

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
 Data File : BG043568.D
 Acq On : 8 Nov 2019 14:11
 Operator : JU
 Sample : PB124640BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124640BS

Quant Time: Nov 11 00:31:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	28012	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	110157	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	83730	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	200921	20.00	ng	0.00
76) Chrysene-d12	21.65	240	220540	20.00	ng	0.00
87) Perylene-d12	24.84	264	178073	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	189123	123.72	ng	0.01
7) Phenol-d6	7.21	99	250901	114.08	ng	0.01
23) Nitrobenzene-d5	9.17	82	130423	61.04	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	159320	99.99	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	349014	57.60	ng	0.00
79) Terphenyl-d14	19.99	244	725653	61.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	22545	37.846	ng	96
3) Pyridine	3.86	79	52978	35.255	ng	93
4) n-Nitrosodimethylamine	3.78	42	33705	44.450	ng	89
6) Aniline	7.34	93	63249	24.964	ng	96
8) 2-Chlorophenol	7.58	128	75451	44.713	ng	95
9) Benzaldehyde	7.14	77	21070	19.493	ng	98
10) Phenol	7.24	94	87492	43.533	ng	95
11) bis(2-Chloroethyl)ether	7.42	93	57827	37.215	ng	93
12) 1,3-Dichlorobenzene	7.89	146	82419	38.982	ng	97
13) 1,4-Dichlorobenzene	8.04	146	83168	38.880	ng	98
14) 1,2-Dichlorobenzene	8.36	146	81025	38.794	ng	94
15) Benzyl Alcohol	8.25	79	62417	40.409	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	84187	37.260	ng	96
17) 2-Methylphenol	8.48	107	61573	42.025	ng	98
18) Hexachloroethane	9.09	117	29242	37.890	ng	94
19) n-Nitroso-di-n-propylamine	8.81	70	52692	37.076	ng	93
20) 3+4-Methylphenols	8.81	107	82021	40.825	ng	92
22) Acetophenone	8.83	105	106181	37.639	ng	# 94
24) Nitrobenzene	9.21	77	82375	40.470	ng	# 95
25) Isophorone	9.73	82	151313	38.734	ng	100
26) 2-Nitrophenol	9.92	139	42392	43.139	ng	97
27) 2,4-Dimethylphenol	10.00	122	69503	49.347	ng	95
28) bis(2-Chloroethoxy)methane	10.22	93	84169	39.038	ng	97
29) 2,4-Dichlorophenol	10.48	162	76569	42.430	ng	92
30) 1,2,4-Trichlorobenzene	10.67	180	89065	39.159	ng	98
31) Naphthalene	10.86	128	226423	40.494	ng	99
32) Benzoic acid	10.17	122	33556	34.369	ng	95
33) 4-Chloroaniline	10.99	127	61296	26.743	ng	97
34) Hexachlorobutadiene	11.14	225	61529	36.595	ng	92
35) Caprolactam	11.74	113	23894	38.445	ng	90
36) 4-Chloro-3-methylphenol	12.13	107	84588	42.972	ng	94
37) 2-Methylnaphthalene	12.47	142	173604	40.465	ng	97
38) 1-Methylnaphthalene	12.68	142	165569	40.560	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	111301	35.918	ng	99

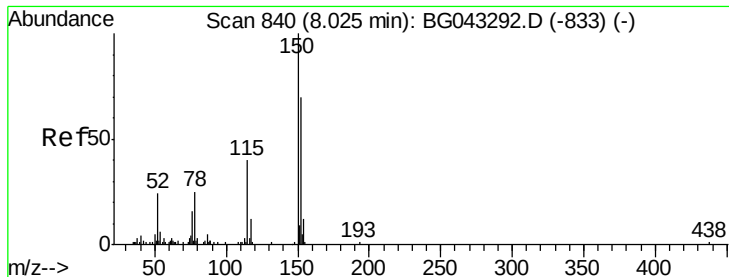
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	61726	37.920	nq	99
43) 2,4,6-Trichlorophenol	13.08	196	71142	38.985	nq	96
44) 2,4,5-Trichlorophenol	13.17	196	77120	41.802	nq	97
46) 1,1'-Biphenyl	13.47	154	230811	36.236	nq	97
47) 2-Chloronaphthalene	13.51	162	180793	37.304	nq	100
48) 2-Nitroaniline	13.72	65	56043	38.690	nq	94
49) Acenaphthylene	14.36	152	291363	38.627	nq	99
50) Dimethylphthalate	14.09	163	232213	35.805	nq	99
51) 2,6-Dinitrotoluene	14.21	165	52938	37.573	nq	96
52) Acenaphthene	14.70	154	171656	37.317	nq	96
53) 3-Nitroaniline	14.55	138	41858	30.771	nq	97
54) 2,4-Dinitrophenol	14.76	184	53821	62.886	nq	97
55) Dibenzofuran	15.03	168	285033	38.211	nq	99
56) 4-Nitrophenol	14.90	139	80457	88.260	nq	95
57) 2,4-Dinitrotoluene	15.00	165	77570	38.524	nq	97
58) Fluorene	15.69	166	238161	38.066	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	75516	38.526	nq	# 98
60) Diethylphthalate	15.45	149	236952	36.362	nq	99
61) 4-Chlorophenyl-phenylether	15.67	204	134098	36.741	nq	97
62) 4-Nitroaniline	15.72	138	52189	37.149	nq	99
63) Azobenzene	15.97	77	201018	38.115	nq	97
65) 4,6-Dinitro-2-methylphenol	15.77	198	45687	38.638	nq	93
66) n-Nitrosodiphenylamine	15.89	169	215435	37.979	nq	98
67) 4-Bromophenyl-phenylether	16.57	248	97128	35.921	nq	97
68) Hexachlorobenzene	16.69	284	109432	35.258	nq	96
69) Atrazine	16.84	200	88533	44.916	nq	99
70) Pentachlorophenol	17.04	266	107640	76.109	nq	98
71) Phenanthrene	17.42	178	393157	38.213	nq	100
72) Anthracene	17.52	178	399262	38.786	nq	99
73) Carbazole	17.80	167	367223	39.393	nq	99
74) Di-n-butylphthalate	18.34	149	439281	38.837	nq	99
75) Fluoranthene	19.43	202	532261	39.682	nq	99
77) Benzidine	19.62	184	76366	17.206	nq	99
78) Pyrene	19.80	202	546578	40.039	nq	100
80) Butylbenzylphthalate	20.68	149	201268	38.916	nq	95
81) Benzo(a)anthracene	21.63	228	540748	39.144	nq	98
82) 3,3'-Dichlorobenzidine	21.55	252	173174	32.410	nq	96
83) Chrysene	21.70	228	524162	38.188	nq	96
84) Bis(2-ethylhexyl)phthalate	21.53	149	291519	39.680	nq	98
85) Di-n-octyl phthalate	22.73	149	489466	39.270	nq	99
86) Indeno(1,2,3-cd)pyrene	28.49	276	655157	38.026	nq	# 94
88) Benzo(b)fluoranthene	23.84	252	552942	54.826	nq	100
89) Benzo(k)fluoranthene	23.90	252	563518	55.502	nq	100
90) Benzo(a)pyrene	24.69	252	503522	52.282	nq	98
91) Dibenzo(a,h)anthracene	28.54	278	564991	57.354	nq	98
92) Benzo(g,h,i)perylene	29.62	276	558874	57.515	nq	99

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

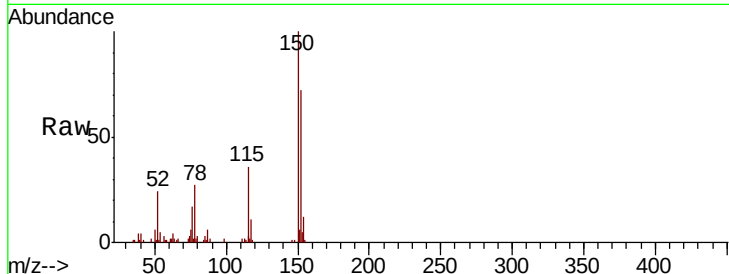


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BG043568.D
 Acq: 8 Nov 2019 14:11

Instrument :
 BNA_G
 ClientSampleId :
 PB124640BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.3	129.4	194.0
115	50.4	48.8	73.2

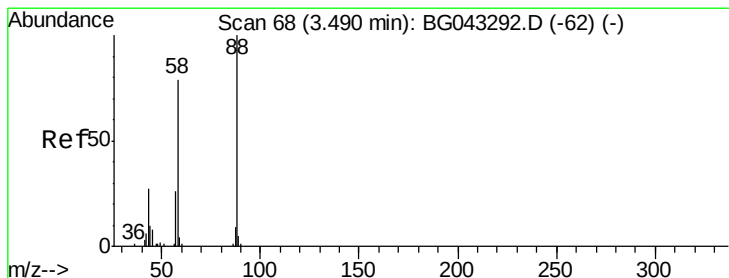
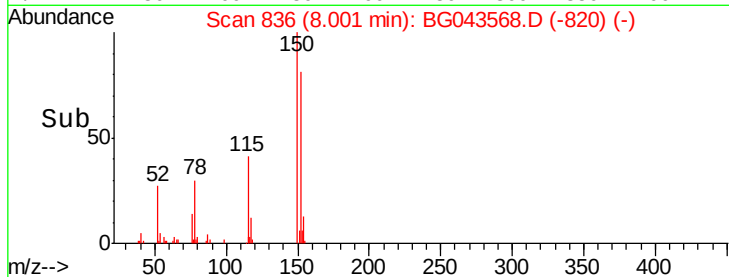
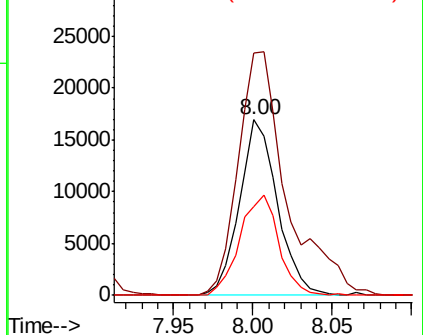


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

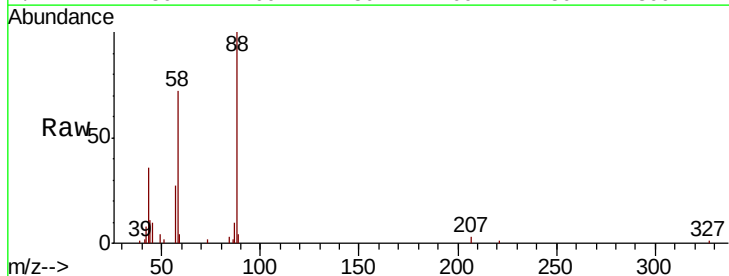
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 37.846 ng
 RT: 3.46 min Scan# 63
 Delta R.T. -0.01 min
 Lab File: BG043568.D
 Acq: 8 Nov 2019 14:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.7	62.7	94.1
43	33.7	23.7	35.5

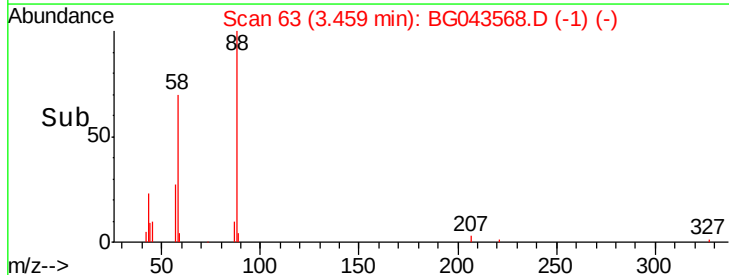
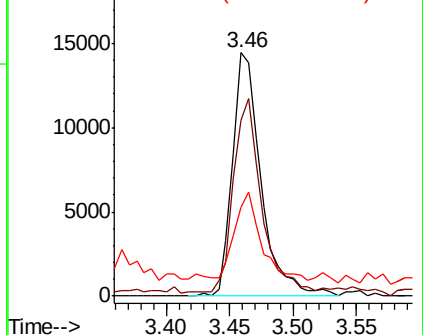


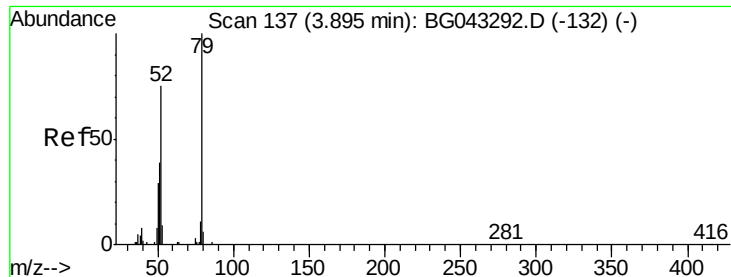
Abundance

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: 35.255 ng

RT: 3.86 min Scan# 132

Delta R.T. -0.01 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

Instrument :

BNA_G

ClientSampleId :

