

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
 Data File : BG041687.D
 Acq On : 17 Jul 2019 13:27
 Operator : HP/JU
 Sample : PB121214BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121214BS

Quant Time: Jul 18 07:08:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	88402	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	354802	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	225845	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	546751	20.00	ng	0.00
76) Chrysene-d12	21.66	240	531886	20.00	ng	0.00
87) Perylene-d12	24.85	264	556163	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	736178	136.14	ng	0.00
7) Phenol-d6	7.20	99	958012	131.71	ng	0.00
23) Nitrobenzene-d5	9.21	82	562129	96.35	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	388279	152.55	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1362481	93.42	ng	0.00
79) Terphenyl-d14	20.01	244	2099639	92.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	105852	41.214	ng	98
3) Pyridine	3.89	79	259668	37.876	ng	95
4) n-Nitrosodimethylamine	3.80	42	130018	41.066	ng	100
6) Aniline	7.37	93	321773	32.916	ng	95
8) 2-Chlorophenol	7.61	128	278646	45.515	ng	99
9) Benzaldehyde	7.18	77	198455	46.103	ng	99
10) Phenol	7.23	94	345059	45.028	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	262052	42.341	ng	99
12) 1,3-Dichlorobenzene	7.94	146	309153	42.322	ng	99
13) 1,4-Dichlorobenzene	8.08	146	315324	43.104	ng	98
14) 1,2-Dichlorobenzene	8.40	146	293096	42.495	ng	97
15) Benzyl Alcohol	8.28	79	247973	42.823	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	514120	40.089	ng	99
17) 2-Methylphenol	8.48	107	245089	46.247	ng	99
18) Hexachloroethane	9.14	117	112390	41.945	ng	95
19) n-Nitroso-di-n-propylamine	8.85	70	215002	40.442	ng	96
20) 3+4-Methylphenols	8.81	107	325830	44.865	ng	97
22) Acetophenone	8.87	105	395742	45.796	ng	# 97
24) Nitrobenzene	9.25	77	300226	47.174	ng	97
25) Isophorone	9.77	82	568862	44.529	ng	98
26) 2-Nitrophenol	9.96	139	146445	49.950	ng	99
27) 2,4-Dimethylphenol	10.02	122	277485	54.897	ng	99
28) bis(2-Chloroethoxy)methane	10.25	93	351488	44.641	ng	99
29) 2,4-Dichlorophenol	10.49	162	289594	50.251	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	306168	45.247	ng	98
31) Naphthalene	10.90	128	808508	46.286	ng	98
32) Benzoic acid	10.14	122	183611	47.868	ng	94
33) 4-Chloroaniline	11.00	127	225757	28.019	ng	99
34) Hexachlorobutadiene	11.20	225	194233	44.661	ng	99
35) Caprolactam	11.76	113	49281	23.265	ng	97
36) 4-Chloro-3-methylphenol	12.11	107	292683	48.479	ng	100
37) 2-Methylnaphthalene	12.50	142	625086	46.839	ng	100
38) 1-Methylnaphthalene	12.72	142	587724	46.194	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	354210	45.787	ng	99

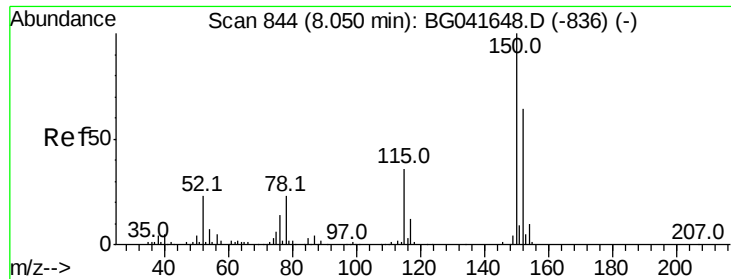
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
 Data File : BG041687.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	396266	90.552	nq	99
43) 2,4,6-Trichlorophenol	13.10	196	246753	49.090	nq	98
44) 2,4,5-Trichlorophenol	13.17	196	265893	50.206	nq	98
46) 1,1'-Biphenyl	13.51	154	779085	46.045	nq	97
47) 2-Chloronaphthalene	13.55	162	633634	44.934	nq	98
48) 2-Nitroaniline	13.74	65	200347	48.797	nq	98
49) Acenaphthylene	14.39	152	1014859	46.101	nq	98
50) Dimethylphthalate	14.12	163	821692	46.325	nq	99
51) 2,6-Dinitrotoluene	14.23	165	189872	50.466	nq	96
52) Acenaphthene	14.73	154	698439	50.347	nq	98
53) 3-Nitroaniline	14.56	138	137779	33.547	nq	91
54) 2,4-Dinitrophenol	14.76	184	203180	104.260	nq	95
55) Dibenzofuran	15.06	168	970615	46.626	nq	97
56) 4-Nitrophenol	14.86	139	376790	113.314	nq	97
57) 2,4-Dinitrotoluene	15.01	165	264114	53.105	nq	98
58) Fluorene	15.71	166	780396	46.072	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	250066	51.146	nq	99
60) Diethylphthalate	15.48	149	824465	46.139	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	442523	46.217	nq	99
62) 4-Nitroaniline	15.72	138	207328	47.598	nq	99
63) Azobenzene	16.00	77	736517	45.590	nq	98
65) 4,6-Dinitro-2-methylphenol	15.77	198	139615	52.986	nq	96
66) n-Nitrosodiphenylamine	15.92	169	734026	45.716	nq	98
67) 4-Bromophenyl-phenylether	16.60	248	295387	45.405	nq	99
68) Hexachlorobenzene	16.71	284	290783	44.387	nq	97
69) Atrazine	16.86	200	280793	48.191	nq	99
70) Pentachlorophenol	17.05	266	418848	102.254	nq	99
71) Phenanthrene	17.44	178	1280311	46.498	nq	97
72) Anthracene	17.54	178	1301215	47.409	nq	97
73) Carbazole	17.80	167	1198157	47.070	nq	97
74) Di-n-butylphthalate	18.37	149	1419165	45.712	nq	97
75) Fluoranthene	19.45	202	1575407	46.596	nq	96
77) Benzidine	19.62	184	812025	44.618	nq	99
78) Pyrene	19.81	202	1593504	44.297	nq	94
80) Butylbenzylphthalate	20.69	149	686928	45.953	nq	96
81) Benzo(a)anthracene	21.63	228	1544671	44.948	nq	97
82) 3,3'-Dichlorobenzidine	21.54	252	505849	37.406	nq	98
83) Chrysene	21.70	228	1510774	46.007	nq	96
84) Bis(2-ethylhexyl)phthalate	21.56	149	967367	45.834	nq	97
85) Di-n-octyl phthalate	22.77	149	1648483	45.864	nq	97
86) Indeno(1,2,3-cd)pyrene	28.50	276	1965669	45.367	nq	# 93
88) Benzo(b)fluoranthene	23.84	252	1713702	50.798	nq	98
89) Benzo(k)fluoranthene	23.91	252	1649230	52.759	nq	98
90) Benzo(a)pyrene	24.70	252	1688568	52.903	nq	97
91) Dibenzo(a,h)anthracene	28.57	278	1605962	51.893	nq	97
92) Benzo(g,h,i)perylene	29.64	276	1624775	52.389	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

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BNA_G

ClientSampleId :

PB121214BS

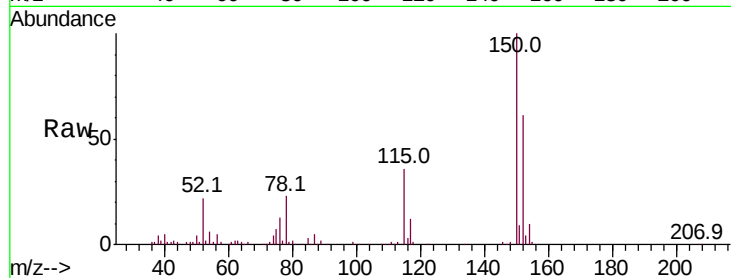
Tot Ion:152 Resp: 88402

Ion Ratio Lower Upper

152 100

150 163.0 126.9 190.3

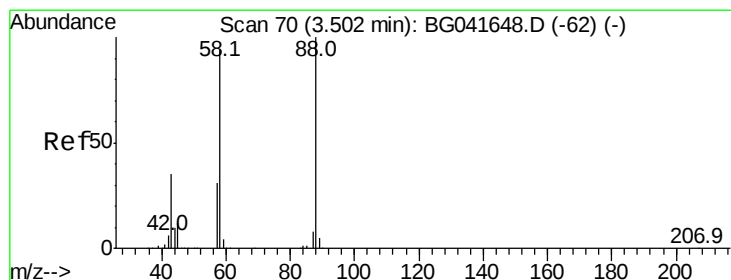
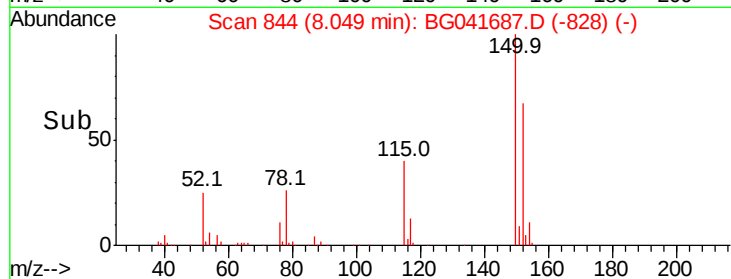
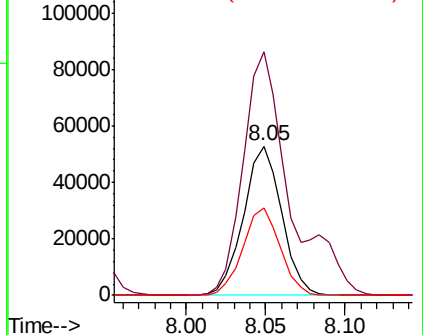
115 58.9 45.0 67.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.214 ng

RT: 3.49 min Scan# 68

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

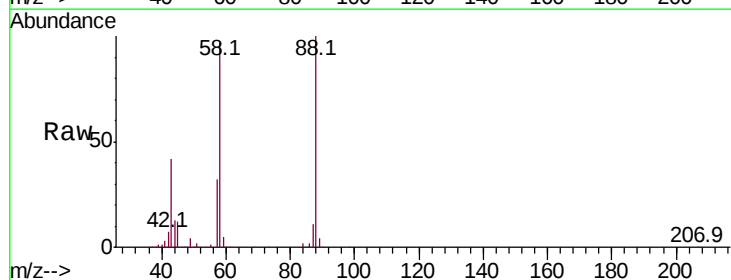
Tgt Ion: 88 Resp: 105852

Ion Ratio Lower Upper

88 100

58 94.1 76.2 114.2

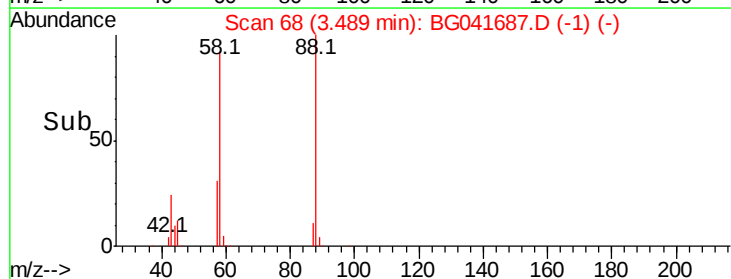
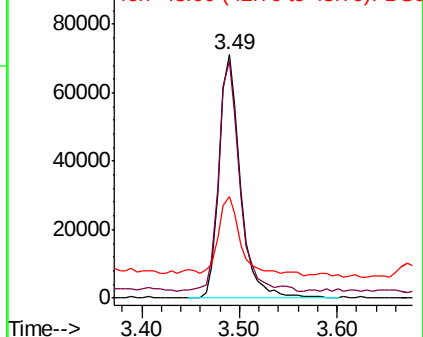
43 31.6 27.2 40.8

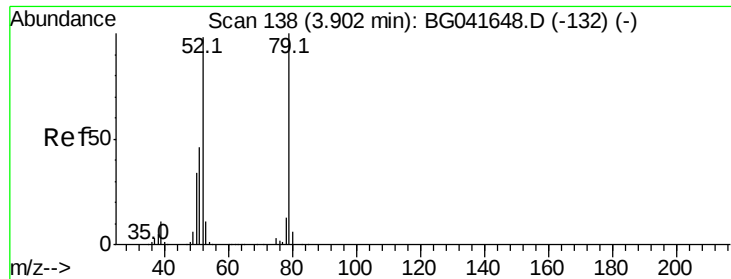


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.876 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Instrument :

BNA_G

ClientSampleId :

PB121214BS

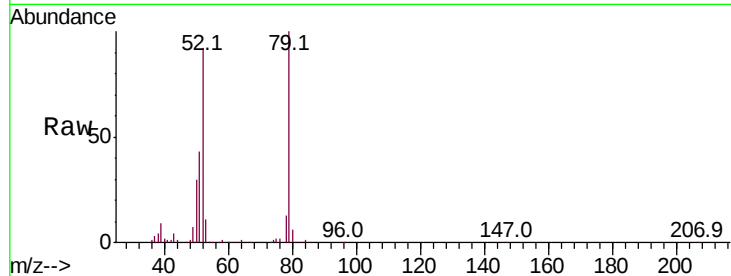
Tot Ion: 79 Resp: 259668

Ion Ratio Lower Upper

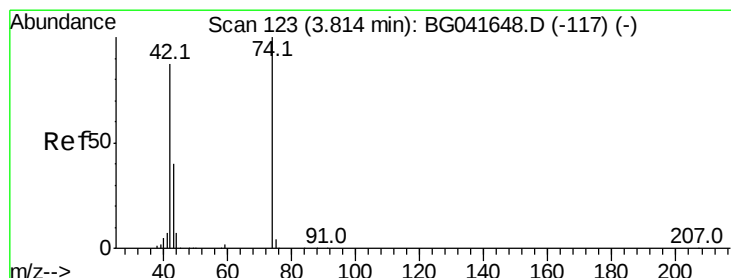
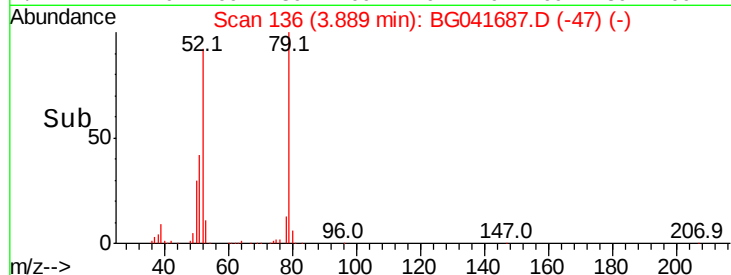
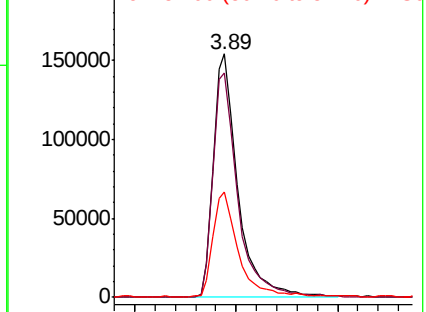
79 100

52 92.4 77.1 115.7

51 43.2 37.8 56.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 41.066 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

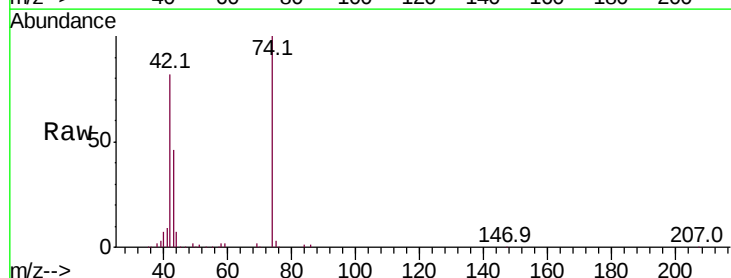
Tgt Ion: 42 Resp: 130018

Ion Ratio Lower Upper

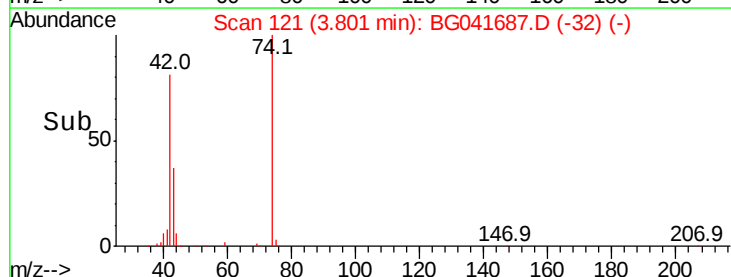
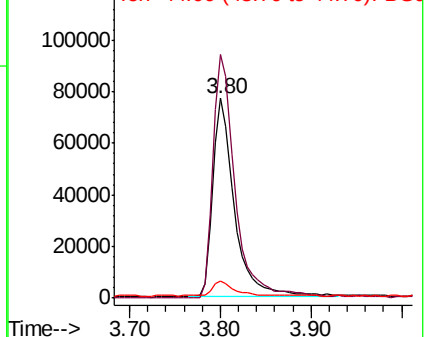
42 100

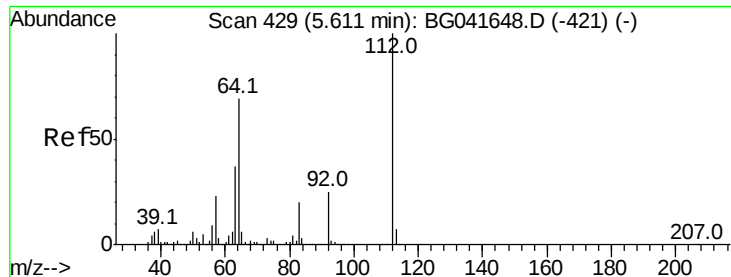
74 121.9 97.4 146.2

44 8.8 6.6 9.8



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 136.136 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Instrument :

BNA_G

ClientSampleId :

PB121214BS

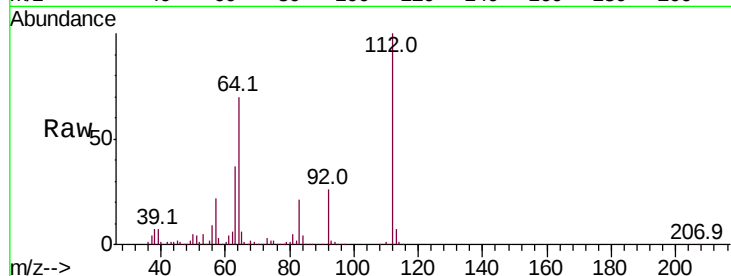
Tot Ion:112 Resp: 736178

Ion Ratio Lower Upper

112 100

64 69.9 55.4 83.2

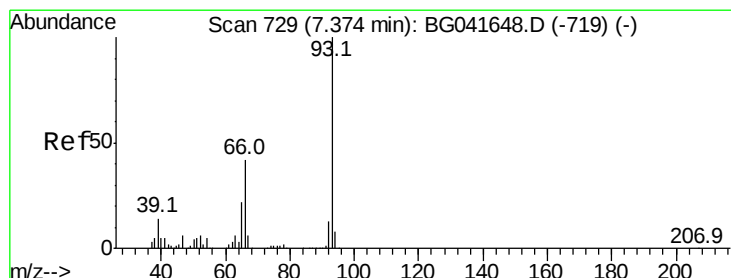
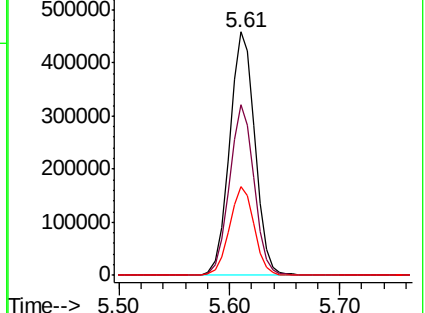
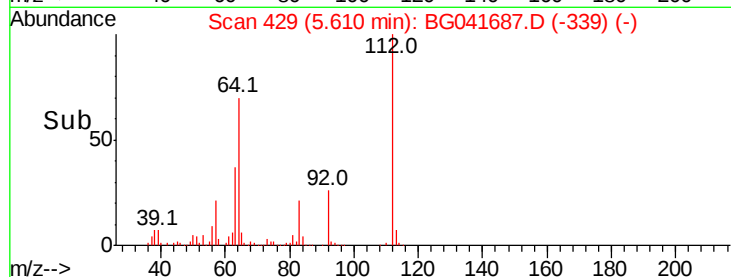
63 36.6 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.916 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

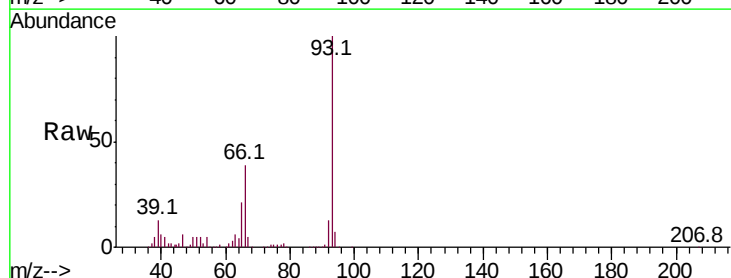
Tgt Ion: 93 Resp: 321773

Ion Ratio Lower Upper

93 100

66 39.2 34.2 51.2

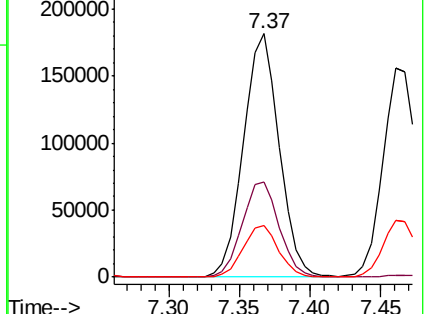
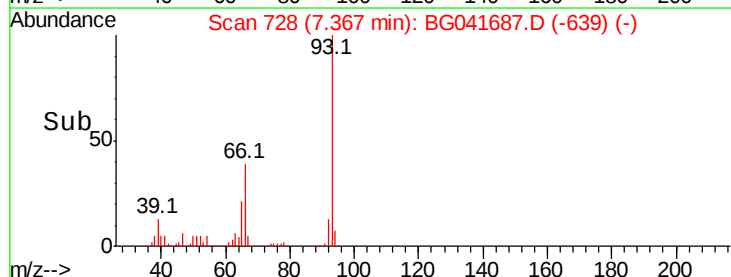
65 21.0 18.2 27.2

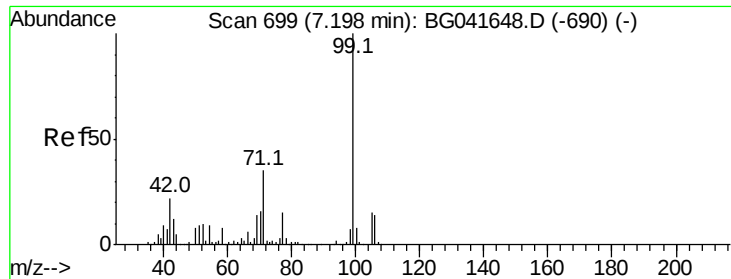


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 131.711 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

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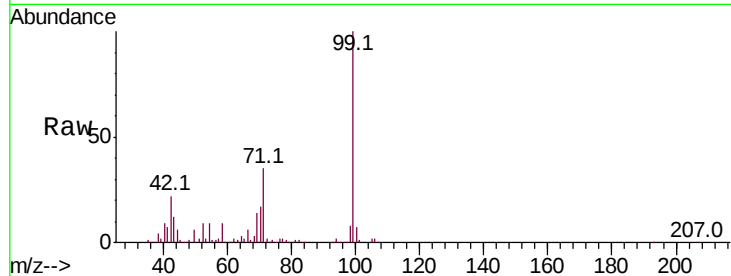
Tot Ion: 99 Resp: 958012

Ion Ratio Lower Upper

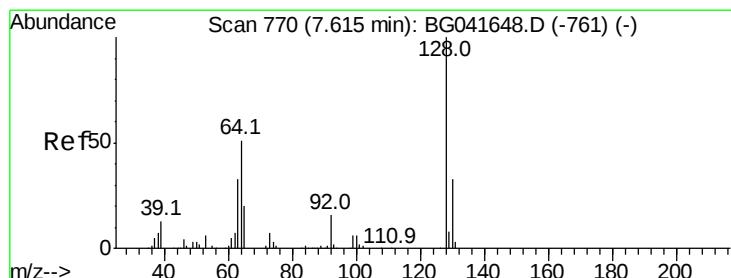
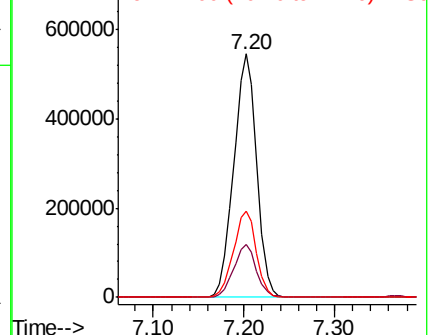
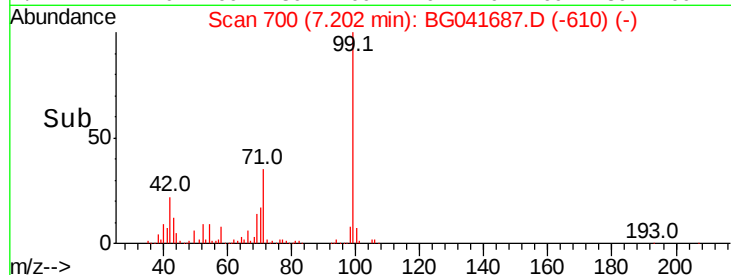
99 100

42 21.8 17.6 26.4

71 35.2 27.8 41.6



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 45.515 ng

RT: 7.61 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

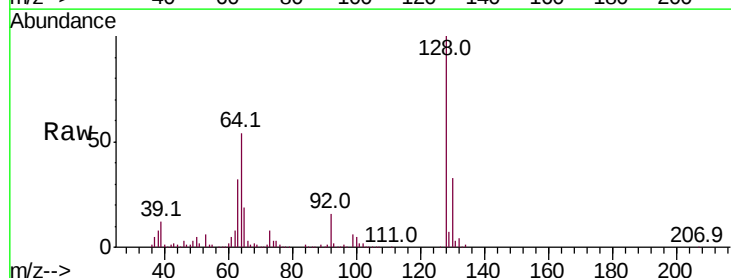
Tgt Ion:128 Resp: 278646

Ion Ratio Lower Upper

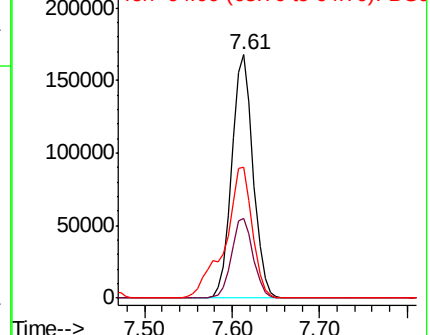
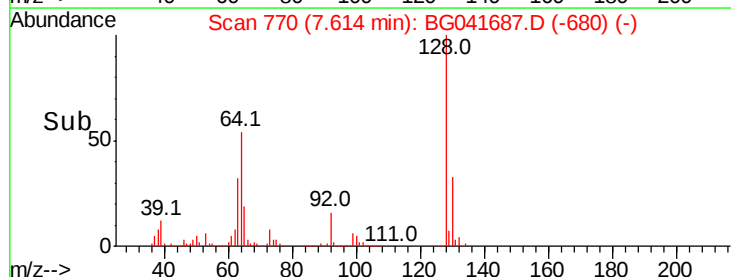
128 100

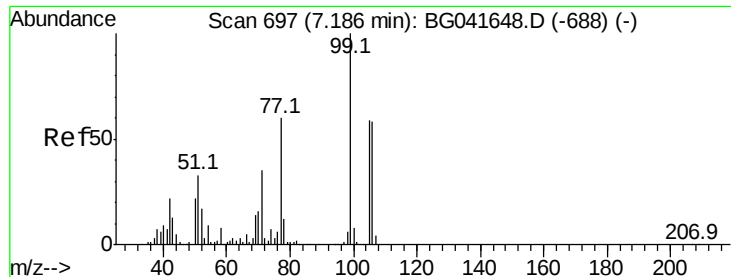
130 32.6 12.4 52.4

64 53.7 34.9 74.9



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 46.103 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Instrument :

BNA_G

ClientSampleId :

PB121214BS

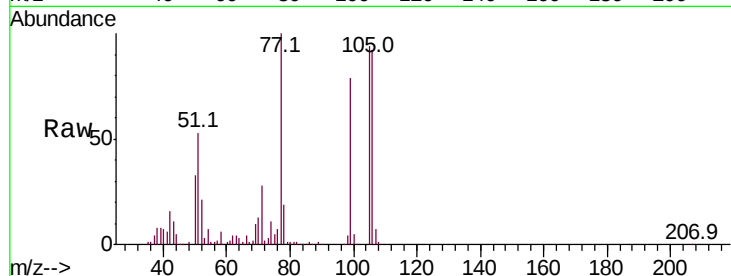
Tot Ion: 77 Resp: 198455

Ion Ratio Lower Upper

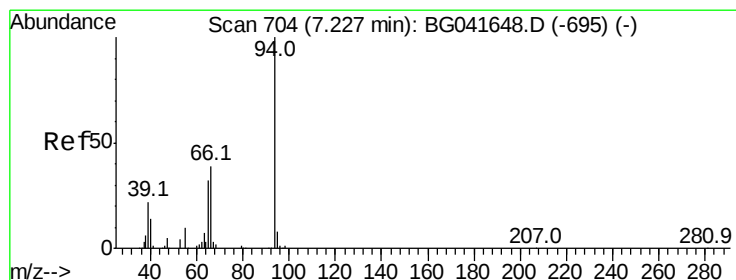
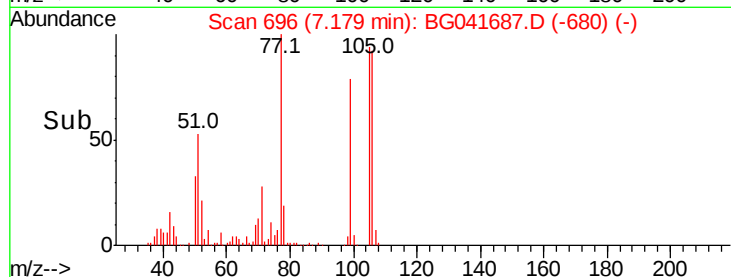
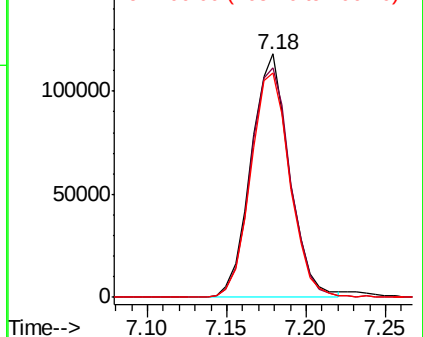
77 100

105 94.3 74.6 114.6

106 92.4 71.1 111.1



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.028 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

