

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
 Data File : BG041129.D
 Acq On : 8 Jun 2019 12:20
 Operator : HP/JU
 Sample : PB120423BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120423BS

Quant Time: Jun 09 23:15:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	37706	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	157017	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	122901	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	327439	20.00	ng	0.00
76) Chrysene-d12	21.76	240	329489	20.00	ng	0.00
87) Perylene-d12	25.08	264	344758	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	297355	142.20	ng	0.00
7) Phenol-d6	7.25	99	428930	132.82	ng	0.00
23) Nitrobenzene-d5	9.28	82	284808	80.52	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	245691	134.66	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	694996	81.44	ng	0.00
79) Terphenyl-d14	20.07	244	1336555	86.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	37612	39.639	ng	# 89
3) Pyridine	3.90	79	100125	35.661	ng	94
4) n-Nitrosodimethylamine	3.82	42	55950	42.937	ng	86
6) Aniline	7.42	93	143627	33.320	ng	98
8) 2-Chlorophenol	7.67	128	123089	49.375	ng	97
9) Benzaldehyde	7.24	77	36045	18.711	ng	88
10) Phenol	7.28	94	167436	48.356	ng	97
11) bis(2-Chloroethyl)ether	7.52	93	107481	42.788	ng	99
12) 1,3-Dichlorobenzene	7.99	146	123139	41.357	ng	95
13) 1,4-Dichlorobenzene	8.14	146	127414	42.276	ng	97
14) 1,2-Dichlorobenzene	8.46	146	121383	41.480	ng	97
15) Benzyl Alcohol	8.35	79	137071	45.884	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.62	45	166212	40.494	ng	97
17) 2-Methylphenol	8.54	107	118617	47.313	ng	99
18) Hexachloroethane	9.19	117	47310	40.729	ng	98
19) n-Nitroso-di-n-propylamine	8.90	70	104481	42.041	ng	99
20) 3+4-Methylphenols	8.87	107	164150	47.268	ng	99
22) Acetophenone	8.93	105	196836	44.689	ng	97
24) Nitrobenzene	9.32	77	164420	45.616	ng	99
25) Isophorone	9.84	82	302388	44.924	ng	99
26) 2-Nitrophenol	10.03	139	74135	49.891	ng	95
27) 2,4-Dimethylphenol	10.08	122	130439	53.151	ng	92
28) bis(2-Chloroethoxy)methane	10.32	93	158772	43.704	ng	99
29) 2,4-Dichlorophenol	10.57	162	147641	47.375	ng	92
30) 1,2,4-Trichlorobenzene	10.79	180	154340	43.535	ng	97
31) Naphthalene	10.98	128	384324	45.588	ng	98
32) Benzoic acid	10.23	122	87171	46.074	ng	97
33) 4-Chloroaniline	11.08	127	101448	25.935	ng	94
34) Hexachlorobutadiene	11.24	225	111087	40.952	ng	94
35) Caprolactam	11.87	113	50320m	48.896	ng	
36) 4-Chloro-3-methylphenol	12.19	107	173673	48.796	ng	98
37) 2-Methylnaphthalene	12.57	142	301936	46.502	ng	97
38) 1-Methylnaphthalene	12.79	142	286456	46.818	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	218761	44.162	ng	99

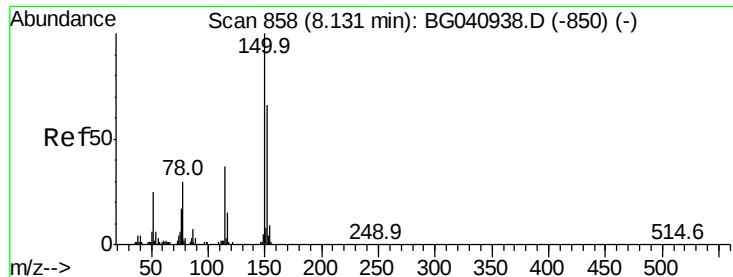
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	270113	99.233	nq	99
43) 2,4,6-Trichlorophenol	13.17	196	148903	46.466	nq	96
44) 2,4,5-Trichlorophenol	13.25	196	160212	47.405	nq	98
46) 1,1'-Biphenyl	13.57	154	418987	46.056	nq	99
47) 2-Chloronaphthalene	13.62	162	343995	44.046	nq	99
48) 2-Nitroaniline	13.83	65	125038	44.628	nq	99
49) Acenaphthylene	14.46	152	550193	46.807	nq	99
50) Dimethylphthalate	14.19	163	469462	45.125	nq	99
51) 2,6-Dinitrotoluene	14.32	165	105886	47.205	nq	97
52) Acenaphthene	14.80	154	319406	44.856	nq	99
53) 3-Nitroaniline	14.65	138	74981	33.428	nq	99
54) 2,4-Dinitrophenol	14.86	184	141883	106.470	nq	99
55) Dibenzofuran	15.13	168	565900	47.230	nq	99
56) 4-Nitrophenol	14.94	139	169860	110.405	nq	94
57) 2,4-Dinitrotoluene	15.10	165	155253	48.998	nq	98
58) Fluorene	15.78	166	444632	46.597	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	168724	50.801	nq	99
60) Diethylphthalate	15.54	149	487706	45.936	nq	100
61) 4-Chlorophenyl-phenylether	15.77	204	284509	45.872	nq	96
62) 4-Nitroaniline	15.81	138	107665	45.339	nq	95
63) Azobenzene	16.06	77	448510	46.478	nq	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	98067	54.479	nq	96
66) n-Nitrosodiphenylamine	15.98	169	414729	45.056	nq	98
67) 4-Bromophenyl-phenylether	16.66	248	186651	42.239	nq	99
68) Hexachlorobenzene	16.77	284	194697	41.377	nq	100
69) Atrazine	16.92	200	176679	49.745	nq	95
70) Pentachlorophenol	17.12	266	240260	94.500	nq	99
71) Phenanthrene	17.52	178	777207	45.569	nq	98
72) Anthracene	17.61	178	799137	47.507	nq	99
73) Carbazole	17.89	167	690539	47.842	nq	99
74) Di-n-butylphthalate	18.42	149	814137	45.383	nq	99
75) Fluoranthene	19.53	202	1015562	48.207	nq	99
77) Benzidine	19.71	184	422178	53.712	nq	97
78) Pyrene	19.89	202	1005718	46.955	nq	99
80) Butylbenzylphthalate	20.76	149	384358	46.112	nq	97
81) Benzo(a)anthracene	21.74	228	987836	45.039	nq	99
82) 3,3'-Dichlorobenzidine	21.65	252	245240	31.790	nq	100
83) Chrysene	21.81	228	968066	46.123	nq	98
84) Bis(2-ethylhexyl)phthalate	21.61	149	535262	45.617	nq	99
85) Di-n-octyl phthalate	22.85	149	905812	46.352	nq	99
86) Indeno(1,2,3-cd)pyrene	28.91	276	1178217	45.826	nq	# 99
88) Benzo(b)fluoranthene	24.02	252	1012207	48.406	nq	100
89) Benzo(k)fluoranthene	24.09	252	976801	47.205	nq	99
90) Benzo(a)pyrene	24.93	252	986844	49.465	nq	98
91) Dibenzo(a,h)anthracene	28.98	278	976692	48.995	nq	99
92) Benzo(g,h,i)perylene	30.12	276	977216	50.458	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB120423BS

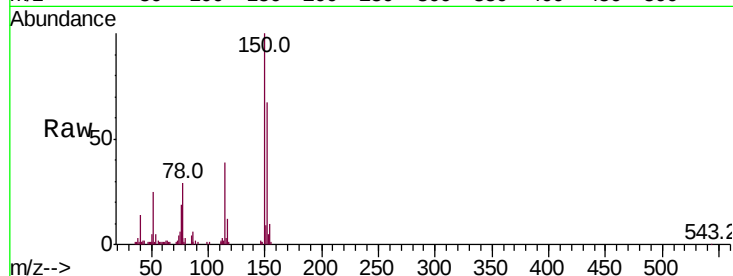
Tot Ion:152 Resp: 37706

Ion Ratio Lower Upper

152 100

150 148.9 120.6 180.8

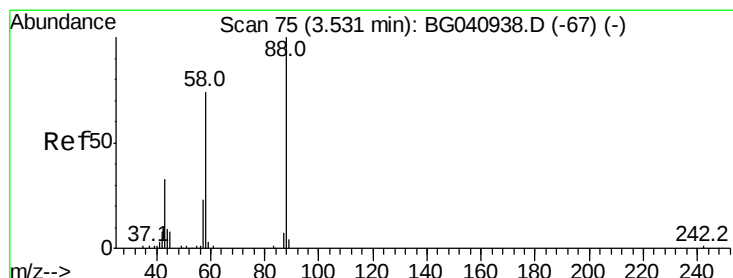
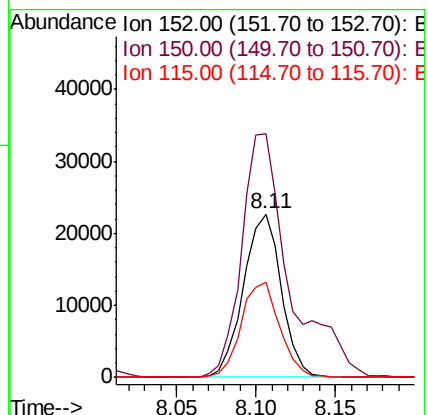
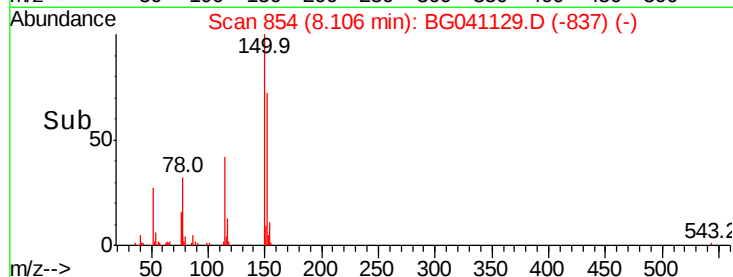
115 57.9 45.1 67.7



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: 39.639 ng

RT: 3.49 min Scan# 69

Delta R.T. -0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

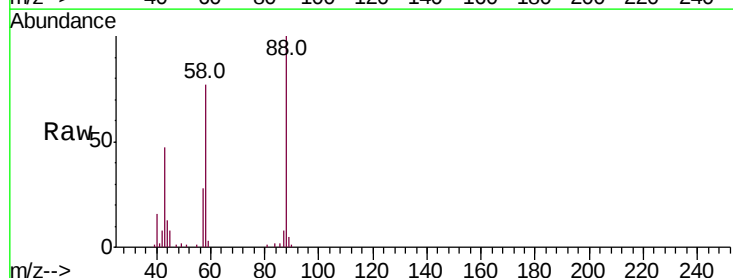
Tgt Ion: 88 Resp: 37612

Ion Ratio Lower Upper

88 100

58 78.5 59.0 88.6

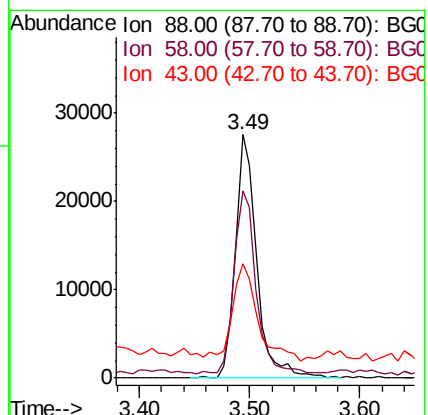
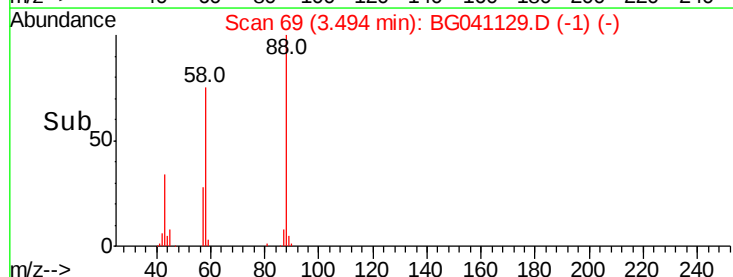
43 46.9 27.2 40.8#

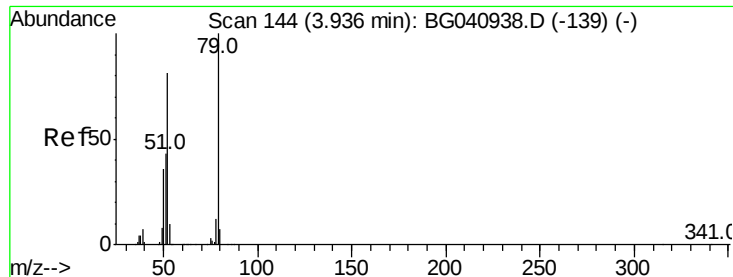


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 35.661 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

Instrument :

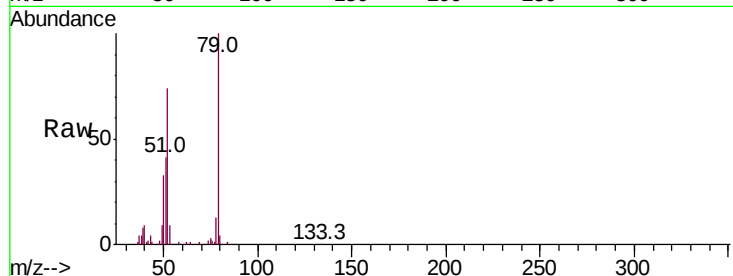
BNA_G

ClientSampleId :

PB120423BS

Tot Ion: 79 Resp: 100125

Ion	Ratio	Lower	Upper
79	100		
52	74.2	64.8	97.2
51	41.5	35.3	52.9

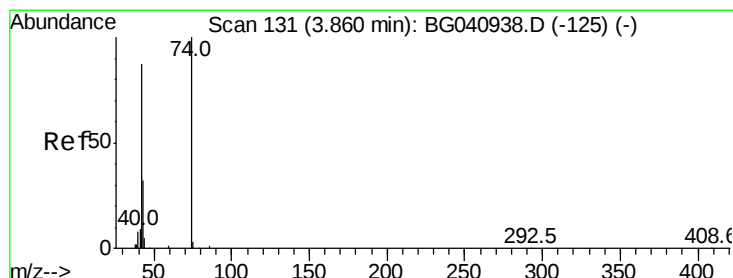
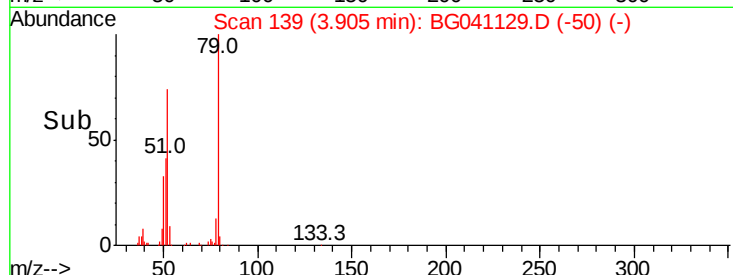
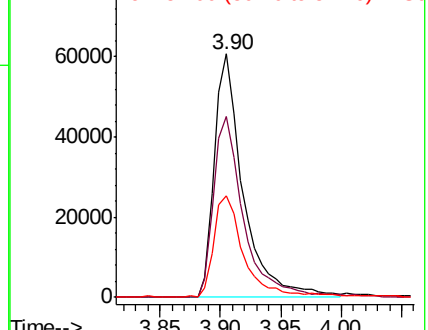


Abundance

Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 42.937 ng

RT: 3.82 min Scan# 125

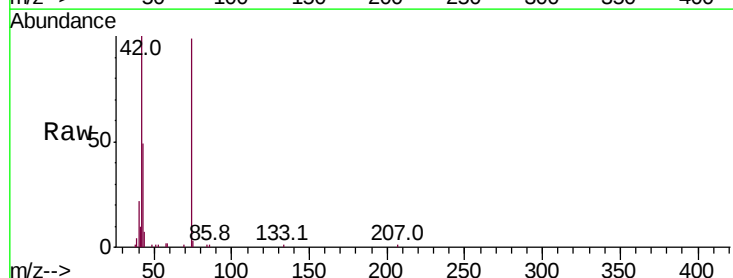
Delta R.T. -0.01 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

Tgt Ion: 42 Resp: 55950

Ion	Ratio	Lower	Upper
42	100		
74	98.6	91.8	137.6
44	6.7	6.0	9.0

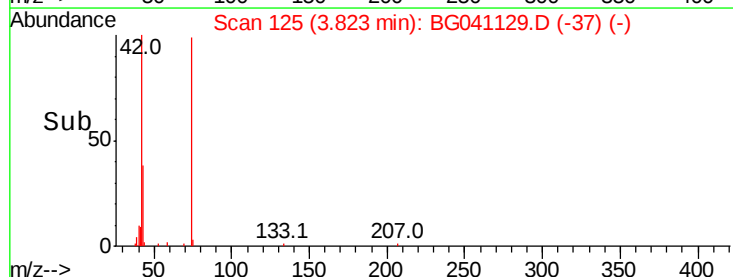
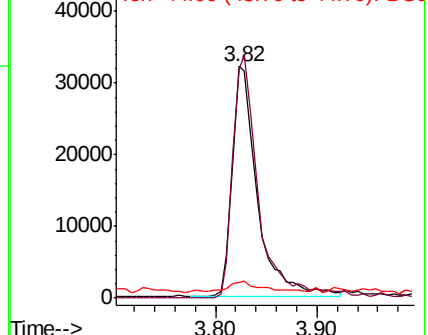


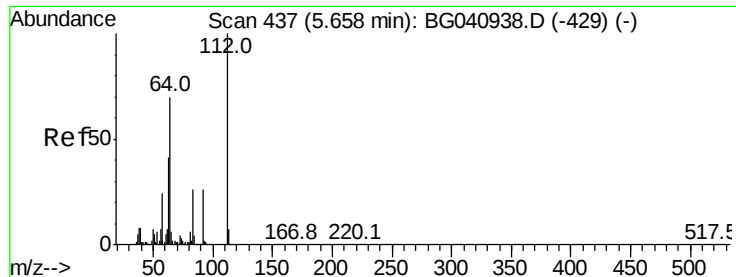
Abundance

Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 142.204 ng

RT: 5.64 min Scan# 434

Delta R.T. 0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB120423BS

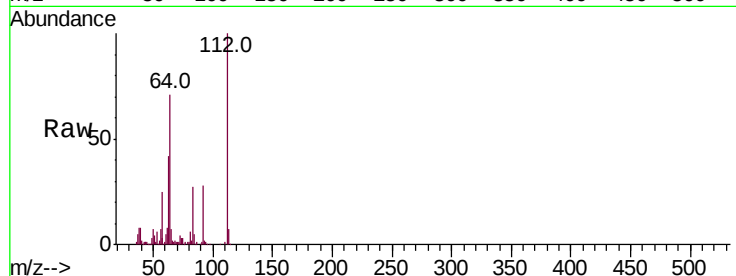
Tot Ion:112 Resp: 297355

Ion Ratio Lower Upper

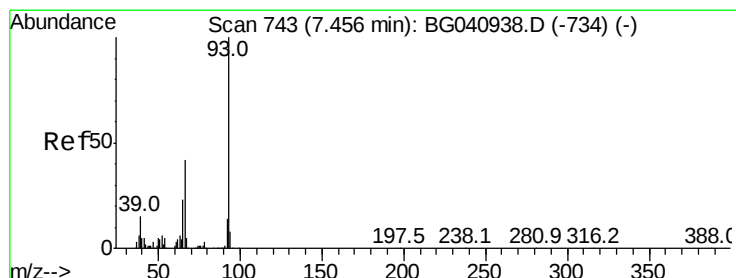
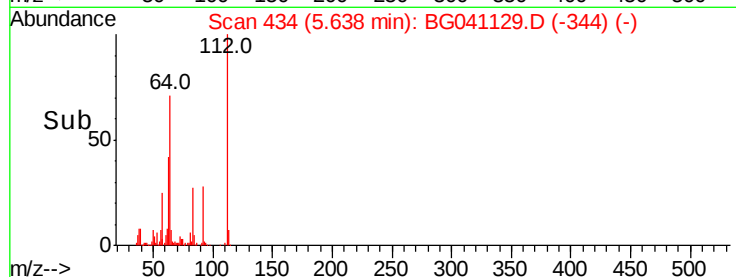
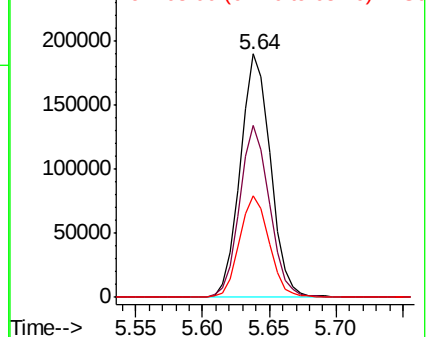
112 100

64 70.8 56.2 84.2

63 41.5 32.8 49.2



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: 33.320 ng

RT: 7.42 min Scan# 738

Delta R.T. -0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

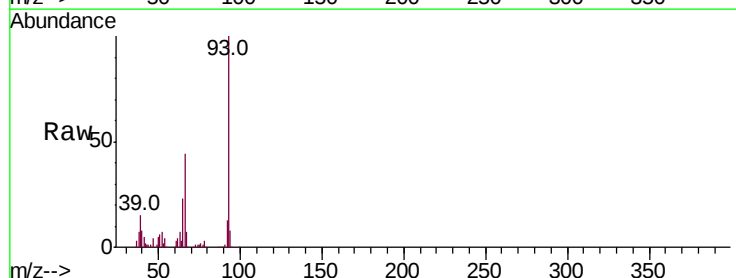
Tgt Ion: 93 Resp: 143627

Ion Ratio Lower Upper

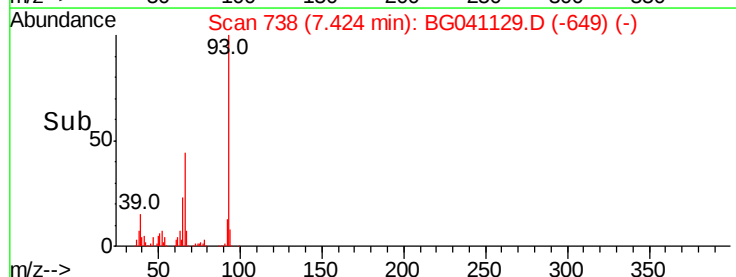
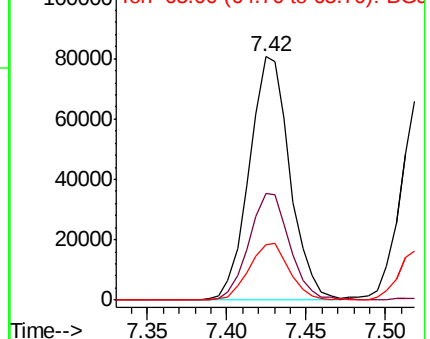
93 100

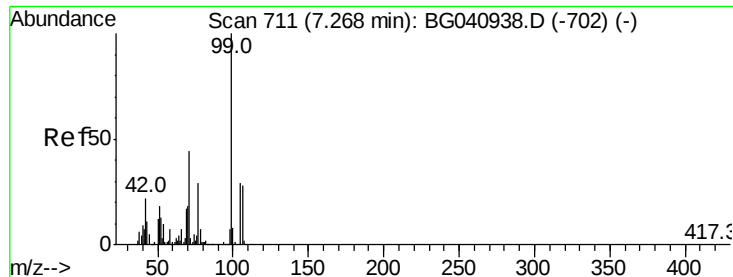
66 44.0 33.8 50.8

65 22.8 18.3 27.5



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: 132.820 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB120423BS

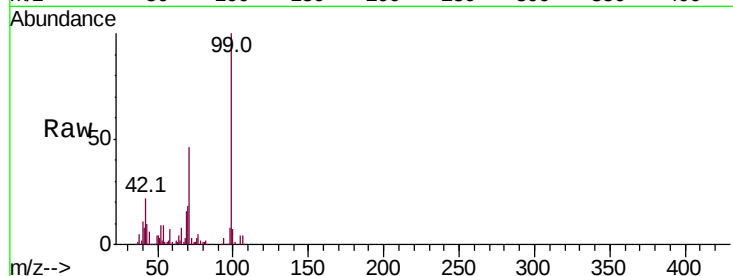
Tot Ion: 99 Resp: 428930

Ion Ratio Lower Upper

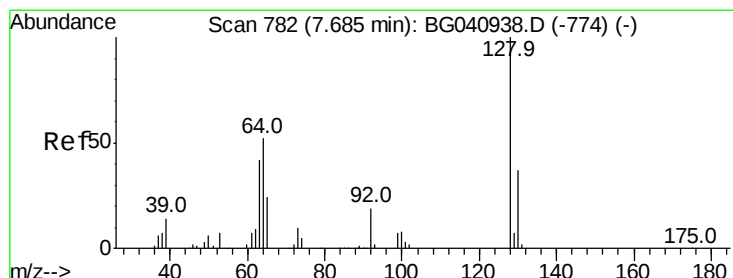
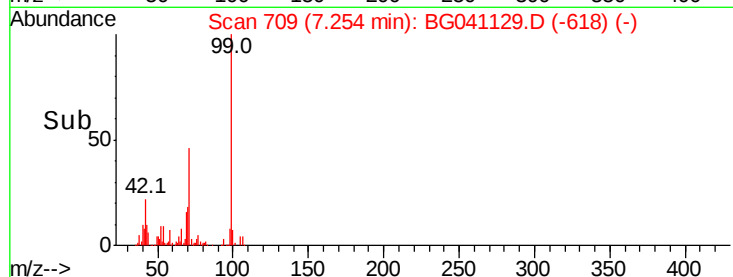
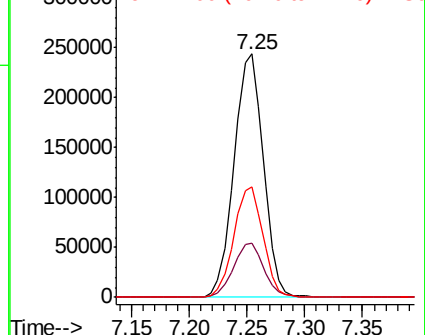
99 100

42 22.3 17.9 26.9

71 45.5 35.4 53.0



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



#8

2-Chlorophenol

Concen: 49.375 ng

RT: 7.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

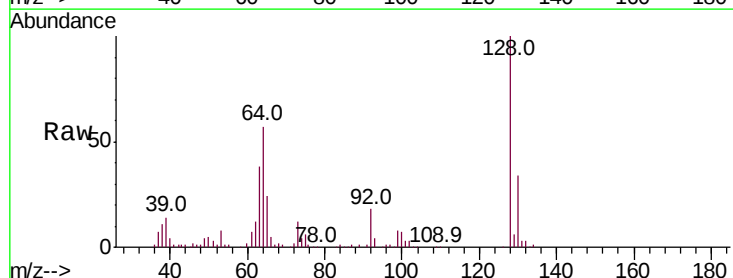
Tgt Ion: 128 Resp: 123089

Ion Ratio Lower Upper

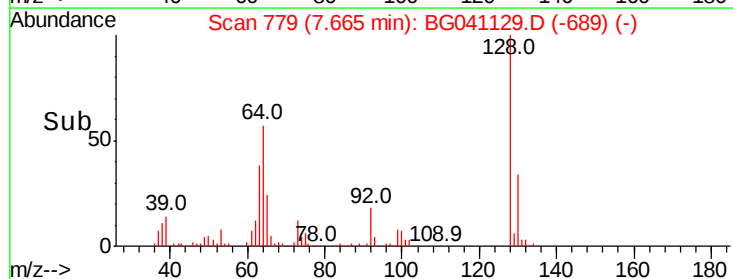
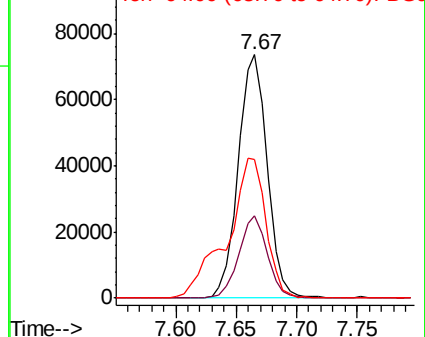
128 100

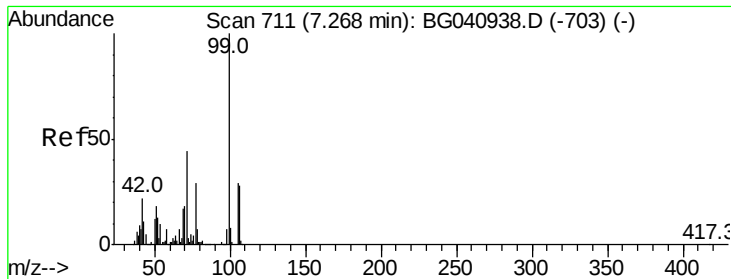
130 33.6 16.6 56.6

64 56.8 37.8 77.8



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





#9

Benzaldehyde

Concen: 18.711 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB120423BS

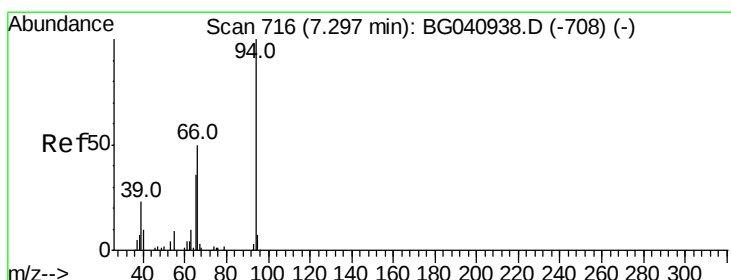
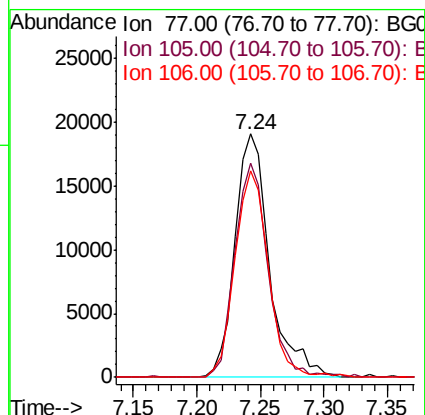
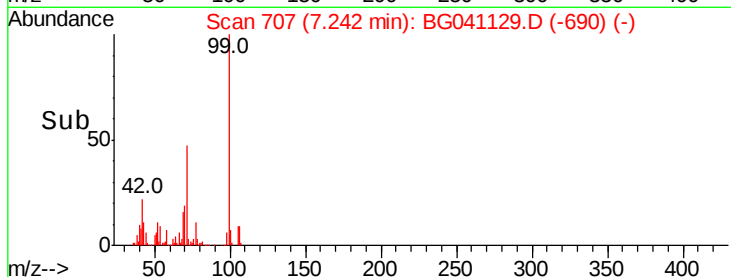
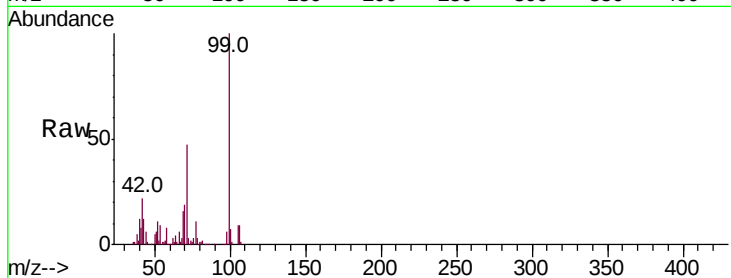
Tot Ion: 77 Resp: 36045