PB124640BS

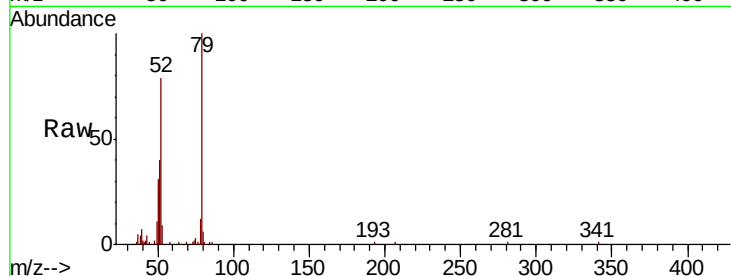
Tot Ion: 79 Resp: 52978

Ion Ratio Lower Upper

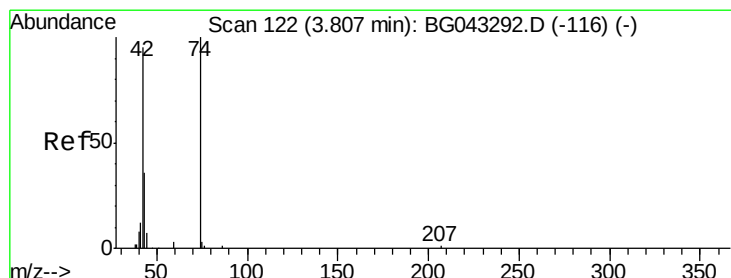
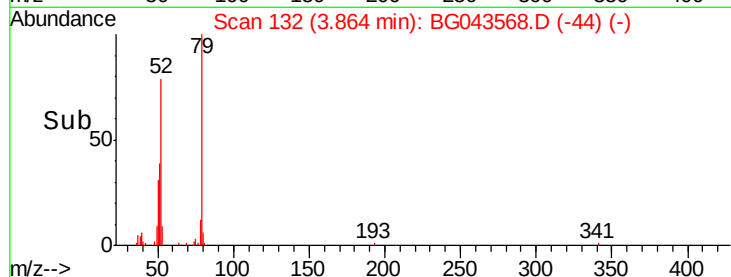
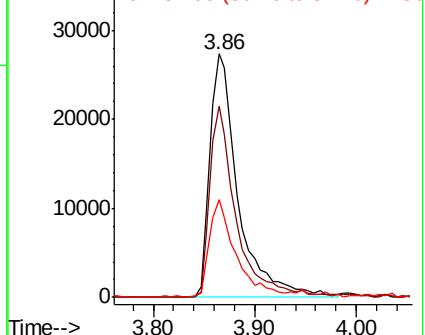
79 100

52 78.6 56.5 84.7

51 39.9 33.2 49.8



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



#4

n-Nitrosodimethylamine

Concen: 44.450 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

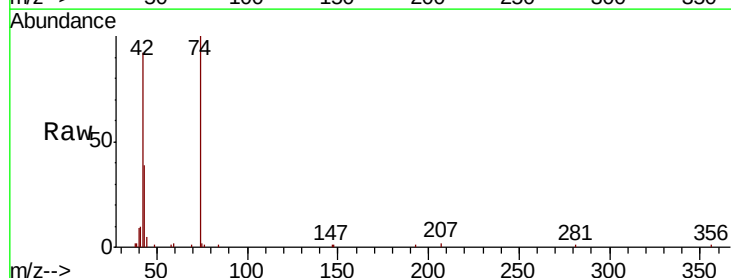
Tgt Ion: 42 Resp: 33705

Ion Ratio Lower Upper

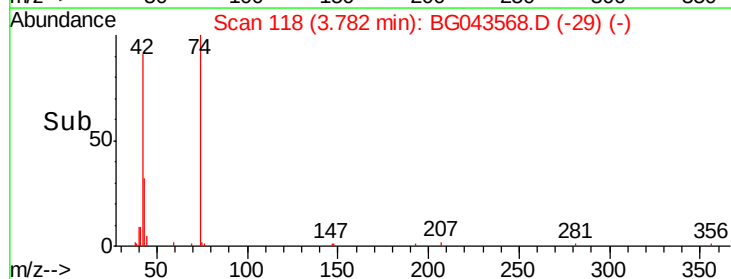
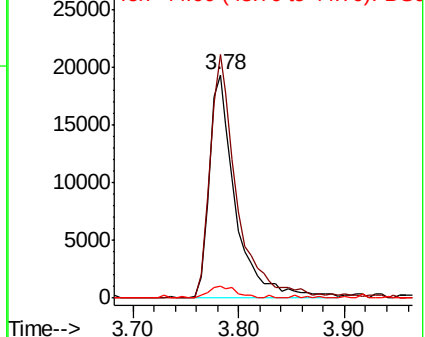
42 100

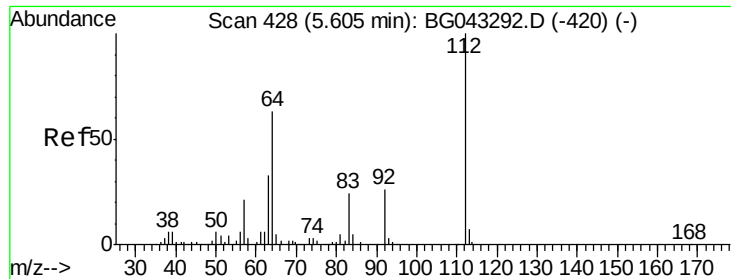
74 108.9 97.3 145.9

44 5.5 4.4 6.6



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: 123.718 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.01 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

Instrument :

BNA_G

ClientSampleId :

PB124640BS

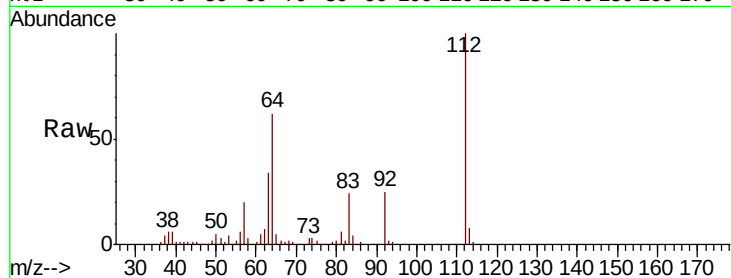
Tot Ion:112 Resp: 189123

Ion Ratio Lower Upper

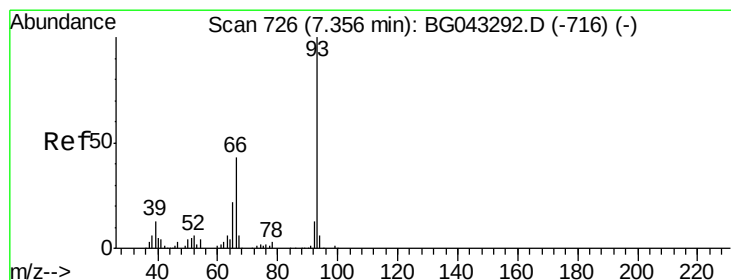
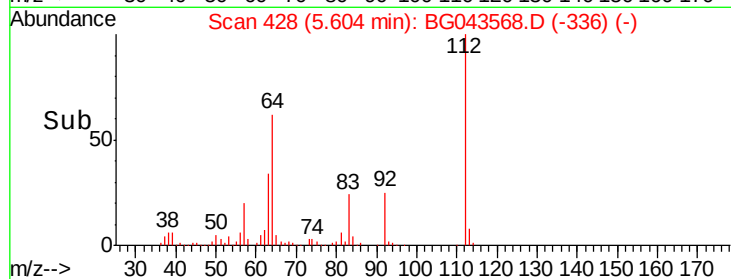
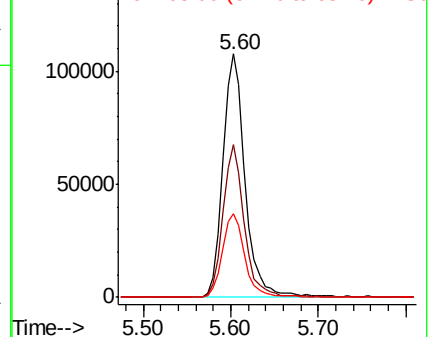
112 100

64 62.5 50.0 75.0

63 34.2 26.6 40.0



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: 24.964 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

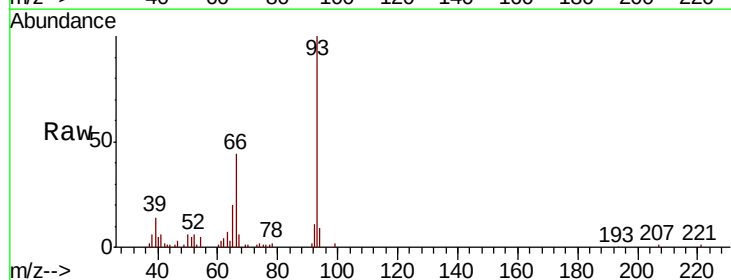
Tgt Ion: 93 Resp: 63249

Ion Ratio Lower Upper

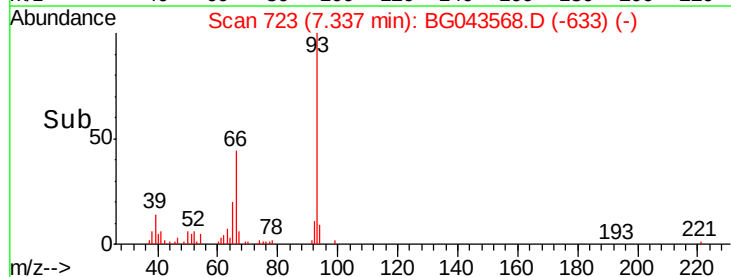
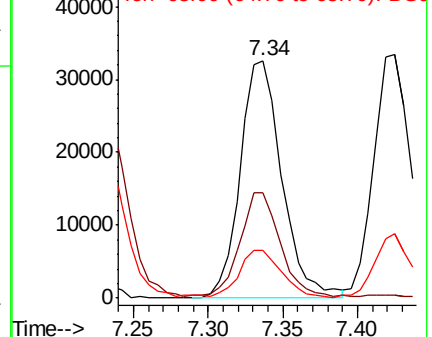
93 100

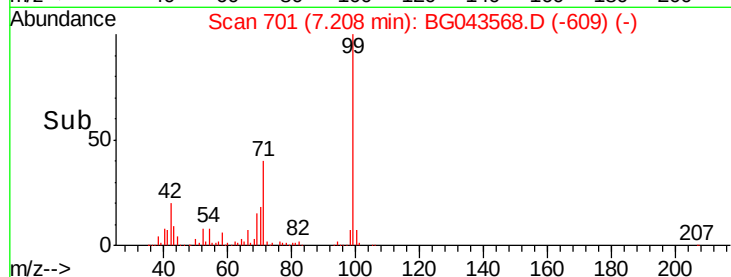
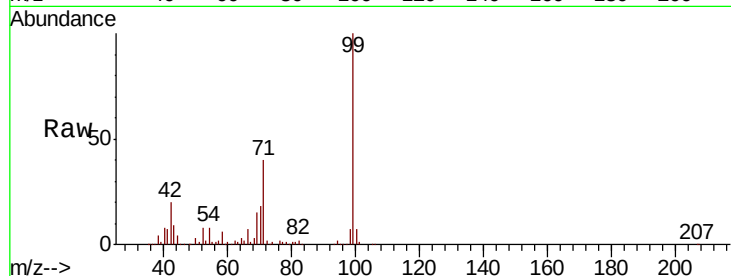
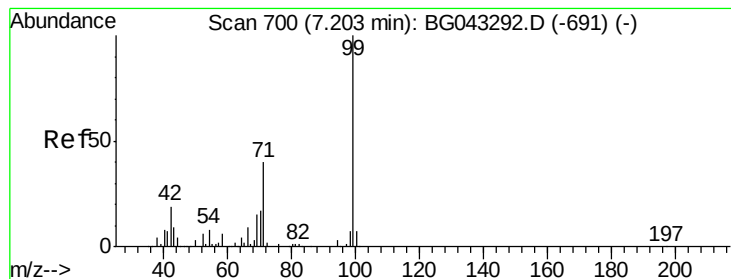
66 44.1 32.3 48.5

65 20.2 16.1 24.1



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: 114.078 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

Instrument :

BNA_G

ClientSampleId :

PB124640BS

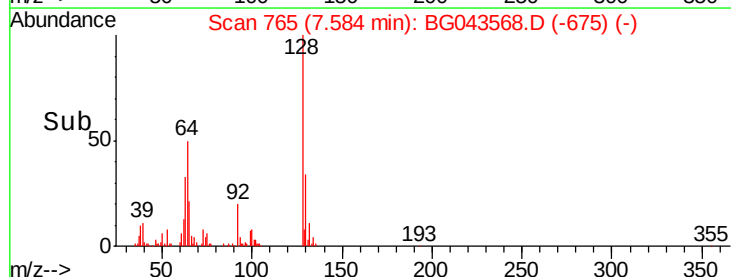
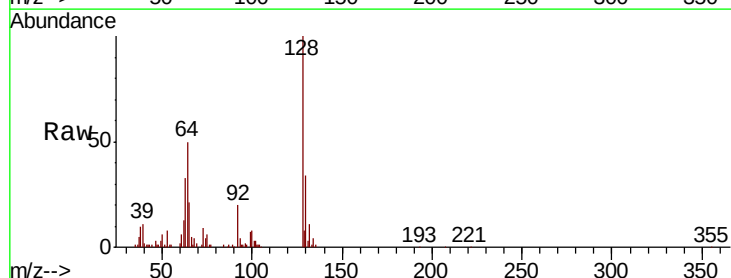
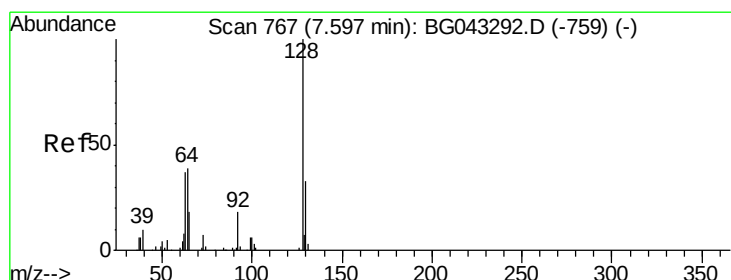
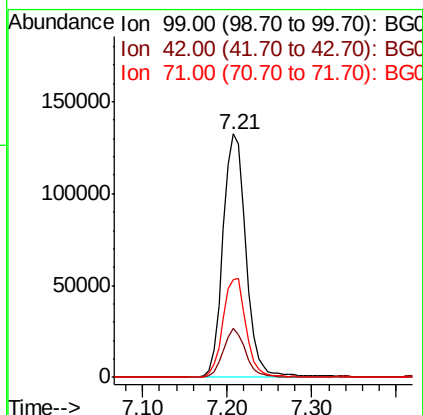
Tot Ion: 99 Resp: 250901

