

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043387.D
 Acq On : 30 Oct 2019 00:45
 Operator : JU
 Sample : PB124392BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124392BS

Quant Time: Oct 30 06:26:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	35169	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	135471	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	103627	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	245221	20.00	ng	0.00
76) Chrysene-d12	21.66	240	279115	20.00	ng	0.00
87) Perylene-d12	24.86	264	313206	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	253741	132.21	ng	0.01
7) Phenol-d6	7.21	99	340919	123.46	ng	0.01
23) Nitrobenzene-d5	9.19	82	168190	64.01	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	212028	107.52	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	453754	60.51	ng	0.00
79) Terphenyl-d14	20.00	244	885484	59.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	28594	38.232	ng	93
3) Pyridine	3.89	79	71972	38.148	ng	98
4) n-Nitrosodimethylamine	3.80	42	42747	44.902	ng	92
6) Aniline	7.35	93	106080	33.349	ng	97
8) 2-Chlorophenol	7.60	128	101180	47.758	ng	95
9) Benzaldehyde	7.16	77	56641	41.739	ng	94
10) Phenol	7.24	94	121089	47.989	ng	96
11) bis(2-Chloroethyl)ether	7.44	93	86003	44.085	ng	98
12) 1,3-Dichlorobenzene	7.91	146	113157	42.629	ng	96
13) 1,4-Dichlorobenzene	8.06	146	113375	42.215	ng	98
14) 1,2-Dichlorobenzene	8.38	146	111211	42.411	ng	94
15) Benzyl Alcohol	8.27	79	87579	45.160	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.55	45	114303	40.294	ng	97
17) 2-Methylphenol	8.48	107	85435	46.445	ng	96
18) Hexachloroethane	9.11	117	39048	40.299	ng	94
19) n-Nitroso-di-n-propylamine	8.82	70	72138	40.429	ng	98
20) 3+4-Methylphenols	8.81	107	113318	44.925	ng	89
22) Acetophenone	8.85	105	144096	41.535	ng	97
24) Nitrobenzene	9.23	77	110376	44.094	ng	95
25) Isophorone	9.75	82	203348	42.327	ng	99
26) 2-Nitrophenol	9.94	139	57332	47.441	ng	95
27) 2,4-Dimethylphenol	10.01	122	90209	52.080	ng	94
28) bis(2-Chloroethoxy)methane	10.23	93	113720	42.889	ng	96
29) 2,4-Dichlorophenol	10.49	162	104619	47.140	ng	94
30) 1,2,4-Trichlorobenzene	10.69	180	121519	43.444	ng	96
31) Naphthalene	10.88	128	312157	45.395	ng	98
32) Benzoic acid	10.16	122	42436	35.086	ng	95
33) 4-Chloroaniline	11.00	127	64376	22.839	ng	98
34) Hexachlorobutadiene	11.17	225	85293	41.250	ng	95
35) Caprolactam	11.75	113	30494	39.896	ng	# 88
36) 4-Chloro-3-methylphenol	12.13	107	107765	44.516	ng	98
37) 2-Methylnaphthalene	12.48	142	233006	44.162	ng	97
38) 1-Methylnaphthalene	12.70	142	221622	44.147	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	152904	39.870	ng	98

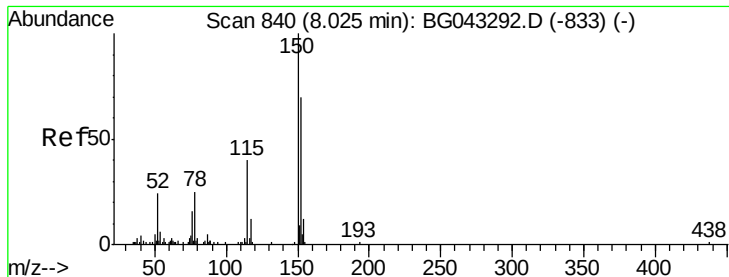
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043387.D
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 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	143171	71.067	ng	97
43) 2,4,6-Trichlorophenol	13.09	196	94133	41.679	ng	95
44) 2,4,5-Trichlorophenol	13.18	196	94619	41.439	ng	95
46) 1,1'-Biphenyl	13.48	154	313720	39.795	ng	97
47) 2-Chloronaphthalene	13.53	162	240942	40.169	ng	98
48) 2-Nitroaniline	13.73	65	70456	39.301	ng	98
49) Acenaphthylene	14.37	152	387915	41.553	ng	97
50) Dimethylphthalate	14.11	163	306679	38.208	ng	99
51) 2,6-Dinitrotoluene	14.22	165	69221	39.696	ng	95
52) Acenaphthene	14.72	154	228766	40.184	ng	99
53) 3-Nitroaniline	14.56	138	48972	29.088	ng	99
54) 2,4-Dinitrophenol	14.77	184	46346	45.970	ng	97
55) Dibenzofuran	15.05	168	375795	40.705	ng	98
56) 4-Nitrophenol	14.89	139	102354	90.722	ng	94
57) 2,4-Dinitrotoluene	15.01	165	100597	40.367	ng	95
58) Fluorene	15.70	166	310559	40.107	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.28	232	102851	42.397	ng	98
60) Diethylphthalate	15.46	149	303524	37.635	ng	99
61) 4-Chlorophenyl-phenylether	15.69	204	176704	39.118	ng	98
62) 4-Nitroaniline	15.73	138	63263	36.385	ng	97
63) Azobenzene	15.98	77	260705	39.941	ng	97
65) 4,6-Dinitro-2-methylphenol	15.78	198	45789	31.729	ng	96
66) n-Nitrosodiphenylamine	15.90	169	276428	39.928	ng	98
67) 4-Bromophenyl-phenylether	16.58	248	124606	37.758	ng	95
68) Hexachlorobenzene	16.70	284	142467	37.609	ng	98
69) Atrazine	16.85	200	119567	49.702	ng	96
70) Pentachlorophenol	17.05	266	152239	88.198	ng	96
71) Phenanthrene	17.44	178	495237	39.439	ng	100
72) Anthracene	17.53	178	513352	40.860	ng	99
73) Carbazole	17.80	167	461835	40.593	ng	99
74) Di-n-butylphthalate	18.35	149	543934	39.402	ng	98
75) Fluoranthene	19.45	202	662580	40.474	ng	98
77) Benzidine	19.63	184	225773	40.193	ng	99
78) Pyrene	19.80	202	679335	39.320	ng	99
80) Butylbenzylphthalate	20.69	149	251462	38.417	ng	99
81) Benzo(a)anthracene	21.64	228	703432	40.234	ng	99
82) 3,3'-Dichlorobenzidine	21.56	252	236187	34.927	ng	99
83) Chrysene	21.71	228	684030	39.377	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	367653	39.541	ng	98
85) Di-n-octyl phthalate	22.74	149	641830	40.687	ng	99
86) Indeno(1,2,3-cd)pyrene	28.49	276	895047	41.047	ng	99
88) Benzo(b)fluoranthene	23.85	252	728406	41.062	ng	97
89) Benzo(k)fluoranthene	23.91	252	755959	42.332	ng	99
90) Benzo(a)pyrene	24.71	252	685960	40.495	ng	98
91) Dibenzo(a,h)anthracene	28.56	278	750100	43.292	ng	99
92) Benzo(g,h,i)perylene	29.64	276	738632	43.218	ng	96

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

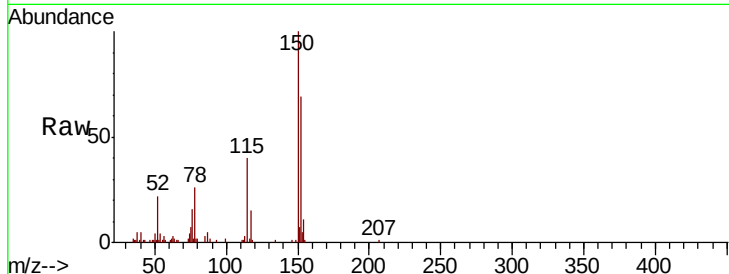


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG043387.D
Acq: 30 Oct 2019 00:45

Instrument :
BNA_G
ClientSampleId :
PB124392BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.8	113.6	170.4
115	58.1	45.9	68.9

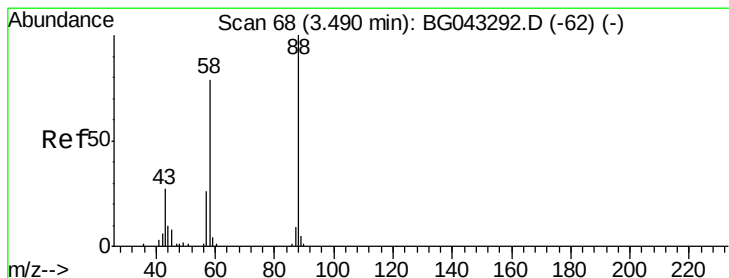
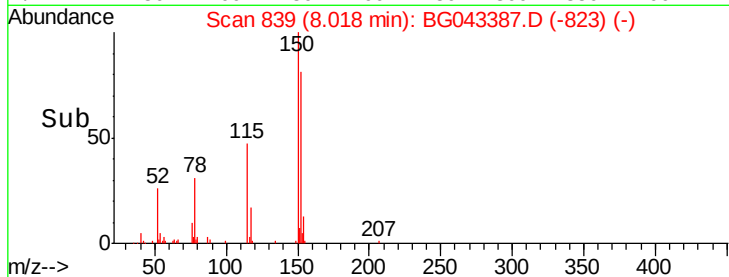
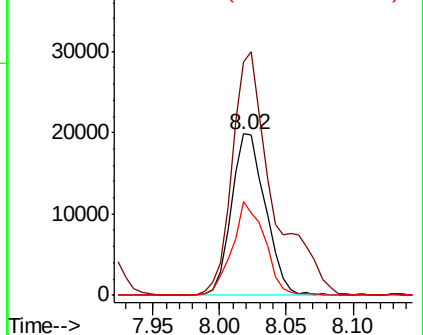


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

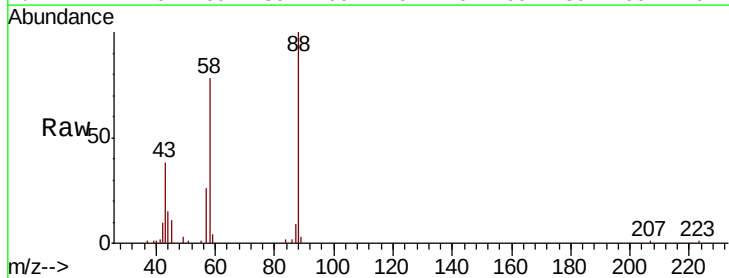
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.232 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG043387.D
Acq: 30 Oct 2019 00:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.0	60.2	90.2
43	27.8	22.7	34.1

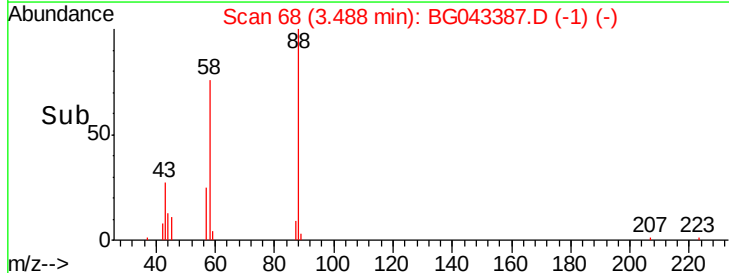
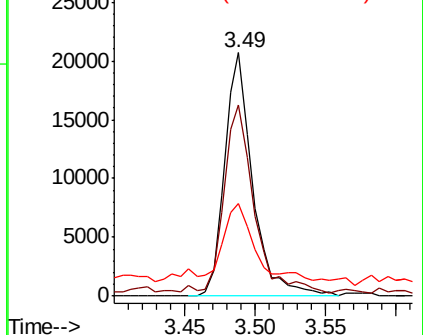


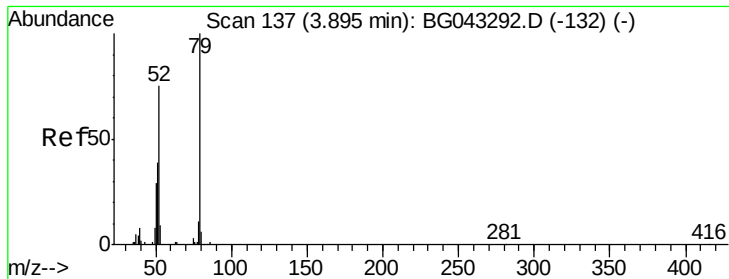
Abundance

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: 38.148 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

Instrument :

BNA_G

ClientSampleId :

PB124392BS

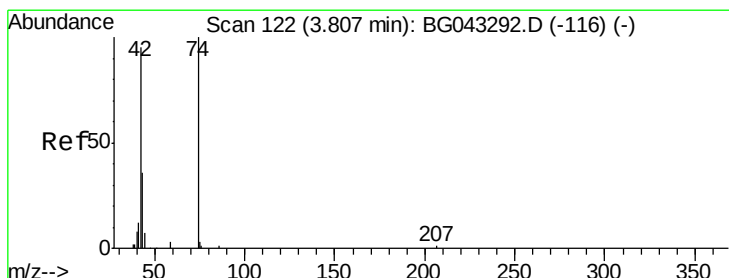
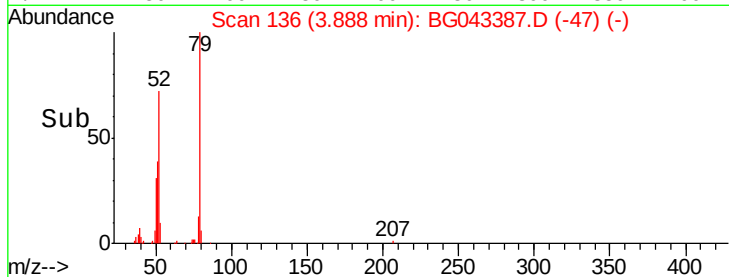
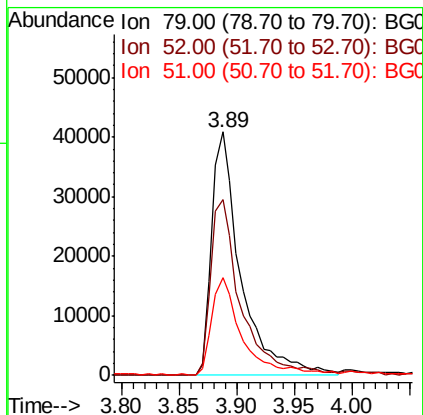
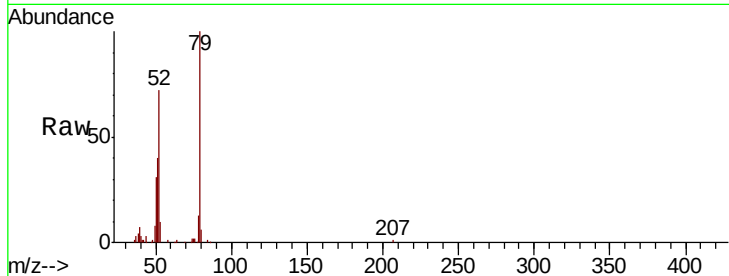
Tot Ion: 79 Resp: 71972

Ion Ratio Lower Upper

79 100

52 72.0 59.7 89.5

51 40.1 31.8 47.6



#4

n-Nitrosodimethylamine

Concen: 44.902 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

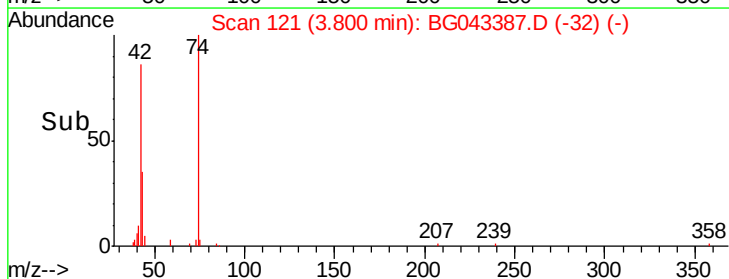
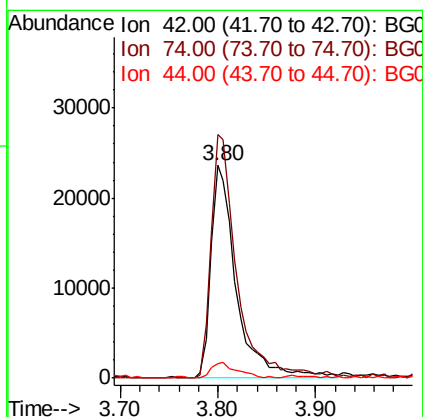
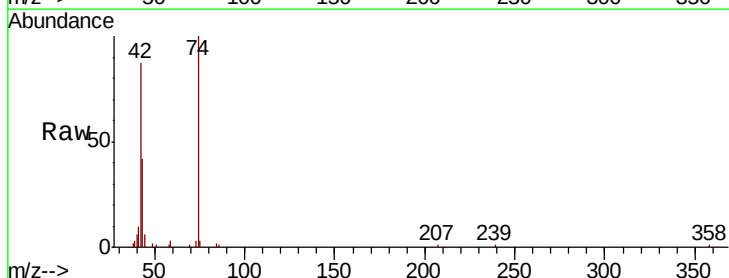
Tgt Ion: 42 Resp: 42747

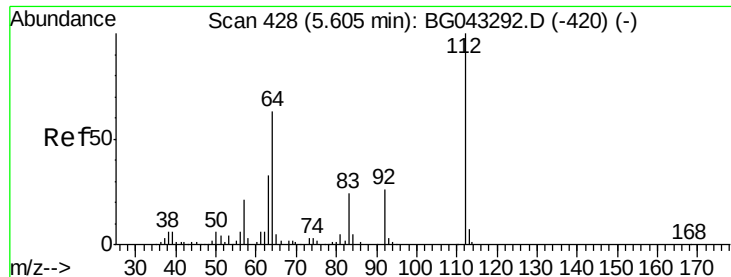
Ion Ratio Lower Upper

42 100

74 114.4 84.2 126.2

44 6.6 6.0 9.0





#5

2-Fluorophenol

Concen: 132.209 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

Instrument :

BNA_G

ClientSampleId :

PB124392BS

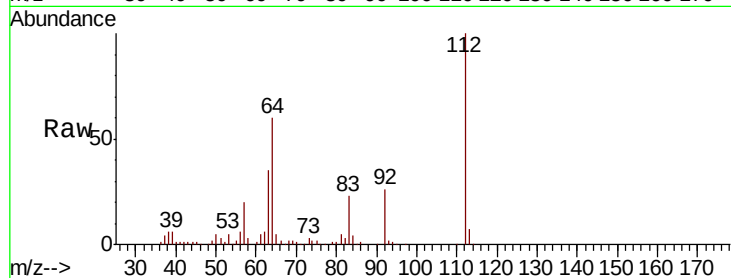
Tot Ion:112 Resp: 253741

Ion Ratio Lower Upper

112 100

64 59.7 50.2 75.2

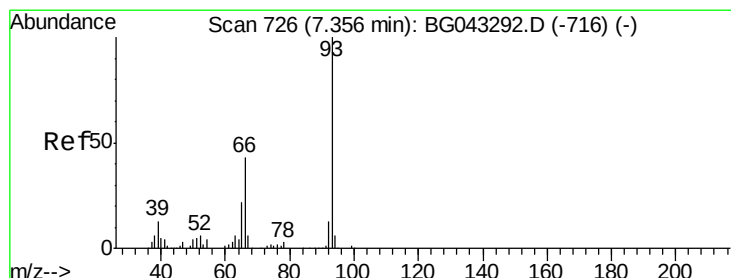
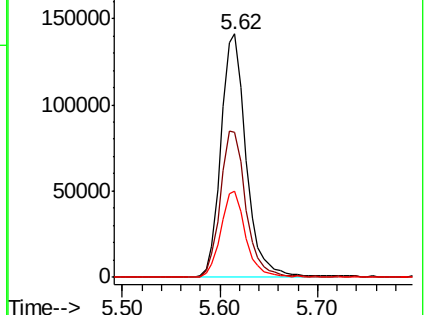
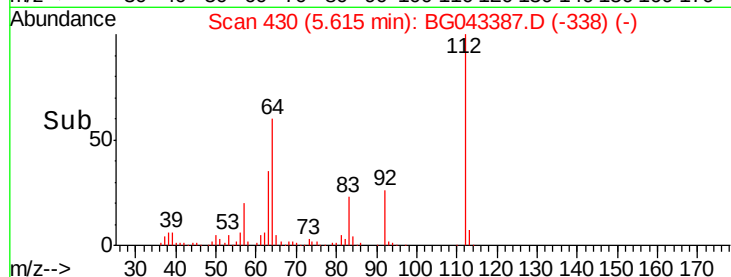
63 35.4 26.7 40.1



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: 33.349 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

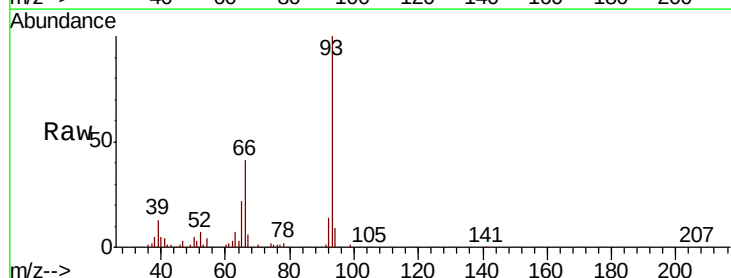
Tgt Ion: 93 Resp: 106080

Ion Ratio Lower Upper

93 100

66 41.0 34.5 51.7

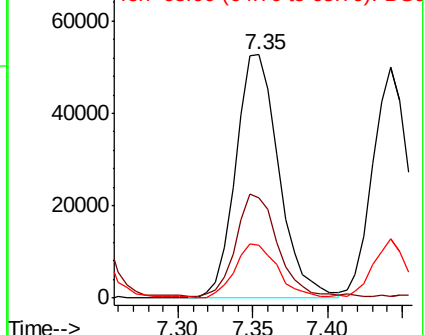
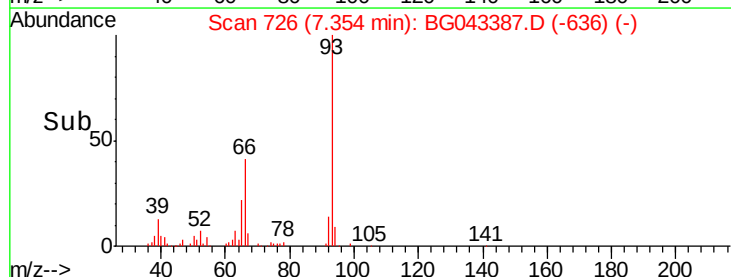
65 21.7 18.0 27.0

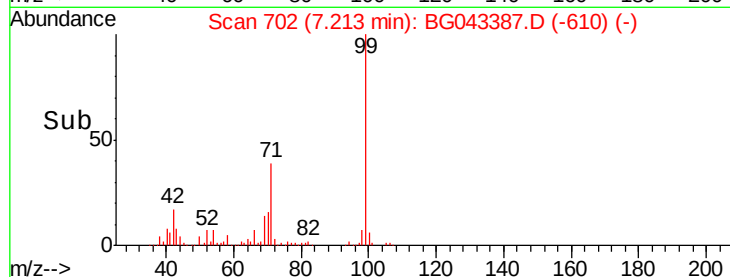
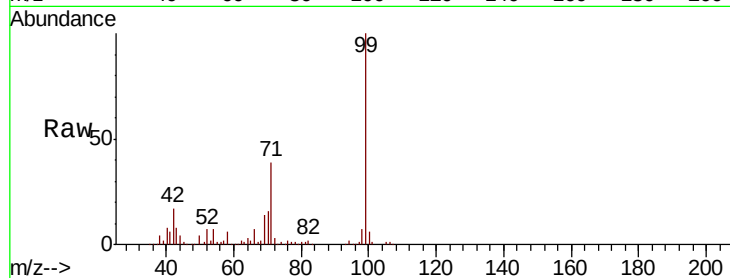
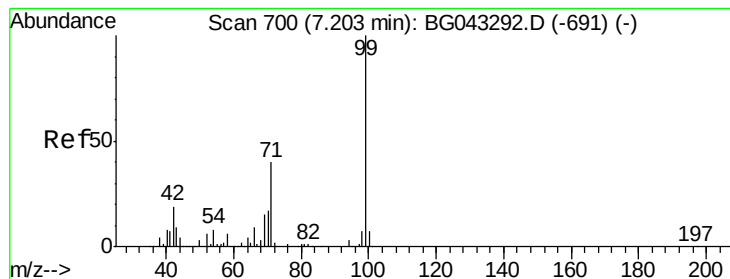


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 123.462 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

Instrument :

BNA_G

ClientSampleId :

PB124392BS

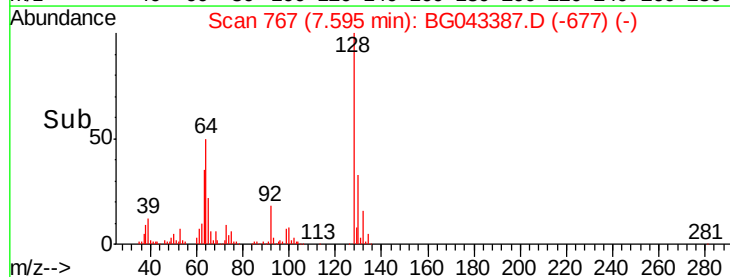
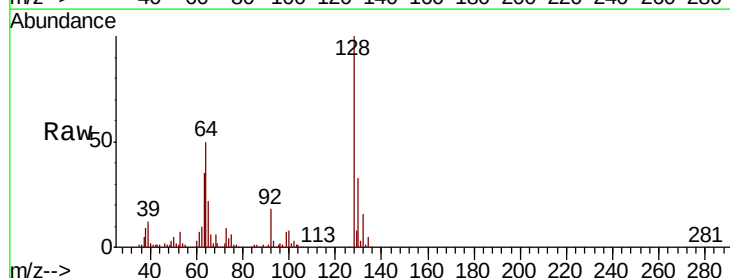
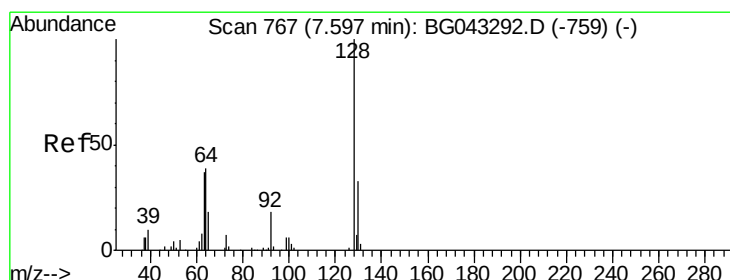
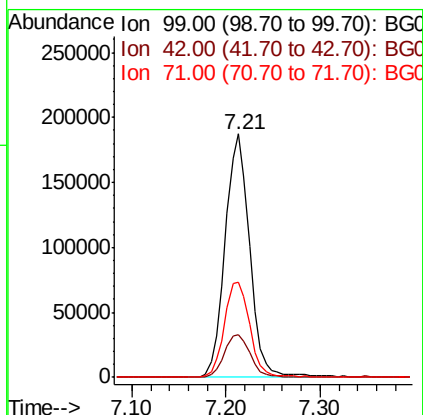
Tot Ion: 99 Resp: 340919

Ion Ratio Lower Upper

99 100

42 17.4 14.9 22.3

71 39.3 32.2 48.2



#8

2-Chlorophenol

Concen: 47.758 ng

RT: 7.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

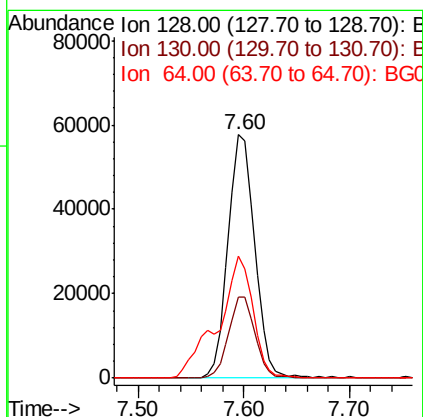
Tgt Ion: 128 Resp: 101180

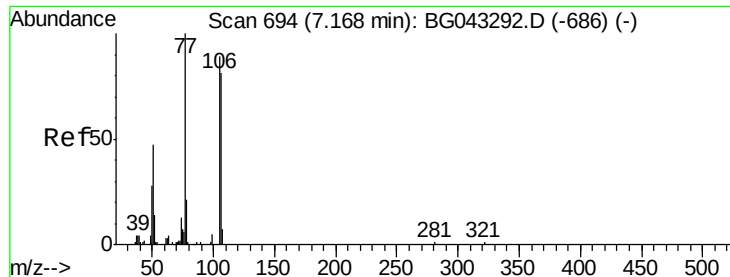
Ion Ratio Lower Upper

128 100

130 33.2 12.9 52.9

64 50.2 24.9 64.9





#9

Benzaldehyde

Concen: 41.739 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

Instrument :

BNA_G

ClientSampleId :

PB124392BS

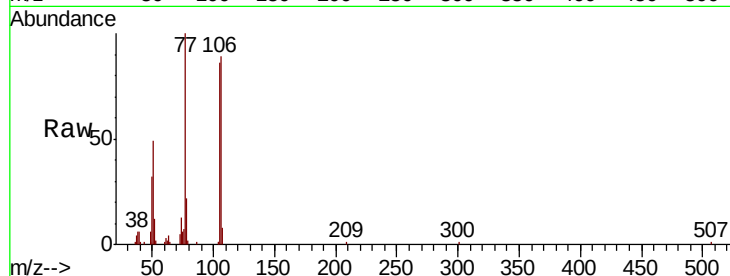
Tot Ion: 77 Resp: 56641

Ion Ratio Lower Upper

77 100

105 86.2 68.7 108.7

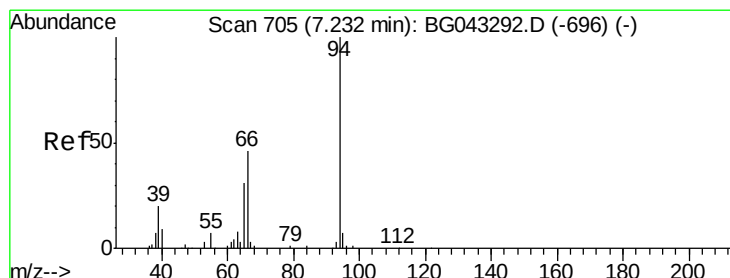
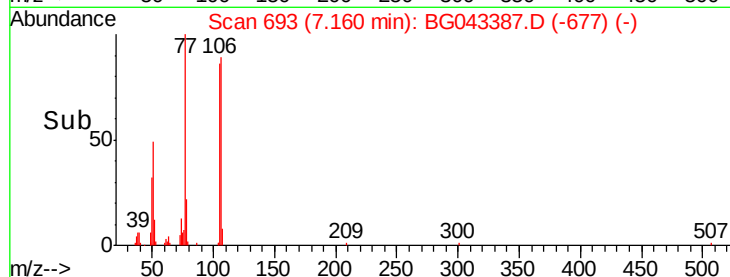
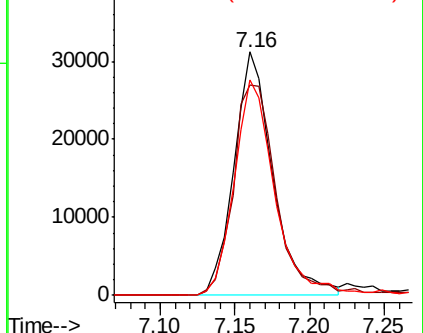
106 88.6 60.5 100.5



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: 47.989 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