Ion Ratio Lower Upper

77 100

105 87.8 78.9 118.9

106 84.8 76.7 116.7



#10

Phenol

Concen: 48.356 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

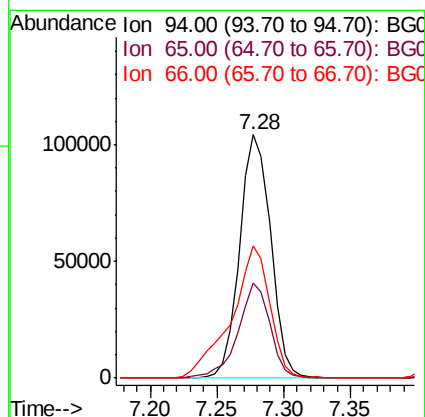
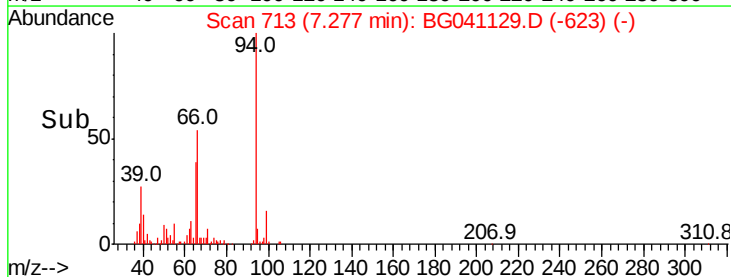
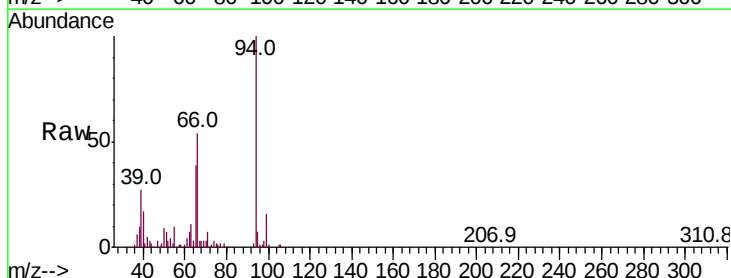
Tgt Ion: 94 Resp: 167436

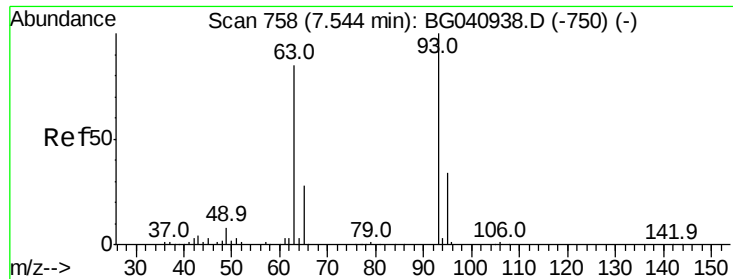
Ion Ratio Lower Upper

94 100

65 38.9 17.0 57.0

66 54.3 32.4 72.4

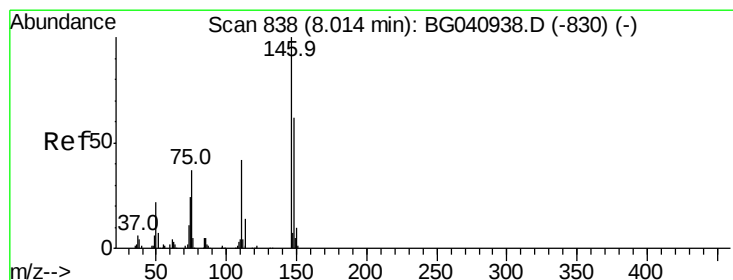
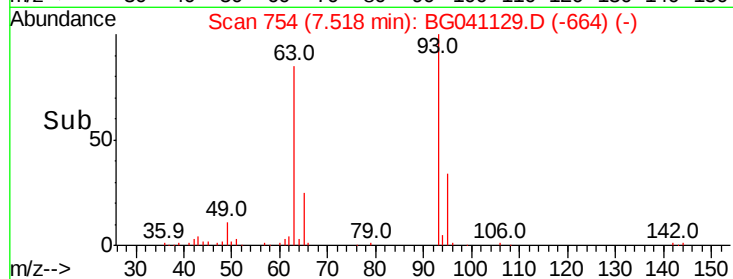
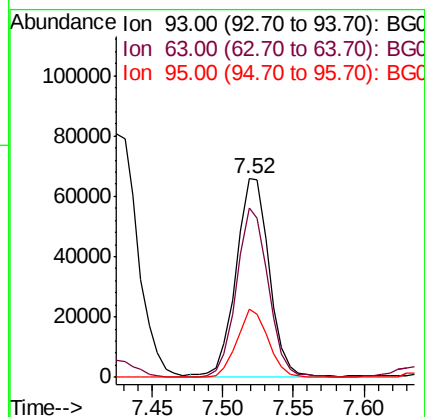
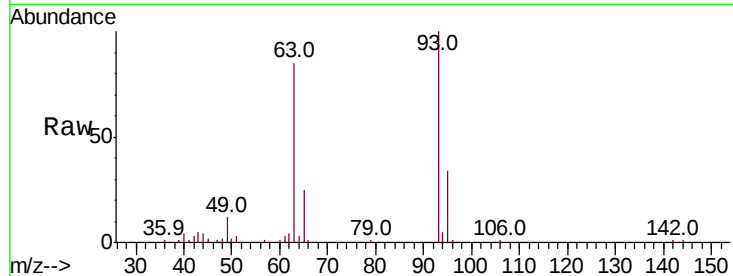




#11
bis(2-Chloroethyl)ether
Concen: 42.788 ng
RT: 7.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BG041129.D
Acq: 8 Jun 2019 12:20

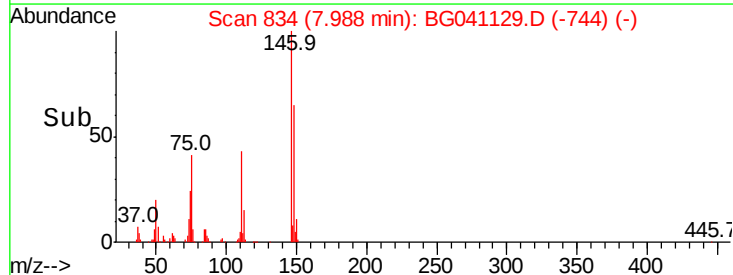
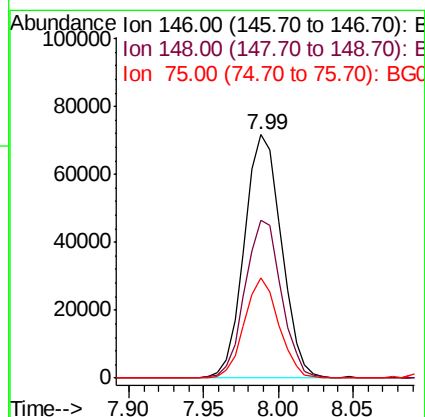
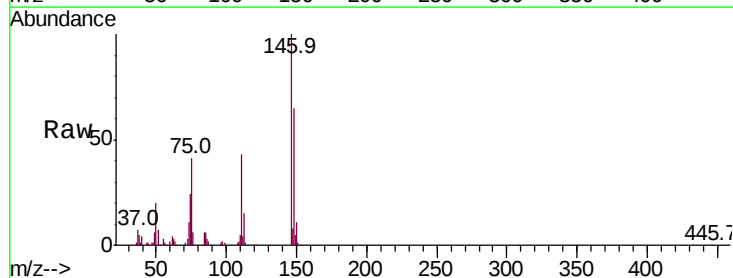
Instrument :
BNA_G
ClientSampleId :
PB120423BS

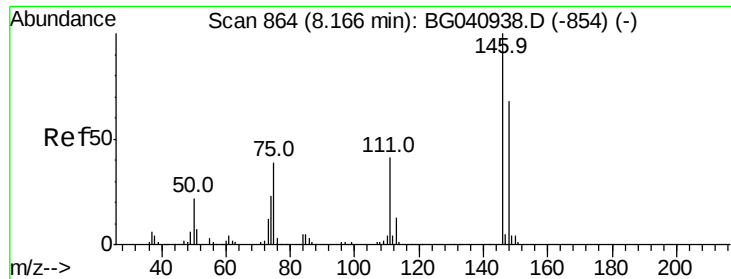
Tot Ion: 93 Resp: 107481
Ion Ratio Lower Upper
93 100
63 85.4 64.5 104.5
95 34.2 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 41.357 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG041129.D
Acq: 8 Jun 2019 12:20

Tgt Ion:146 Resp: 123139
Ion Ratio Lower Upper
146 100
148 64.8 49.2 73.8
75 41.0 29.4 44.0

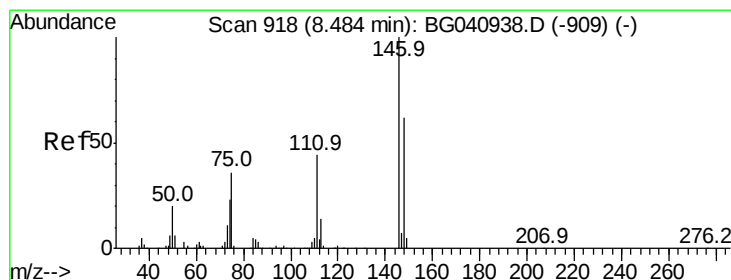
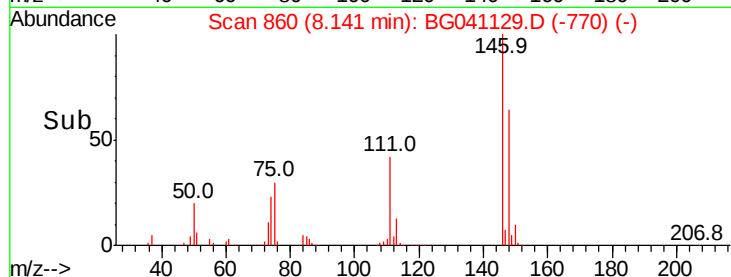
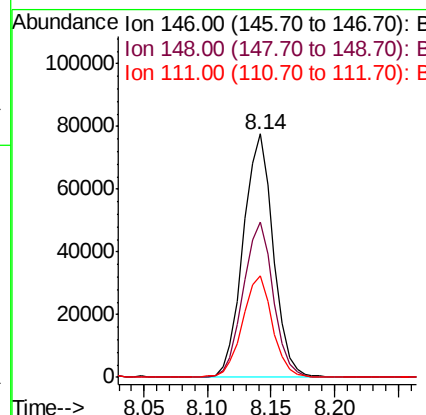
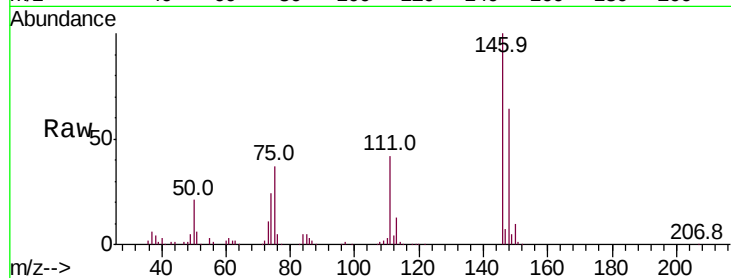




#13
1,4-Dichlorobenzene
Concen: 42.276 ng
RT: 8.14 min Scan# 860
Delta R.T. 0.00 min
Lab File: BG041129.D
Acq: 8 Jun 2019 12:20

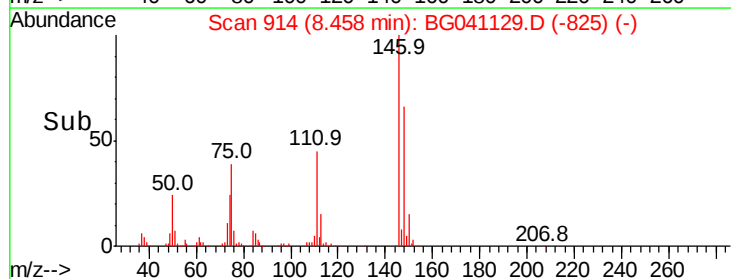
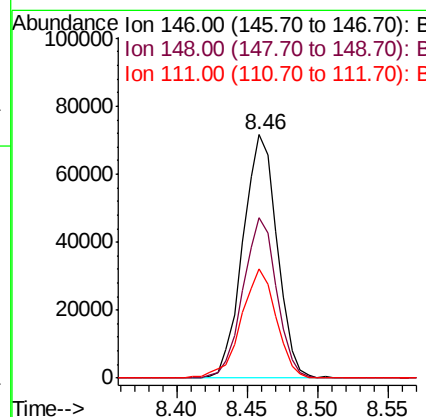
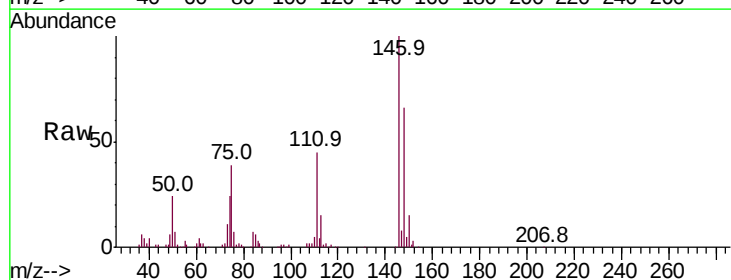
Instrument :
BNA_G
ClientSampleId :
PB120423BS

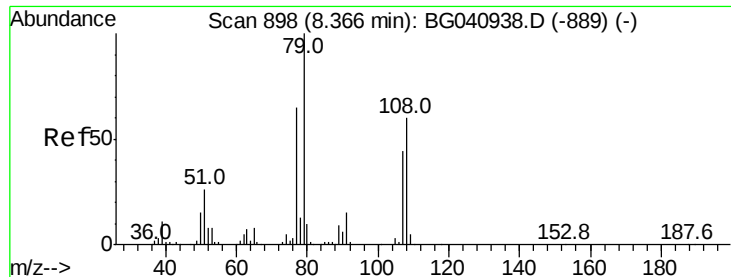
Tot Ion:146 Resp: 127414
Ion Ratio Lower Upper
146 100
148 63.9 54.2 81.4
111 41.5 32.9 49.3



#14
1,2-Dichlorobenzene
Concen: 41.480 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.00 min
Lab File: BG041129.D
Acq: 8 Jun 2019 12:20

Tgt Ion:146 Resp: 121383
Ion Ratio Lower Upper
146 100
148 65.9 49.8 74.6
111 44.7 35.0 52.4





#15

Benzyl Alcohol

Concen: 45.884 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.01 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB120423BS

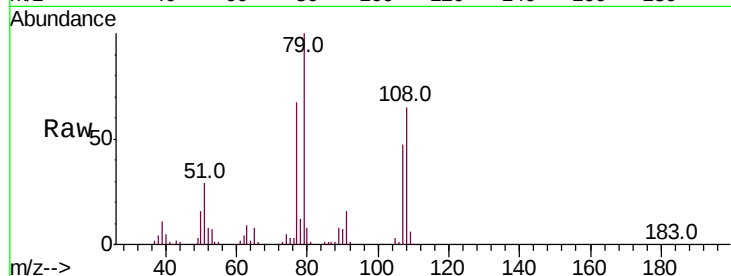
Tot Ion: 79 Resp: 137071

Ion Ratio Lower Upper

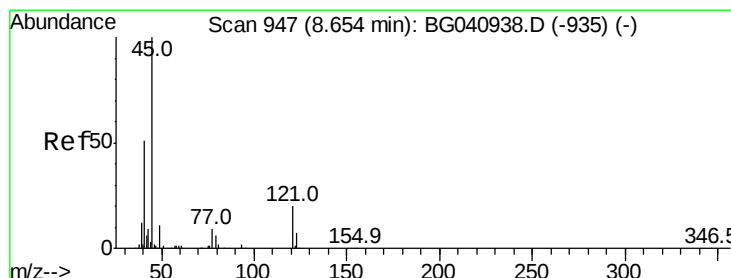
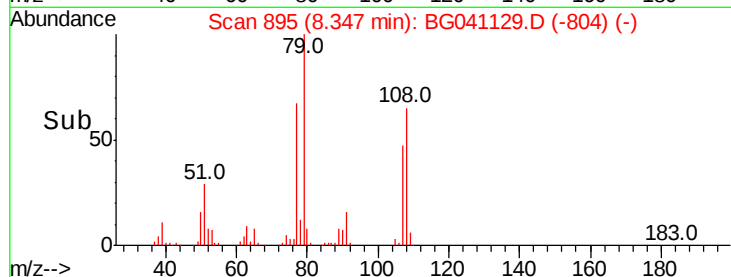
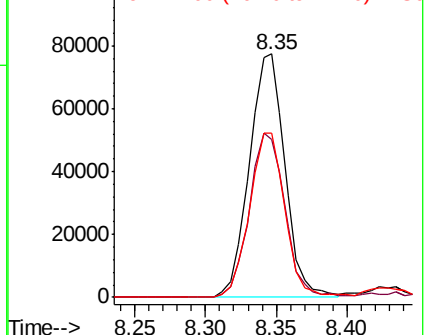
79 100

108 64.9 48.3 72.5

77 67.4 52.3 78.5



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: 40.494 ng

RT: 8.62 min Scan# 942

Delta R.T. -0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

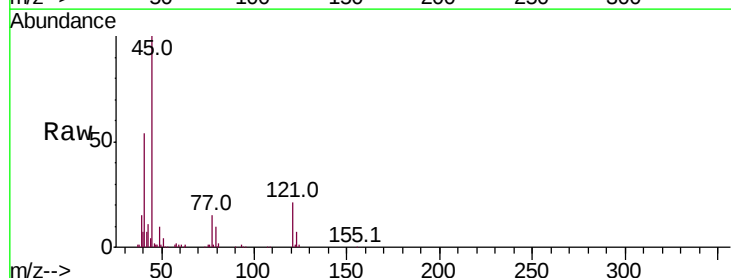
Tgt Ion: 45 Resp: 166212

Ion Ratio Lower Upper

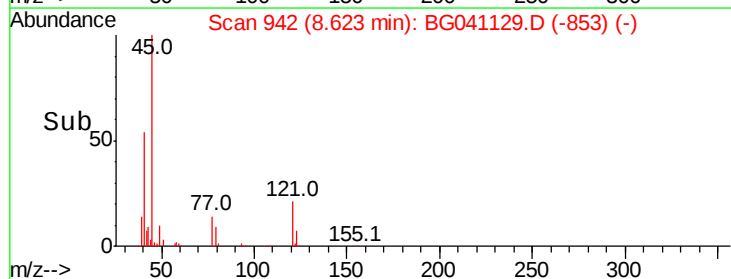
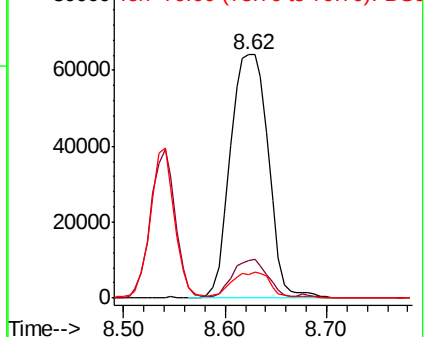
45 100

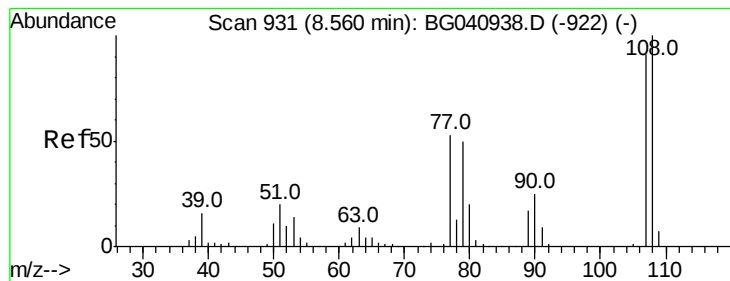
77 15.4 0.0 33.7

79 9.6 0.0 30.2



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

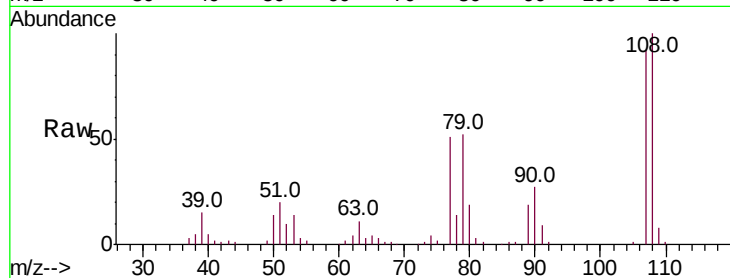




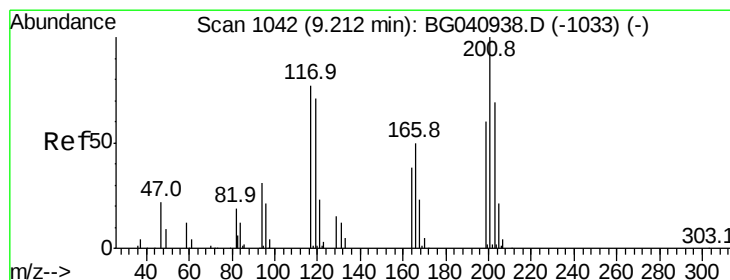
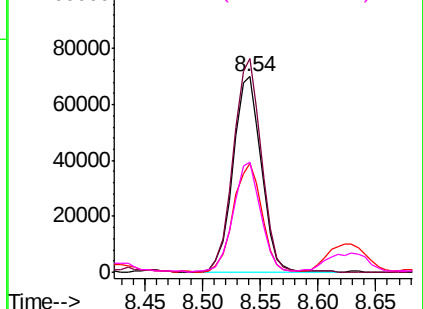
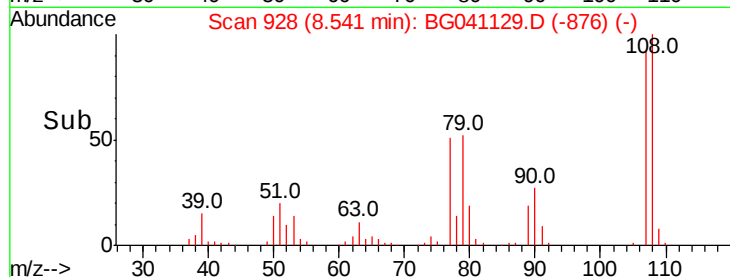
#17
2-Methylphenol
Concen: 47.313 ng
RT: 8.54 min Scan# 928
Delta R.T. 0.01 min
Lab File: BG041129.D
Acq: 8 Jun 2019 12:20

Instrument :
BNA_G
ClientSampleId :
PB120423BS

Tot Ion:	107	Resp:	118617
Ion	Ratio	Lower	Upper
107	100		
108	109.1	87.7	131.5
77	55.9	46.6	70.0
79	56.3	44.6	66.8

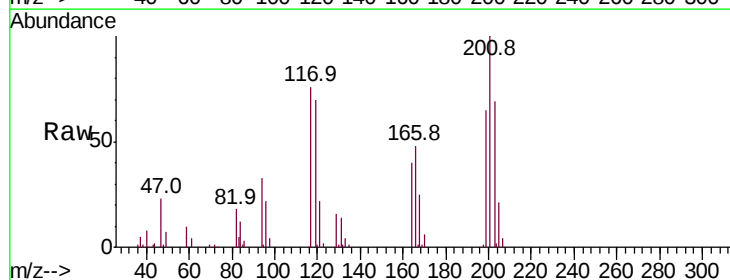


Abundance Ion 107.00 (106.70 to 107.70): E
120000
Ion 108.00 (107.70 to 108.70): E
100000
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

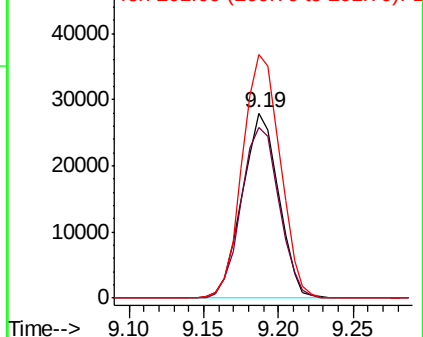
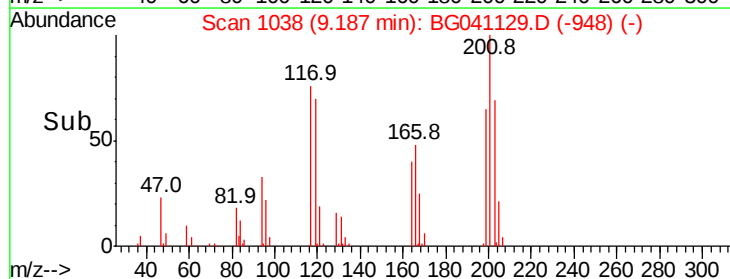


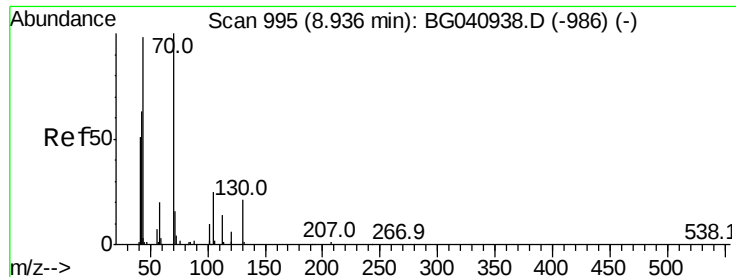
#18
Hexachloroethane
Concen: 40.729 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG041129.D
Acq: 8 Jun 2019 12:20

Tgt Ion:	117	Resp:	47310
Ion	Ratio	Lower	Upper
117	100		
119	92.6	75.0	112.6
201	131.6	103.5	155.3



Abundance Ion 117.00 (116.70 to 117.70): E
50000
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

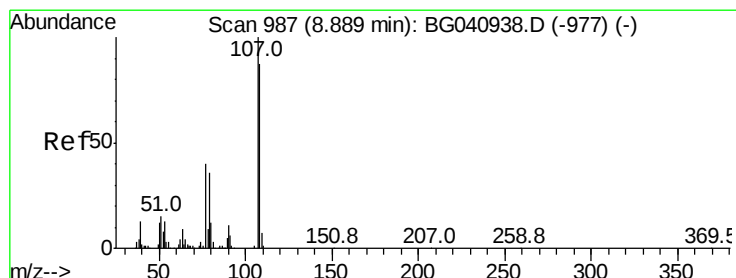
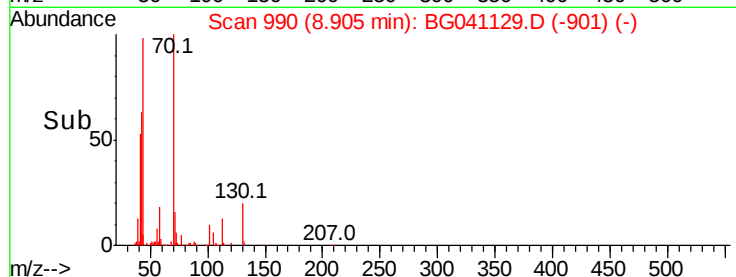
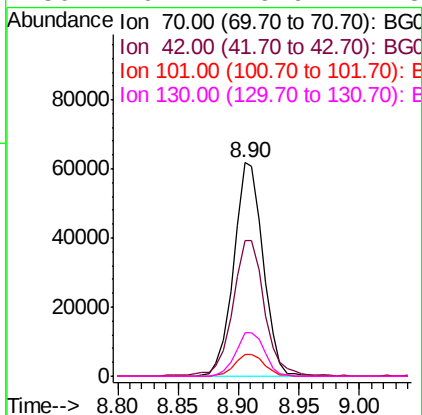
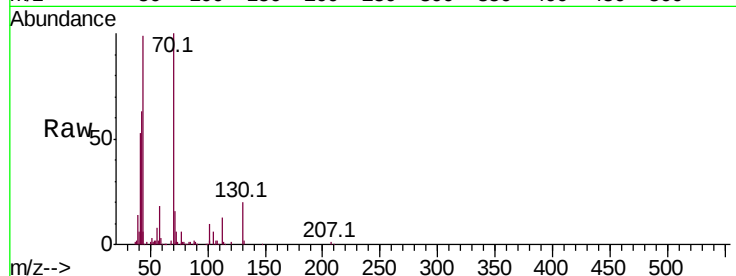




#19
n-Nitroso-di-n-propylamine
Concen: 42.041 ng
RT: 8.90 min Scan# 990
Delta R.T. -0.00 min
Lab File: BG041129.D
Acq: 8 Jun 2019 12:20

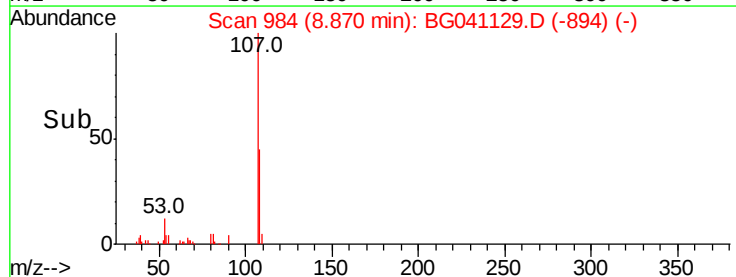
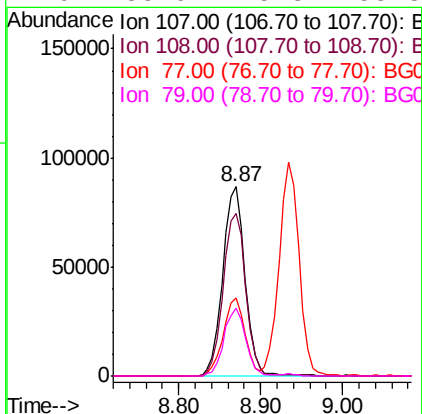
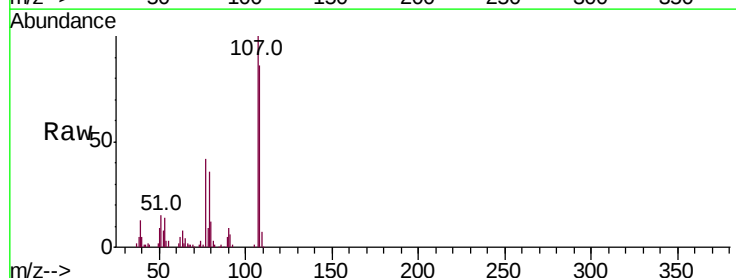
Instrument :
BNA_G
ClientSampleId :
PB120423BS

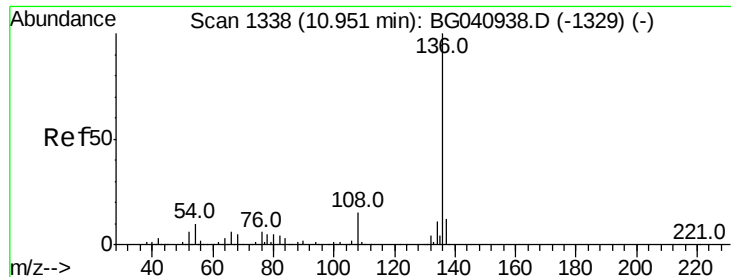
Tot Ion:	70	Resp:	104481
Ion	Ratio	Lower	Upper
70	100		
42	63.3	51.5	77.3
101	9.9	8.1	12.1
130	20.4	16.6	24.8



#20
3+4-Methylphenols
Concen: 47.268 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041129.D
Acq: 8 Jun 2019 12:20

Tgt Ion:	107	Resp:	164150
Ion	Ratio	Lower	Upper
107	100		
108	86.2	66.8	106.8
77	41.5	20.5	60.5
79	35.9	15.8	55.8

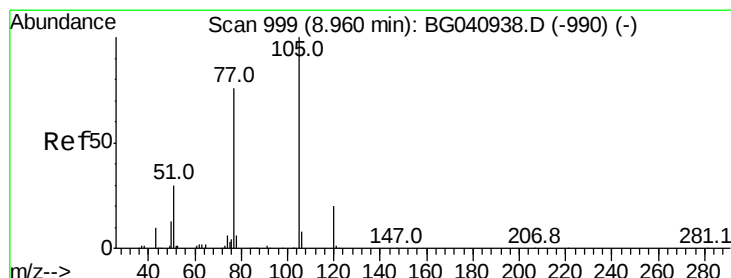
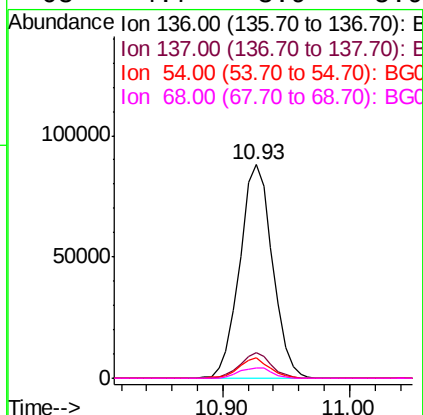
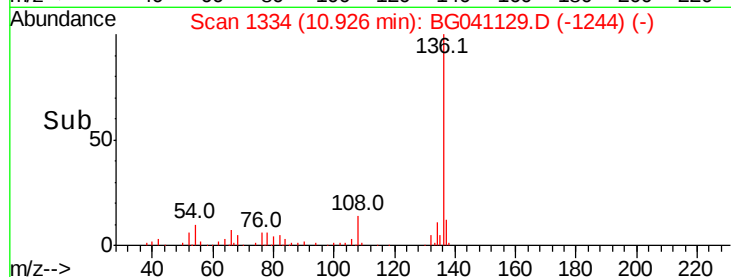
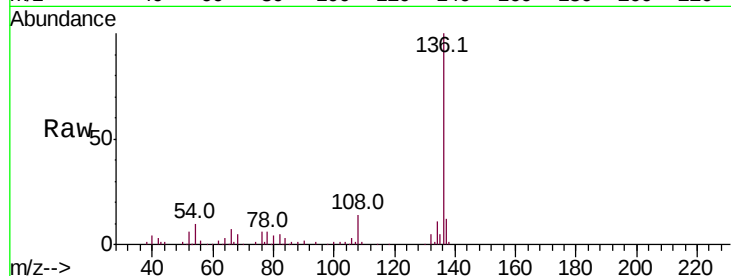