Ion Ratio Lower Upper

99 100

42 20.0 14.6 21.8

71 40.2 32.5 48.7



#8

2-Chlorophenol

Concen: 44.713 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

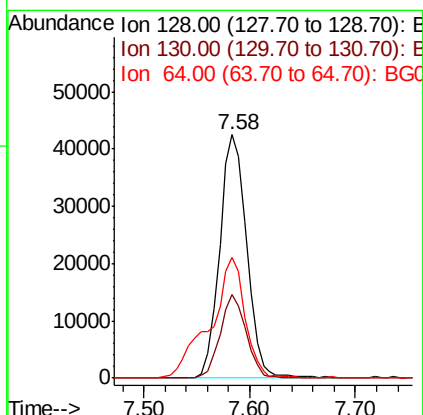
Tgt Ion: 128 Resp: 75451

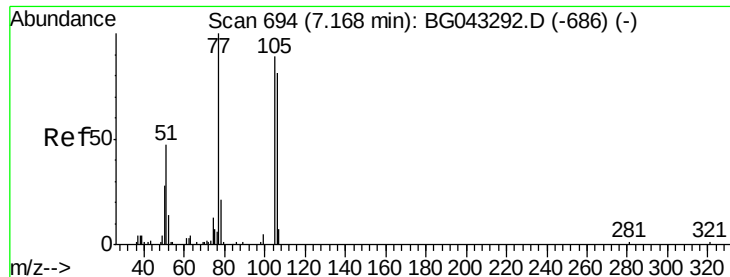
Ion Ratio Lower Upper

128 100

130 34.5 12.5 52.5

64 49.7 25.3 65.3





#9

Benzaldehyde

Concen: 19.493 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

Instrument :

BNA_G

ClientSampleId :

PB124640BS

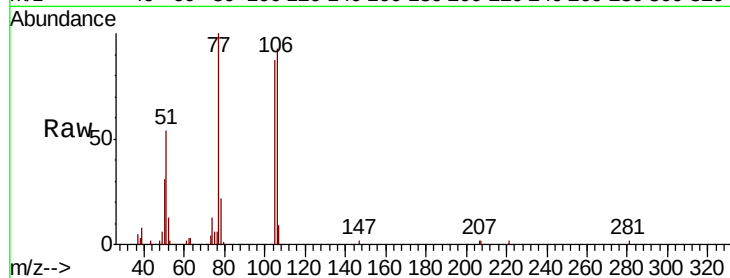
Tot Ion: 77 Resp: 21070

Ion Ratio Lower Upper

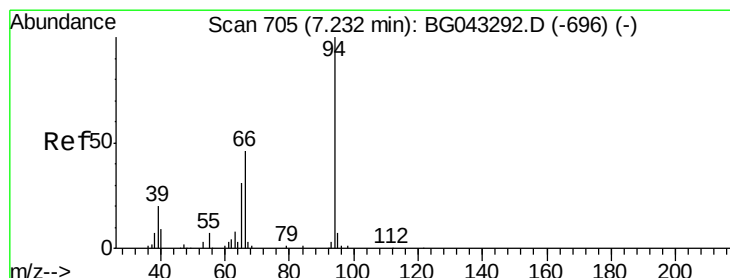
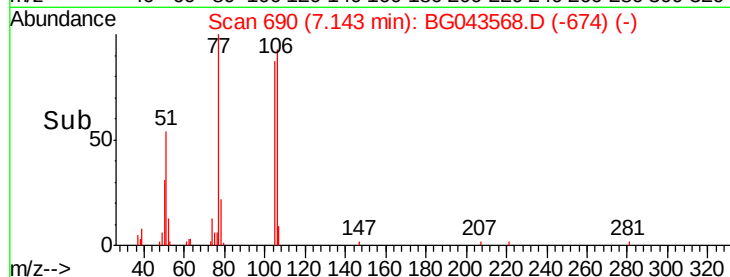
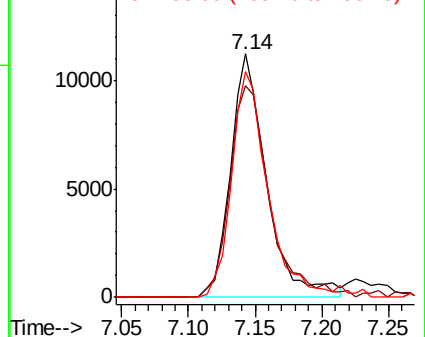
77 100

105 87.0 68.6 108.6

106 92.8 69.9 109.9



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



#10

Phenol

Concen: 43.533 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.02 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

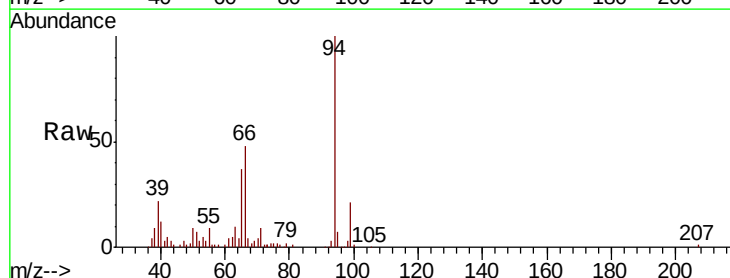
Tgt Ion: 94 Resp: 87492

Ion Ratio Lower Upper

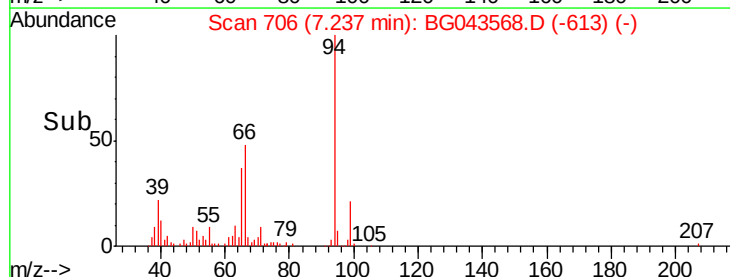
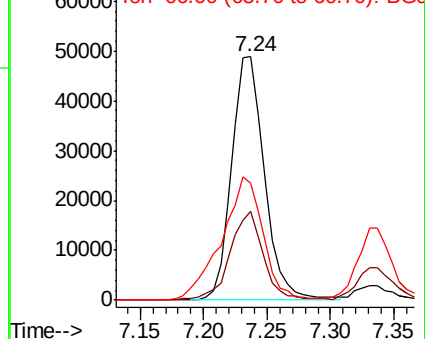
94 100

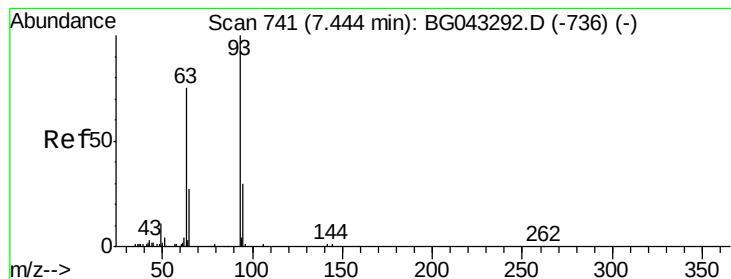
65 36.7 12.6 52.6

66 47.9 30.7 70.7



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





#11

bis(2-Chloroethyl)ether

Concen: 37.215 ng

RT: 7.42 min Scan# 738

Delta R.T. -0.01 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

Instrument :

BNA_G

ClientSampleId :

PB124640BS

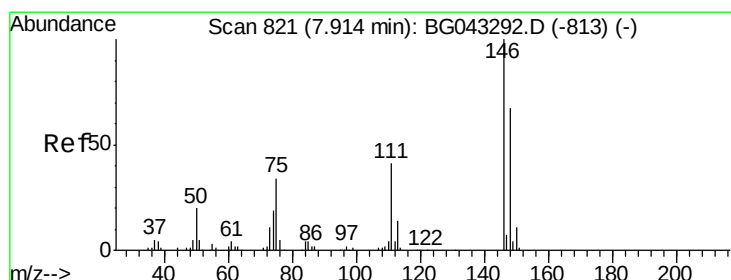
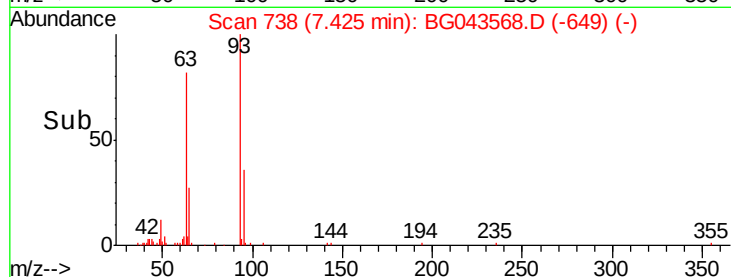
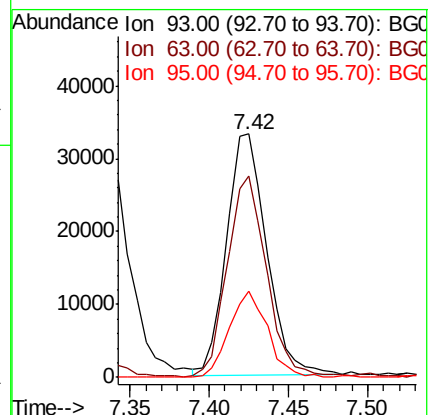
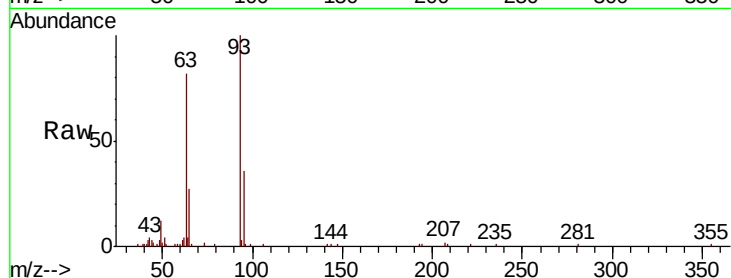
Tot Ion: 93 Resp: 57827

Ion Ratio Lower Upper

93 100

63 82.4 56.3 96.3

95 35.5 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 38.982 ng

RT: 7.89 min Scan# 818

Delta R.T. -0.01 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

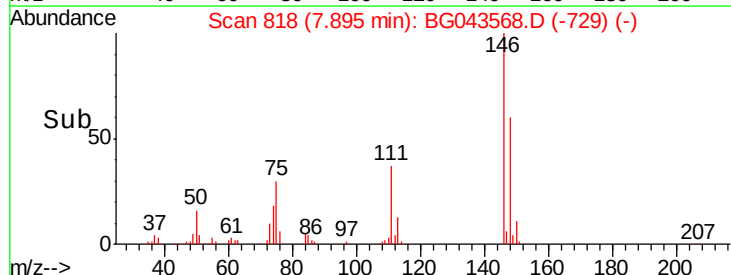
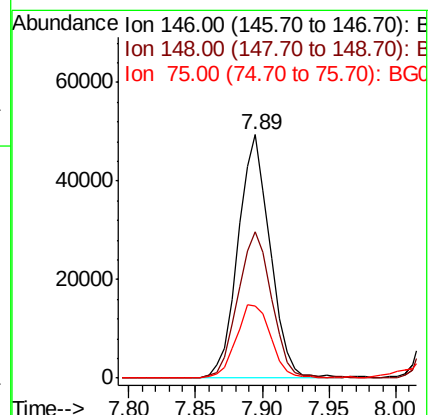
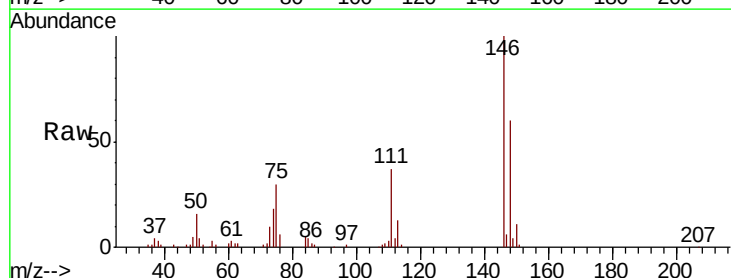
Tgt Ion: 146 Resp: 82419

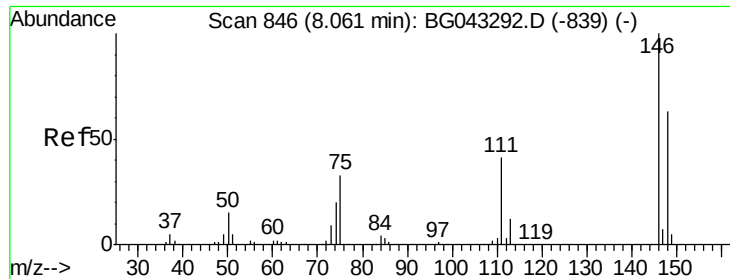
Ion Ratio Lower Upper

146 100

148 60.0 50.3 75.5

75 29.6 24.6 37.0





#13

1,4-Dichlorobenzene

Concen: 38.880 ng

RT: 8.04 min Scan# 842

Delta R.T. -0.01 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

Instrument :

BNA_G

ClientSampleId :