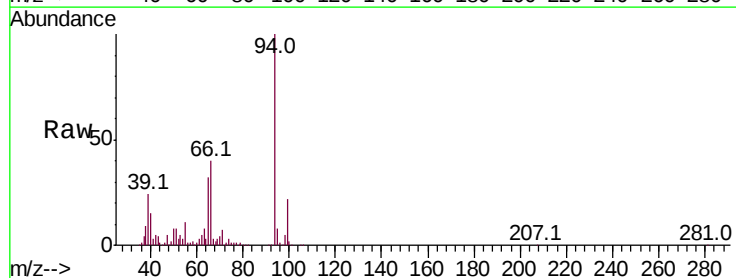
Tgt Ion: 94 Resp: 345059

Ion Ratio Lower Upper

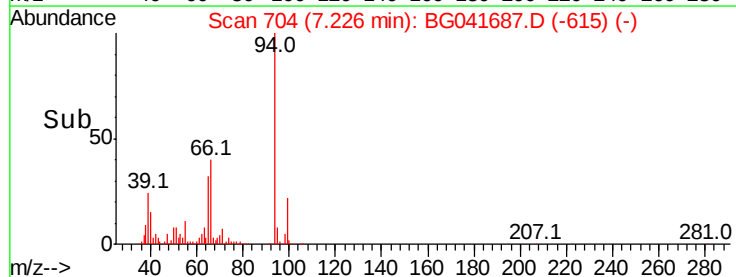
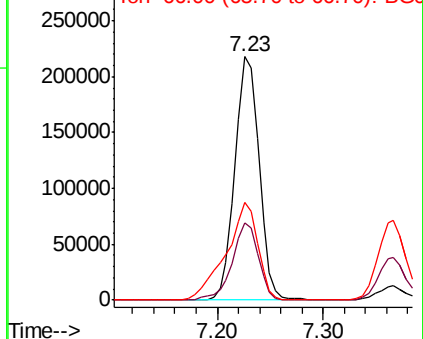
94 100

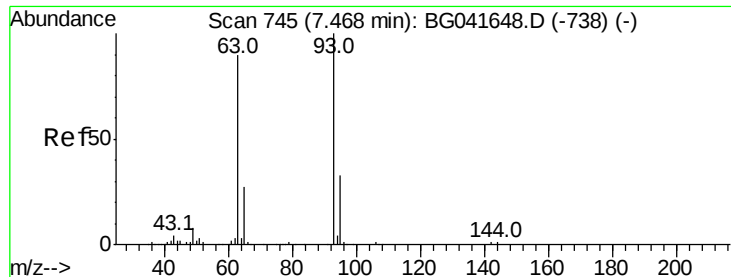
65 31.6 10.6 50.6

66 40.3 18.2 58.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

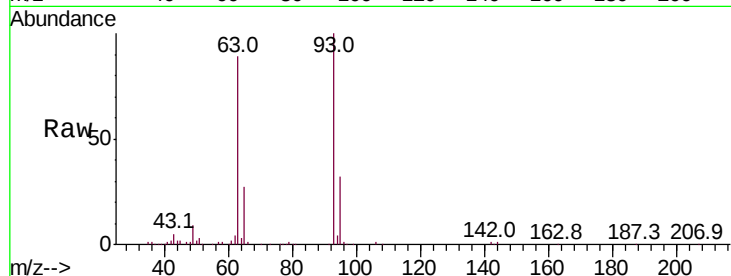




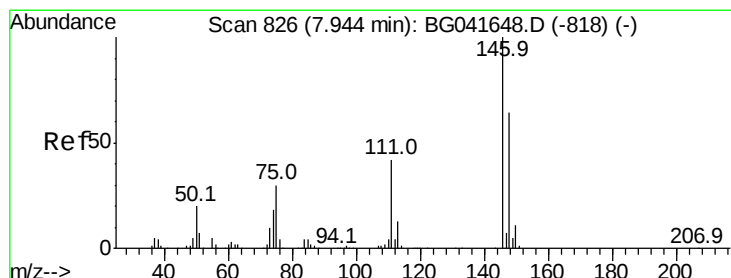
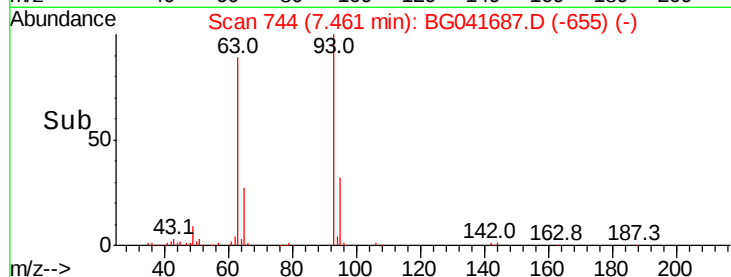
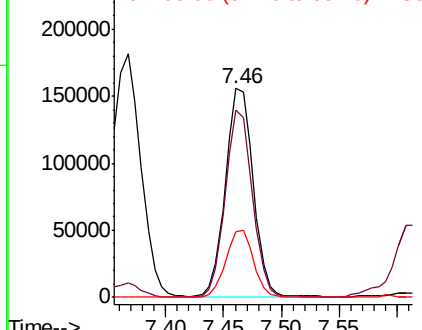
#11
bis(2-Chloroethyl)ether
Concen: 42.341 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PB121214BS

Tot Ion: 93 Resp: 262052
Ion Ratio Lower Upper
93 100
63 89.4 70.4 110.4
95 31.6 12.8 52.8

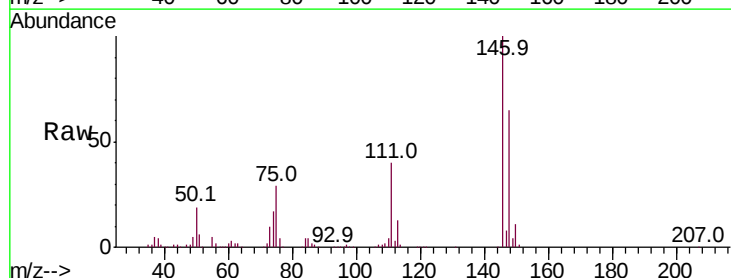


Abundance Ion 93.00 (92.70 to 93.70): BGC
250000 Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

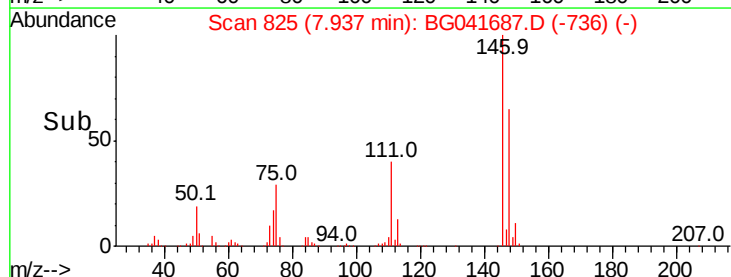
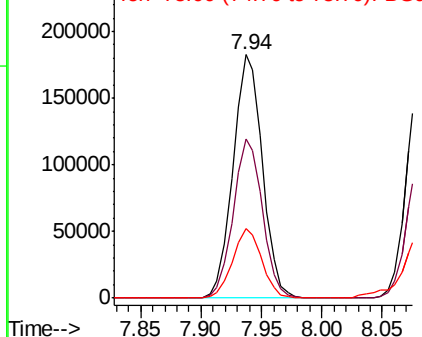


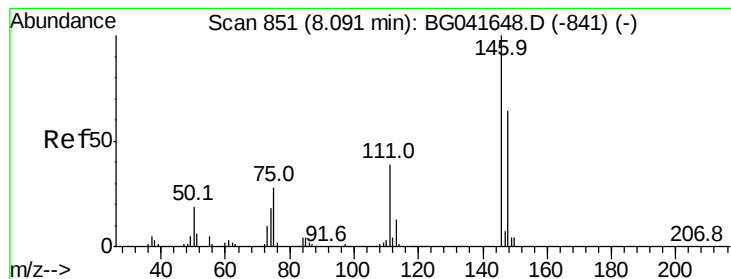
#12
1,3-Dichlorobenzene
Concen: 42.322 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Tgt Ion: 146 Resp: 309153
Ion Ratio Lower Upper
146 100
148 65.2 51.5 77.3
75 28.8 23.2 34.8



Abundance Ion 146.00 (145.70 to 146.70): E
250000 Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 43.104 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Instrument :

BNA_G

ClientSampleId :

PB121214BS

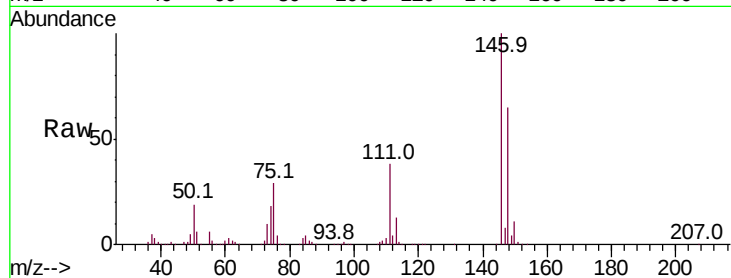
Tot Ion:146 Resp: 315324

Ion Ratio Lower Upper

146 100

148 65.0 52.6 79.0

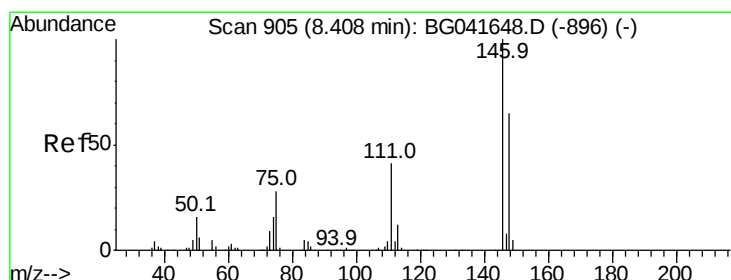
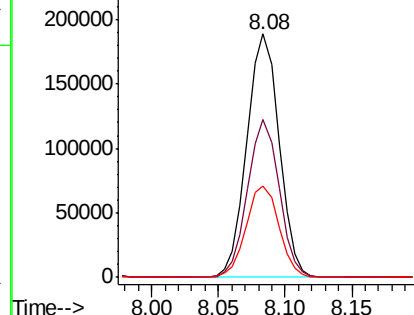
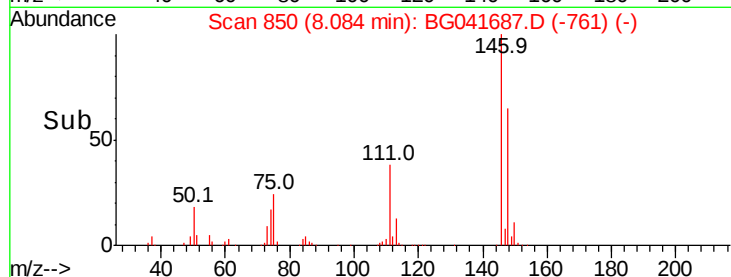
111 37.7 32.5 48.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.495 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

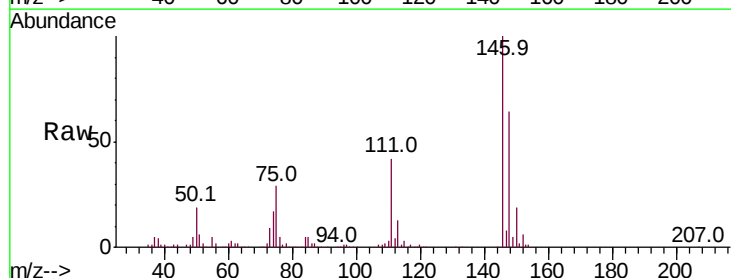
Tgt Ion:146 Resp: 293096

Ion Ratio Lower Upper

146 100

148 64.0 53.5 80.3

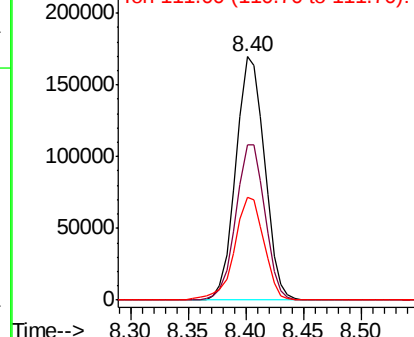
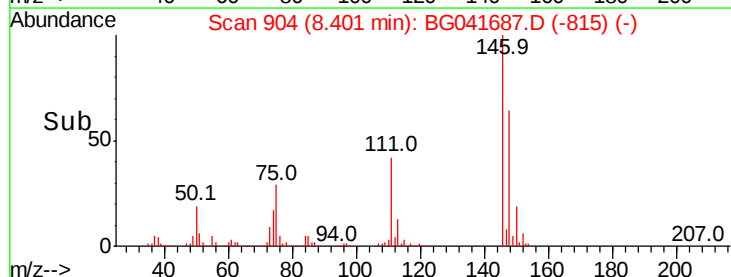
111 42.3 35.4 53.0

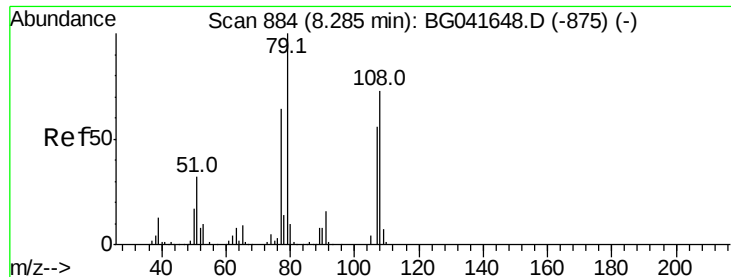


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.823 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Instrument :

BNA_G

ClientSampleId :

PB121214BS

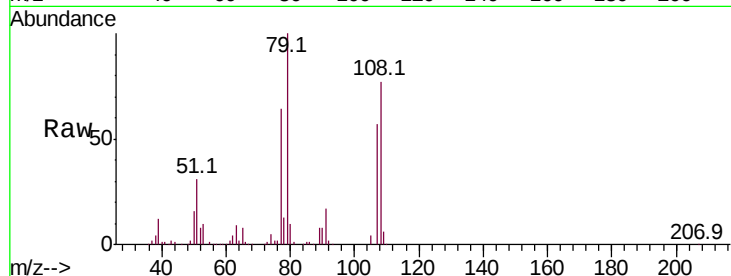
Tot Ion: 79 Resp: 247973

Ion Ratio Lower Upper

79 100

108 77.2 60.5 90.7

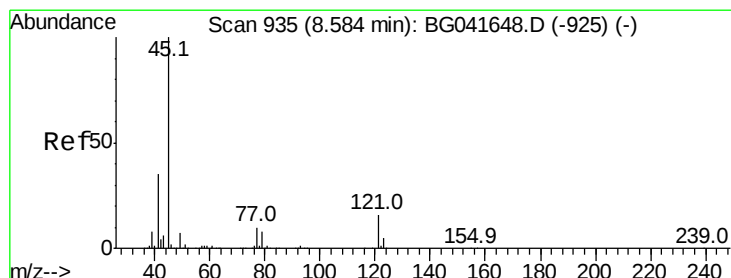
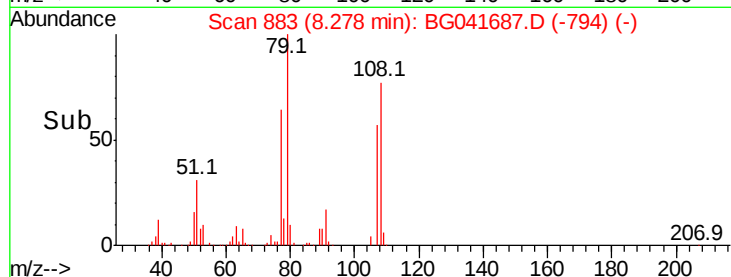
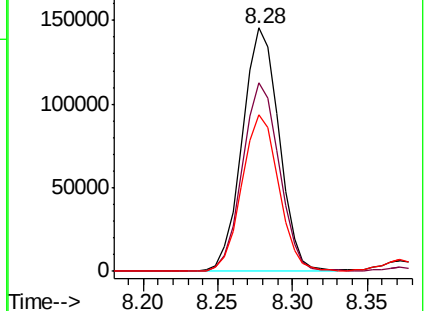
77 64.2 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.089 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

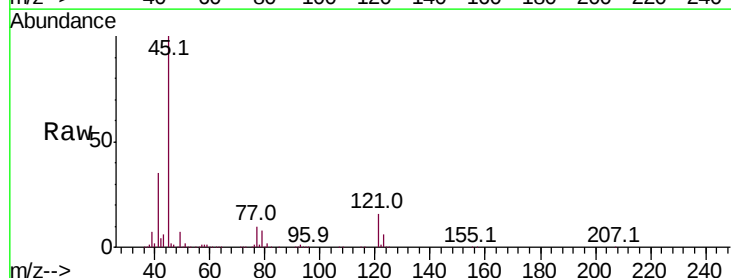
Tgt Ion: 45 Resp: 514120

Ion Ratio Lower Upper

45 100

77 10.2 0.0 30.4

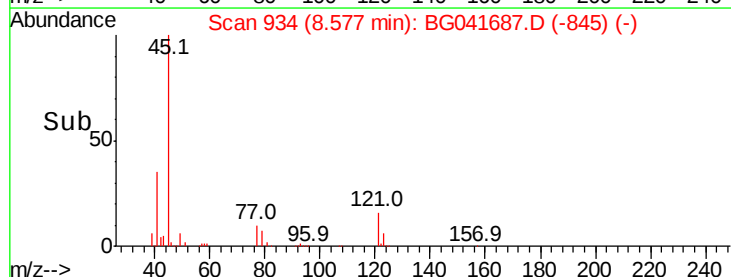
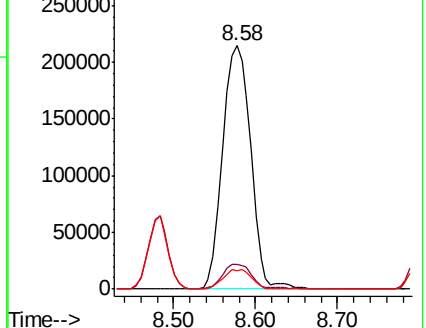
79 7.6 0.0 27.9

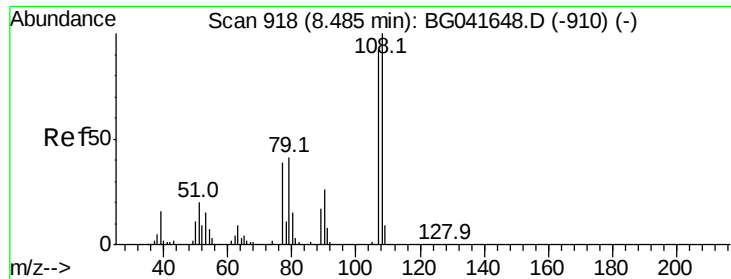


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

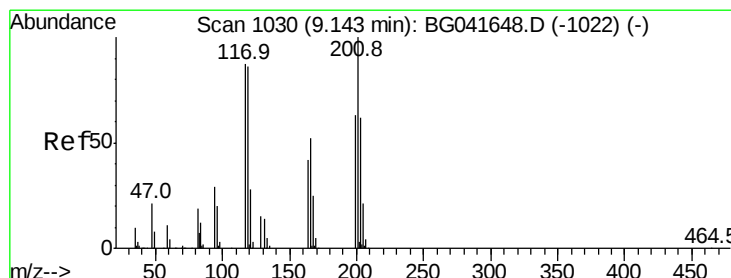
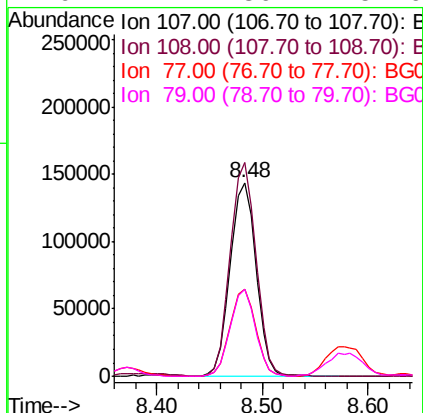
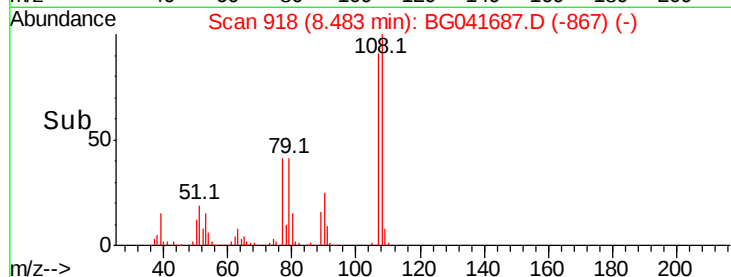
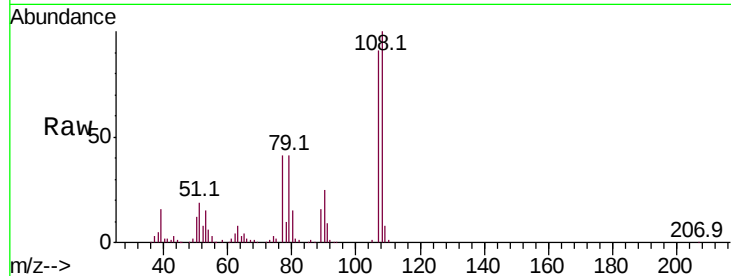




#17
2-Methylphenol
Concen: 46.247 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.00 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

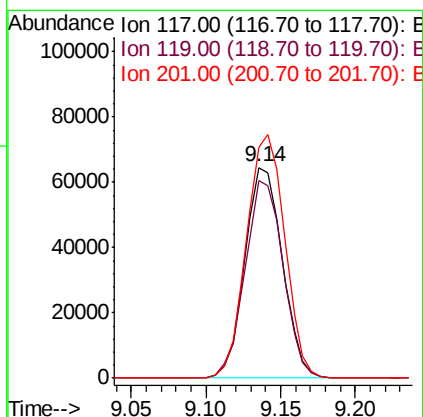
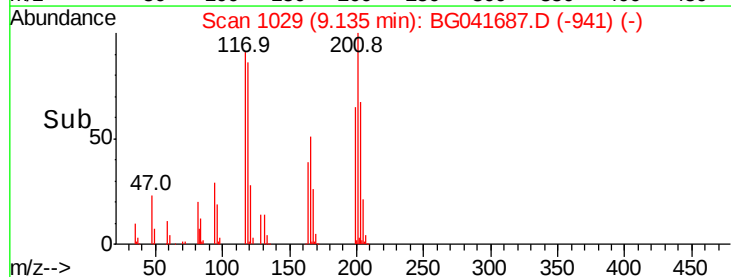
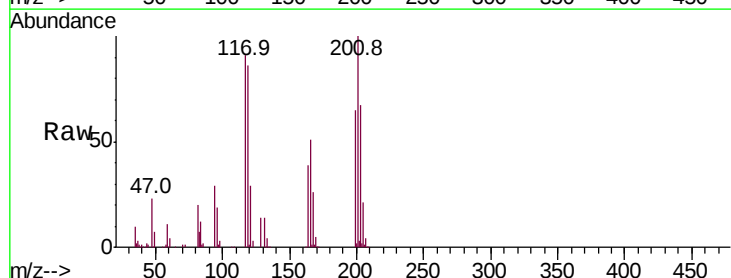
Instrument :
BNA_G
ClientSampleId :
PB121214BS

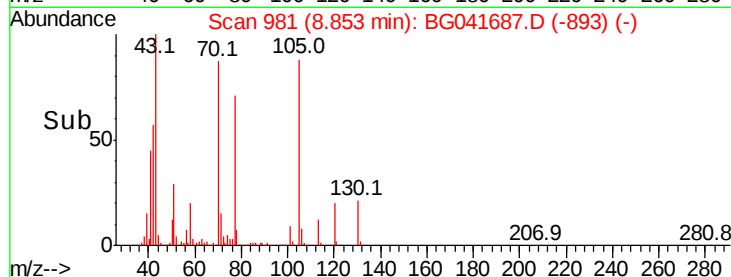
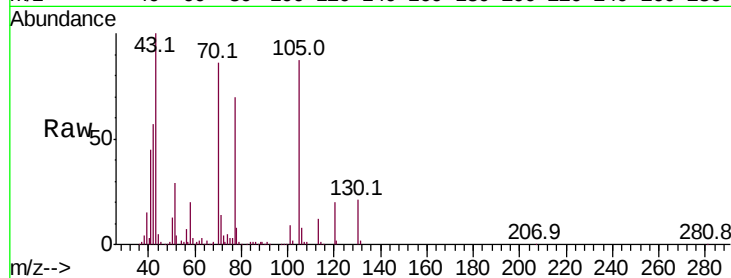
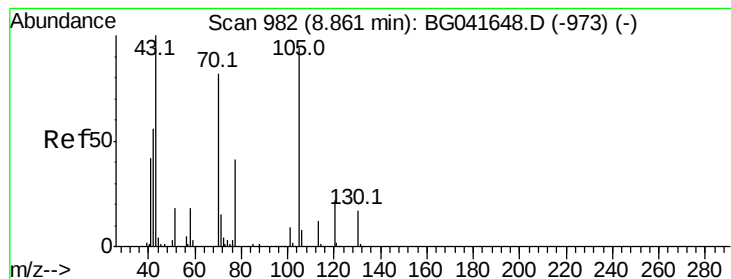
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.2	87.6	131.4
77	45.2	36.1	54.1
79	44.7	36.4	54.6



#18
Hexachloroethane
Concen: 41.945 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	76.2	114.2
201	109.5	94.1	141.1





#19

n-Nitroso-di-n-propylamine

Concen: 40.442 ng

RT: 8.85 min Scan# 981

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Instrument :

BNA_G

ClientSampleId :

PB121214BS

Tot Ion: 70 Resp: 215002

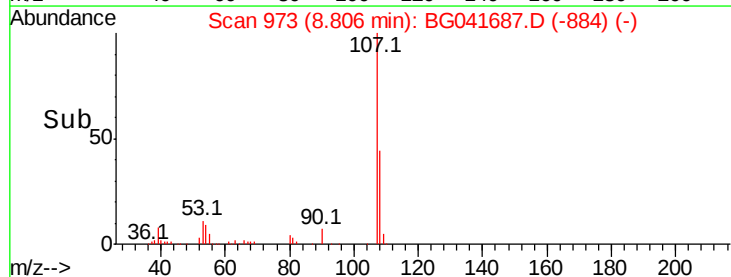
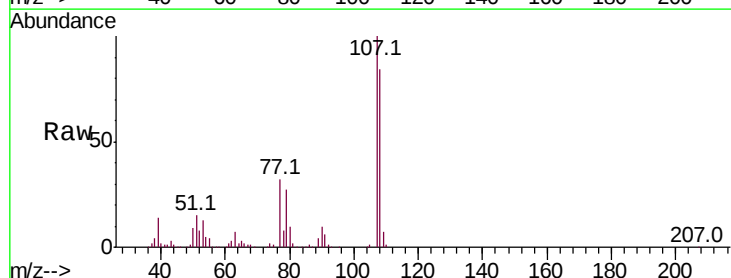
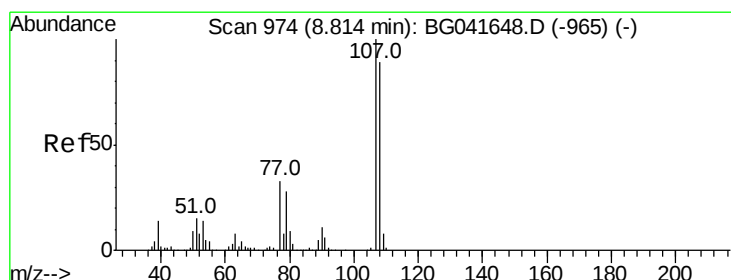
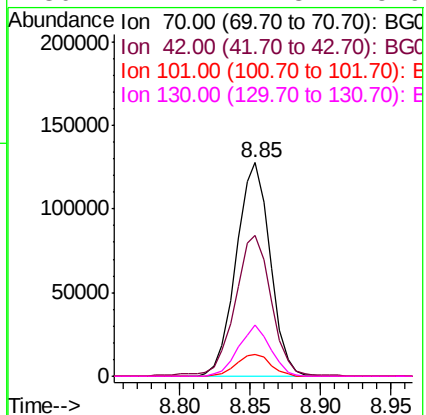
Ion Ratio Lower Upper

70 100

42 65.9 55.8 83.6

101 10.0 8.1 12.1

130 24.1 17.3 25.9



#20

3+4-Methylphenols

Concen: 44.865 ng

RT: 8.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Tgt Ion:107 Resp: 325830

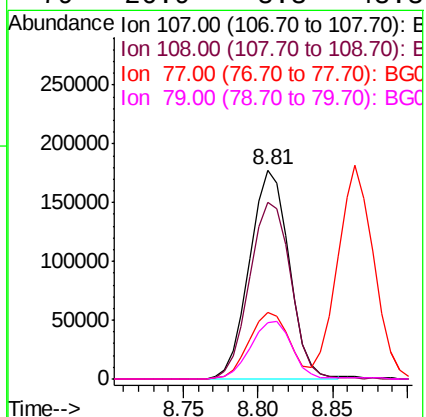
Ion Ratio Lower Upper

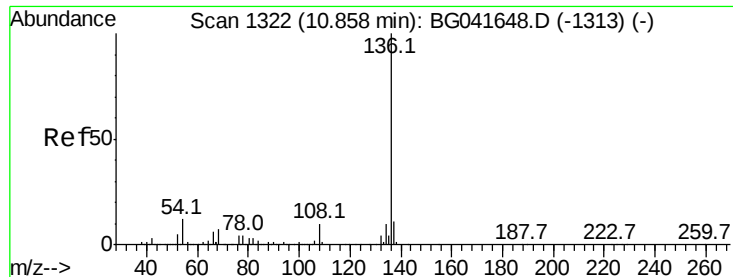
107 100

108 84.5 67.5 107.5

77 31.6 12.3 52.3

79 26.9 8.3 48.3

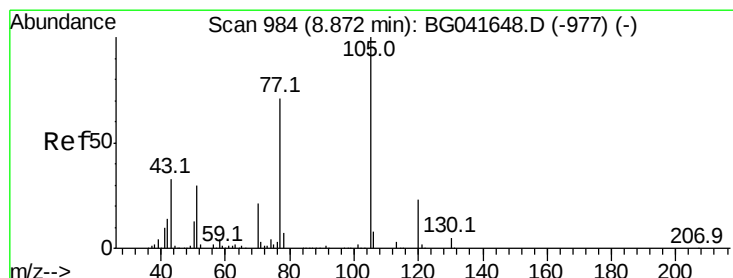
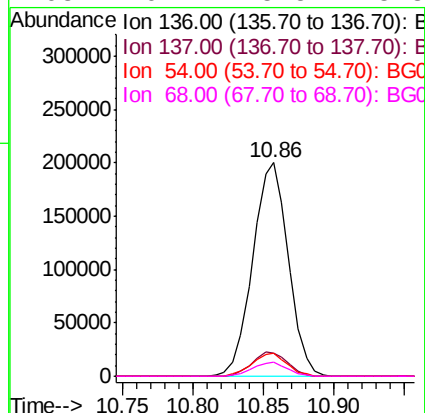
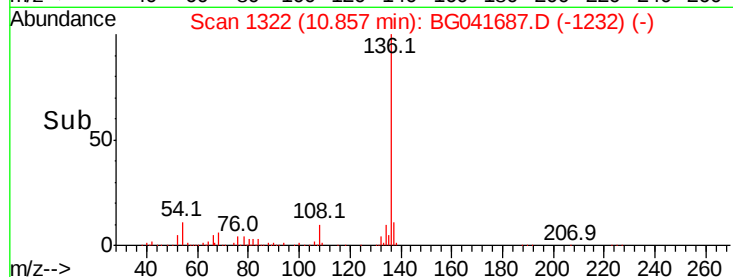
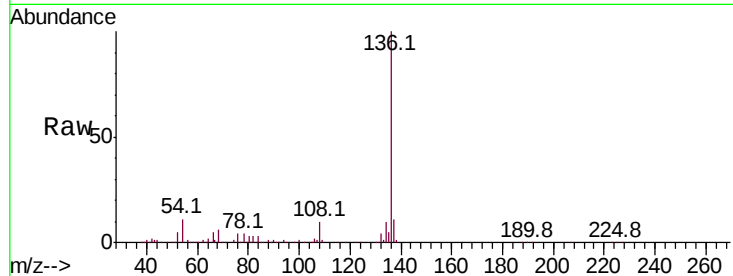