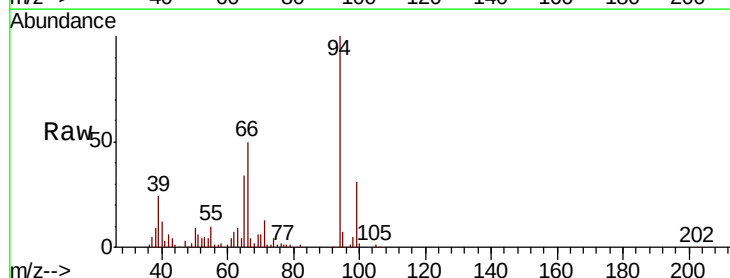
Tgt Ion: 94 Resp: 121089

Ion Ratio Lower Upper

94 100

65 33.5 11.1 51.1

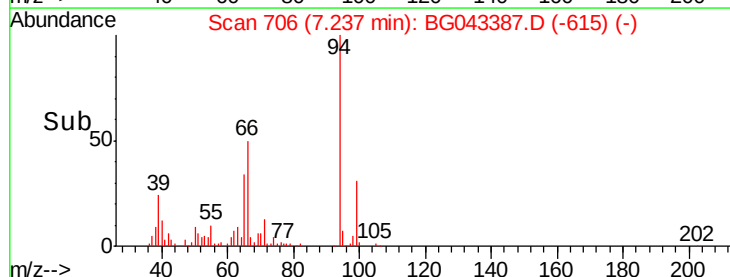
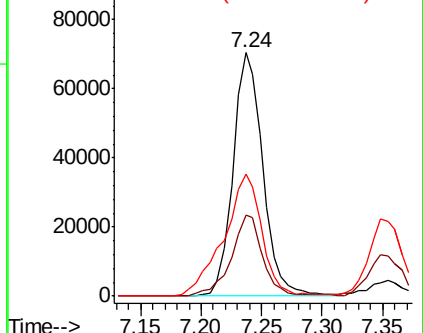
66 50.0 27.8 67.8

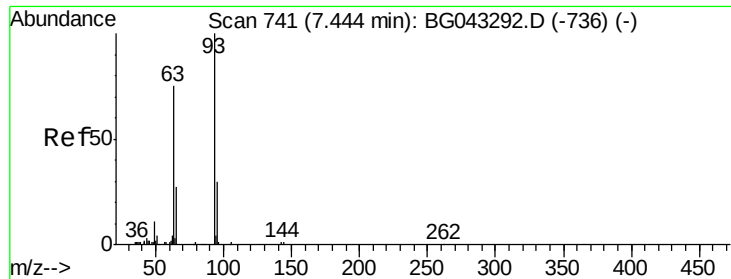


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 44.085 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

Instrument :

BNA_G

ClientSampleId :

PB124392BS

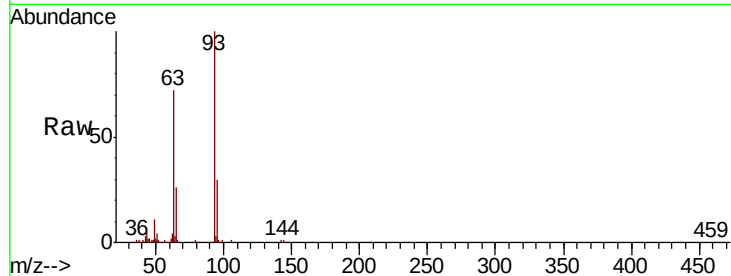
Tot Ion: 93 Resp: 86003

Ion Ratio Lower Upper

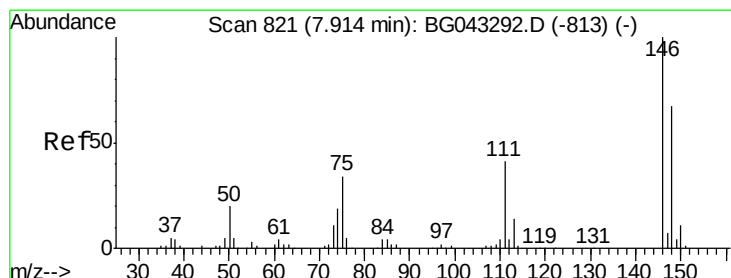
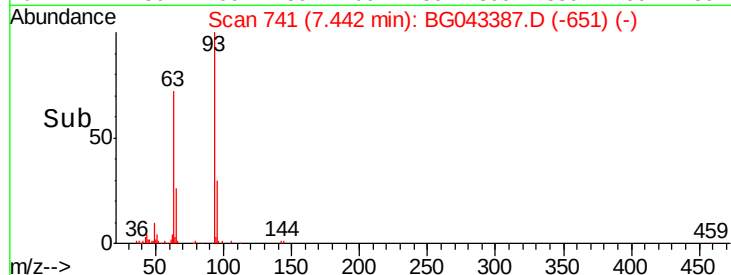
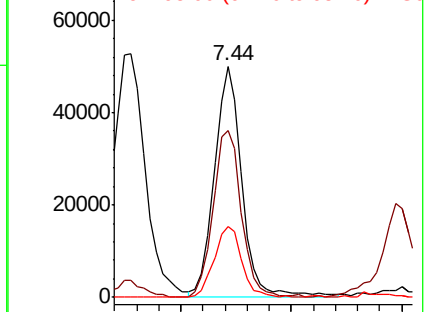
93 100

63 72.2 54.6 94.6

95 30.4 9.7 49.7



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



#12

1,3-Dichlorobenzene

Concen: 42.629 ng

RT: 7.91 min Scan# 821

Delta R.T. -0.00 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

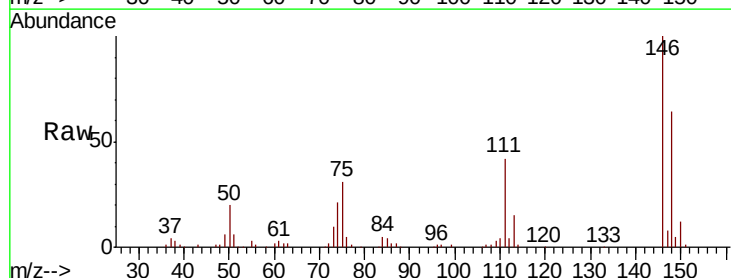
Tgt Ion: 146 Resp: 113157

Ion Ratio Lower Upper

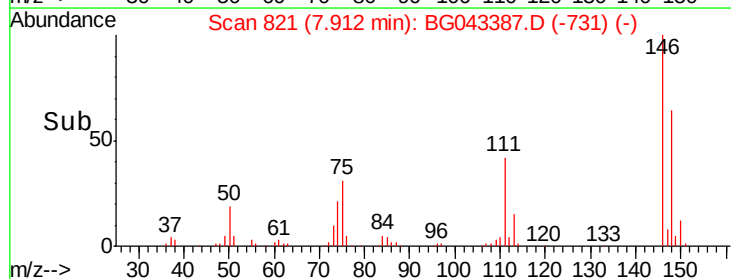
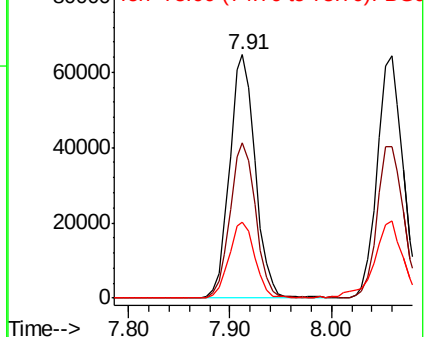
146 100

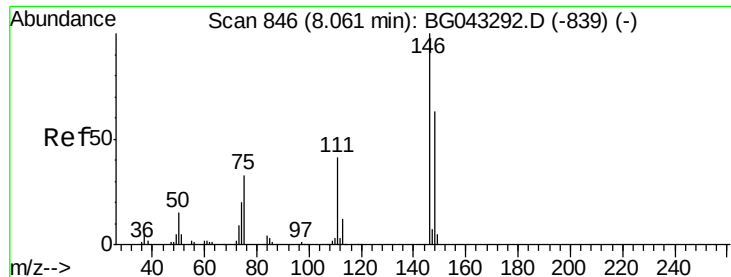
148 63.8 53.4 80.2

75 31.0 27.0 40.4



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

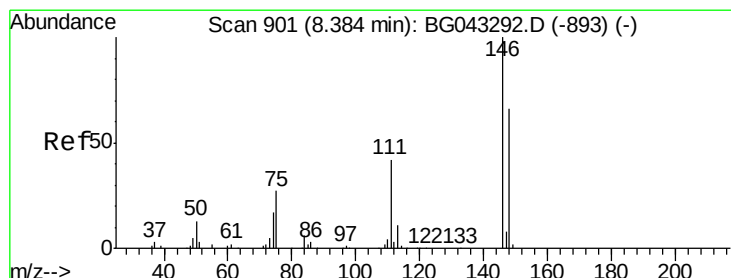
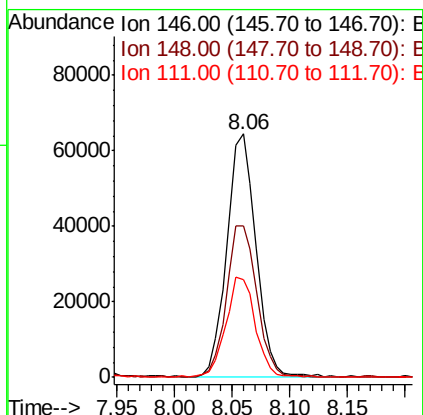
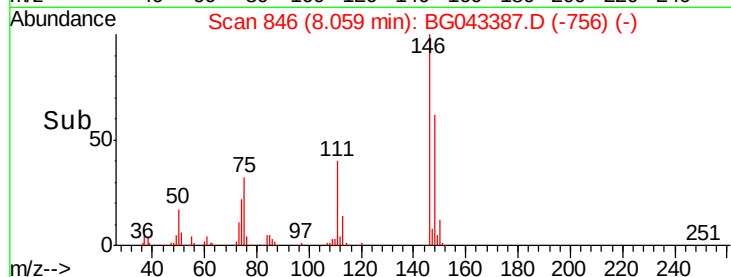
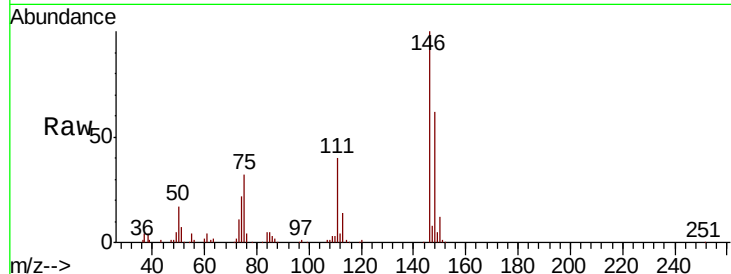




#13
 1,4-Dichlorobenzene
 Concen: 42.215 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG043387.D
 Acq: 30 Oct 2019 00:45

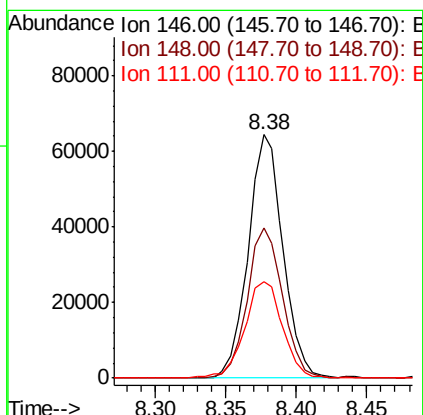
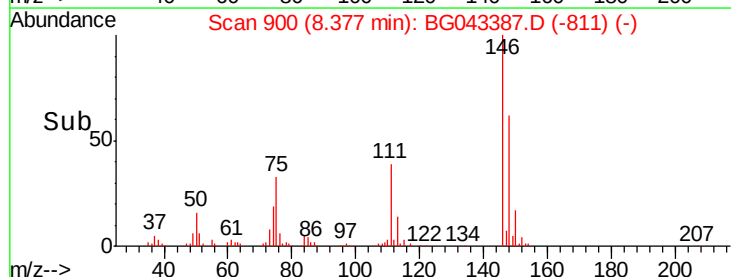
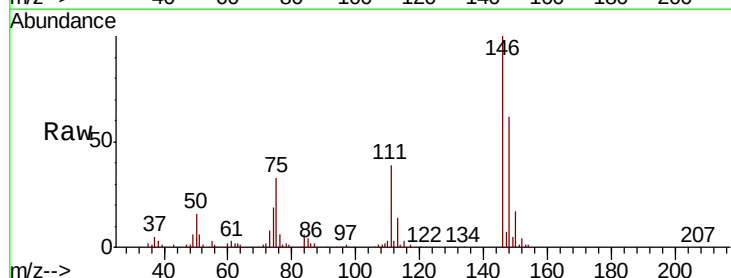
Instrument :
 BNA_G
 ClientSampleId :
 PB124392BS

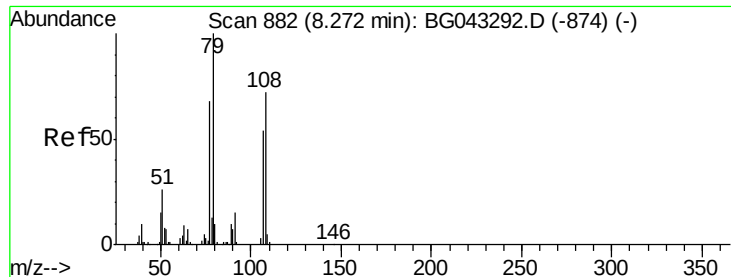
Tot Ion:146 Resp: 113375
 Ion Ratio Lower Upper
 146 100
 148 62.1 50.7 76.1
 111 40.3 33.0 49.6



#14
 1,2-Dichlorobenzene
 Concen: 42.411 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG043387.D
 Acq: 30 Oct 2019 00:45

Tgt Ion:146 Resp: 111211
 Ion Ratio Lower Upper
 146 100
 148 61.7 53.0 79.4
 111 39.5 34.5 51.7





#15

Benzyl Alcohol

Concen: 45.160 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

Instrument :

BNA_G

ClientSampleId :

PB124392BS

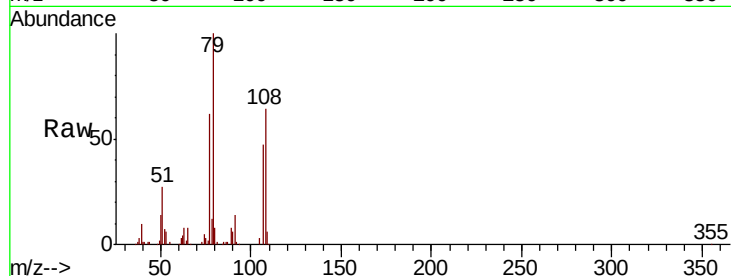
Tot Ion: 79 Resp: 87579

Ion Ratio Lower Upper

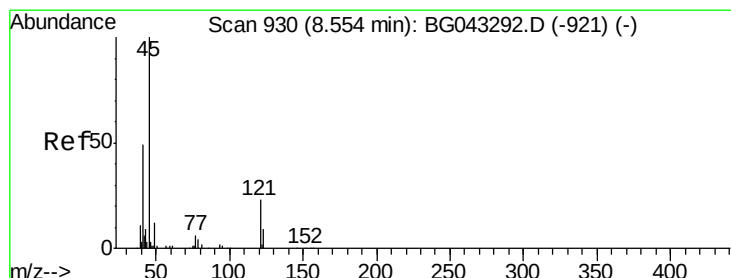
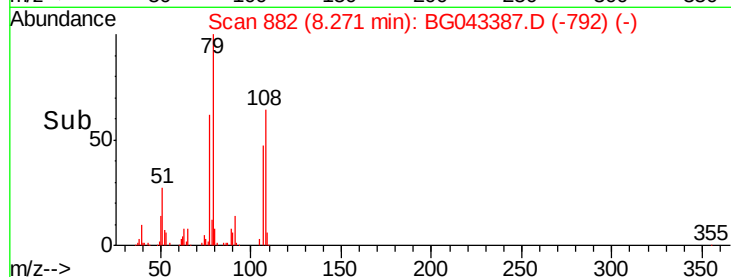
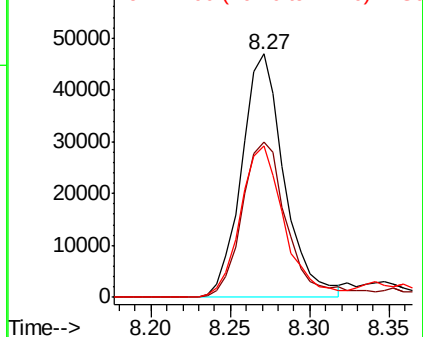
79 100

108 64.0 57.3 85.9

77 62.4 54.6 81.8



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: 40.294 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

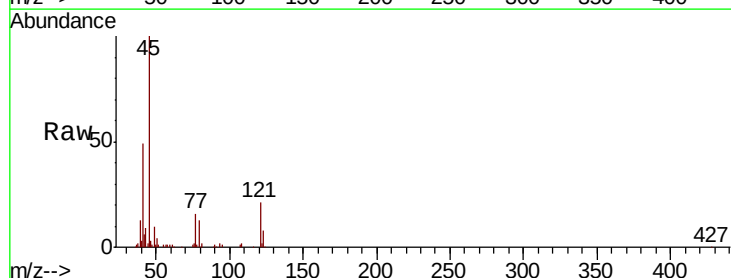
Tgt Ion: 45 Resp: 114303

Ion Ratio Lower Upper

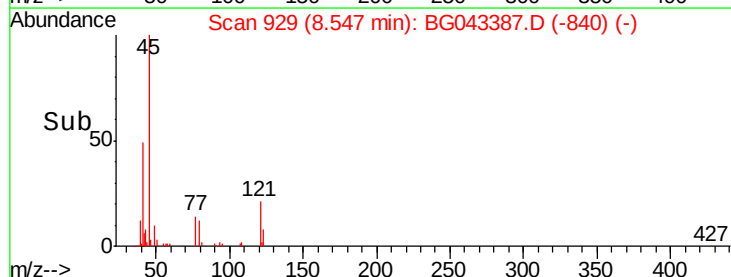
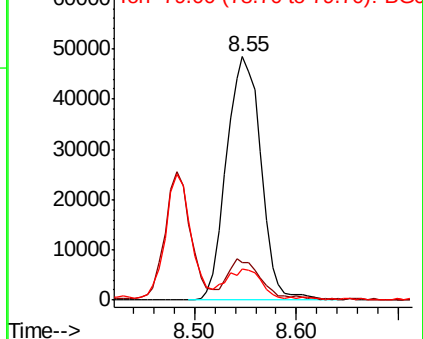
45 100

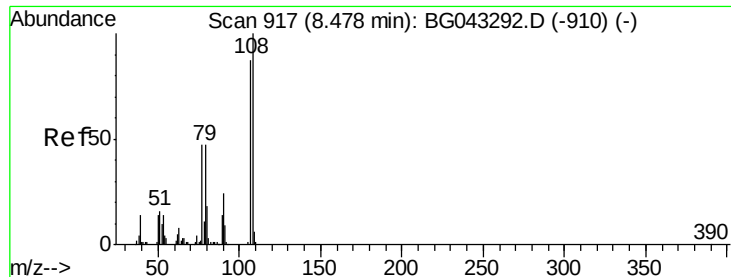
77 15.6 0.0 34.2

79 13.0 0.0 32.3



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: 46.445 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

Instrument :

BNA_G

ClientSampleId :

PB124392BS

Tot Ion:107 Resp: 85435

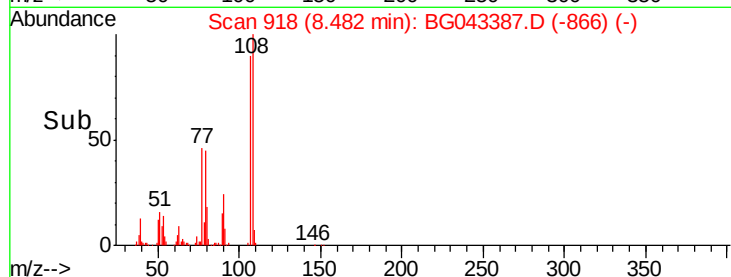
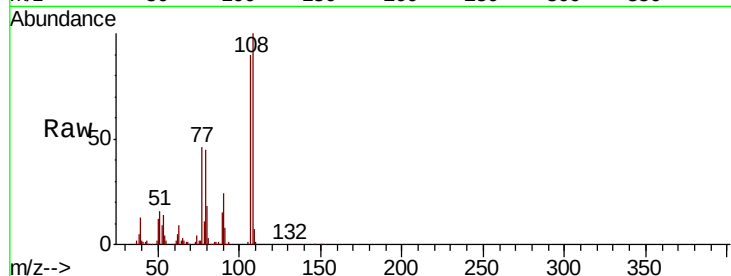
Ion Ratio Lower Upper

107 100

108 111.2 91.3 136.9

77 50.7 43.0 64.6

79 49.6 43.4 65.2



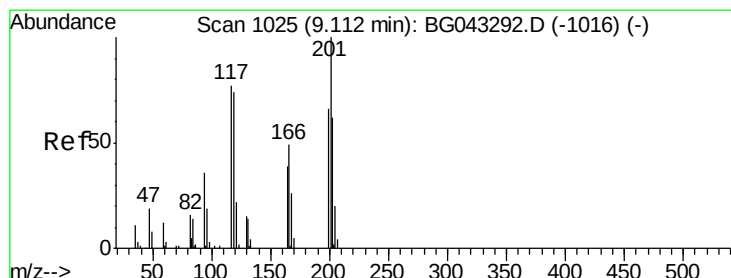
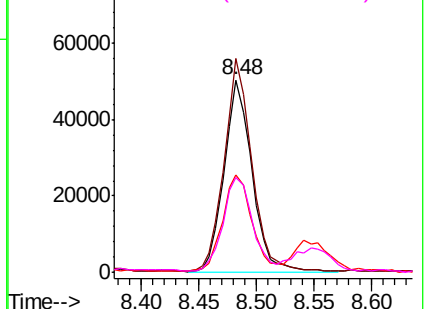
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.299 ng

RT: 9.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

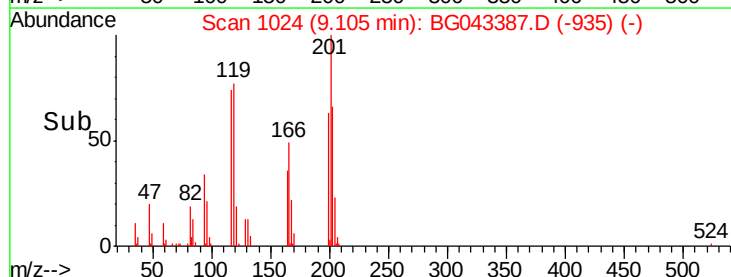
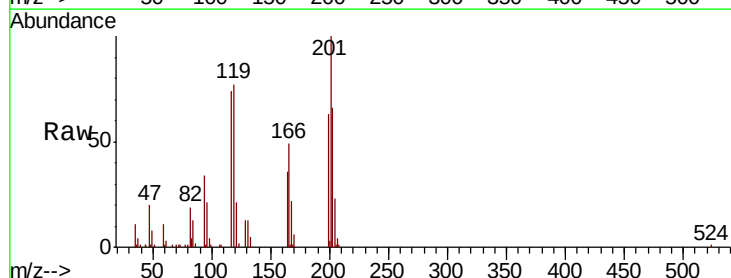
Tgt Ion:117 Resp: 39048

Ion Ratio Lower Upper

117 100

119 104.7 77.3 115.9

201 135.7 104.2 156.4

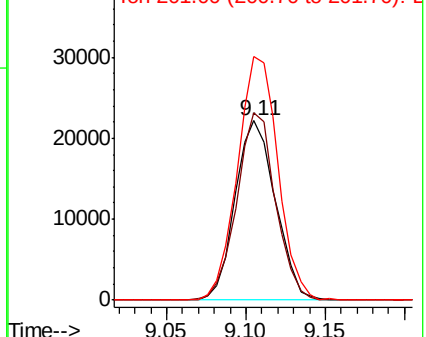


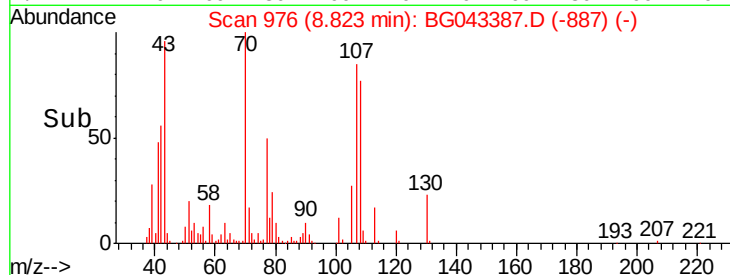
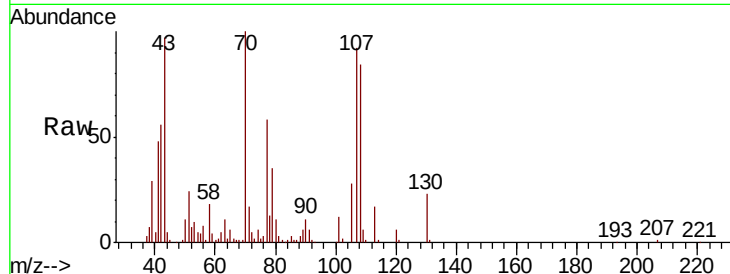
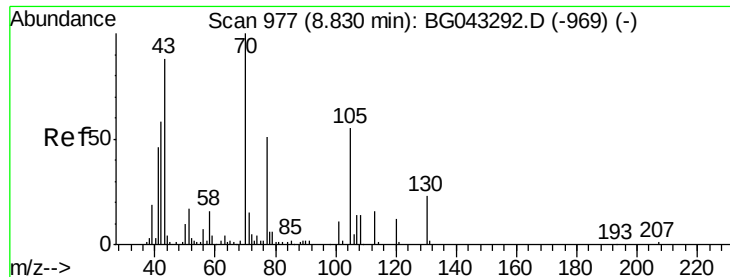
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

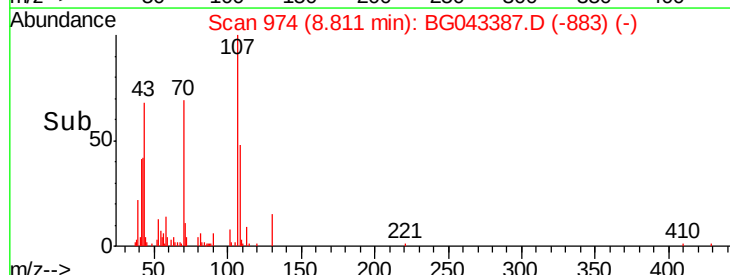
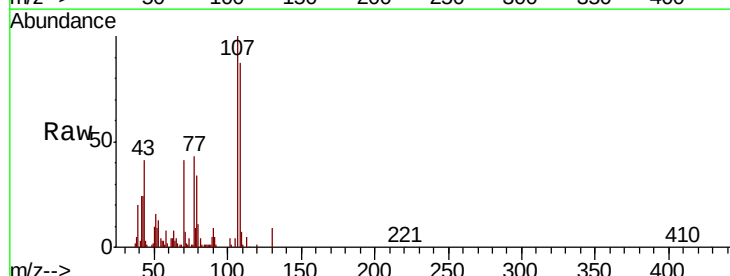
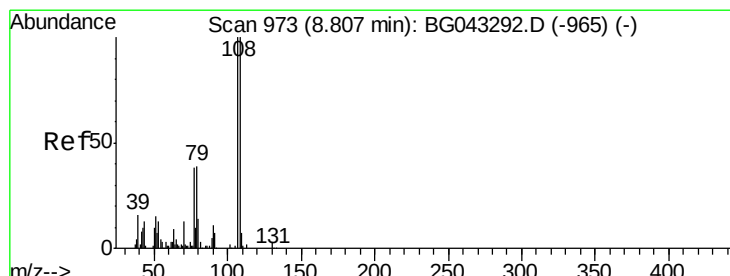
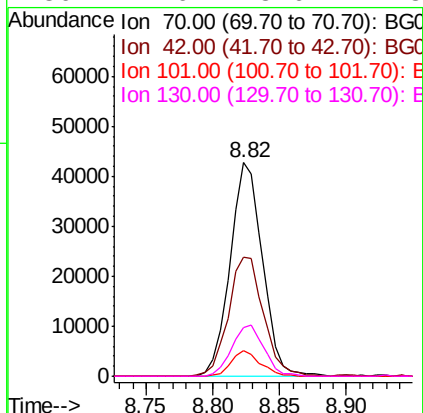




#19
n-Nitroso-di-n-propylamine
Concen: 40.429 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043387.D
Acq: 30 Oct 2019 00:45

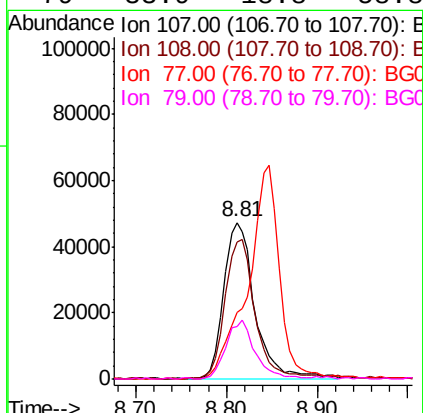
Instrument :
BNA_G
ClientSampleId :
PB124392BS

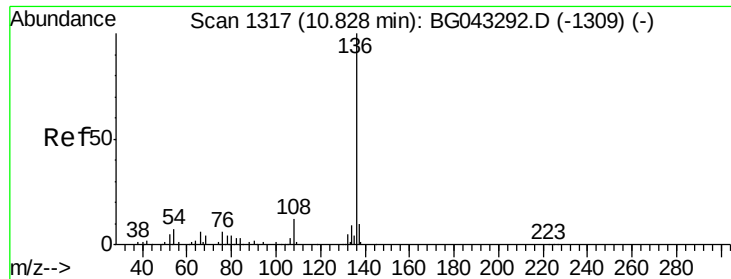
Tot Ion:	70	Resp:	72138
Ion	Ratio	Lower	Upper
70	100		
42	55.8	46.2	69.2
101	12.0	8.6	13.0
130	22.6	18.6	27.8



#20
3+4-Methylphenols
Concen: 44.925 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG043387.D
Acq: 30 Oct 2019 00:45

Tgt Ion:	107	Resp:	113318
Ion	Ratio	Lower	Upper
107	100		
108	87.4	80.3	120.3
77	42.7	18.2	58.2
79	33.9	18.8	58.8

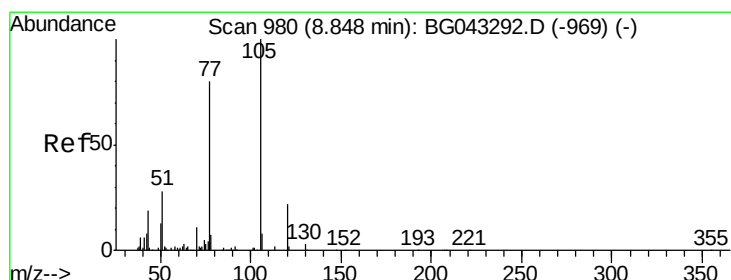
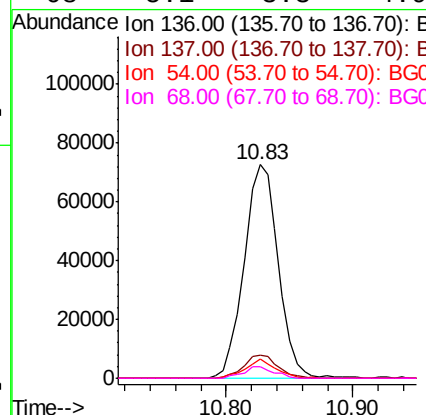
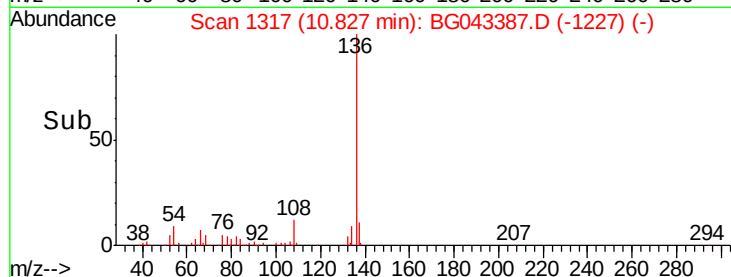
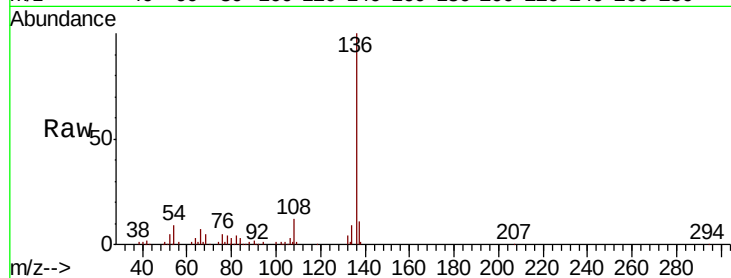