PB124640BS

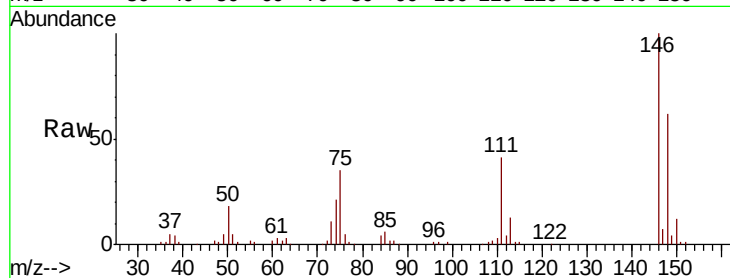
Tot Ion:146 Resp: 83168

Ion Ratio Lower Upper

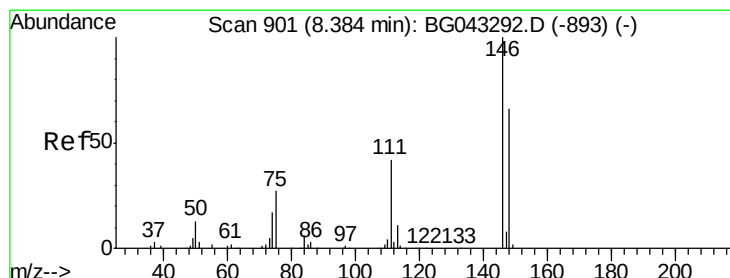
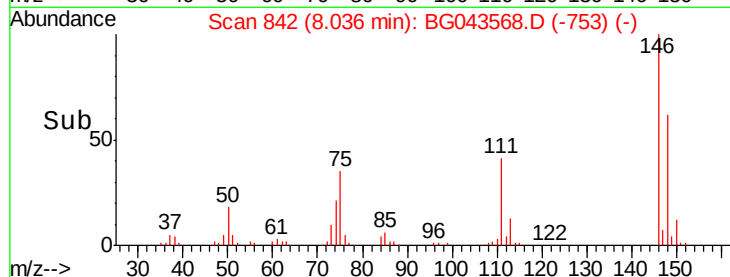
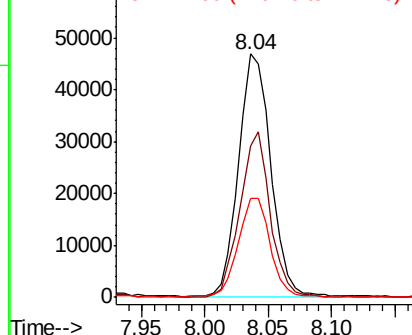
146 100

148 62.2 50.7 76.1

111 40.6 33.4 50.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.794 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

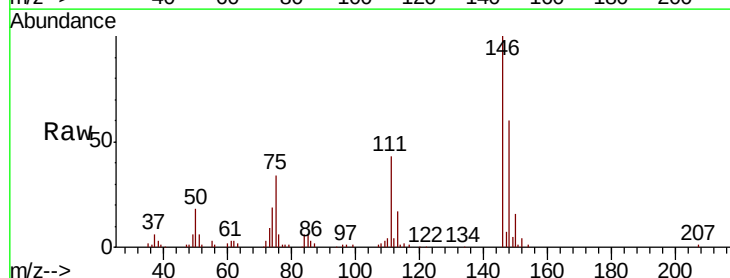
Tgt Ion:146 Resp: 81025

Ion Ratio Lower Upper

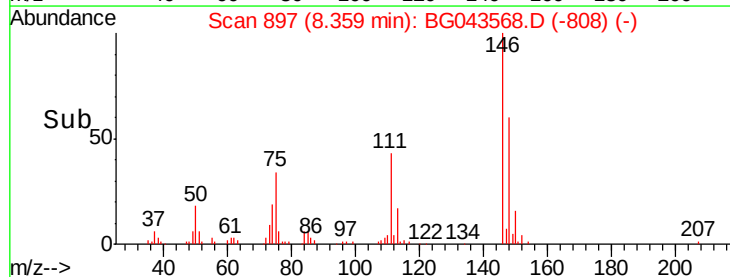
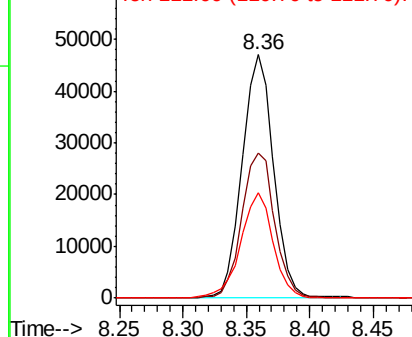
146 100

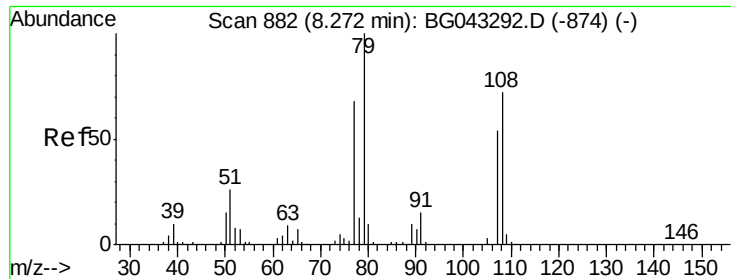
148 59.8 53.2 79.8

111 43.5 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.409 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

Instrument :

BNA_G

ClientSampleId :

PB124640BS

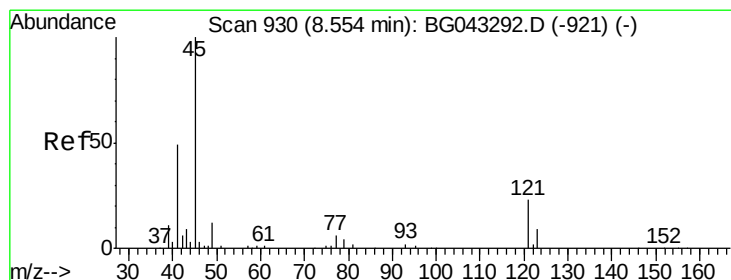
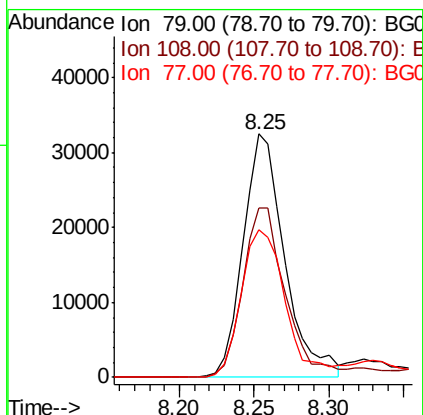
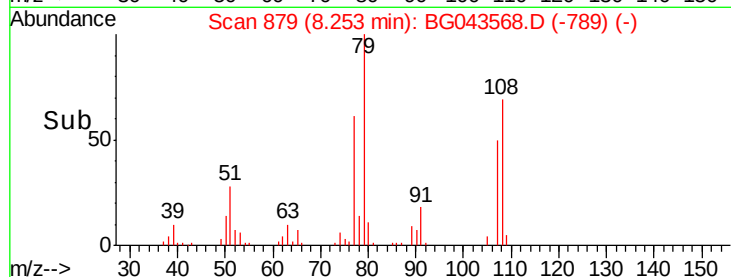
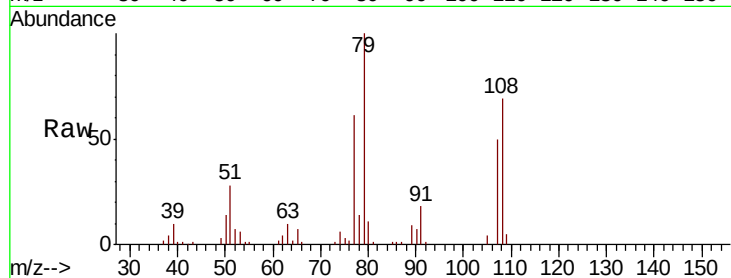
Tot Ion: 79 Resp: 62417

Ion Ratio Lower Upper

79 100

108 69.4 53.6 80.4

77 60.7 49.6 74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.260 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

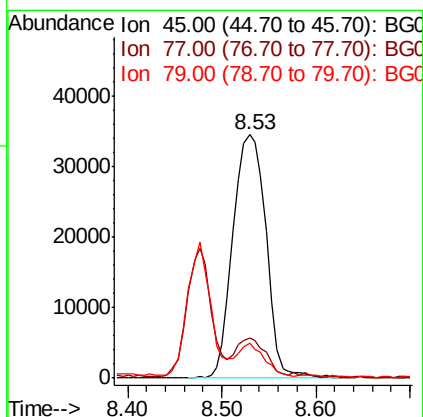
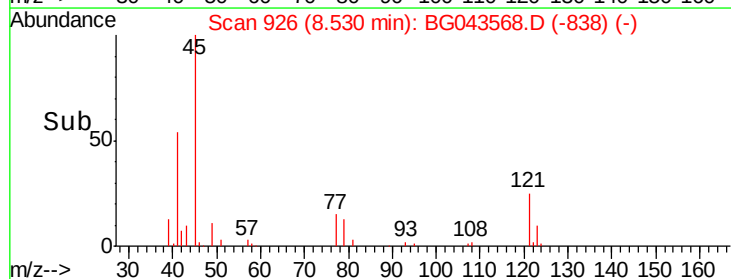
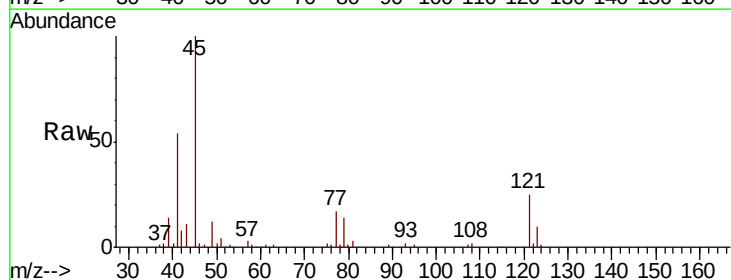
Tgt Ion: 45 Resp: 84187

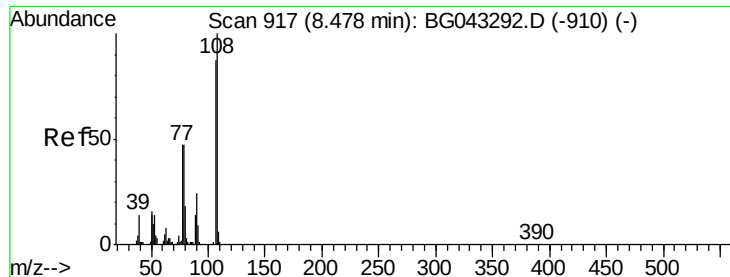
Ion Ratio Lower Upper

45 100

77 16.7 0.0 34.9

79 14.3 0.0 33.0





#17

2-Methylphenol

Concen: 42.025 ng

RT: 8.48 min Scan# 917

Delta R.T. 0.01 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

Instrument :

BNA_G

ClientSampleId :

PB124640BS

Tot Ion:107 Resp: 61573

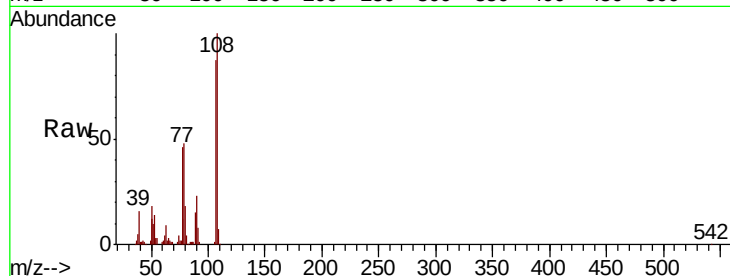
Ion Ratio Lower Upper

107 100

108 115.0 90.2 135.4

77 52.9 40.2 60.2

79 55.6 44.0 66.0

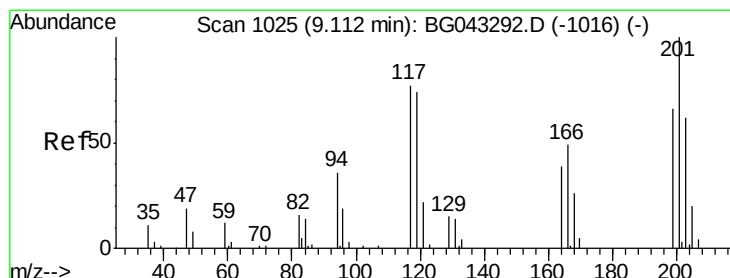
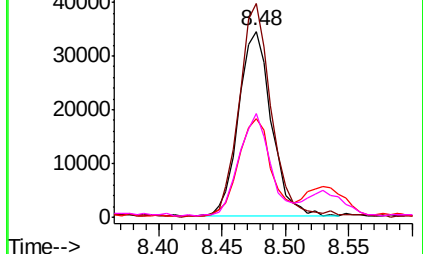
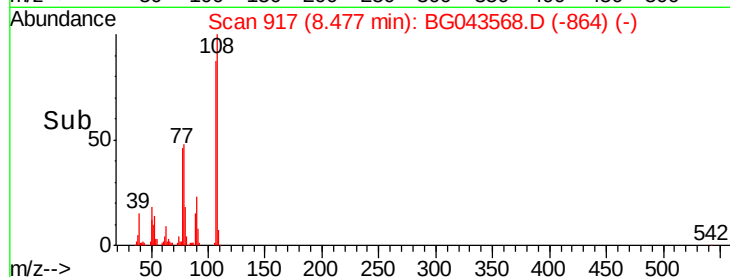


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.890 ng

RT: 9.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

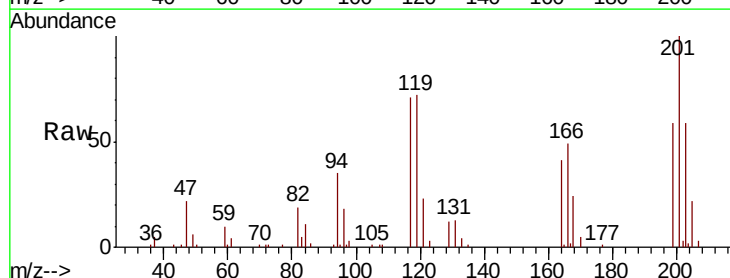
Tgt Ion:117 Resp: 29242

Ion Ratio Lower Upper

117 100

119 101.1 79.0 118.4

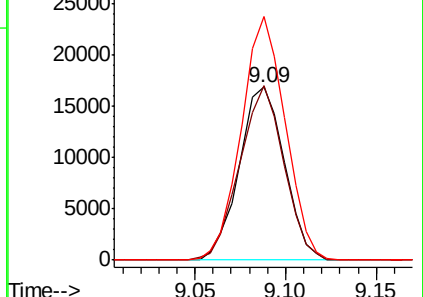
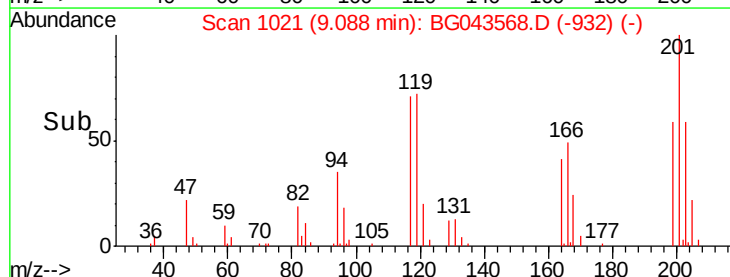
201 141.1 105.4 158.2