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

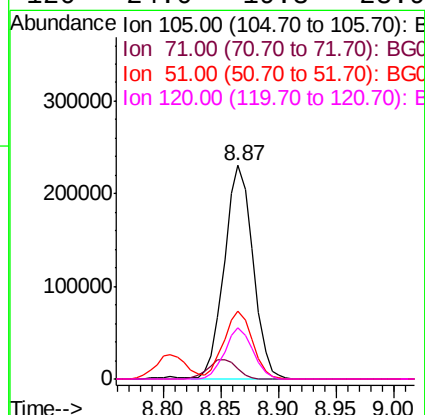
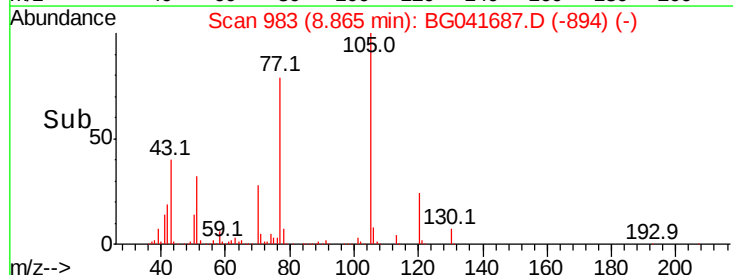
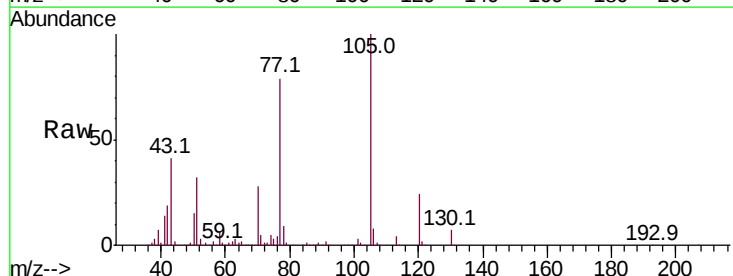
Instrument :
BNA_G
ClientSampleId :
PB121214BS

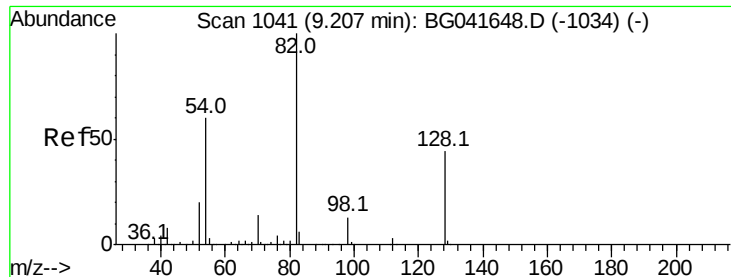
Tot Ion:	136	Resp:	354802
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	10.6	8.7	13.1
68	6.4	5.5	8.3



#22
Acetophenone
Concen: 45.796 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Tgt Ion:	105	Resp:	395742
Ion	Ratio	Lower	Upper
105	100		
71	4.6	5.9	8.9#
51	31.8	27.7	41.5
120	24.0	19.3	28.9

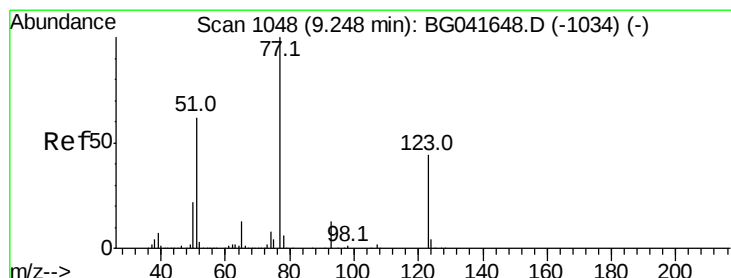
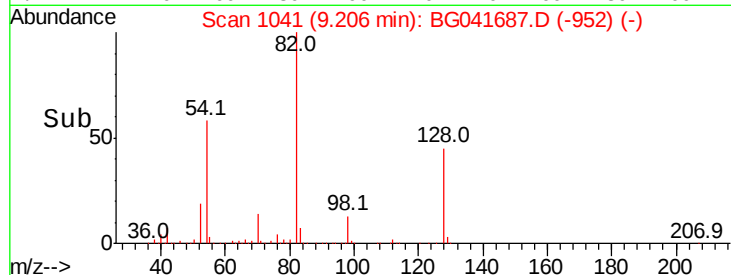
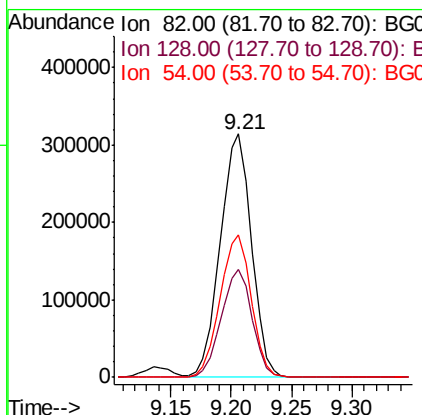
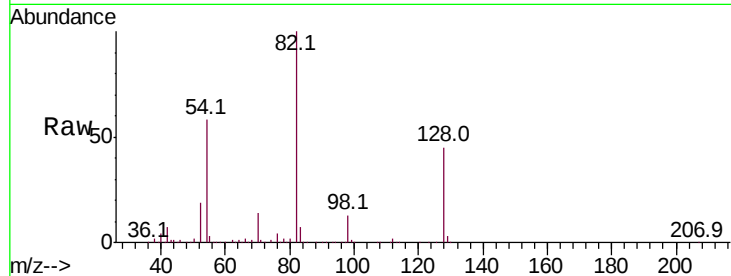




#23
 Nitrobenzene-d5
 Concen: 96.352 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

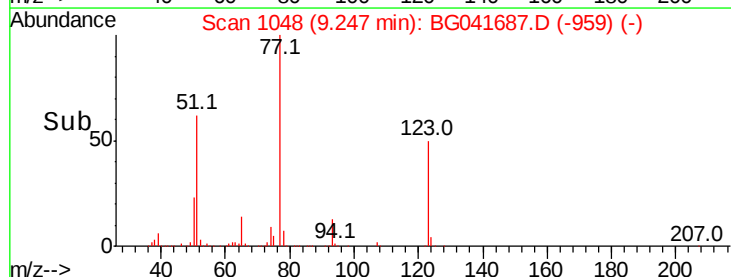
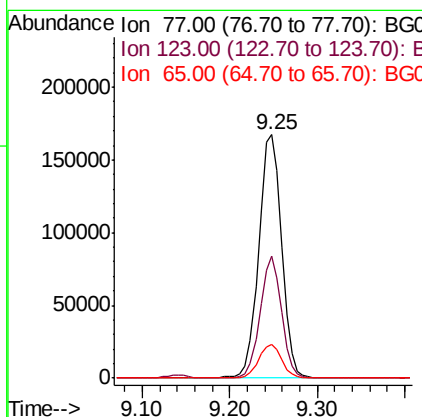
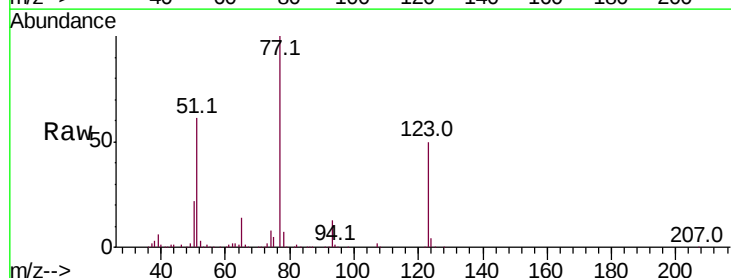
Instrument :
 BNA_G
 ClientSampleId :
 PB121214BS

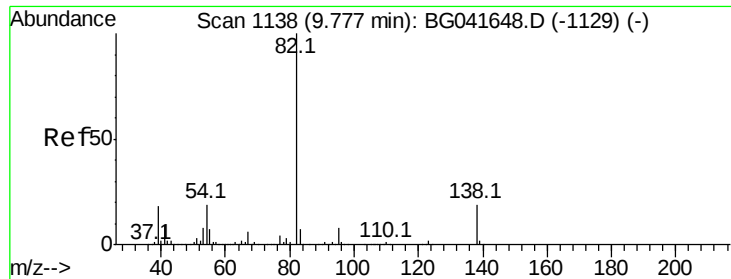
Tot Ion	82	Resp	562129
Ion Ratio	Lower	Upper	
82	100		
128	44.6	35.1	52.7
54	58.4	48.7	73.1



#24
 Nitrobenzene
 Concen: 47.174 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

Tgt Ion	77	Resp	300226
Ion Ratio	Lower	Upper	
77	100		
123	49.9	38.1	57.1
65	13.9	11.0	16.6





#25

Isophorone

Concen: 44.529 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Instrument :

BNA_G

ClientSampleId :

PB121214BS

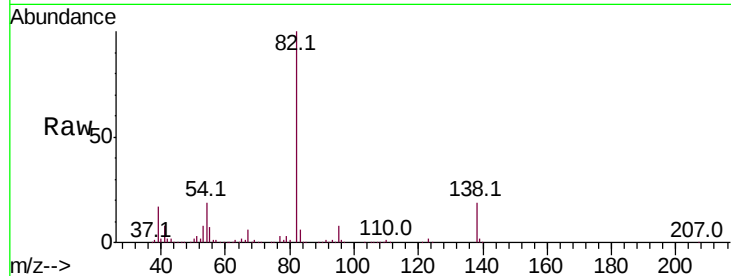
Tot Ion: 82 Resp: 568862

Ion Ratio Lower Upper

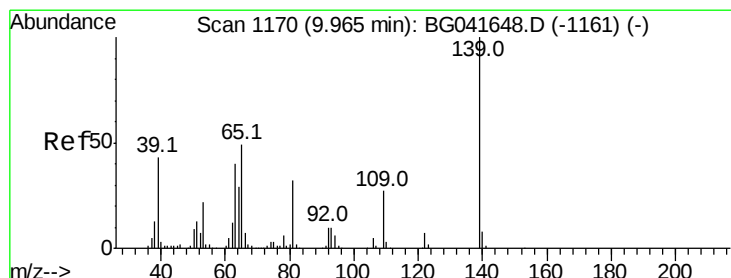
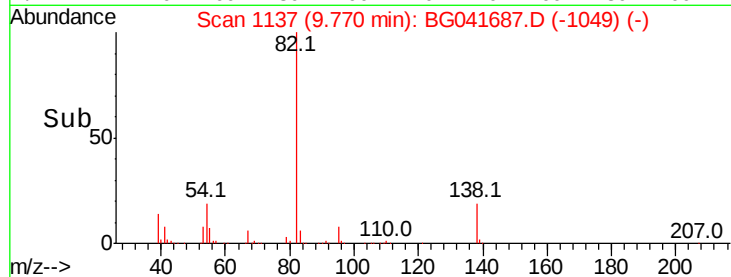
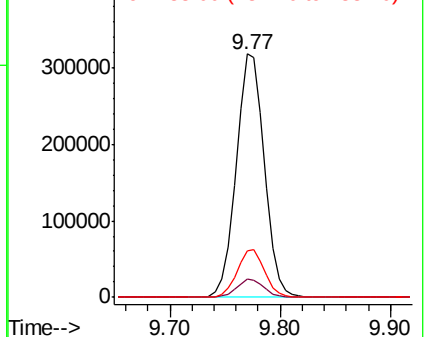
82 100

95 7.6 5.9 8.9

138 19.3 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 49.950 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

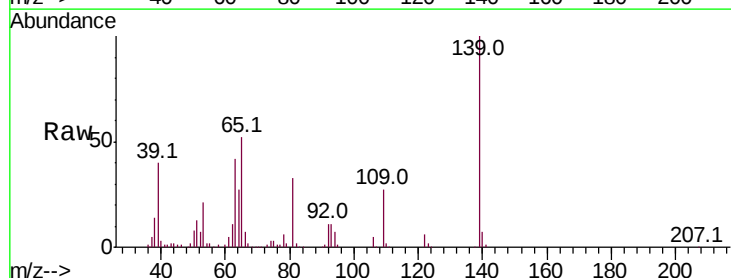
Tgt Ion: 139 Resp: 146445

Ion Ratio Lower Upper

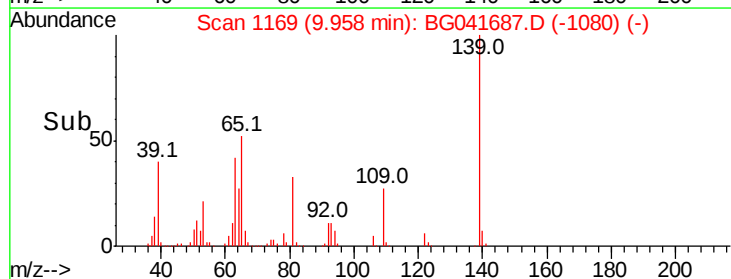
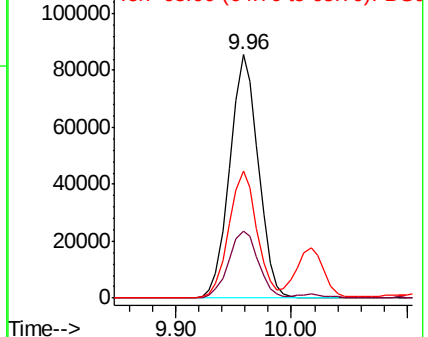
139 100

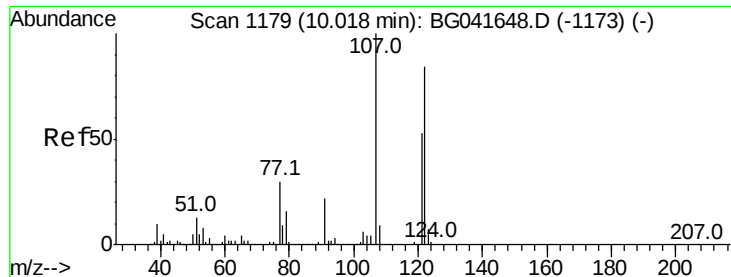
109 27.4 22.7 34.1

65 52.0 41.1 61.7



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

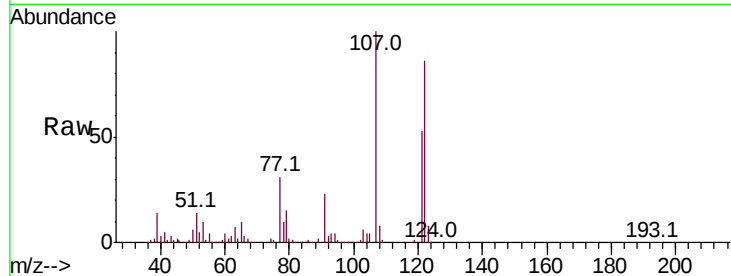




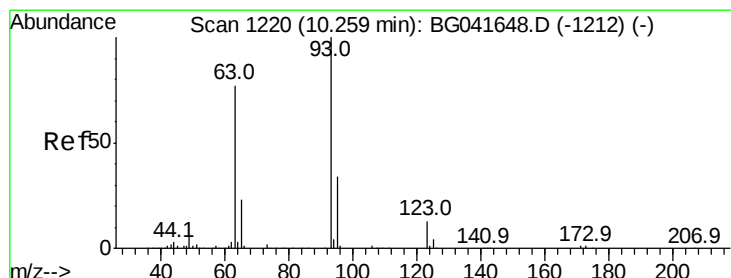
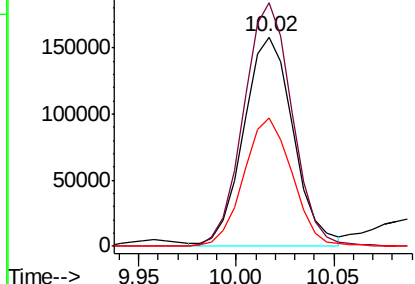
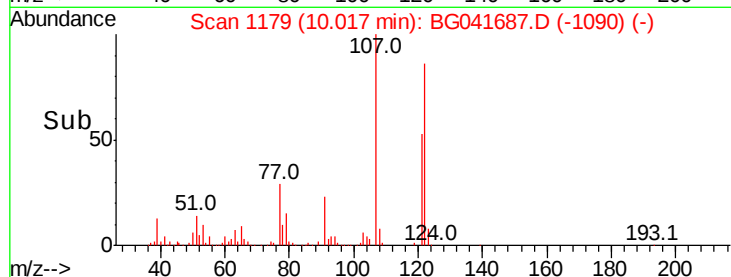
#27
2,4-Dimethylphenol
Concen: 54.897 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PB121214BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.4	91.3	136.9
121	61.4	49.2	73.8

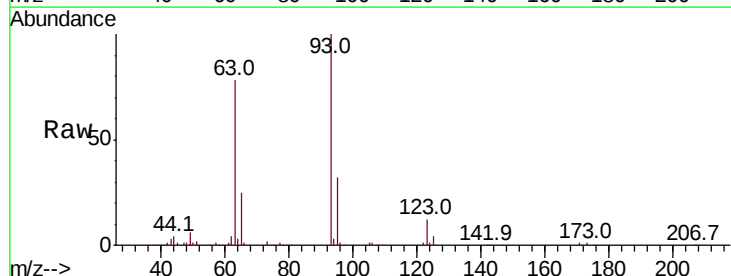


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

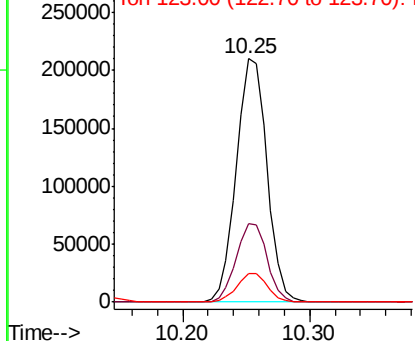
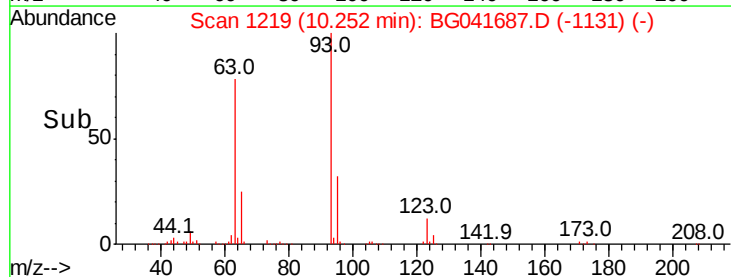


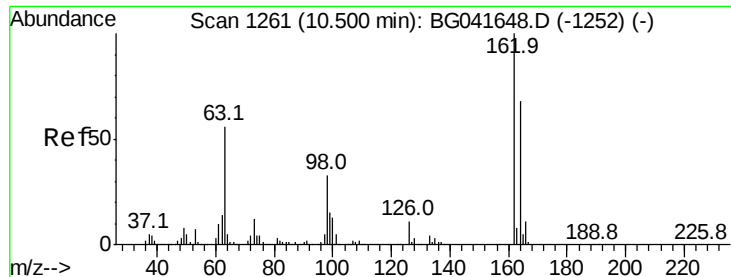
#28
bis(2-Chloroethoxy)methane
Concen: 44.641 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.4
123	11.8	9.9	14.9



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

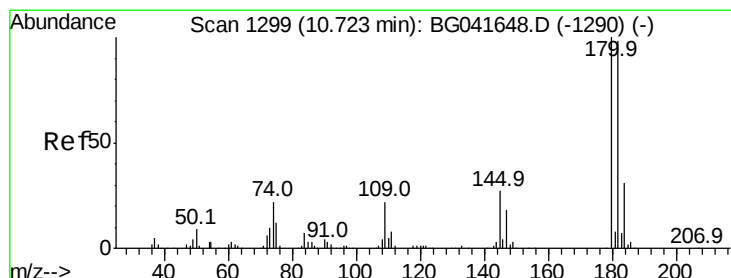
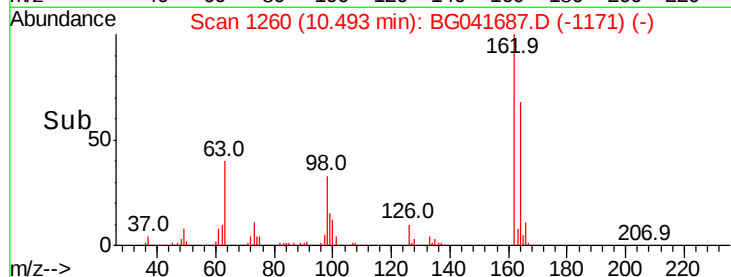
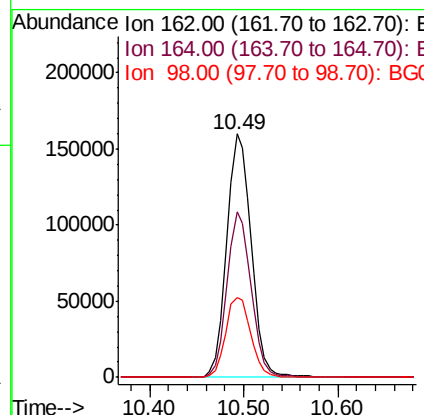
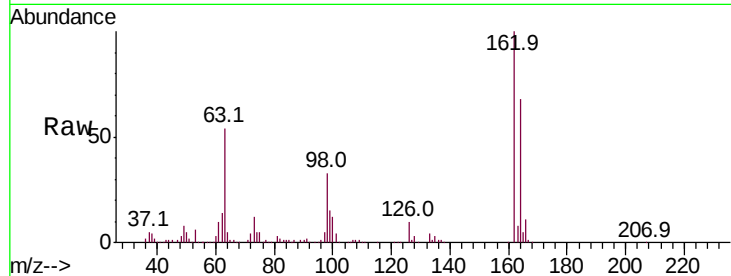




#29
 2,4-Dichlorophenol
 Concen: 50.251 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

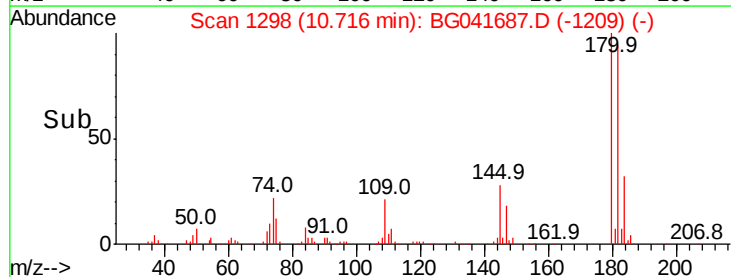
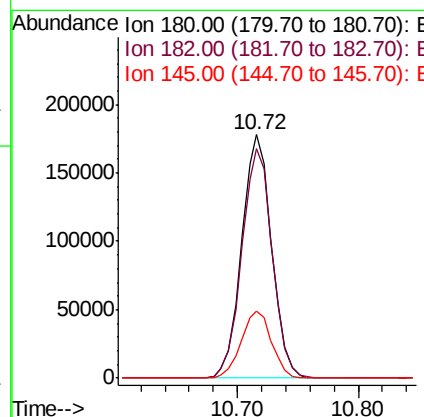
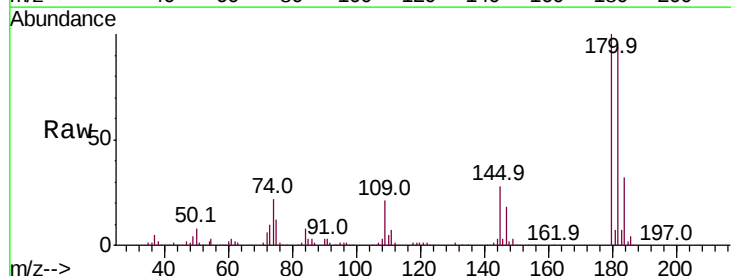
Instrument :
 BNA_G
 ClientSampleId :
 PB121214BS

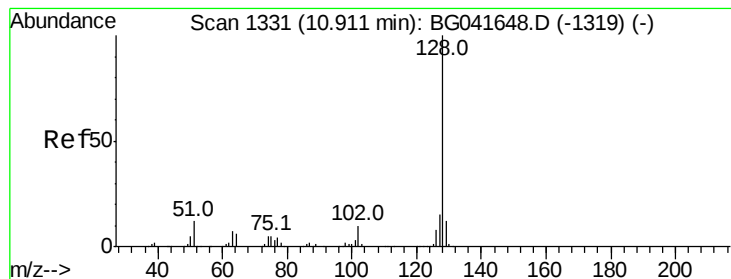
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.9	46.1	86.1
98	33.0	14.7	54.7



#30
 1,2,4-Trichlorobenzene
 Concen: 45.247 ng
 RT: 10.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.2	114.2
145	27.6	23.8	35.8





#31

Naphthalene

Concen: 46.286 ng

RT: 10.90 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Instrument :

BNA_G

ClientSampleId :

PB121214BS

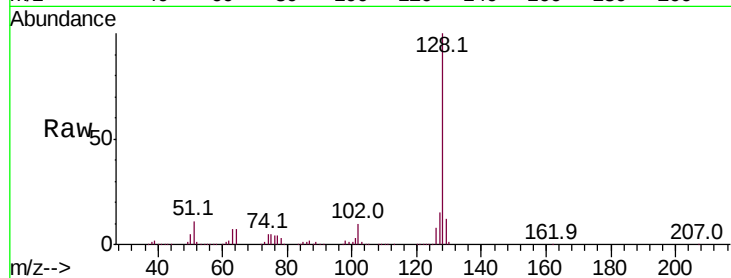
Tot Ion:128 Resp: 808508

Ion Ratio Lower Upper

128 100

129 11.7 10.0 15.0

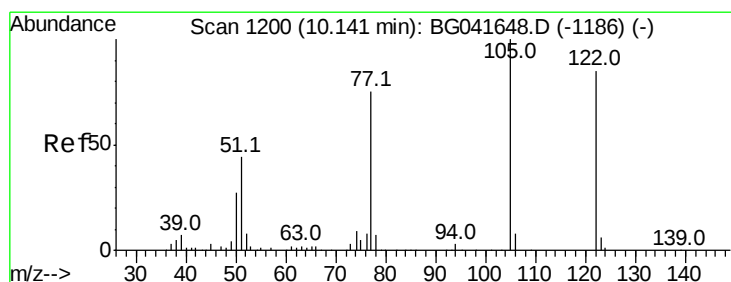
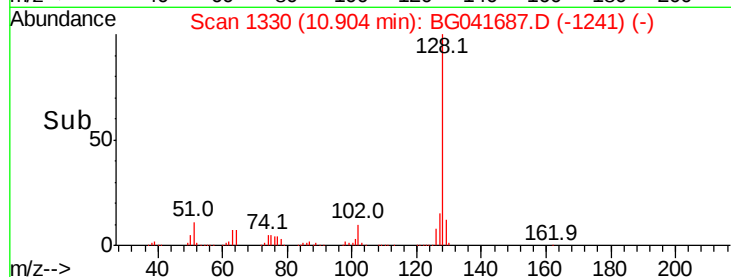
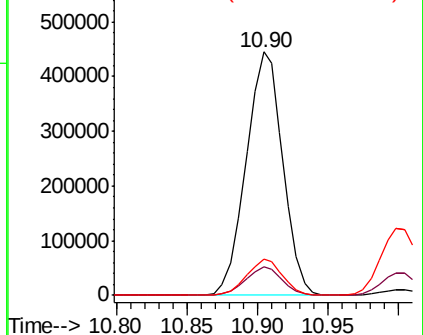
127 14.9 12.3 18.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 47.868 ng

RT: 10.14 min Scan# 1200

Delta R.T. -0.03 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

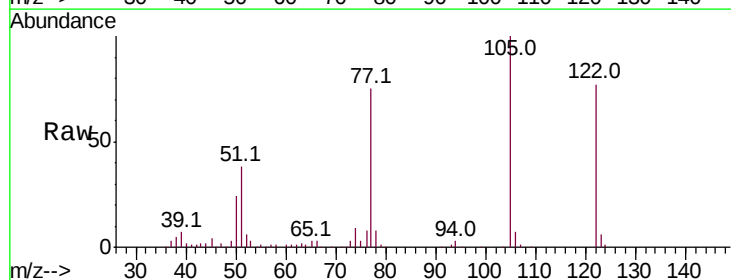
Tgt Ion:122 Resp: 183611

Ion Ratio Lower Upper

122 100

105 129.5 101.5 141.5

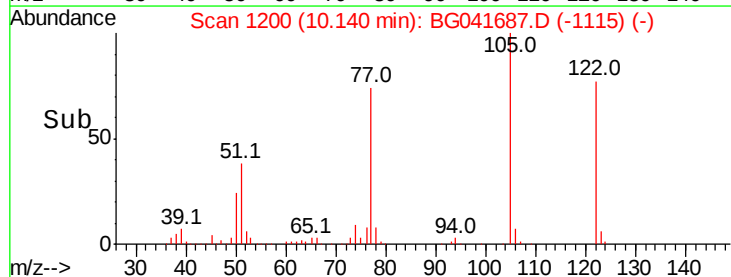
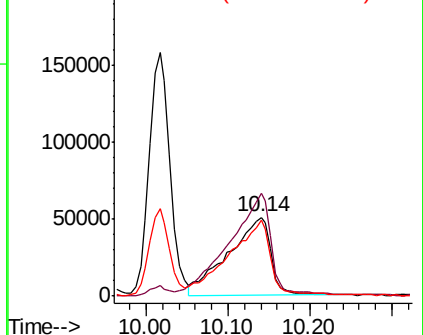
77 96.6 73.0 113.0

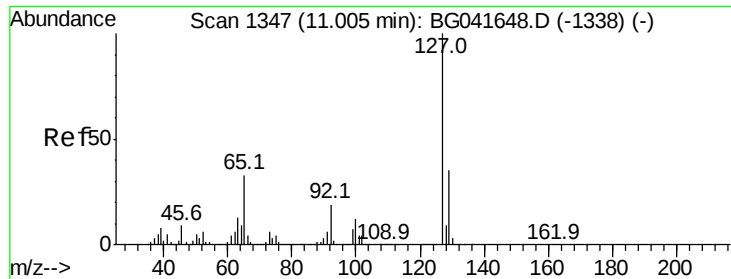


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

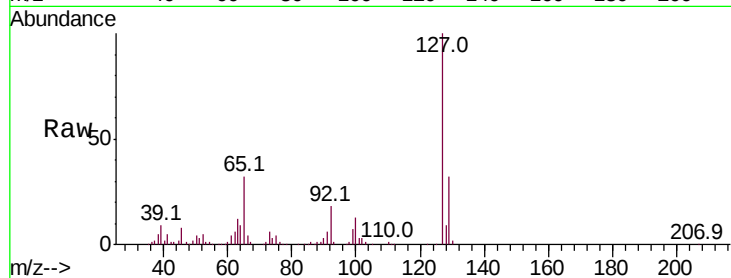




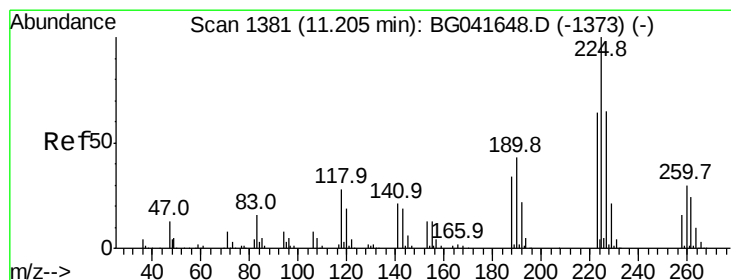
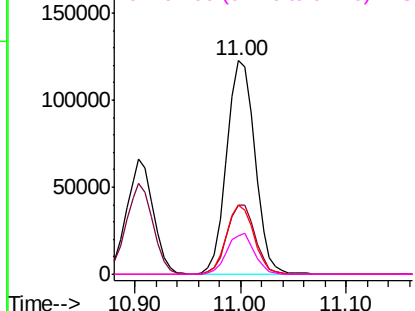
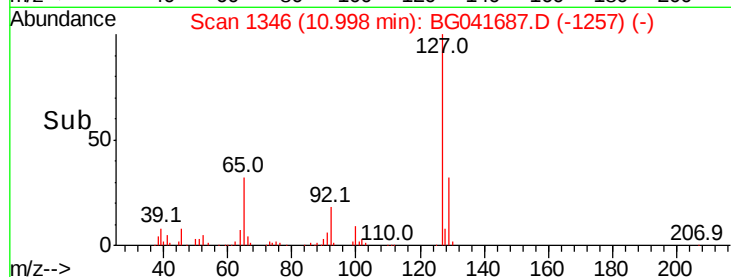
#33
4-Chloroaniline
Concen: 28.019 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PB121214BS