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043387.D
Acq: 30 Oct 2019 00:45

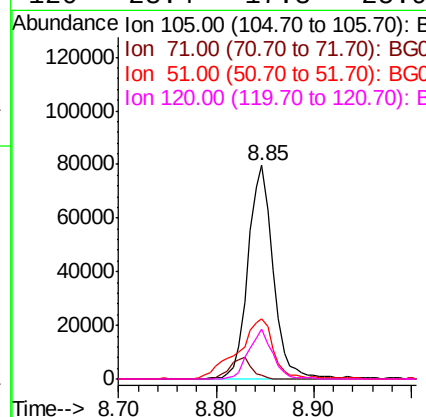
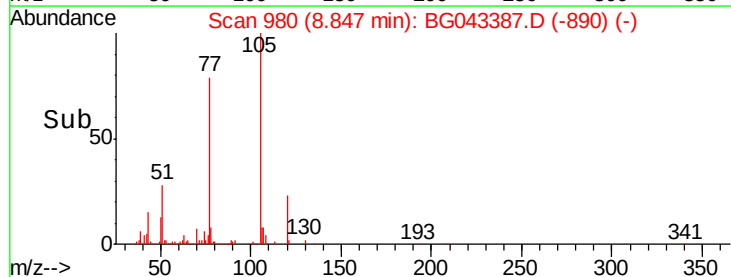
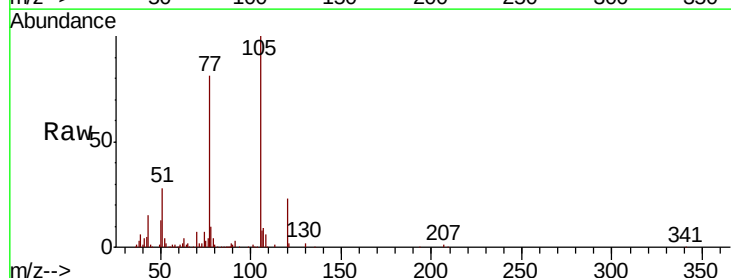
Instrument :
BNA_G
ClientSampleId :
PB124392BS

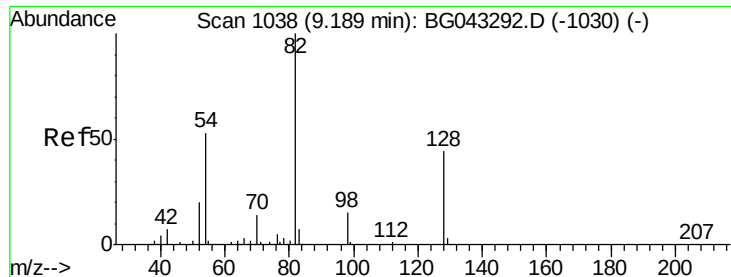
Tot Ion:	136	Resp:	135471
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.2
54	8.7	5.4	8.2#
68	5.1	3.3	4.9#



#22
Acetophenone
Concen: 41.535 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG043387.D
Acq: 30 Oct 2019 00:45

Tgt Ion:	105	Resp:	144096
Ion	Ratio	Lower	Upper
105	100		
71	1.7	1.5	2.3
51	28.4	23.9	35.9
120	23.4	17.3	25.9

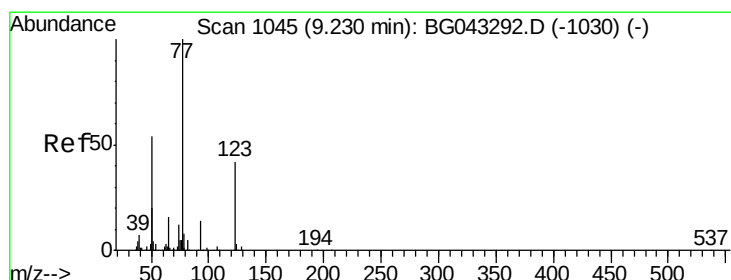
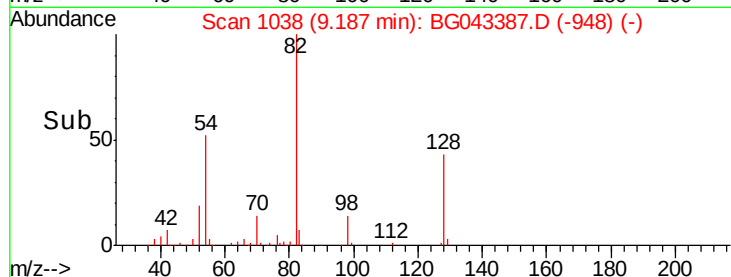
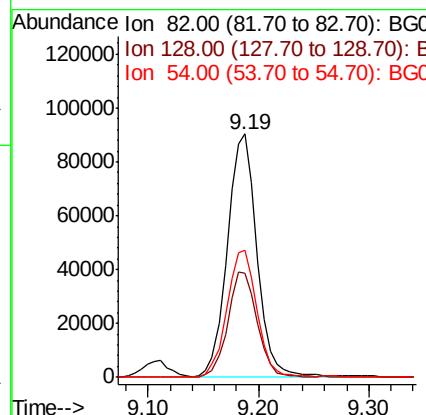
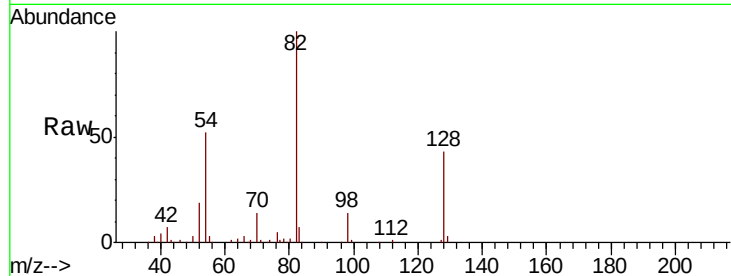




#23
 Nitrobenzene-d5
 Concen: 64.006 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043387.D
 Acq: 30 Oct 2019 00:45

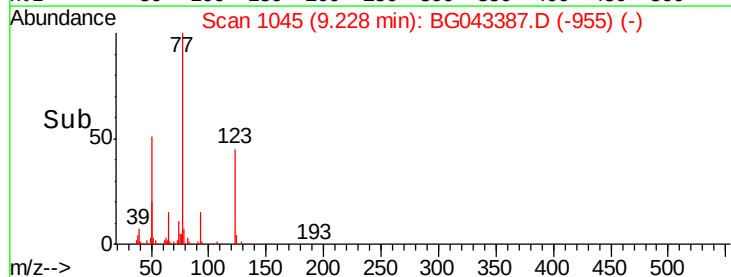
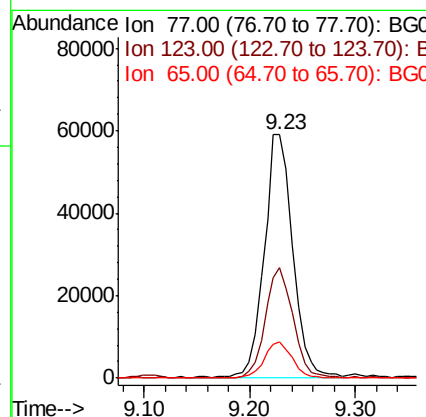
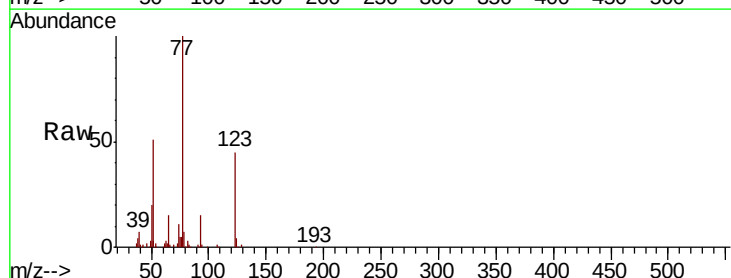
Instrument :
 BNA_G
 ClientSampleId :
 PB124392BS

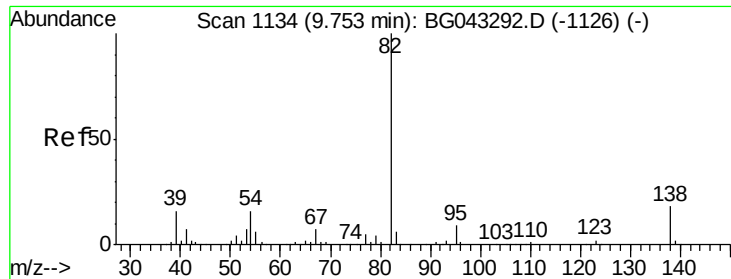
Tot Ion	82	Resp	168190
Ion Ratio	Lower	Upper	
82	100		
128	42.7	35.3	52.9
54	52.3	42.3	63.5



#24
 Nitrobenzene
 Concen: 44.094 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG043387.D
 Acq: 30 Oct 2019 00:45

Tgt Ion	77	Resp	110376
Ion Ratio	Lower	Upper	
77	100		
123	45.5	33.8	50.8
65	14.7	13.0	19.4





#25

Isophorone

Concen: 42.327 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

Instrument :

BNA_G

ClientSampleId :

PB124392BS

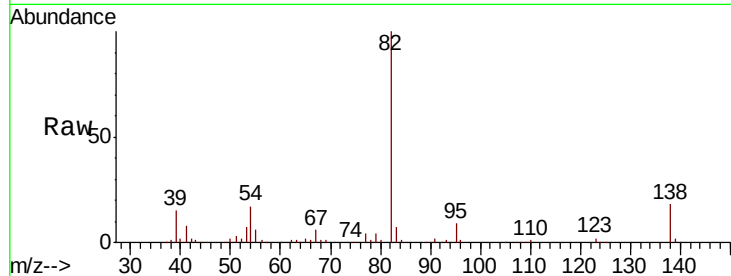
Tot Ion: 82 Resp: 203348

Ion Ratio Lower Upper

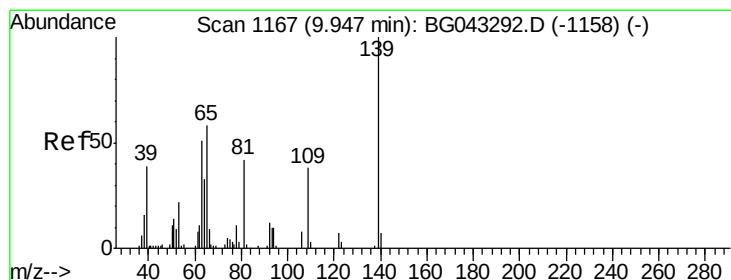
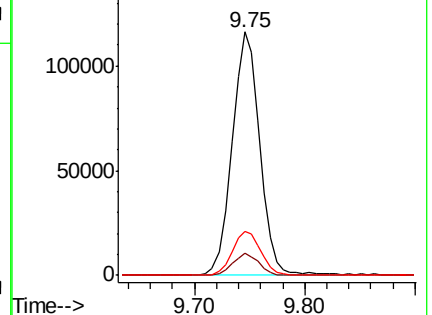
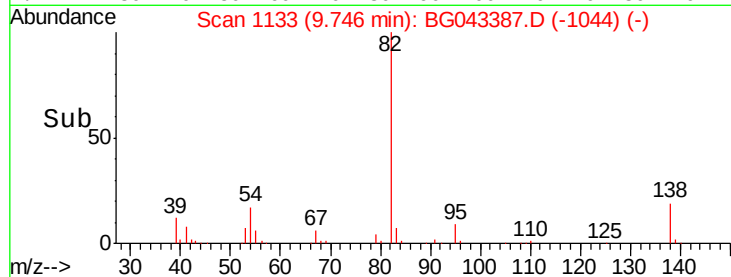
82 100

95 8.9 6.9 10.3

138 18.1 14.2 21.2



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: 47.441 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

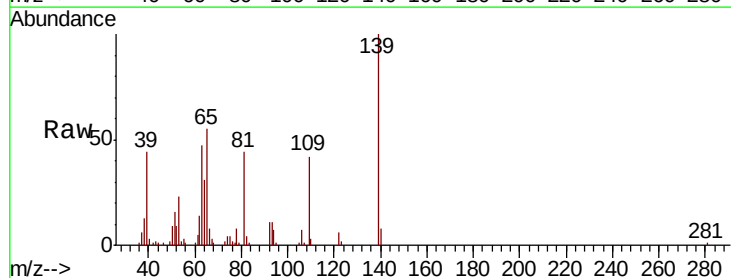
Tgt Ion: 139 Resp: 57332

Ion Ratio Lower Upper

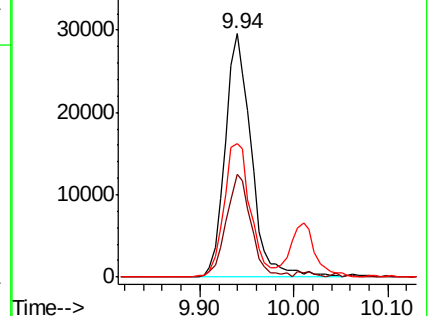
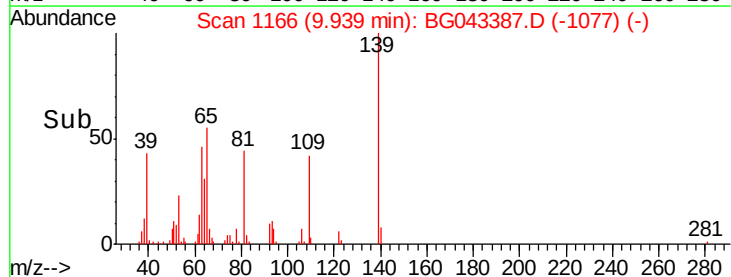
139 100

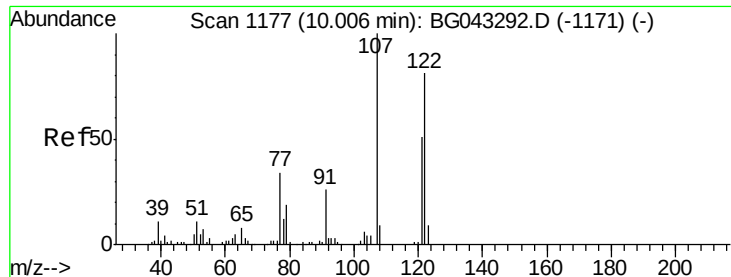
109 42.0 30.1 45.1

65 54.8 46.1 69.1



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

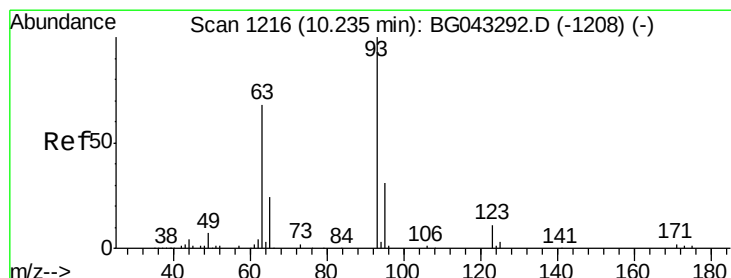
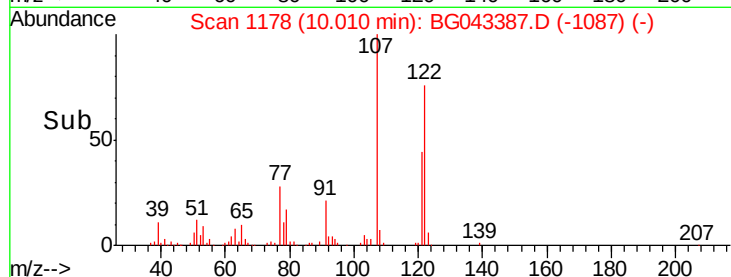
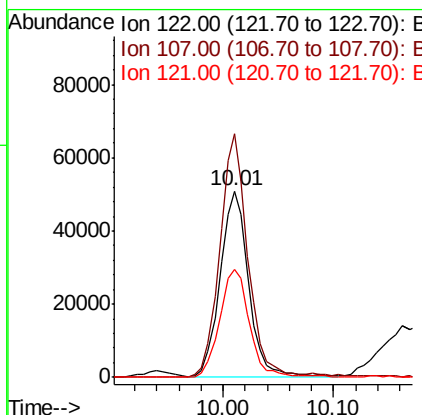
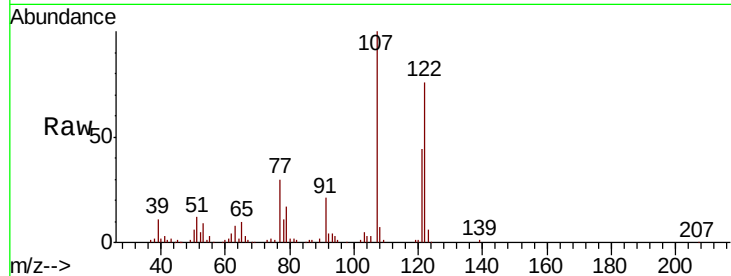




#27
2,4-Dimethylphenol
Concen: 52.080 ng
RT: 10.01 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BG043387.D
Acq: 30 Oct 2019 00:45

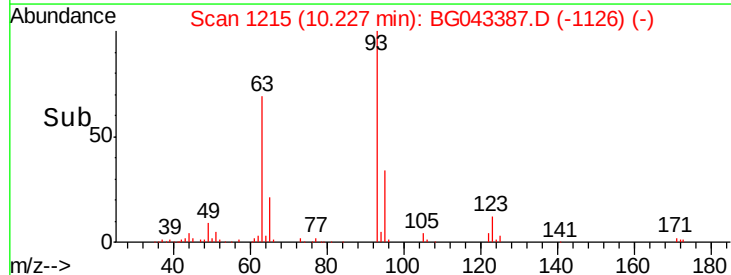
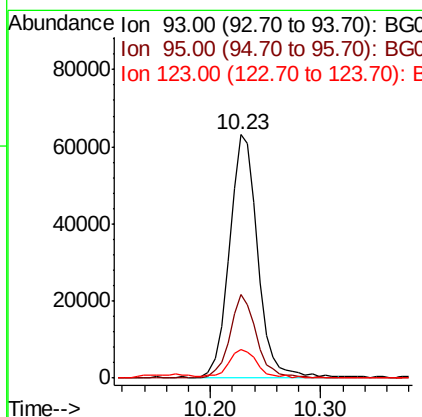
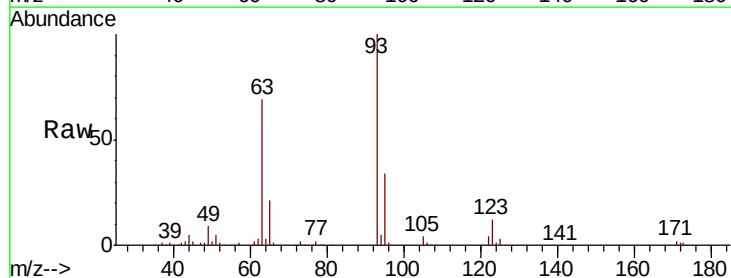
Instrument :
BNA_G
ClientSampleId :
PB124392BS

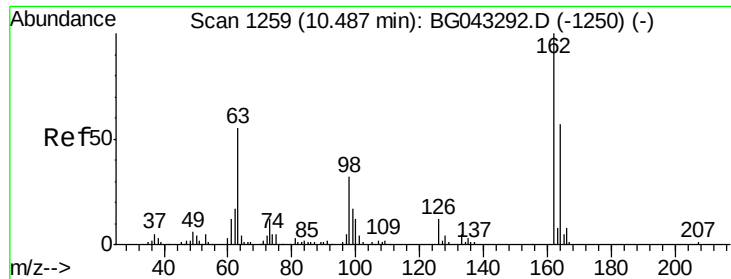
Tot Ion:122 Resp: 90209
Ion Ratio Lower Upper
122 100
107 130.8 98.6 147.8
121 58.2 50.1 75.1



#28
bis(2-Chloroethoxy)methane
Concen: 42.889 ng
RT: 10.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BG043387.D
Acq: 30 Oct 2019 00:45

Tgt Ion: 93 Resp: 113720
Ion Ratio Lower Upper
93 100
95 34.2 24.9 37.3
123 11.5 8.9 13.3

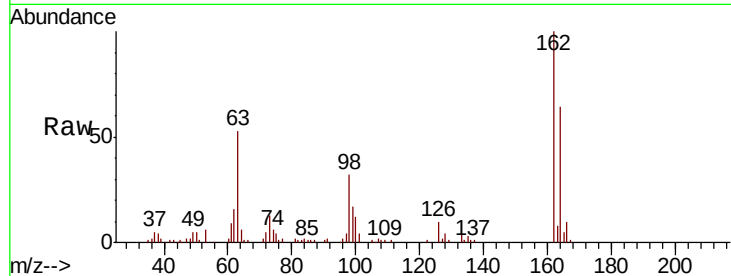




#29
2,4-Dichlorophenol
Concen: 47.140 ng
RT: 10.49 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BG043387.D
Acq: 30 Oct 2019 00:45

Instrument :
BNA_G
ClientSampleId :
PB124392BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	37.3	77.3
98	32.4	11.8	51.8

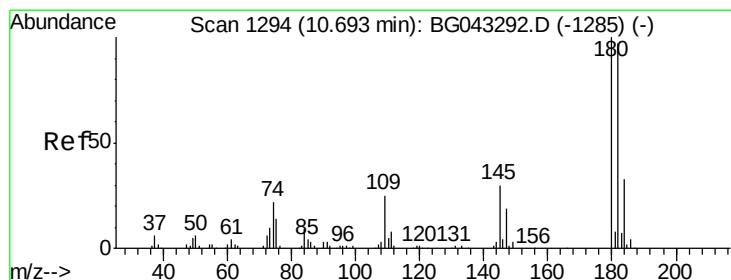
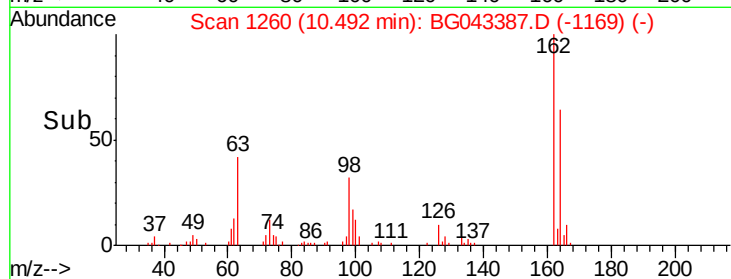
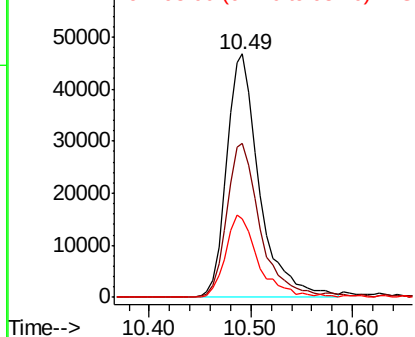


Abundance

Ion 162.00 (161.70 to 162.70): E

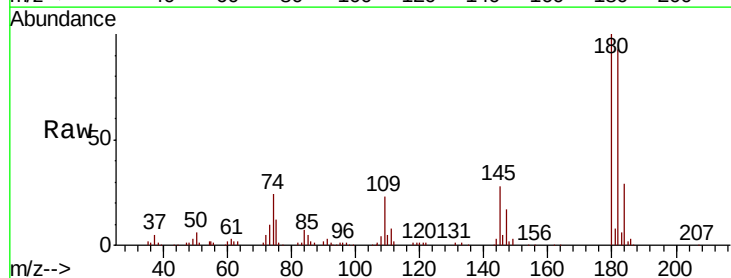
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 43.444 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG043387.D
Acq: 30 Oct 2019 00:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	77.8	116.8
145	28.5	23.6	35.4

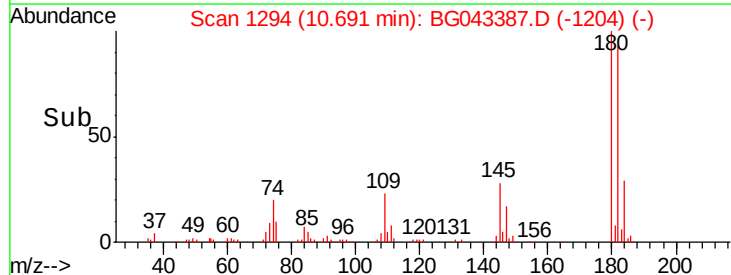
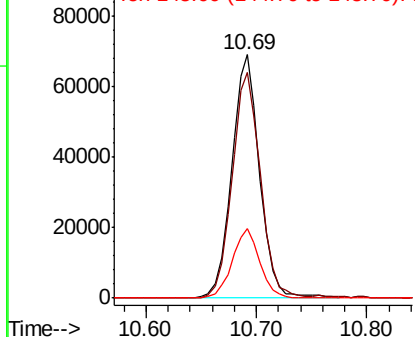


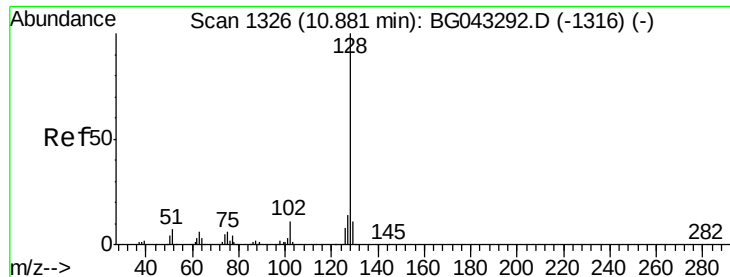
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

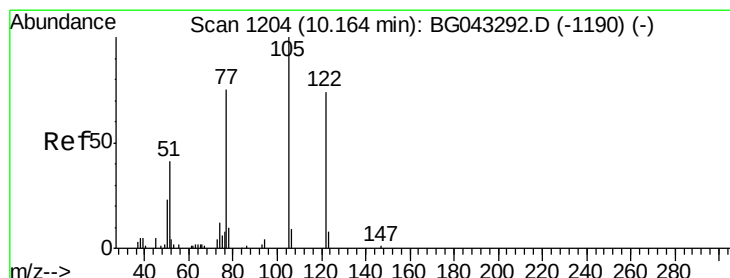
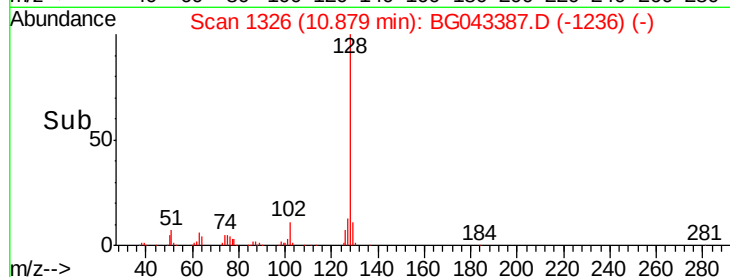
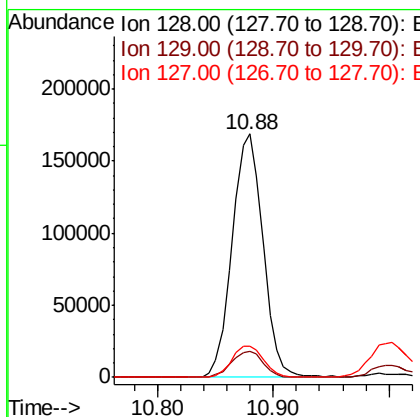
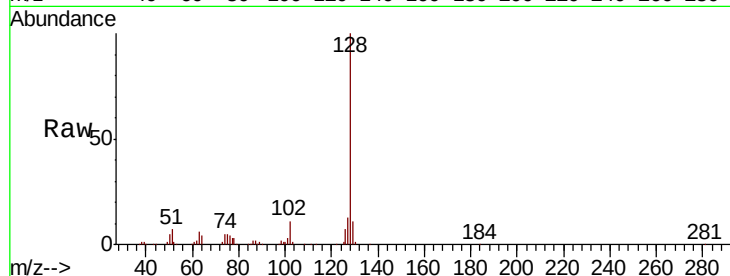




#31
Naphthalene
Concen: 45.395 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043387.D
Acq: 30 Oct 2019 00:45

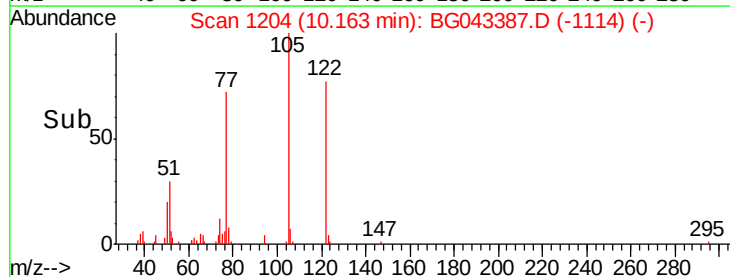
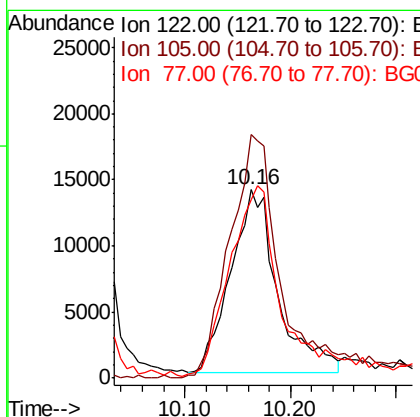
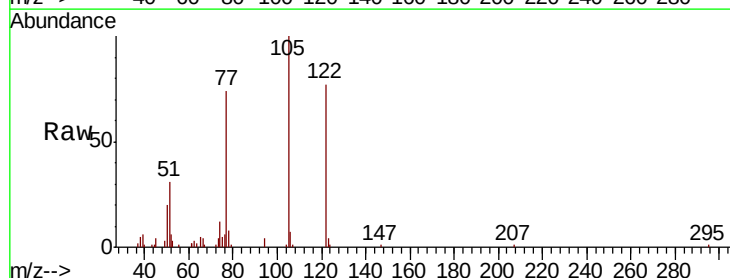
Instrument :
BNA_G
ClientSampleId :
PB124392BS

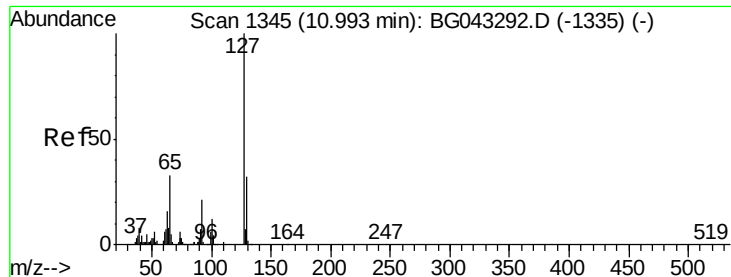
Tot Ion:128 Resp: 312157
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 12.7 11.5 17.3



#32
Benzoic acid
Concen: 35.086 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BG043387.D
Acq: 30 Oct 2019 00:45

Tgt Ion:122 Resp: 42436
Ion Ratio Lower Upper
122 100
105 129.3 112.4 152.4
77 95.1 82.7 122.7