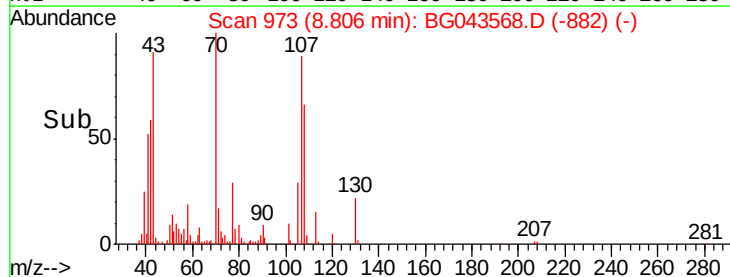
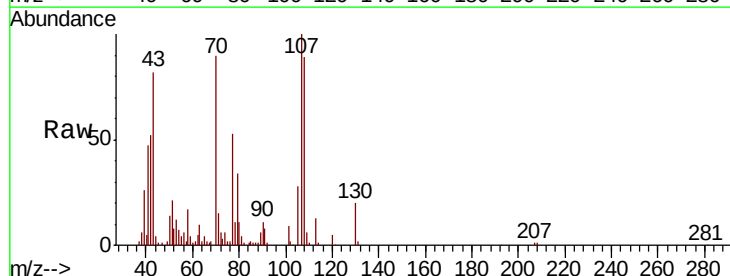
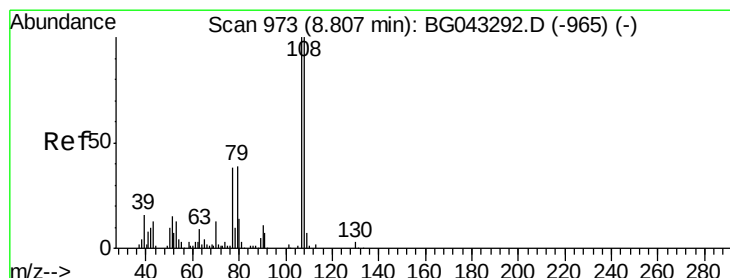
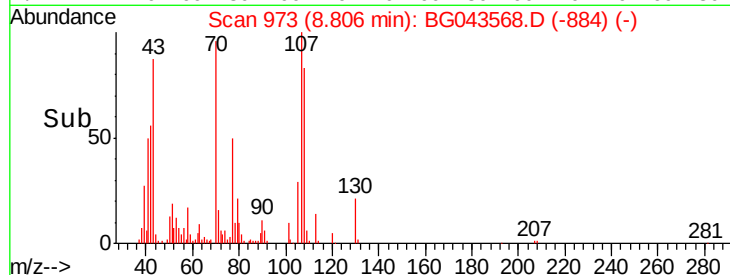
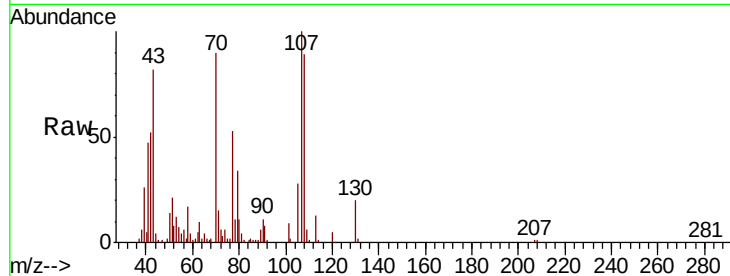
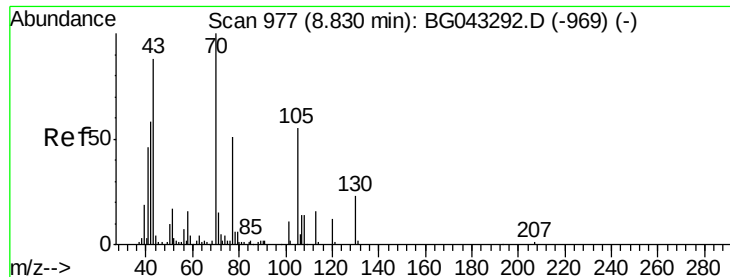


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

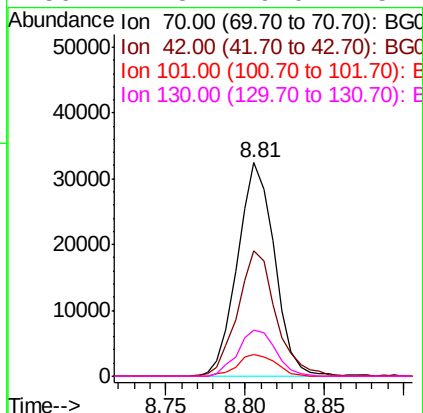




#19
n-Nitroso-di-n-propylamine
Concen: 37.076 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG043568.D
Acq: 8 Nov 2019 14:11

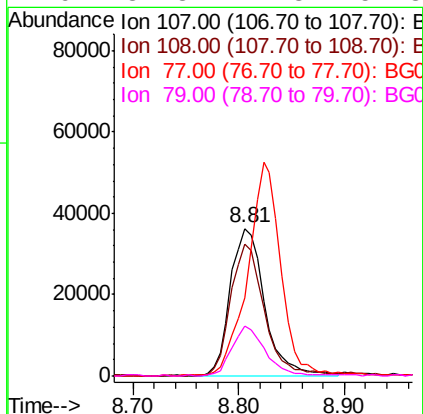
Instrument :
BNA_G
ClientSampleId :
PB124640BS

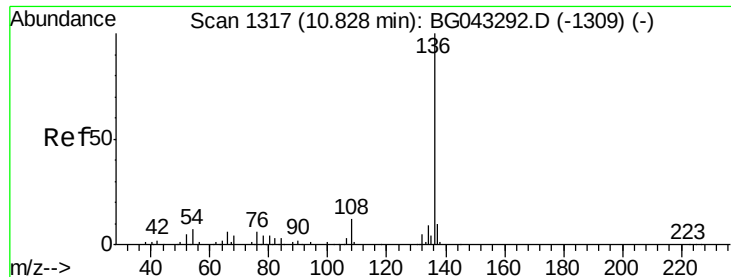
Tot Ion:	70	Resp:	52692
Ion	Ratio	Lower	Upper
70	100		
42	58.6	41.4	62.2
101	10.4	7.9	11.9
130	21.8	19.0	28.4



#20
3+4-Methylphenols
Concen: 40.825 ng
RT: 8.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG043568.D
Acq: 8 Nov 2019 14:11

Tgt Ion:	107	Resp:	82021
Ion	Ratio	Lower	Upper
107	100		
108	89.3	66.6	106.6
77	53.1	20.9	60.9
79	34.3	11.3	51.3

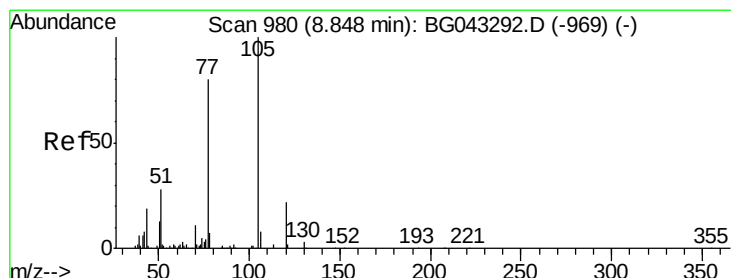
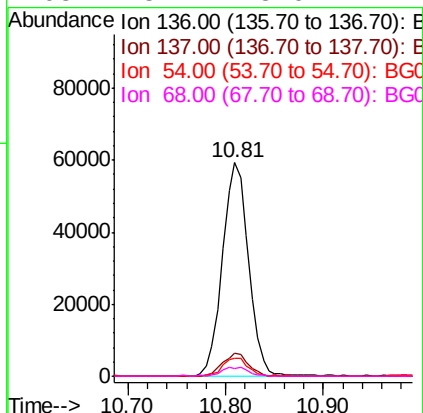
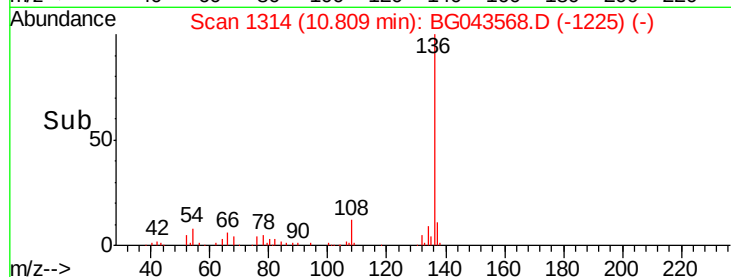
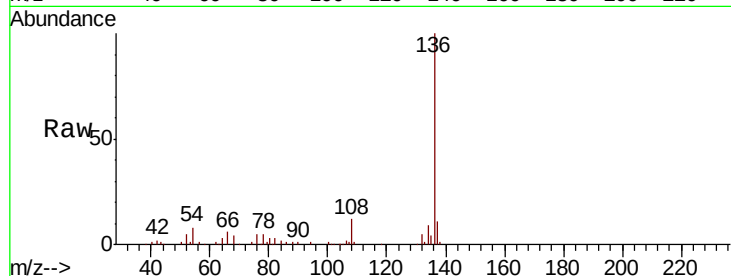




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043568.D
Acq: 8 Nov 2019 14:11

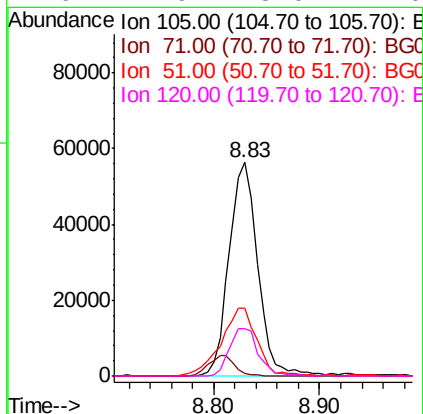
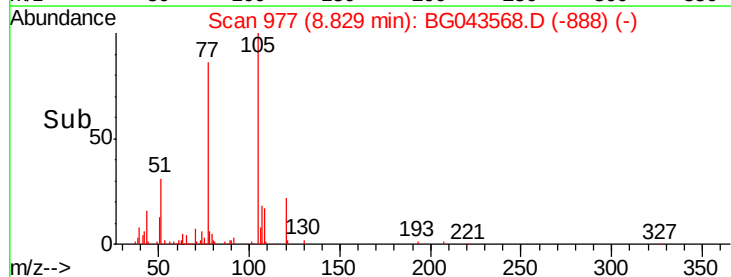
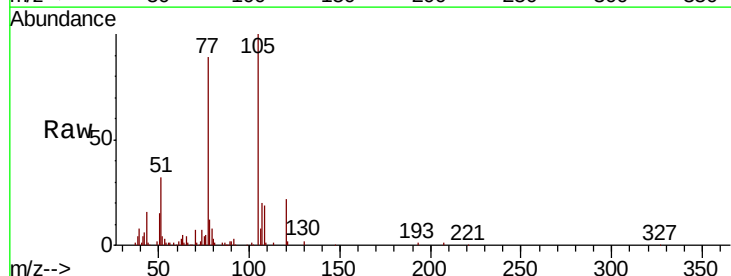
Instrument :
BNA_G
ClientSampleId :
PB124640BS

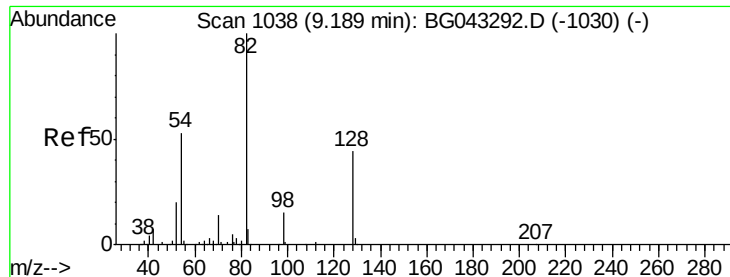
Tot Ion:136	Resp:	110157
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.7	13.1
54 8.1	5.4	8.2
68 3.7	3.0	4.4



#22
Acetophenone
Concen: 37.639 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG043568.D
Acq: 8 Nov 2019 14:11

Tgt	Ion:105	Resp:	106181
Ion	Ratio	Lower	Upper
105	100		
71	1.3	0.8	1.2#
51	31.9	21.0	31.4#
120	21.9	18.0	27.0





#23

Nitrobenzene-d5

Concen: 61.039 ng

RT: 9.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

Instrument :

BNA_G

ClientSampleId :