Tot Ion:	127	Resp:	225757
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.8
65	32.4	26.7	40.1
92	18.3	15.4	23.0

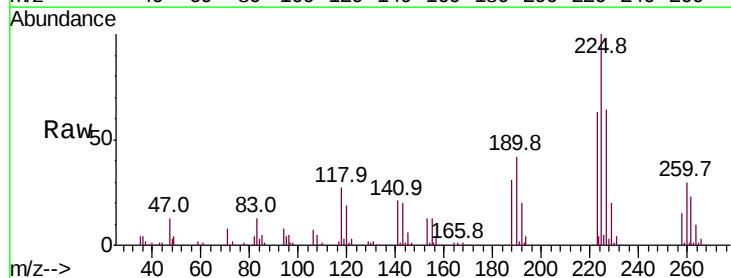


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

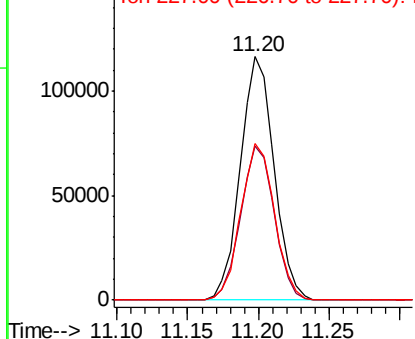
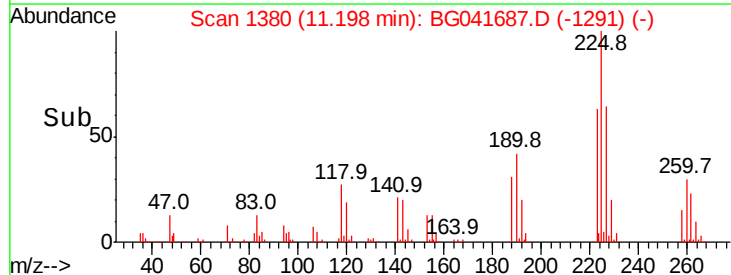


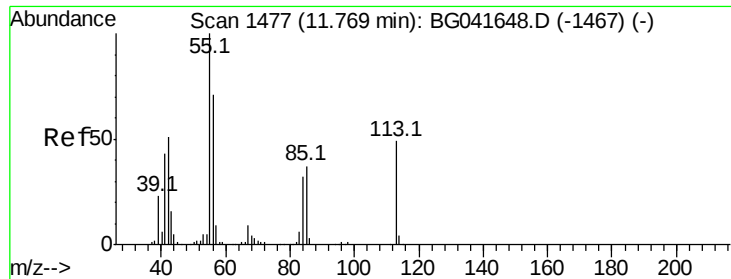
#34
Hexachlorobutadiene
Concen: 44.661 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Tgt Ion:	225	Resp:	194233
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.1	76.7
227	64.1	50.9	76.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 23.265 ng

RT: 11.76 min Scan# 1476

Delta R.T. -0.02 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Instrument :

BNA_G

ClientSampleId :

PB121214BS

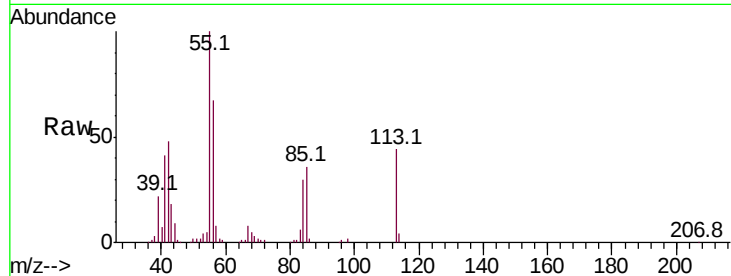
Tot Ion:113 Resp: 49281

Ion Ratio Lower Upper

113 100

55 225.6 199.4 239.4

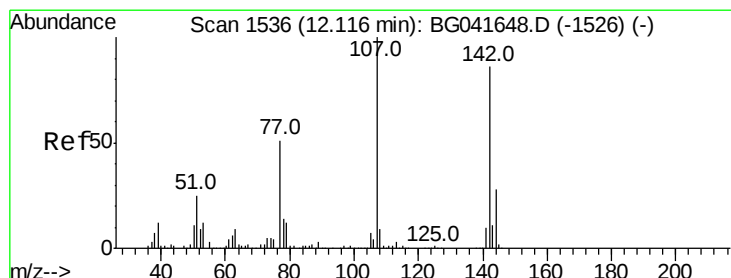
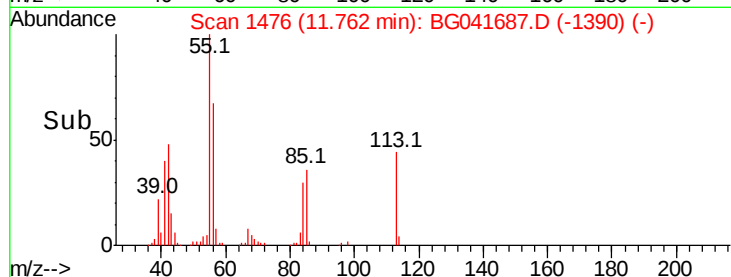
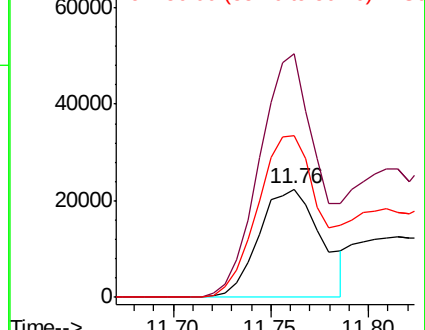
56 150.1 133.6 173.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 48.479 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

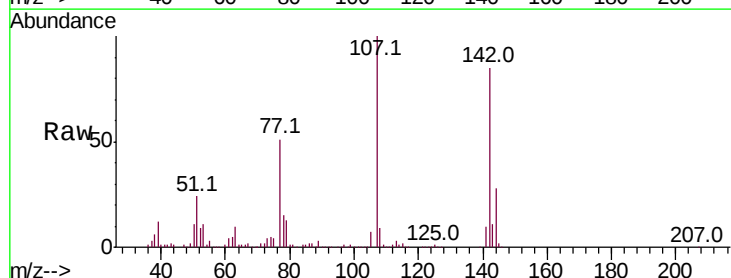
Tgt Ion:107 Resp: 292683

Ion Ratio Lower Upper

107 100

144 27.8 22.2 33.2

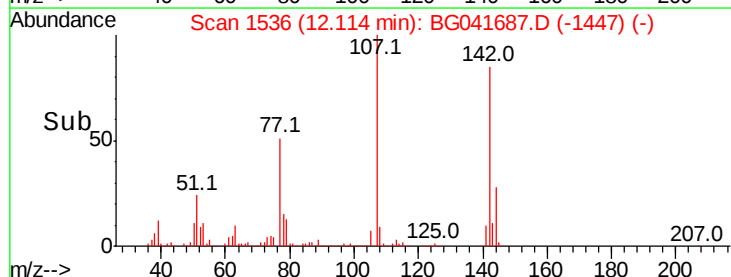
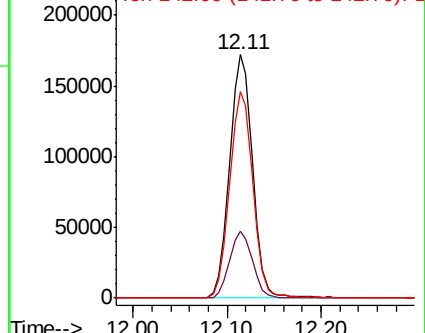
142 84.6 67.3 100.9

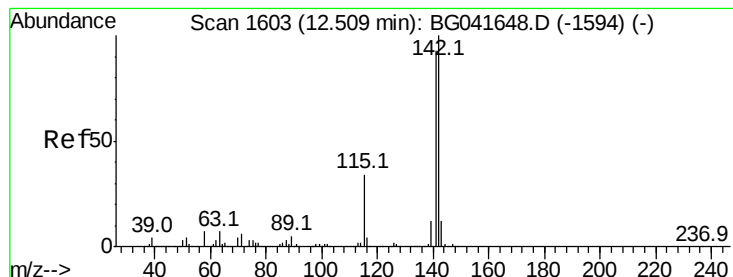


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.839 ng

RT: 12.50 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Instrument :

BNA_G

ClientSampleId :

PB121214BS

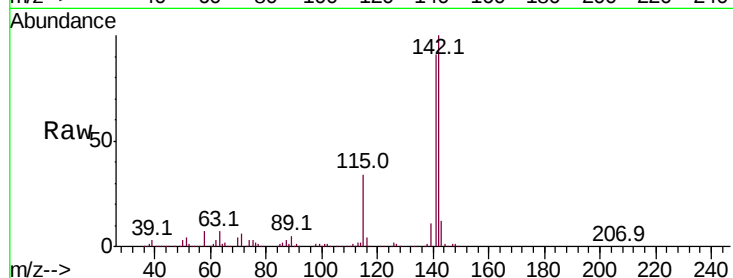
Tot Ion:142 Resp: 625086

Ion Ratio Lower Upper

142 100

141 91.2 72.7 109.1

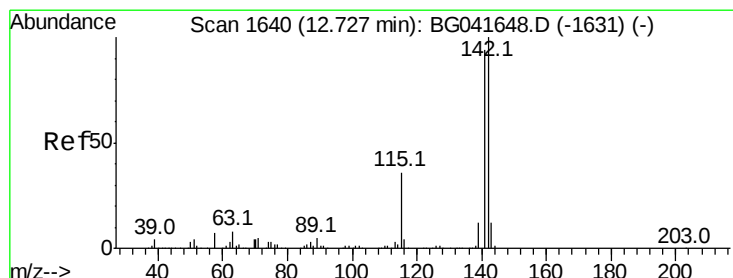
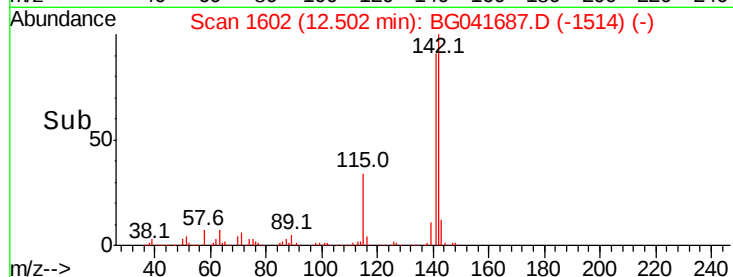
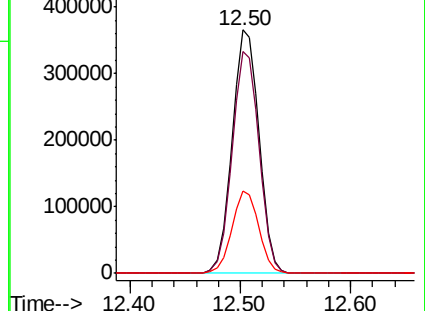
115 33.6 27.0 40.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 46.194 ng

RT: 12.72 min Scan# 1639

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

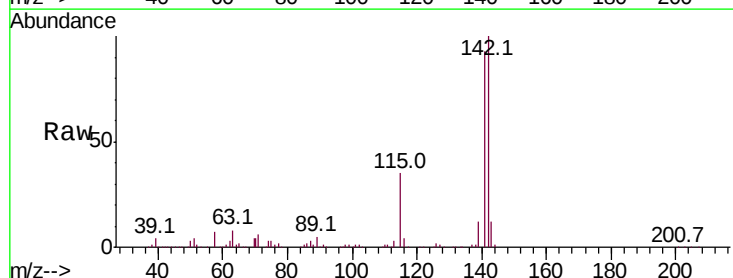
Tgt Ion:142 Resp: 587724

Ion Ratio Lower Upper

142 100

141 92.7 75.4 113.2

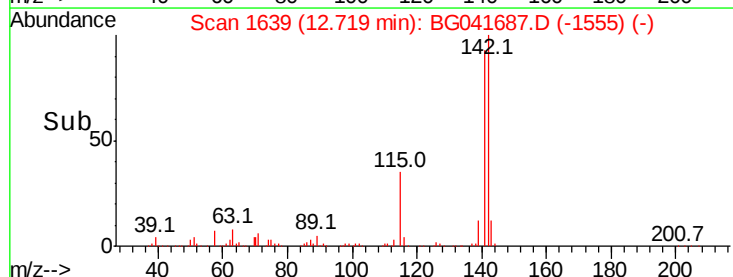
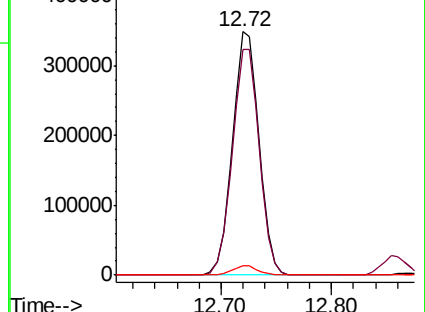
116 3.9 3.2 4.8

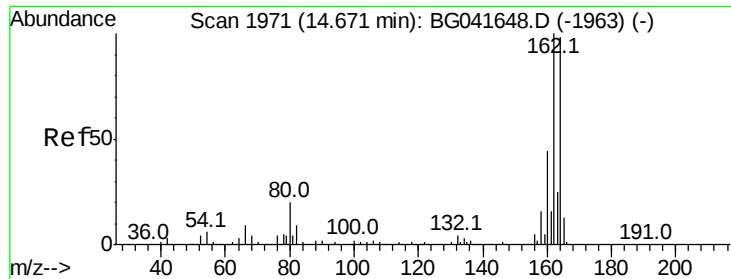


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

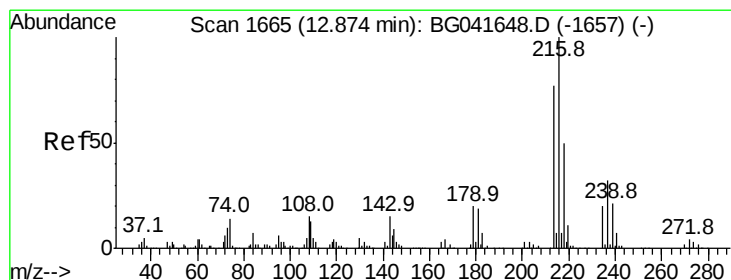
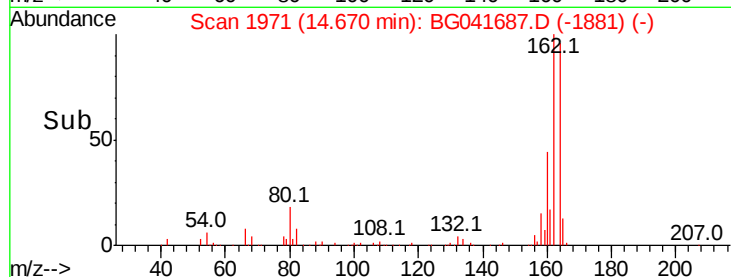
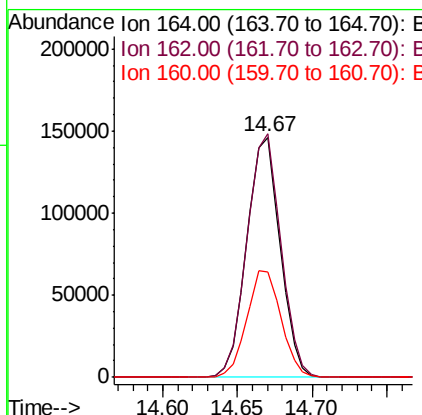
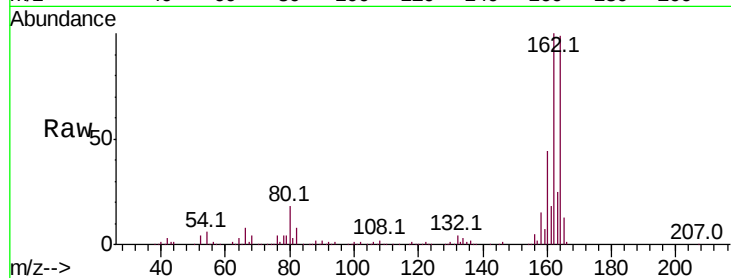




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

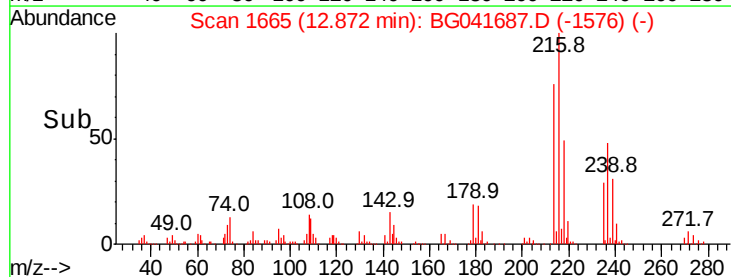
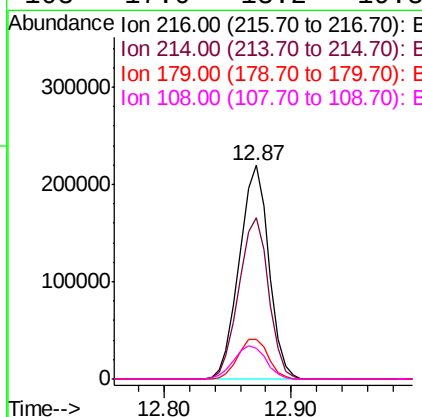
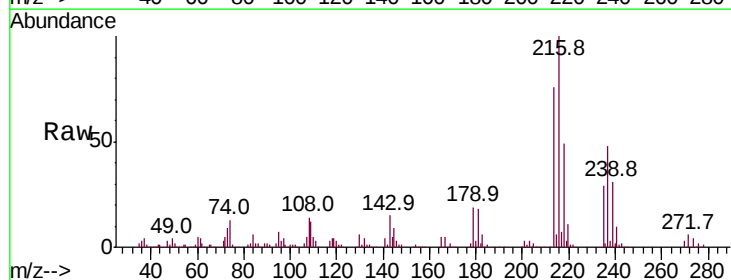
Instrument :
BNA_G
ClientSampleId :
PB121214BS

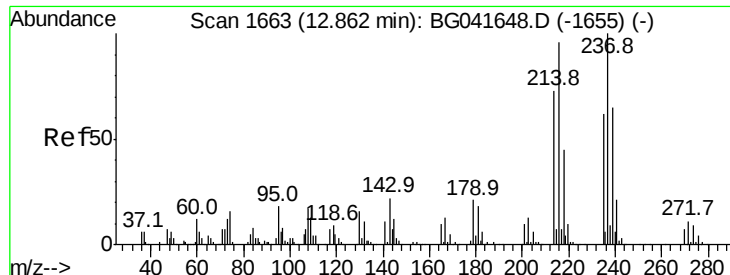
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	79.6	119.4
160	44.2	35.4	53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.787 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.1	61.5	92.3
179	19.2	16.2	24.2
108	17.0	13.2	19.8

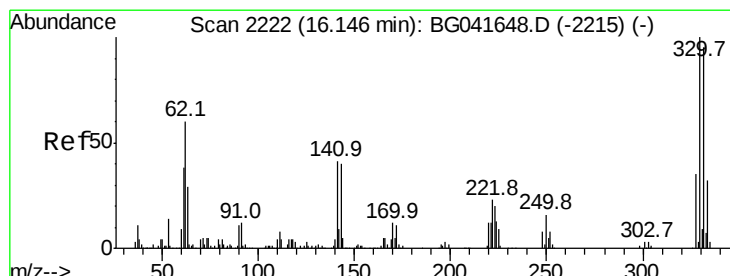
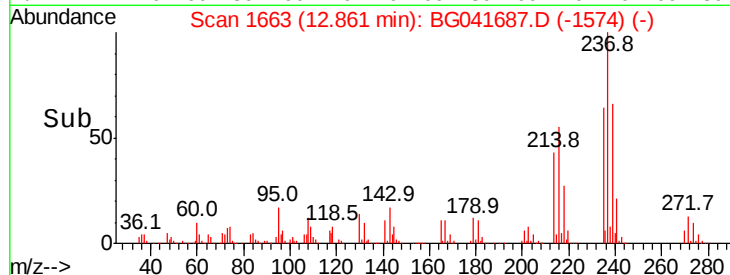
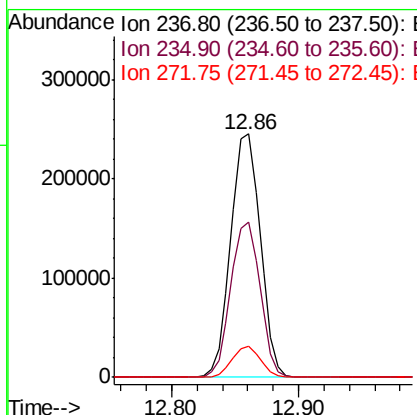
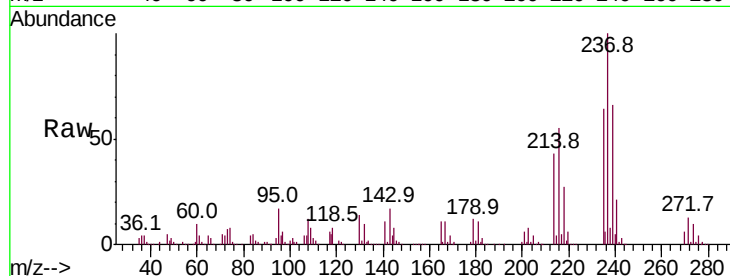




#41
 Hexachlorocyclopentadiene
 Concen: 90.552 ng
 RT: 12.86 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

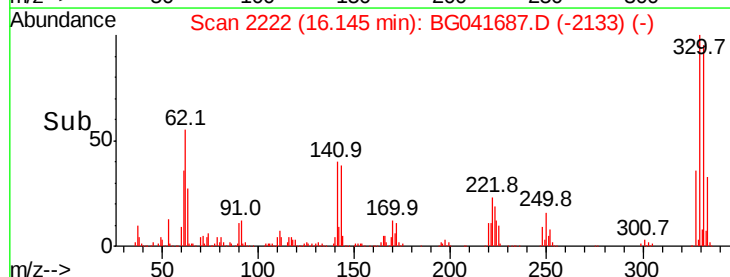
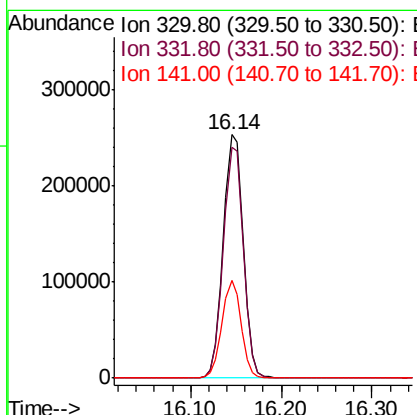
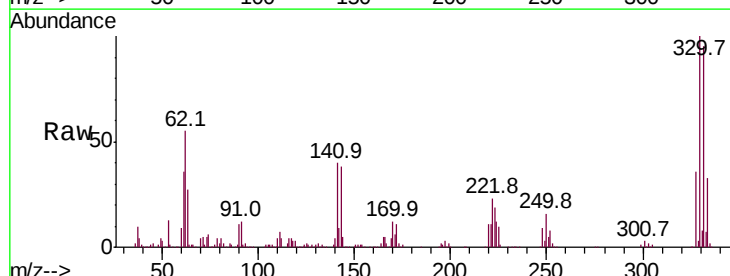
Instrument :
 BNA_G
 ClientSampleId :
 PB121214BS

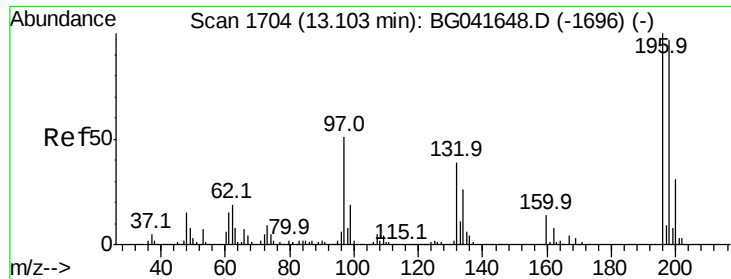
Tot Ion:	237	Resp:	396266
Ion	Ratio	Lower	Upper
237	100		
235	63.9	43.5	83.5
272	12.6	0.0	31.2



#42
 2,4,6-Tribromophenol
 Concen: 152.551 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

Tgt Ion:	330	Resp:	388279
Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.4	116.0
141	38.3	31.9	47.9

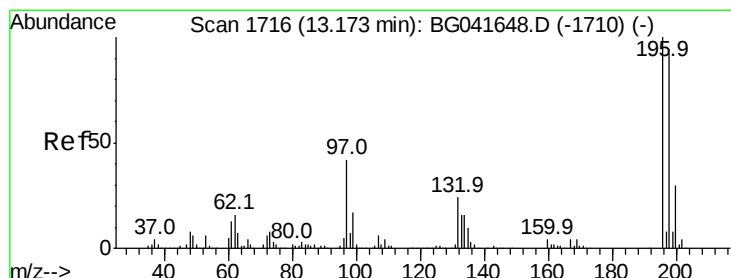
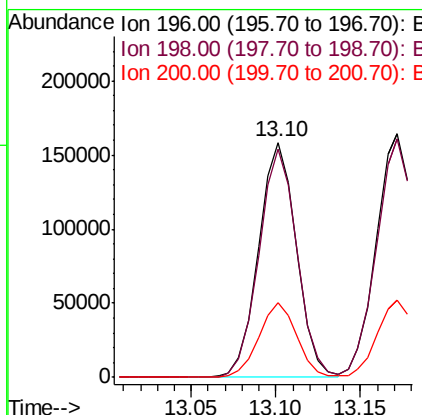
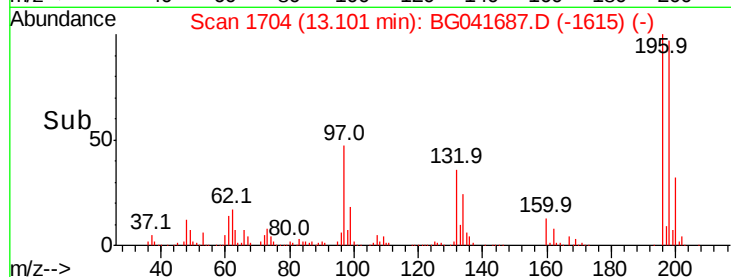
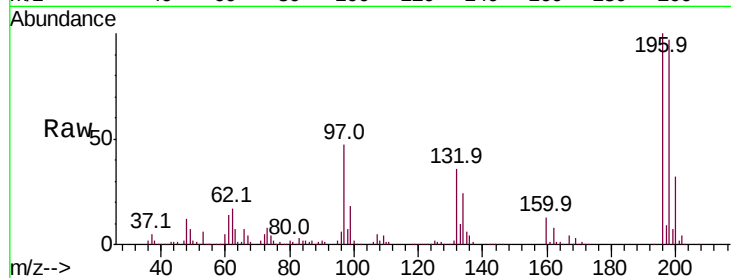




#43
 2,4,6-Trichlorophenol
 Concen: 49.090 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

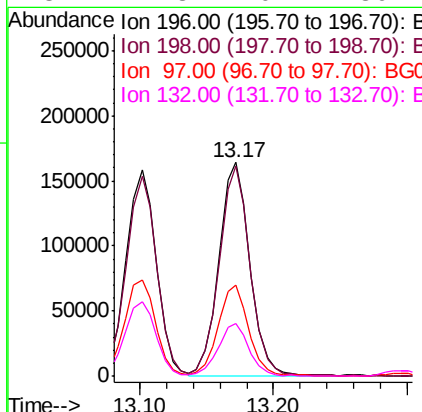
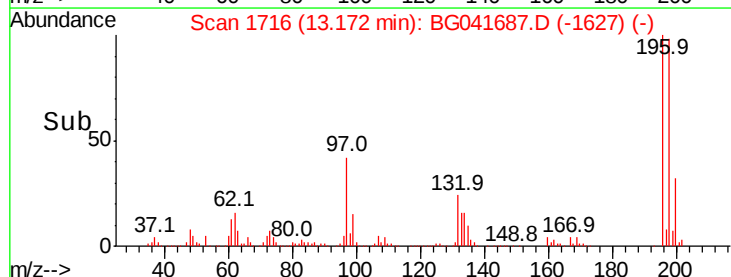
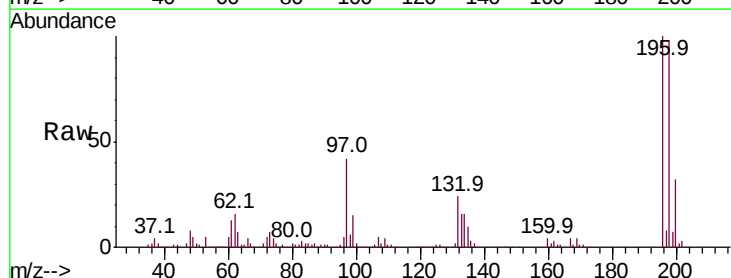
Instrument :
 BNA_G
 ClientSampleId :
 PB121214BS

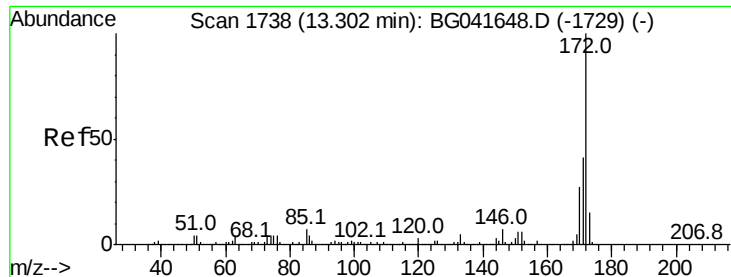
Tot Ion:196 Resp: 246753
 Ion Ratio Lower Upper
 196 100
 198 97.2 79.6 119.4
 200 31.7 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 50.206 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

Tgt Ion:196 Resp: 265893
 Ion Ratio Lower Upper
 196 100
 198 98.1 80.6 121.0
 97 42.3 33.9 50.9
 132 24.3 20.2 30.2