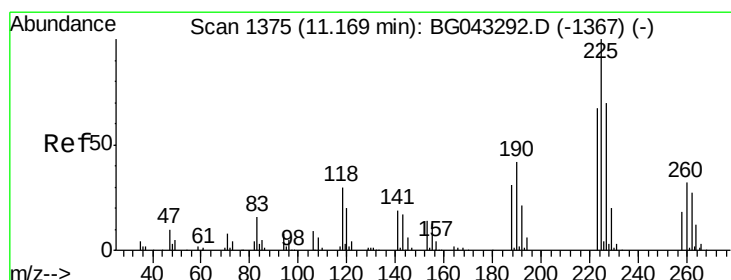
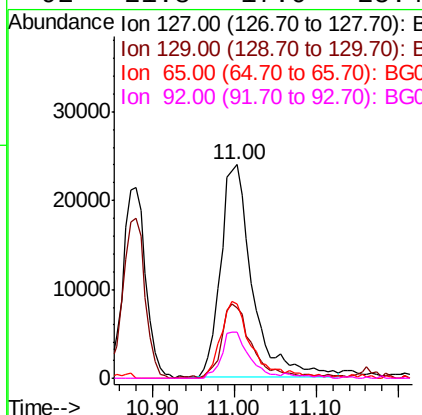
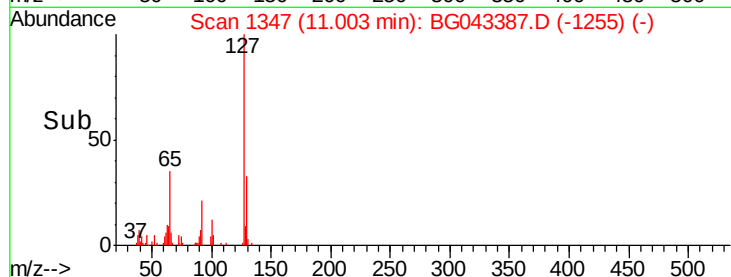
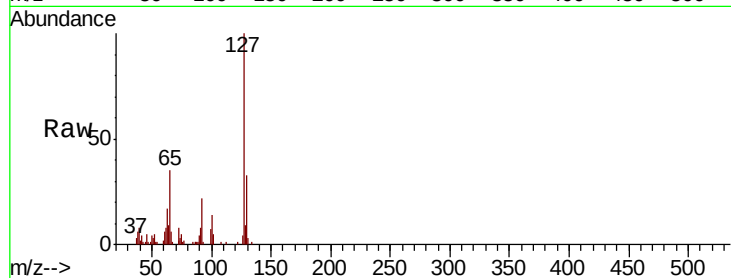




#33
4-Chloroaniline
Concen: 22.839 ng
RT: 11.00 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BG043387.D
Acq: 30 Oct 2019 00:45

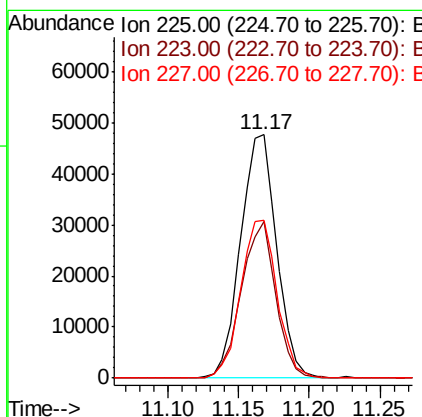
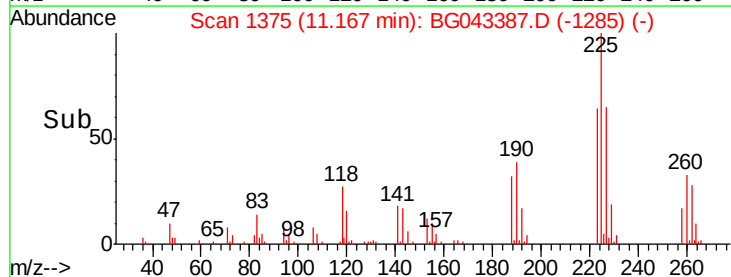
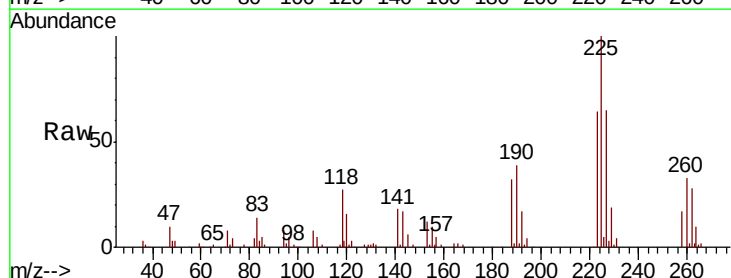
Instrument :
BNA_G
ClientSampleId :
PB124392BS

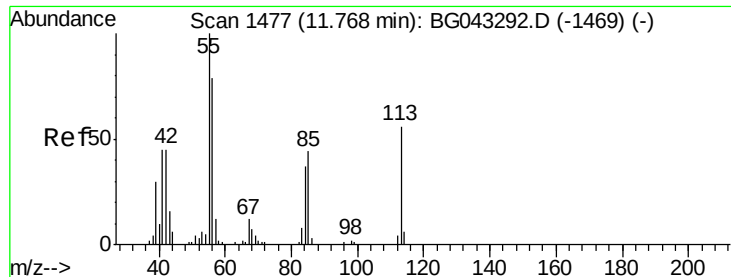
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.8	38.8
65	34.9	26.2	39.2
92	21.8	17.0	25.4



#34
Hexachlorobutadiene
Concen: 41.250 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG043387.D
Acq: 30 Oct 2019 00:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	53.2	79.8
227	64.9	56.2	84.2





#35

Caprolactam

Concen: 39.896 ng

RT: 11.75 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

Instrument :

BNA_G

ClientSampleId :

PB124392BS

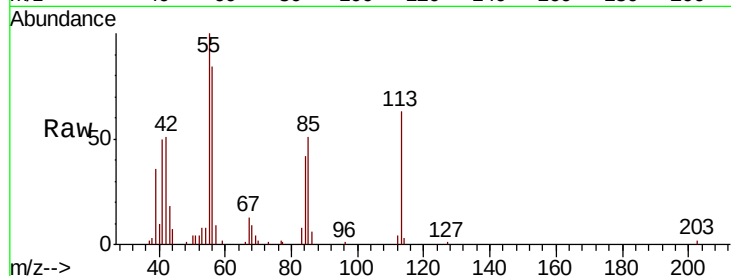
Tot Ion:113 Resp: 30494

Ion Ratio Lower Upper

113 100

55 158.1 158.9 198.9#

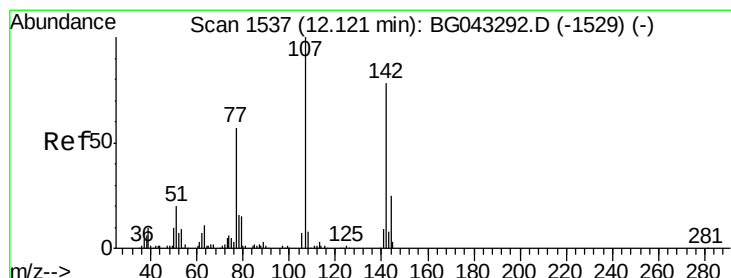
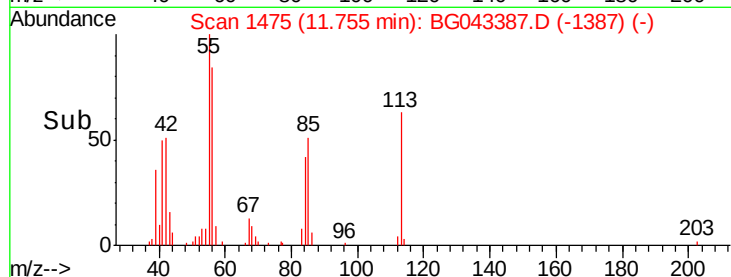
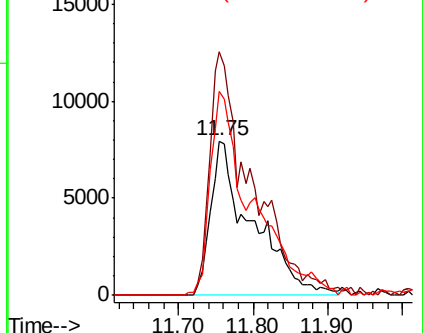
56 132.2 121.4 161.4



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: 44.516 ng

RT: 12.13 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

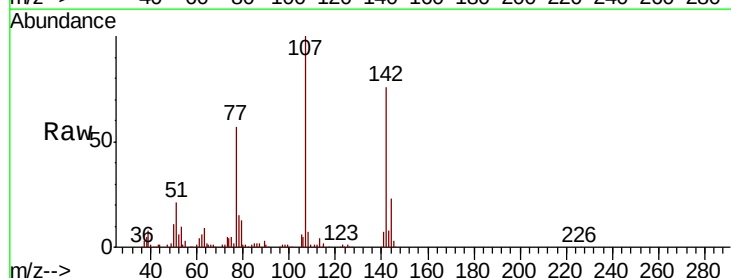
Tgt Ion:107 Resp: 107765

Ion Ratio Lower Upper

107 100

144 22.9 19.9 29.9

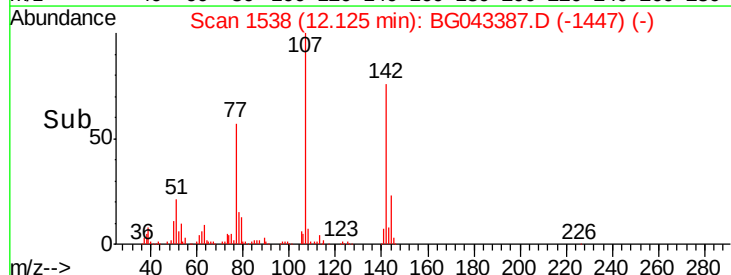
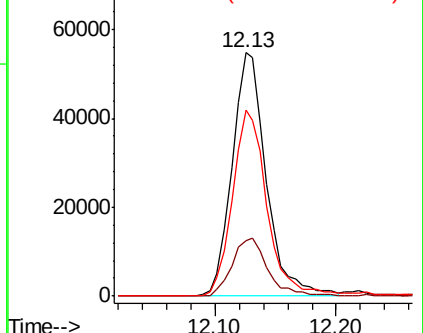
142 76.2 62.1 93.1

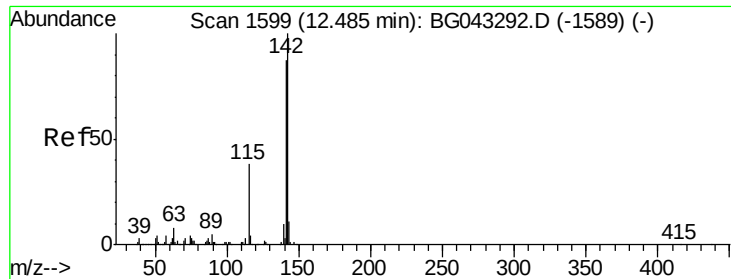


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

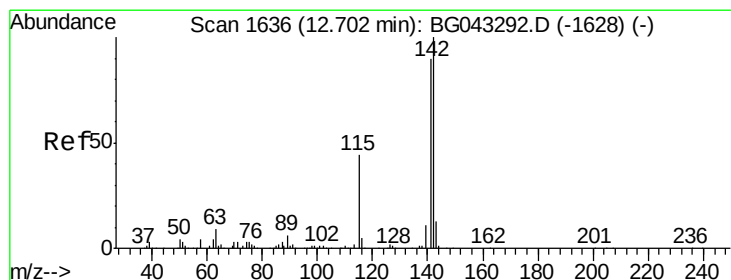
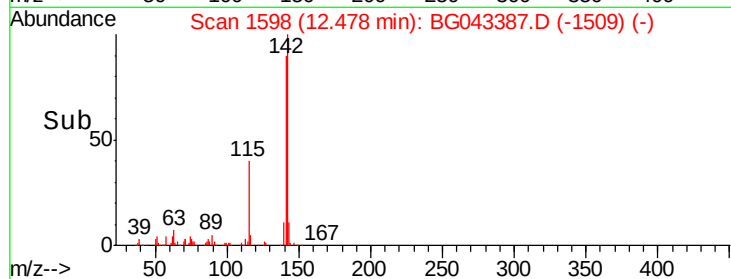
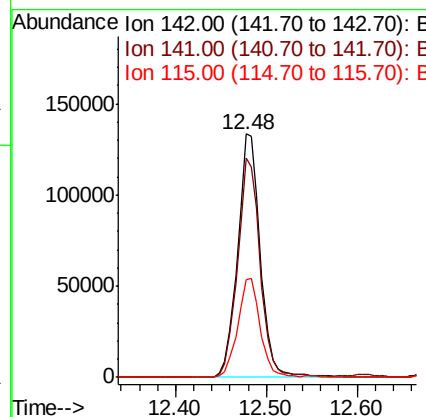
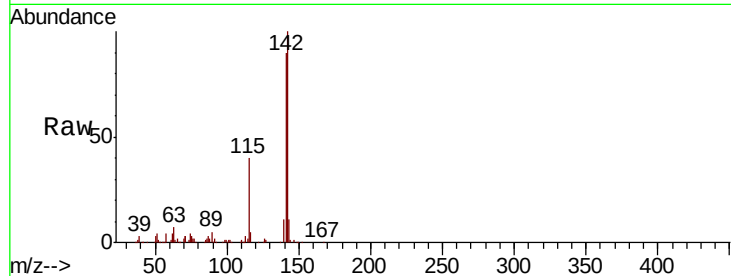




#37
 2-Methylnaphthalene
 Concen: 44.162 ng
 RT: 12.48 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BG043387.D
 Acq: 30 Oct 2019 00:45

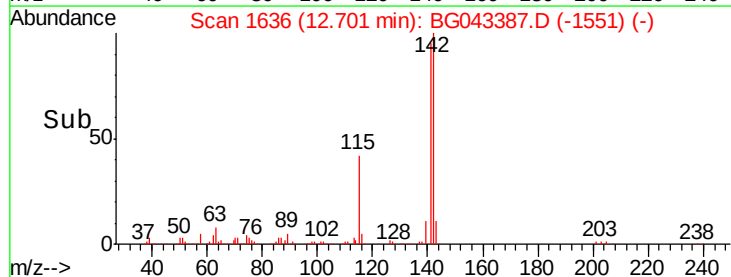
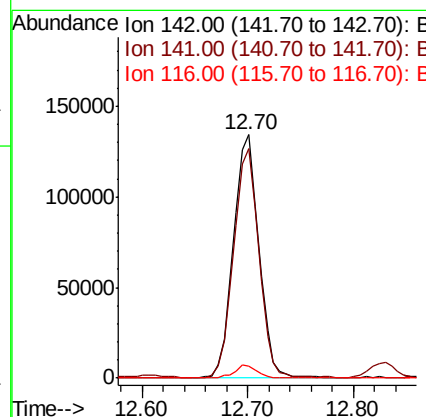
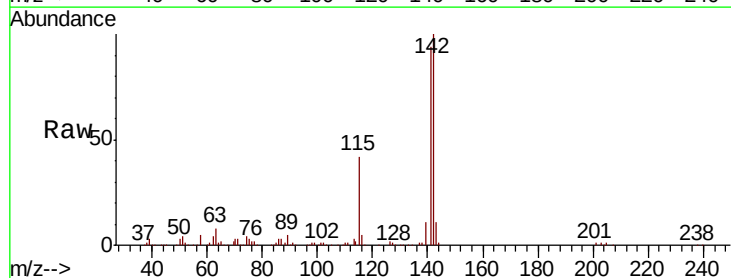
Instrument :
 BNA_G
 ClientSampleId :
 PB124392BS

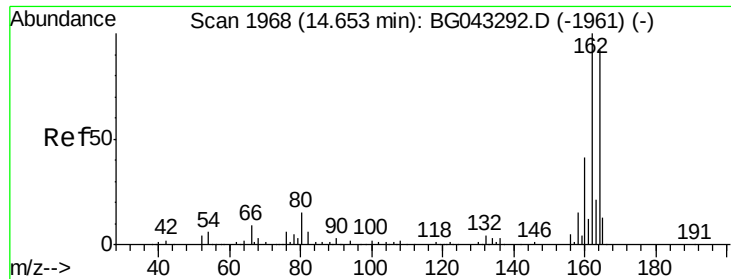
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	69.7	104.5
115	40.1	30.6	46.0



#38
 1-Methylnaphthalene
 Concen: 44.147 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: BG043387.D
 Acq: 30 Oct 2019 00:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	72.3	108.5
116	4.7	3.8	5.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

Instrument :

BNA_G

ClientSampleId :

PB124392BS

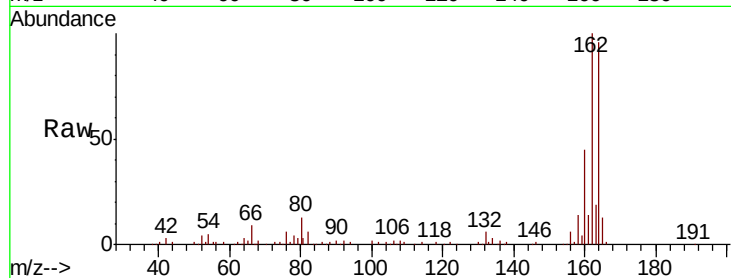
Tot Ion:164 Resp: 103627

Ion Ratio Lower Upper

164 100

162 104.4 87.0 130.4

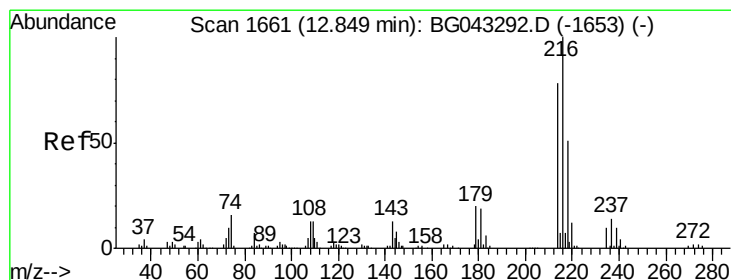
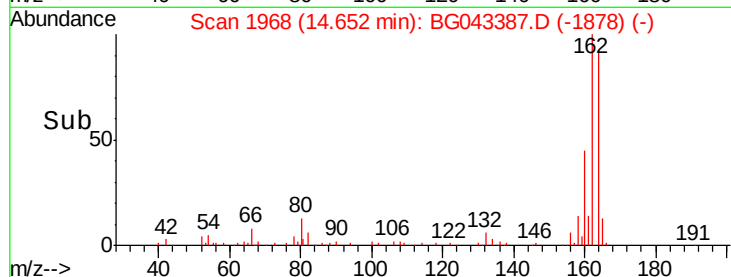
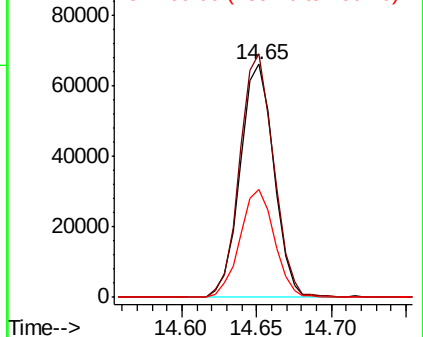
160 46.5 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.870 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

Tgt Ion:216 Resp: 152904

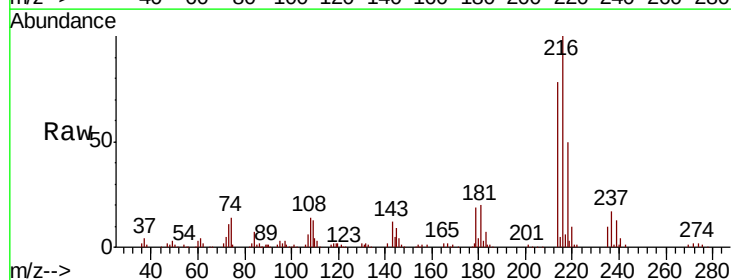
Ion Ratio Lower Upper

216 100

214 77.1 63.5 95.3

179 19.3 16.2 24.2

108 14.9 11.2 16.8

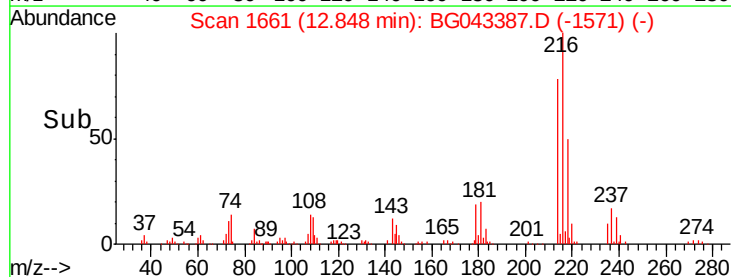
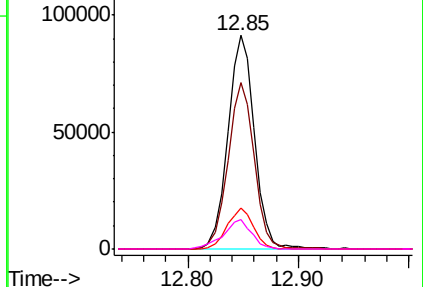


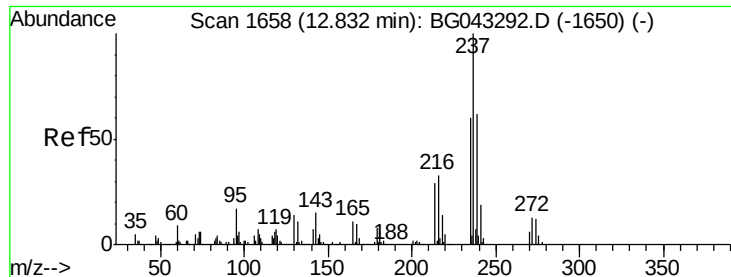
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 71.067 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

Instrument :

BNA_G

ClientSampleId :

PB124392BS

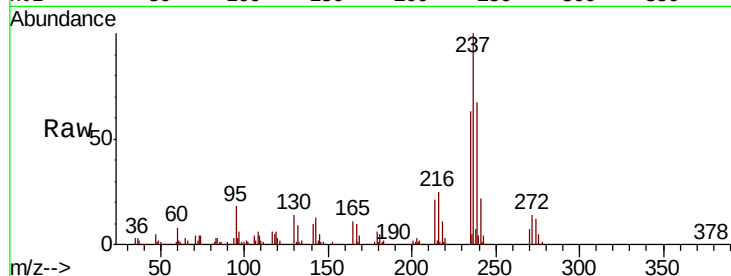
Tot Ion:237 Resp: 143171

Ion Ratio Lower Upper

237 100

235 63.2 40.3 80.3

272 13.6 0.0 32.9

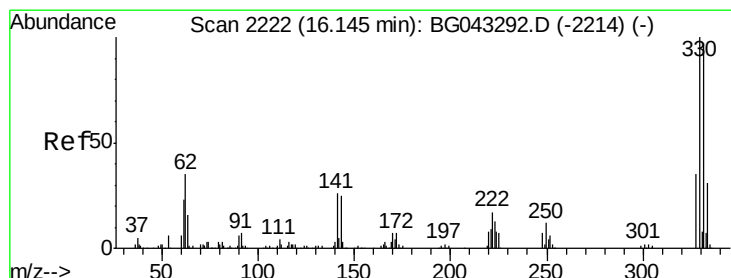
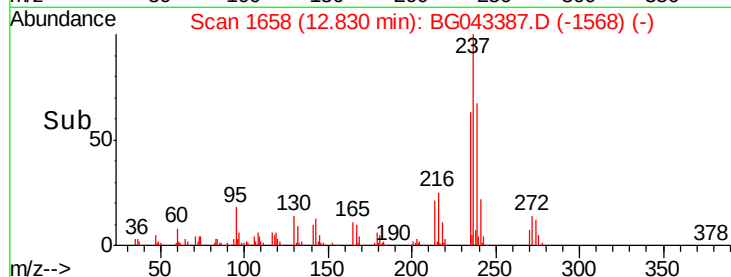
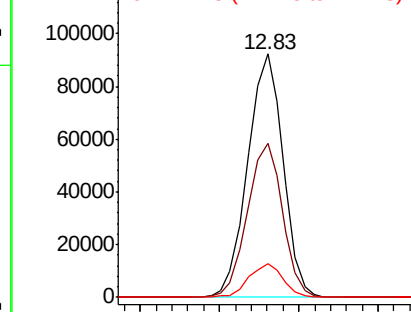


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 107.518 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

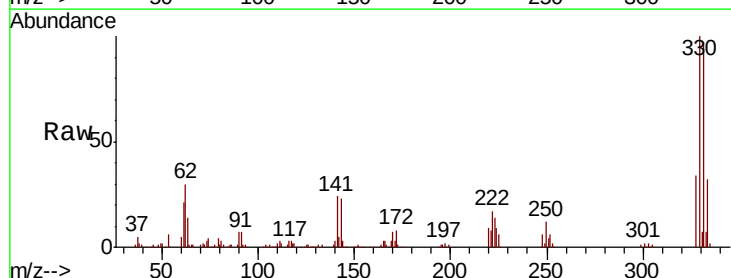
Tgt Ion:330 Resp: 212028

Ion Ratio Lower Upper

330 100

332 96.2 76.4 114.6

141 28.2 21.4 32.0

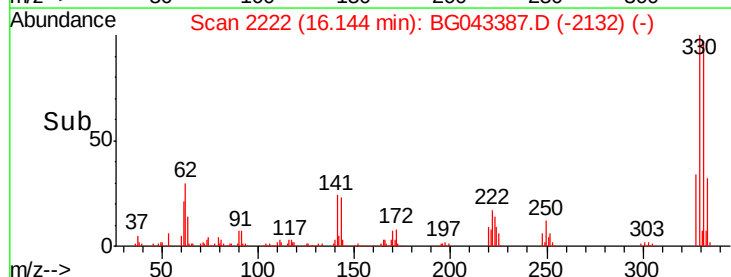
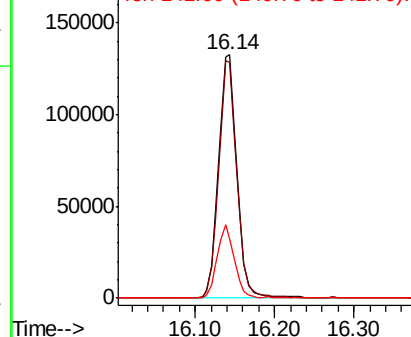


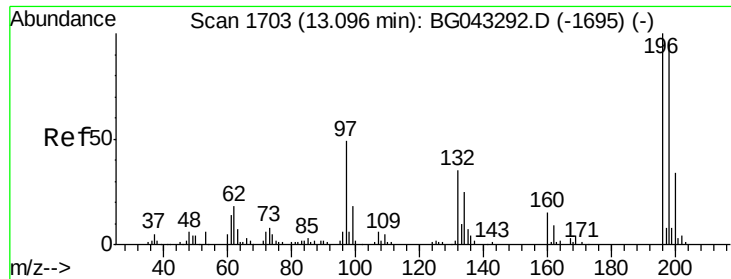
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

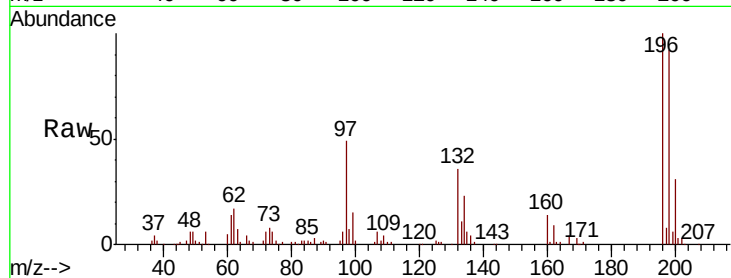




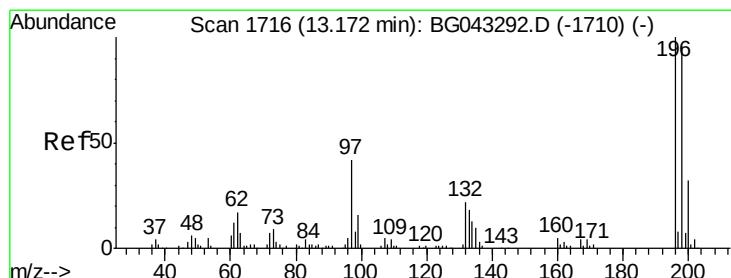
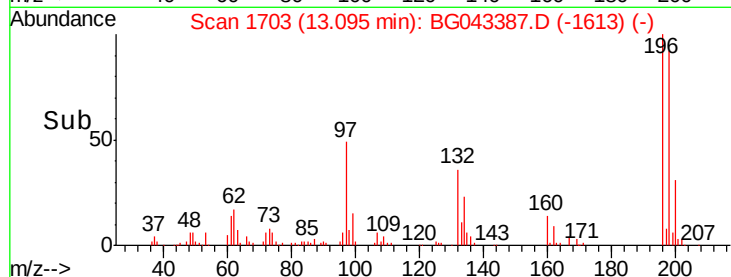
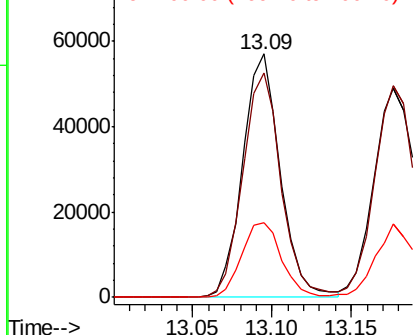
#43
 2,4,6-Trichlorophenol
 Concen: 41.679 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043387.D
 Acq: 30 Oct 2019 00:45

Instrument :
 BNA_G
 ClientSampled :
 PB124392BS

Tot Ion:196 Resp: 94133
 Ion Ratio Lower Upper
 196 100
 198 91.9 77.0 115.4
 200 30.8 27.4 41.2



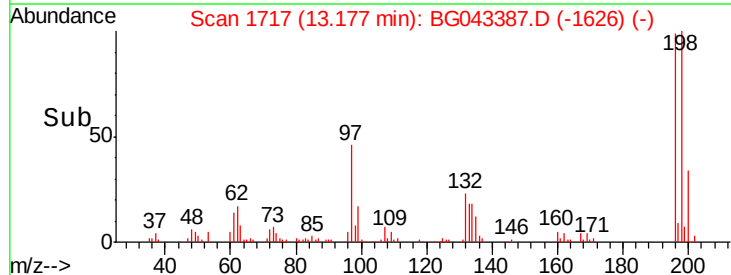
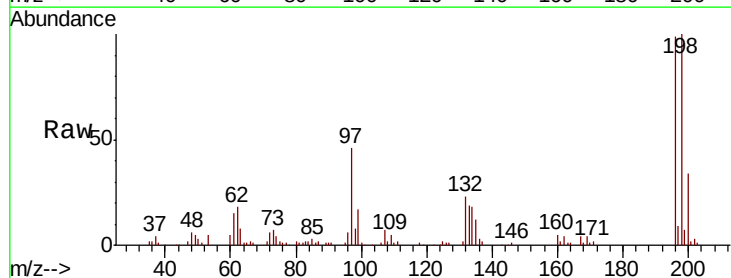
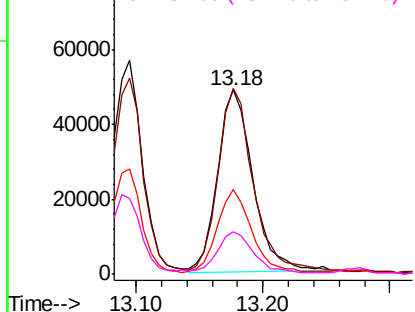
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

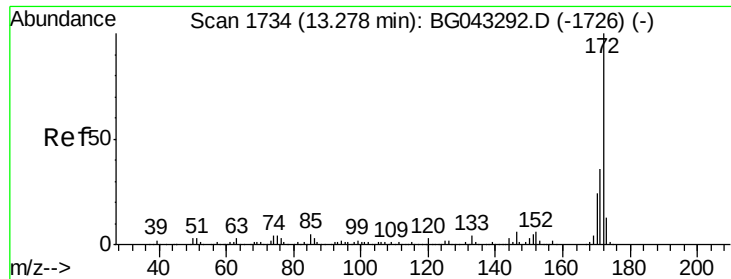


#44
 2,4,5-Trichlorophenol
 Concen: 41.439 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG043387.D
 Acq: 30 Oct 2019 00:45

Tgt Ion:196 Resp: 94619
 Ion Ratio Lower Upper
 196 100
 198 101.1 76.6 114.8
 97 46.3 34.1 51.1
 132 23.2 18.2 27.4