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG041129.D
Acq: 8 Jun 2019 12:20

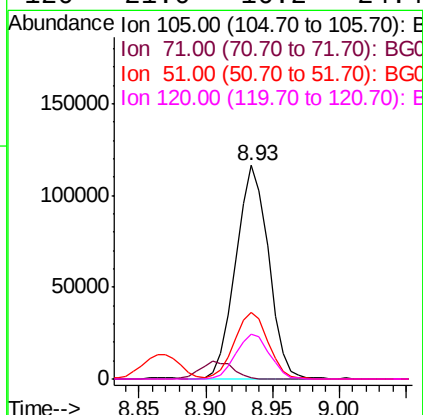
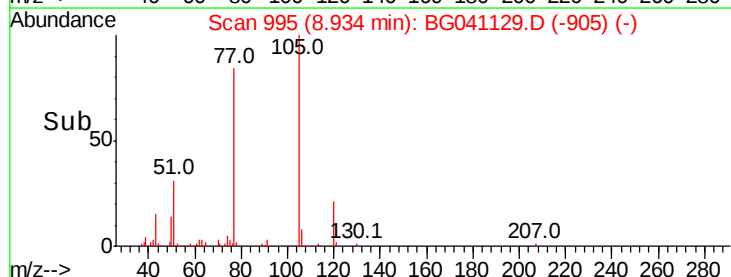
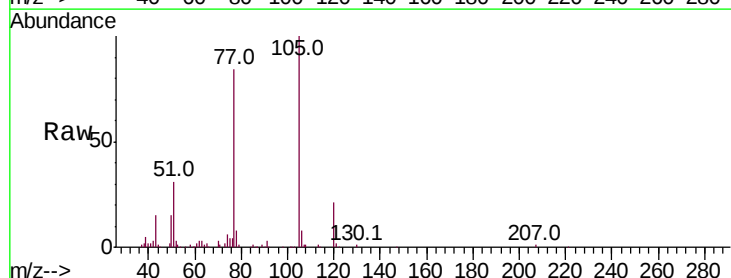
Instrument :
BNA_G
ClientSampleId :
PB120423BS

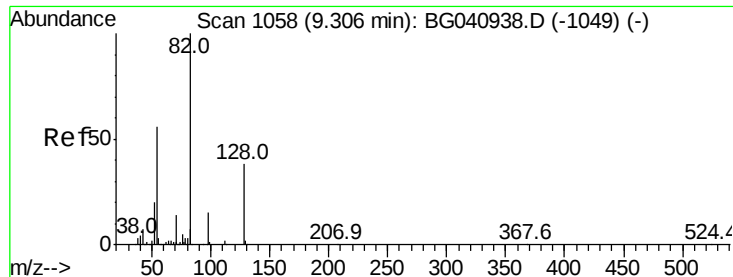
Tot Ion:136	Resp:	157017
Ion Ratio	Lower	Upper
136	100	
137	12.2	9.5 14.3
54	9.8	7.6 11.4
68	4.7	3.9 5.9



#22
Acetophenone
Concen: 44.689 ng
RT: 8.93 min Scan# 995
Delta R.T. 0.00 min
Lab File: BG041129.D
Acq: 8 Jun 2019 12:20

Tgt Ion:105	Resp:	196836
Ion Ratio	Lower	Upper
105	100	
71	0.6	0.4 0.6
51	31.5	27.0 40.6
120	21.0	16.2 24.4





#23

Nitrobenzene-d5

Concen: 80.524 ng

RT: 9.28 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB120423BS

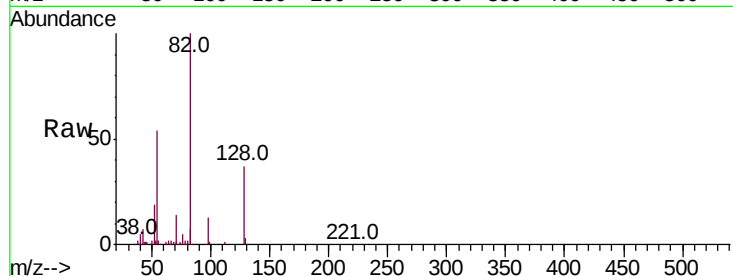
Tot Ion: 82 Resp: 284808

Ion Ratio Lower Upper

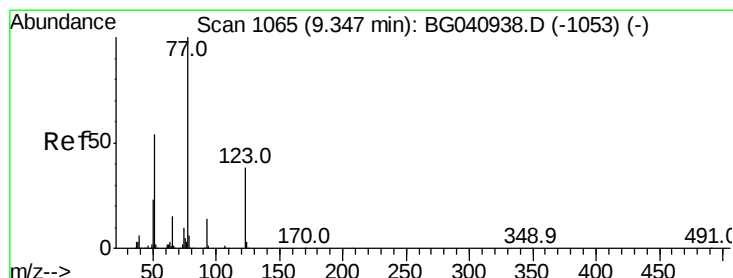
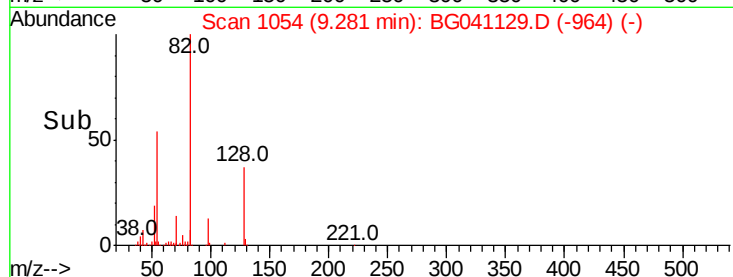
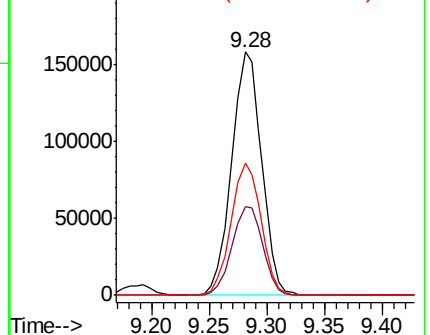
82 100

128 36.6 30.5 45.7

54 54.3 44.6 66.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 45.616 ng

RT: 9.32 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

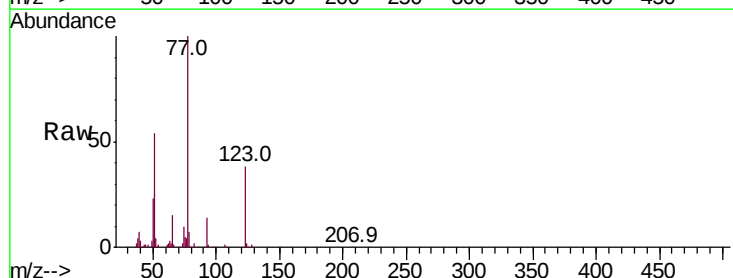
Tgt Ion: 77 Resp: 164420

Ion Ratio Lower Upper

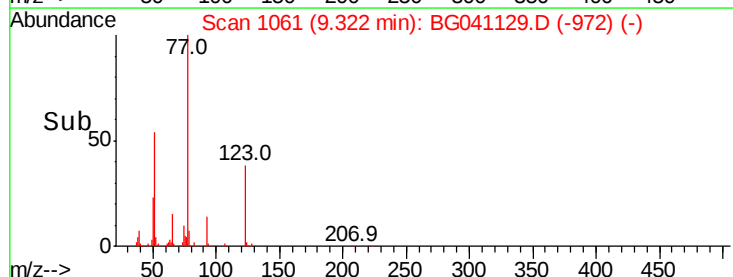
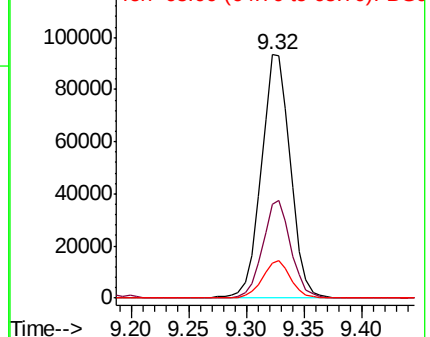
77 100

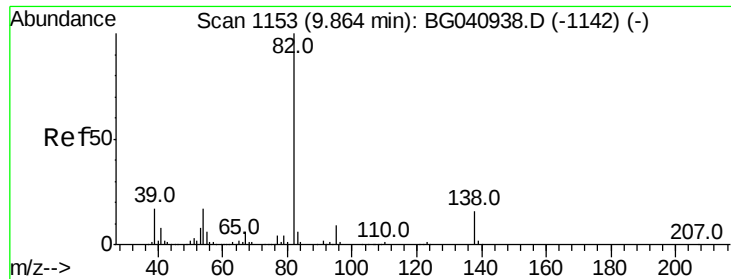
123 38.4 30.6 46.0

65 14.6 12.3 18.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 44.924 ng

RT: 9.84 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB120423BS

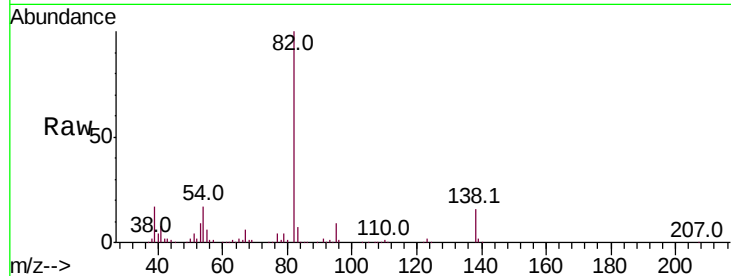
Tot Ion: 82 Resp: 302388

Ion Ratio Lower Upper

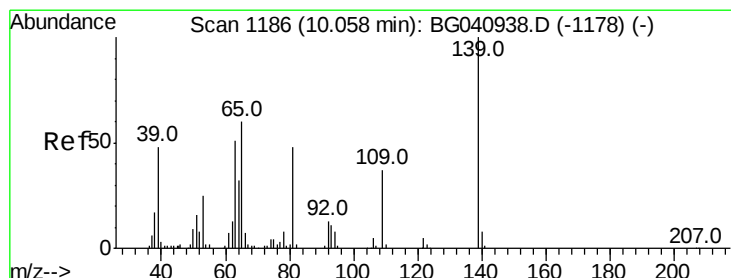
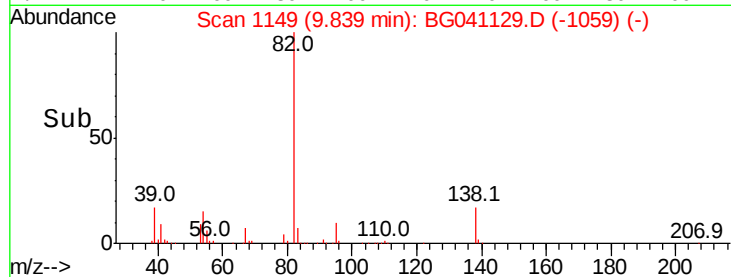
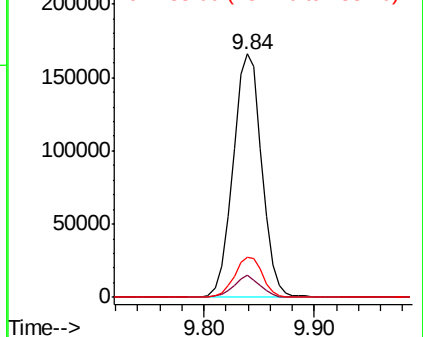
82 100

95 9.0 7.0 10.4

138 16.2 12.6 19.0



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



#26

2-Nitrophenol

Concen: 49.891 ng

RT: 10.03 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

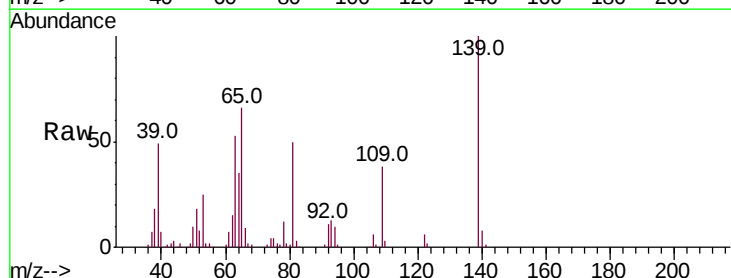
Tgt Ion: 139 Resp: 74135

Ion Ratio Lower Upper

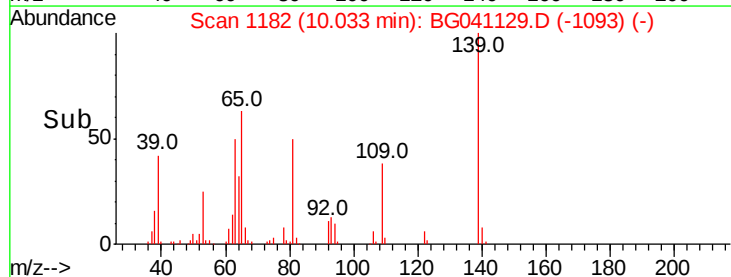
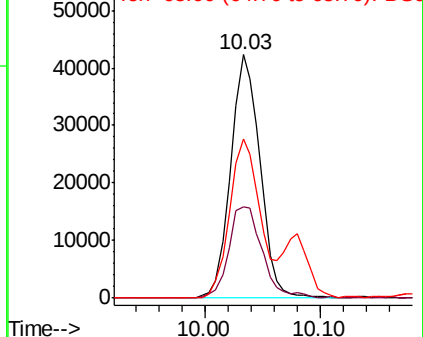
139 100

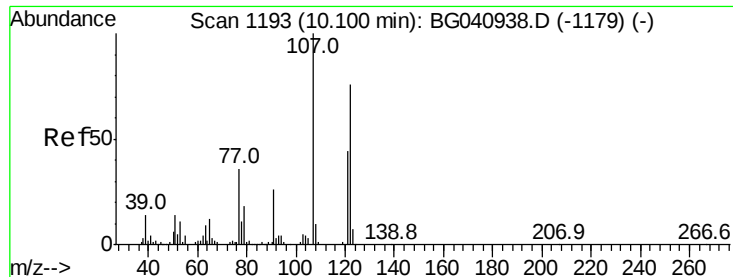
109 37.6 29.8 44.6

65 65.5 47.8 71.6



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: 53.151 ng

RT: 10.08 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

Instrument :

BNA_G

ClientSampled :

PB120423BS

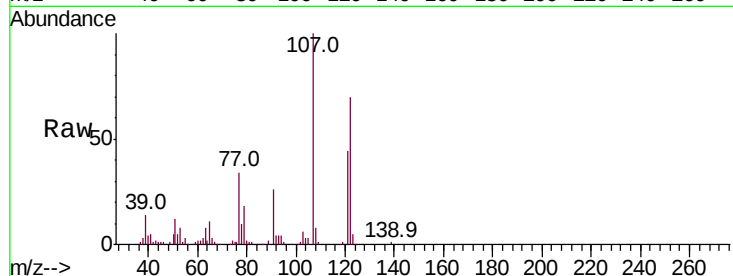
Tot Ion:122 Resp: 130439

Ion Ratio Lower Upper

122 100

107 142.3 105.9 158.9

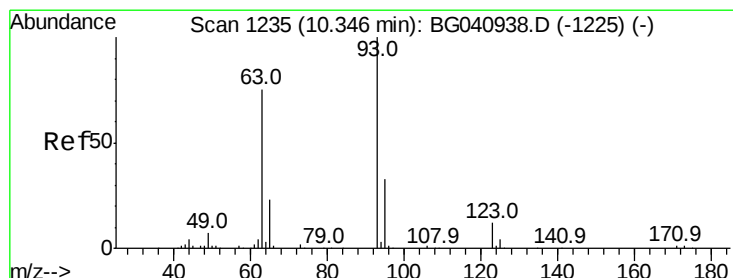
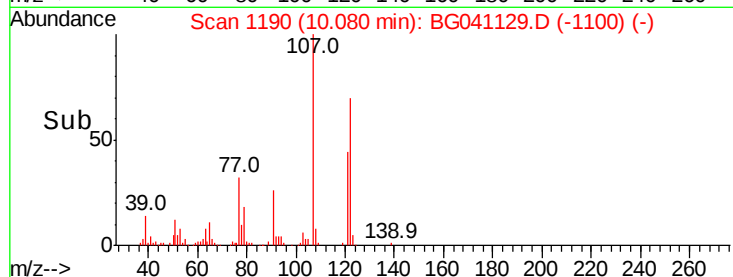
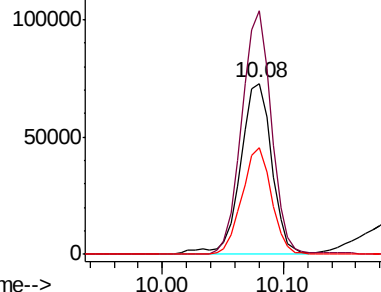
121 62.1 46.2 69.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.704 ng

RT: 10.32 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

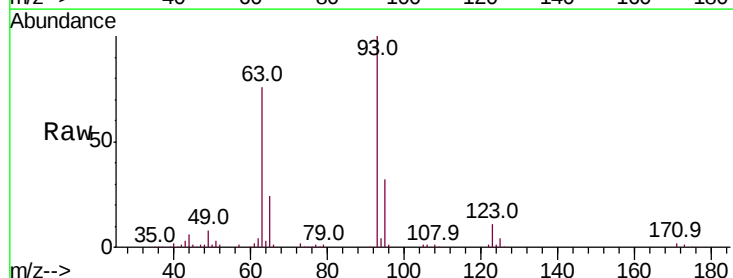
Tgt Ion: 93 Resp: 158772

Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.2

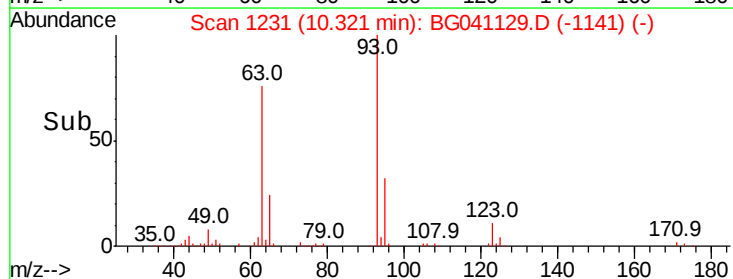
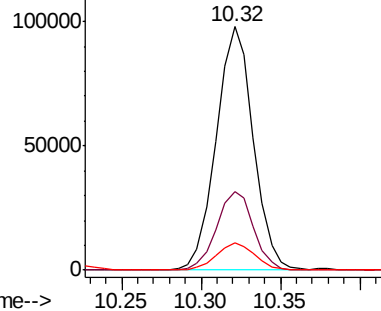
123 11.5 9.5 14.3

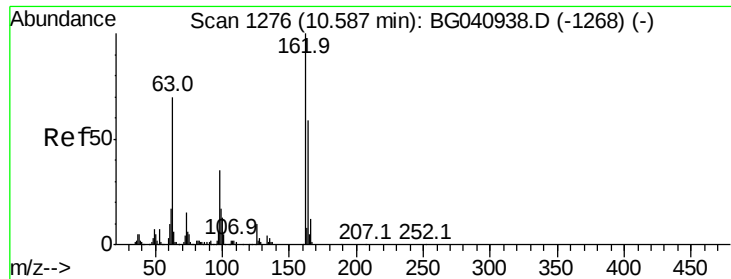


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

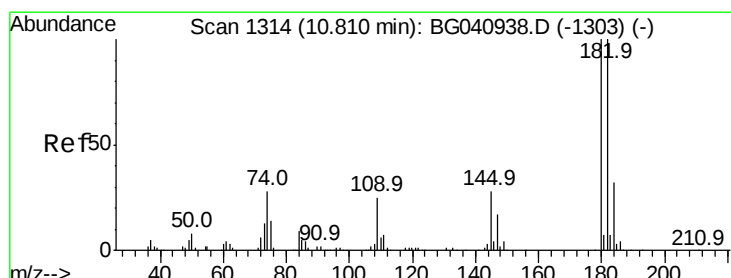
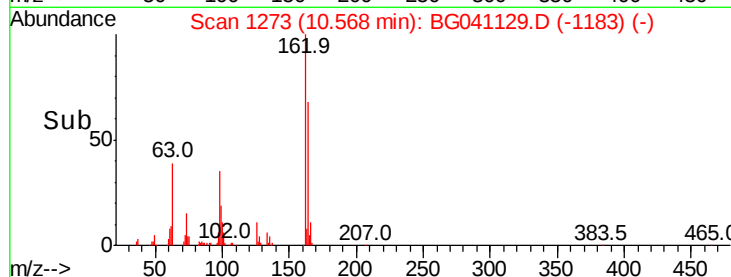
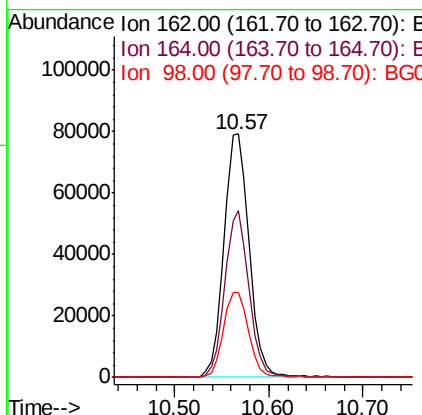
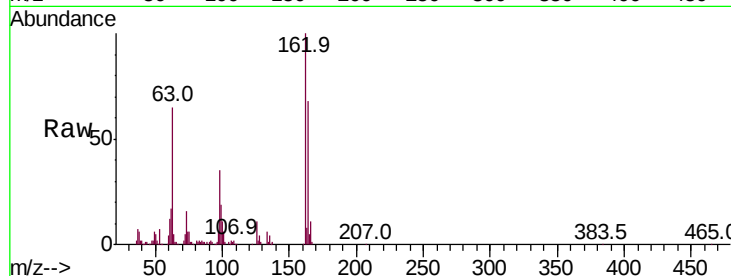




#29
2,4-Dichlorophenol
Concen: 47.375 ng
RT: 10.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BG041129.D
Acq: 8 Jun 2019 12:20

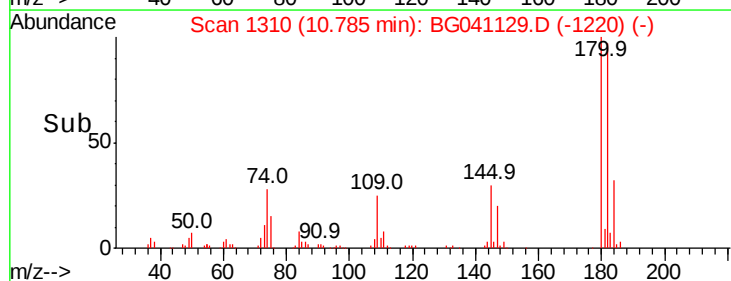
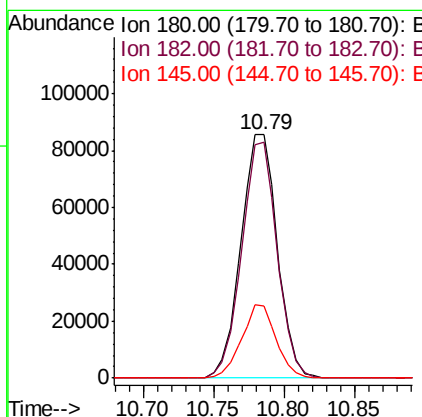
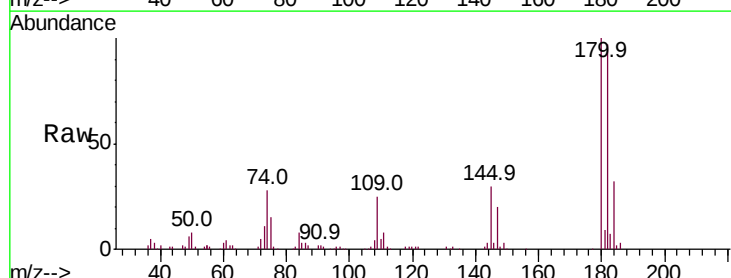
Instrument :
BNA_G
ClientSampleId :
PB120423BS

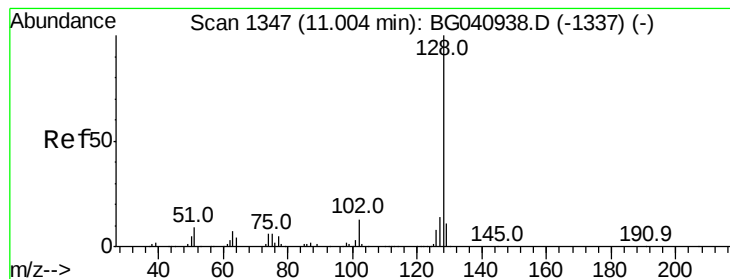
Tot Ion:162 Resp: 147641
Ion Ratio Lower Upper
162 100
164 68.5 39.4 79.4
98 34.9 15.3 55.3



#30
1,2,4-Trichlorobenzene
Concen: 43.535 ng
RT: 10.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BG041129.D
Acq: 8 Jun 2019 12:20

Tgt Ion:180 Resp: 154340
Ion Ratio Lower Upper
180 100
182 97.0 79.7 119.5
145 29.8 22.6 34.0





#31

Naphthalene

Concen: 45.588 ng

RT: 10.98 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB120423BS

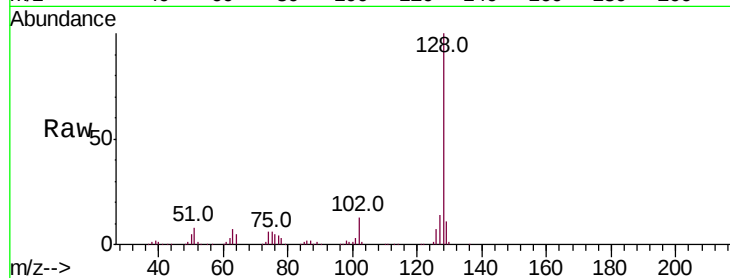
Tot Ion:128 Resp: 384324

Ion Ratio Lower Upper

128 100

129 11.5 8.5 12.7

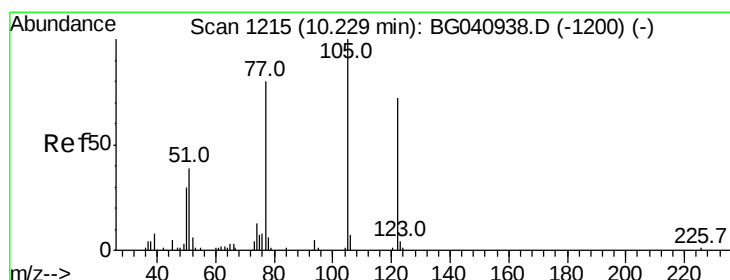
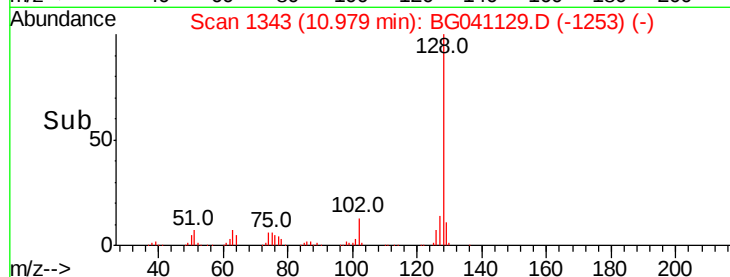
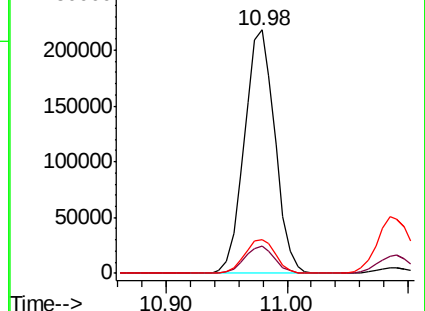
127 13.6 11.4 17.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 46.074 ng

RT: 10.23 min Scan# 1215

Delta R.T. 0.01 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

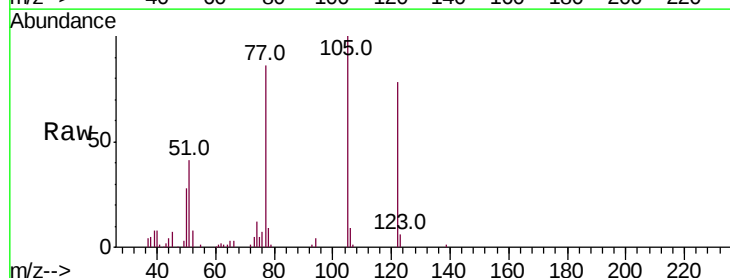
Tgt Ion:122 Resp: 87171

Ion Ratio Lower Upper

122 100

105 127.7 114.8 154.8

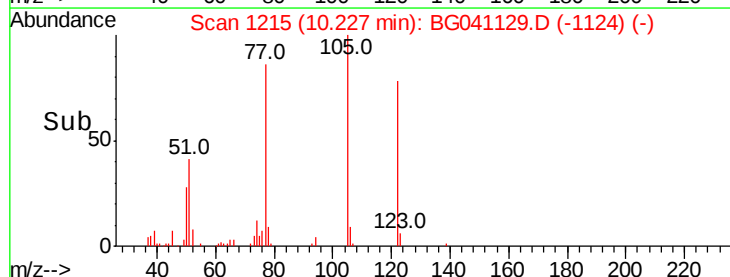
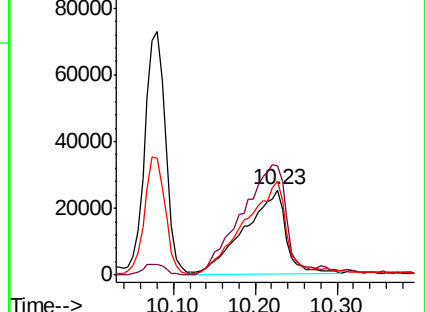
77 110.2 89.9 129.9