PB124640BS

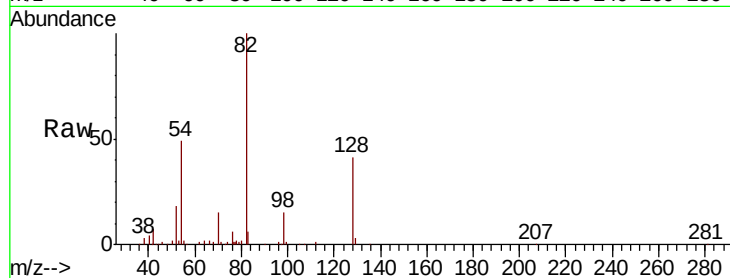
Tot Ion: 82 Resp: 130423

Ion Ratio Lower Upper

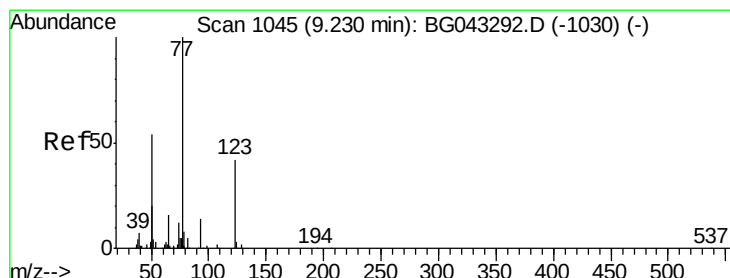
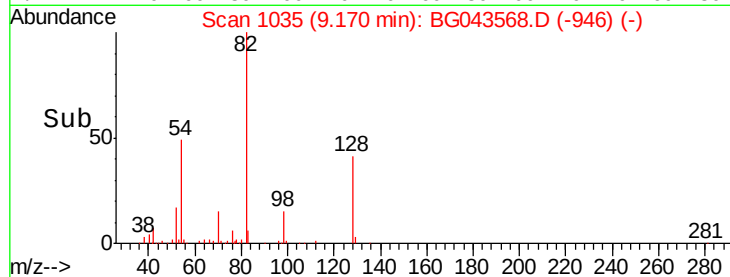
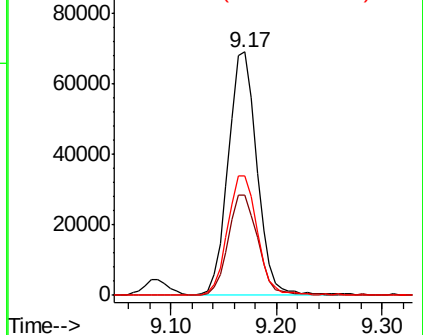
82 100

128 41.4 35.0 52.6

54 48.8 40.2 60.2



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: 40.470 ng

RT: 9.21 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

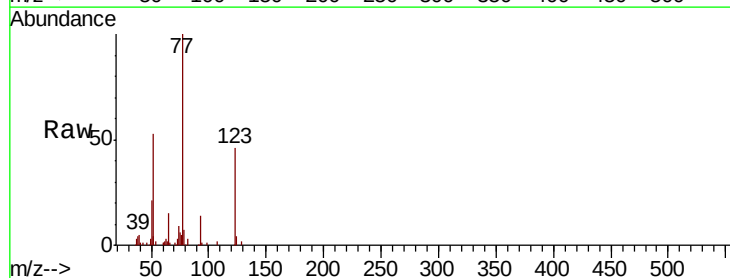
Tgt Ion: 77 Resp: 82375

Ion Ratio Lower Upper

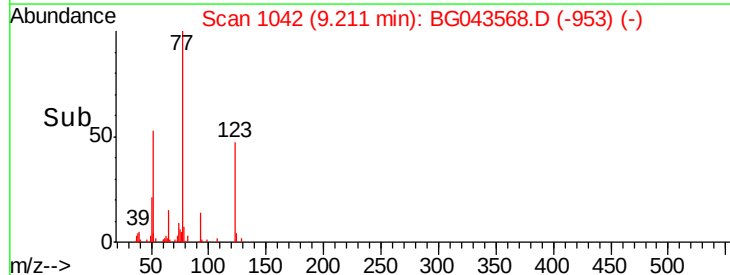
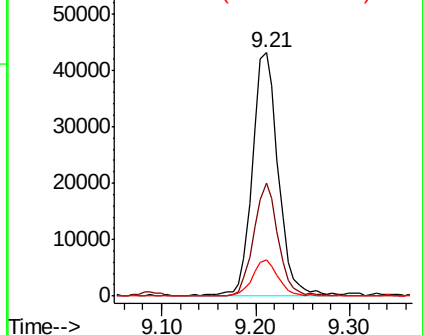
77 100

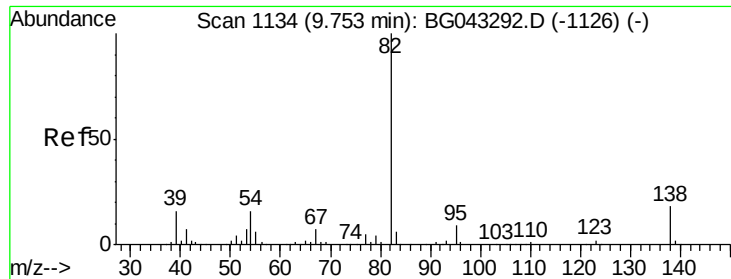
123 46.3 35.0 52.6

65 14.8 9.5 14.3#



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: 38.734 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

Instrument :

BNA_G

ClientSampleId :

PB124640BS

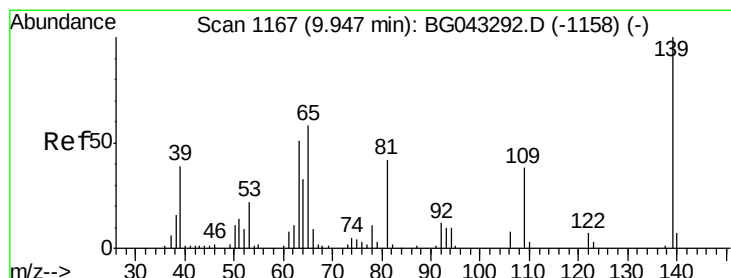
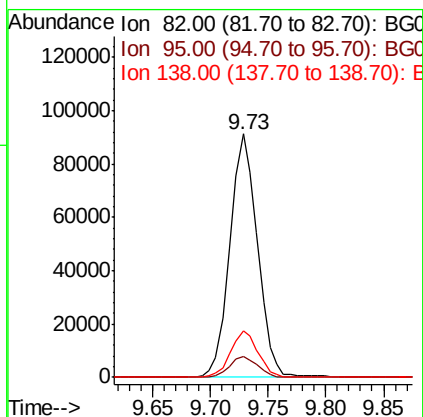
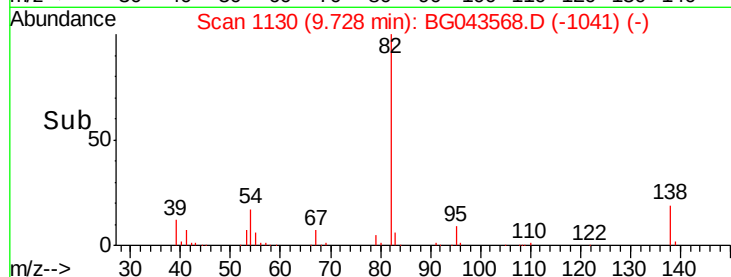
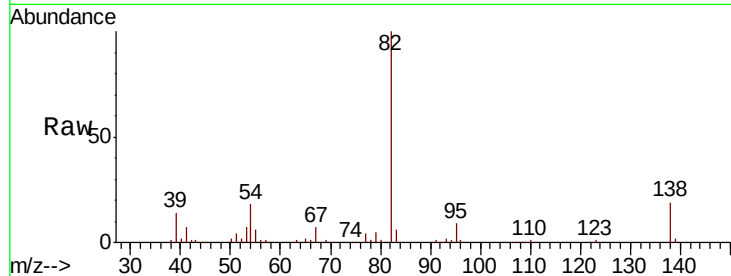
Tot Ion: 82 Resp: 151313

Ion Ratio Lower Upper

82 100

95 8.5 6.6 9.8

138 18.8 15.2 22.8



#26

2-Nitrophenol

Concen: 43.139 ng

RT: 9.92 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

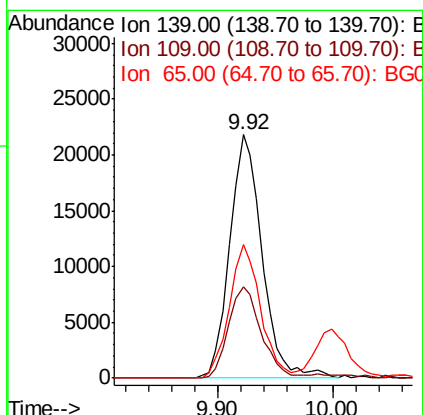
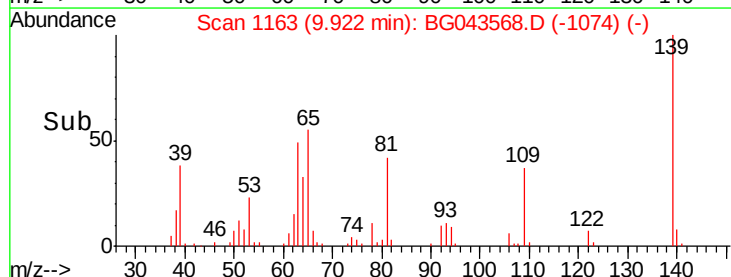
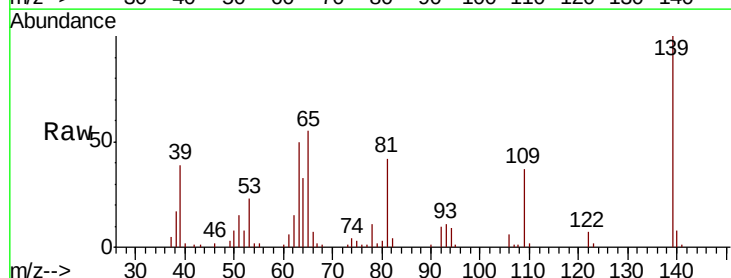
Tgt Ion: 139 Resp: 42392

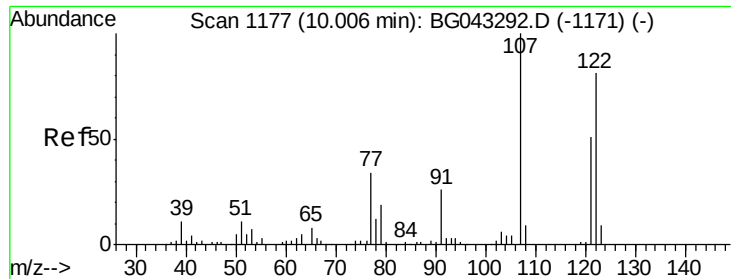
Ion Ratio Lower Upper

139 100

109 37.4 26.5 39.7

65 54.8 43.8 65.8

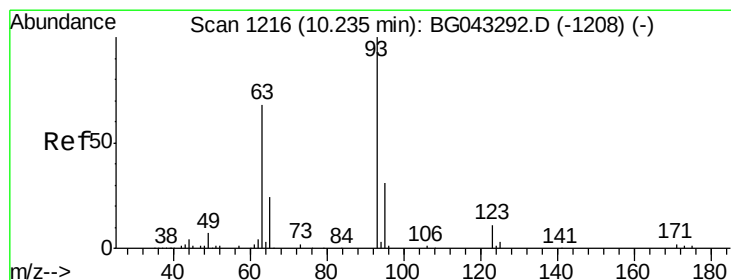
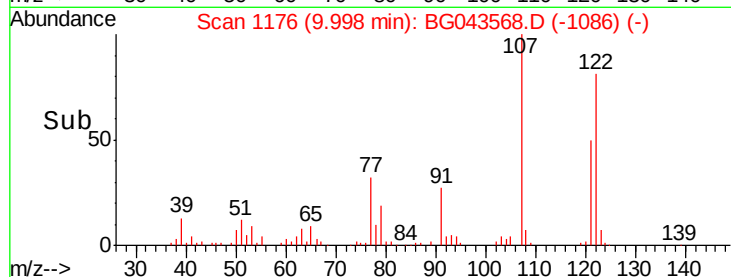
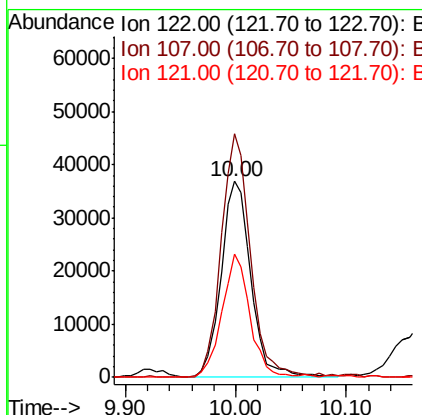
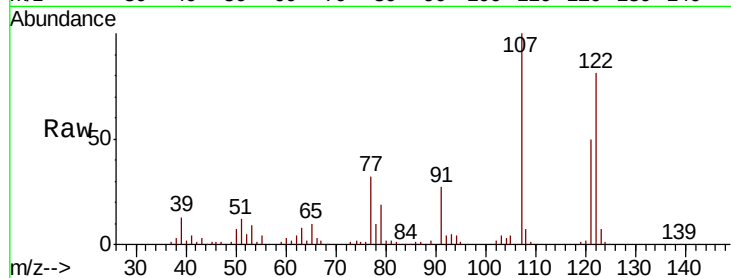




#27
 2,4-Dimethylphenol
 Concen: 49.347 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BG043568.D
 Acq: 8 Nov 2019 14:11

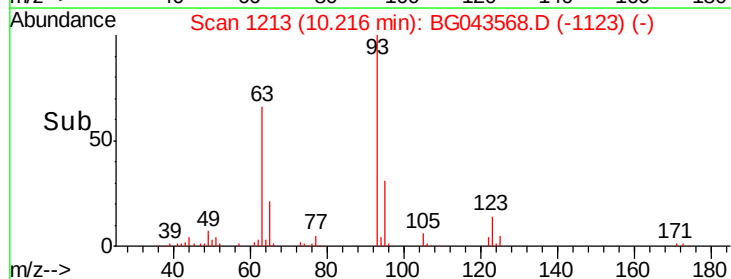
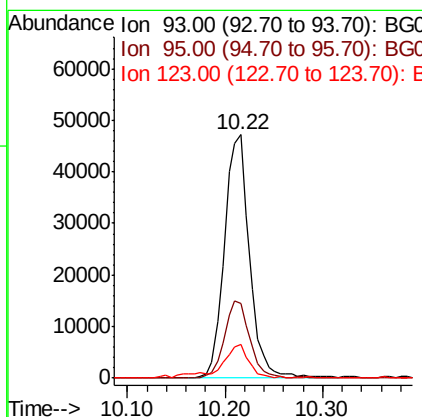
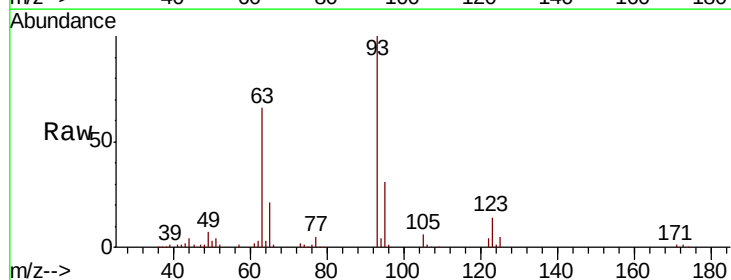
Instrument :
 BNA_G
 ClientSampleId :
 PB124640BS