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

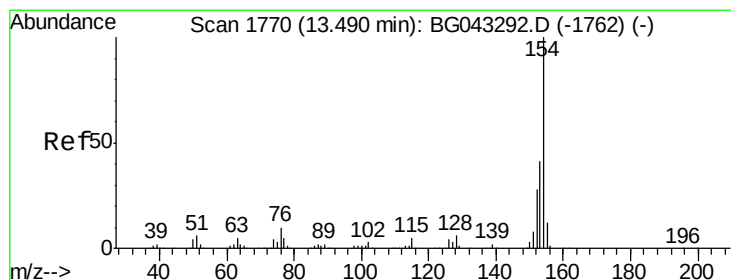
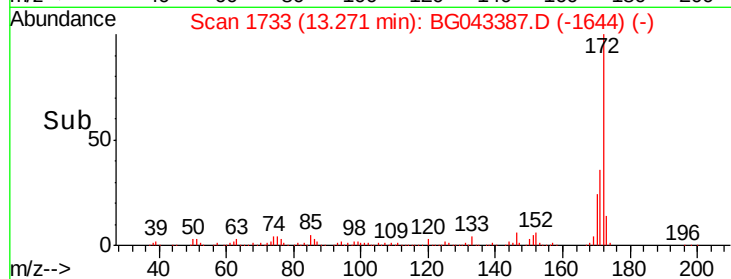
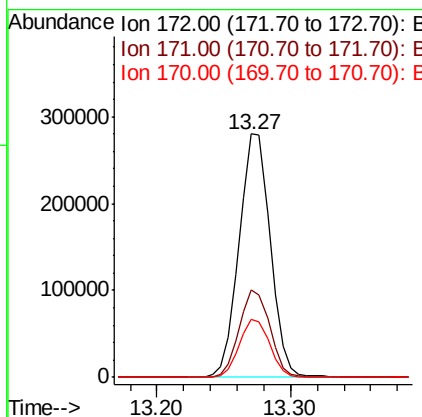
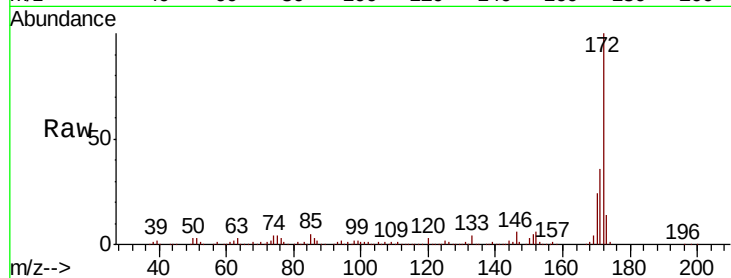




#45
 2-Fluorobiphenyl
 Concen: 60.505 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG043387.D
 Acq: 30 Oct 2019 00:45

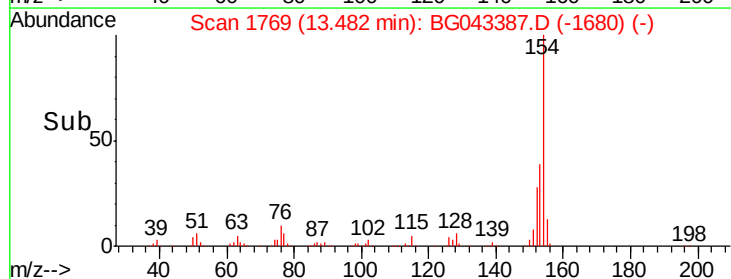
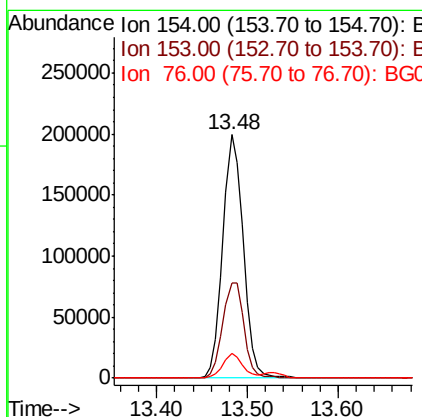
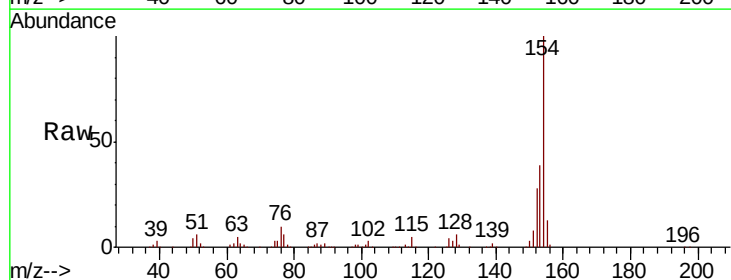
Instrument :
 BNA_G
 ClientSampleId :
 PB124392BS

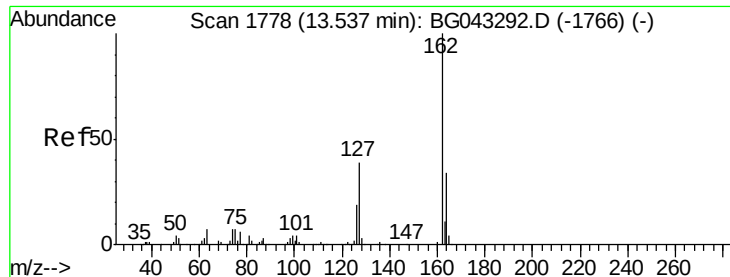
Tot Ion:172 Resp: 453754
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.5 42.7
 170 23.6 18.8 28.2



#46
 1,1'-Biphenyl
 Concen: 39.795 ng
 RT: 13.48 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BG043387.D
 Acq: 30 Oct 2019 00:45

Tgt Ion:154 Resp: 313720
 Ion Ratio Lower Upper
 154 100
 153 39.2 21.0 61.0
 76 10.2 0.0 29.8





#47

2-Chloronaphthalene

Concen: 40.169 ng

RT: 13.53 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

Instrument :

BNA_G

ClientSampleId :

PB124392BS

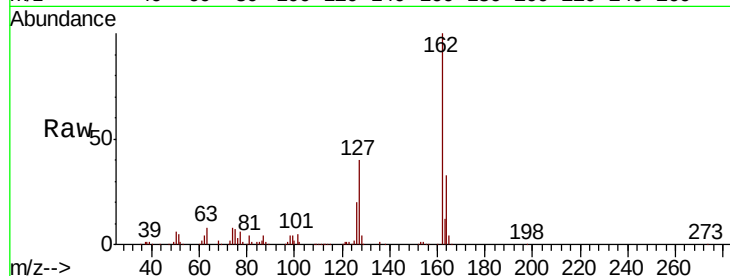
Tot Ion:162 Resp: 240942

Ion Ratio Lower Upper

162 100

127 40.5 31.3 46.9

164 32.9 26.8 40.2

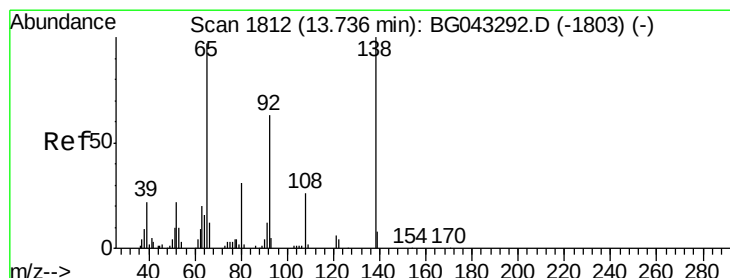
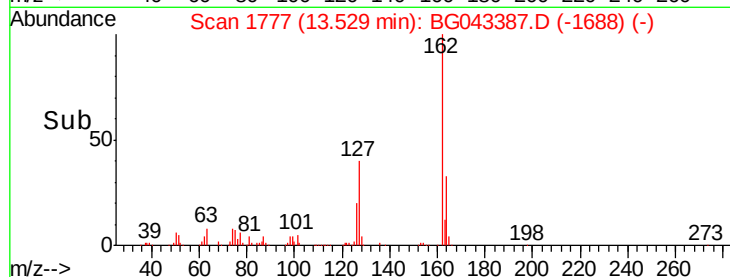
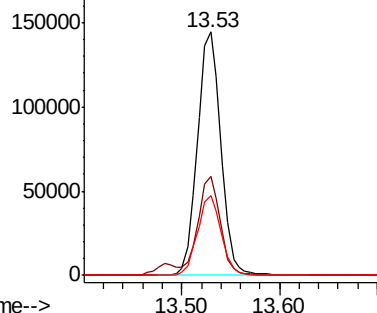


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 39.301 ng

RT: 13.73 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

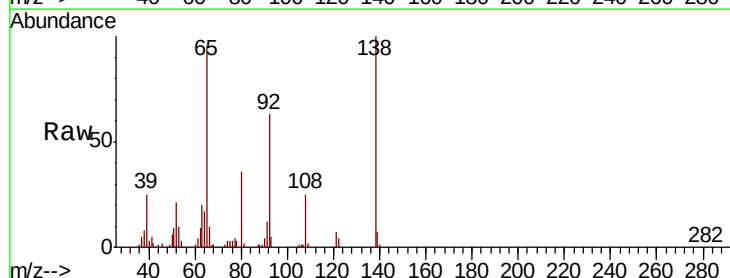
Tgt Ion: 65 Resp: 70456

Ion Ratio Lower Upper

65 100

92 66.8 52.6 79.0

138 105.6 82.9 124.3

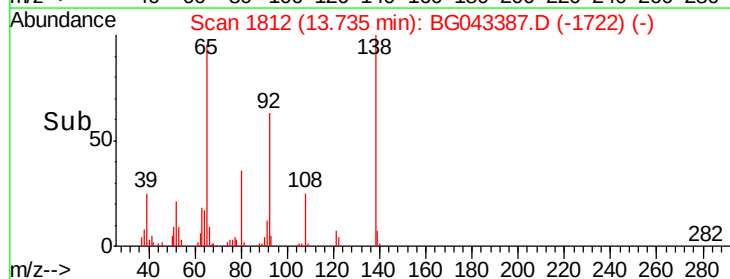
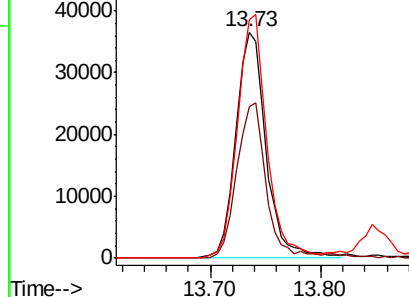


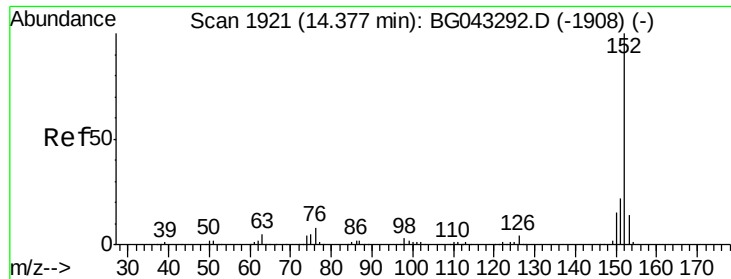
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.553 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

Instrument :

BNA_G

ClientSampleId :

PB124392BS

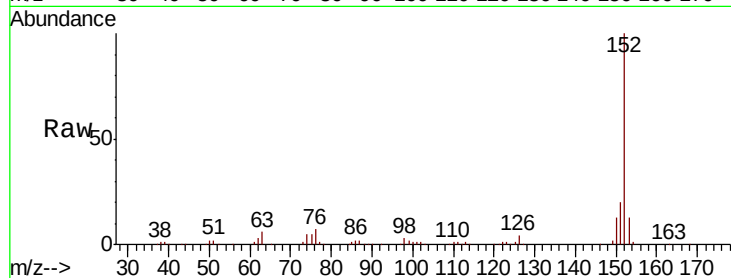
Tot Ion:152 Resp: 387915

Ion Ratio Lower Upper

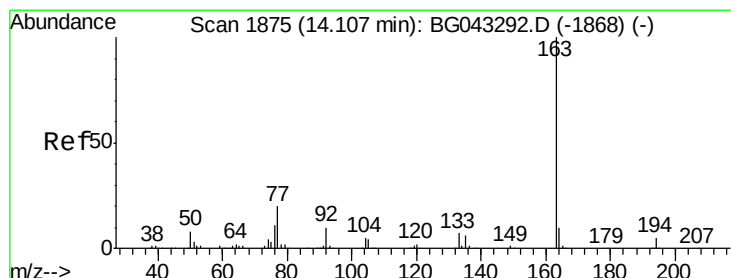
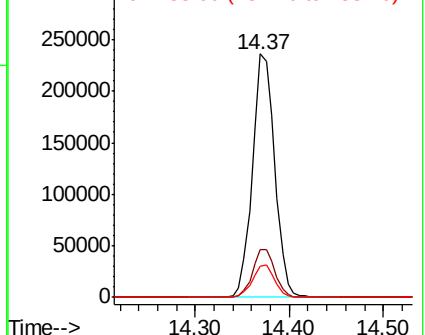
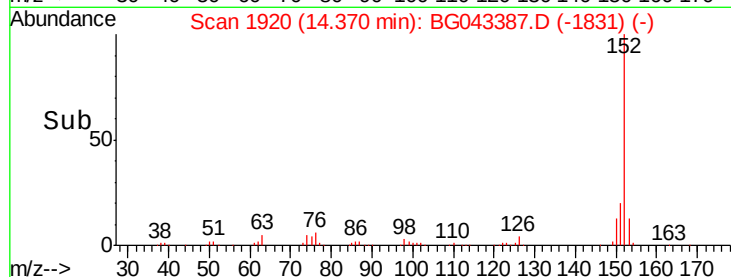
152 100

151 19.8 17.2 25.8

153 12.6 11.0 16.6



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: 38.208 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

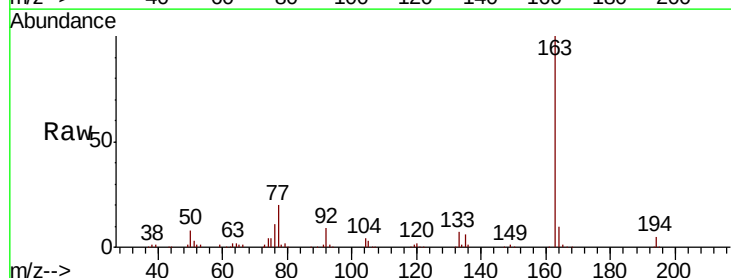
Tgt Ion:163 Resp: 306679

Ion Ratio Lower Upper

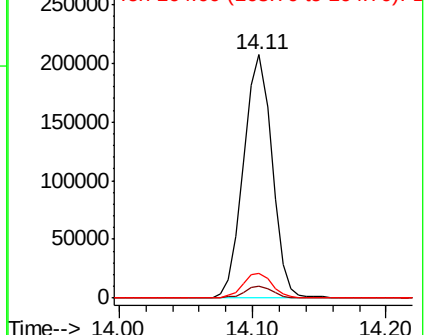
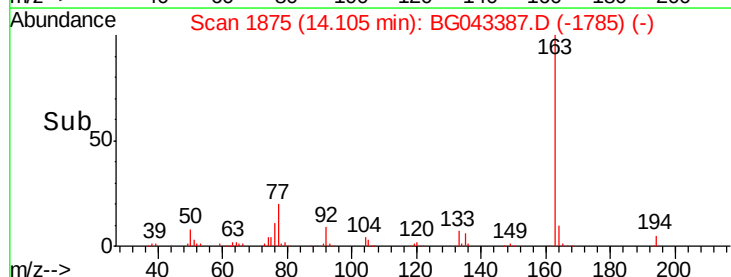
163 100

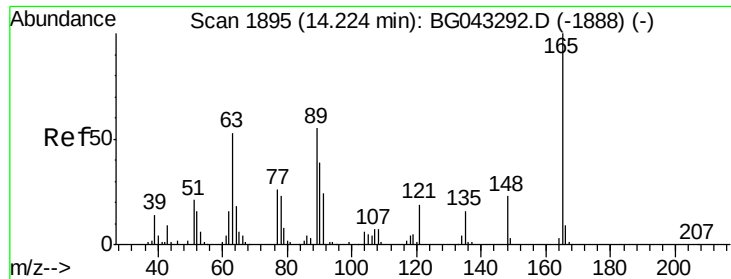
194 5.2 3.7 5.5

164 10.0 8.1 12.1



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: 39.696 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

Instrument :

BNA_G

ClientSampleId :

PB124392BS

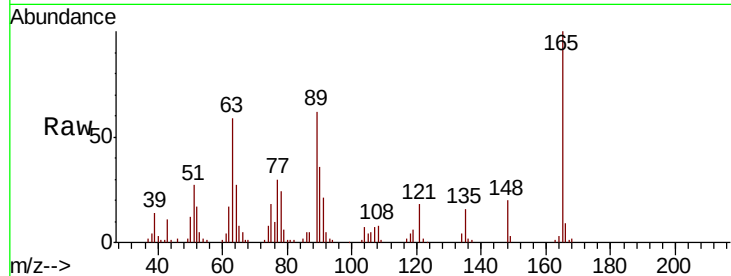
Tot Ion:165 Resp: 69221

Ion Ratio Lower Upper

165 100

63 58.6 47.1 70.7

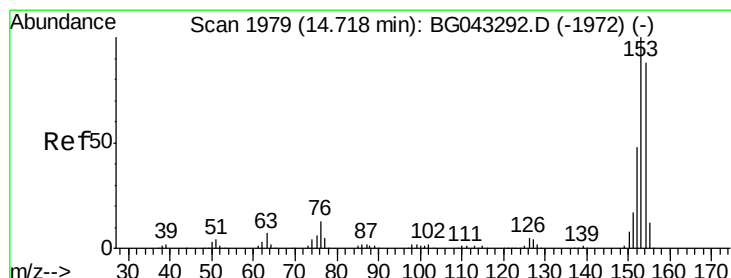
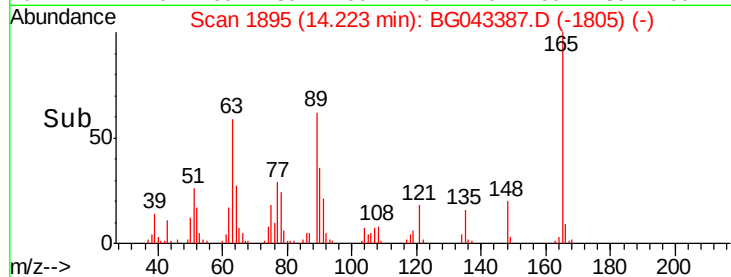
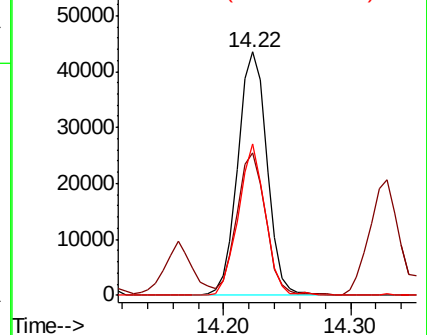
89 62.4 43.7 65.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 40.184 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

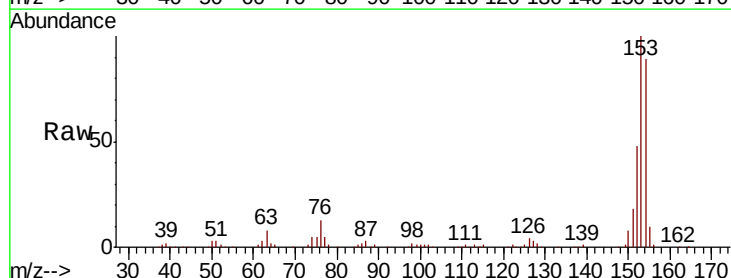
Tgt Ion:154 Resp: 228766

Ion Ratio Lower Upper

154 100

153 112.9 90.9 136.3

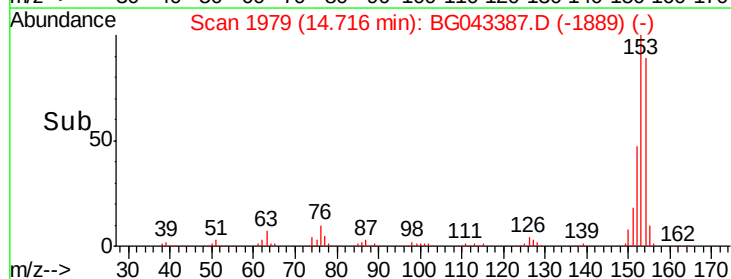
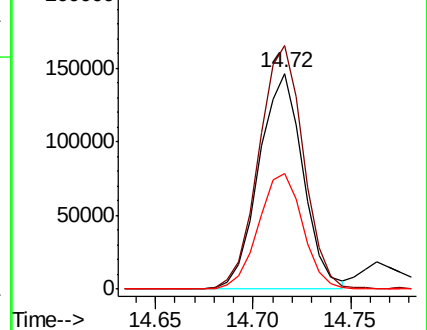
152 53.8 43.9 65.9

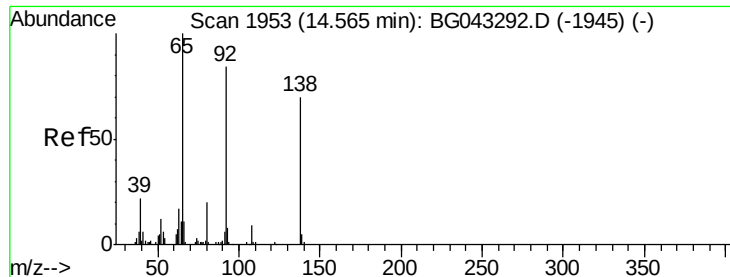


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 29.088 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

Instrument :

BNA_G

ClientSampleId :

PB124392BS

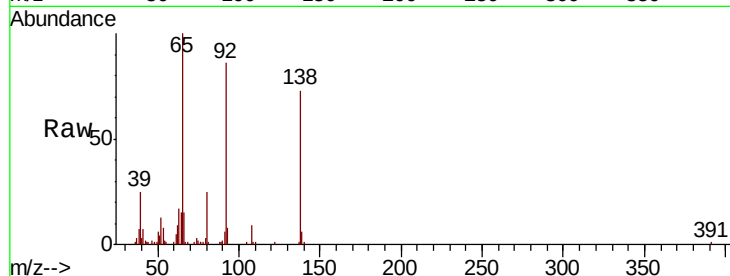
Tot Ion:138 Resp: 48972

Ion Ratio Lower Upper

138 100

108 13.1 9.8 14.6

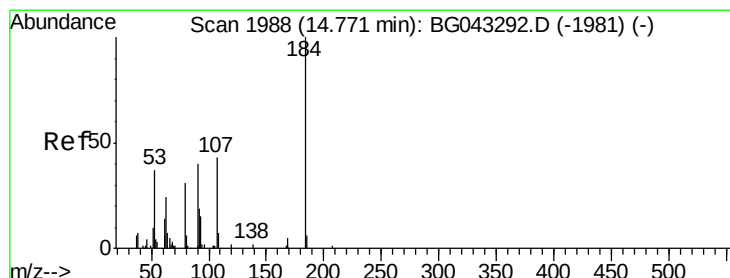
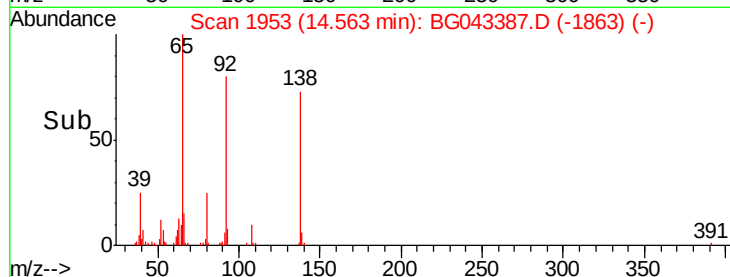
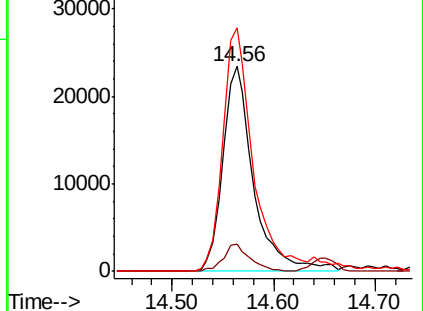
92 118.9 95.8 143.6



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: 45.970 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

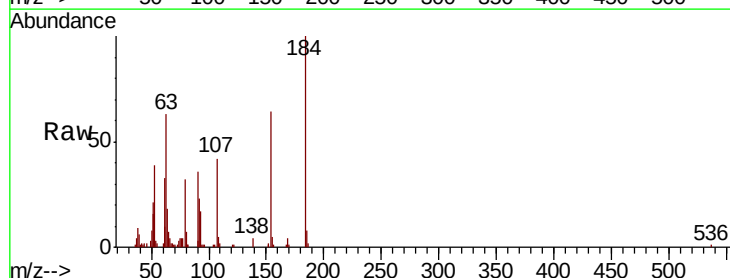
Tgt Ion:184 Resp: 46346

Ion Ratio Lower Upper

184 100

63 62.8 48.8 73.2

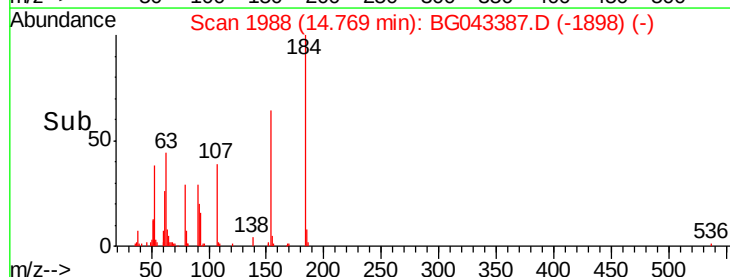
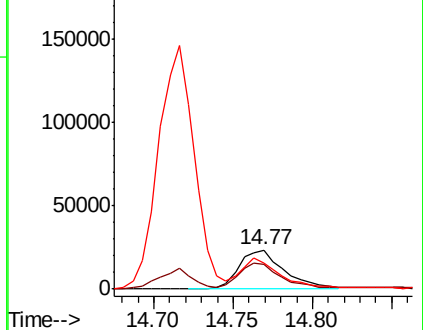
154 64.5 49.4 74.0

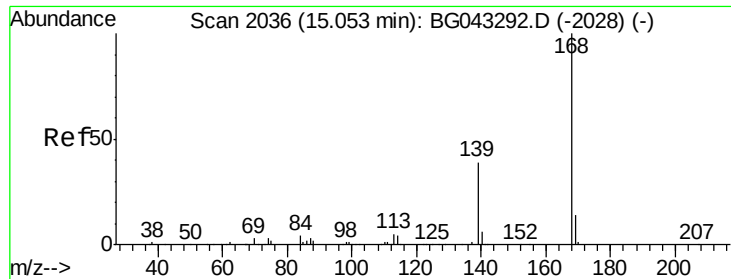


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

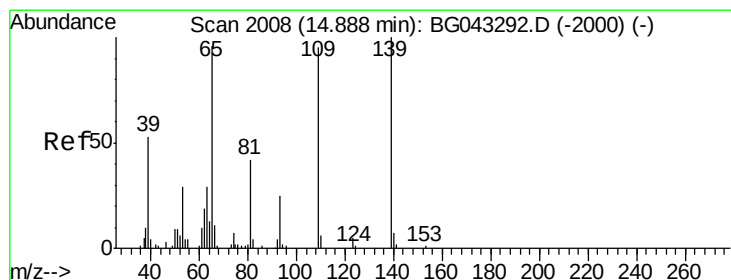
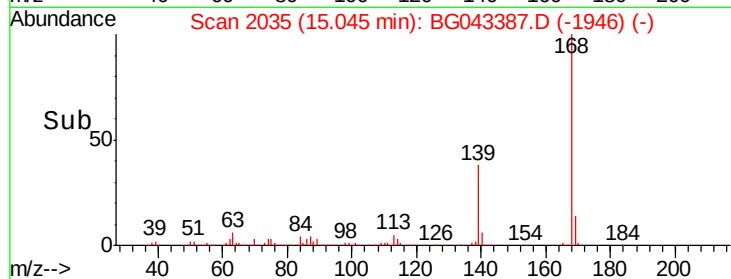
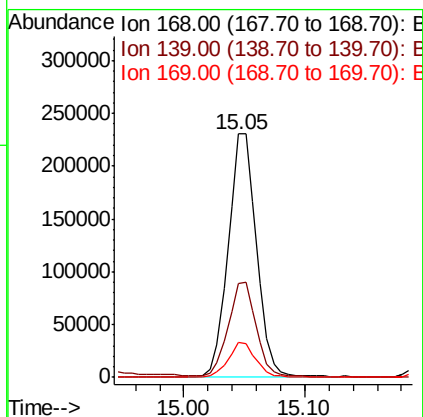
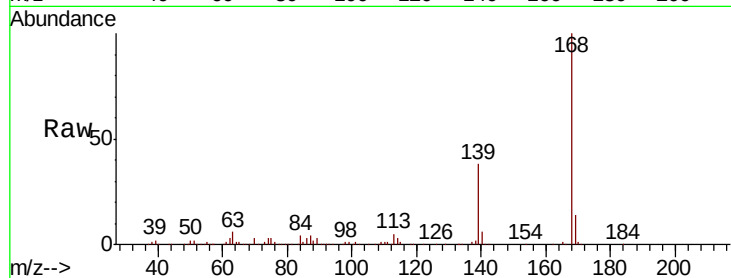




#55
Dibenzofuran
Concen: 40.705 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG043387.D
Acq: 30 Oct 2019 00:45

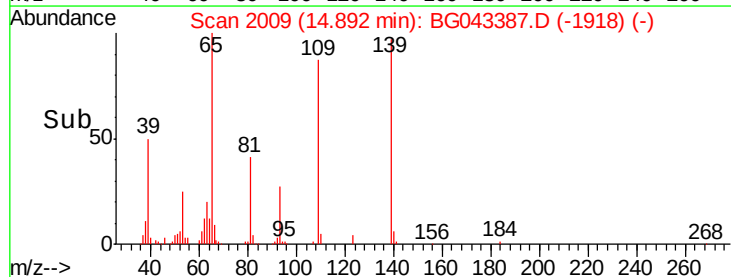
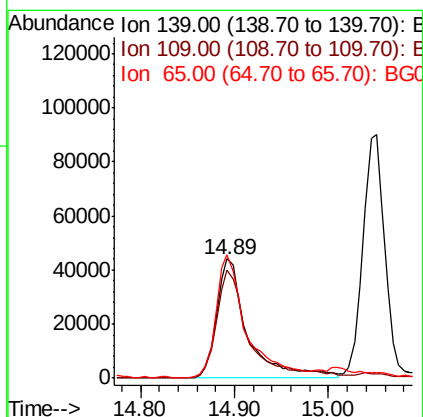
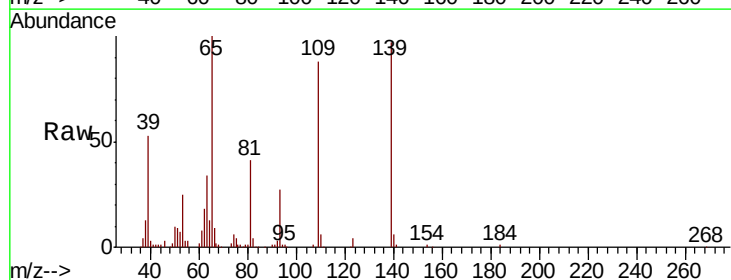
Instrument :
BNA_G
ClientSampleId :
PB124392BS

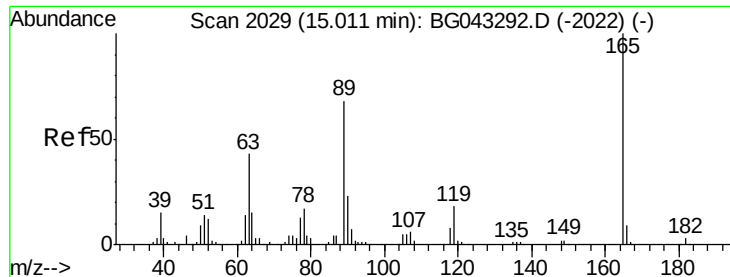
Tot Ion:168 Resp: 375795
Ion Ratio Lower Upper
168 100
139 38.4 31.7 47.5
169 14.2 11.0 16.4



#56
4-Nitrophenol
Concen: 90.722 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BG043387.D
Acq: 30 Oct 2019 00:45