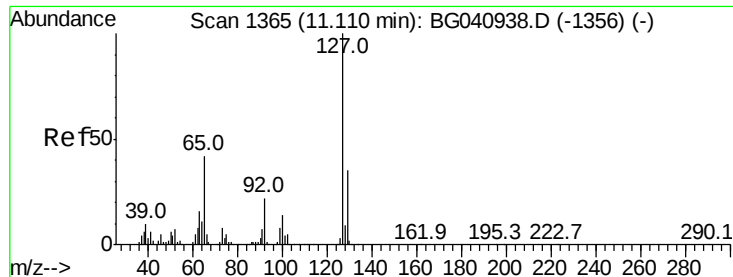


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

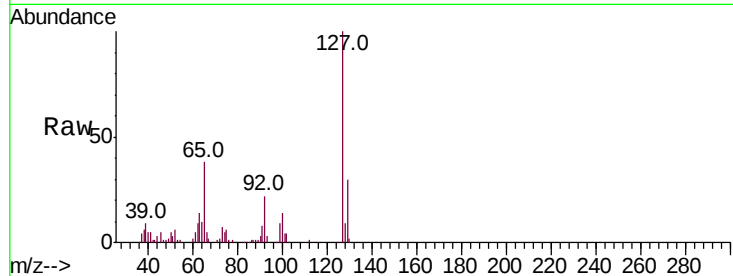




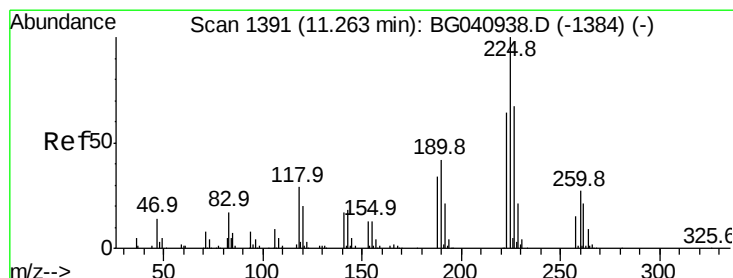
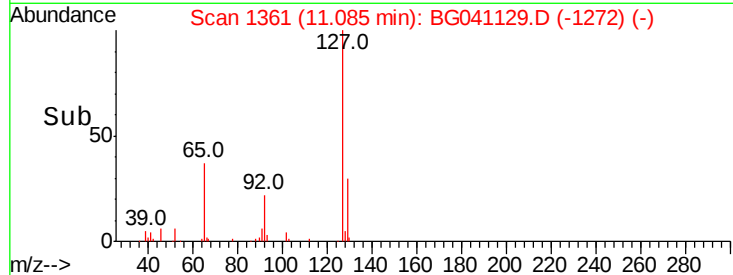
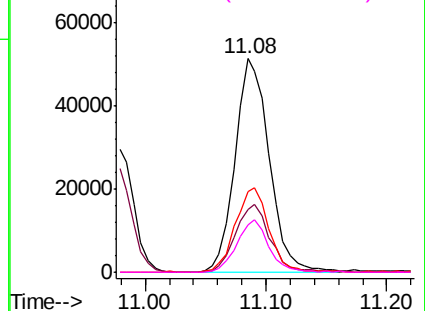
#33
4-Chloroaniline
Concen: 25.935 ng
RT: 11.08 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BG041129.D
Acq: 8 Jun 2019 12:20

Instrument :
BNA_G
ClientSampleId :
PB120423BS

Tot Ion:	127	Resp:	101448
Ion	Ratio	Lower	Upper
127	100		
129	29.7	27.7	41.5
65	38.0	33.2	49.8
92	22.1	17.2	25.8

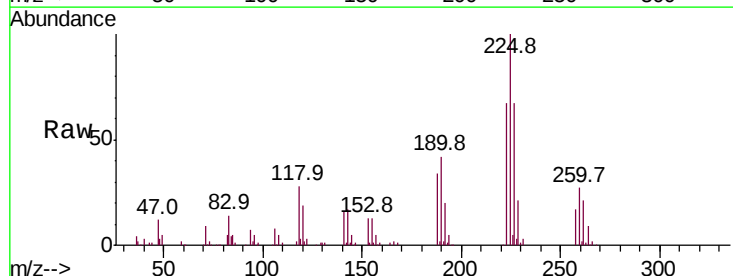


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

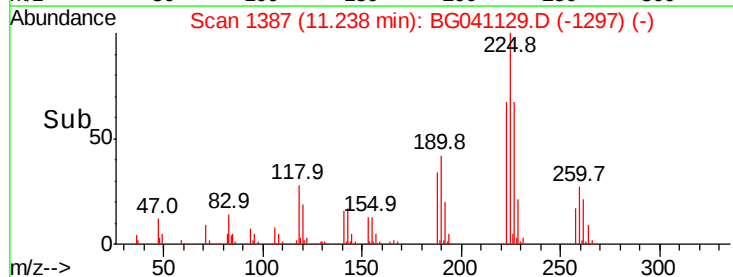
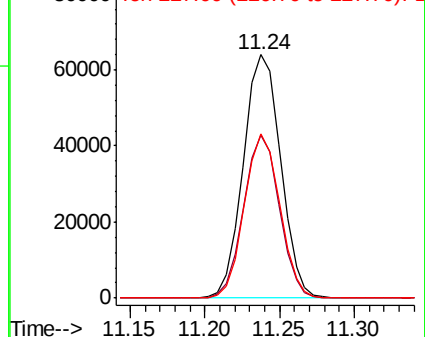


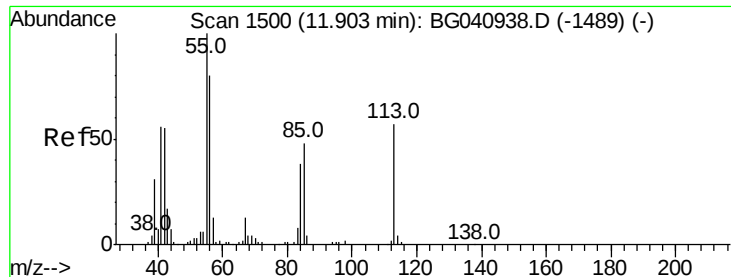
#34
Hexachlorobutadiene
Concen: 40.952 ng
RT: 11.24 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BG041129.D
Acq: 8 Jun 2019 12:20

Tgt Ion:	225	Resp:	111087
Ion	Ratio	Lower	Upper
225	100		
223	67.1	48.8	73.2
227	67.3	51.4	77.0



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





#35

Caprolactam

Concen: 48.896 ng/mL

RT: 11.87 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

Instrument :

BNA_G

ClientSampleID :

PB120423BS

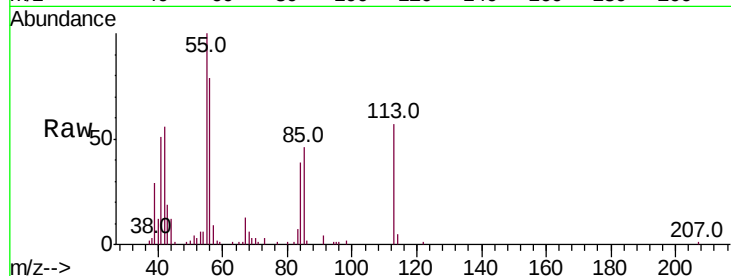
Tot Ion:113 Resp: 50320

Ion Ratio Lower Upper

113 100

55 176.4 155.9 195.9

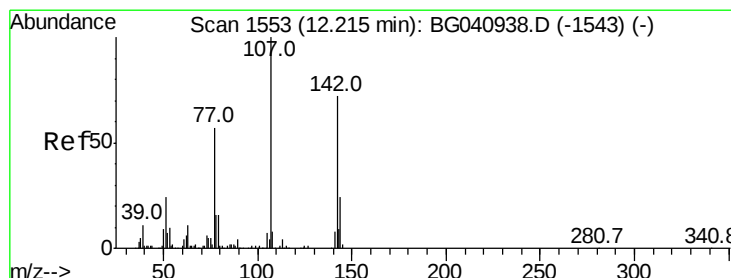
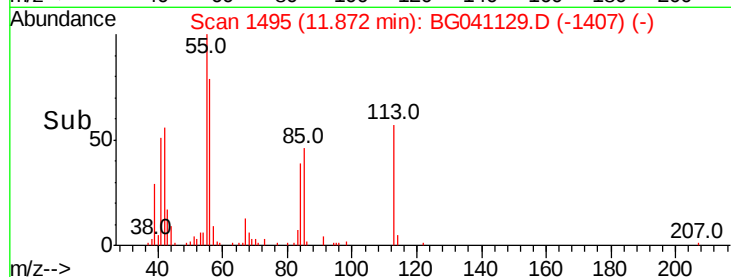
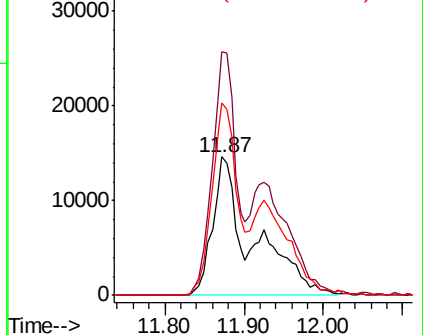
56 139.9 119.9 159.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG041129.D (-1489) (-)

Ion 56.00 (55.70 to 56.70): BG041129.D (-1489) (-)



#36

4-Chloro-3-methylphenol

Concen: 48.796 ng/mL

RT: 12.19 min Scan# 1549

Delta R.T. 0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

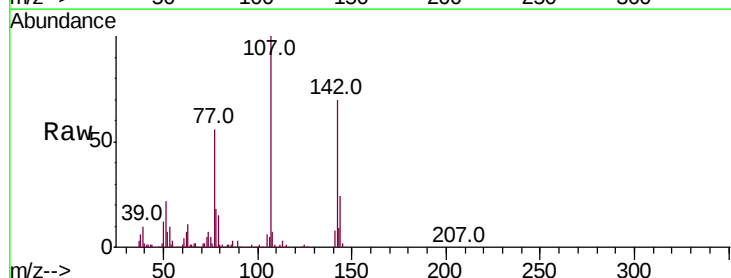
Tgt Ion:107 Resp: 173673

Ion Ratio Lower Upper

107 100

144 23.6 19.4 29.0

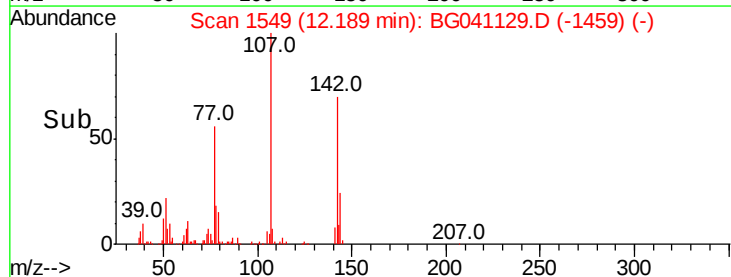
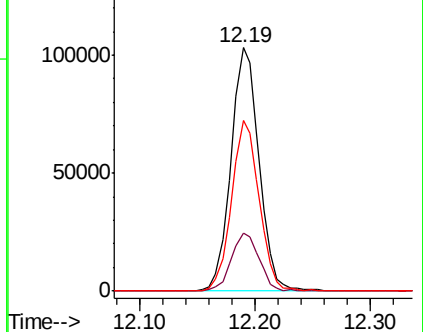
142 69.9 57.3 85.9

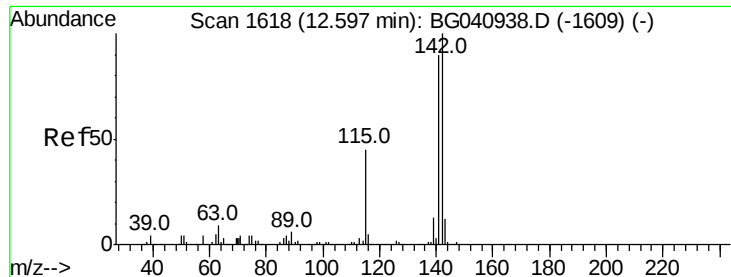


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

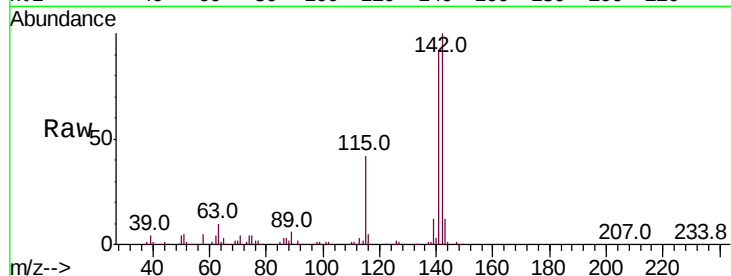




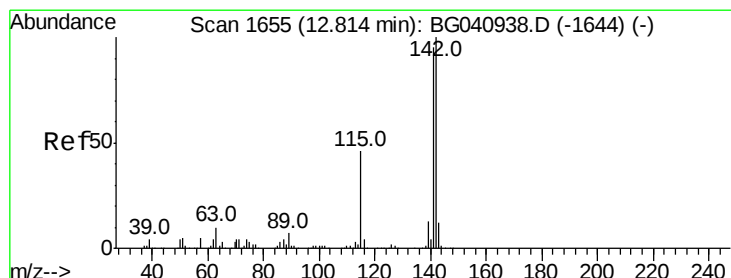
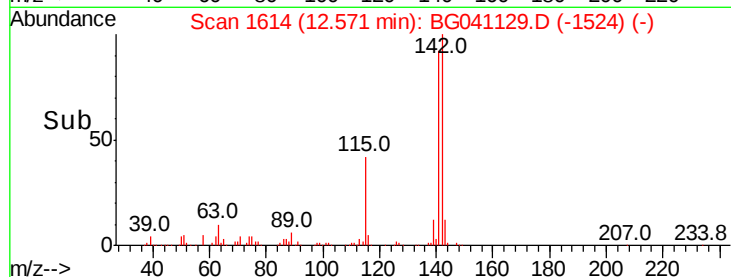
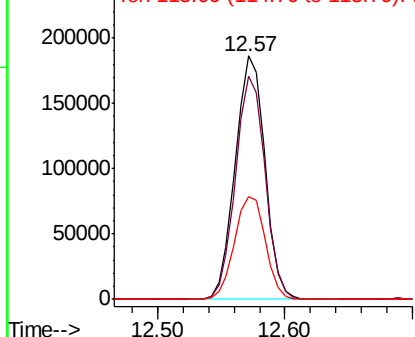
#37
2-Methylnaphthalene
Concen: 46.502 ng
RT: 12.57 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BG041129.D
Acq: 8 Jun 2019 12:20

Instrument :
BNA_G
ClientSampleId :
PB120423BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.2	108.4
115	42.1	36.2	54.4

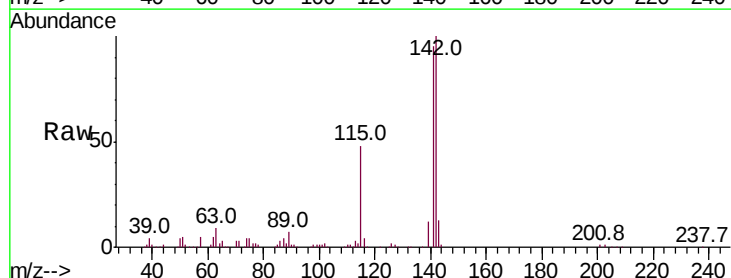


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

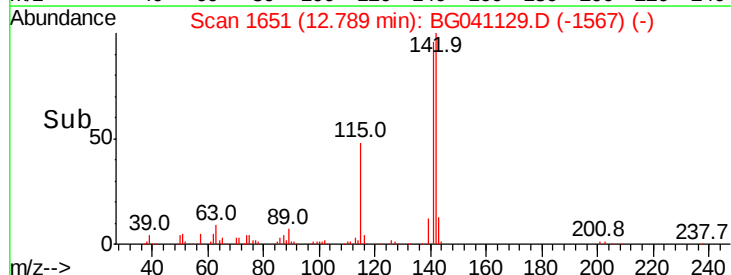
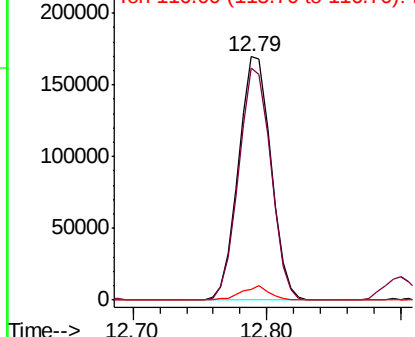


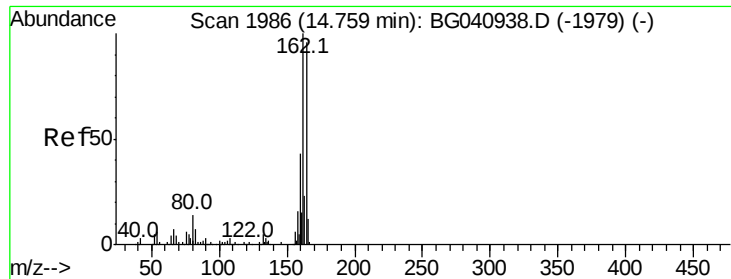
#38
1-Methylnaphthalene
Concen: 46.818 ng
RT: 12.79 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BG041129.D
Acq: 8 Jun 2019 12:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.5	75.7	113.5
116	4.4	3.4	5.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

Instrument :

BNA_G

ClientSampled :

PB120423BS

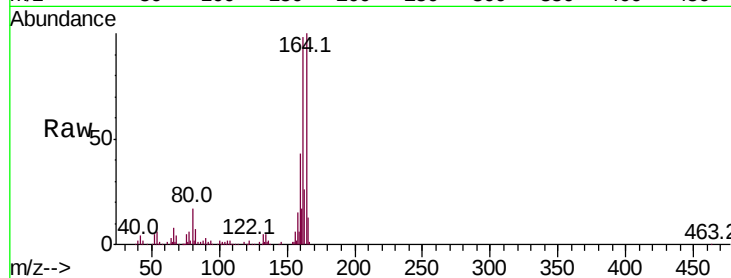
Tot Ion:164 Resp: 122901

Ion Ratio Lower Upper

164 100

162 97.9 83.0 124.4

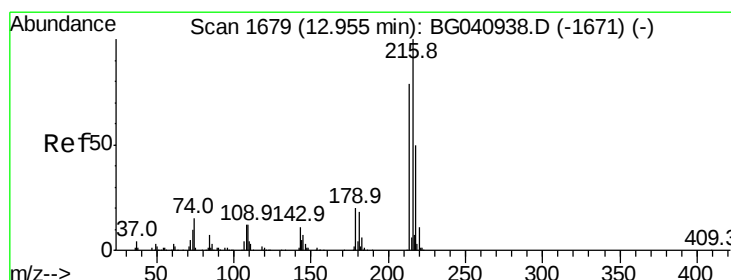
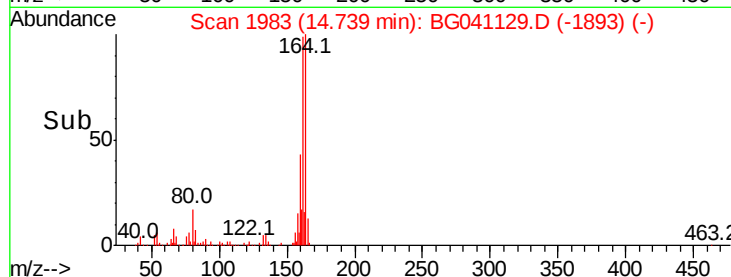
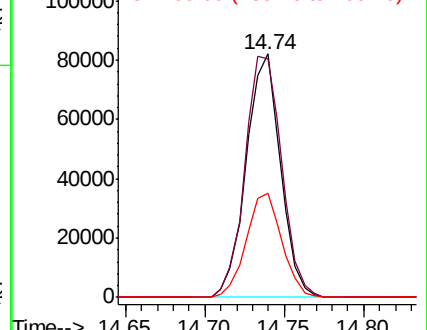
160 42.7 35.6 53.4



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: 44.162 ng

RT: 12.94 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

Tgt Ion:216 Resp: 218761

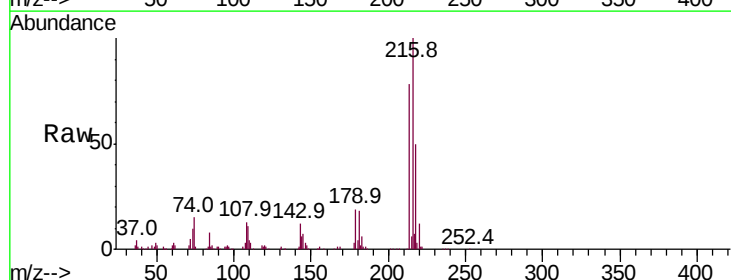
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.2

179 19.2 15.2 22.8

108 16.4 11.4 17.2

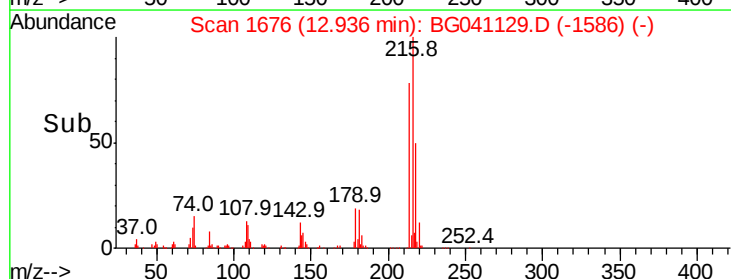
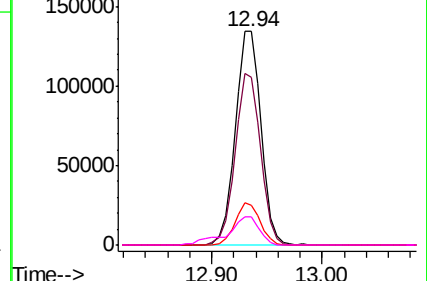


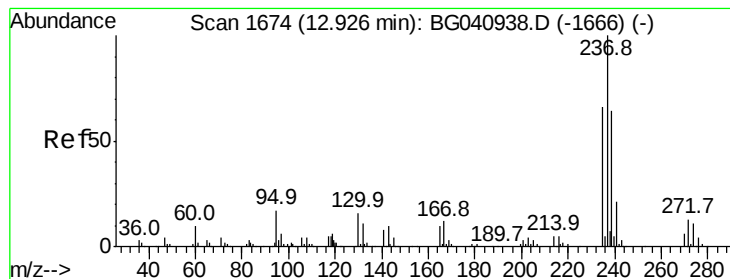
Abundance Ion 216.00 (215.70 to 216.70): E

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: 99.233 ng

RT: 12.90 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB120423BS

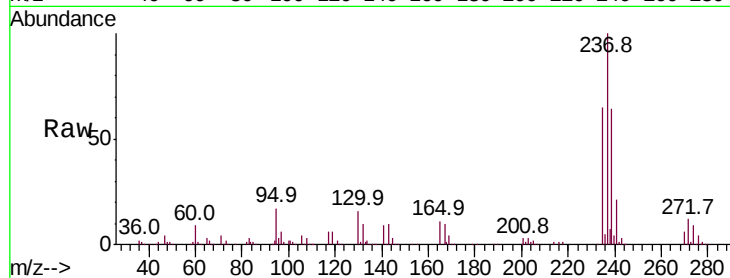
Tot Ion:237 Resp: 270113

Ion Ratio Lower Upper

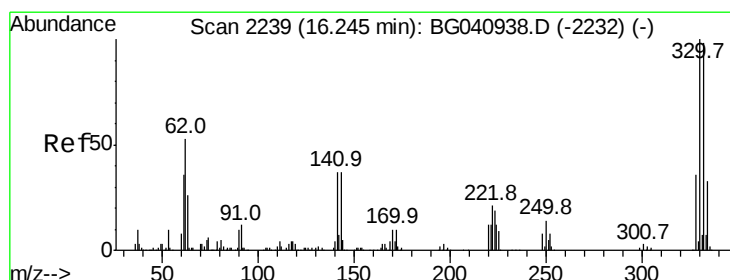
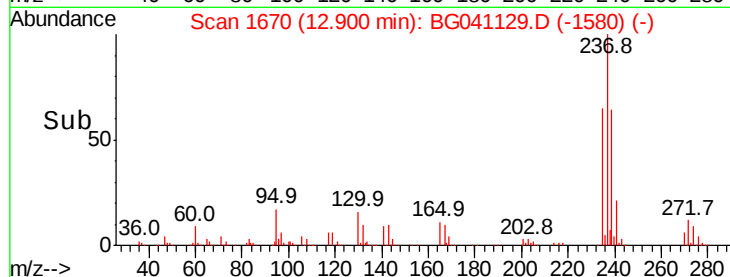
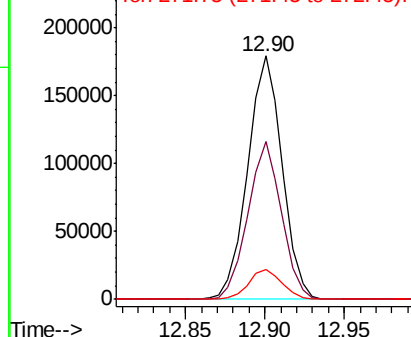
237 100

235 65.1 45.5 85.5

272 12.3 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: 134.658 ng

RT: 16.23 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

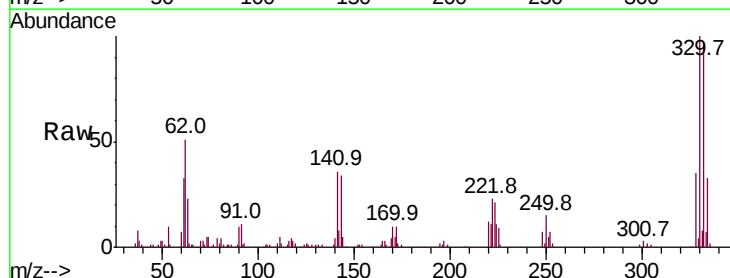
Tgt Ion:330 Resp: 245691

Ion Ratio Lower Upper

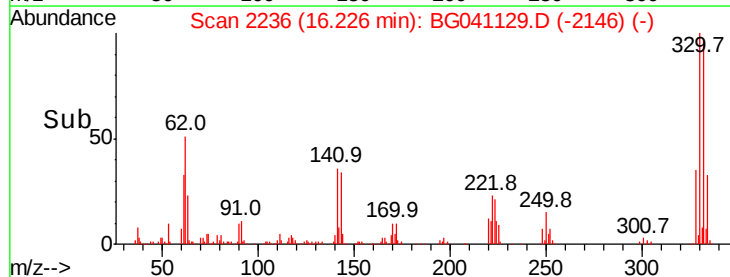
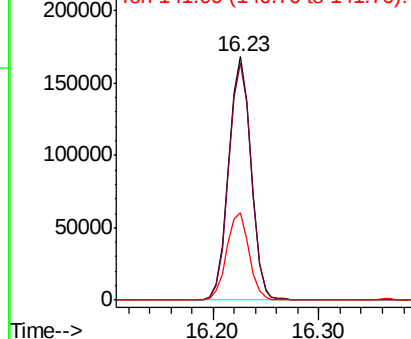
330 100

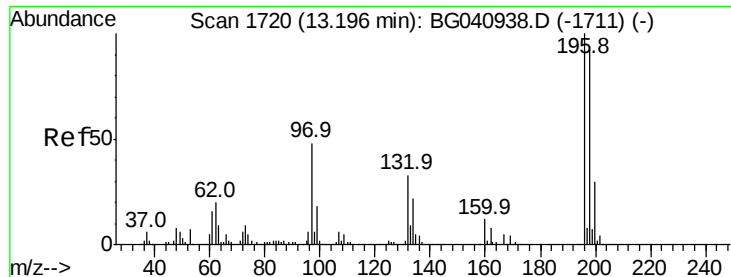
332 97.8 78.5 117.7

141 36.0 28.7 43.1



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

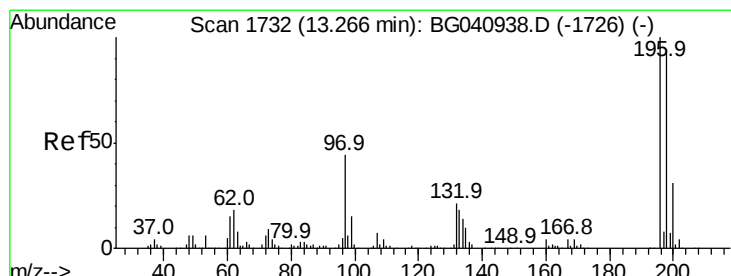
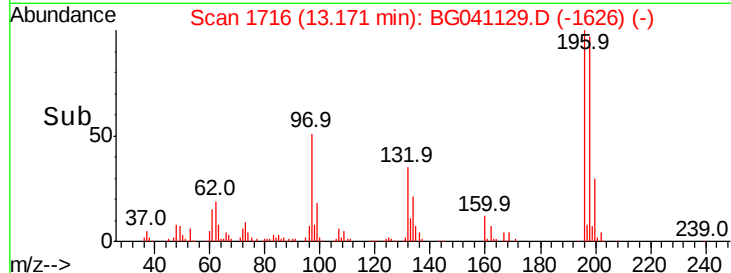
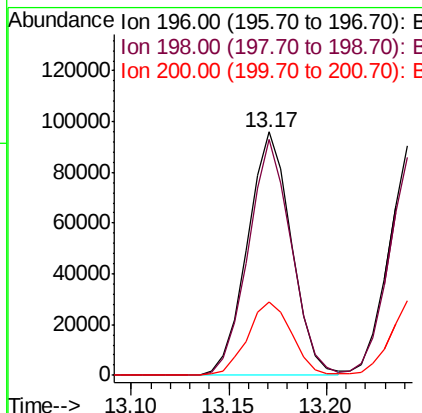
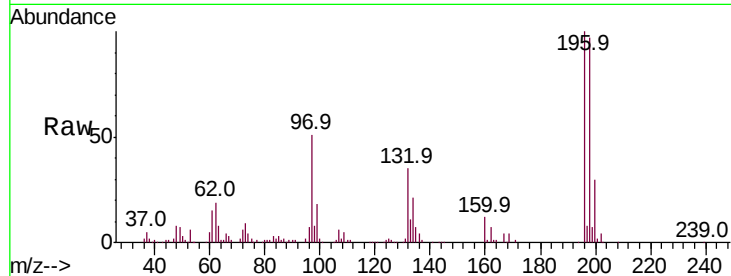




#43
 2,4,6-Trichlorophenol
 Concen: 46.466 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG041129.D
 Acq: 8 Jun 2019 12:20

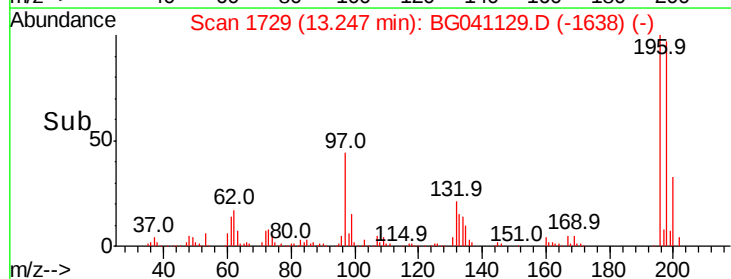
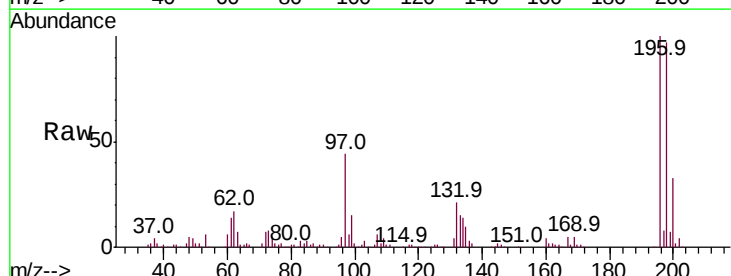
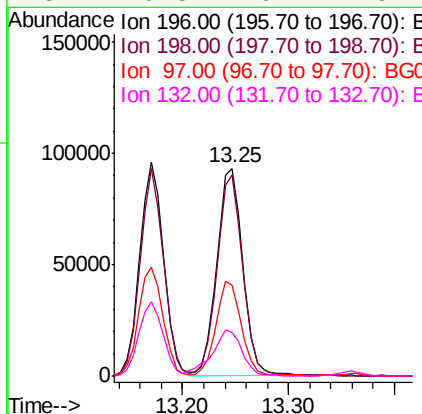
Instrument :
 BNA_G
 ClientSampleId :
 PB120423BS

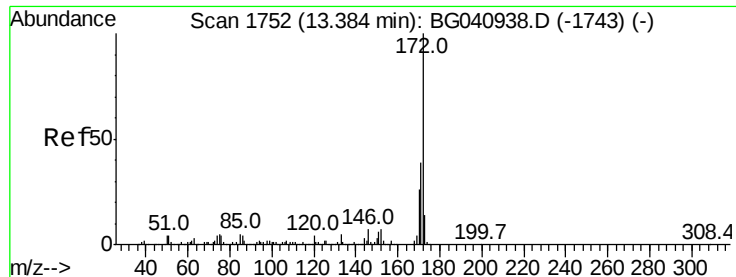
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.8	73.8	110.6
200	30.3	24.1	36.1



#44
 2,4,5-Trichlorophenol
 Concen: 47.405 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BG041129.D
 Acq: 8 Jun 2019 12:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	75.1	112.7
97	43.9	35.6	53.4
132	20.8	16.7	25.1