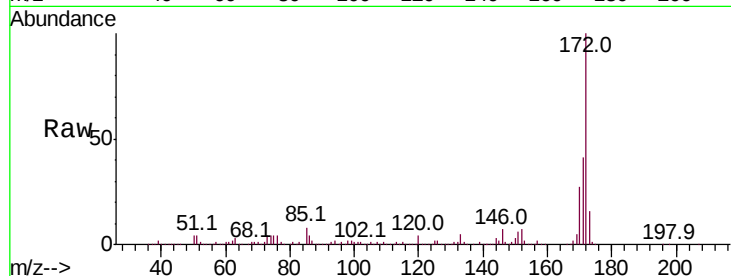




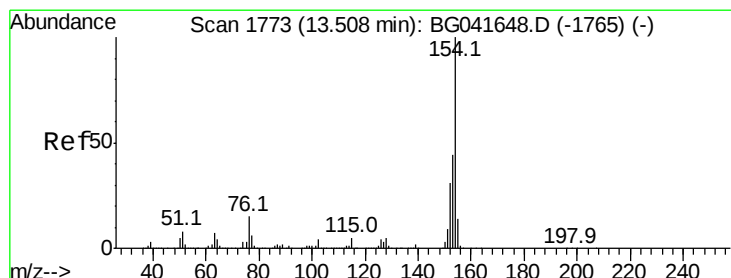
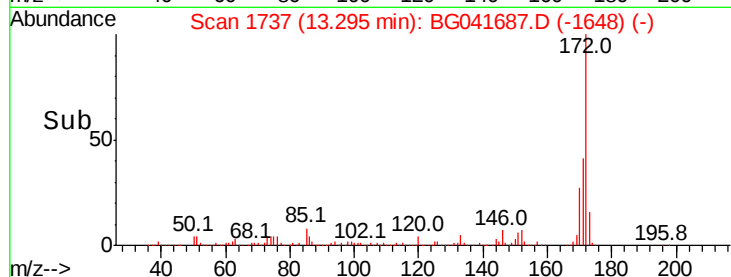
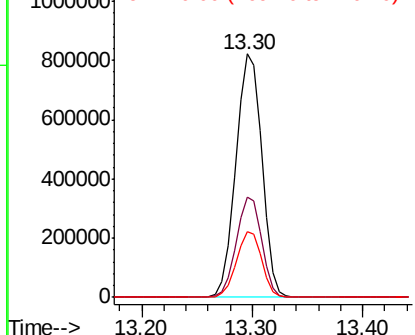
#45
2-Fluorobiphenyl
Concen: 93.418 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PB121214BS

Tot Ion:172 Resp: 1362481
Ion Ratio Lower Upper
172 100
171 41.2 35.0 52.4
170 27.1 23.5 35.3

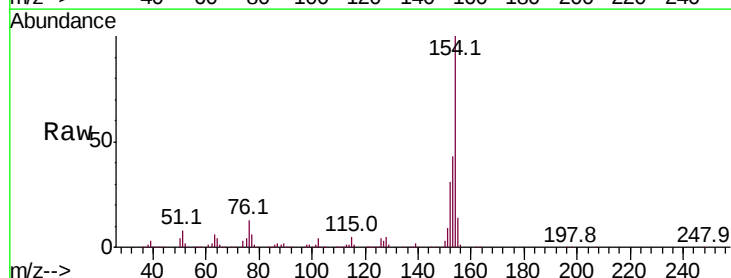


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

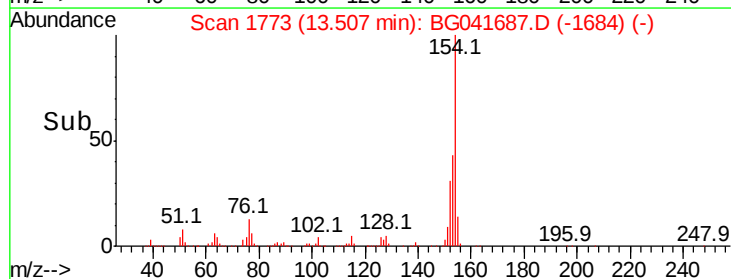
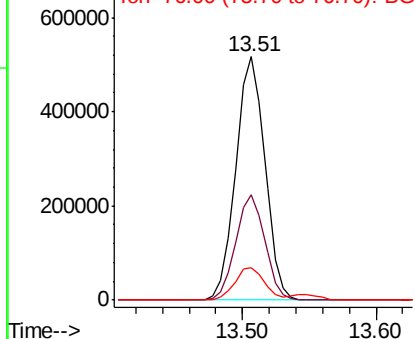


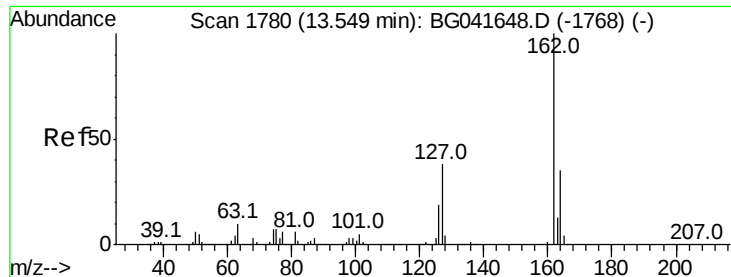
#46
1,1'-Biphenyl
Concen: 46.045 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Tgt Ion:154 Resp: 779085
Ion Ratio Lower Upper
154 100
153 43.3 25.0 65.0
76 13.3 0.0 34.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

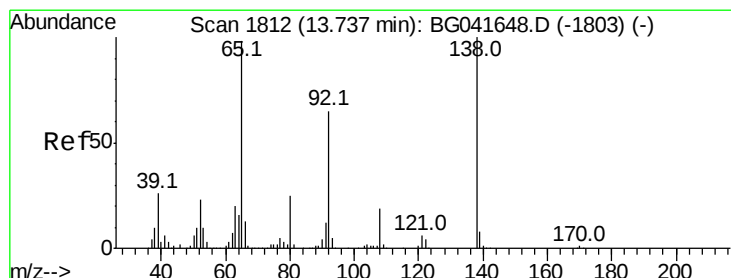
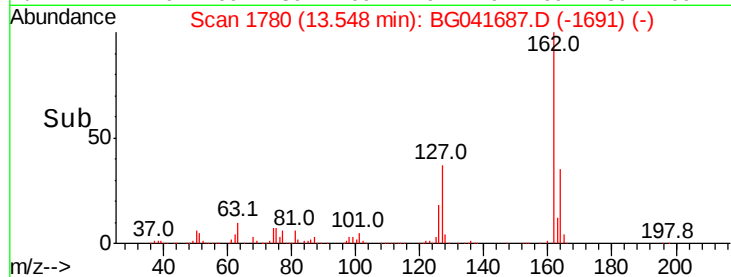
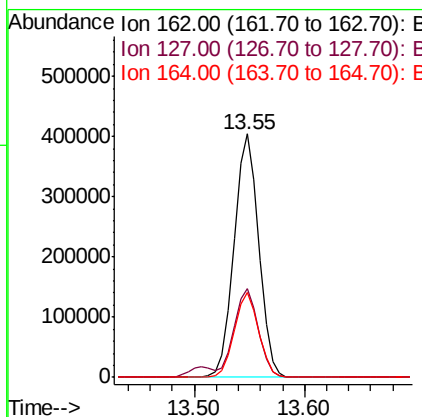
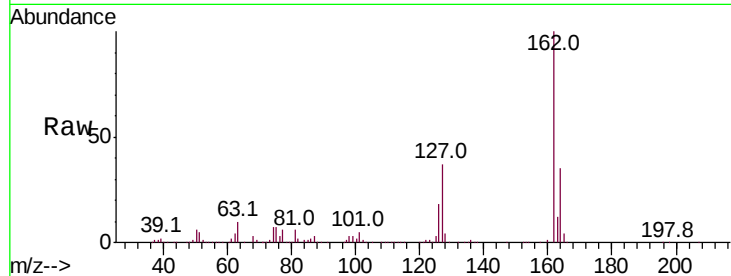




#47
 2-Chloronaphthalene
 Concen: 44.934 ng
 RT: 13.55 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

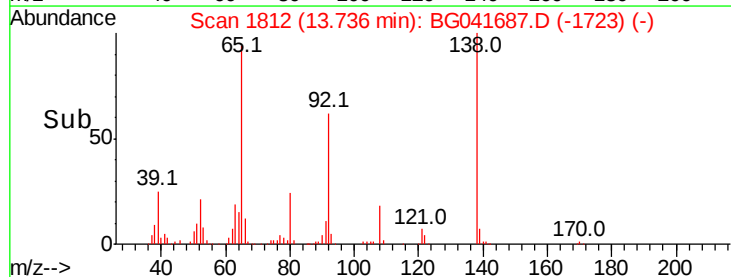
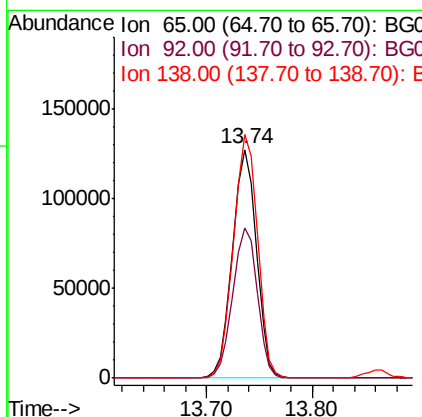
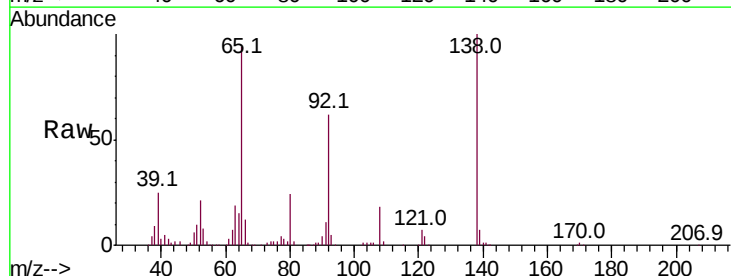
Instrument :
 BNA_G
 ClientSampleId :
 PB121214BS

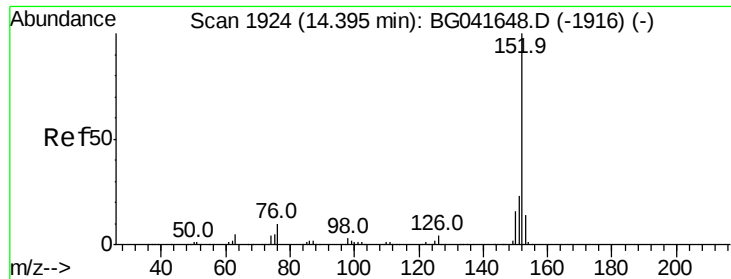
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.6	30.4	45.6
164	34.7	28.6	42.8



#48
 2-Nitroaniline
 Concen: 48.797 ng
 RT: 13.74 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.0	53.9	80.9
138	106.6	83.5	125.3





#49

Acenaphthylene

Concen: 46.101 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Instrument :

BNA_G

ClientSampleId :

PB121214BS

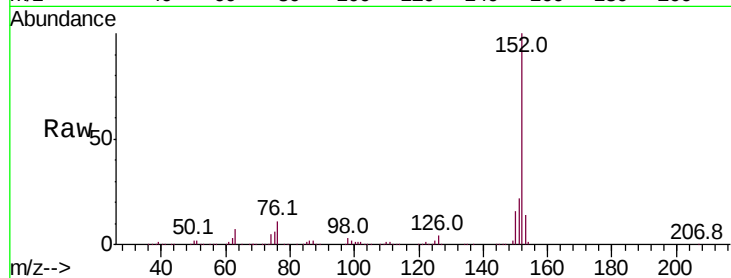
Tot Ion:152 Resp: 1014859

Ion Ratio Lower Upper

152 100

151 22.3 18.7 28.1

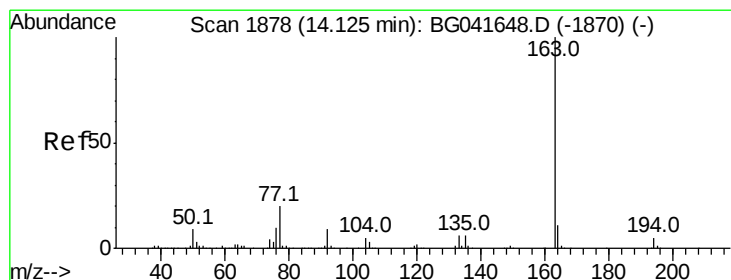
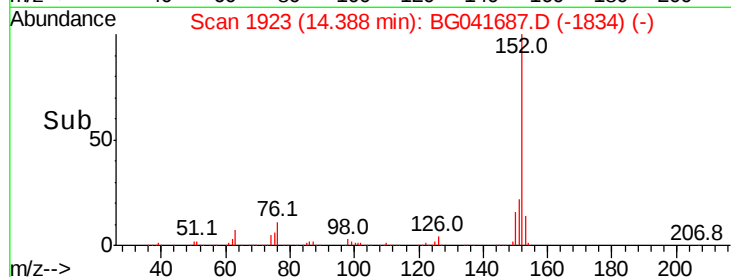
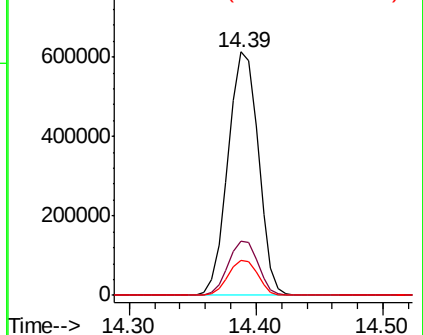
153 14.5 12.4 18.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.325 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

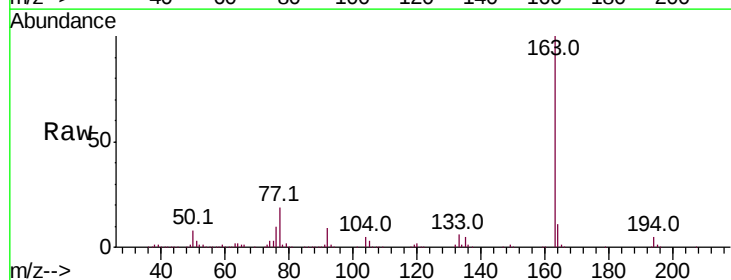
Tgt Ion:163 Resp: 821692

Ion Ratio Lower Upper

163 100

194 5.1 4.2 6.2

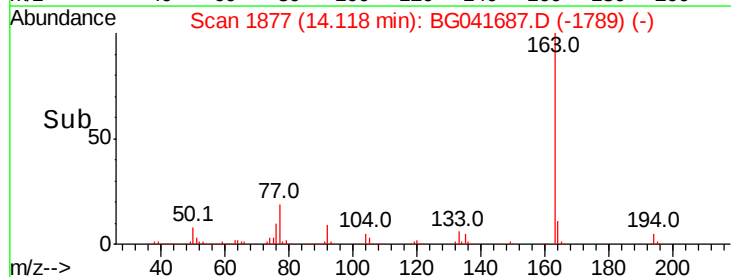
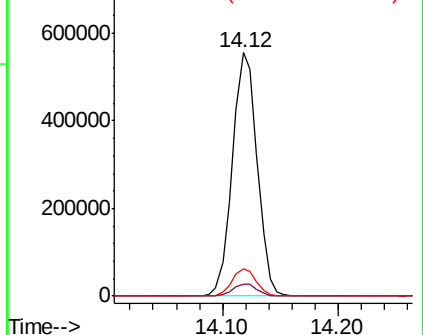
164 11.4 9.4 14.2

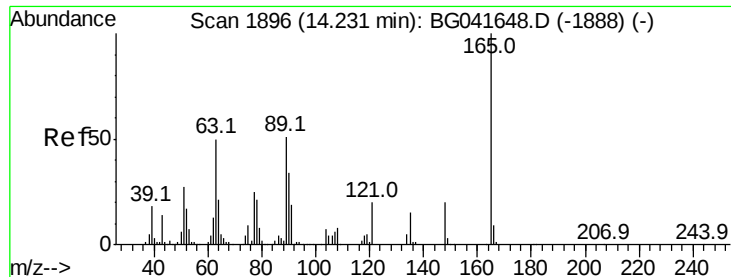


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

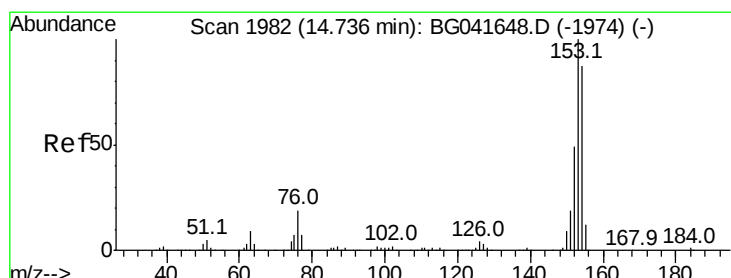
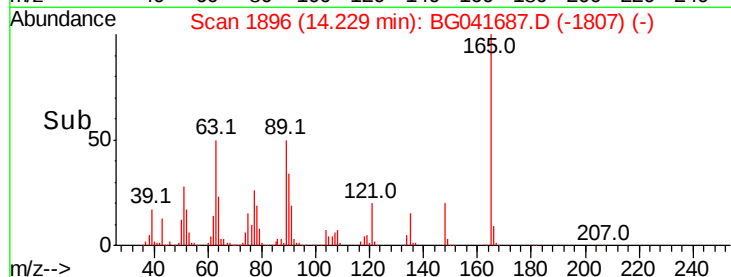
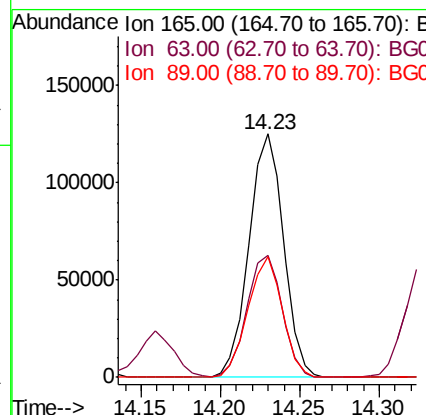
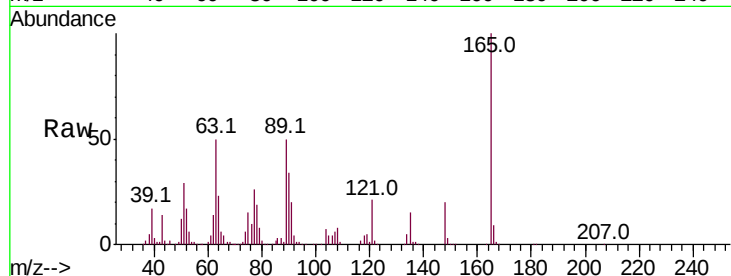




#51
2,6-Dinitrotoluene
Concen: 50.466 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

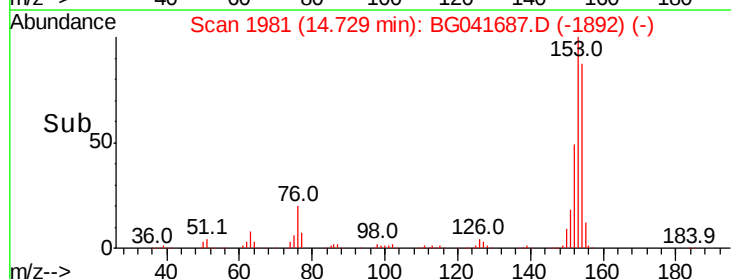
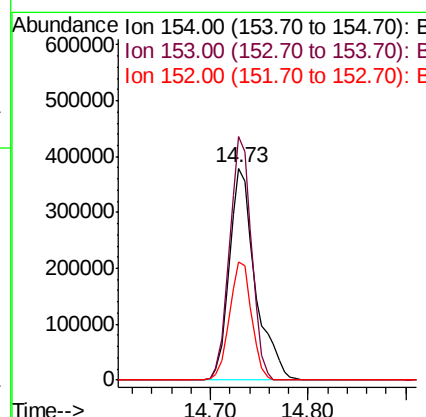
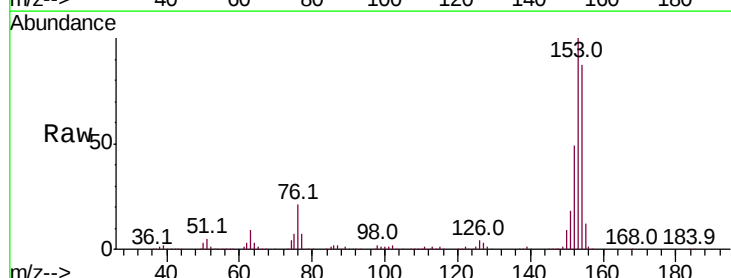
Instrument :
BNA_G
ClientSampleId :
PB121214BS

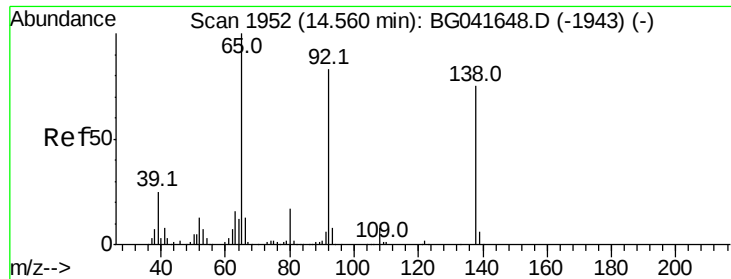
Tot Ion:165 Resp: 189872
Ion Ratio Lower Upper
165 100
63 50.3 42.4 63.6
89 49.8 42.1 63.1



#52
Acenaphthene
Concen: 50.347 ng
RT: 14.73 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Tgt Ion:154 Resp: 698439
Ion Ratio Lower Upper
154 100
153 115.0 89.8 134.6
152 55.9 44.9 67.3





#53

3-Nitroaniline

Concen: 33.547 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Instrument :

BNA_G

ClientSampleId :

PB121214BS

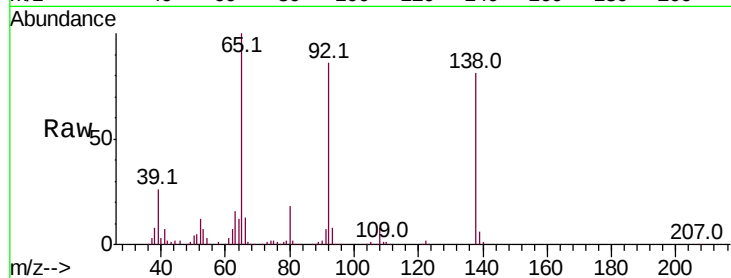
Tot Ion:138 Resp: 137779

Ion Ratio Lower Upper

138 100

108 10.5 10.3 15.5

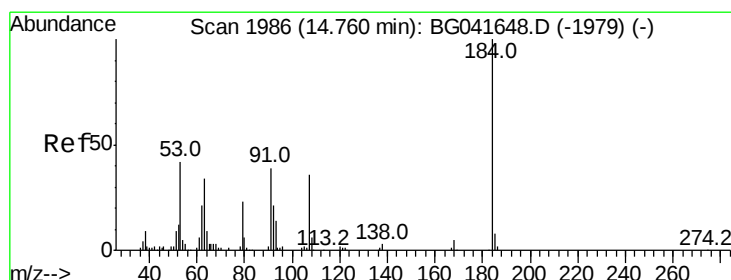
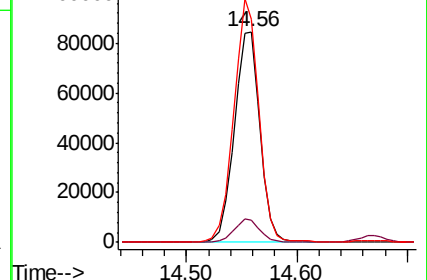
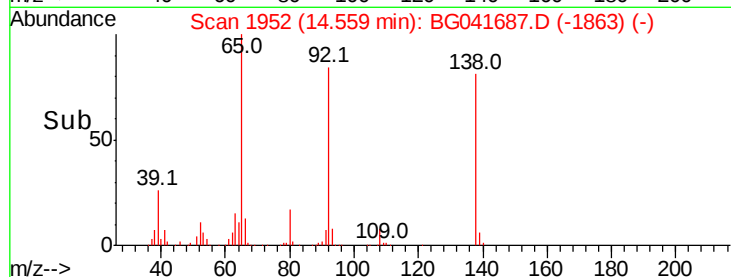
92 105.9 93.0 139.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 104.260 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

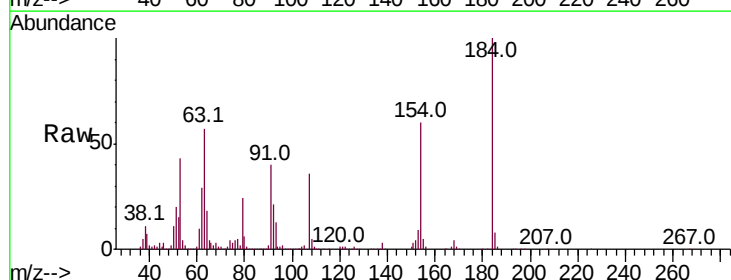
Tgt Ion:184 Resp: 203180

Ion Ratio Lower Upper

184 100

63 56.7 43.2 64.8

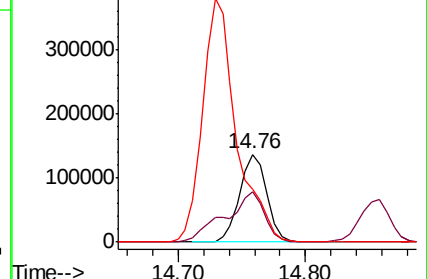
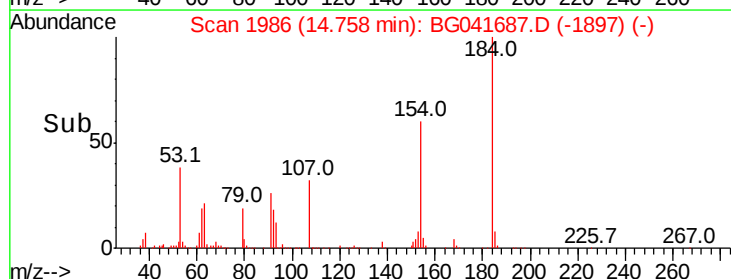
154 60.1 51.4 77.2

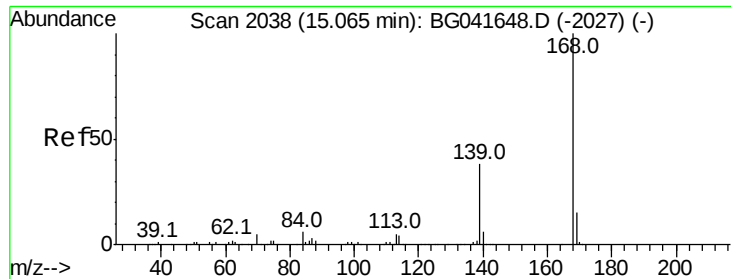


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

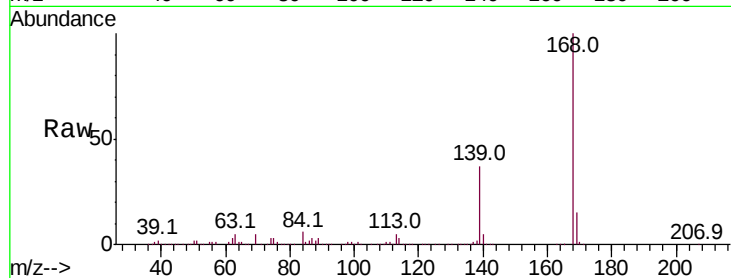




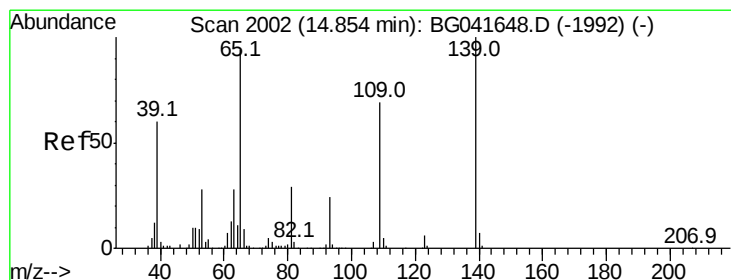
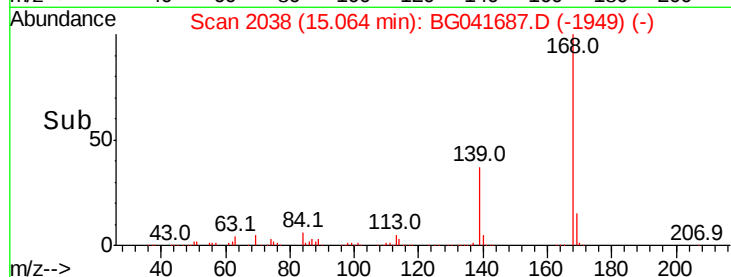
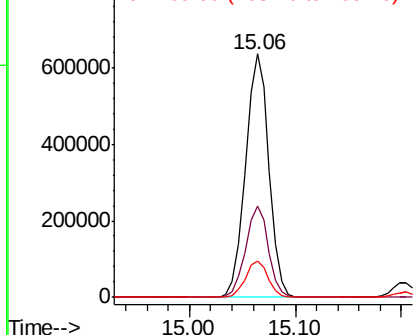
#55
Dibenzenofuran
Concen: 46.626 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PB121214BS

Tot Ion:168 Resp: 970615
Ion Ratio Lower Upper
168 100
139 37.5 31.9 47.9
169 14.8 12.5 18.7

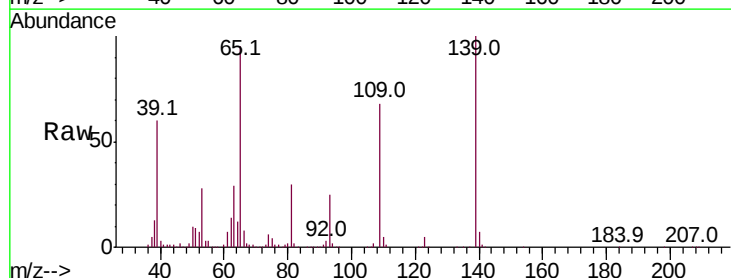


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

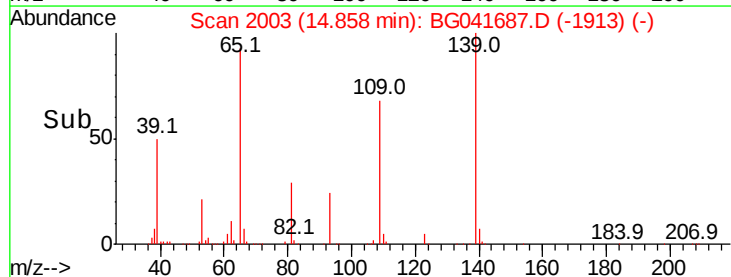
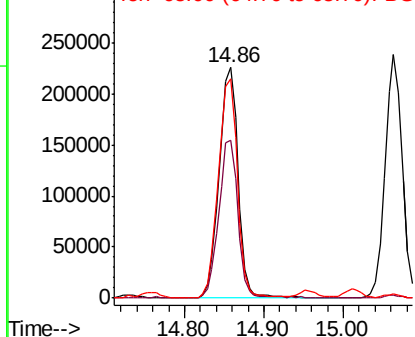


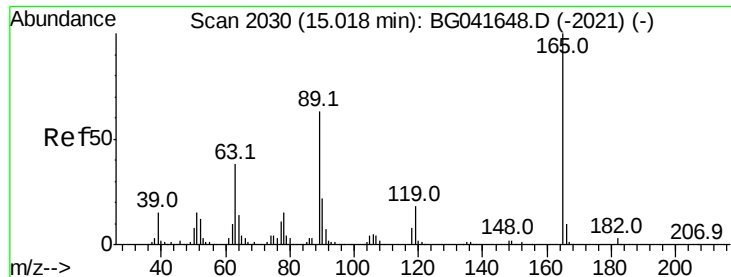
#56
4-Nitrophenol
Concen: 113.314 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Tgt Ion:139 Resp: 376790
Ion Ratio Lower Upper
139 100
109 68.4 51.3 91.3
65 95.0 77.6 117.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