Tgt Ion:139 Resp: 102354
Ion Ratio Lower Upper
139 100
109 90.5 75.4 115.4
65 103.3 76.6 116.6

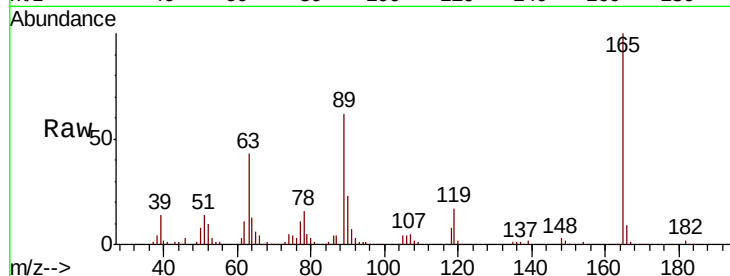




#57
2,4-Dinitrotoluene
Concen: 40.367 ng
RT: 15.01 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG043387.D
Acq: 30 Oct 2019 00:45

Instrument :
BNA_G
ClientSampleId :
PB124392BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.0	35.0	52.6
89	61.8	54.1	81.1
182	2.3	2.2	3.2



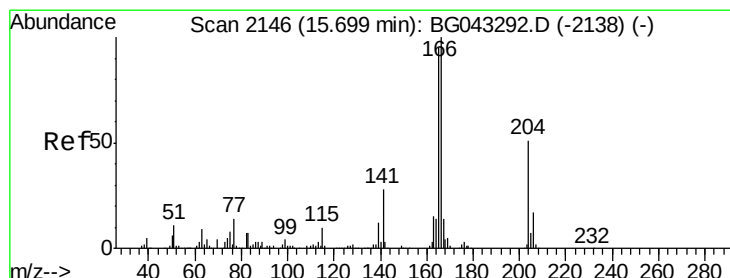
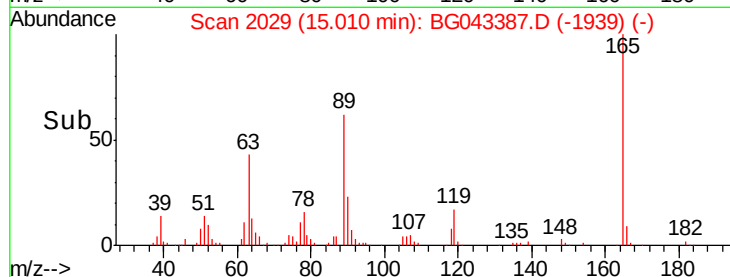
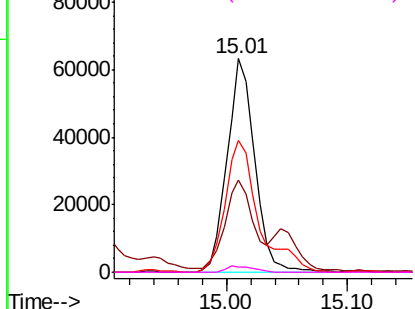
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

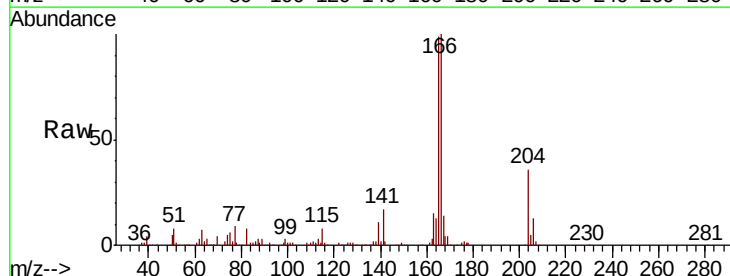
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.107 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG043387.D
Acq: 30 Oct 2019 00:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	76.4	114.6
167	14.2	11.1	16.7

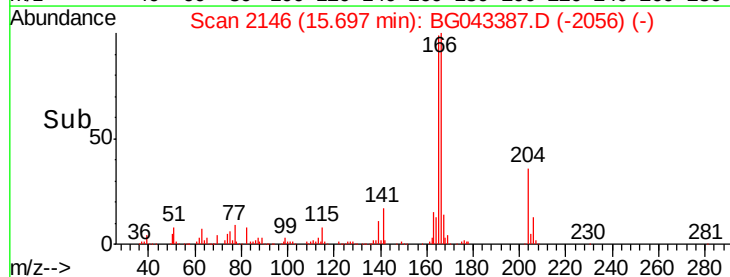
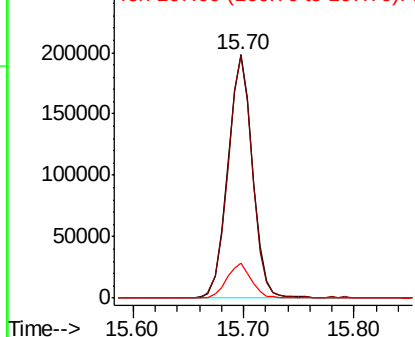


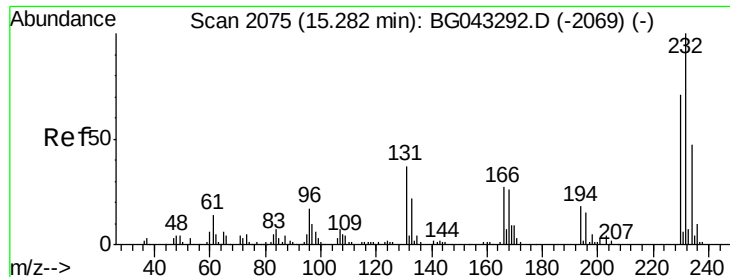
Abundance

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

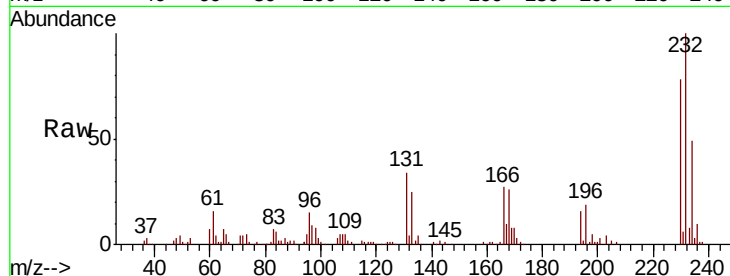




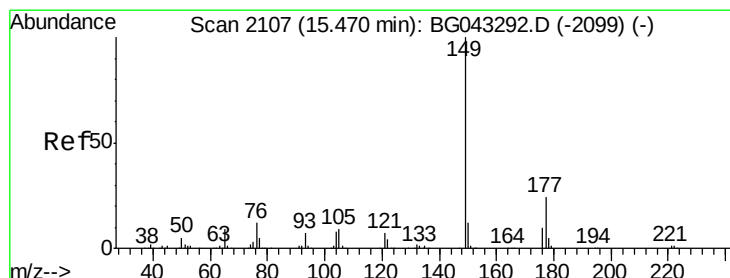
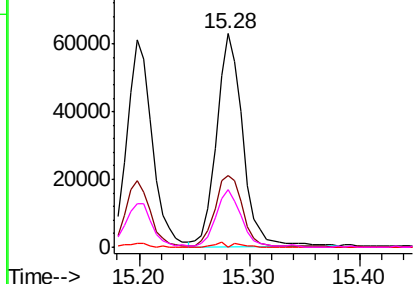
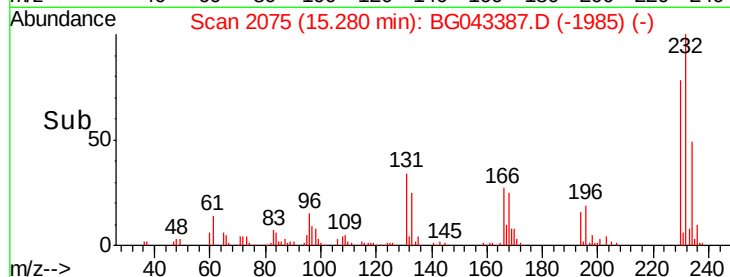
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.397 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG043387.D
 Acq: 30 Oct 2019 00:45

Instrument :
 BNA_G
 ClientSampleId :
 PB124392BS

Tot Ion:	232	Resp:	102851
Ion	Ratio	Lower	Upper
232	100		
131	35.3	28.7	43.1
130	0.8	0.6	0.8
166	25.1	21.1	31.7

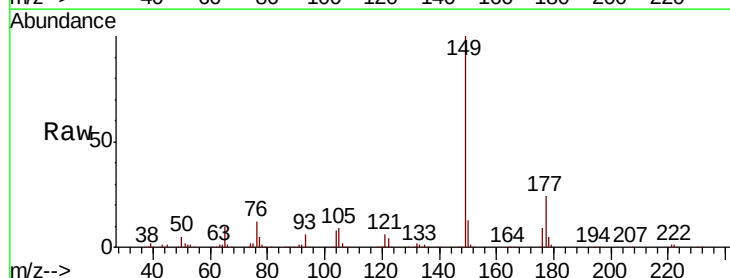


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

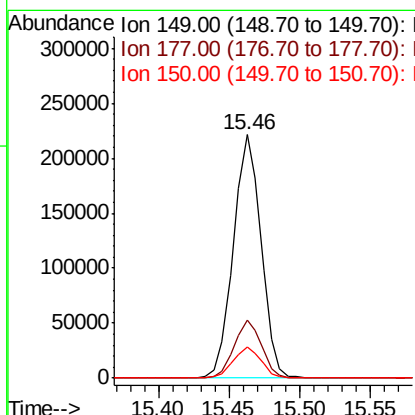
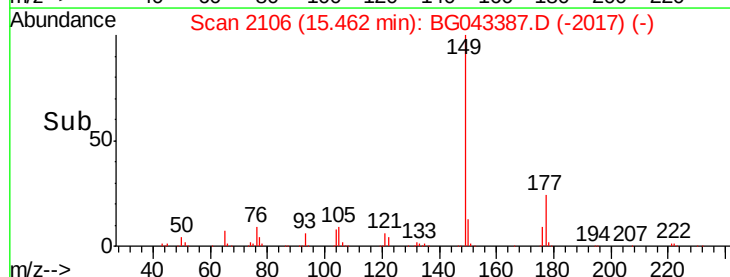


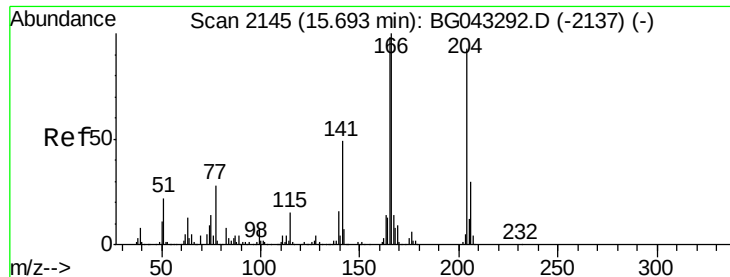
#60
 Diethylphthalate
 Concen: 37.635 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BG043387.D
 Acq: 30 Oct 2019 00:45

Tgt Ion:	149	Resp:	303524
Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.0	28.4
150	12.8	9.4	14.0



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

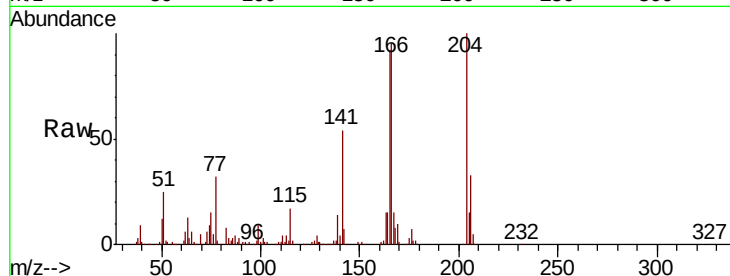




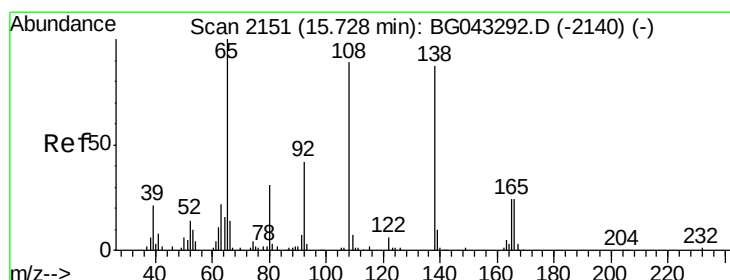
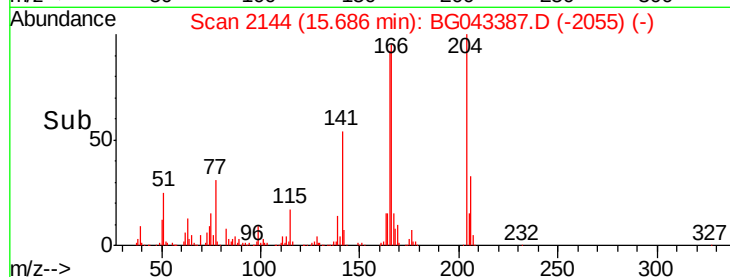
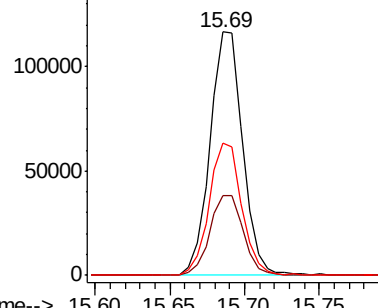
#61
4-Chlorophenyl-phenylether
Concen: 39.118 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG043387.D
Acq: 30 Oct 2019 00:45

Instrument :
BNA_G
ClientSampleId :
PB124392BS

Tot Ion:204 Resp: 176704
Ion Ratio Lower Upper
204 100
206 32.5 25.7 38.5
141 54.4 42.3 63.5

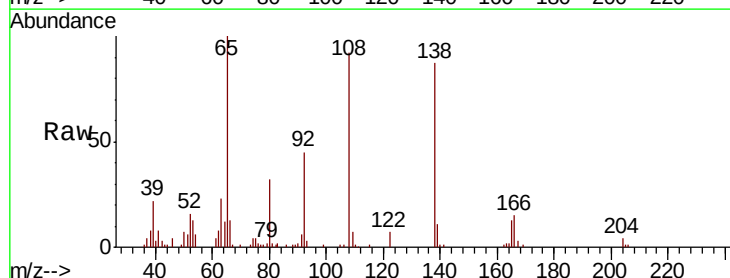


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

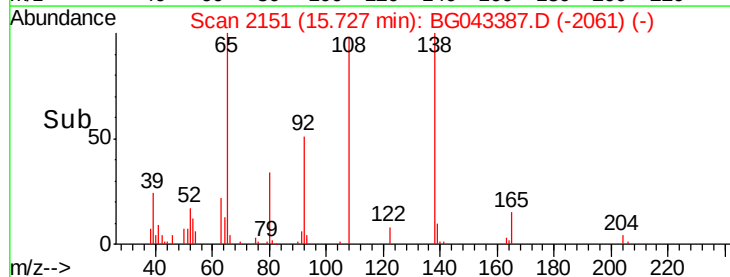
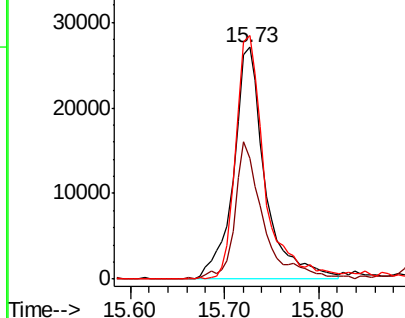


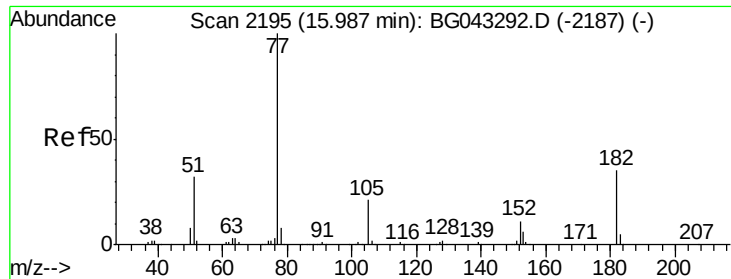
#62
4-Nitroaniline
Concen: 36.385 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG043387.D
Acq: 30 Oct 2019 00:45

Tgt Ion:138 Resp: 63263
Ion Ratio Lower Upper
138 100
92 51.9 28.8 68.8
108 105.0 82.7 122.7



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: 39.941 ng

RT: 15.98 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

Instrument :

BNA_G

ClientSampleId :

PB124392BS

Tot Ion: 77 Resp: 260705

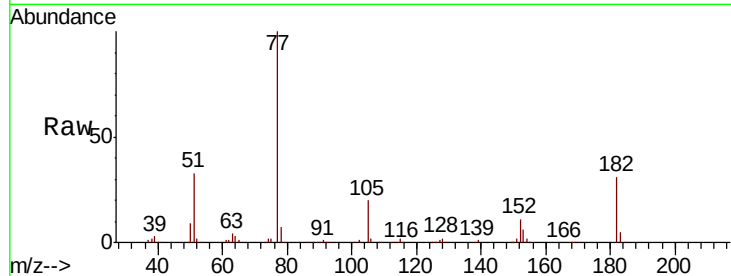
Ion Ratio Lower Upper

77 100

182 31.2 14.9 54.9

105 20.0 0.6 40.6

51 33.2 12.5 52.5

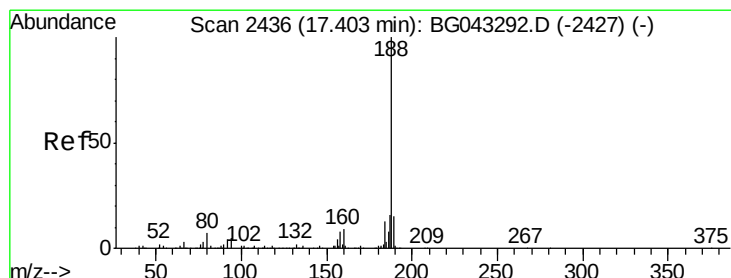
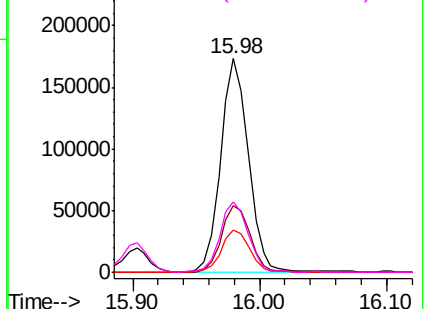
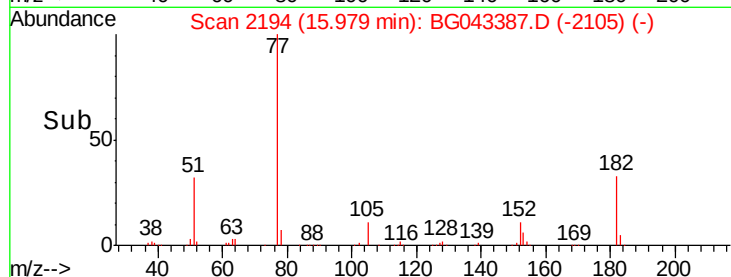


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2435

Delta R.T. -0.01 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

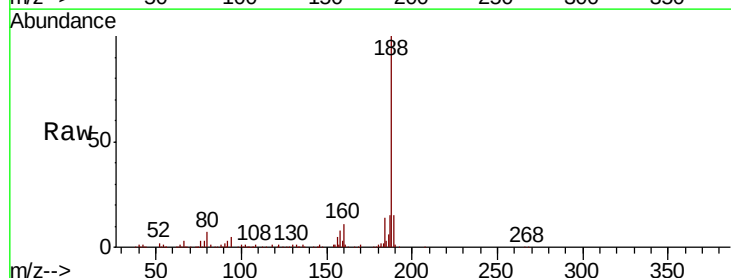
Tgt Ion: 188 Resp: 245221

Ion Ratio Lower Upper

188 100

94 5.1 4.2 6.2

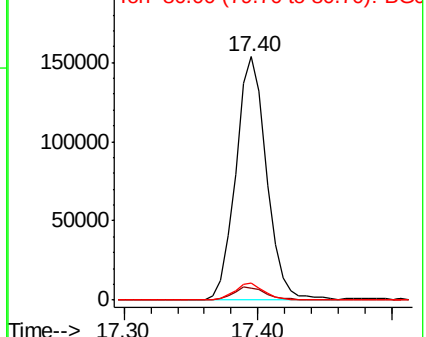
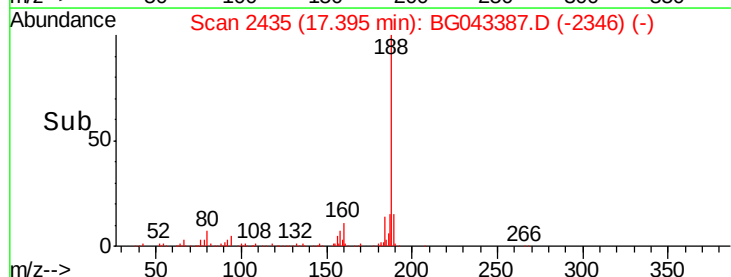
80 7.1 5.2 7.8

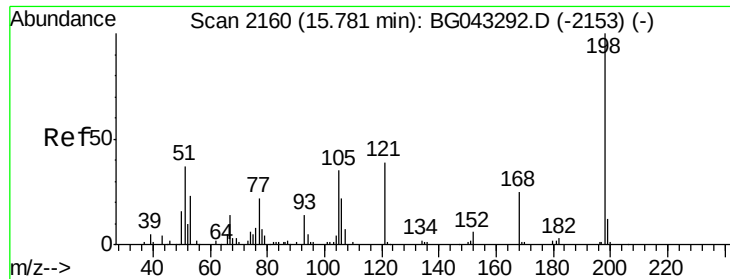


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

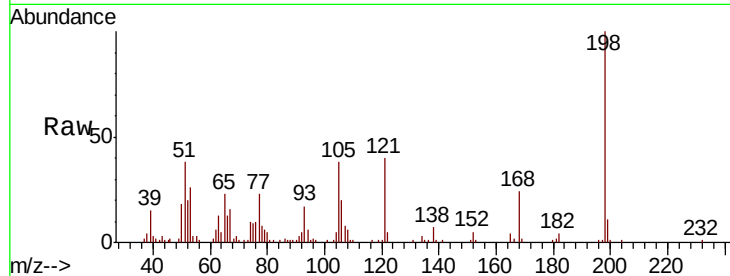




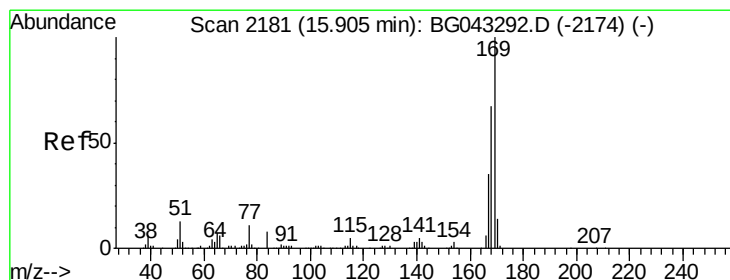
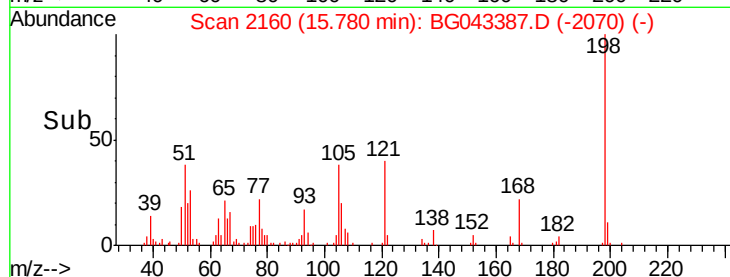
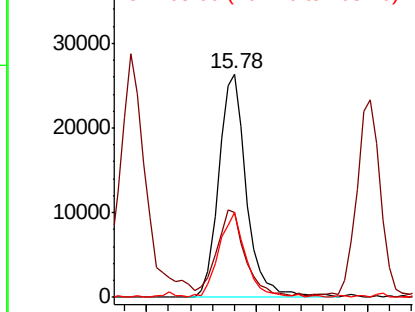
#65
4,6-Dinitro-2-methylphenol
Concen: 31.729 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG043387.D
Acq: 30 Oct 2019 00:45

Instrument :
BNA_G
ClientSampleId :
PB124392BS

Tot Ion:198 Resp: 45789
Ion Ratio Lower Upper
198 100
51 37.8 21.4 61.4
105 38.1 16.5 56.5

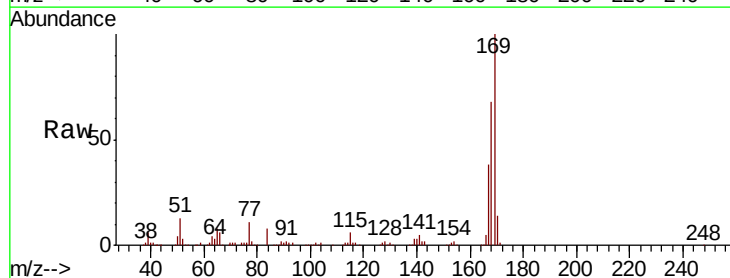


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

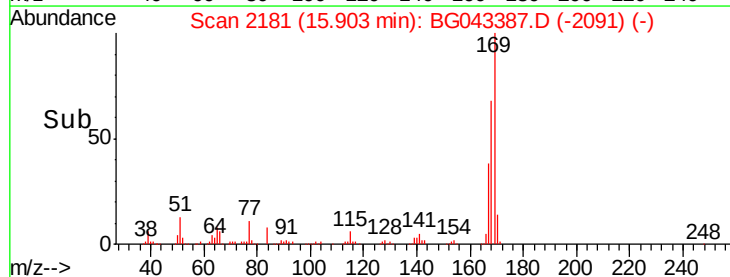
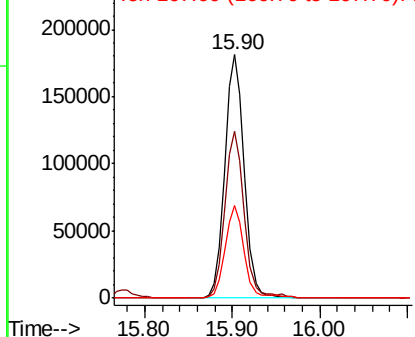


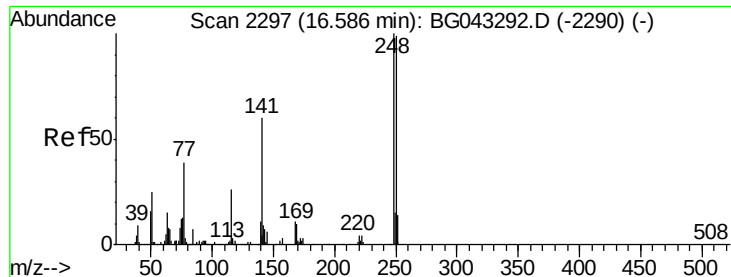
#66
n-Nitrosodiphenylamine
Concen: 39.928 ng
RT: 15.90 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BG043387.D
Acq: 30 Oct 2019 00:45

Tgt Ion:169 Resp: 276428
Ion Ratio Lower Upper
169 100
168 68.4 53.9 80.9
167 38.1 28.3 42.5



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

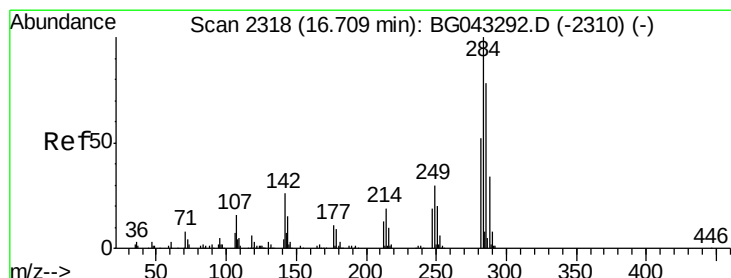
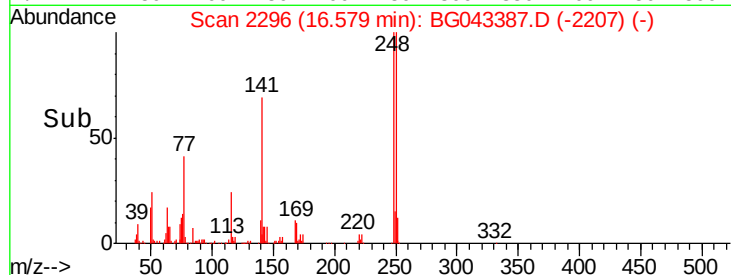
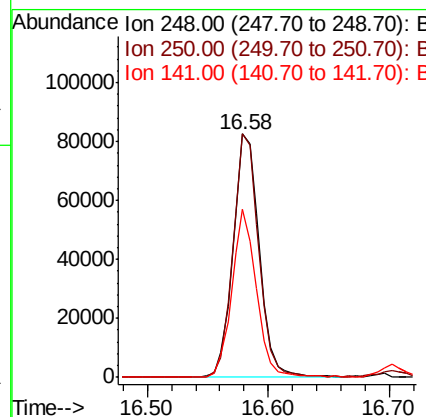
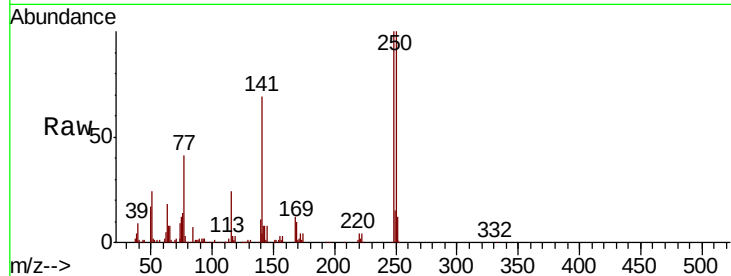




#67
4-Bromophenyl-phenylether
Concen: 37.758 ng
RT: 16.58 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BG043387.D
Acq: 30 Oct 2019 00:45

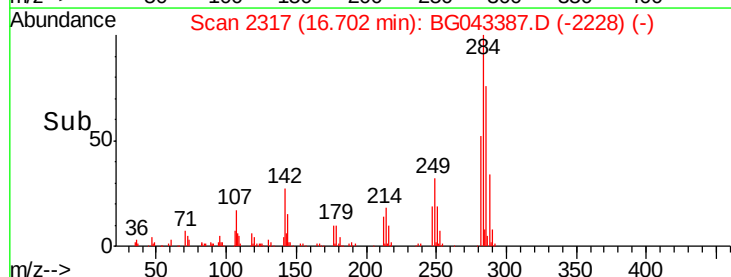
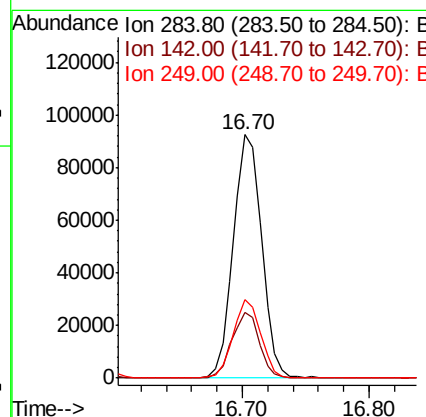
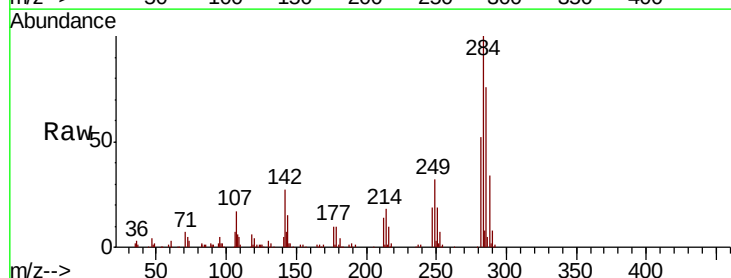
Instrument :
BNA_G
ClientSampled :
PB124392BS