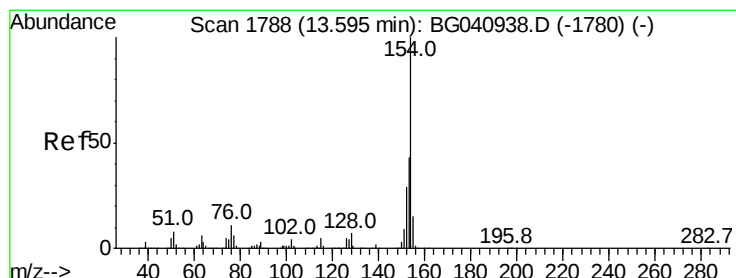
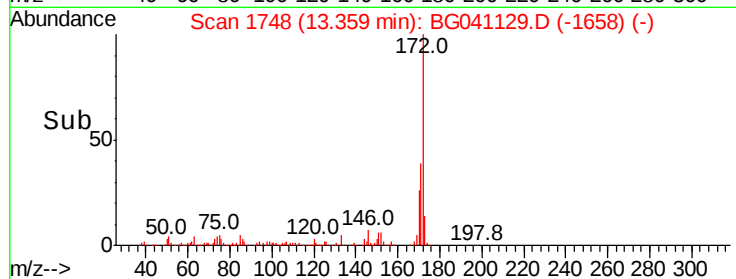
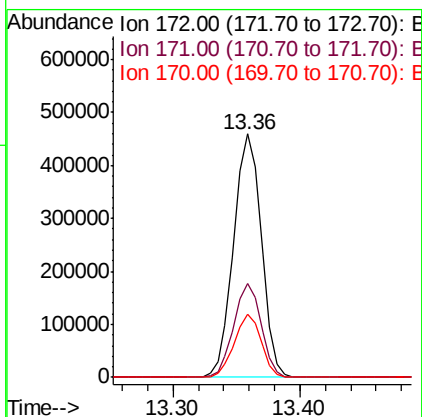
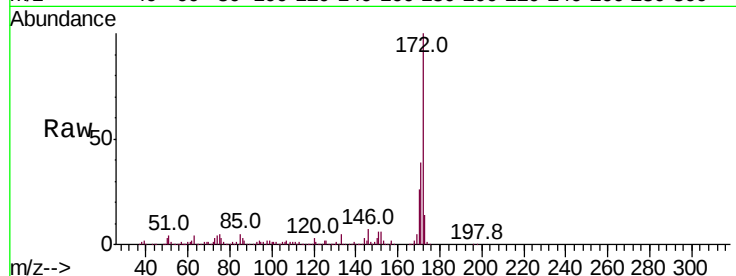




#45
2-Fluorobiphenyl
Concen: 81.437 ng
RT: 13.36 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG041129.D
Acq: 8 Jun 2019 12:20

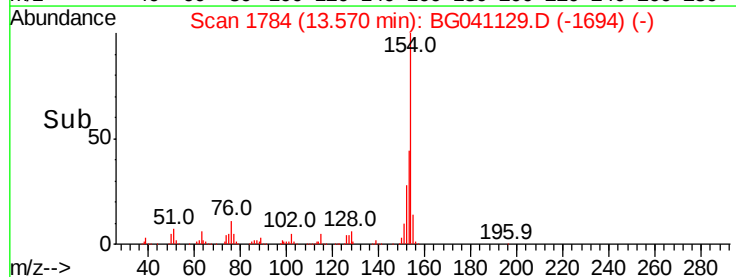
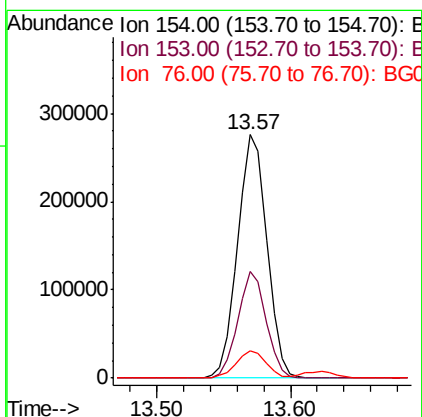
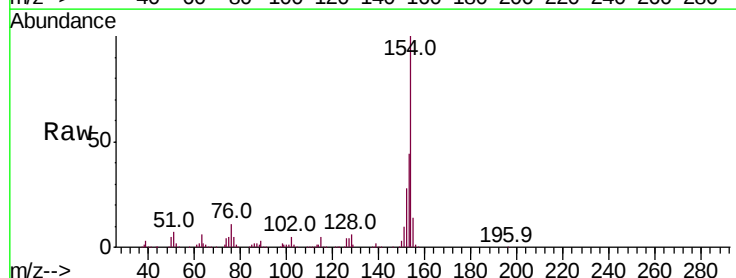
Instrument :
BNA_G
ClientSampleId :
PB120423BS

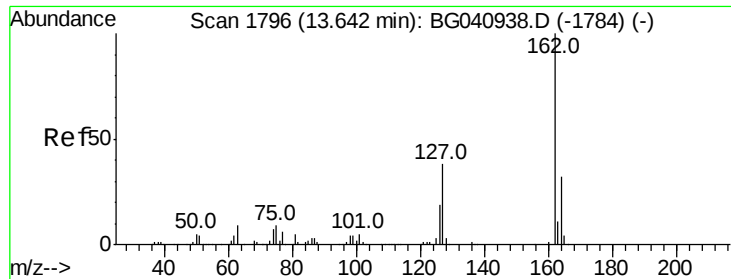
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.1	46.7
170	25.8	20.5	30.7



#46
1,1'-Biphenyl
Concen: 46.056 ng
RT: 13.57 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BG041129.D
Acq: 8 Jun 2019 12:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.9	23.3	63.3
76	11.1	0.0	31.1

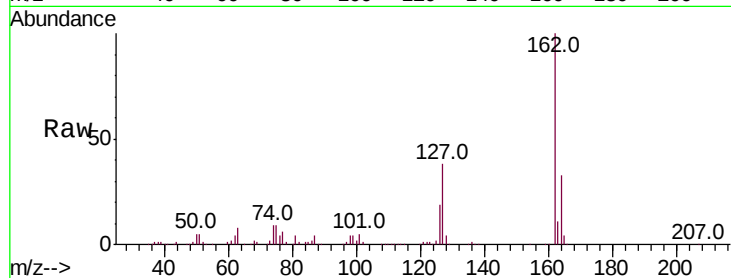




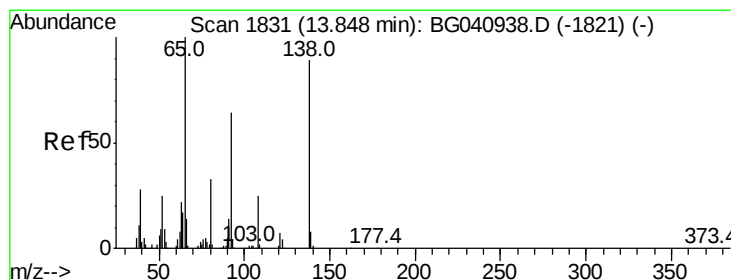
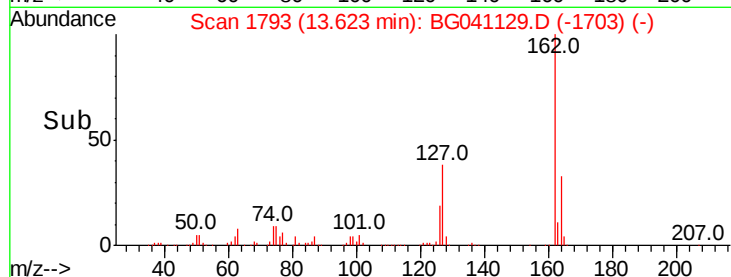
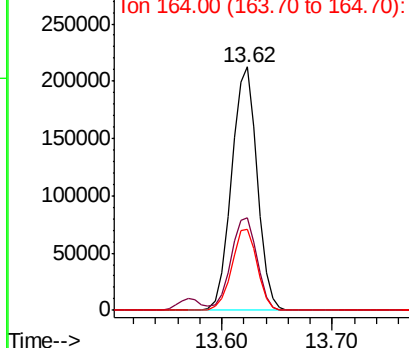
#47
2-Chloronaphthalene
Concen: 44.046 ng
RT: 13.62 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BG041129.D
Acq: 8 Jun 2019 12:20

Instrument :
BNA_G
ClientSampleId :
PB120423BS

Tot Ion:162 Resp: 343995
Ion Ratio Lower Upper
162 100
127 37.9 30.5 45.7
164 33.4 25.8 38.6

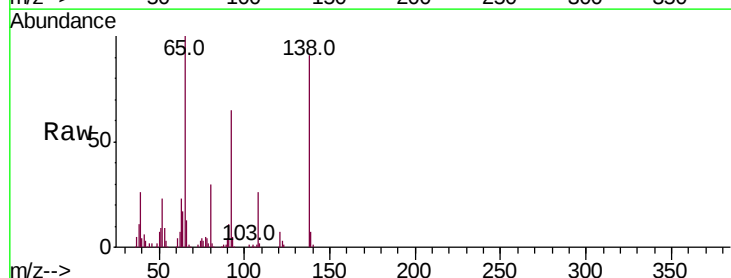


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

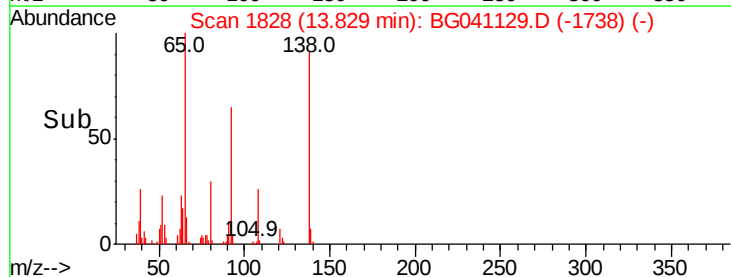
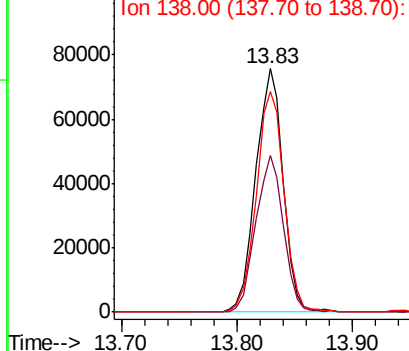


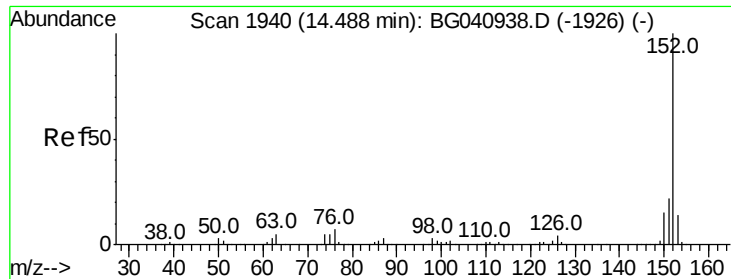
#48
2-Nitroaniline
Concen: 44.628 ng
RT: 13.83 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BG041129.D
Acq: 8 Jun 2019 12:20

Tgt Ion: 65 Resp: 125038
Ion Ratio Lower Upper
65 100
92 64.5 51.0 76.6
138 90.8 71.2 106.8



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: 46.807 ng

RT: 14.46 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB120423BS

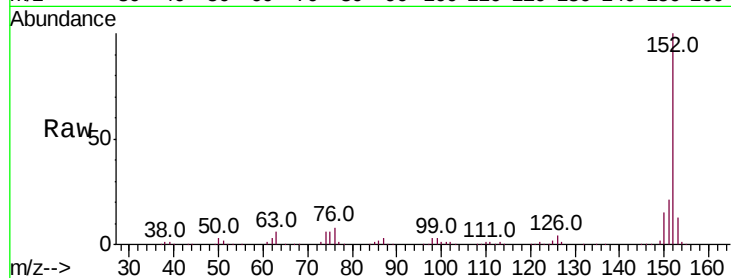
Tot Ion:152 Resp: 550193

Ion Ratio Lower Upper

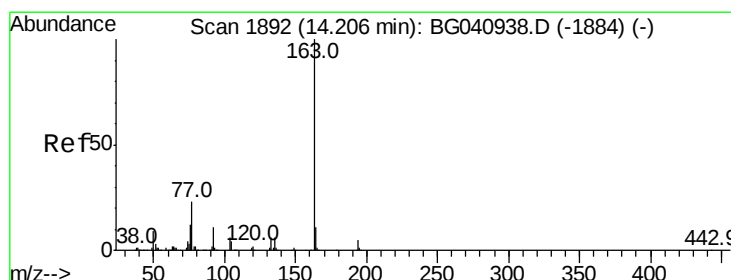
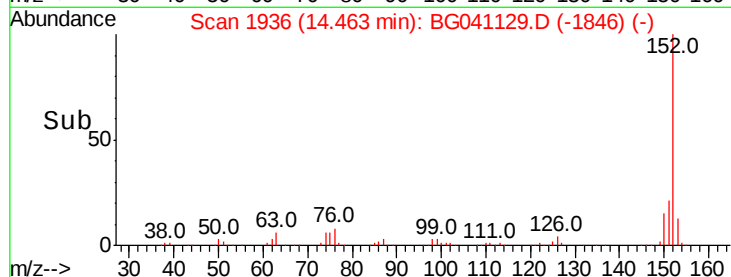
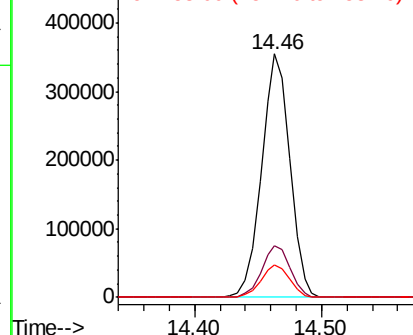
152 100

151 21.3 17.4 26.0

153 13.2 11.0 16.4



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: 45.125 ng

RT: 14.19 min Scan# 1889

Delta R.T. 0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

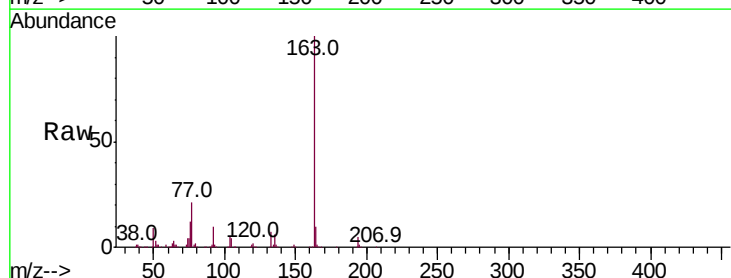
Tgt Ion:163 Resp: 469462

Ion Ratio Lower Upper

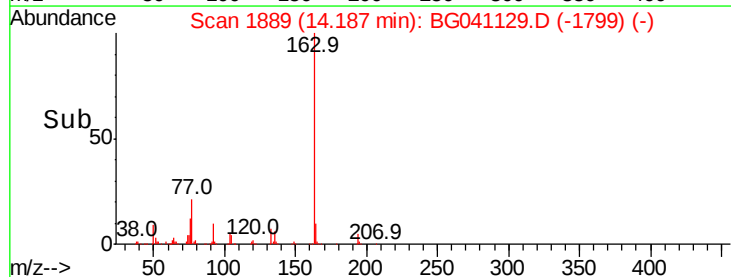
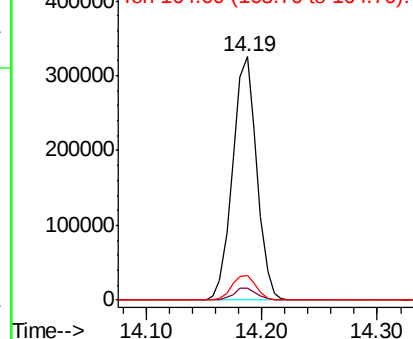
163 100

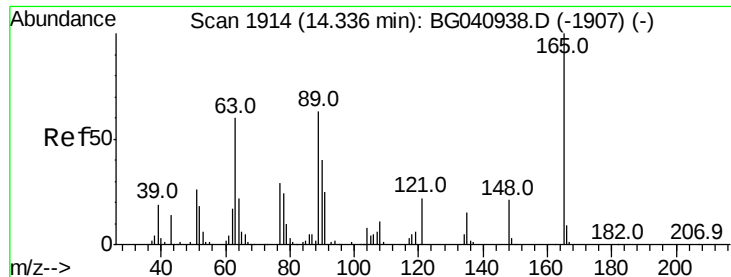
194 4.9 3.8 5.8

164 10.3 8.7 13.1



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

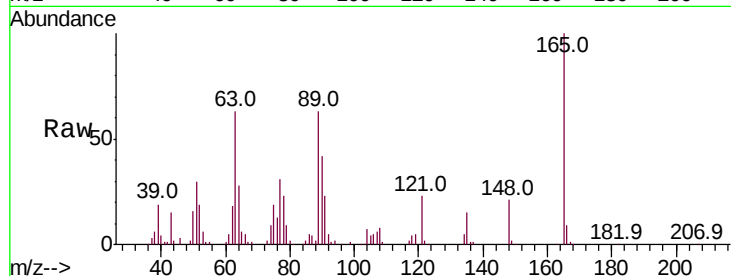




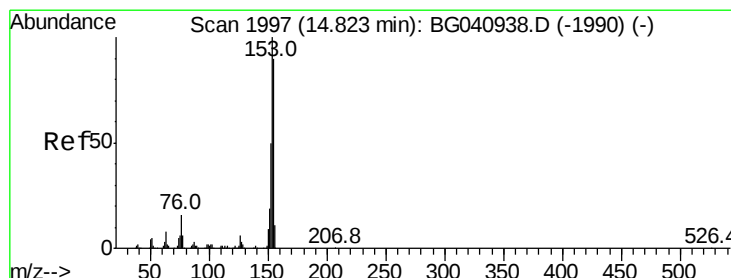
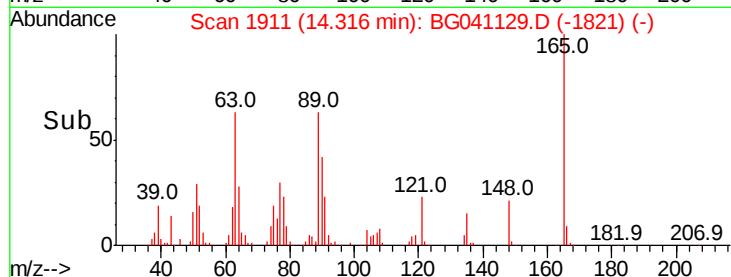
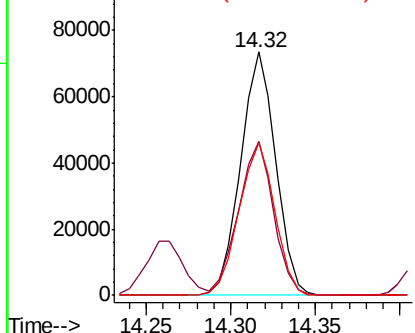
#51
 2,6-Dinitrotoluene
 Concen: 47.205 ng
 RT: 14.32 min Scan# 1911
 Delta R.T. 0.00 min
 Lab File: BG041129.D
 Acq: 8 Jun 2019 12:20

Instrument :
 BNA_G
 ClientSampleId :
 PB120423BS

Tot Ion:	165	Resp:	105886
Ion	Ratio	Lower	Upper
165	100		
63	63.1	53.6	80.4
89	62.6	50.4	75.6

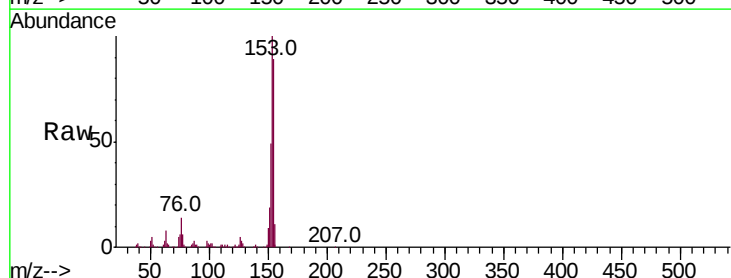


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

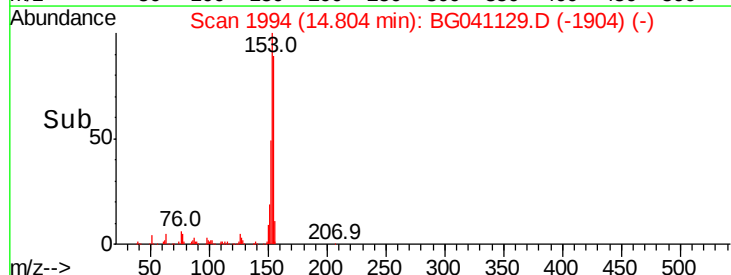
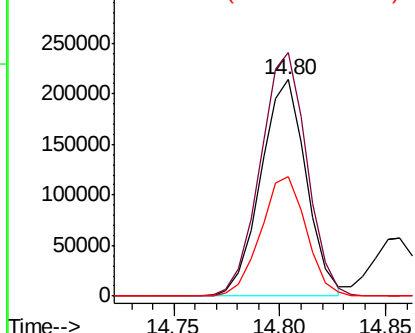


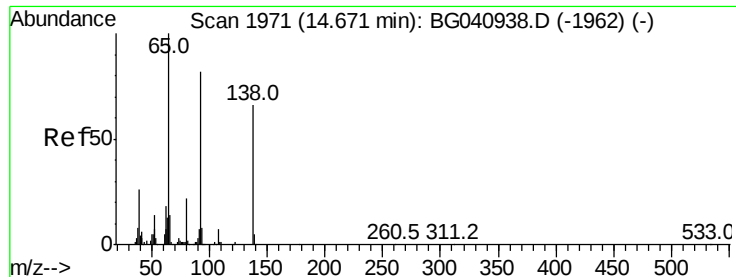
#52
 Acenaphthene
 Concen: 44.856 ng
 RT: 14.80 min Scan# 1994
 Delta R.T. 0.00 min
 Lab File: BG041129.D
 Acq: 8 Jun 2019 12:20

Tgt Ion:	154	Resp:	319406
Ion	Ratio	Lower	Upper
154	100		
153	112.4	88.6	133.0
152	55.4	44.2	66.4



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: 33.428 ng

RT: 14.65 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB120423BS

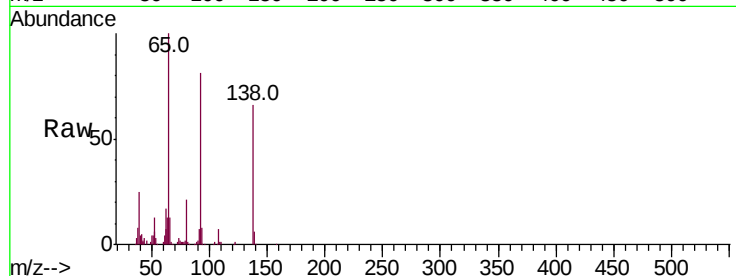
Tot Ion:138 Resp: 74981

Ion Ratio Lower Upper

138 100

108 10.8 8.5 12.7

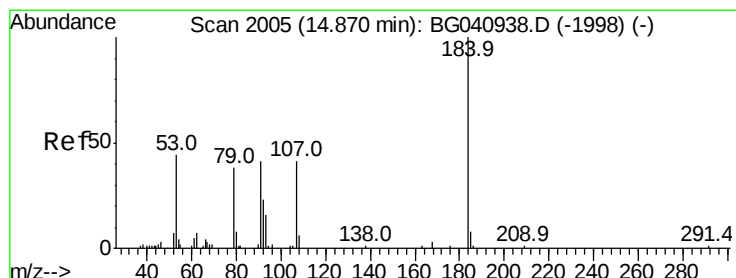
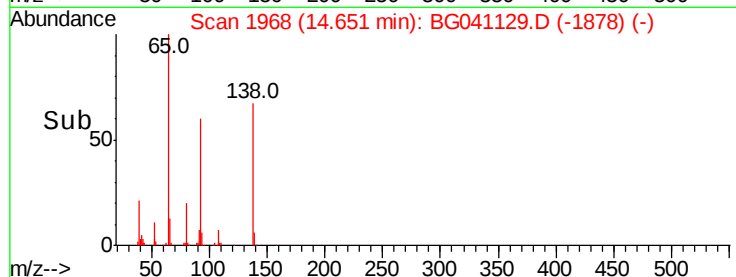
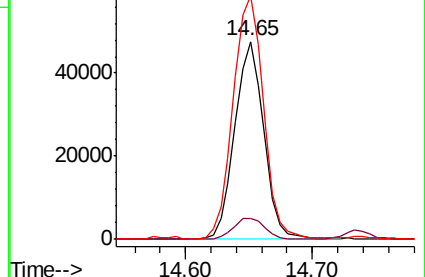
92 123.1 99.0 148.6



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: 106.470 ng

RT: 14.86 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

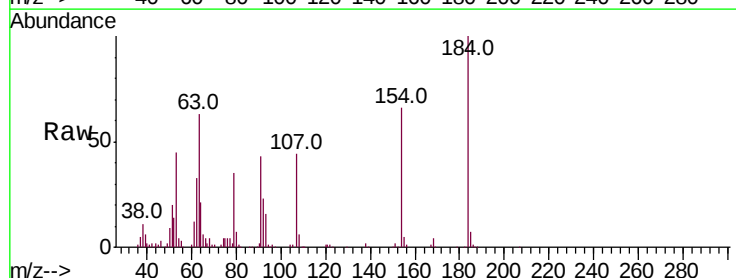
Tgt Ion:184 Resp: 141883

Ion Ratio Lower Upper

184 100

63 63.0 49.8 74.6

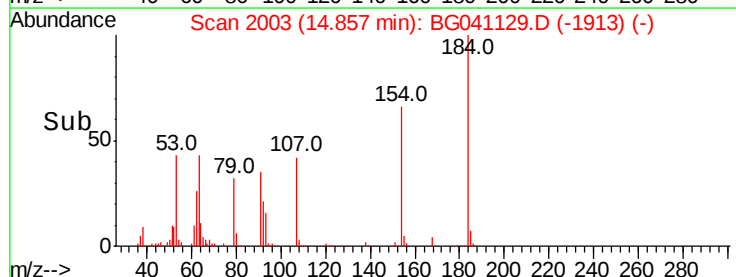
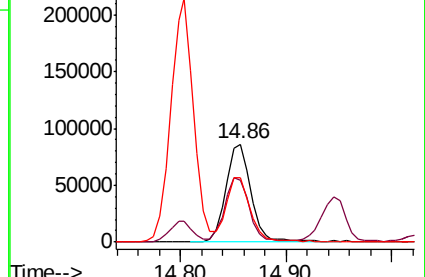
154 66.5 52.2 78.4

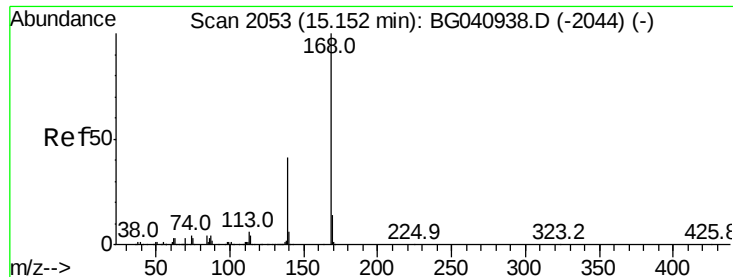


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

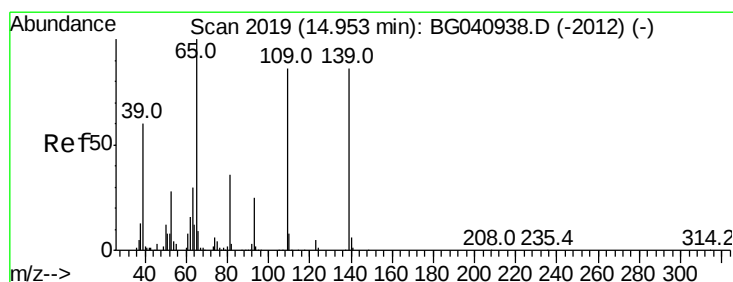
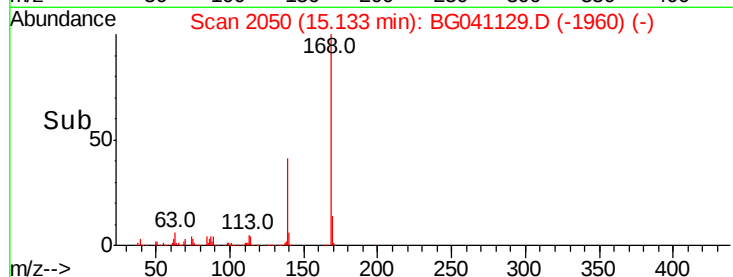
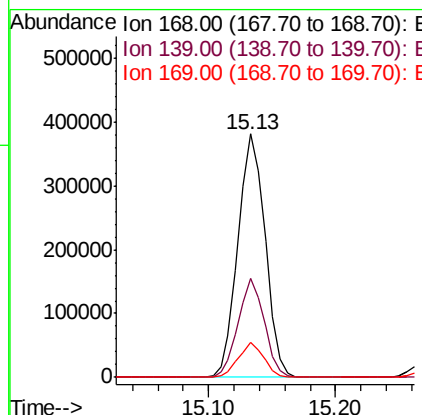
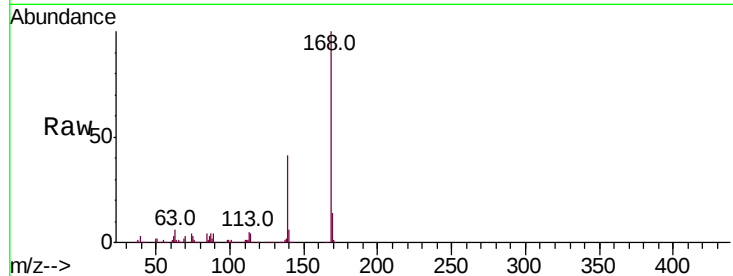




#55
Dibenzenofuran
Concen: 47.230 ng
RT: 15.13 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BG041129.D
Acq: 8 Jun 2019 12:20

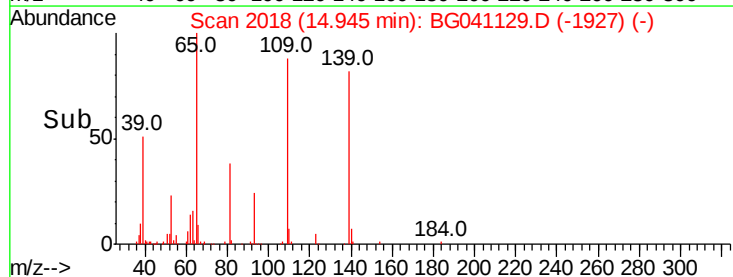
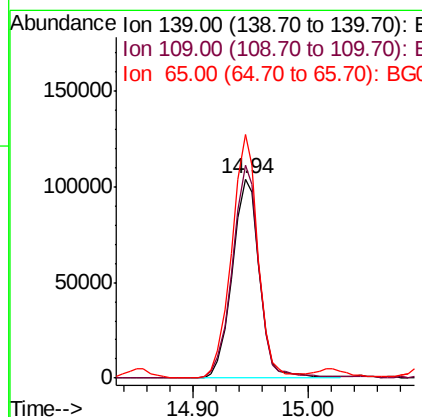
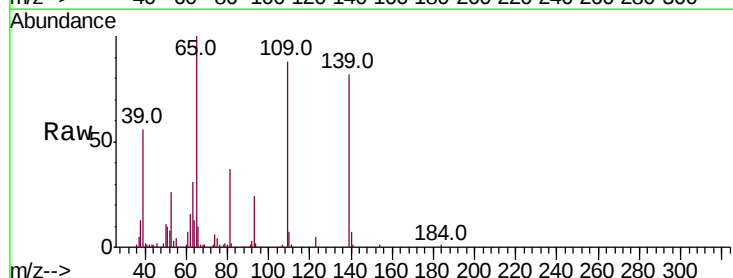
Instrument :
BNA_G
ClientSampleId :
PB120423BS

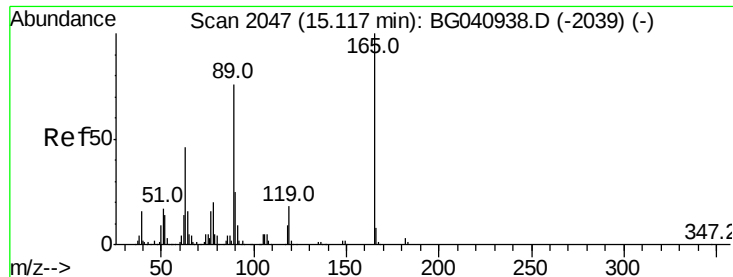
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.6	32.8	49.2
169	14.3	11.3	16.9