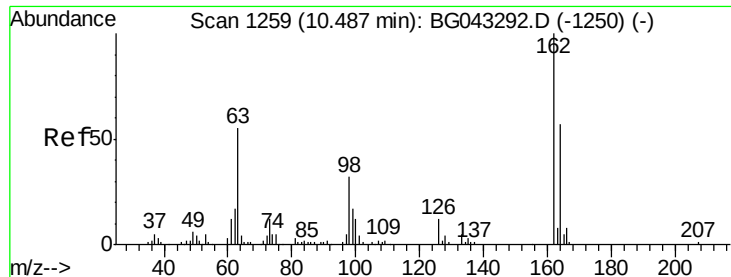
Tot Ion:122 Resp: 69503
 Ion Ratio Lower Upper
 122 100
 107 124.2 104.4 156.6
 121 62.6 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.038 ng
 RT: 10.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BG043568.D
 Acq: 8 Nov 2019 14:11

Tgt Ion: 93 Resp: 84169
 Ion Ratio Lower Upper
 93 100
 95 30.6 26.0 39.0
 123 13.7 10.6 15.8

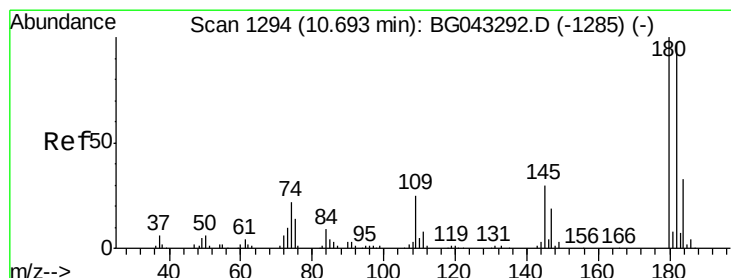
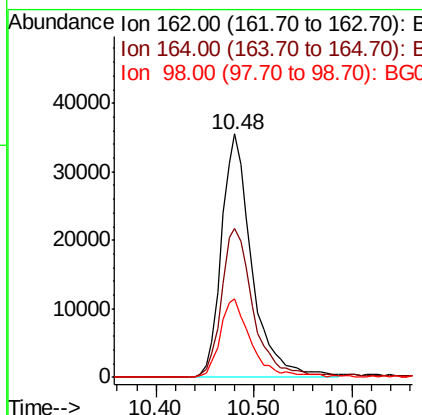
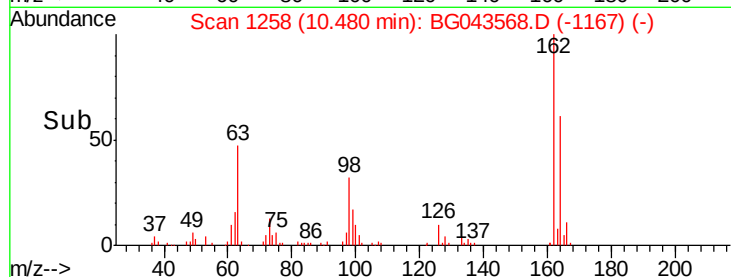
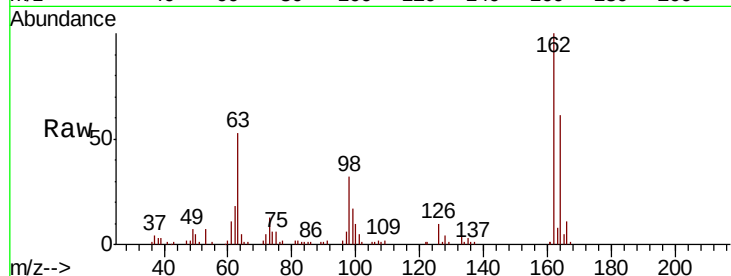




#29
2,4-Dichlorophenol
Concen: 42.430 ng
RT: 10.48 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BG043568.D
Acq: 8 Nov 2019 14:11

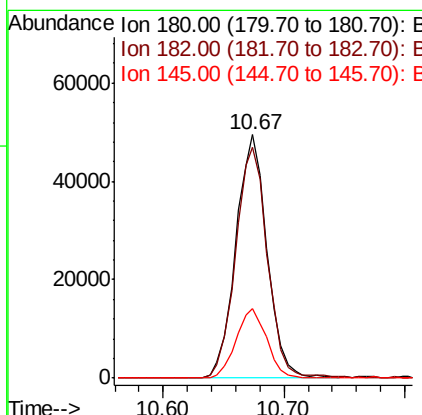
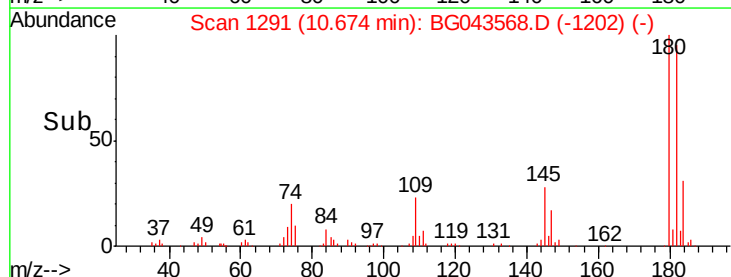
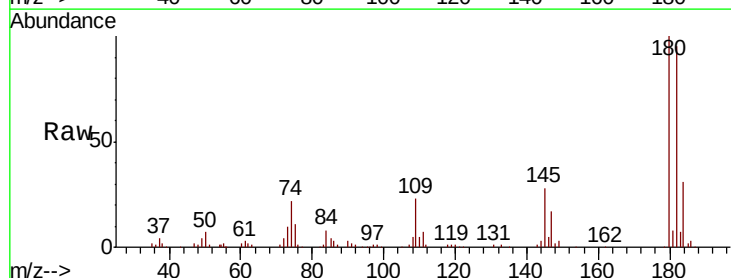
Instrument :
BNA_G
ClientSampleId :
PB124640BS

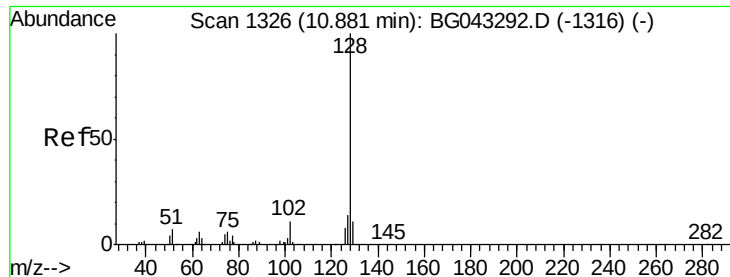
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.0	48.9	88.9
98	32.4	15.1	55.1



#30
1,2,4-Trichlorobenzene
Concen: 39.159 ng
RT: 10.67 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG043568.D
Acq: 8 Nov 2019 14:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.1	112.7
145	28.3	23.9	35.9

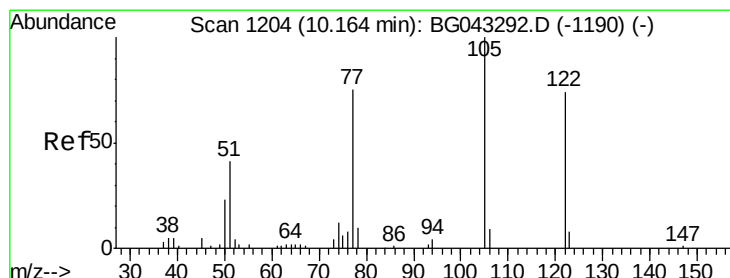
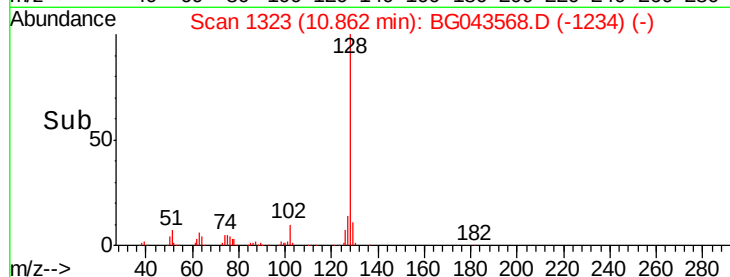
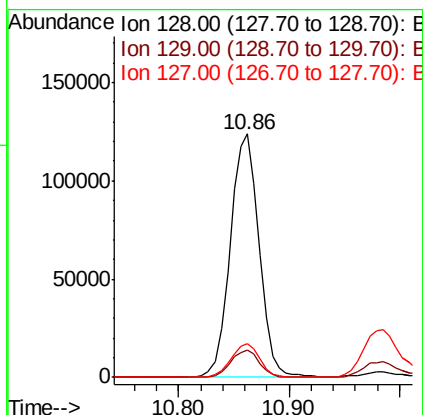
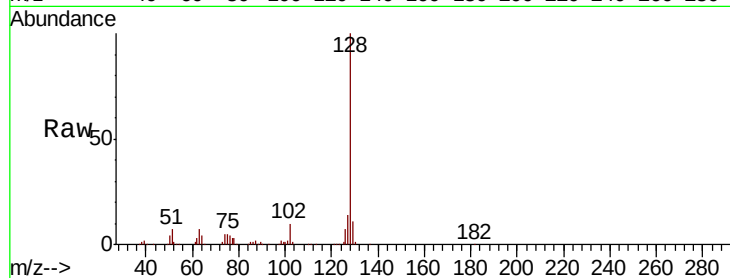




#31
Naphthalene
Concen: 40.494 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG043568.D
Acq: 8 Nov 2019 14:11

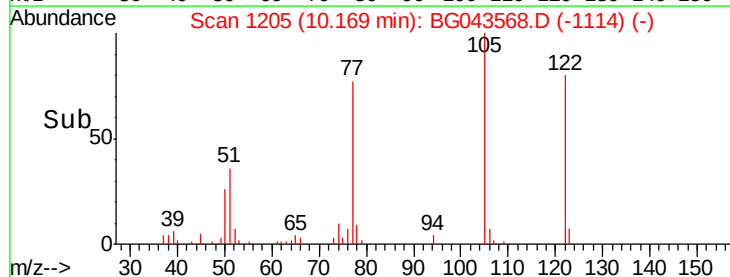
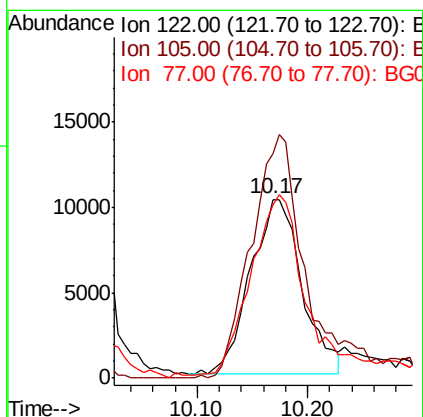
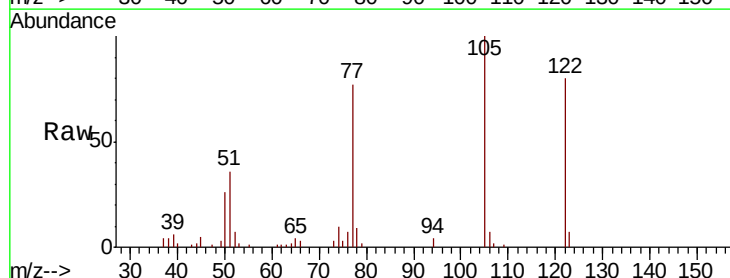
Instrument :
BNA_G
ClientSampleId :
PB124640BS

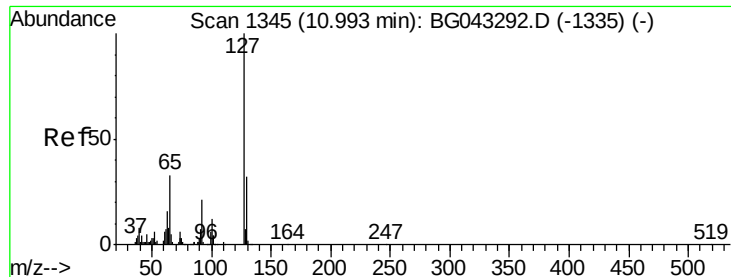
Tot Ion:128 Resp: 226423
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.7 11.1 16.7



#32
Benzoic acid
Concen: 34.369 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BG043568.D
Acq: 8 Nov 2019 14:11

Tgt Ion:122 Resp: 33556
Ion Ratio Lower Upper
122 100
105 125.5 103.3 143.3
77 97.0 84.9 124.9