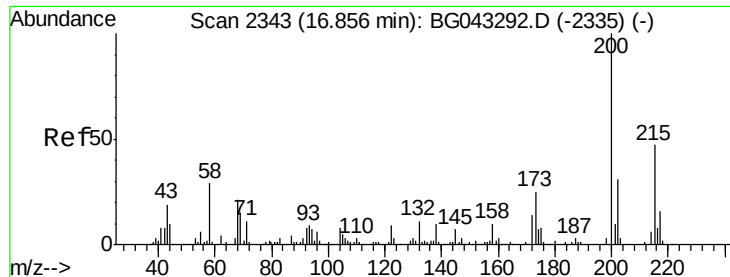
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.9	79.3	118.9
141	69.3	47.9	71.9



#68
Hexachlorobenzene
Concen: 37.609 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BG043387.D
Acq: 30 Oct 2019 00:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.9	21.1	31.7
249	32.0	24.4	36.6





#69

Atrazine

Concen: 49.702 ng

RT: 16.85 min Scan# 2342

Delta R.T. -0.01 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

Instrument :

BNA_G

ClientSampleId :

PB124392BS

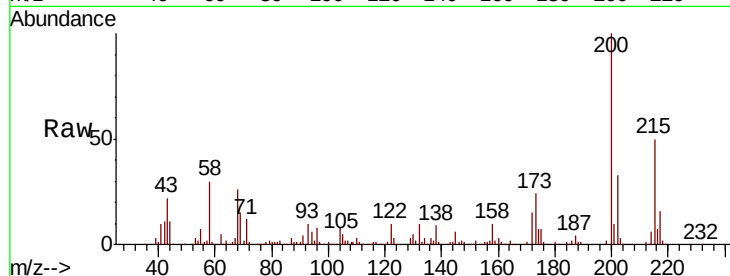
Tot Ion:200 Resp: 119567

Ion Ratio Lower Upper

200 100

173 24.1 5.1 45.1

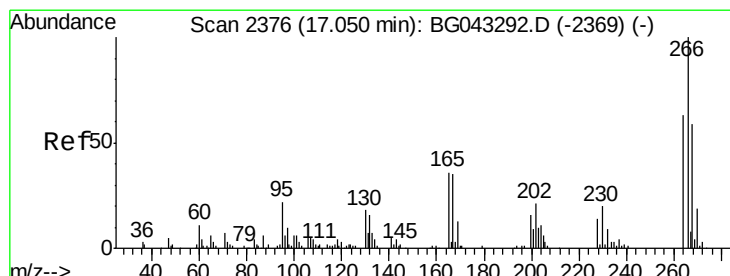
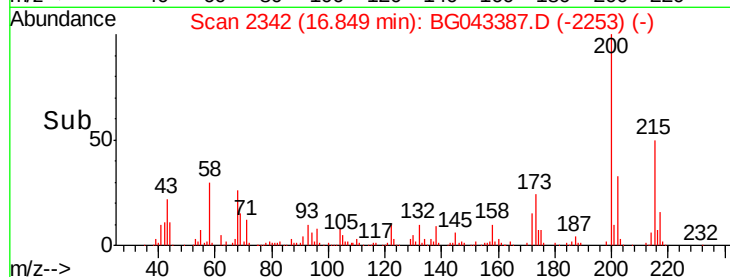
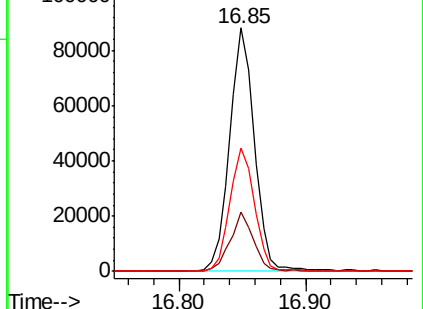
215 50.4 26.6 66.6



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: 88.198 ng

RT: 17.05 min Scan# 2377

Delta R.T. 0.00 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

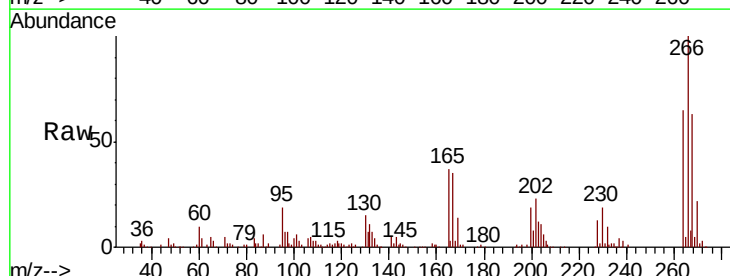
Tgt Ion:266 Resp: 152239

Ion Ratio Lower Upper

266 100

268 63.5 47.1 70.7

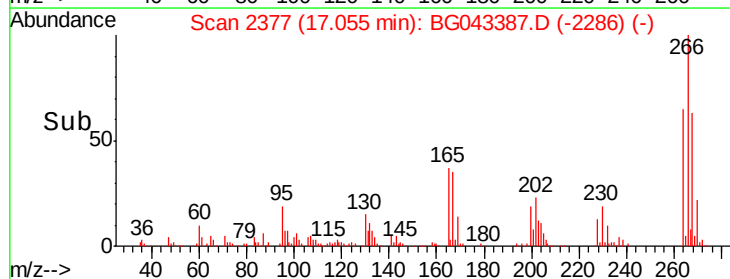
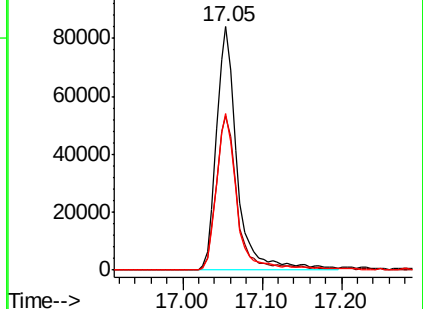
264 64.5 50.4 75.6

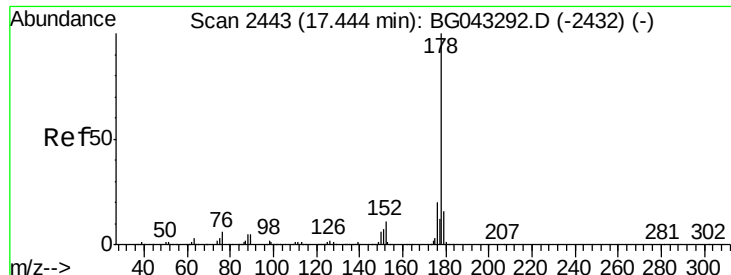


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

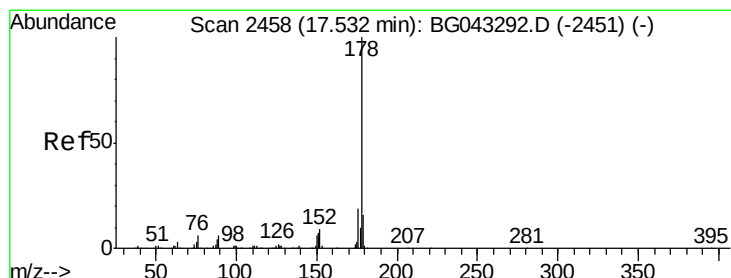
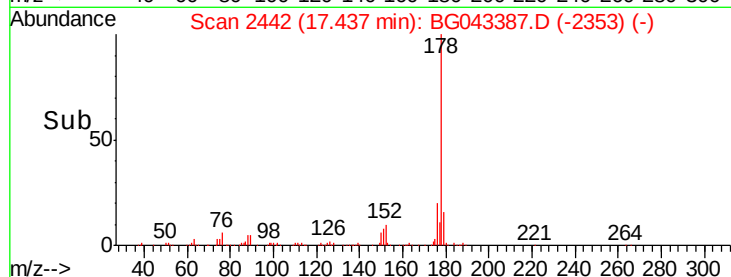
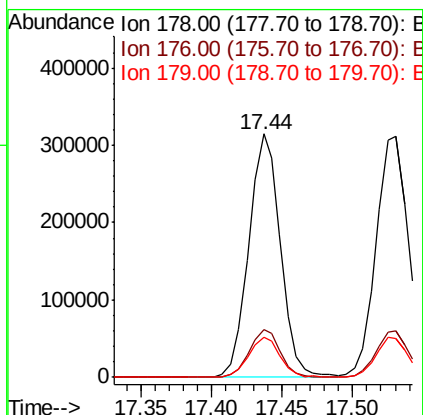
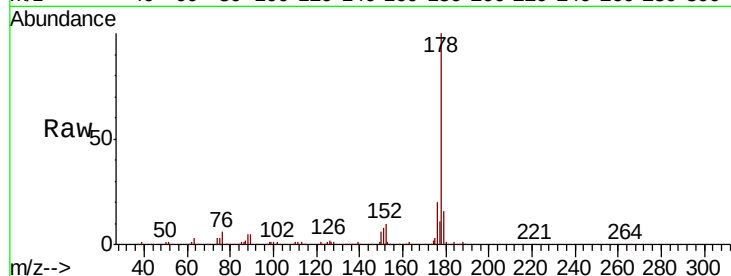




#71
Phenanthrene
Concen: 39.439 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG043387.D
Acq: 30 Oct 2019 00:45

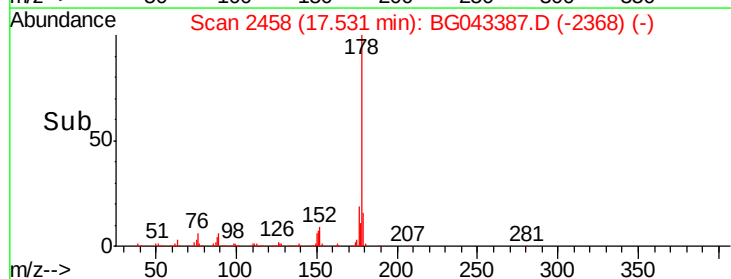
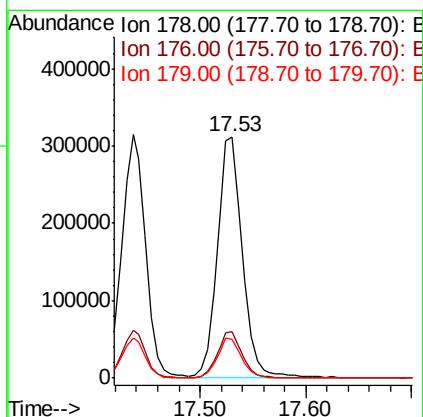
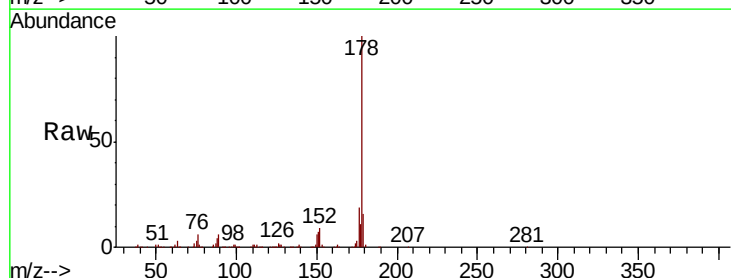
Instrument :
BNA_G
ClientSampleId :
PB124392BS

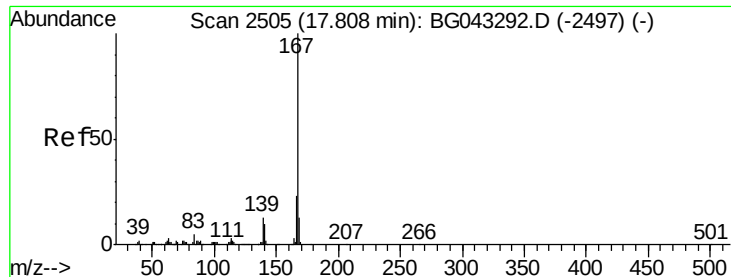
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	16.2	13.1	19.7



#72
Anthracene
Concen: 40.860 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG043387.D
Acq: 30 Oct 2019 00:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	15.9	13.0	19.6





#73

Carbazole

Concen: 40.593 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

Instrument :

BNA_G

ClientSampleId :

PB124392BS

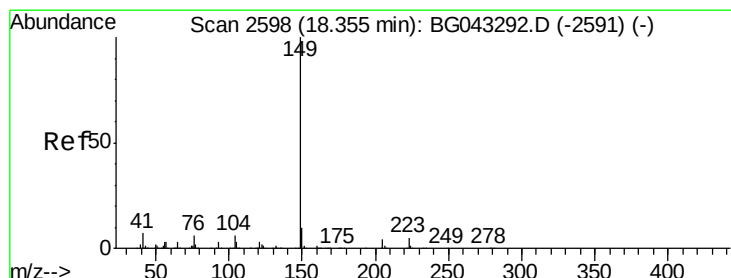
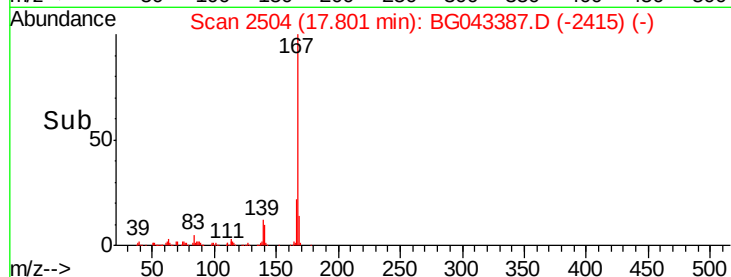
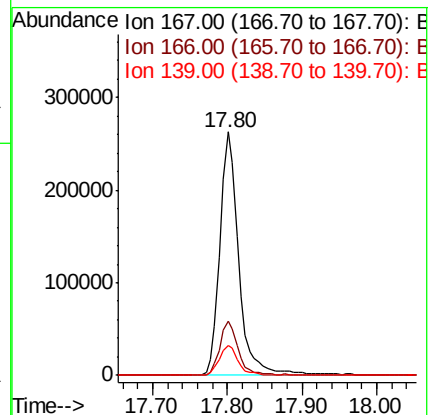
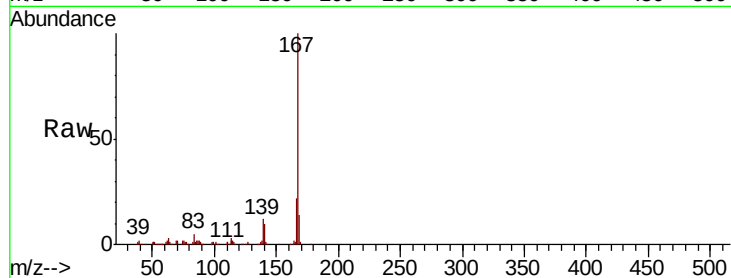
Tot Ion:167 Resp: 461835

Ion Ratio Lower Upper

167 100

166 22.5 18.4 27.6

139 12.5 10.2 15.4



#74

Di-n-butylphthalate

Concen: 39.402 ng

RT: 18.35 min Scan# 2598

Delta R.T. -0.00 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

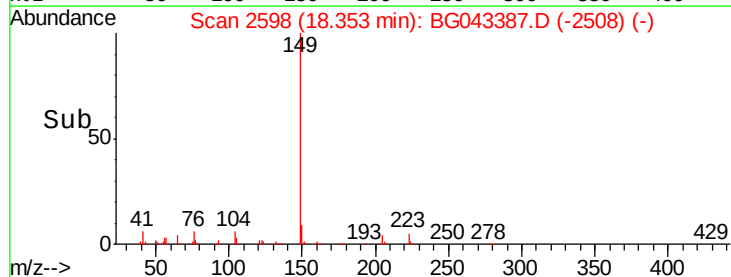
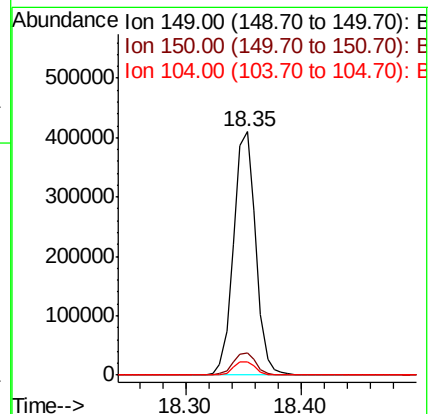
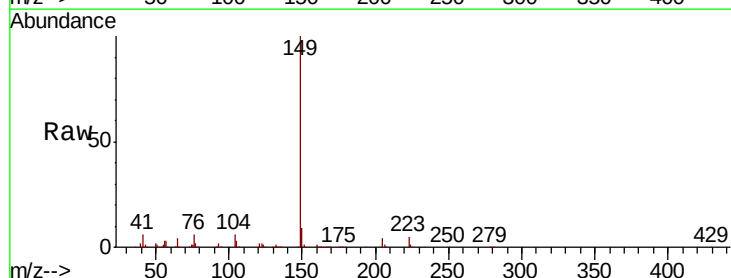
Tgt Ion:149 Resp: 543934

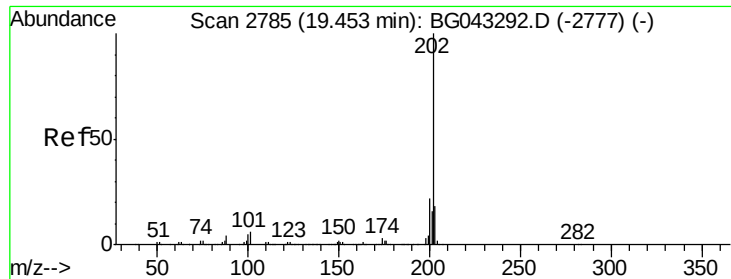
Ion Ratio Lower Upper

149 100

150 8.9 8.0 12.0

104 5.6 4.7 7.1





#75

Fluoranthene

Concen: 40.474 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

Instrument :

BNA_G

ClientSampleId :

PB124392BS

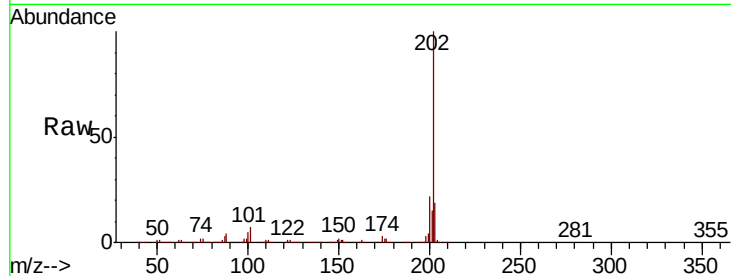
Tot Ion:202 Resp: 662580

Ion Ratio Lower Upper

202 100

101 7.2 0.0 26.0

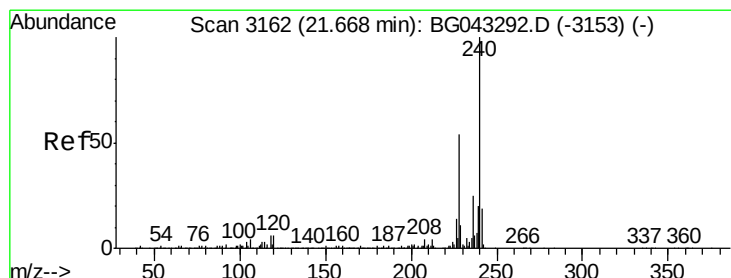
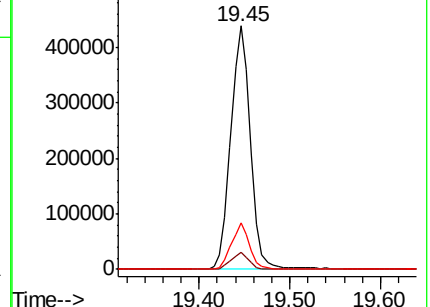
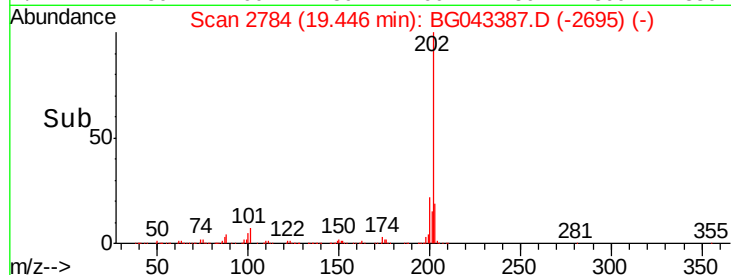
203 19.0 0.0 38.2



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# 3161

Delta R.T. -0.01 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

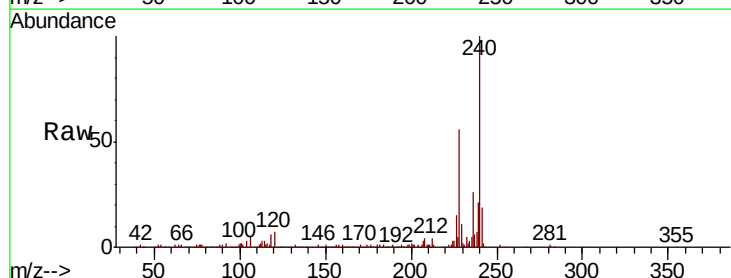
Tgt Ion:240 Resp: 279115

Ion Ratio Lower Upper

240 100

120 6.6 4.6 7.0

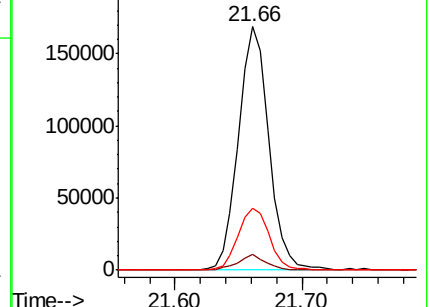
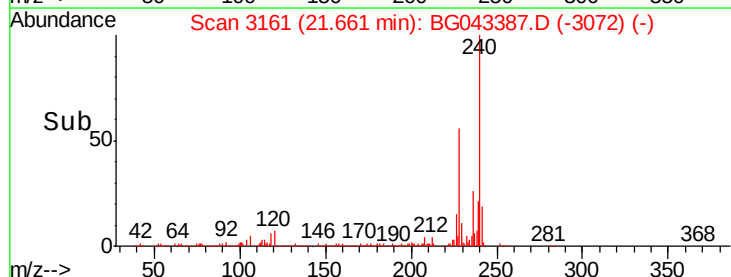
236 25.6 20.2 30.4

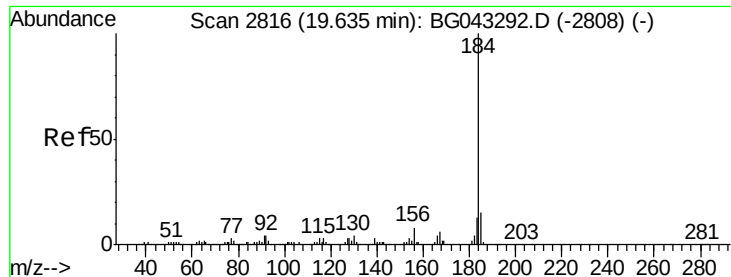


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

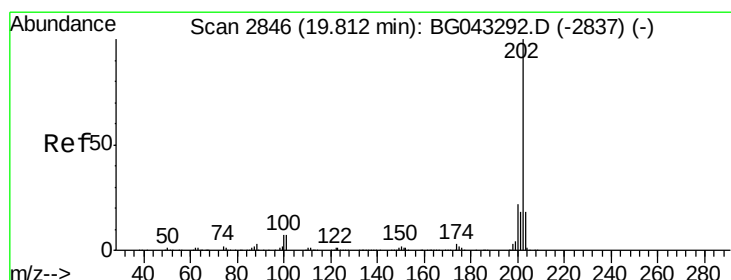
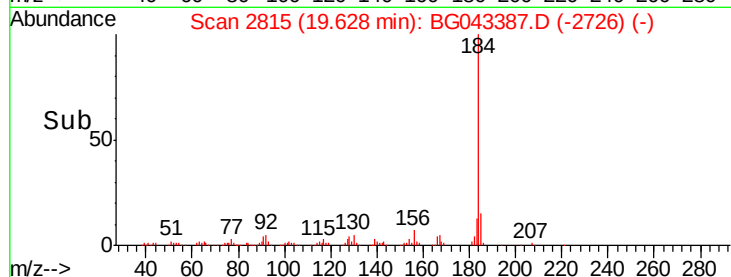
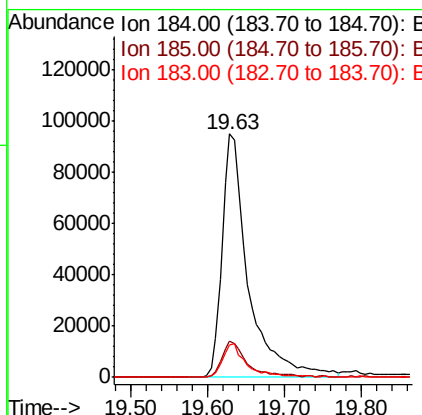
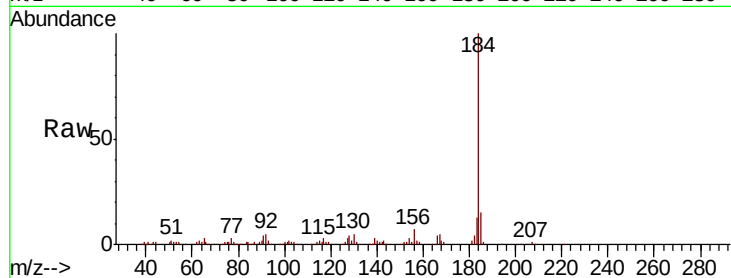




#77
Benzidine
Concen: 40.193 ng
RT: 19.63 min Scan# 2815
Delta R.T. -0.01 min
Lab File: BG043387.D
Acq: 30 Oct 2019 00:45

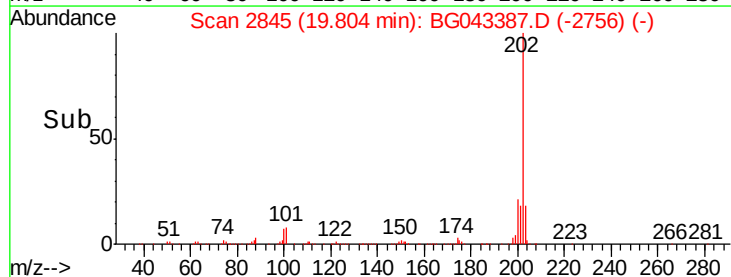
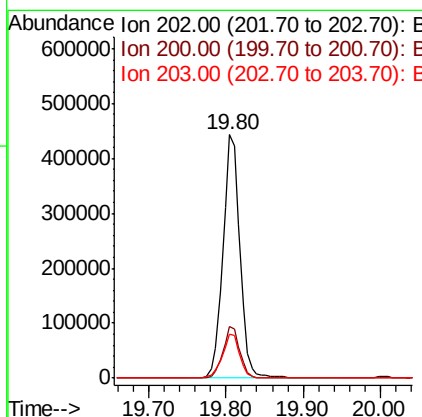
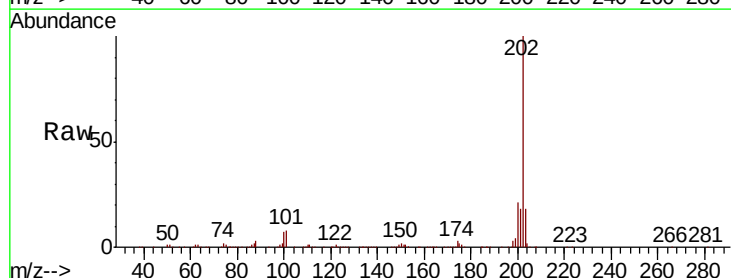
Instrument :
BNA_G
ClientSampleId :
PB124392BS

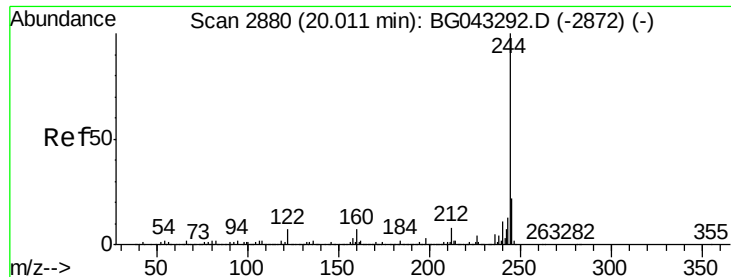
Tot Ion:184 Resp: 225773
Ion Ratio Lower Upper
184 100
185 15.0 11.8 17.6
183 13.5 10.6 16.0



#78
Pyrene
Concen: 39.320 ng
RT: 19.80 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BG043387.D
Acq: 30 Oct 2019 00:45

Tgt Ion:202 Resp: 679335
Ion Ratio Lower Upper
202 100
200 21.1 17.3 25.9
203 18.3 14.5 21.7





#79

Terphenyl-d14

Concen: 59.517 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

Instrument :

BNA_G

ClientSampleId :

PB124392BS

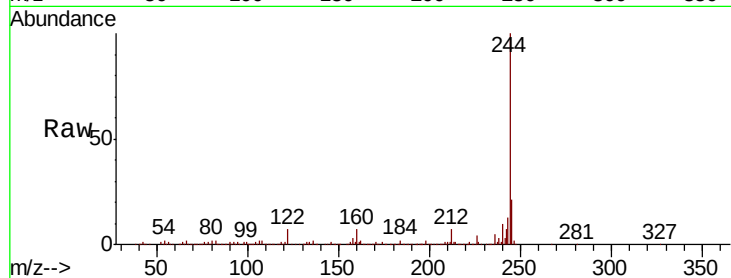
Tot Ion:244 Resp: 885484

Ion Ratio Lower Upper

244 100

212 7.2 6.4 9.6

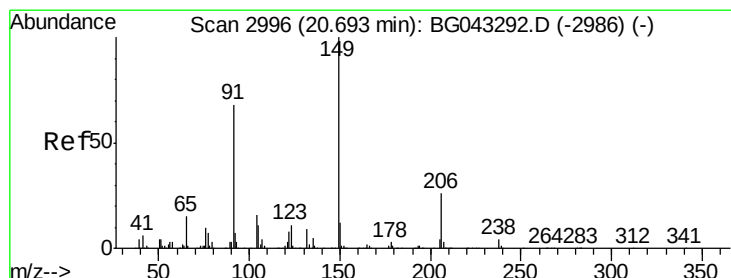
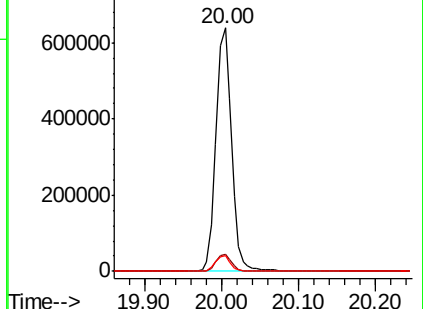
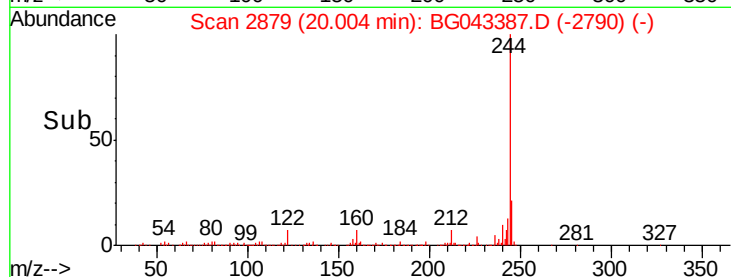
122 6.7 5.3 7.9



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: 38.417 ng

RT: 20.69 min Scan# 2995

Delta R.T. -0.01 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

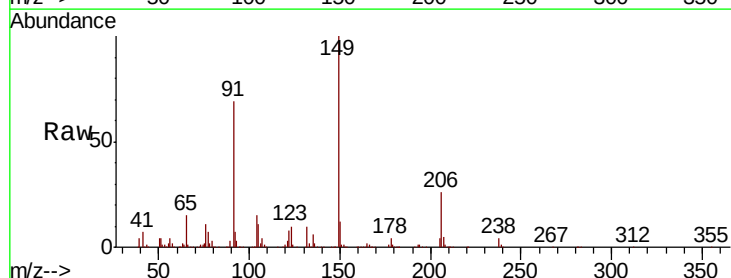
Tgt Ion:149 Resp: 251462

Ion Ratio Lower Upper

149 100

91 68.9 54.6 82.0

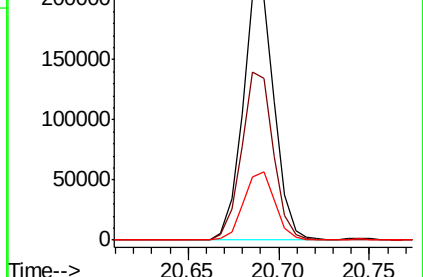
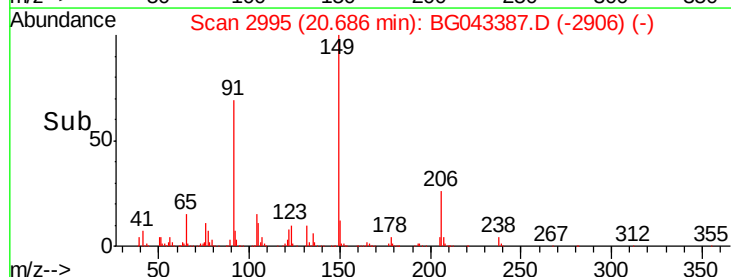
206 25.8 20.5 30.7