#56
4-Nitrophenol
Concen: 110.405 ng
RT: 14.94 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BG041129.D
Acq: 8 Jun 2019 12:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	107.3	79.6	119.6
65	122.5	96.9	136.9





#57

2,4-Dinitrotoluene

Concen: 48.998 ng

RT: 15.10 min Scan# 2044

Delta R.T. 0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB120423BS

Tot Ion:165 Resp: 155253

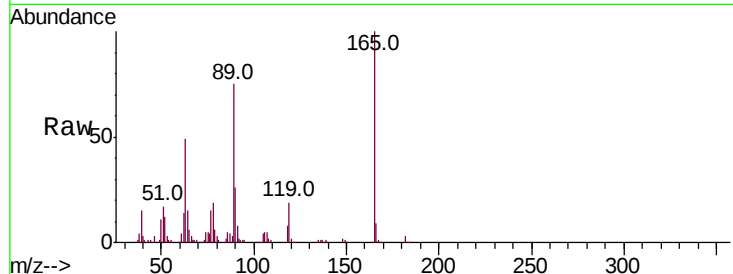
Ion Ratio Lower Upper

165 100

63 49.4 37.3 55.9

89 75.0 61.0 91.6

182 3.2 2.2 3.2

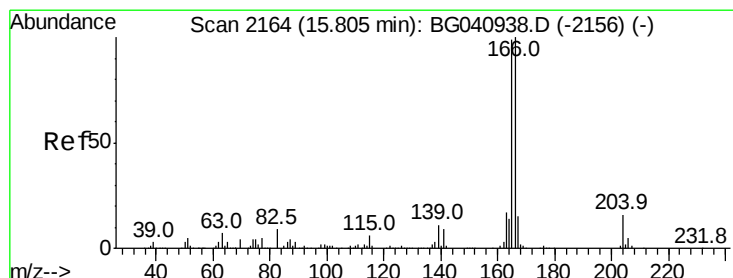
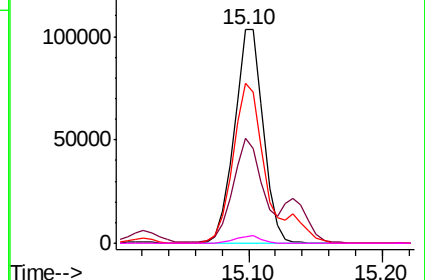
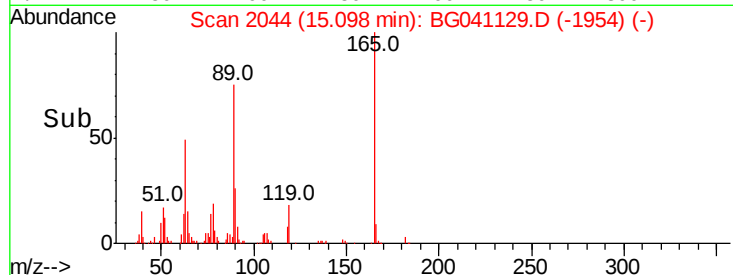


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 46.597 ng

RT: 15.78 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

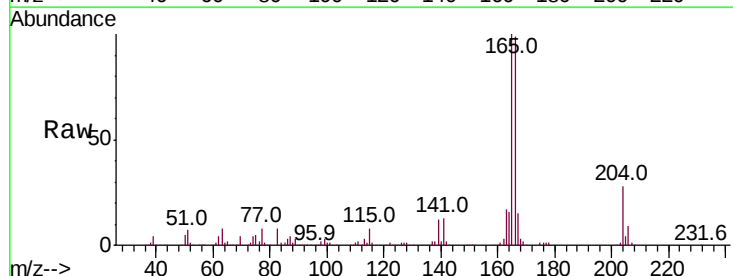
Tgt Ion:166 Resp: 444632

Ion Ratio Lower Upper

166 100

165 100.8 79.2 118.8

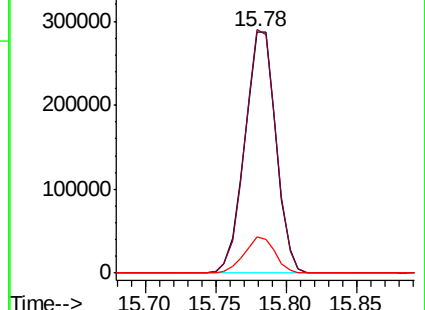
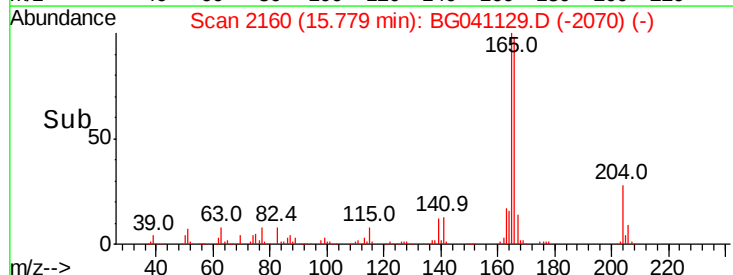
167 14.8 11.8 17.6

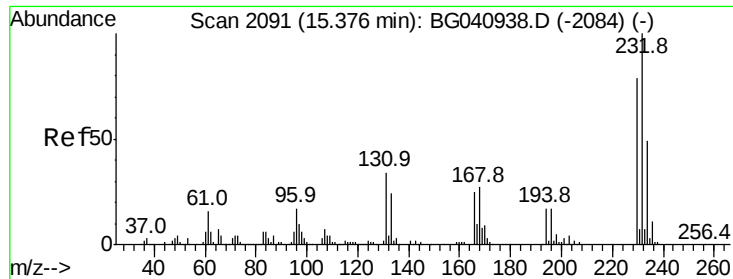


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

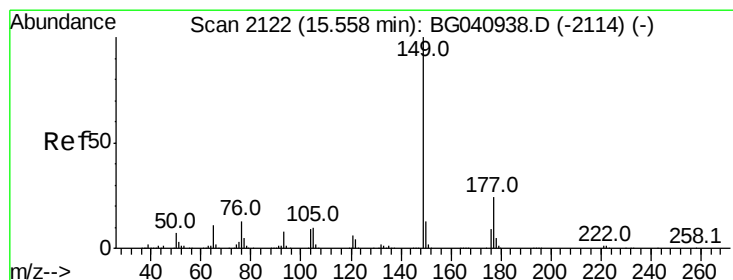
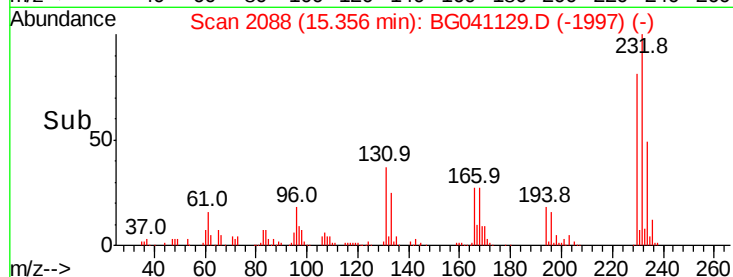
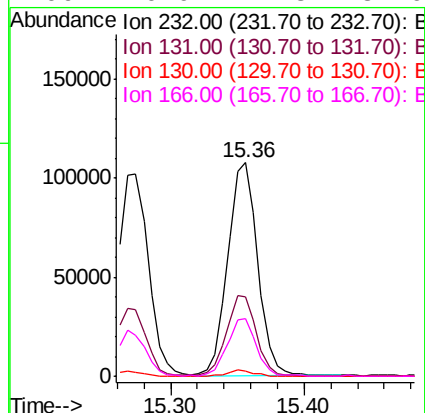
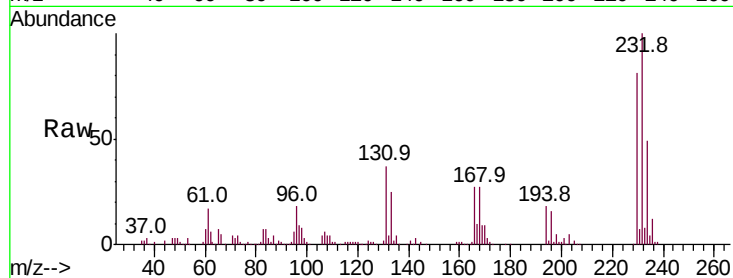




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.801 ng
RT: 15.36 min Scan# 2088
Delta R.T. 0.01 min
Lab File: BG041129.D
Acq: 8 Jun 2019 12:20

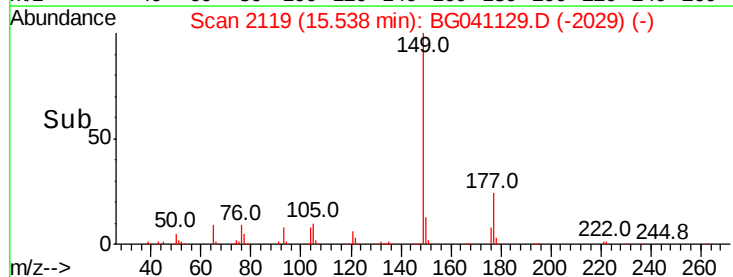
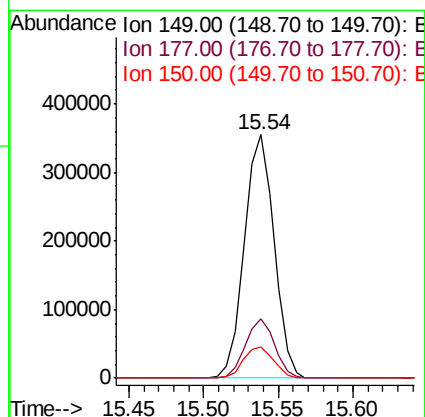
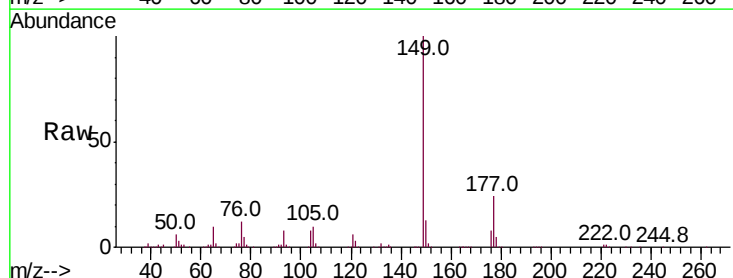
Instrument :
BNA_G
ClientSampleId :
PB120423BS

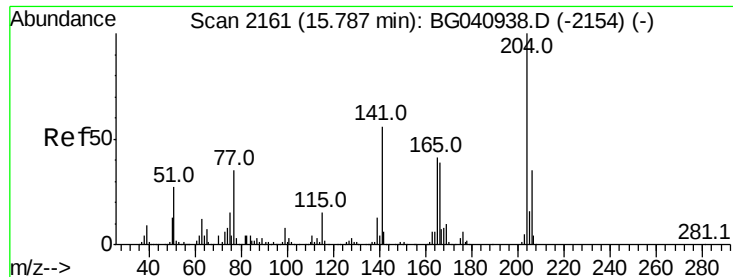
Tot Ion:	232	Resp:	168724
Ion	Ratio	Lower	Upper
232	100		
131	37.5	30.3	45.5
130	2.4	1.8	2.8
166	26.9	21.3	31.9



#60
Diethylphthalate
Concen: 45.936 ng
RT: 15.54 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BG041129.D
Acq: 8 Jun 2019 12:20

Tgt Ion:	149	Resp:	487706
Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.4	29.0
150	13.0	10.3	15.5

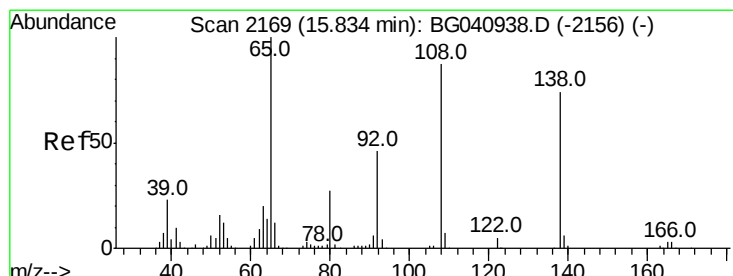
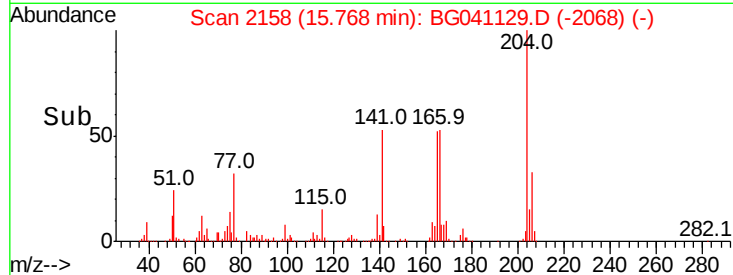
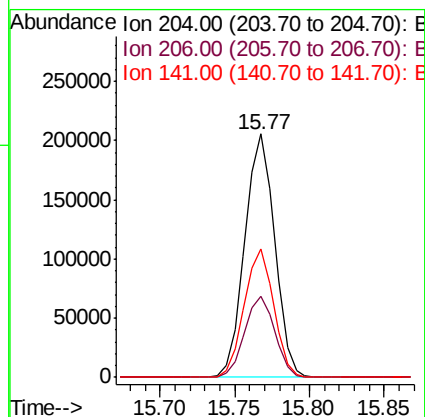
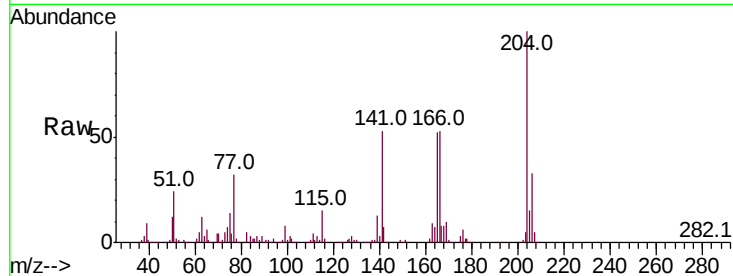




#61
4-Chlorophenyl-phenylether
Concen: 45.872 ng
RT: 15.77 min Scan# 2158
Delta R.T. 0.00 min
Lab File: BG041129.D
Acq: 8 Jun 2019 12:20

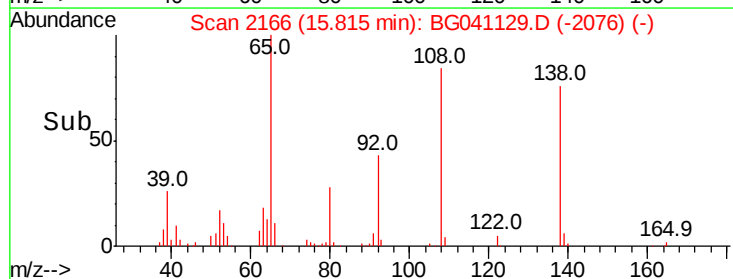
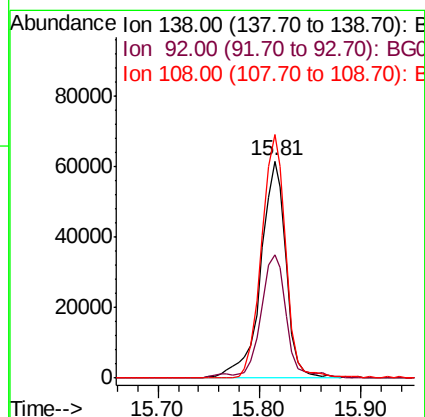
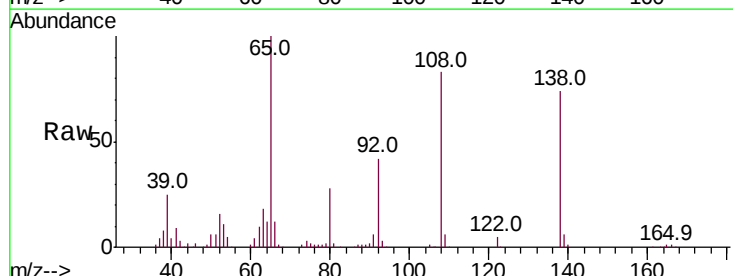
Instrument :
BNA_G
ClientSampleId :
PB120423BS

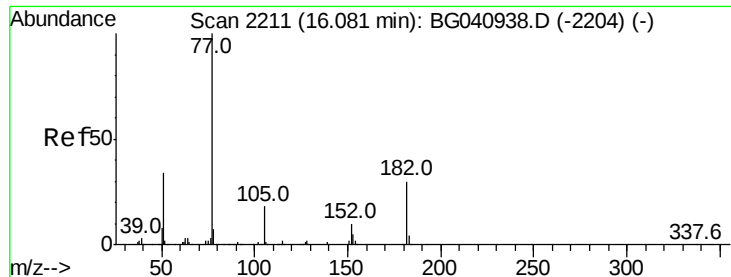
Tot Ion:204 Resp: 284509
Ion Ratio Lower Upper
204 100
206 33.3 27.6 41.4
141 52.6 45.1 67.7



#62
4-Nitroaniline
Concen: 45.339 ng
RT: 15.81 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG041129.D
Acq: 8 Jun 2019 12:20

Tgt Ion:138 Resp: 107665
Ion Ratio Lower Upper
138 100
92 56.8 42.4 82.4
108 112.1 96.9 136.9





#63

Azobenzene

Concen: 46.478 ng

RT: 16.06 min Scan# 2208

Delta R.T. 0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB120423BS

Tot Ion: 77 Resp: 448510

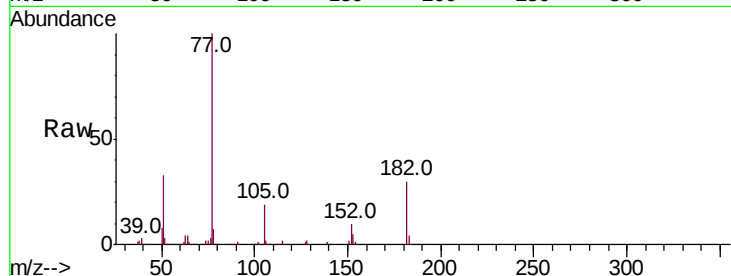
Ion	Ratio	Lower	Upper
77	100		
182	30.3	9.6	49.6
105	18.8	0.0	37.5
51	33.4	13.7	53.7

77 100

182 30.3 9.6 49.6

105 18.8 0.0 37.5

51 33.4 13.7 53.7



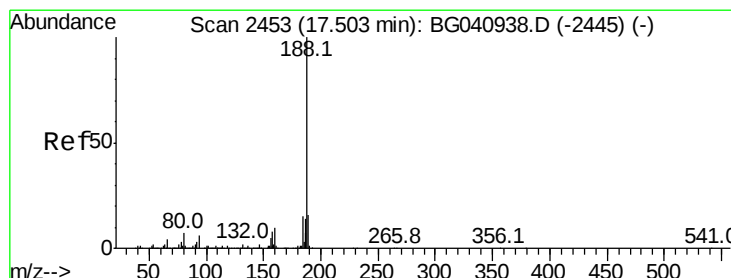
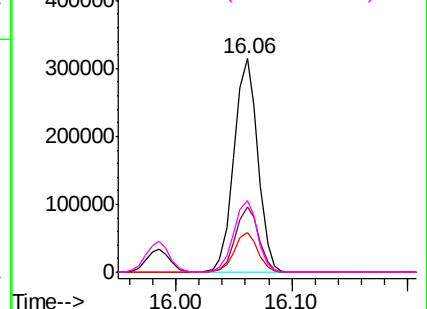
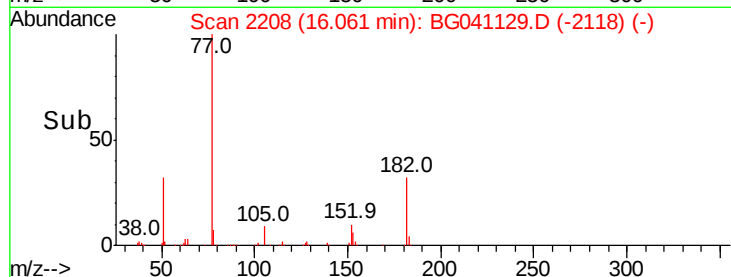
Abundance

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: 17.48 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

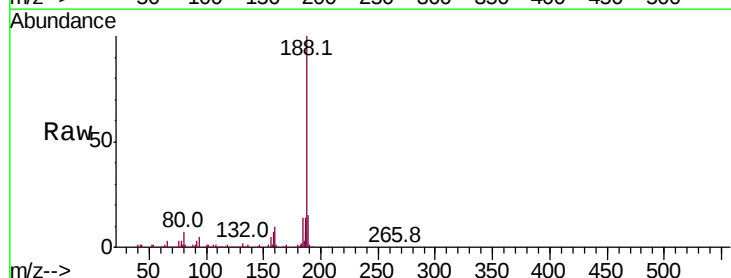
Tgt Ion: 188 Resp: 327439

Ion	Ratio	Lower	Upper
188	100		
94	5.5	4.7	7.1
80	6.6	5.8	8.8

188 100

94 5.5 4.7 7.1

80 6.6 5.8 8.8

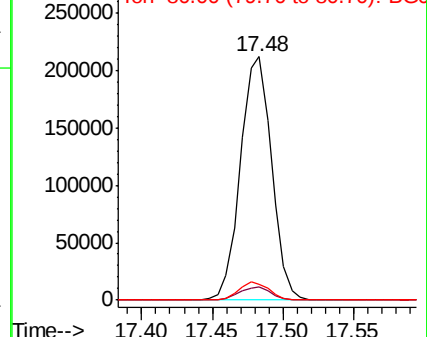
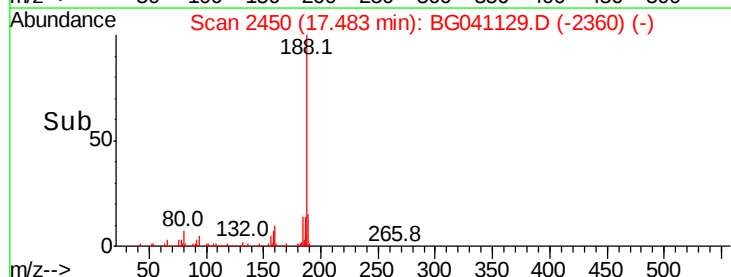


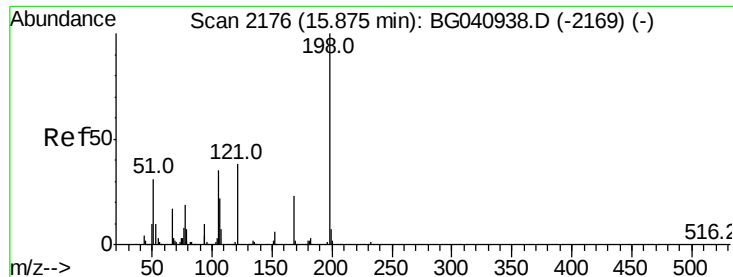
Abundance

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

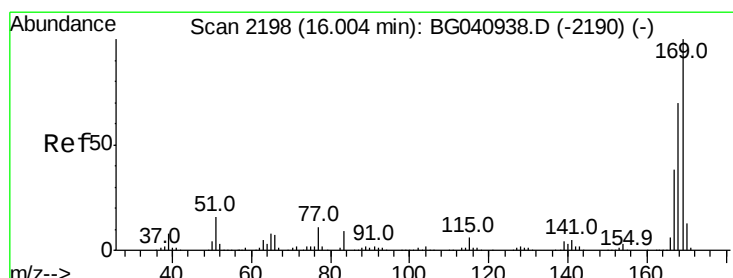
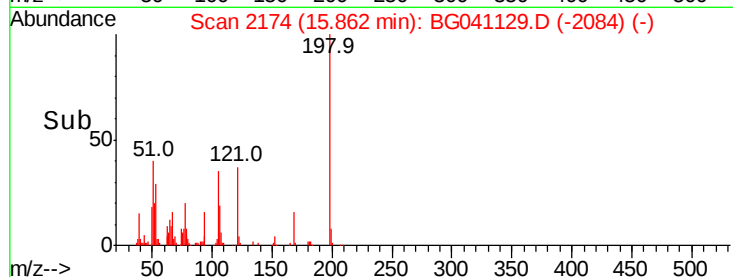
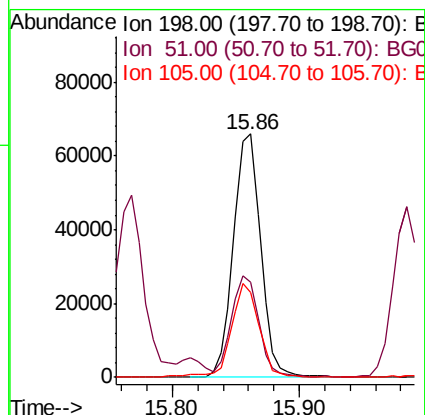
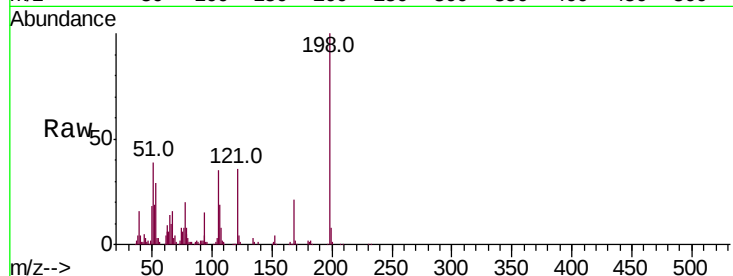




#65
4,6-Dinitro-2-methylphenol
Concen: 54.479 ng
RT: 15.86 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BG041129.D
Acq: 8 Jun 2019 12:20

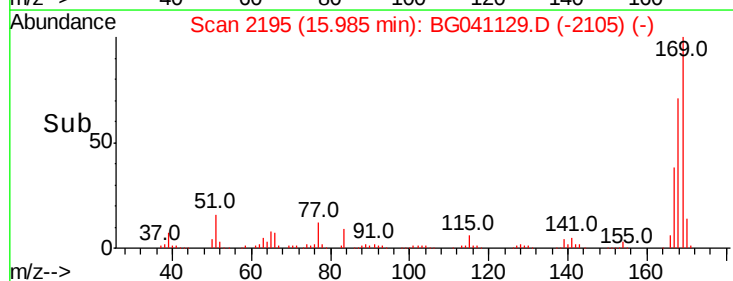
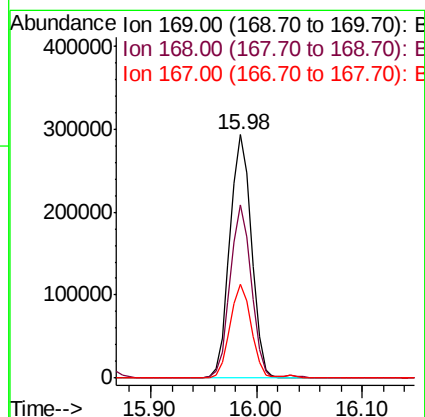
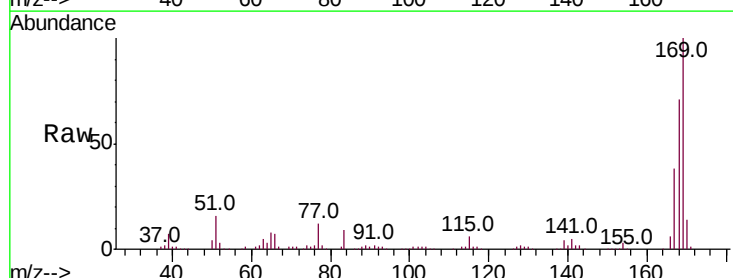
Instrument :
BNA_G
ClientSampleId :
PB120423BS

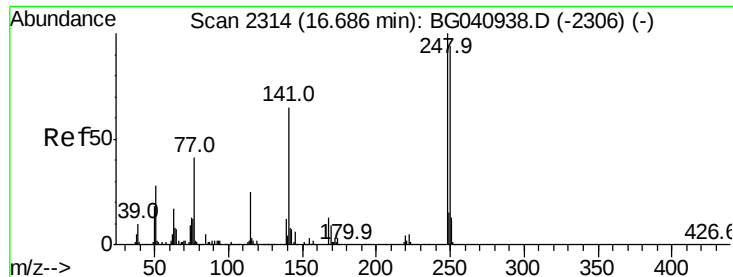
Tot Ion	198	Resp	98067
Ion Ratio	100	Lower	Upper
51	39.0	21.6	61.6
105	34.8	17.5	57.5



#66
n-Nitrosodiphenylamine
Concen: 45.056 ng
RT: 15.98 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BG041129.D
Acq: 8 Jun 2019 12:20

Tgt Ion	169	Resp	414729
Ion Ratio	100	Lower	Upper
168	71.0	55.7	83.5
167	38.4	30.2	45.2

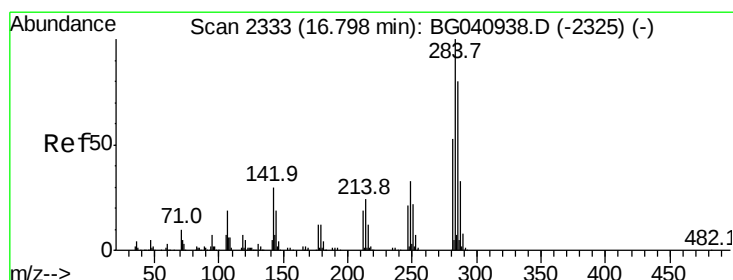
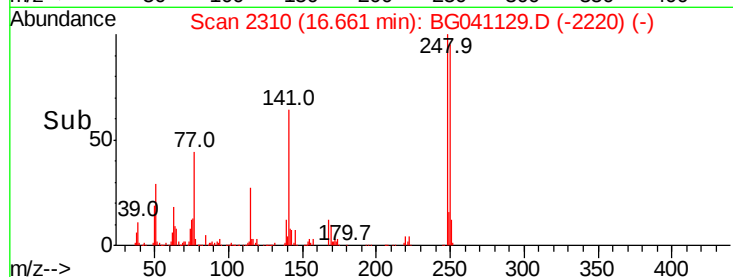
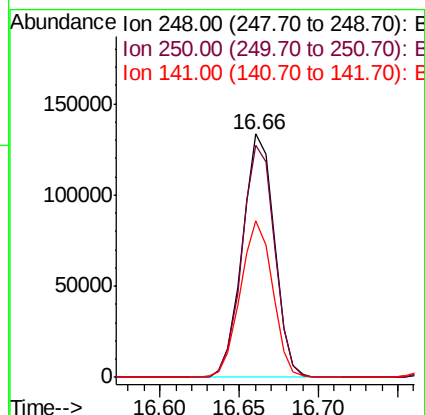
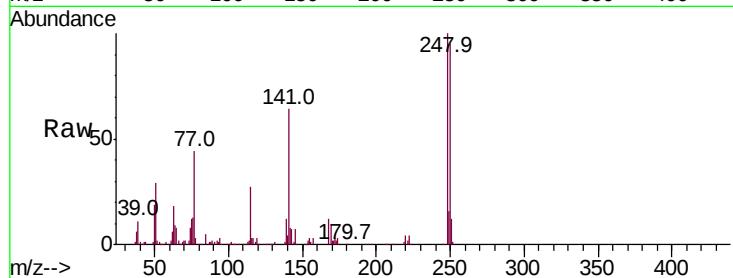




#67
4-Bromophenyl-phenylether
Concen: 42.239 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG041129.D
Acq: 8 Jun 2019 12:20