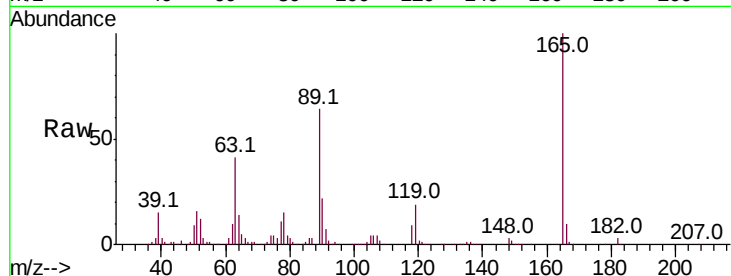




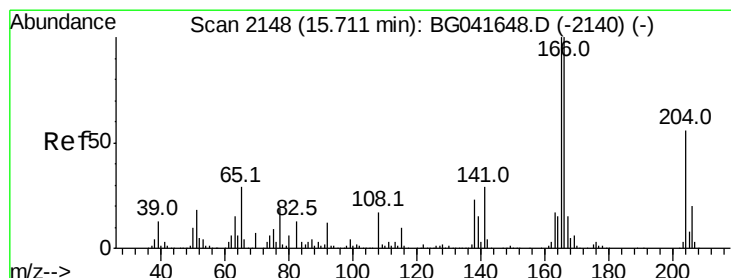
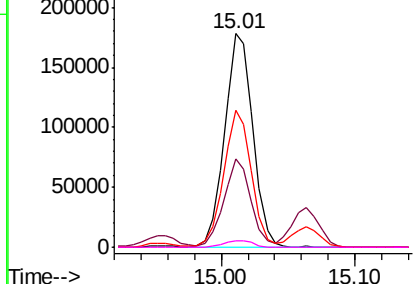
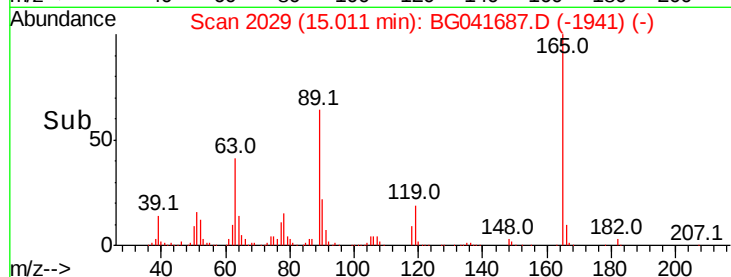
#57
2,4-Dinitrotoluene
Concen: 53.105 ng
RT: 15.01 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PB121214BS

Tot Ion:165 Resp: 264114
Ion Ratio Lower Upper
165 100
63 41.3 31.7 47.5
89 64.1 50.2 75.4
182 3.3 2.6 4.0

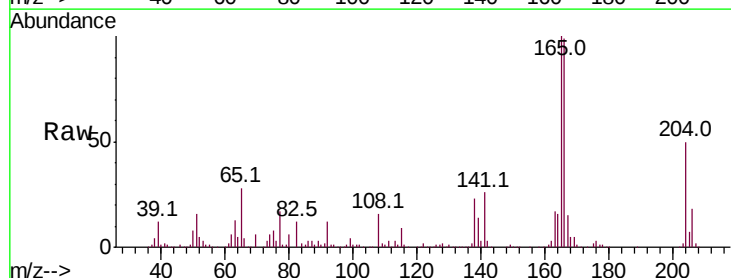


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

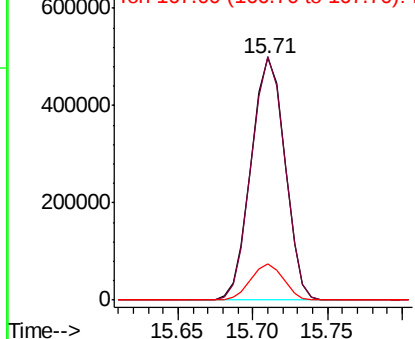
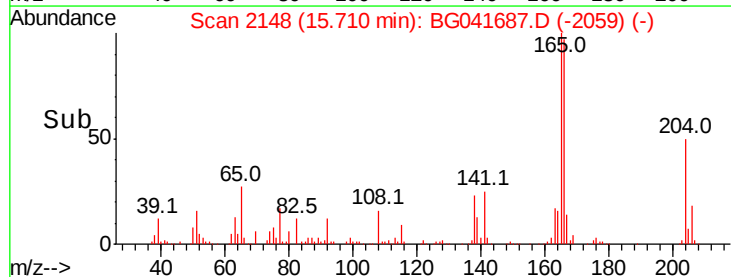


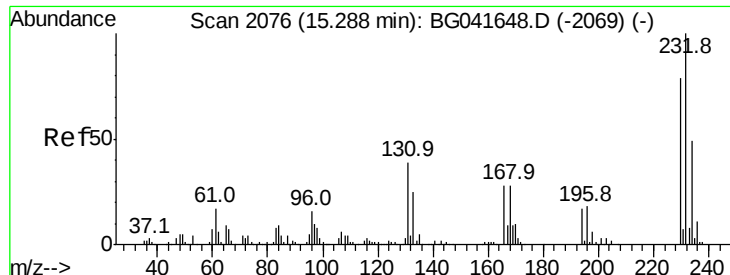
#58
Fluorene
Concen: 46.072 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Tgt Ion:166 Resp: 780396
Ion Ratio Lower Upper
166 100
165 100.7 80.5 120.7
167 15.0 12.4 18.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

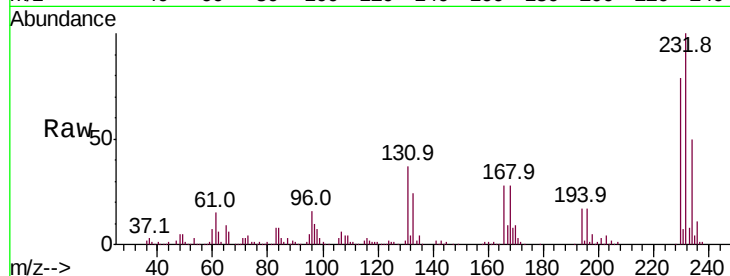




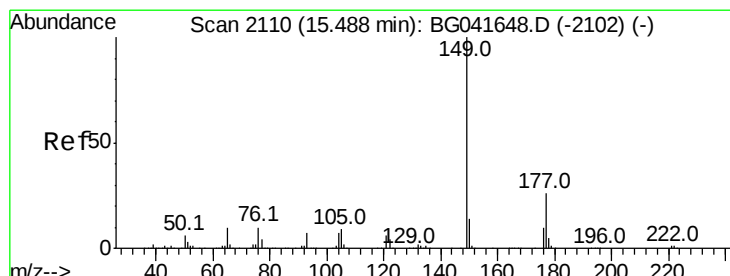
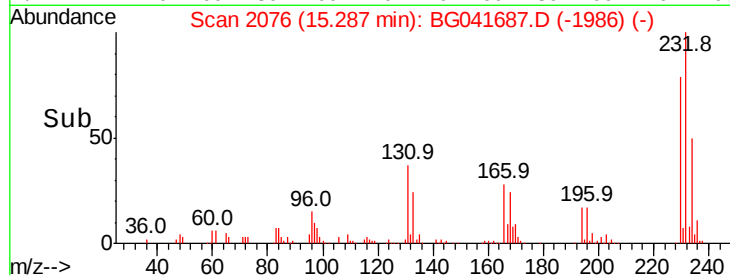
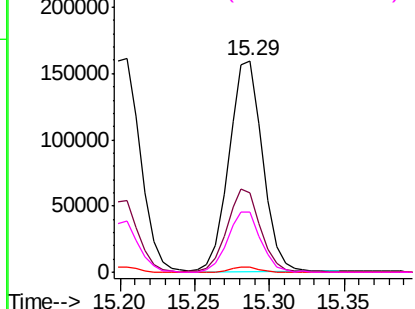
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.146 ng
 RT: 15.29 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

Instrument :
 BNA_G
 ClientSampleId :
 PB121214BS

Tot Ion:	232	Resp:	250066
Ion	Ratio	Lower	Upper
232	100		
131	39.5	31.8	47.6
130	2.1	1.8	2.8
166	28.6	23.5	35.3

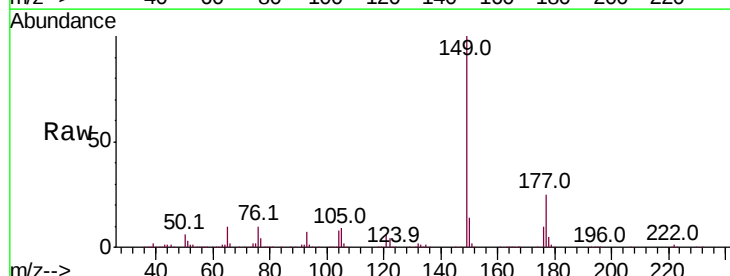


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

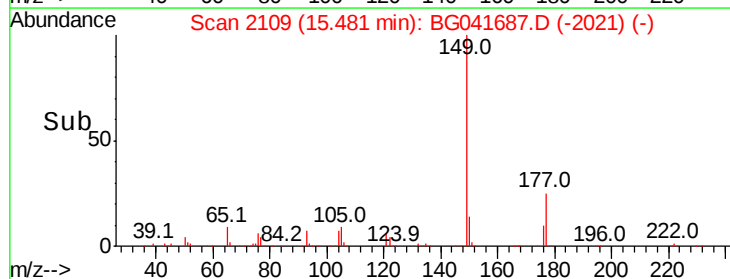
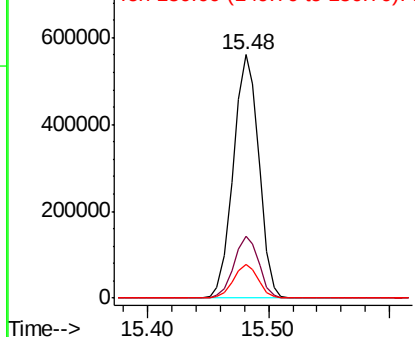


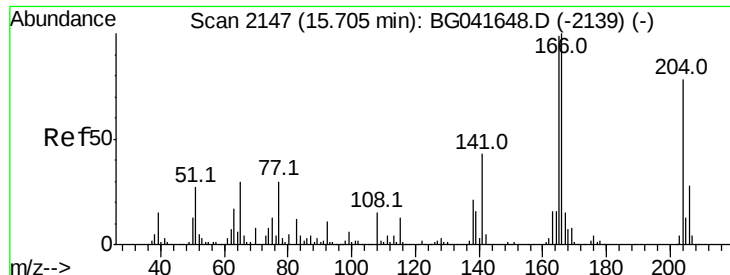
#60
 Diethylphthalate
 Concen: 46.139 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

Tgt Ion:	149	Resp:	824465
Ion	Ratio	Lower	Upper
149	100		
177	25.1	20.7	31.1
150	13.9	11.5	17.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

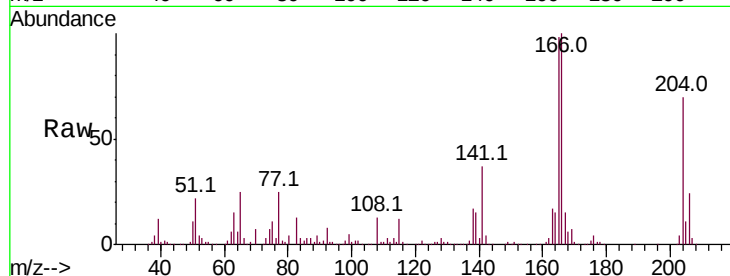




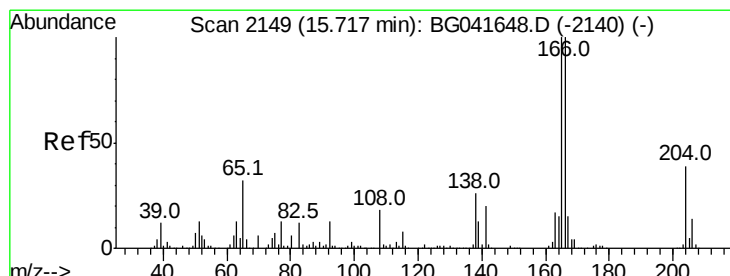
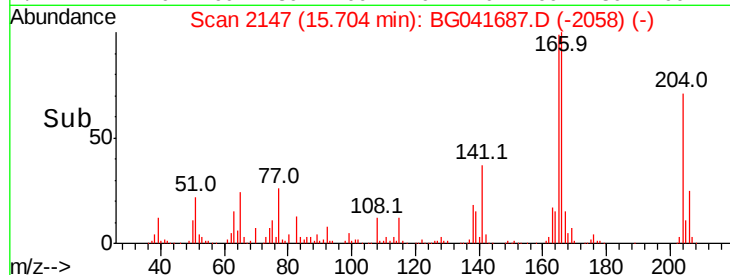
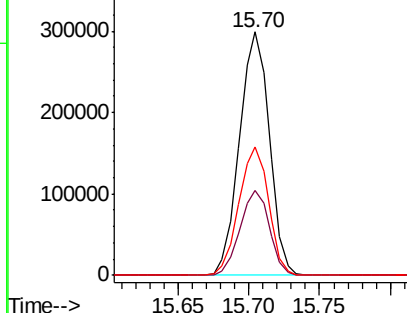
#61
4-Chlorophenyl-phenylether
Concen: 46.217 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PB121214BS

Tot Ion:204 Resp: 442523
Ion Ratio Lower Upper
204 100
206 34.9 28.6 42.8
141 52.5 42.9 64.3

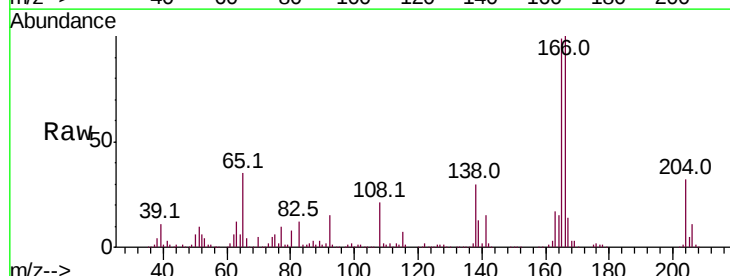


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

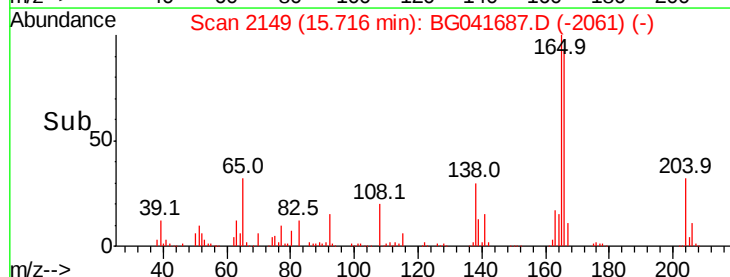
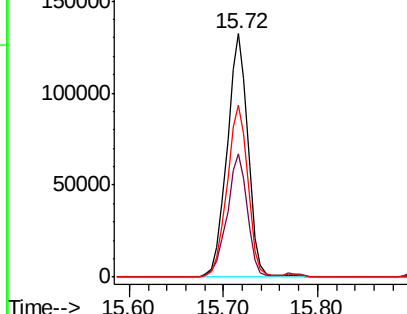


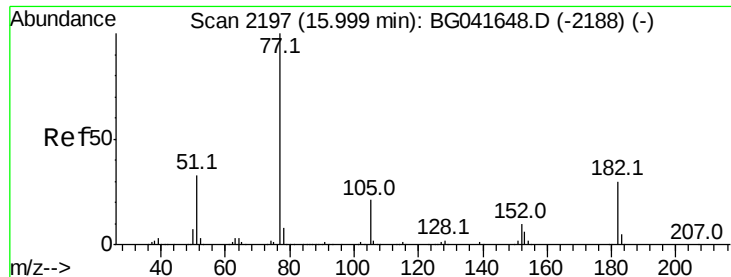
#62
4-Nitroaniline
Concen: 47.598 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Tgt Ion:138 Resp: 207328
Ion Ratio Lower Upper
138 100
92 50.4 29.8 69.8
108 70.9 52.2 92.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 45.590 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Instrument :

BNA_G

ClientSampleId :

PB121214BS

Tot Ion: 77 Resp: 736517

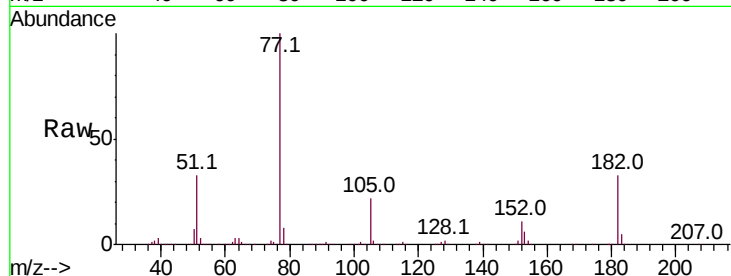
Ion Ratio Lower Upper

77 100

182 32.8 13.2 53.2

105 21.7 2.2 42.2

51 32.7 14.6 54.6

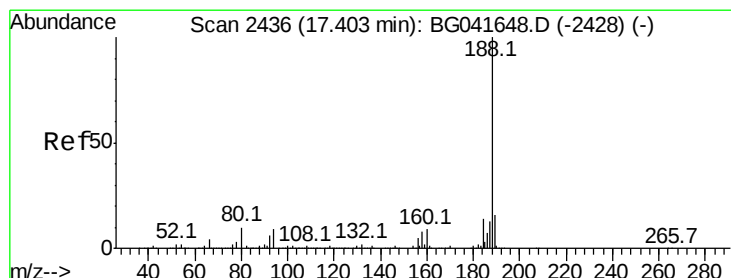
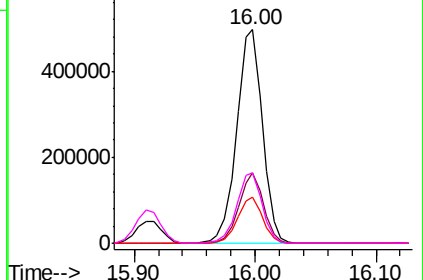
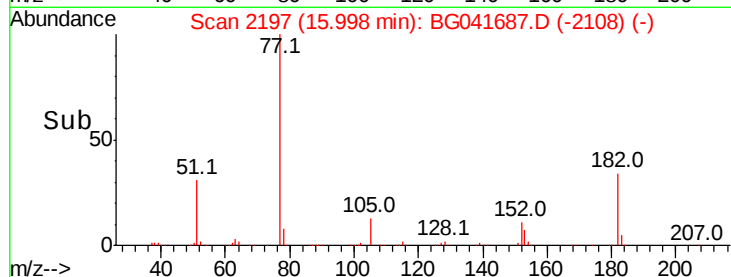


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

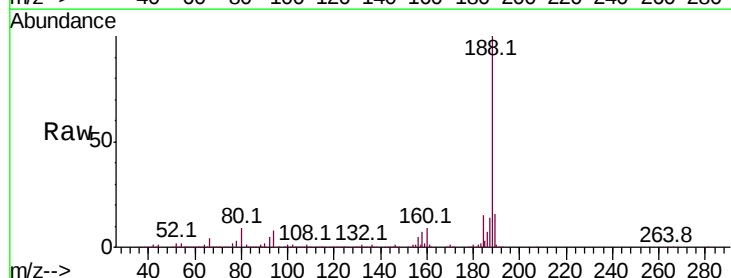
Tgt Ion: 188 Resp: 546751

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

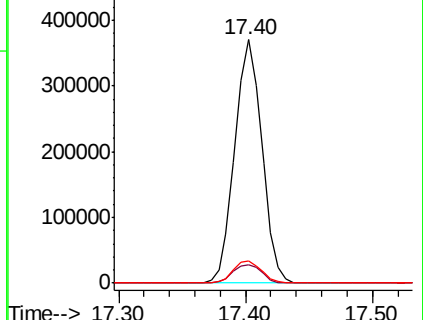
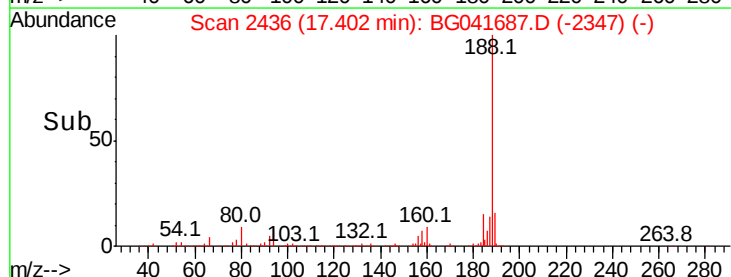
80 9.2 8.0 12.0

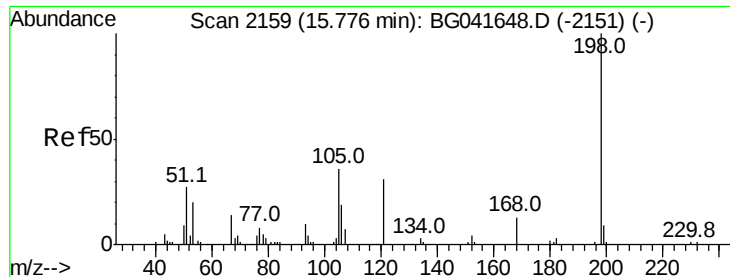


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

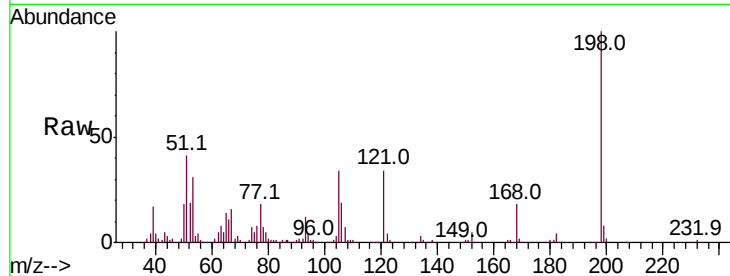




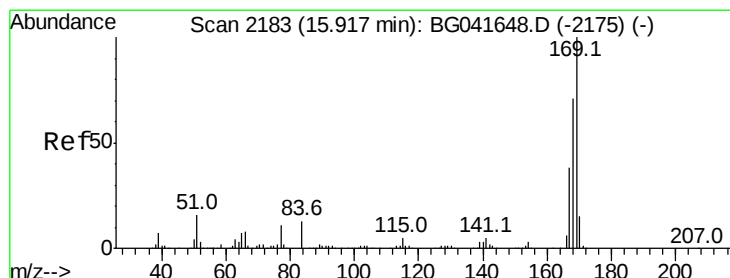
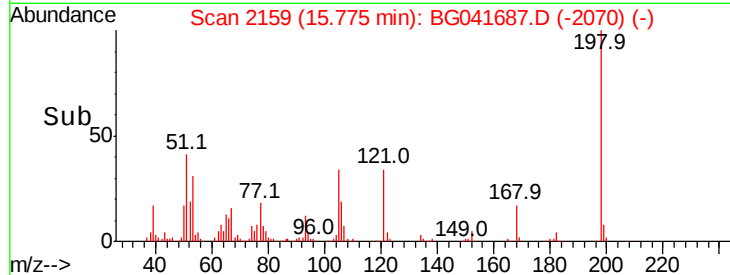
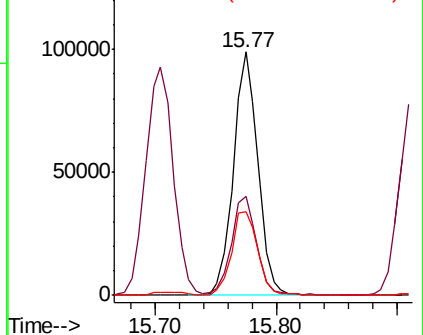
#65
4,6-Dinitro-2-methylphenol
Concen: 52.986 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PB121214BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	40.6	22.3	62.3
105	34.2	18.0	58.0

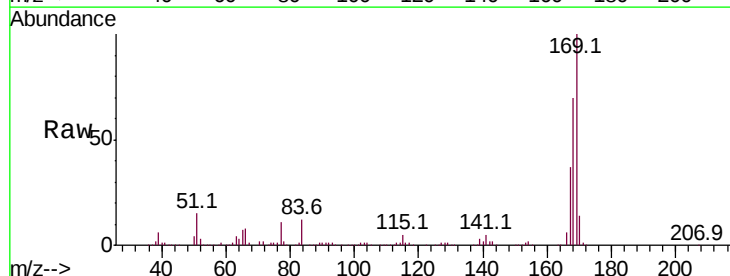


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

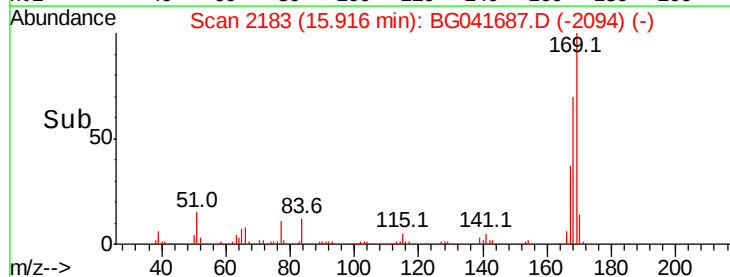
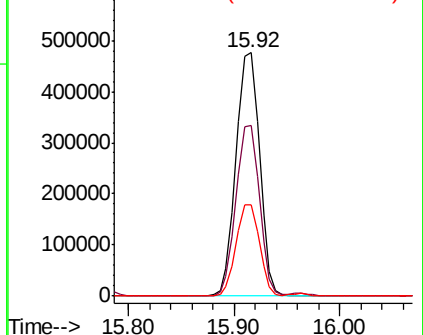


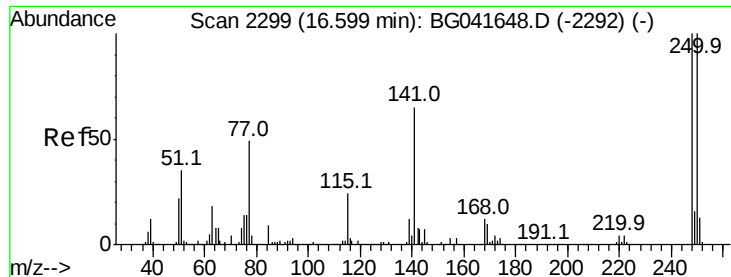
#66
n-Nitrosodiphenylamine
Concen: 45.716 ng
RT: 15.92 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.2	56.9	85.3
167	37.2	31.5	47.3



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

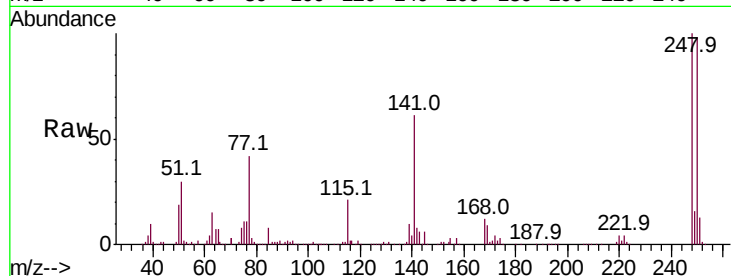




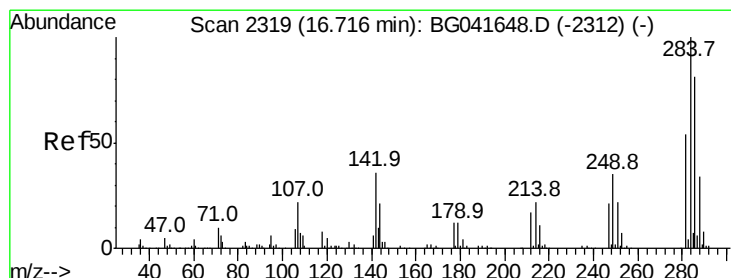
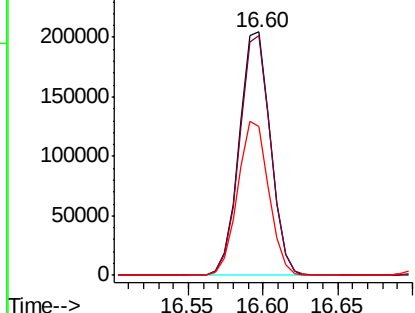
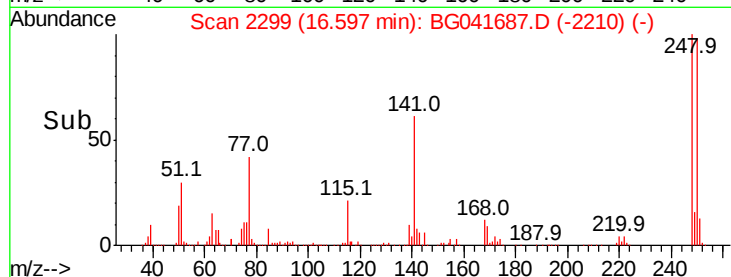
#67
 4-Bromophenyl-phenylether
 Concen: 45.405 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

Instrument :
 BNA_G
 ClientSampleId :
 PB121214BS

Tot Ion:248 Resp: 295387
 Ion Ratio Lower Upper
 248 100
 250 98.5 78.1 117.1
 141 61.1 49.6 74.4

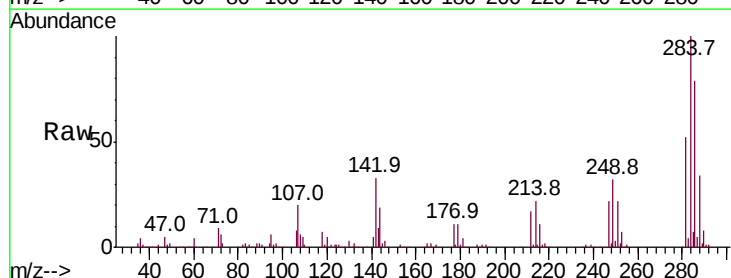


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

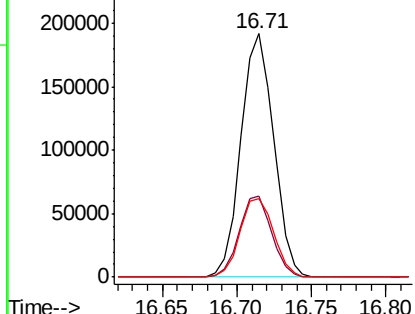
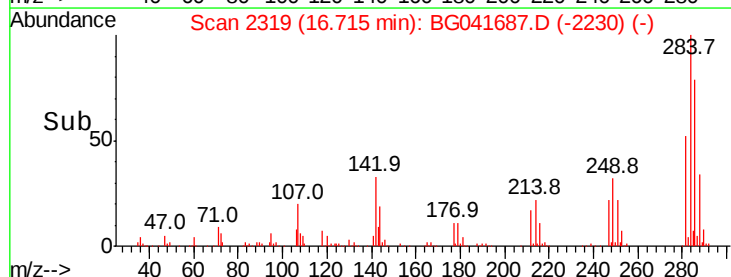


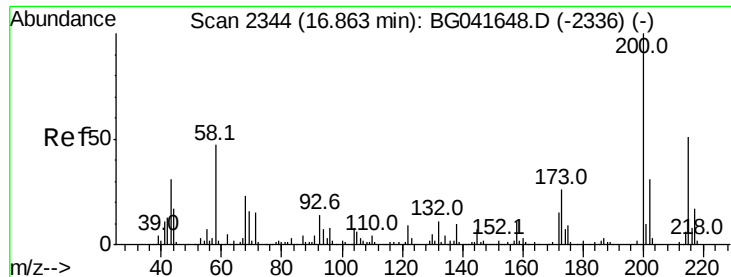
#68
 Hexachlorobenzene
 Concen: 44.387 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