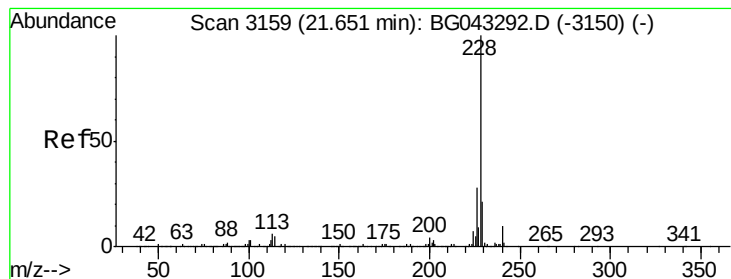


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.234 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

Instrument :

BNA_G

ClientSampleId :

PB124392BS

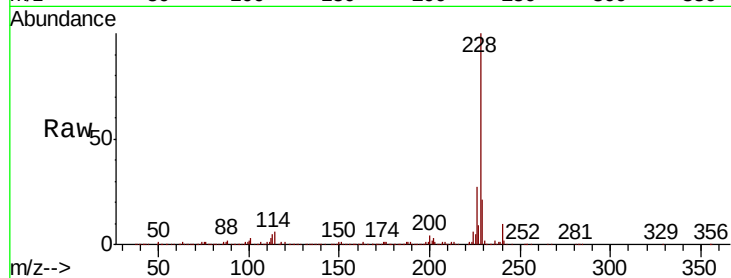
Tot Ion:228 Resp: 703432

Ion Ratio Lower Upper

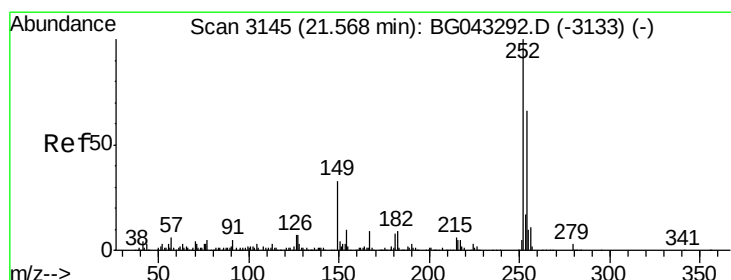
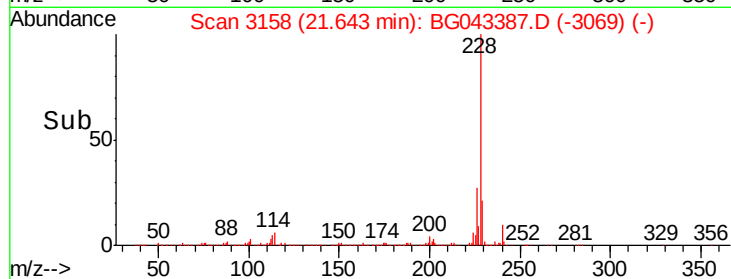
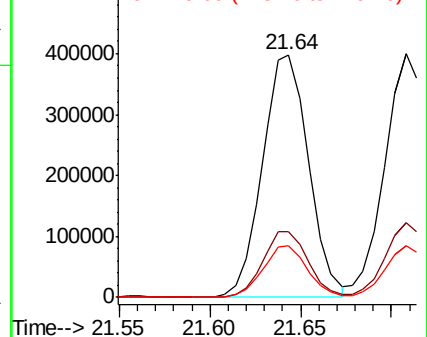
228 100

226 27.2 22.2 33.4

229 21.2 16.9 25.3



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: 34.927 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

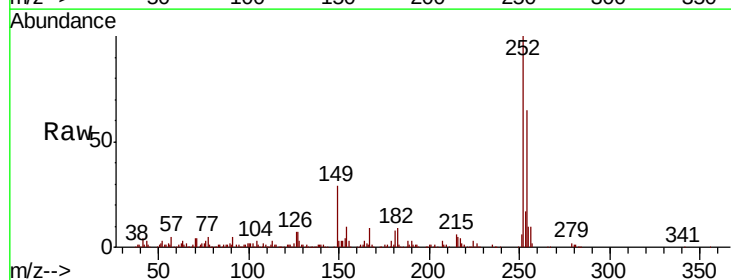
Tgt Ion:252 Resp: 236187

Ion Ratio Lower Upper

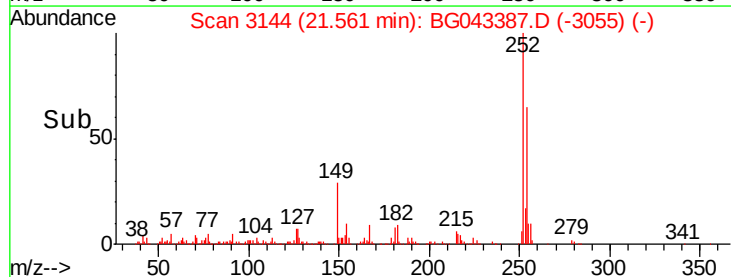
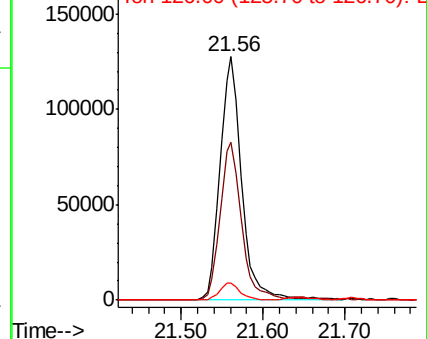
252 100

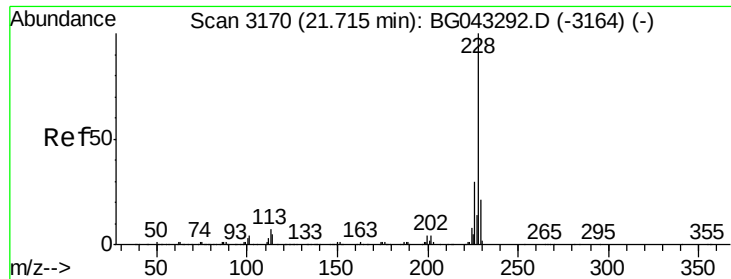
254 64.9 52.7 79.1

126 6.9 5.6 8.4



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: 39.377 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

Instrument :

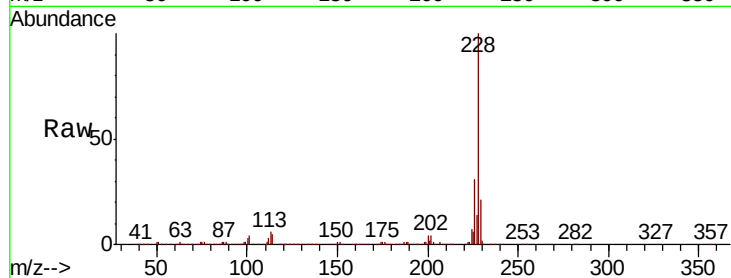
BNA_G

ClientSampleId :

PB124392BS

Tot Ion:228 Resp: 684030

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.8	35.8
229	21.1	16.3	24.5

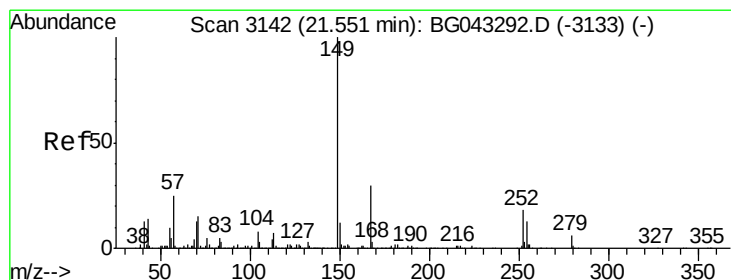
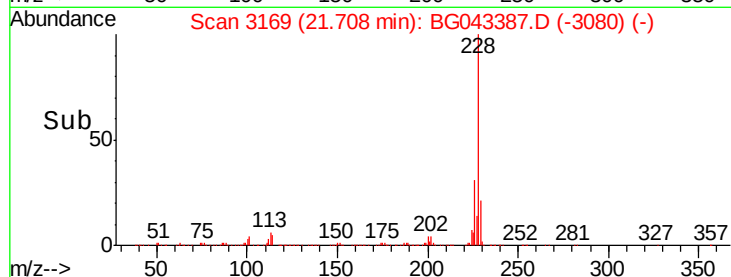
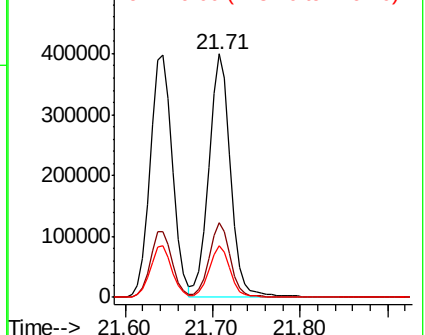


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.541 ng

RT: 21.54 min Scan# 3141

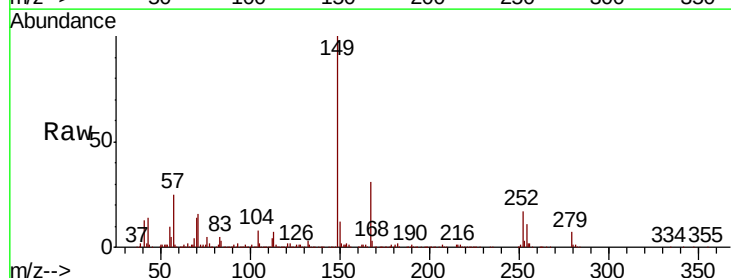
Delta R.T. -0.01 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

Tgt Ion:149 Resp: 367653

Ion	Ratio	Lower	Upper
149	100		
167	30.8	23.9	35.9
279	6.6	4.8	7.2

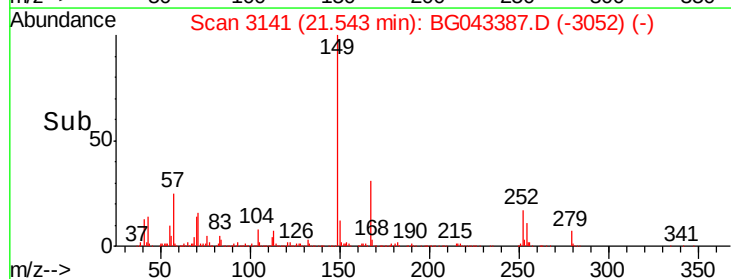
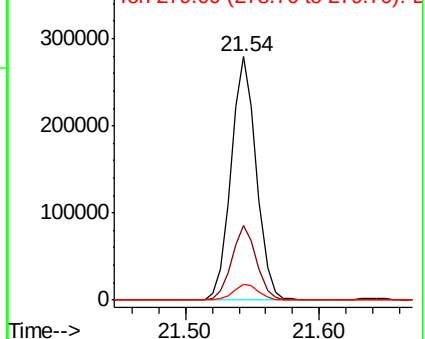


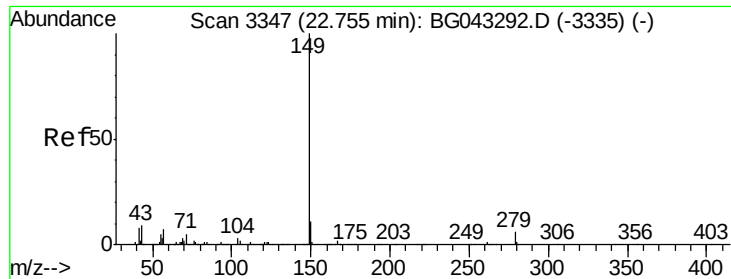
Abundance

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: 40.687 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.01 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

Instrument :

BNA_G

ClientSampleId :

PB124392BS

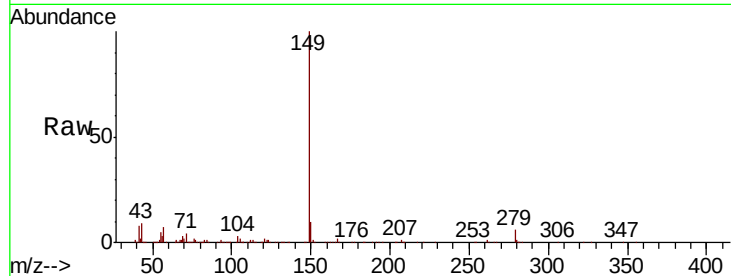
Tot Ion:149 Resp: 641830

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

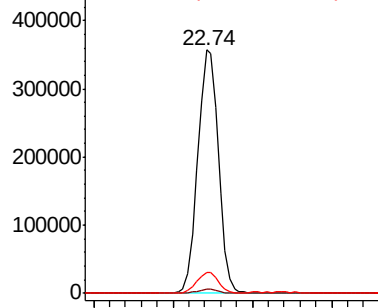
43 8.9 6.9 10.3



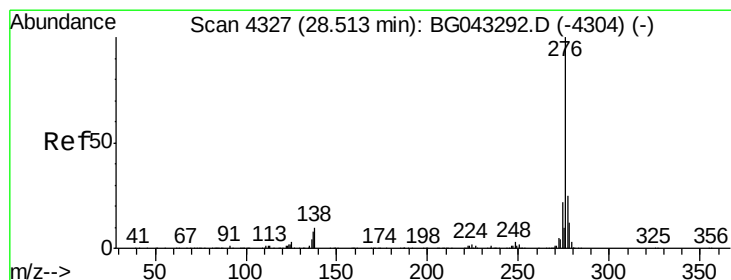
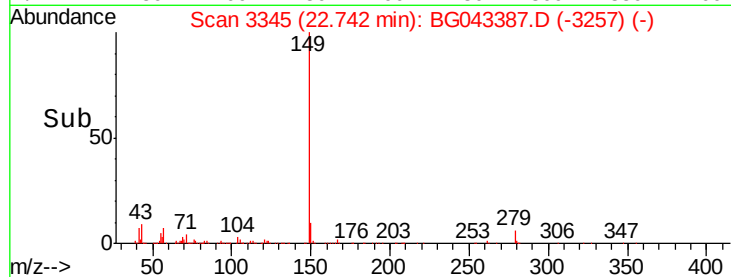
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



Time--> 22.60 22.70 22.80 22.90



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.047 ng

RT: 28.49 min Scan# 4324

Delta R.T. -0.02 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

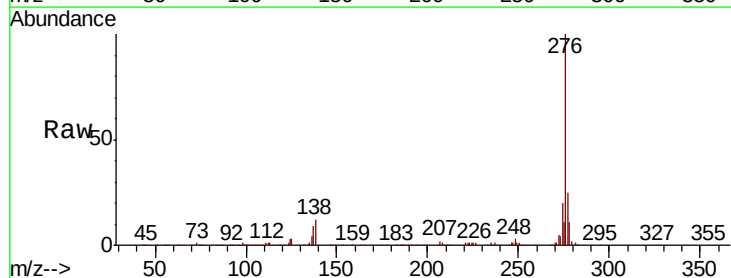
Tgt Ion:276 Resp: 895047

Ion Ratio Lower Upper

276 100

138 8.0 7.2 10.8

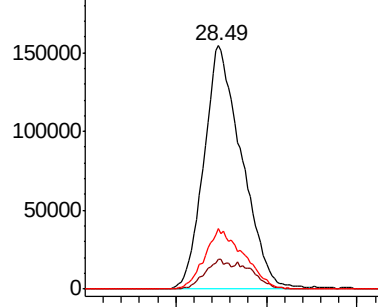
277 25.6 20.9 31.3



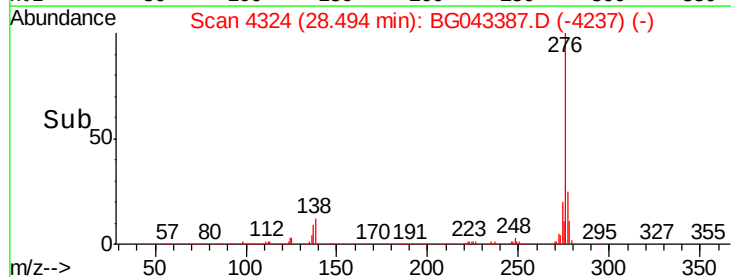
Abundance Ion 276.00 (275.70 to 276.70): E

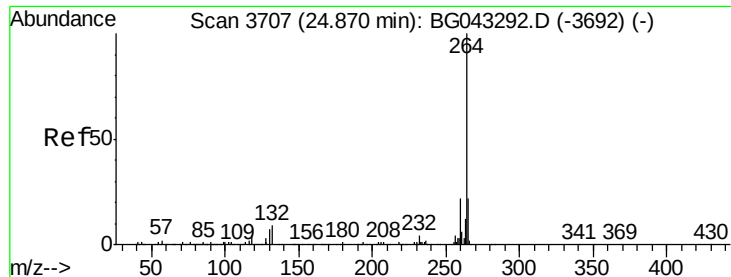
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time--> 28.40 28.60 28.80





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

Instrument :

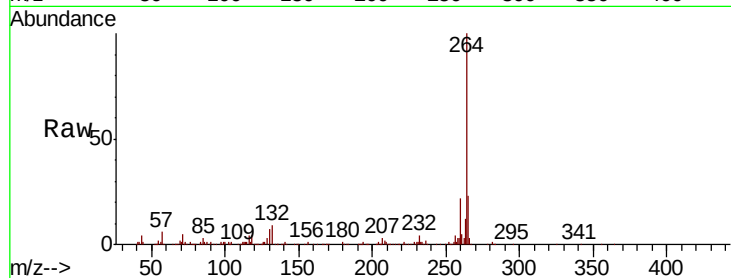
BNA_G

ClientSampleId :

PB124392BS

Tot Ion:264 Resp: 313206

Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.9	26.9
265	22.6	17.4	26.2

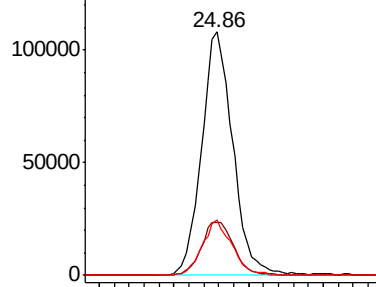


Abundance

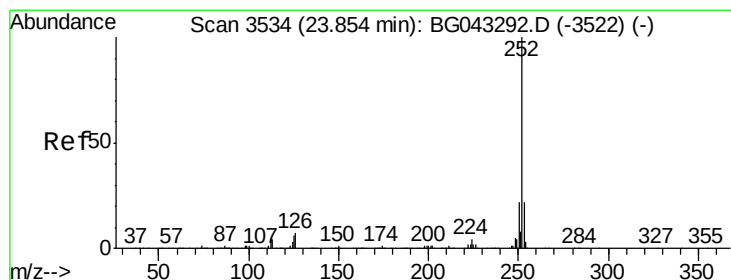
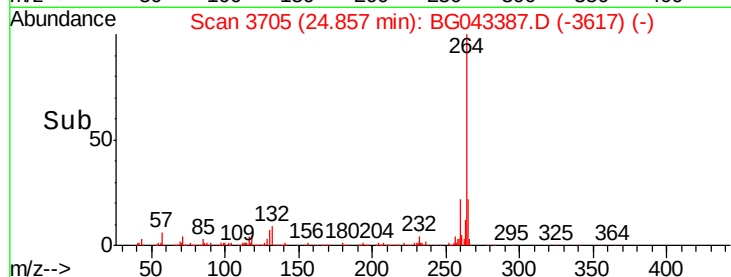
Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 41.062 ng

RT: 23.85 min Scan# 3533

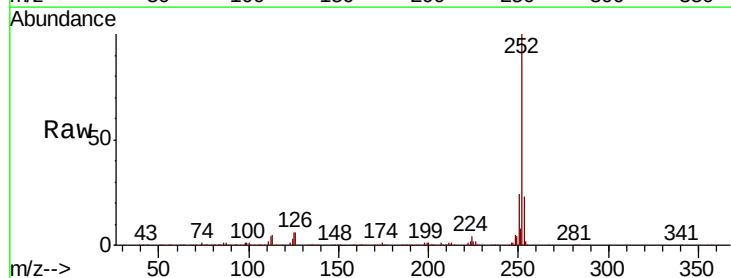
Delta R.T. -0.01 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

Tgt Ion:252 Resp: 728406

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.2
125	5.9	5.0	7.6

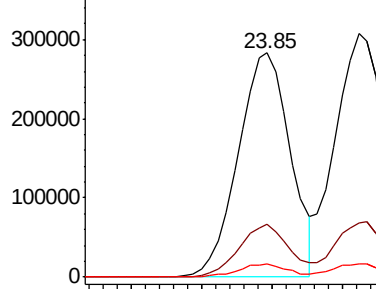


Abundance

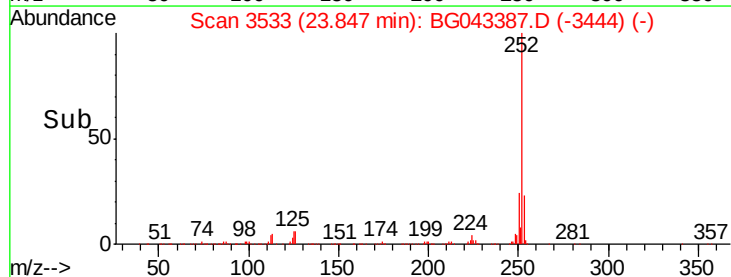
Ion 252.00 (251.70 to 252.70): E

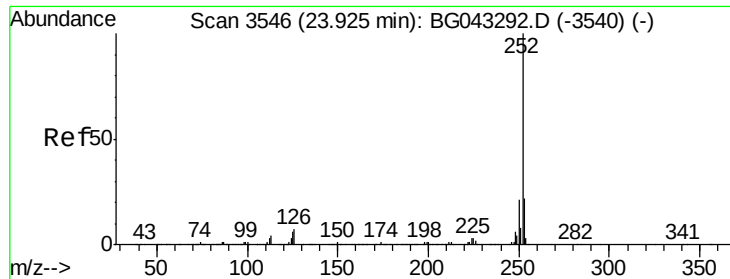
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->

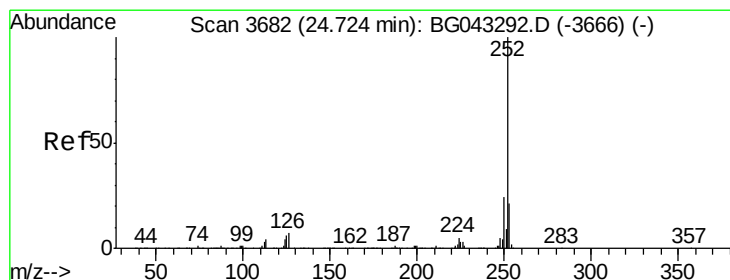
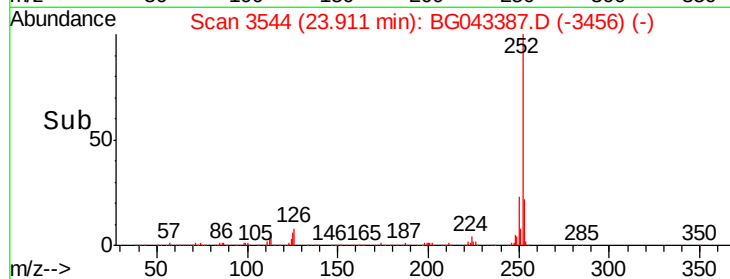
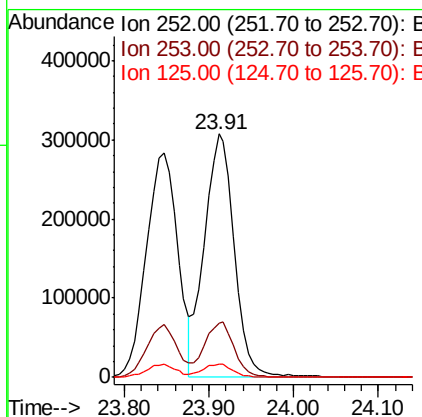
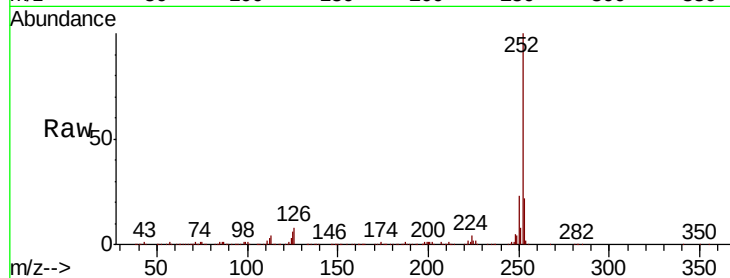




#89
Benzo(k)fluoranthene
Concen: 42.332 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.01 min
Lab File: BG043387.D
Acq: 30 Oct 2019 00:45

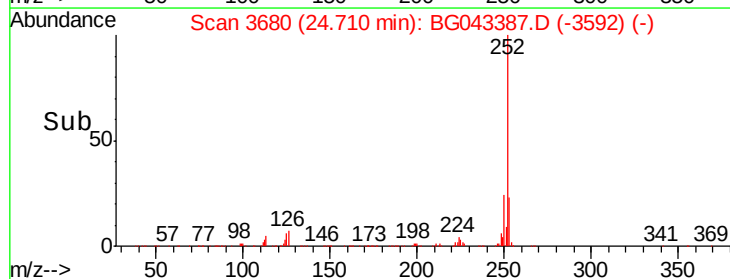
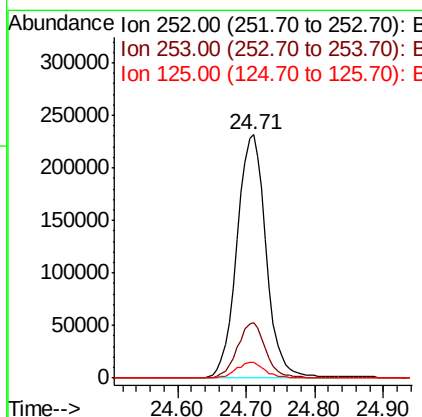
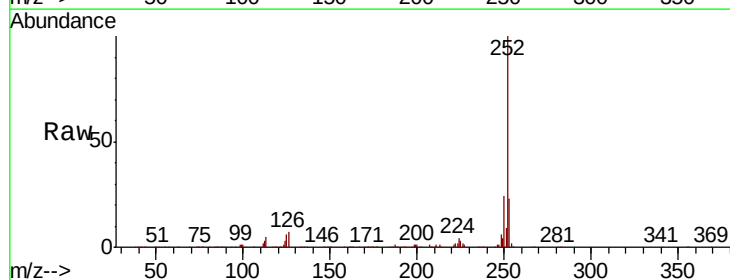
Instrument :
BNA_G
ClientSampleId :
PB124392BS

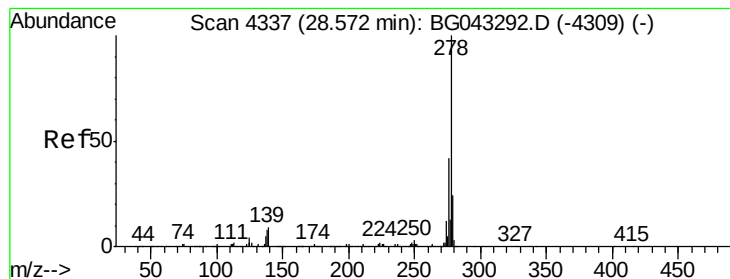
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	5.6	4.5	6.7



#90
Benzo(a)pyrene
Concen: 40.495 ng
RT: 24.71 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG043387.D
Acq: 30 Oct 2019 00:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	6.2	5.0	7.6





#91

Dibenzo(a,h)anthracene

Concen: 43.292 ng

RT: 28.56 min Scan# 4335

Delta R.T. -0.01 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

Instrument :

BNA_G

ClientSampleId :

PB124392BS

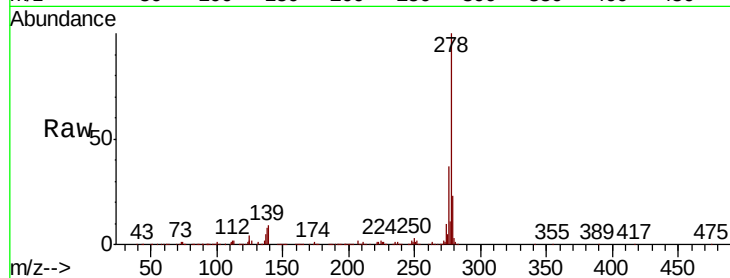
Tot Ion:278 Resp: 750100

Ion Ratio Lower Upper

278 100

139 9.2 6.8 10.2

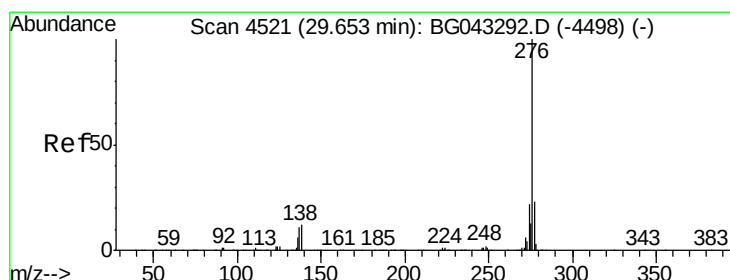
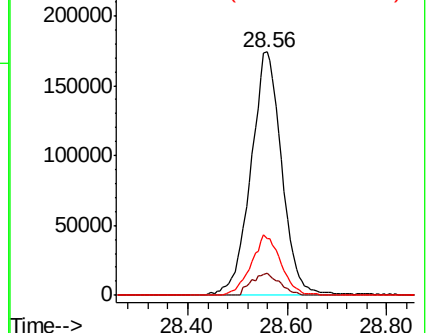
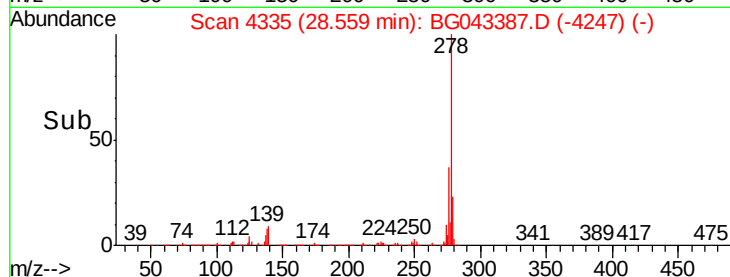
279 23.3 19.0 28.6



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: 43.218 ng

RT: 29.64 min Scan# 4519

Delta R.T. -0.01 min

Lab File: BG043387.D

Acq: 30 Oct 2019 00:45

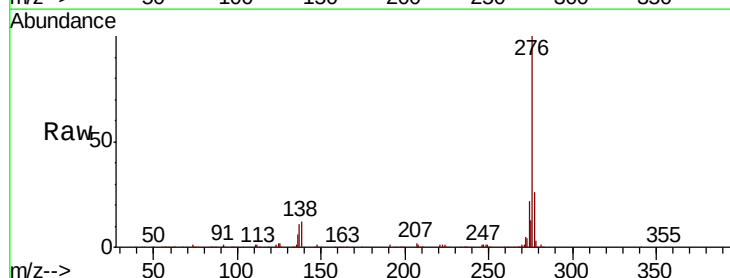
Tgt Ion:276 Resp: 738632

Ion Ratio Lower Upper

276 100

277 26.0 18.3 27.5

138 11.7 9.3 13.9



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