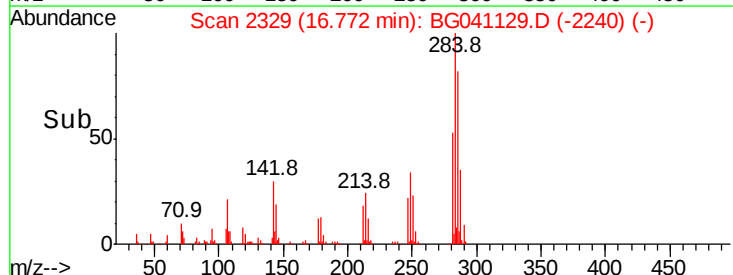
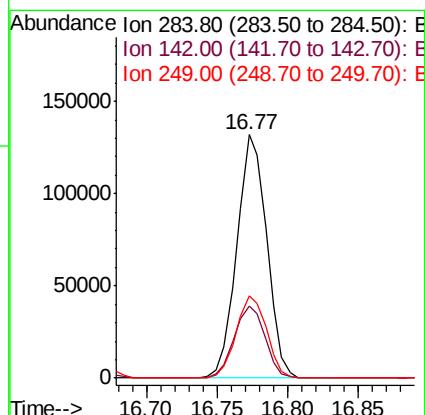
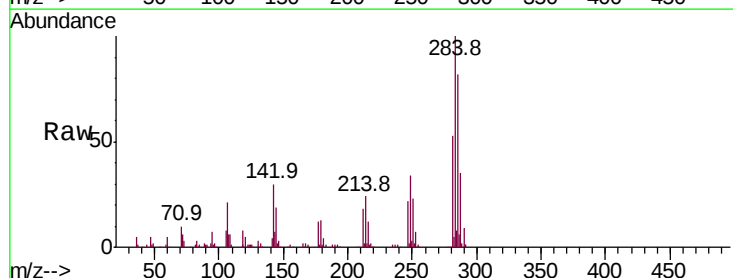
Instrument :
BNA_G
ClientSampleId :
PB120423BS

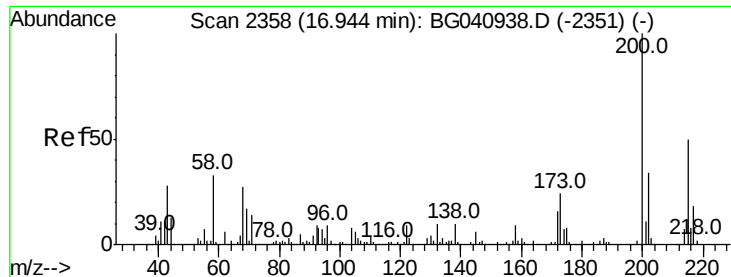
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.1	75.0	112.4
141	64.3	52.4	78.6



#68
Hexachlorobenzene
Concen: 41.377 ng
RT: 16.77 min Scan# 2329
Delta R.T. -0.00 min
Lab File: BG041129.D
Acq: 8 Jun 2019 12:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.9	23.9	35.9
249	33.7	26.8	40.2





#69

Atrazine

Concen: 49.745 ng

RT: 16.92 min Scan# 2355

Delta R.T. 0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB120423BS

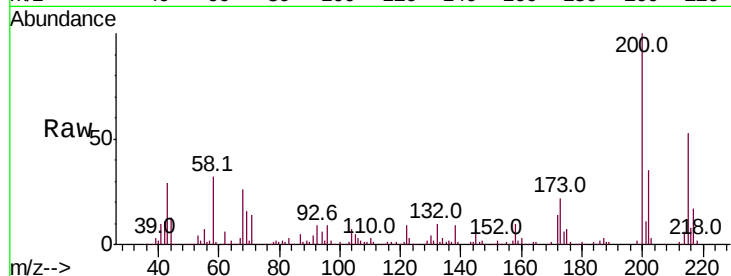
Tot Ion:200 Resp: 176679

Ion Ratio Lower Upper

200 100

173 22.3 3.6 43.6

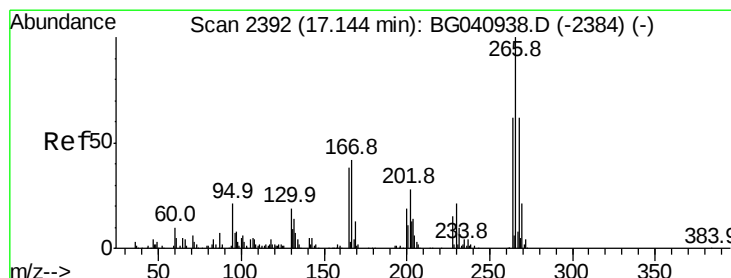
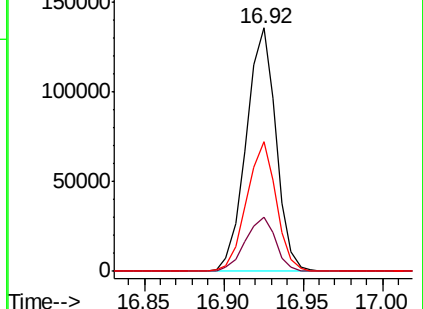
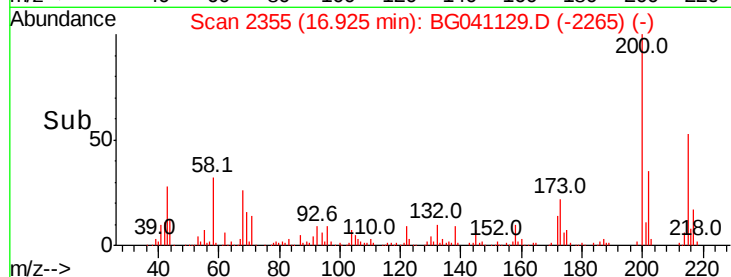
215 53.4 29.6 69.6



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: 94.500 ng

RT: 17.12 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

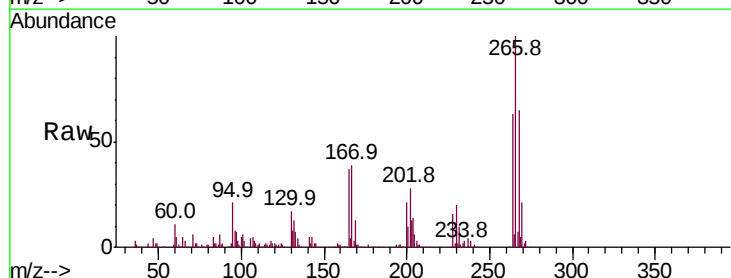
Tgt Ion:266 Resp: 240260

Ion Ratio Lower Upper

266 100

268 65.0 53.1 79.7

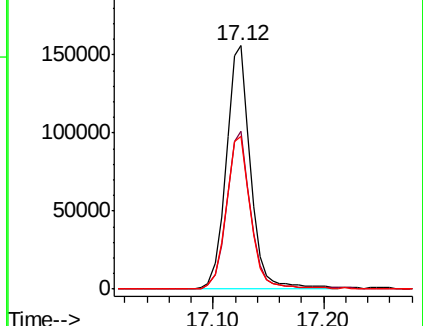
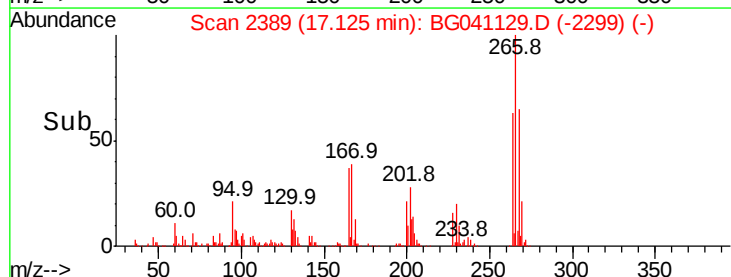
264 62.6 49.9 74.9

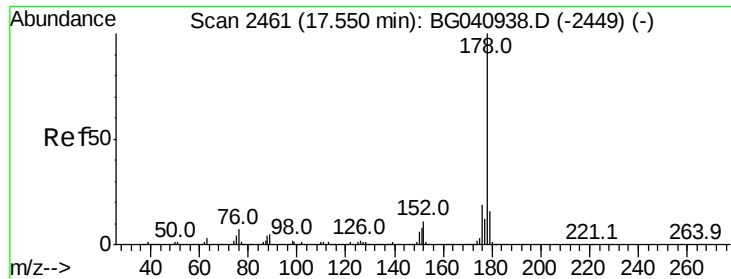


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 45.569 ng

RT: 17.52 min Scan# 2457

Delta R.T. 0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB120423BS

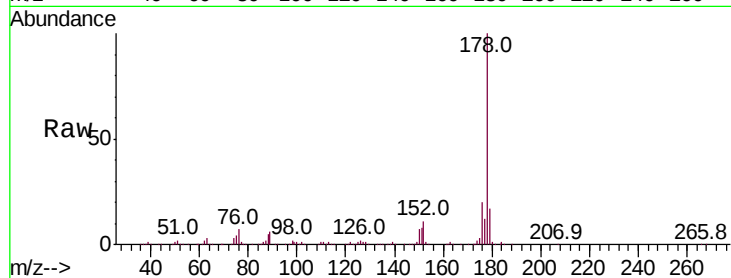
Tot Ion:178 Resp: 777207

Ion Ratio Lower Upper

178 100

176 20.1 15.5 23.3

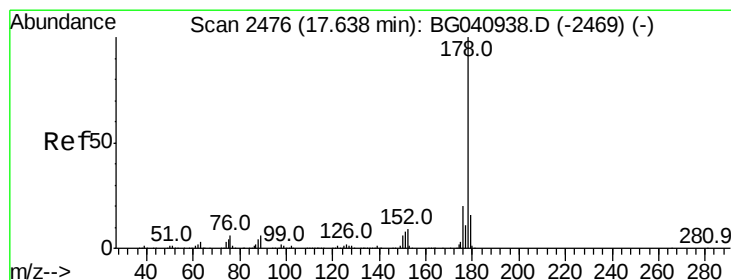
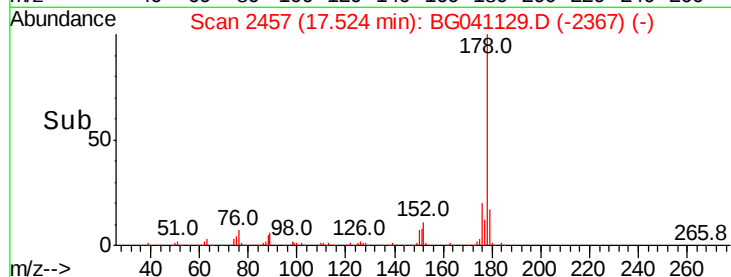
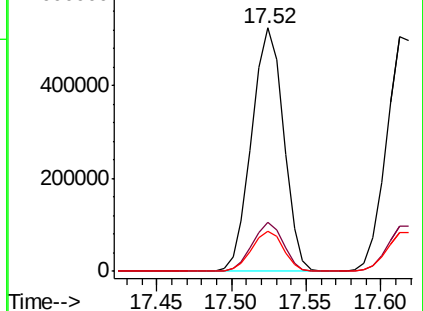
179 16.7 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 47.507 ng

RT: 17.61 min Scan# 2472

Delta R.T. 0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

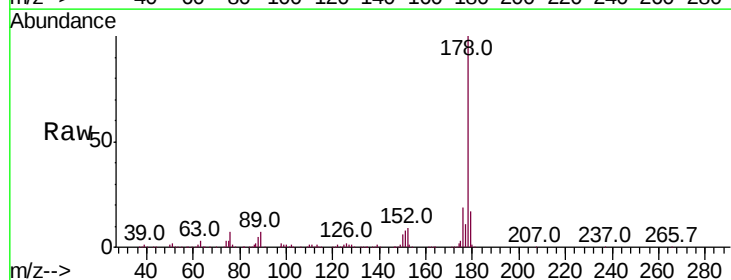
Tgt Ion:178 Resp: 799137

Ion Ratio Lower Upper

178 100

176 19.2 15.6 23.4

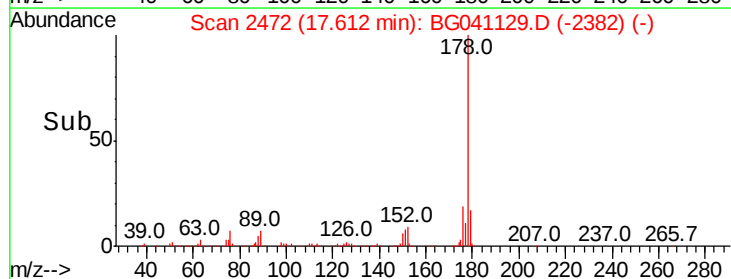
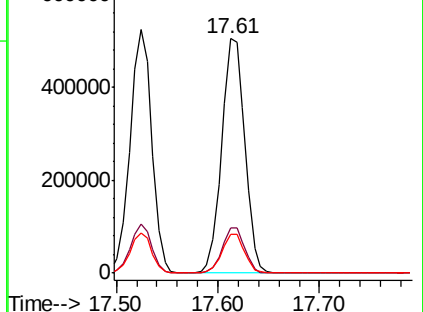
179 16.8 13.0 19.4

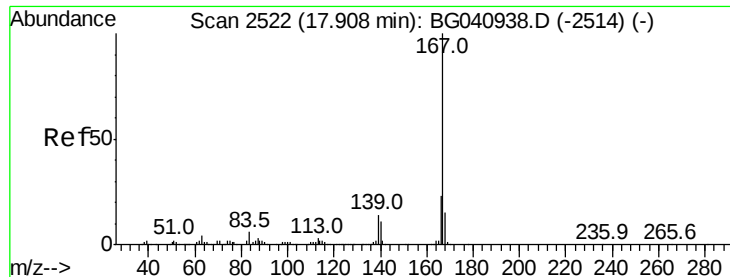


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

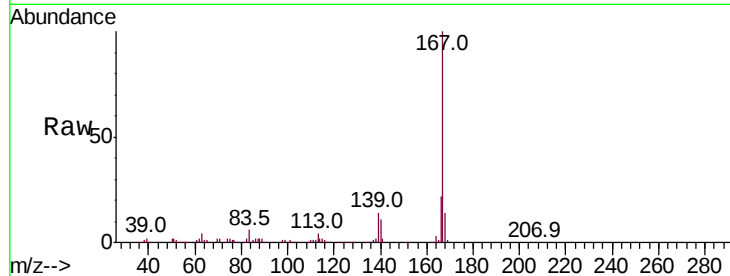




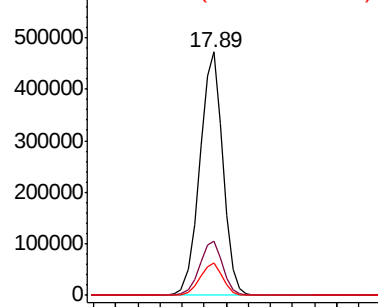
#73
 Carbazole
 Concen: 47.842 ng
 RT: 17.89 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG041129.D
 Acq: 8 Jun 2019 12:20

Instrument :
 BNA_G
 ClientSampleId :
 PB120423BS

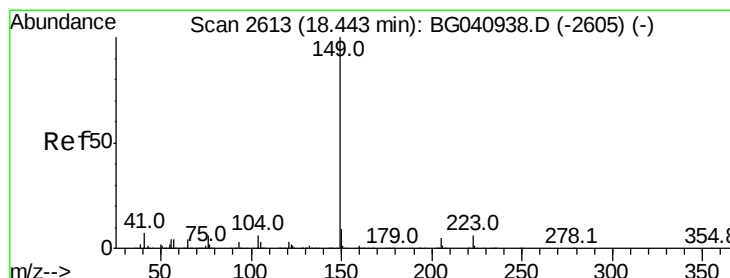
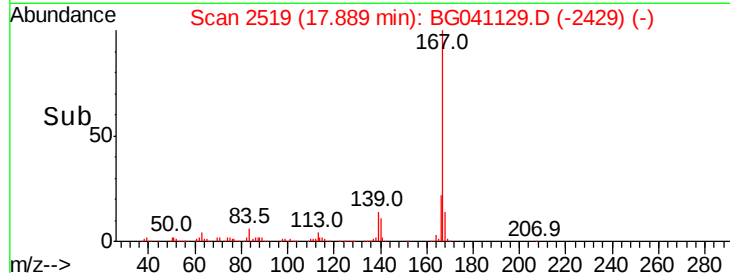
Tot Ion:167 Resp: 690539
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.2 27.4
 139 13.6 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

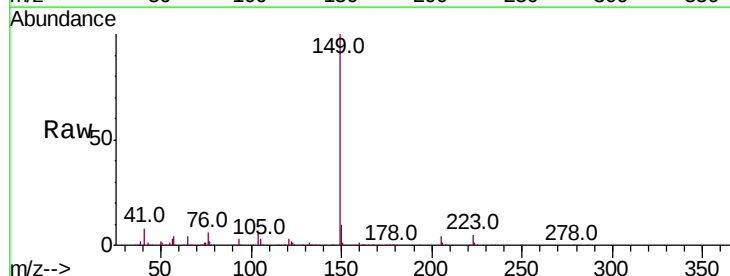


Time-->

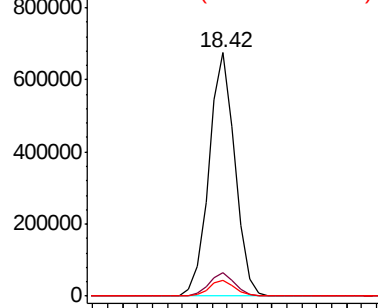


#74
 Di-n-butylphthalate
 Concen: 45.383 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. 0.00 min
 Lab File: BG041129.D
 Acq: 8 Jun 2019 12:20

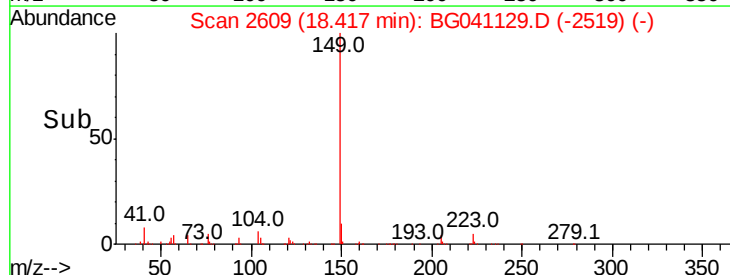
Tgt Ion:149 Resp: 814137
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.4 11.2
 104 6.3 5.0 7.4

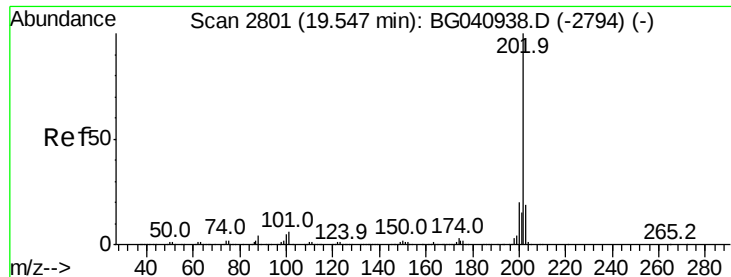


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 48.207 ng

RT: 19.53 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB120423BS

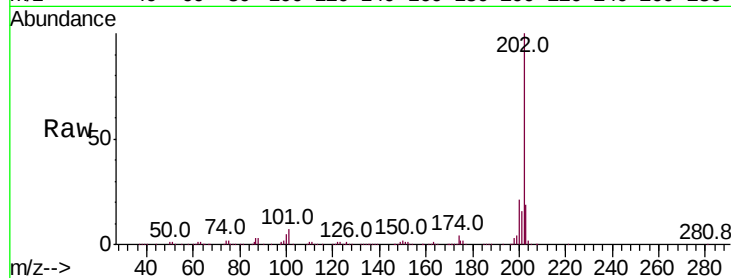
Tot Ion:202 Resp: 1015562

Ion Ratio Lower Upper

202 100

101 6.6 0.0 26.2

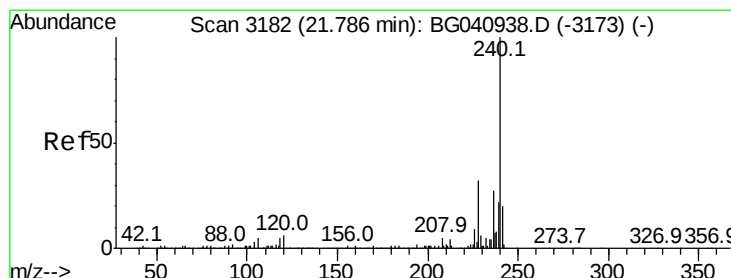
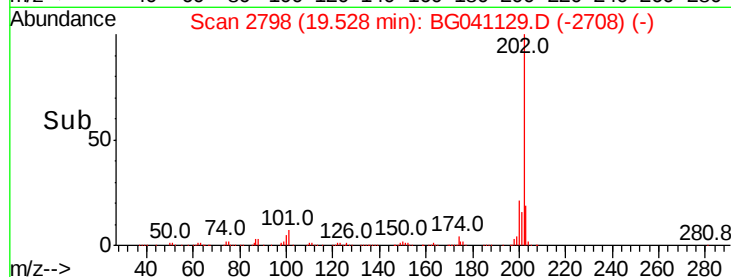
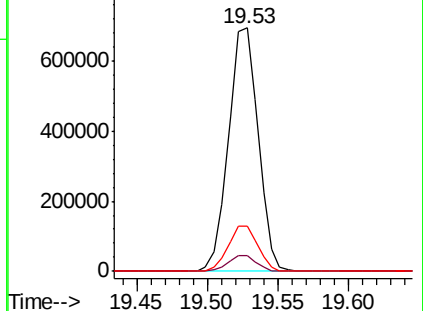
203 18.6 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3178

Delta R.T. 0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

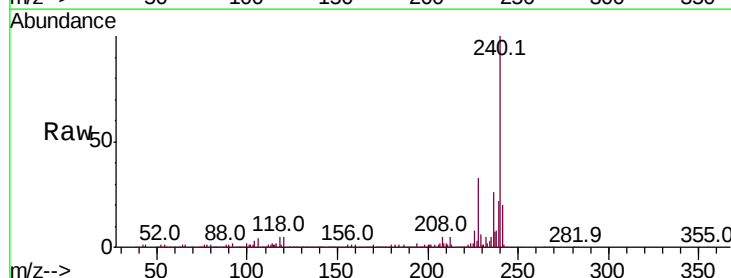
Tgt Ion:240 Resp: 329489

Ion Ratio Lower Upper

240 100

120 4.9 4.5 6.7

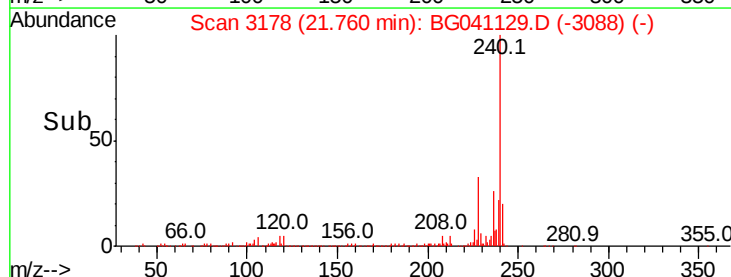
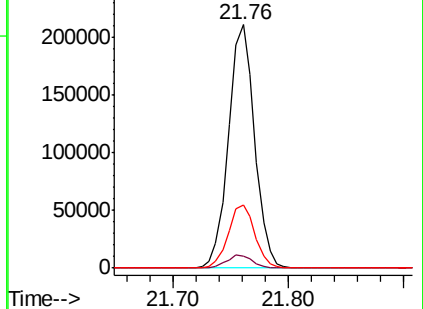
236 26.1 21.3 31.9

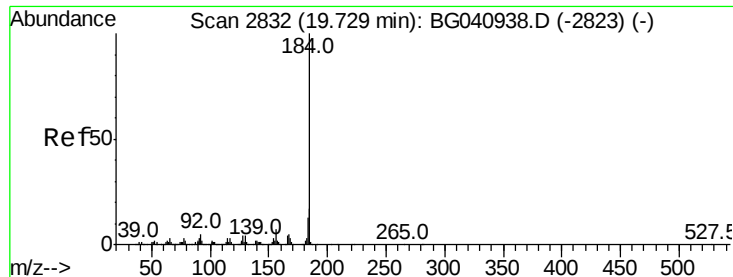


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 53.712 ng

RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

Instrument :

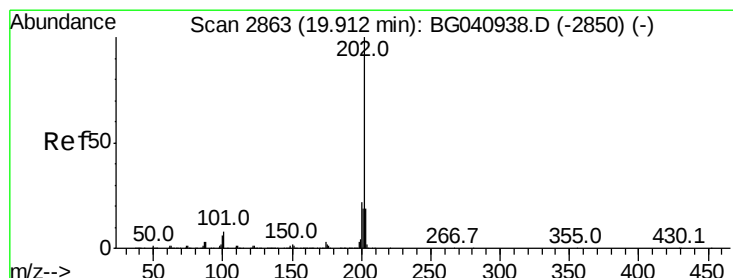
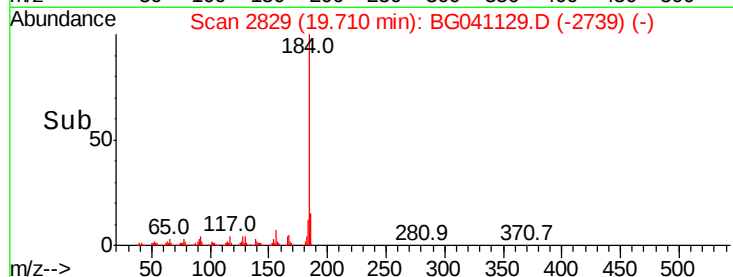
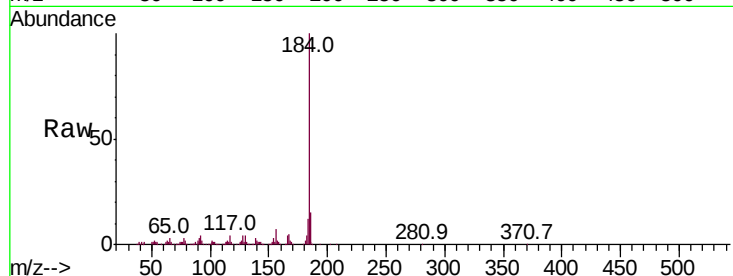
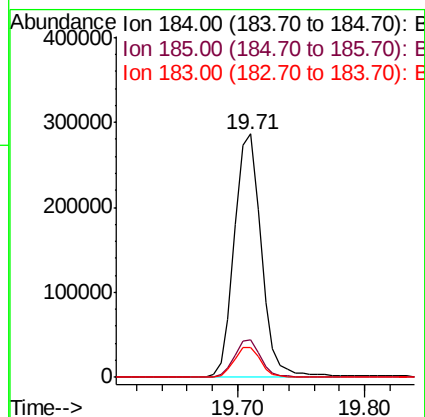
BNA_G

ClientSampleId :

PB120423BS

Tot Ion:184 Resp: 422178

Ion	Ratio	Lower	Upper
184	100		
185	15.3	13.3	19.9
183	12.4	10.7	16.1



#78

Pyrene

Concen: 46.955 ng

RT: 19.89 min Scan# 2859

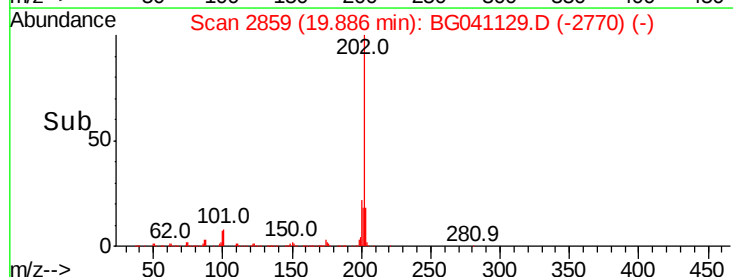
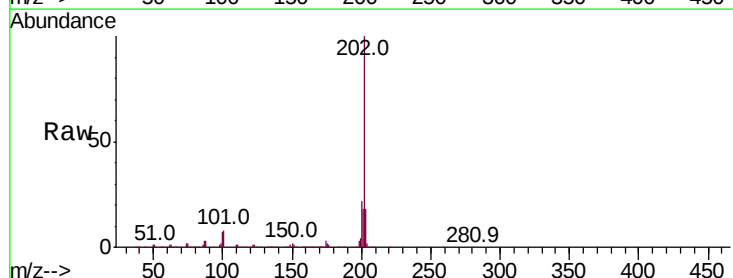
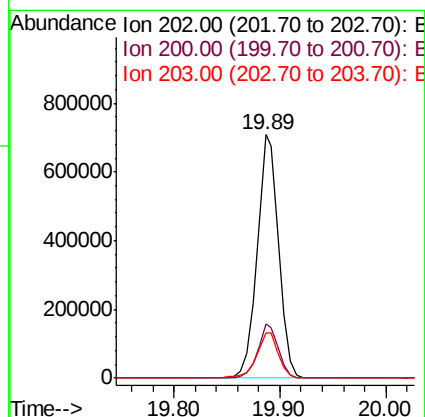
Delta R.T. -0.00 min

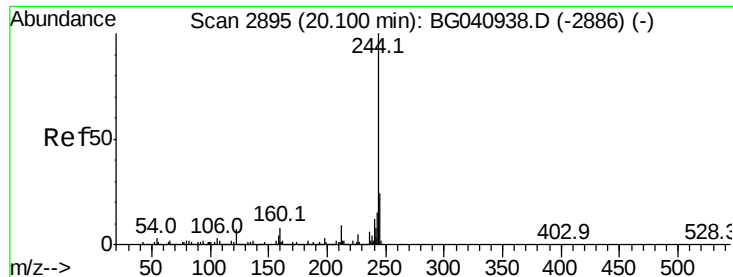
Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

Tgt Ion:202 Resp: 1005718

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.5	26.3
203	18.5	15.6	23.4





#79

Terphenyl-d14

Concen: 86.092 ng

RT: 20.07 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB120423BS

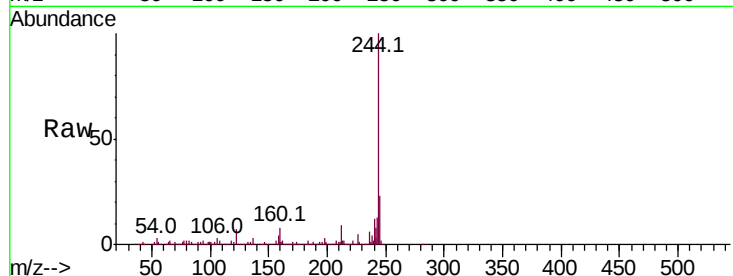
Tot Ion:244 Resp: 1336555

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.4

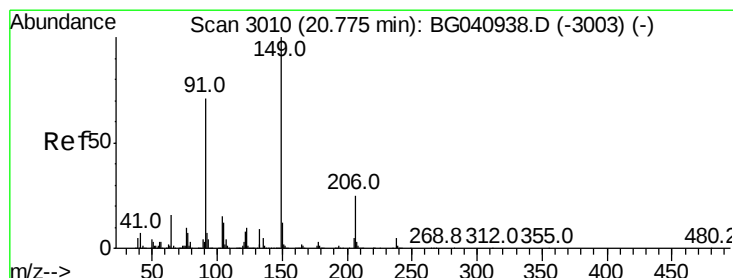
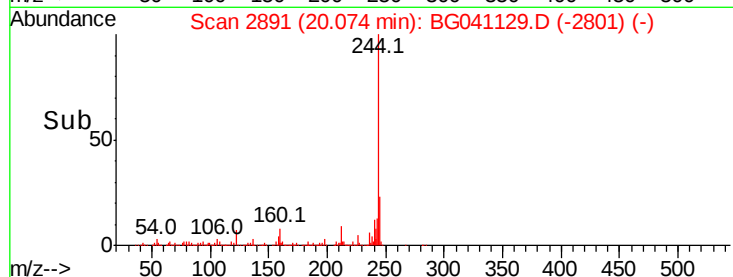
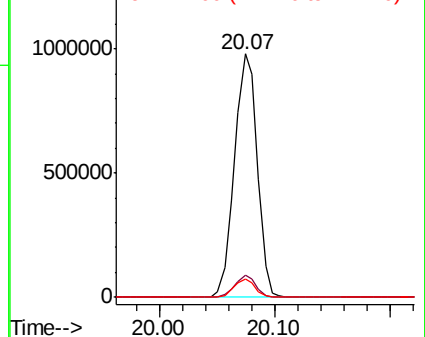
122 7.3 5.4 8.0