Tgt Ion:284 Resp: 290783
 Ion Ratio Lower Upper
 284 100
 142 33.2 27.0 40.6
 249 32.5 28.4 42.6



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

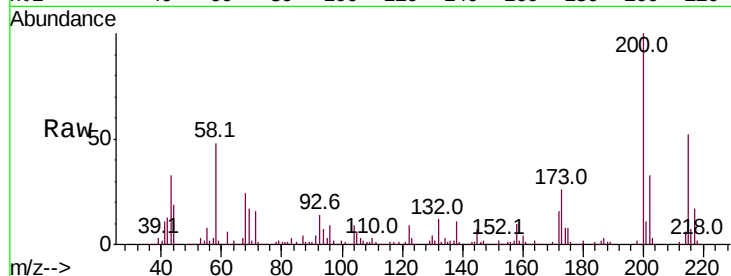




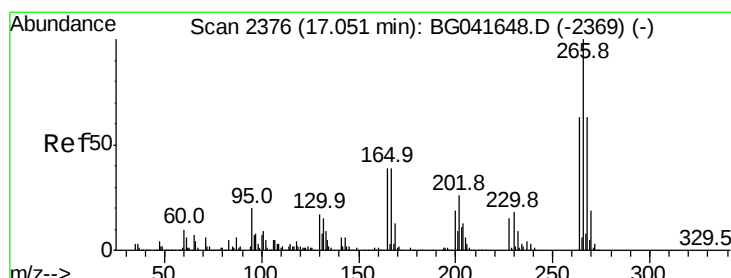
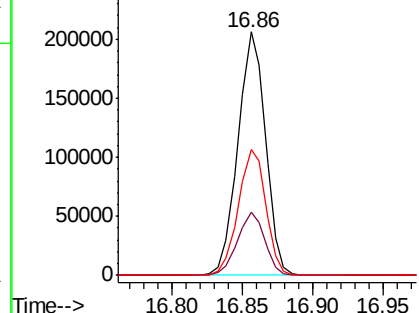
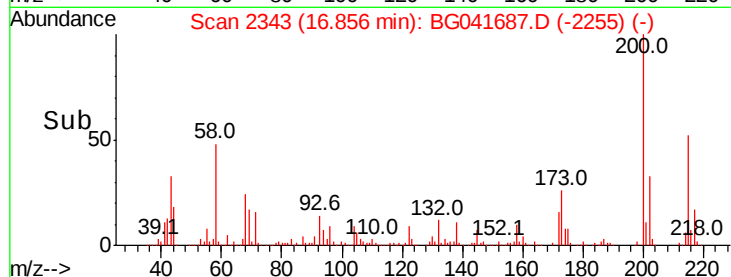
#69
 Atrazine
 Concen: 48.191 ng
 RT: 16.86 min Scan# 2343
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

Instrument :
 BNA_G
 ClientSampleId :
 PB121214BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.0	5.3	45.3
215	51.6	31.8	71.8

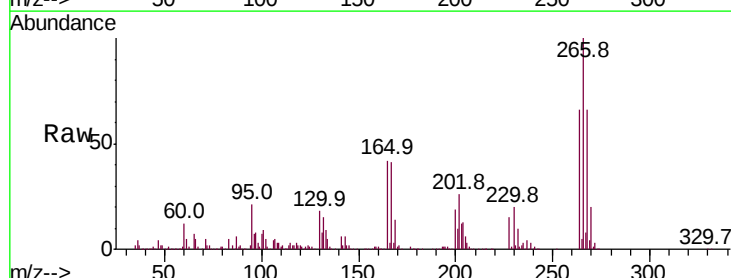


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

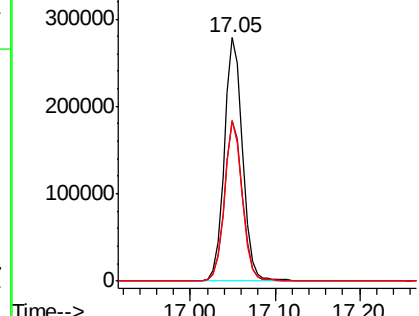
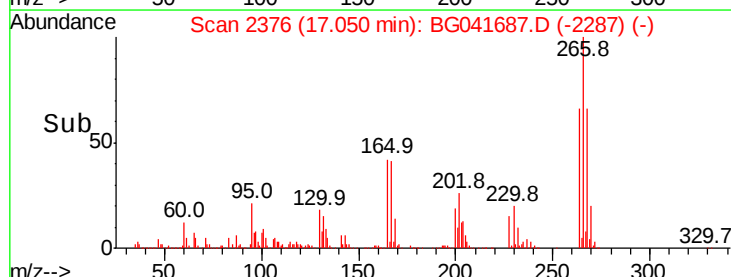


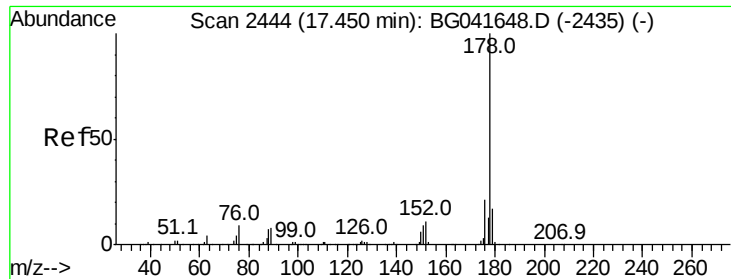
#70
 Pentachlorophenol
 Concen: 102.254 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.0	52.9	79.3
264	65.9	51.4	77.2



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

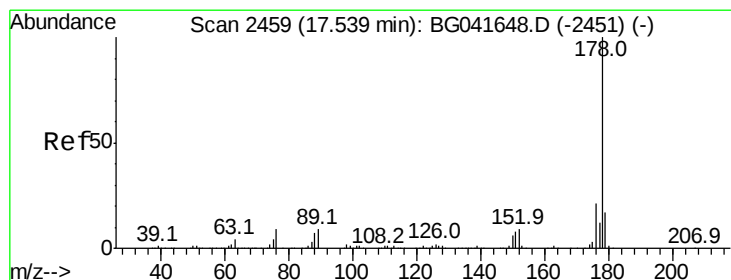
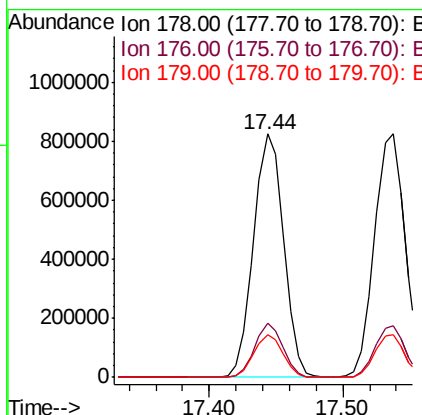
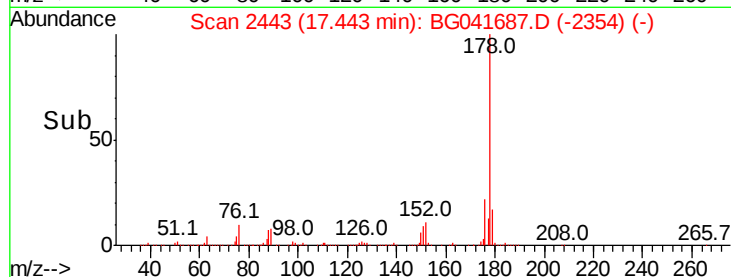
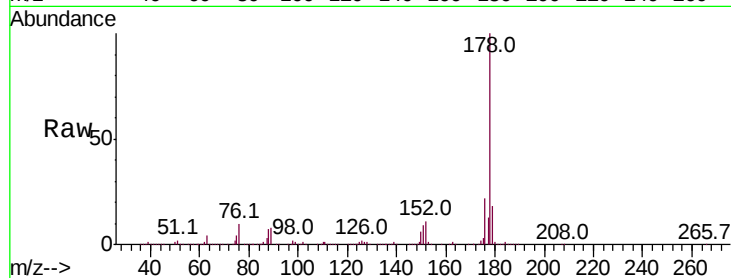




#71
Phenanthrene
Concen: 46.498 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

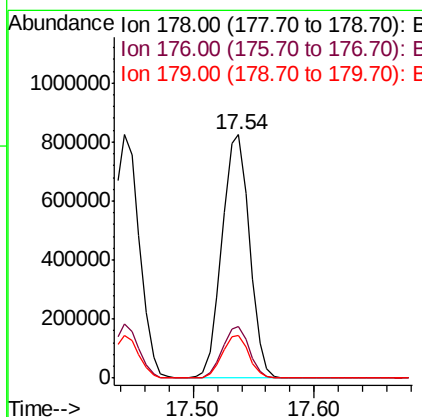
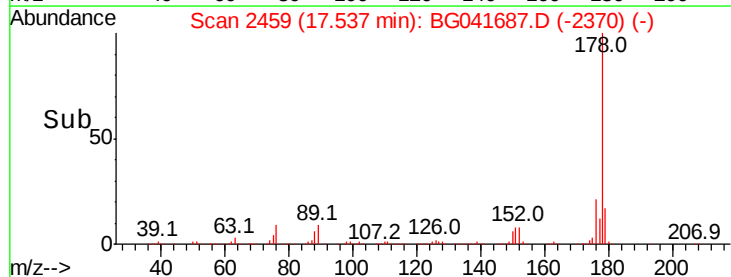
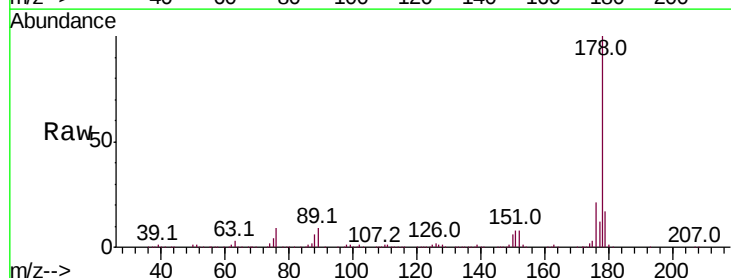
Instrument :
BNA_G
ClientSampleId :
PB121214BS

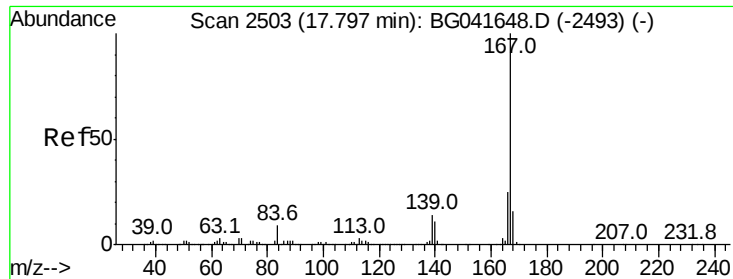
Tot Ion:178 Resp: 1280311
Ion Ratio Lower Upper
178 100
176 22.0 18.6 28.0
179 17.5 15.4 23.0



#72
Anthracene
Concen: 47.409 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.01 min
Lab File: BG041687.D
Acq: 17 Jul 2019 13:27

Tgt Ion:178 Resp: 1301215
Ion Ratio Lower Upper
178 100
176 21.5 18.6 28.0
179 17.5 15.1 22.7



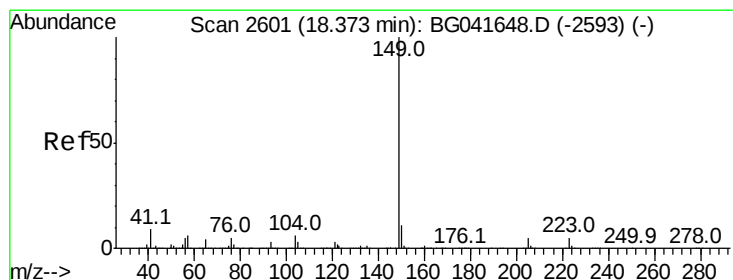
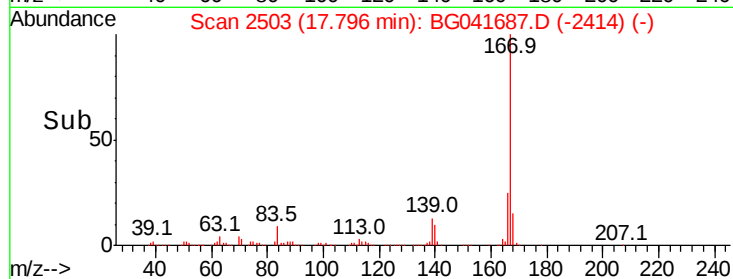
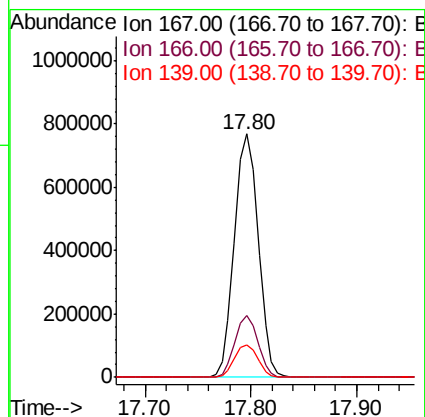
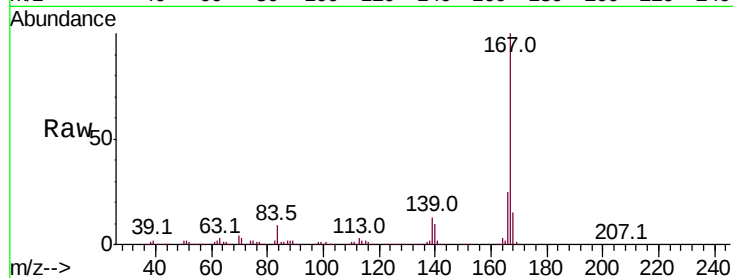


#73
 Carbazole
 Concen: 47.070 ng
 RT: 17.80 min Scan# 2503
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

Instrument :
 BNA_G
 ClientSampleId :
 PB121214BS

Tot Ion:167 Resp: 1198157

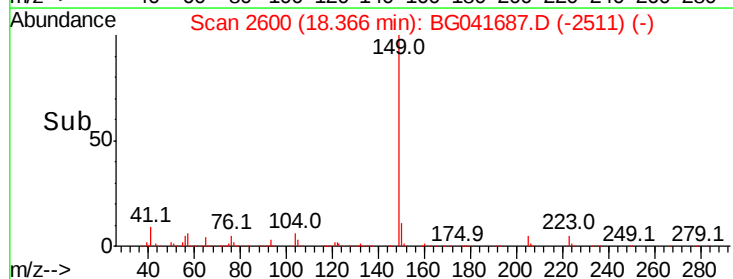
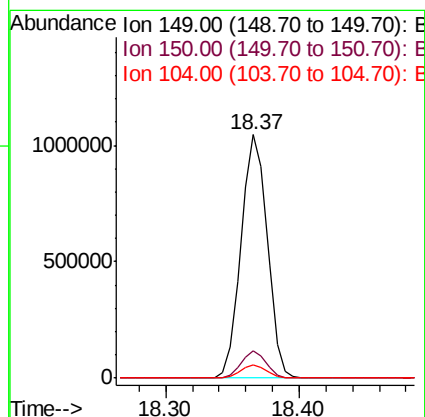
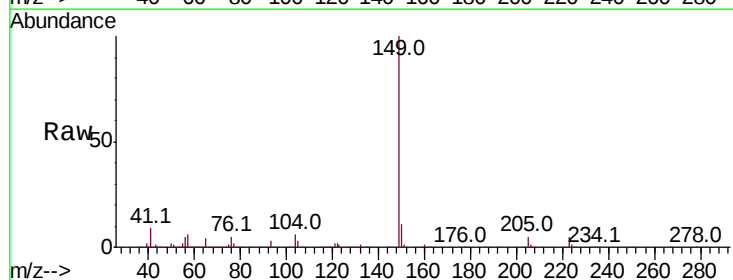
Ion	Ratio	Lower	Upper
167	100		
166	25.5	21.4	32.2
139	13.5	12.1	18.1

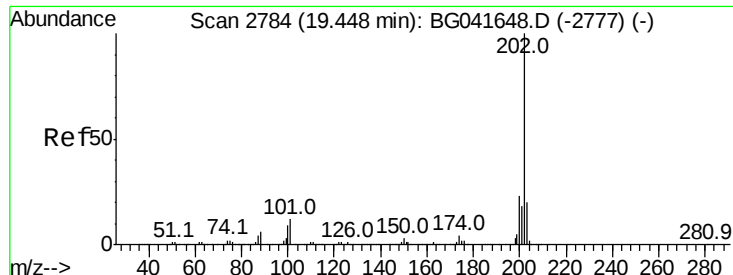


#74
 Di-n-butylphthalate
 Concen: 45.712 ng
 RT: 18.37 min Scan# 2600
 Delta R.T. -0.01 min
 Lab File: BG041687.D
 Acq: 17 Jul 2019 13:27

Tgt Ion:149 Resp: 1419165

Ion	Ratio	Lower	Upper
149	100		
150	11.4	10.2	15.2
104	5.6	5.3	7.9





#75

Fluoranthene

Concen: 46.596 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Instrument :

BNA_G

ClientSampleId :

PB121214BS

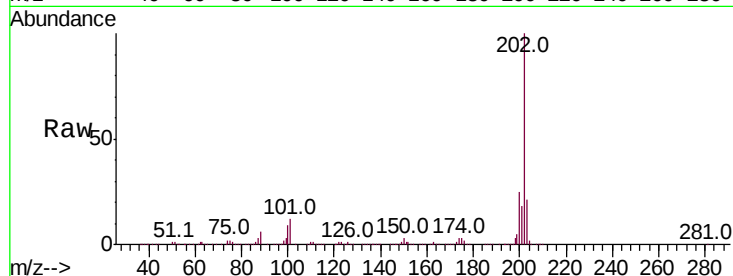
Tot Ion:202 Resp: 1575407

Ion Ratio Lower Upper

202 100

101 11.6 0.0 32.8

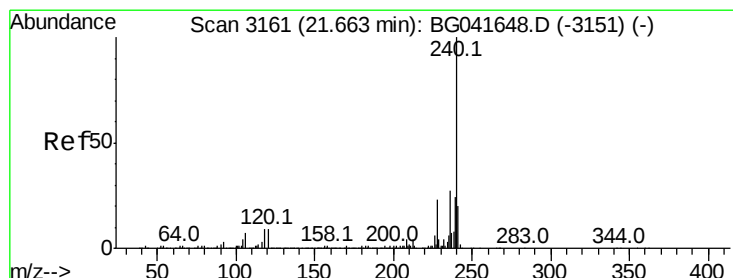
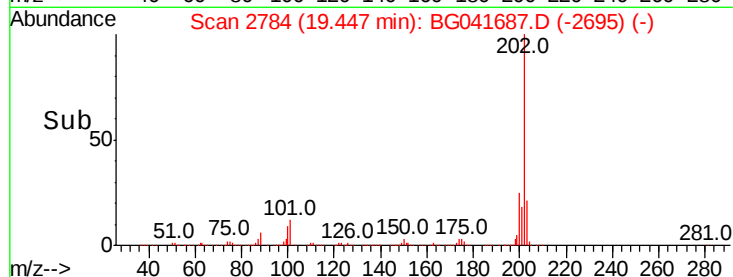
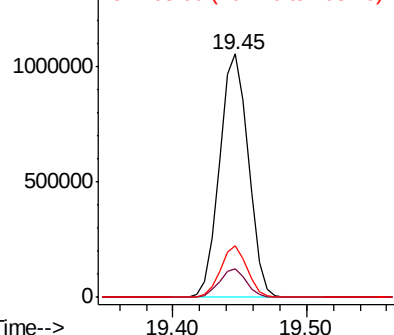
203 21.1 3.7 43.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

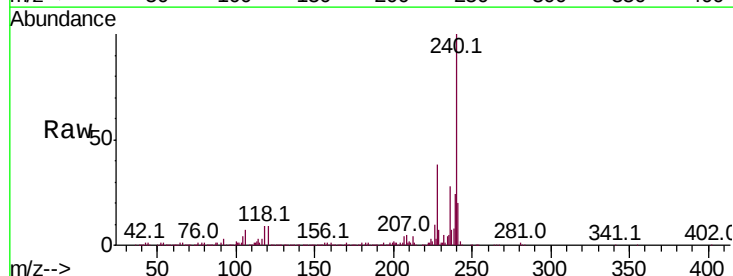
Tgt Ion:240 Resp: 531886

Ion Ratio Lower Upper

240 100

120 9.1 8.0 12.0

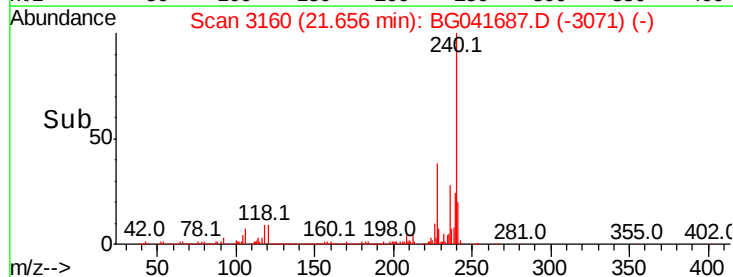
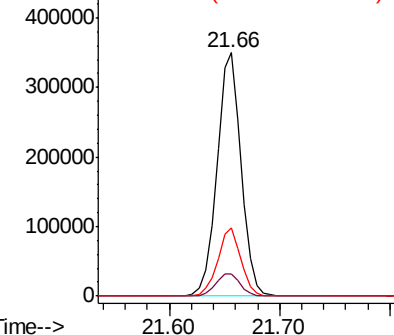
236 27.9 22.6 33.8

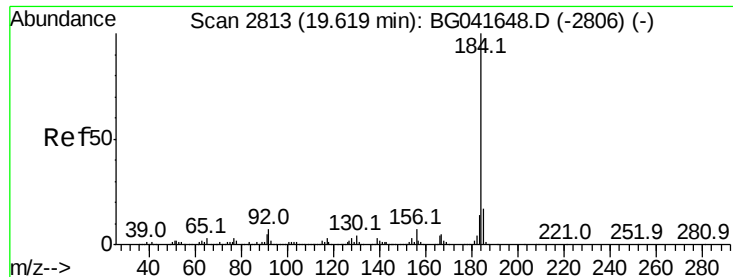


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.618 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Instrument :

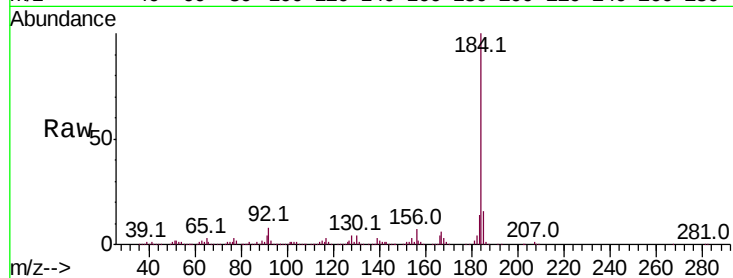
BNA_G

ClientSampleId :

PB121214BS

Tot Ion:184 Resp: 812025

Ion	Ratio	Lower	Upper
184	100		
185	15.8	13.0	19.4
183	14.2	11.8	17.6

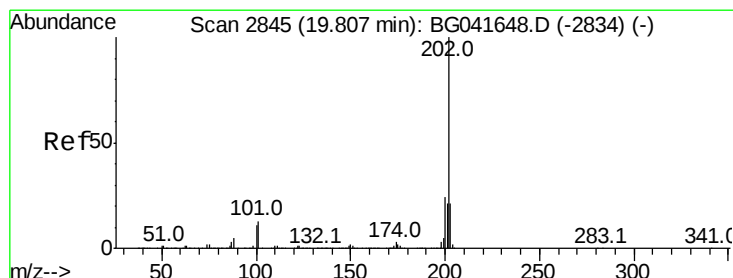
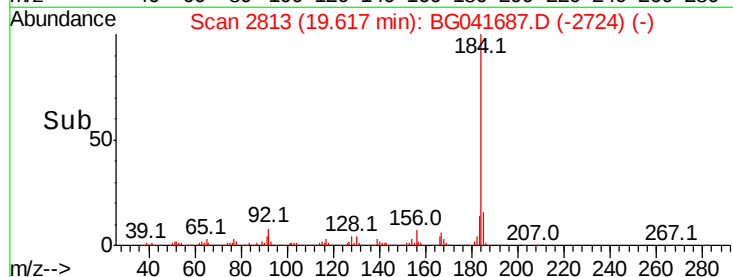
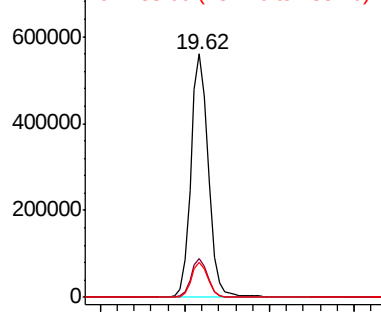


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.297 ng

RT: 19.81 min Scan# 2845

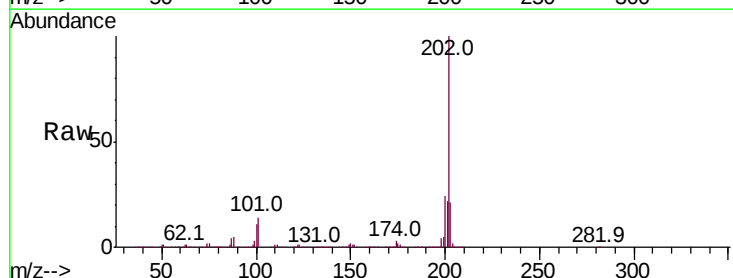
Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Tgt Ion:202 Resp: 1593504

Ion	Ratio	Lower	Upper
202	100		
200	24.4	22.2	33.2
203	21.1	18.9	28.3

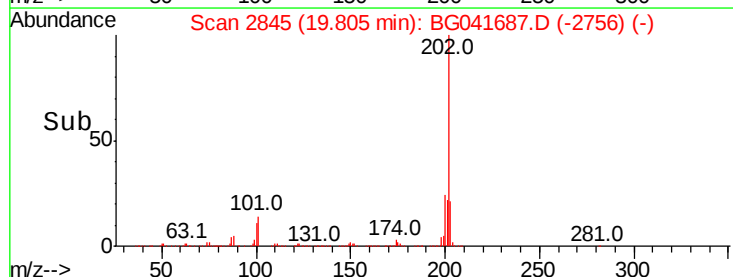
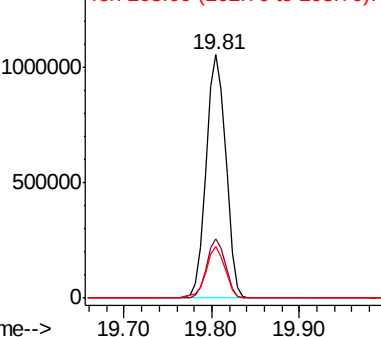


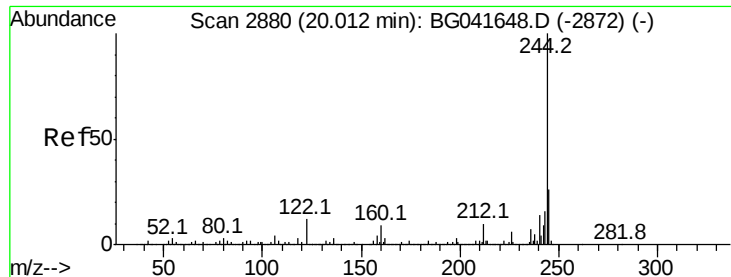
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 92.249 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Instrument :

BNA_G

ClientSampleId :

PB121214BS

Tot Ion:244 Resp: 2099639

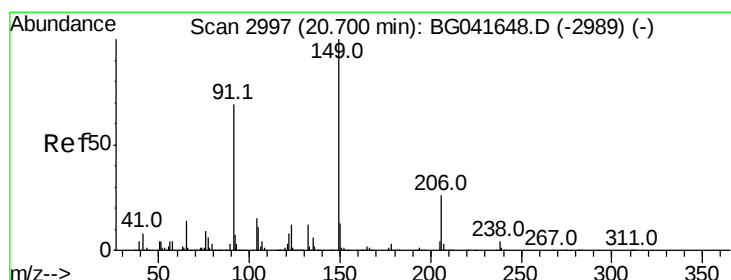
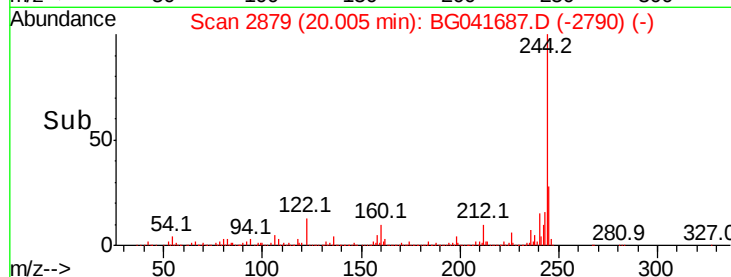
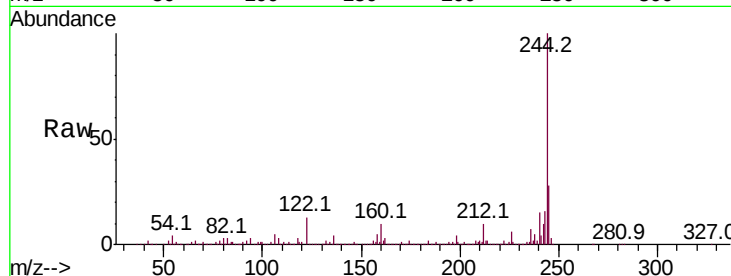
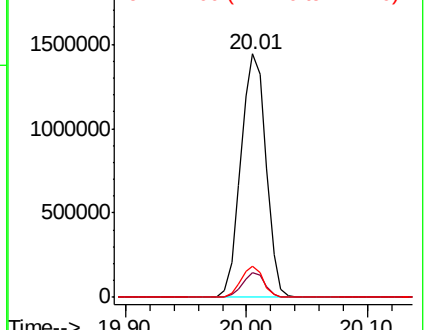
Ion	Ratio	Lower	Upper
244	100		
212	10.4	9.7	14.5
122	12.7	12.5	18.7

Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.953 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Tgt Ion:149 Resp: 686928

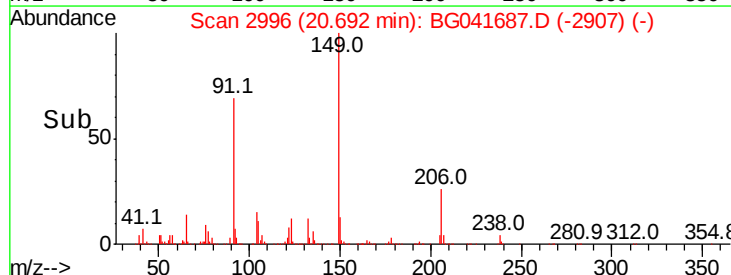
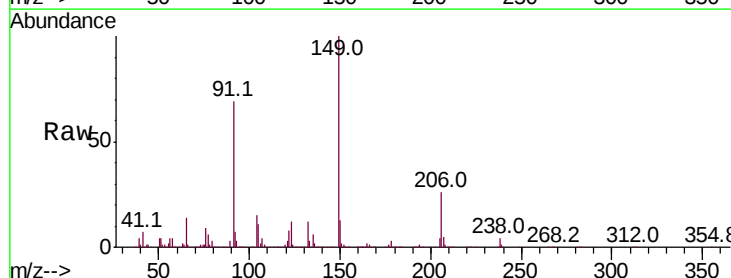
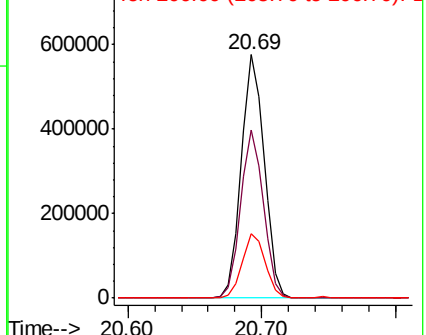
Ion	Ratio	Lower	Upper
149	100		
91	69.2	58.9	88.3
206	26.2	20.8	31.2