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: 46.112 ng

RT: 20.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

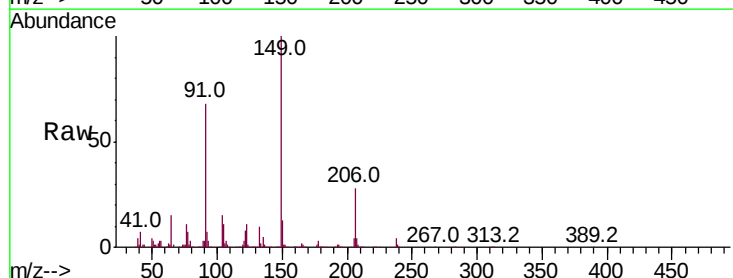
Tgt Ion:149 Resp: 384358

Ion Ratio Lower Upper

149 100

91 68.0 56.5 84.7

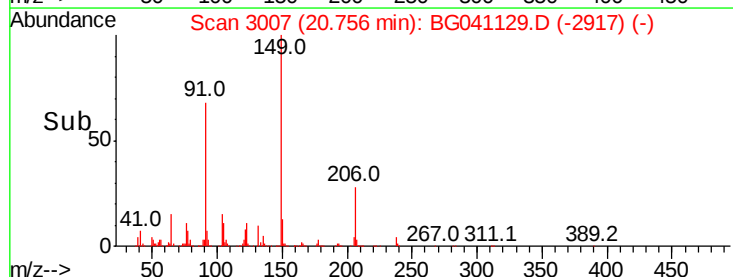
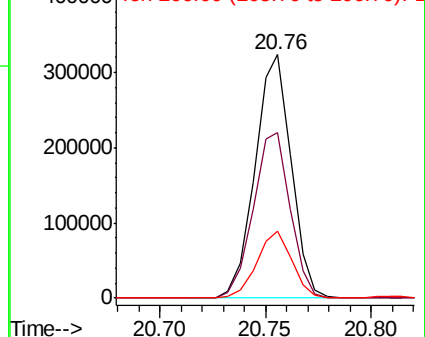
206 27.5 20.3 30.5

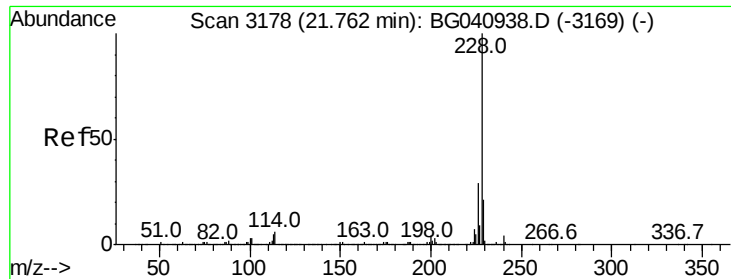


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.039 ng

RT: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

Instrument :

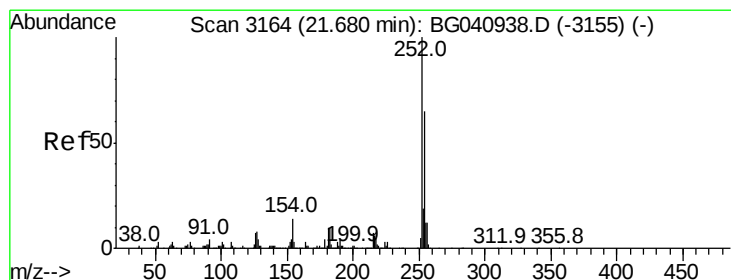
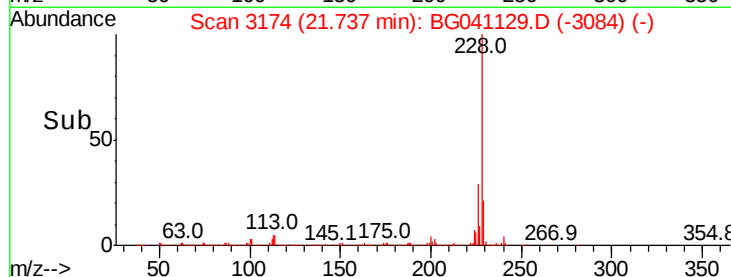
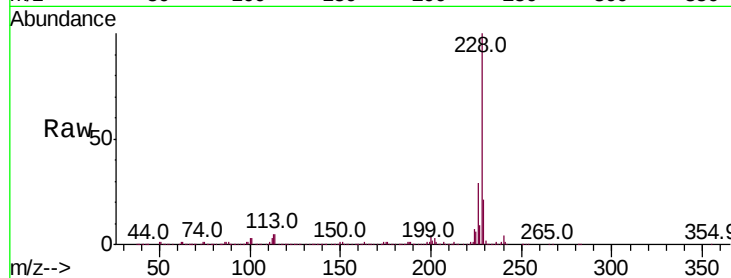
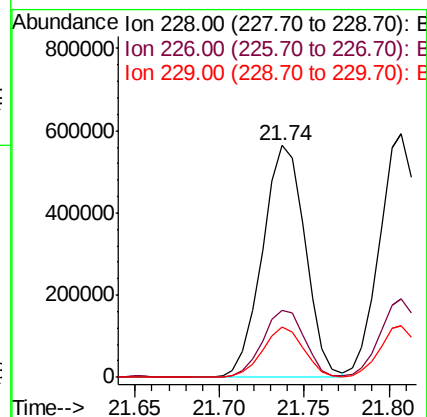
BNA_G

ClientSampleId :

PB120423BS

Tot Ion:228 Resp: 987836

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.5	35.3
229	21.5	16.7	25.1



#82

3,3'-Dichlorobenzidine

Concen: 31.790 ng

RT: 21.65 min Scan# 3159

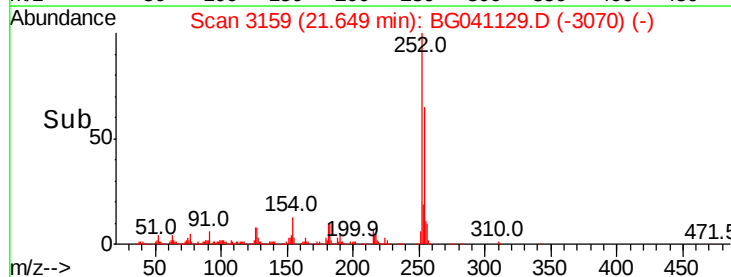
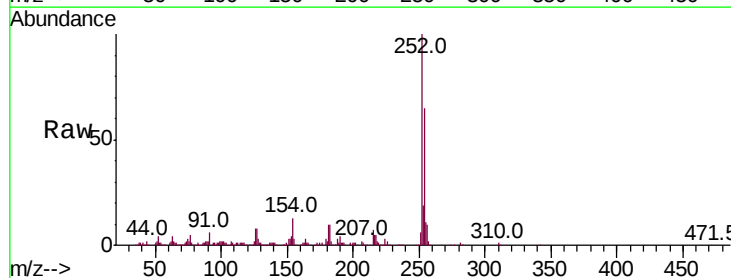
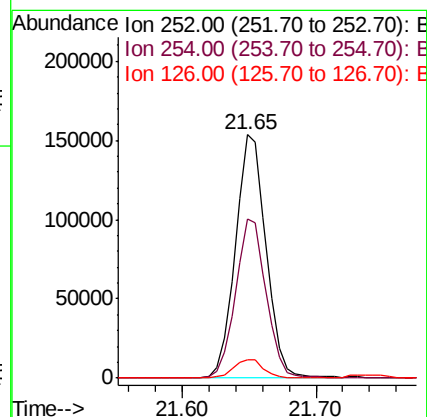
Delta R.T. -0.00 min

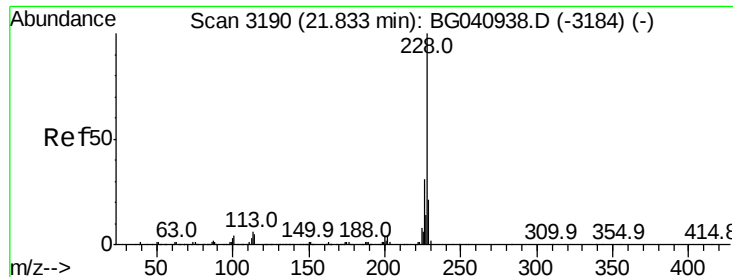
Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

Tgt Ion:252 Resp: 245240

Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.1	78.1
126	7.6	5.5	8.3





#83

Chrysene

Concen: 46.123 ng

RT: 21.81 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

Instrument :

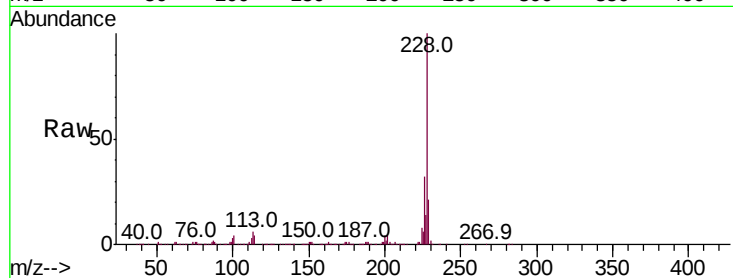
BNA_G

ClientSampleId :

PB120423BS

Tot Ion:228 Resp: 968066

Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.6	37.0
229	21.4	16.6	24.8

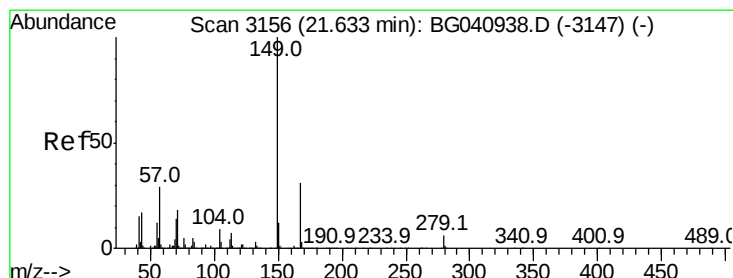
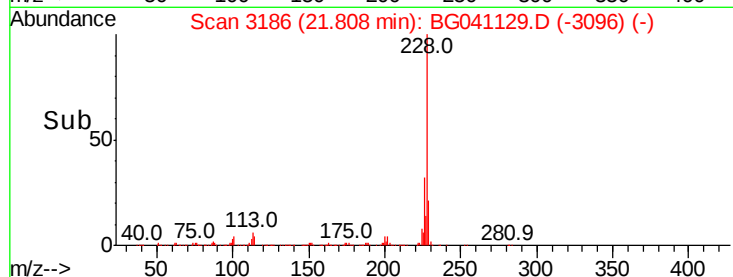
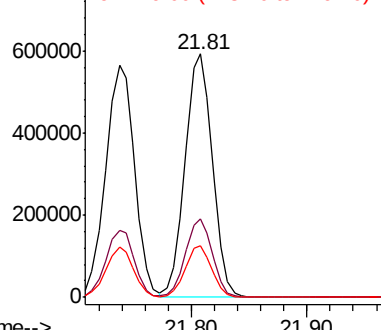


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.617 ng

RT: 21.61 min Scan# 3152

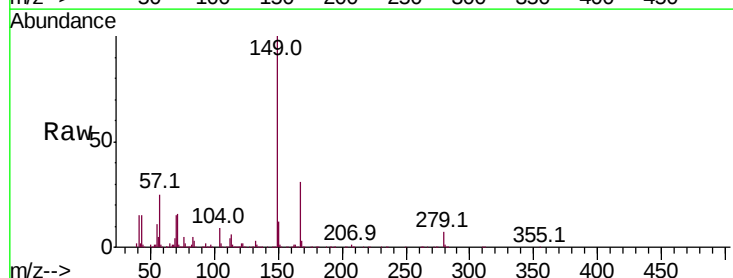
Delta R.T. 0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

Tgt Ion:149 Resp: 535262

Ion	Ratio	Lower	Upper
149	100		
167	31.2	24.6	37.0
279	6.5	5.0	7.6

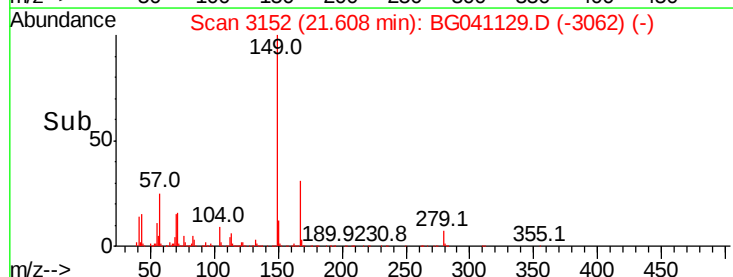
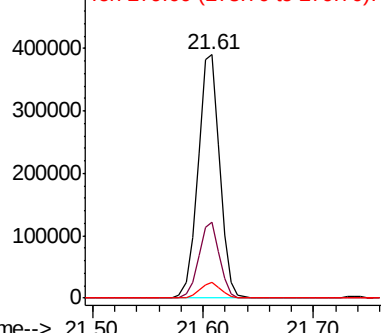


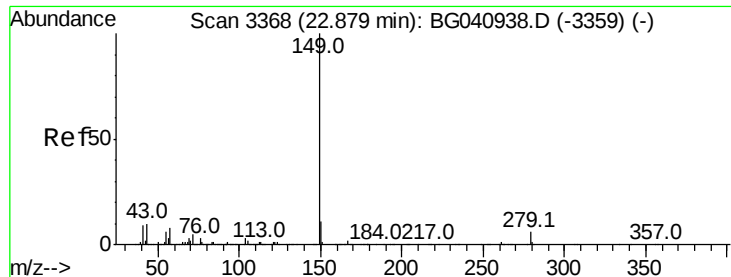
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.352 ng

RT: 22.85 min Scan# 3363

Delta R.T. 0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB120423BS

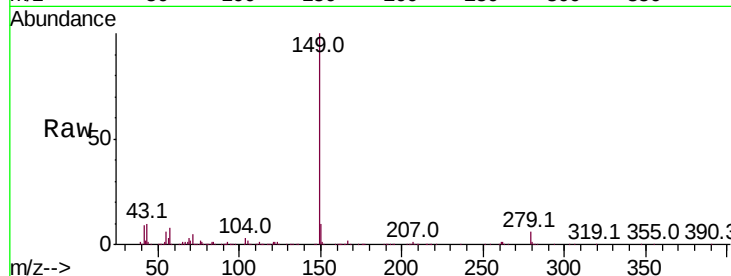
Tot Ion:149 Resp: 905812

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

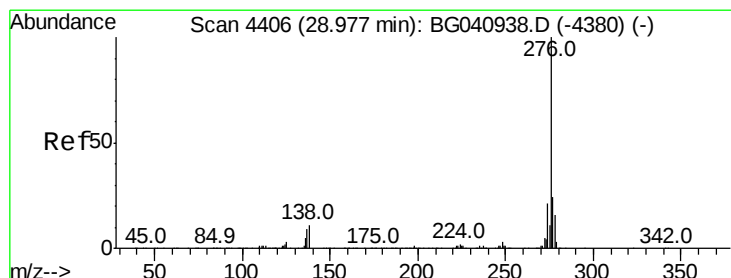
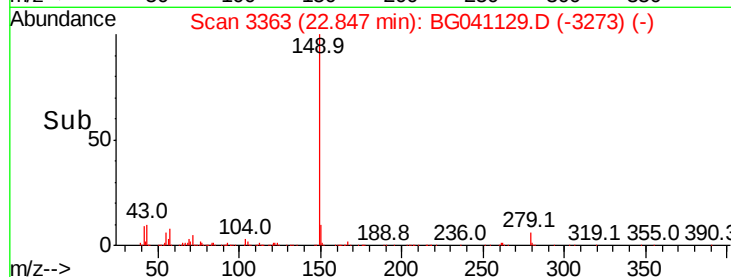
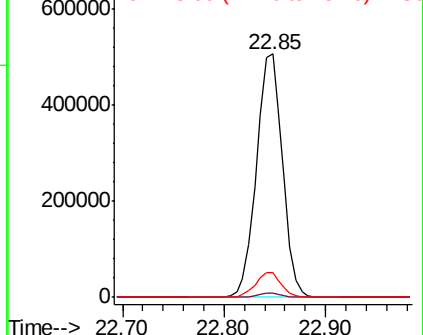
43 9.9 8.1 12.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.826 ng

RT: 28.91 min Scan# 4395

Delta R.T. 0.01 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

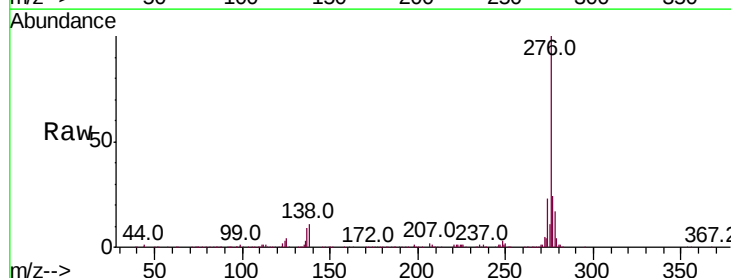
Tgt Ion:276 Resp: 1178217

Ion Ratio Lower Upper

276 100

138 5.2 5.7 8.5#

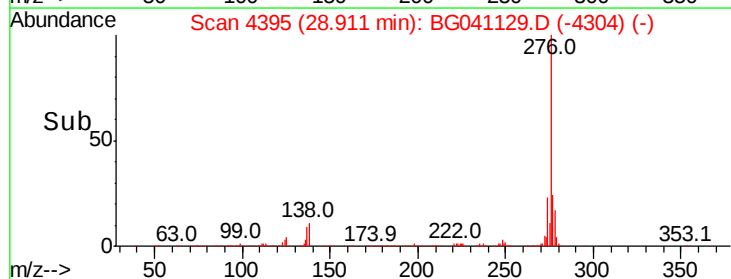
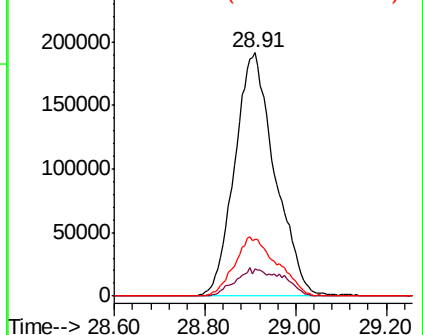
277 25.9 20.8 31.2

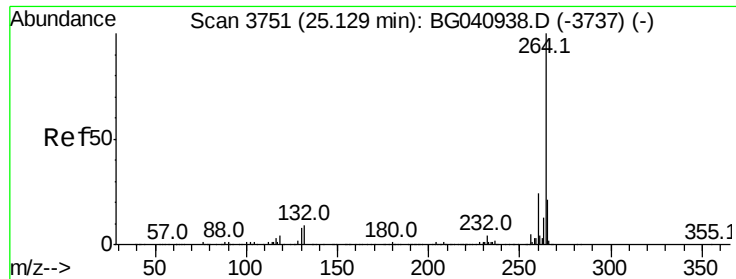


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3743

Delta R.T. -0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB120423BS

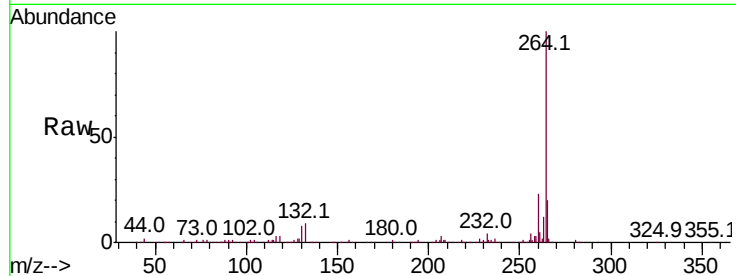
Tot Ion:264 Resp: 344758

Ion Ratio Lower Upper

264 100

260 22.8 19.0 28.4

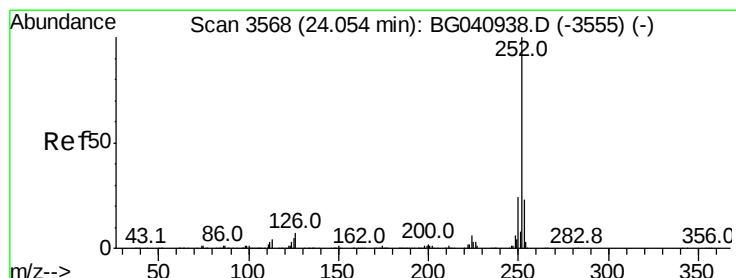
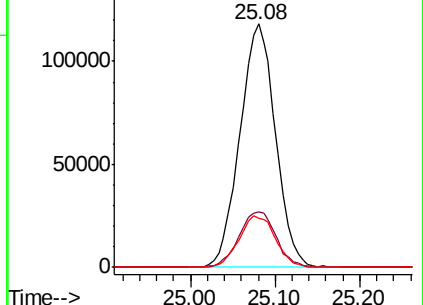
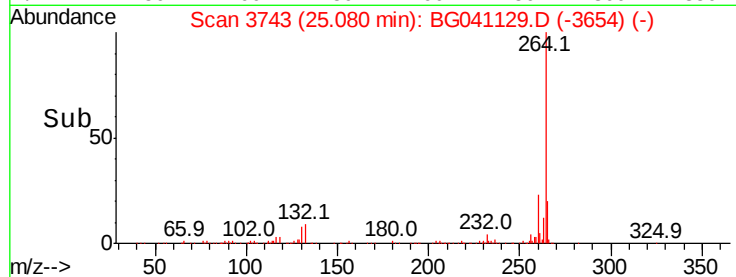
265 20.3 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.406 ng

RT: 24.02 min Scan# 3562

Delta R.T. 0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

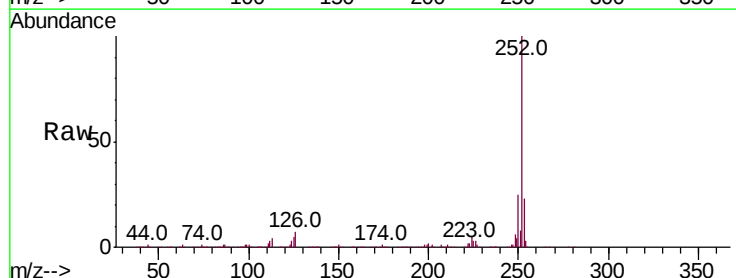
Tgt Ion:252 Resp: 1012207

Ion Ratio Lower Upper

252 100

253 23.1 18.4 27.6

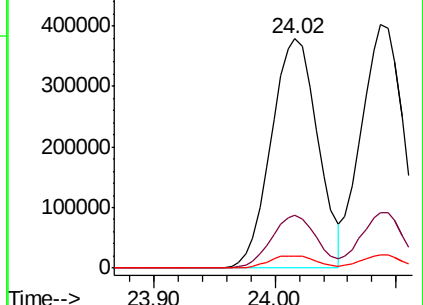
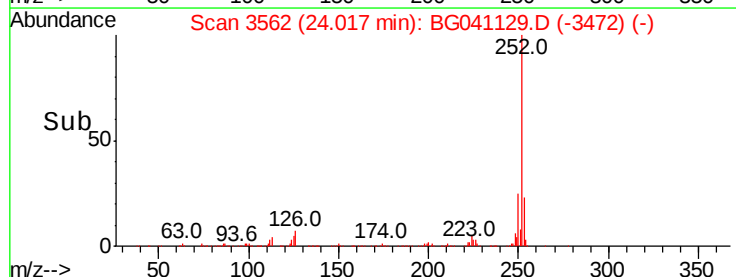
125 5.3 4.3 6.5

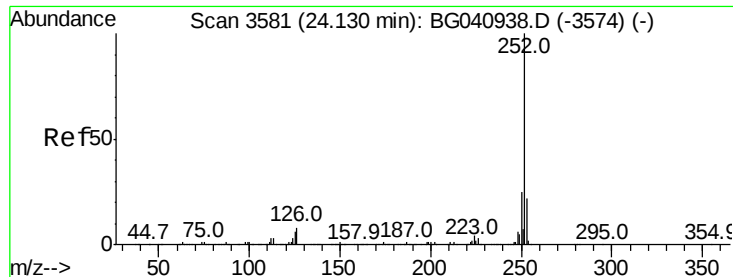


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 47.205 ng

RT: 24.09 min Scan# 3574

Delta R.T. -0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB120423BS

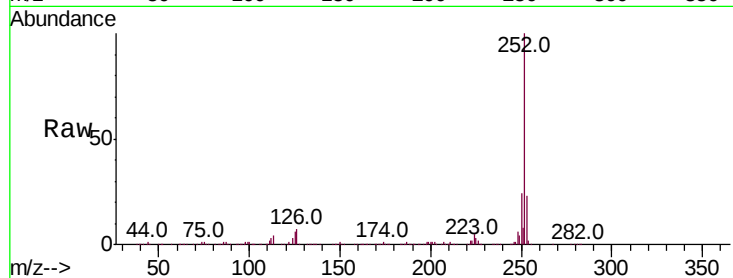
Tot Ion:252 Resp: 976801

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.6

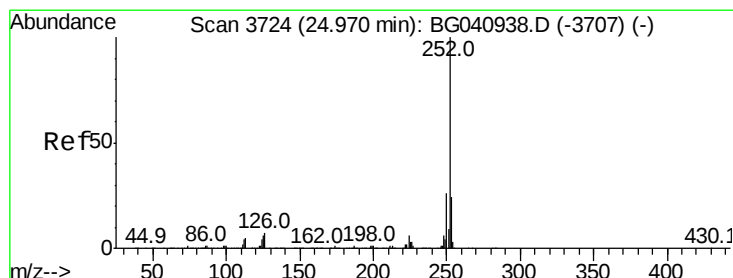
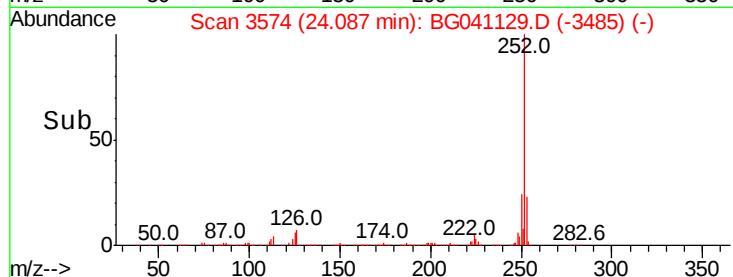
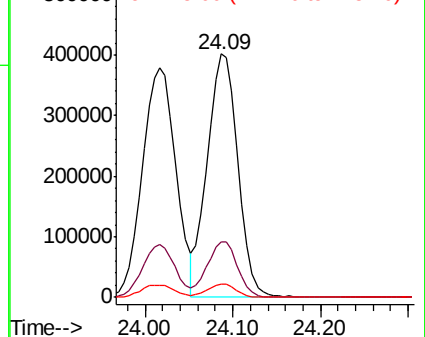
125 5.6 4.7 7.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 49.465 ng

RT: 24.93 min Scan# 3717

Delta R.T. 0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

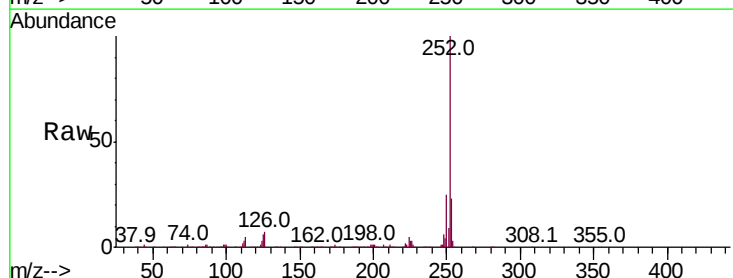
Tgt Ion:252 Resp: 986844

Ion Ratio Lower Upper

252 100

253 23.1 19.5 29.3

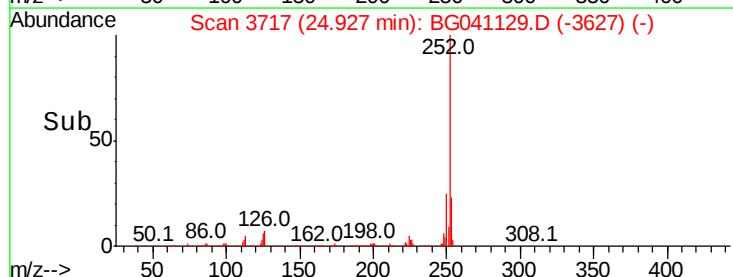
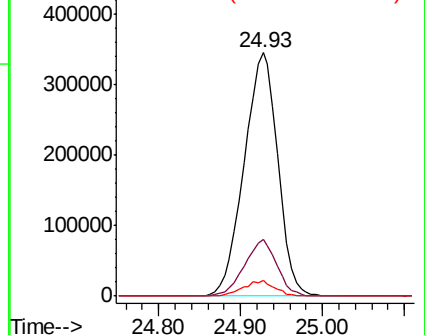
125 6.4 5.1 7.7

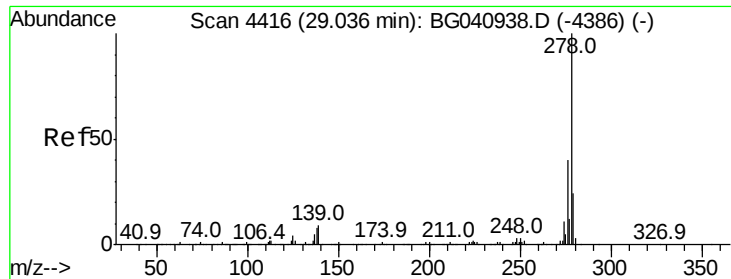


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 48.995 ng

RT: 28.98 min Scan# 4406

Delta R.T. 0.01 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB120423BS

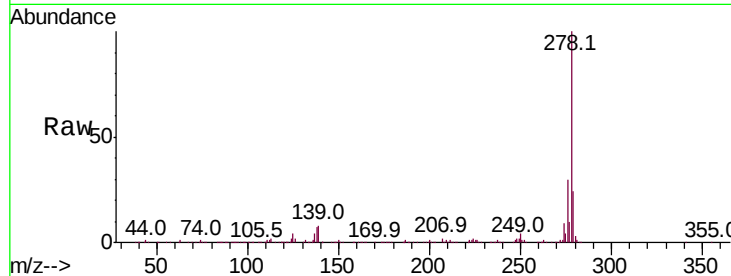
Tot Ion:278 Resp: 976692

Ion Ratio Lower Upper

278 100

139 8.2 7.1 10.7

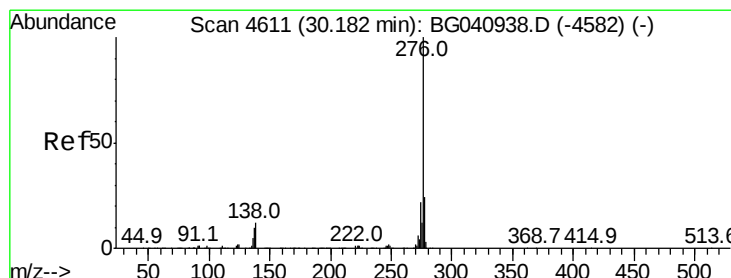
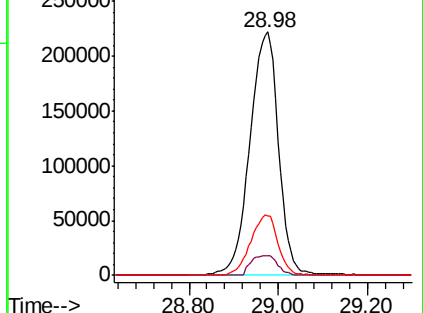
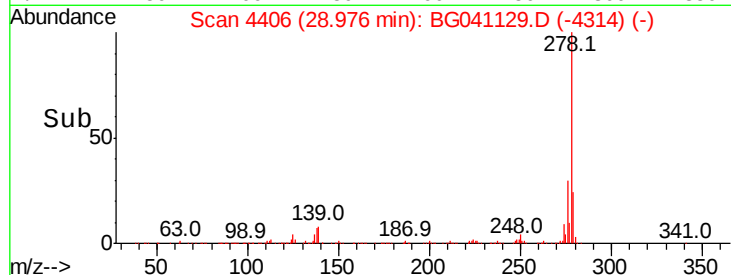
279 24.2 19.4 29.2



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: 50.458 ng

RT: 30.12 min Scan# 4600

Delta R.T. 0.00 min

Lab File: BG041129.D

Acq: 8 Jun 2019 12:20

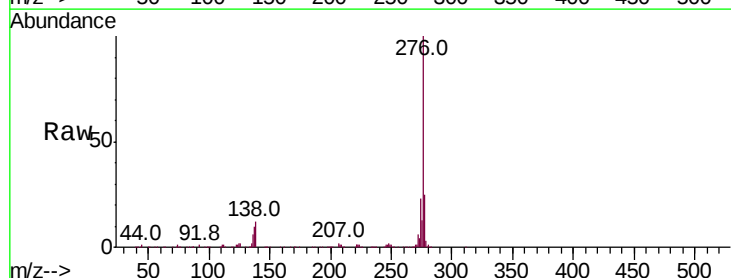
Tgt Ion:276 Resp: 977216

Ion Ratio Lower Upper

276 100

277 25.1 19.4 29.0

138 11.7 9.7 14.5



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