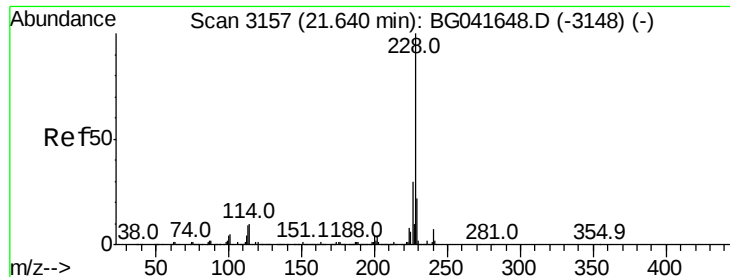
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.948 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Instrument :

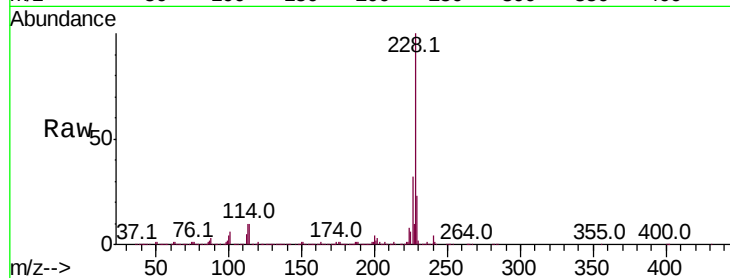
BNA_G

ClientSampleId :

PB121214BS

Tot Ion:228 Resp: 1544671

Ion	Ratio	Lower	Upper
228	100		
226	32.4	27.3	40.9
229	22.7	19.7	29.5

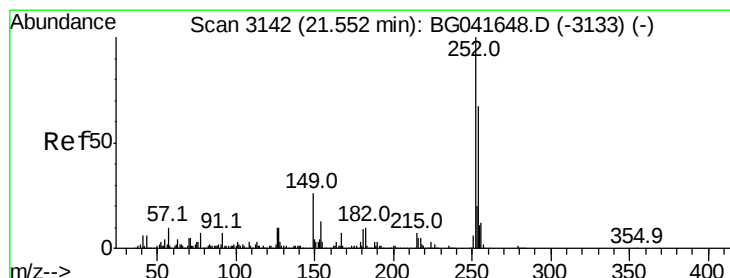
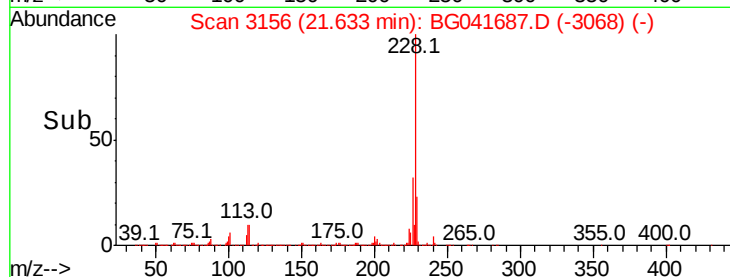
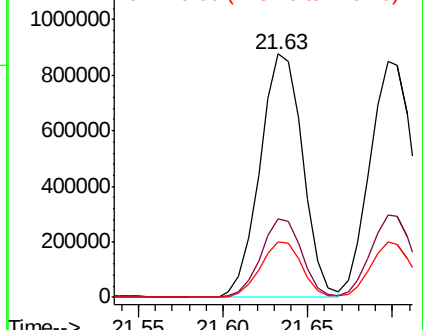


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.406 ng

RT: 21.54 min Scan# 3141

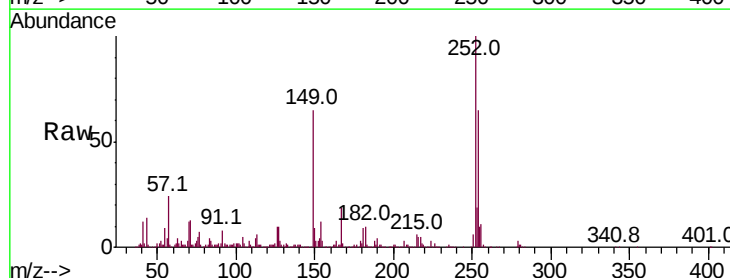
Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Tgt Ion:252 Resp: 505849

Ion	Ratio	Lower	Upper
252	100		
254	65.3	53.8	80.6
126	9.7	7.8	11.8

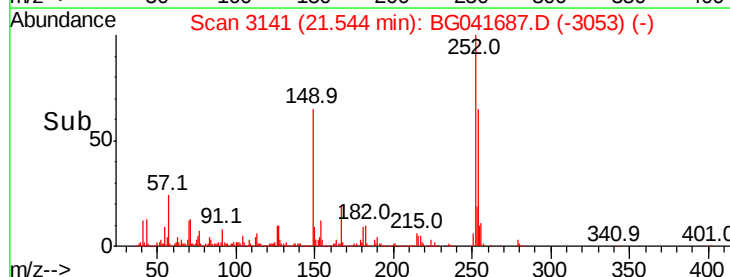
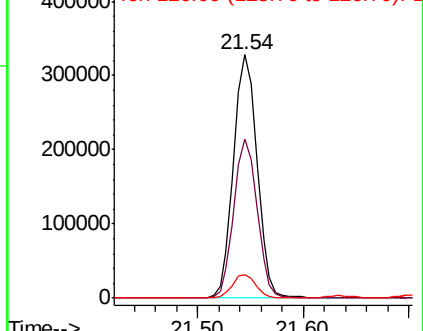


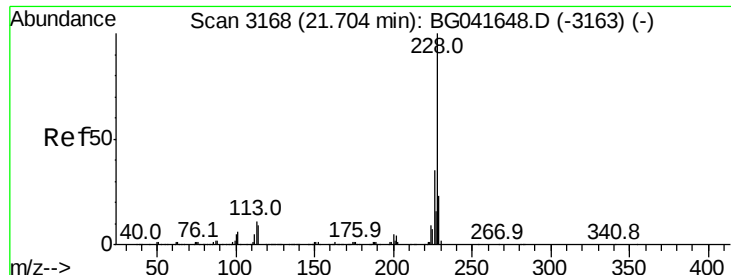
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.007 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Instrument :

BNA_G

ClientSampleId :

PB121214BS

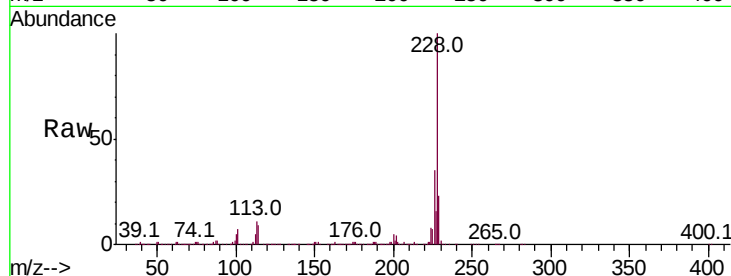
Tot Ion:228 Resp: 1510774

Ion Ratio Lower Upper

228 100

226 34.7 30.1 45.1

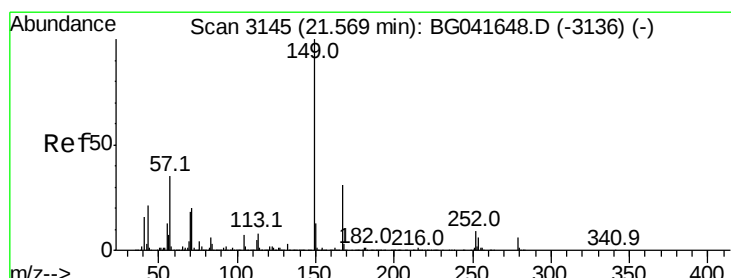
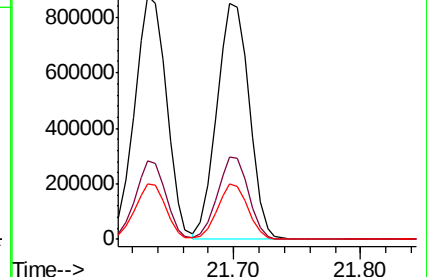
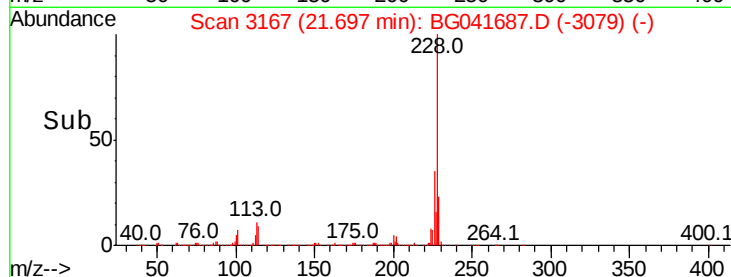
229 23.3 19.8 29.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.834 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

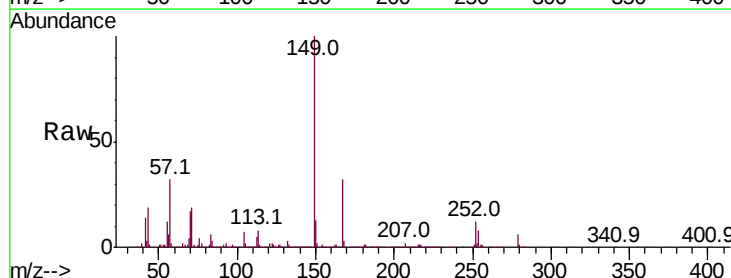
Tgt Ion:149 Resp: 967367

Ion Ratio Lower Upper

149 100

167 31.5 27.0 40.4

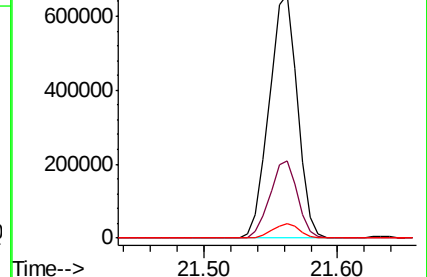
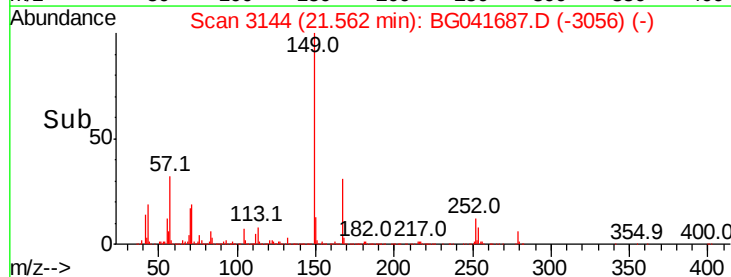
279 6.1 5.0 7.6

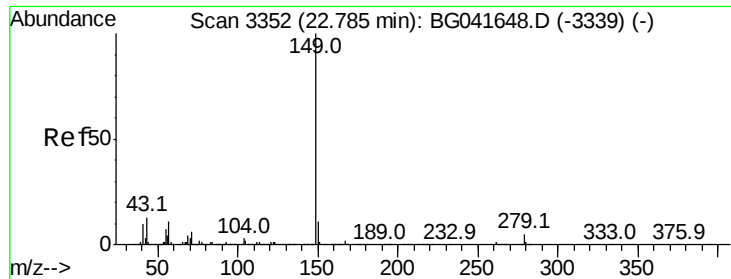


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.864 ng

RT: 22.77 min Scan# 3349

Delta R.T. -0.02 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Instrument :

BNA_G

ClientSampleId :

PB121214BS

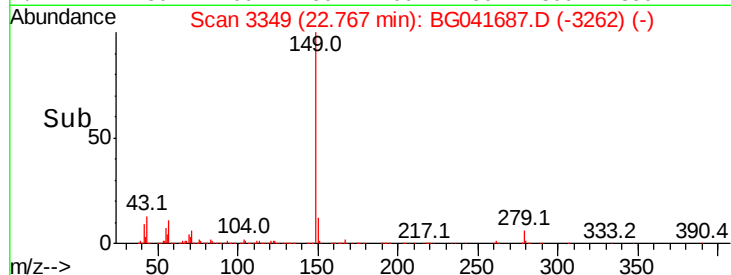
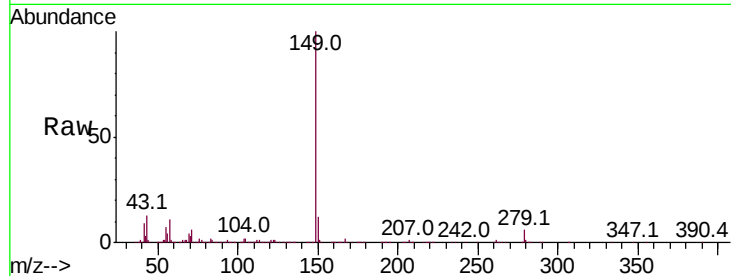
Tot Ion:149 Resp: 1648483

Ion Ratio Lower Upper

149 100

167 1.8 1.6 2.4

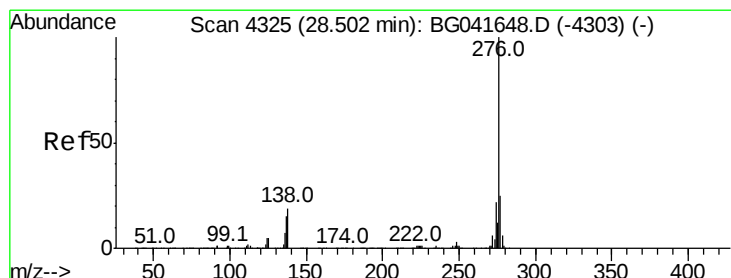
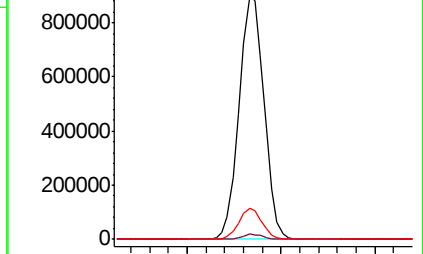
43 11.8 10.6 16.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.367 ng

RT: 28.50 min Scan# 4324

Delta R.T. -0.03 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

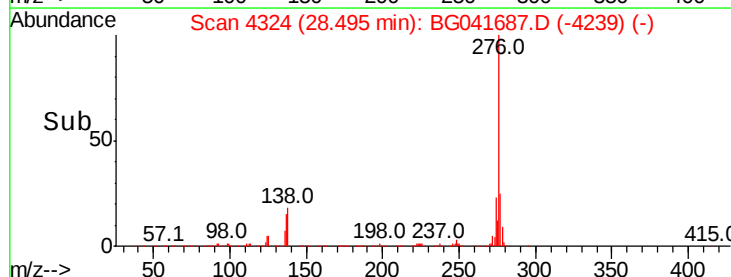
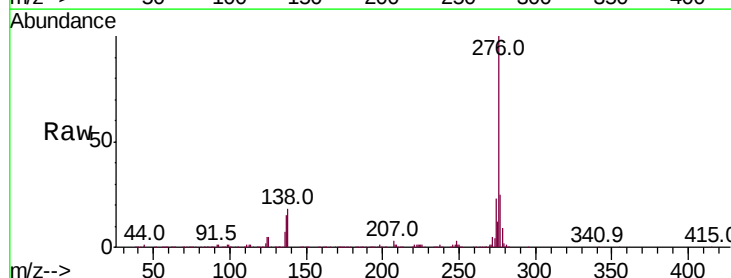
Tgt Ion:276 Resp: 1965669

Ion Ratio Lower Upper

276 100

138 17.5 19.4 29.0#

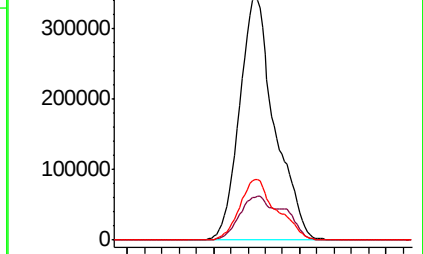
277 26.3 21.2 31.8

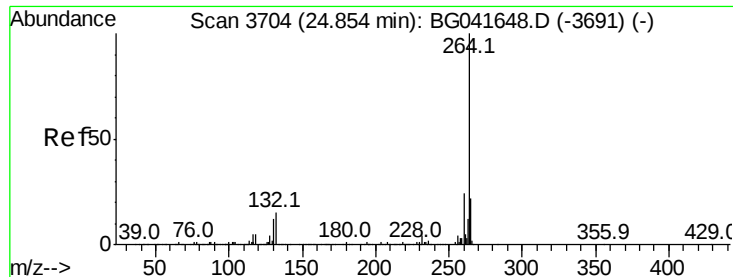


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3703

Delta R.T. -0.02 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Instrument :

BNA_G

ClientSampleId :

PB121214BS

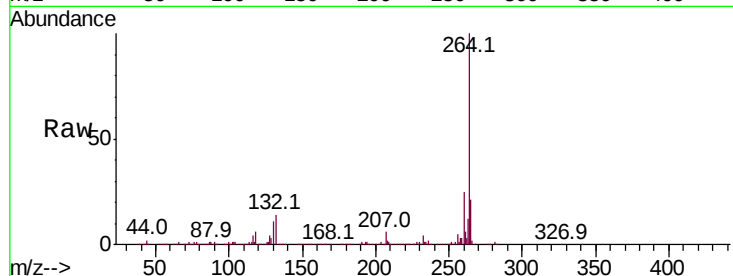
Tot Ion:264 Resp: 556163

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

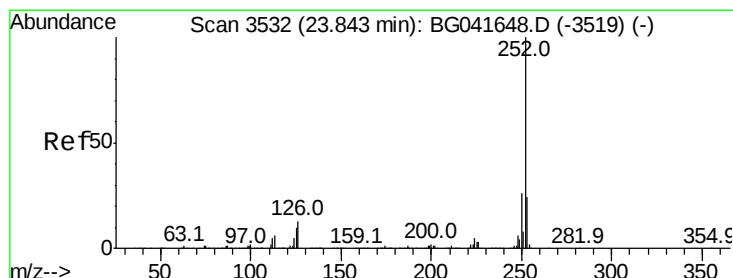
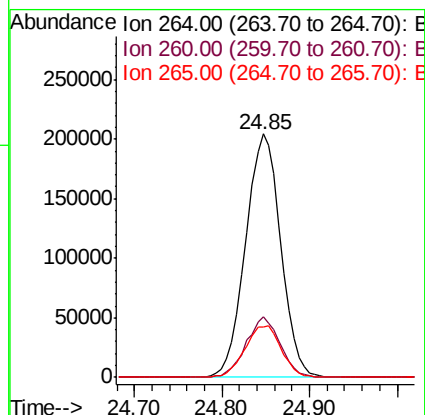
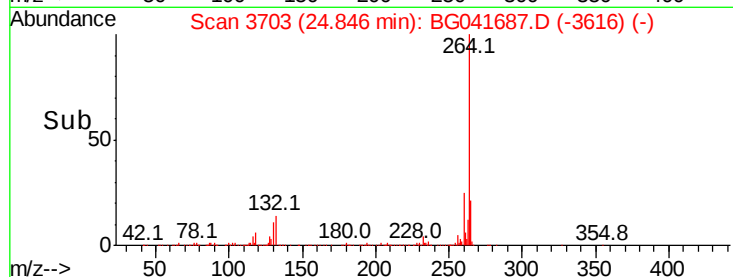
265 20.9 18.0 27.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 50.798 ng

RT: 23.84 min Scan# 3531

Delta R.T. -0.02 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

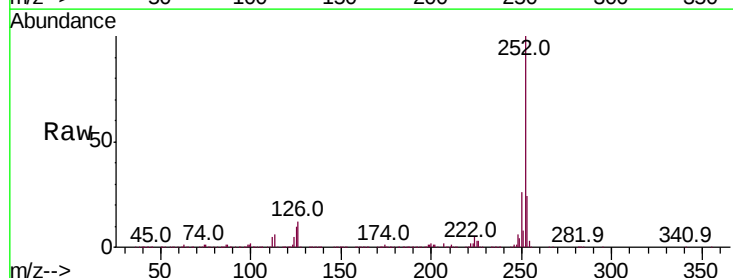
Tgt Ion:252 Resp: 1713702

Ion Ratio Lower Upper

252 100

253 24.3 20.6 30.8

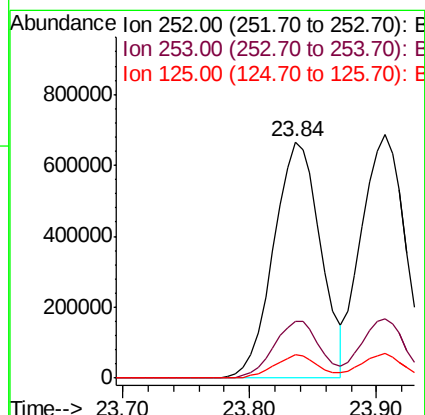
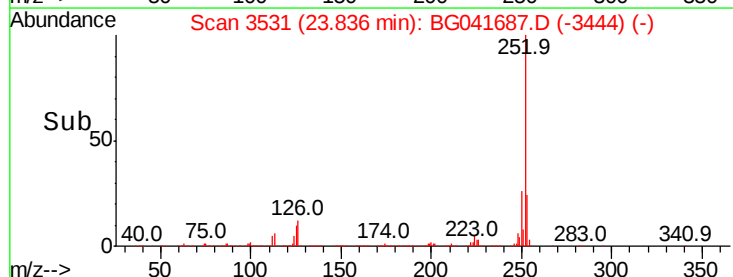
125 10.1 8.0 12.0

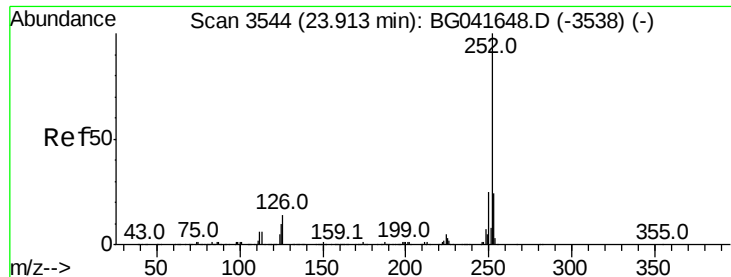


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 52.759 ng

RT: 23.91 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Instrument :

BNA_G

ClientSampleId :

PB121214BS

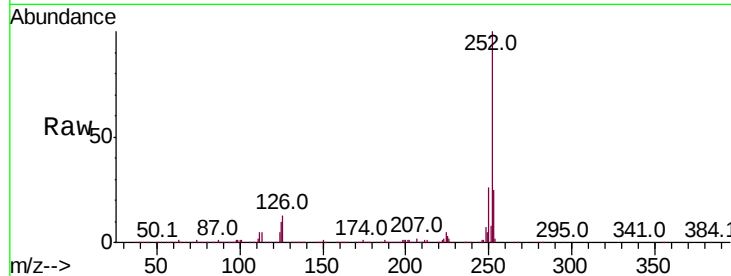
Tot Ion:252 Resp: 1649230

Ion Ratio Lower Upper

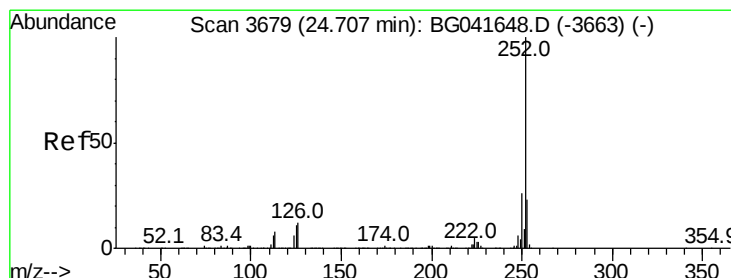
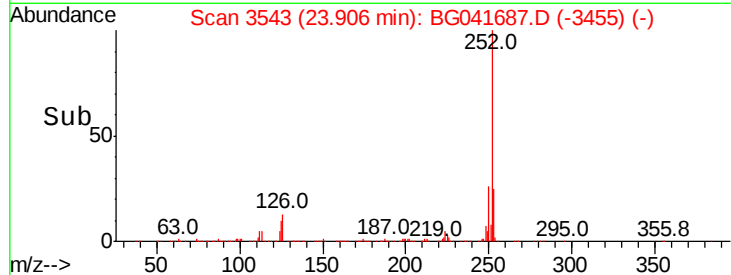
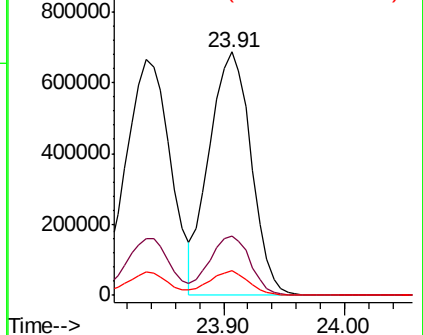
252 100

253 24.5 20.5 30.7

125 10.0 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 52.903 ng

RT: 24.70 min Scan# 3678

Delta R.T. -0.02 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

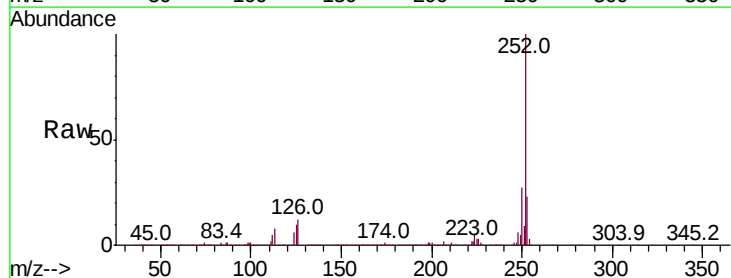
Tgt Ion:252 Resp: 1688568

Ion Ratio Lower Upper

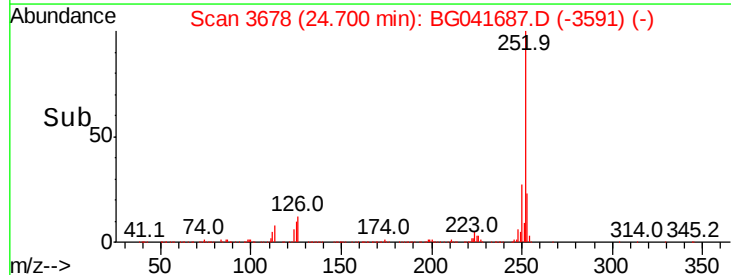
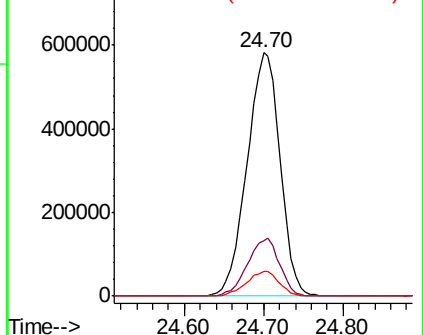
252 100

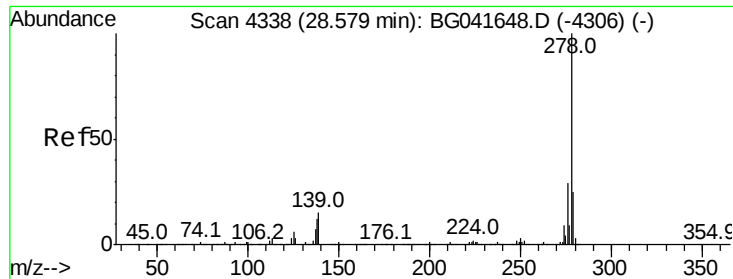
253 23.0 19.8 29.8

125 10.4 8.8 13.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 51.893 ng

RT: 28.57 min Scan# 4337

Delta R.T. -0.02 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

Instrument :

BNA_G

ClientSampleId :

PB121214BS

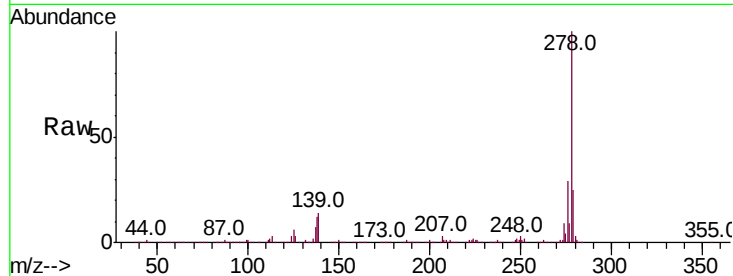
Tot Ion:278 Resp: 1605962

Ion Ratio Lower Upper

278 100

139 14.2 12.6 19.0

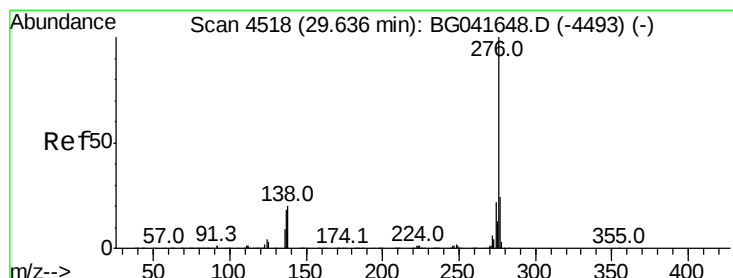
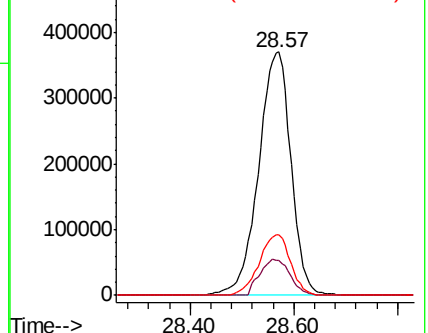
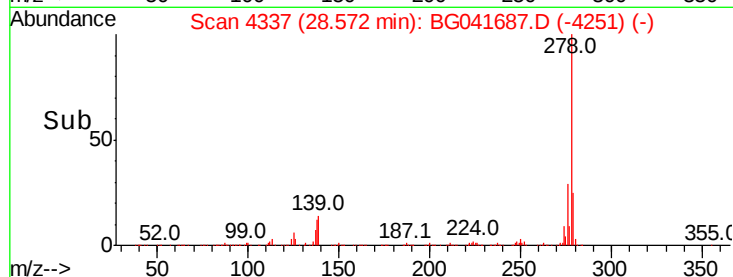
279 24.7 20.5 30.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 52.389 ng

RT: 29.64 min Scan# 4519

Delta R.T. -0.02 min

Lab File: BG041687.D

Acq: 17 Jul 2019 13:27

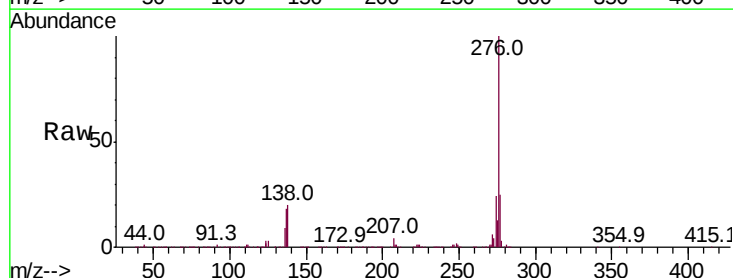
Tgt Ion:276 Resp: 1624775

Ion Ratio Lower Upper

276 100

277 24.8 19.8 29.8

138 20.3 16.6 25.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