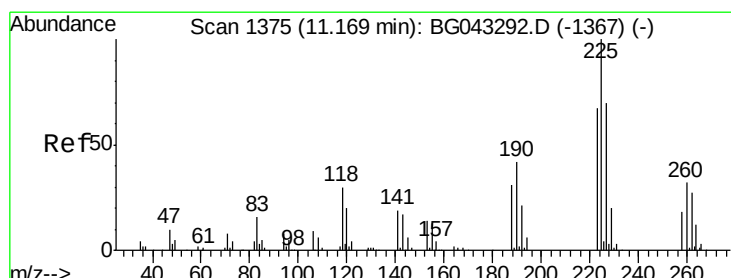
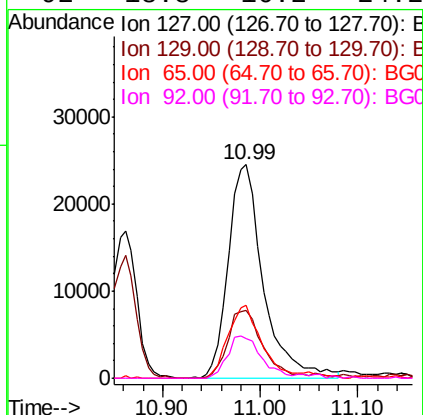
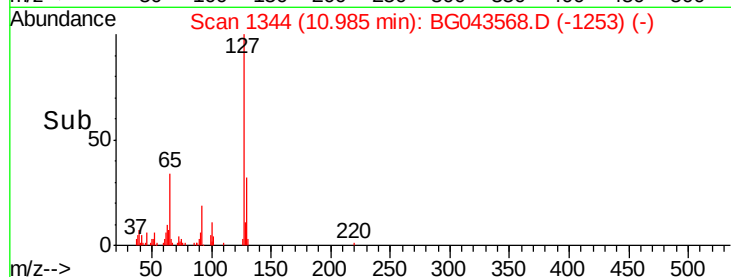
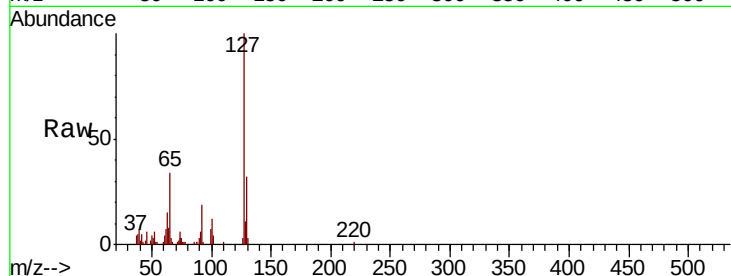




#33
4-Chloroaniline
Concen: 26.743 ng
RT: 10.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG043568.D
Acq: 8 Nov 2019 14:11

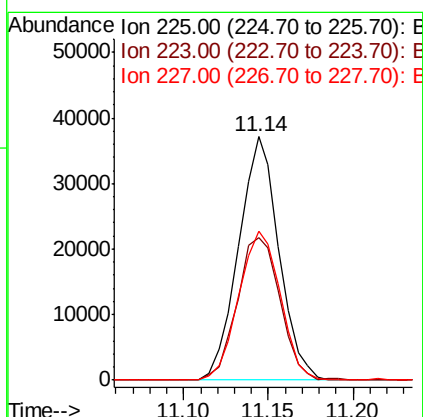
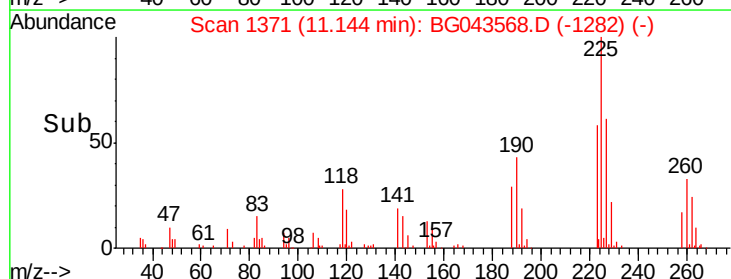
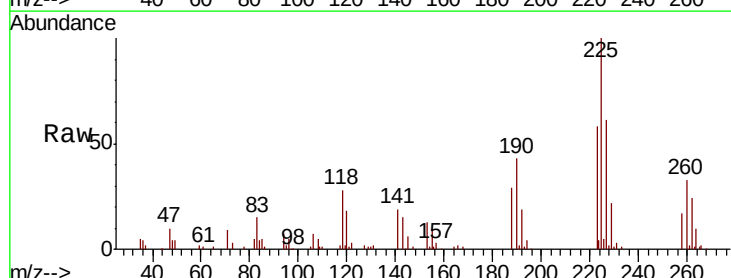
Instrument :
BNA_G
ClientSampleId :
PB124640BS

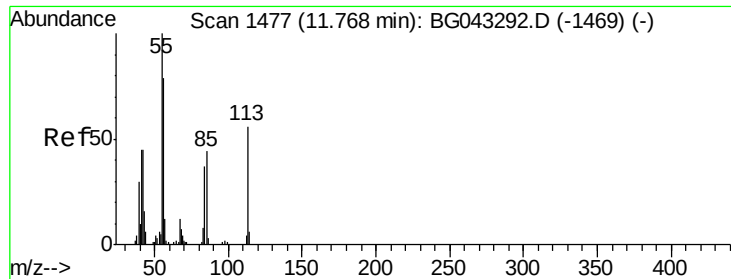
Tot Ion:	127	Resp:	61296
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.5	39.7
65	34.3	26.4	39.6
92	18.8	16.2	24.2



#34
Hexachlorobutadiene
Concen: 36.595 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG043568.D
Acq: 8 Nov 2019 14:11

Tgt Ion:	225	Resp:	61529
Ion	Ratio	Lower	Upper
225	100		
223	58.5	52.7	79.1
227	63.5	54.8	82.2





#35

Caprolactam

Concen: 38.445 ng

RT: 11.74 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

Instrument :

BNA_G

ClientSampleId :

PB124640BS

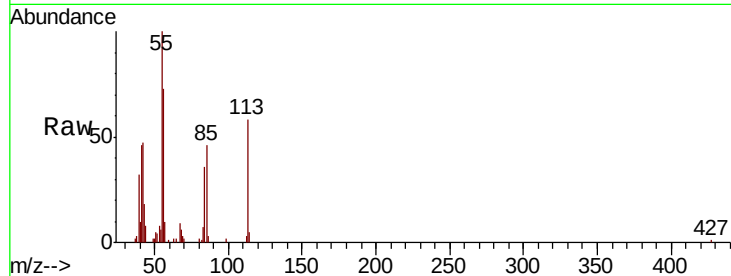
Tot Ion:113 Resp: 23894

Ion Ratio Lower Upper

113 100

55 172.4 134.1 174.1

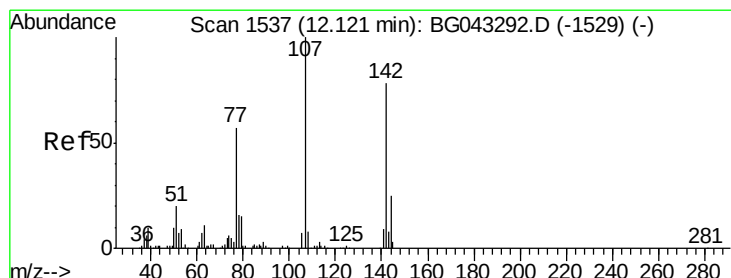
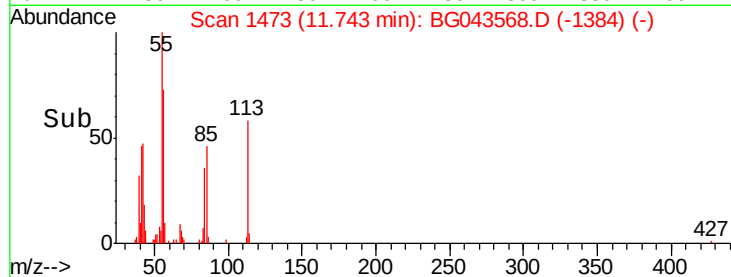
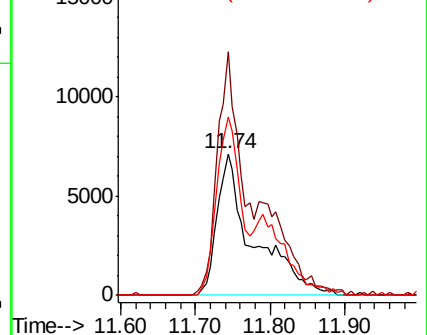
56 126.0 100.4 140.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 42.972 ng

RT: 12.13 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

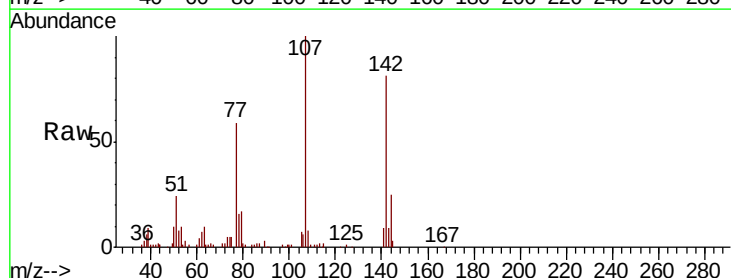
Tgt Ion:107 Resp: 84588

Ion Ratio Lower Upper

107 100

144 25.4 20.9 31.3

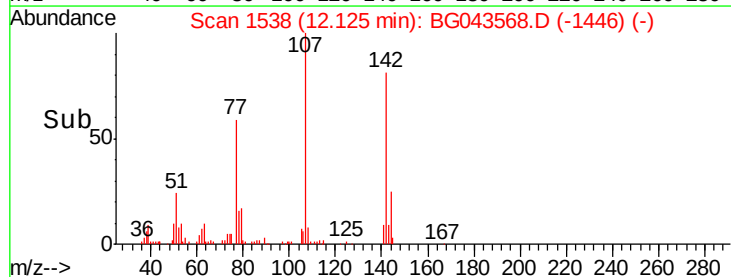
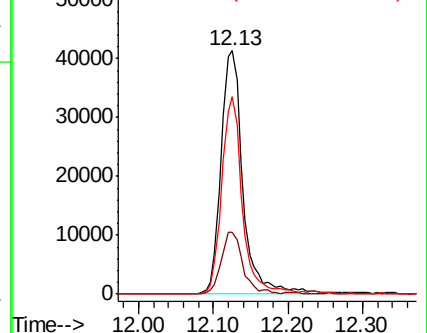
142 81.3 59.6 89.4

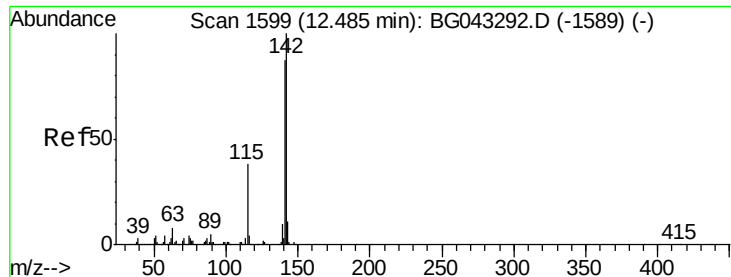


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

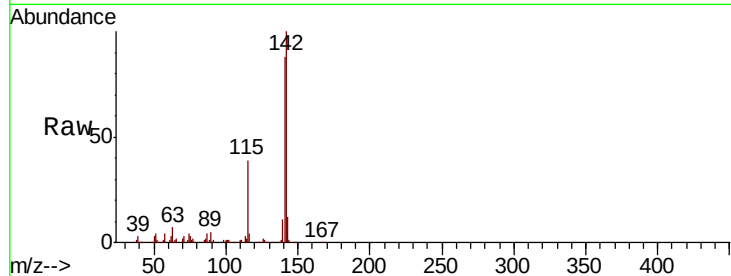




#37
 2-Methylnaphthalene
 Concen: 40.465 ng
 RT: 12.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BG043568.D
 Acq: 8 Nov 2019 14:11

Instrument :
 BNA_G
 ClientSampleId :
 PB124640BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.2	108.2
115	38.6	33.2	49.8

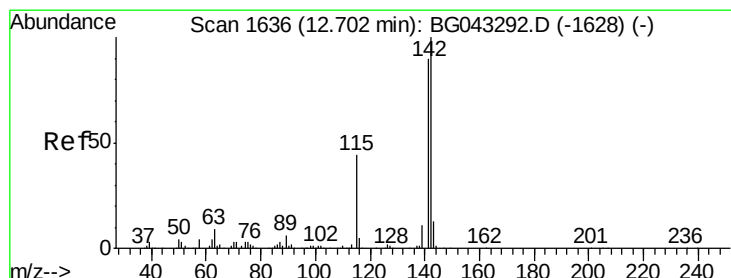
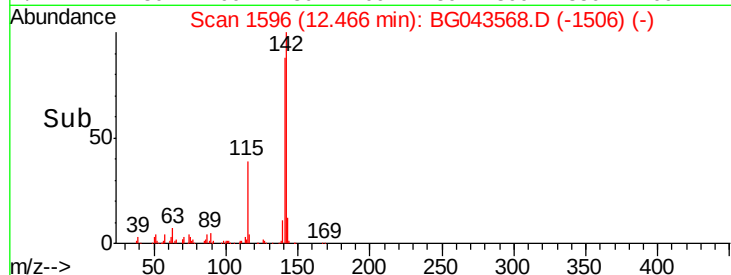
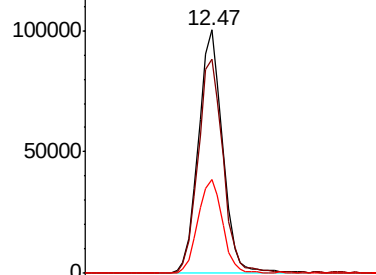


Abundance

Ion 142.00 (141.70 to 142.70): E

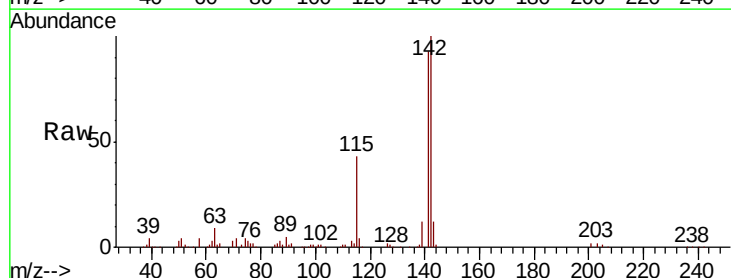
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 40.560 ng
 RT: 12.68 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BG043568.D
 Acq: 8 Nov 2019 14:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.2	109.8
116	4.2	3.6	5.4

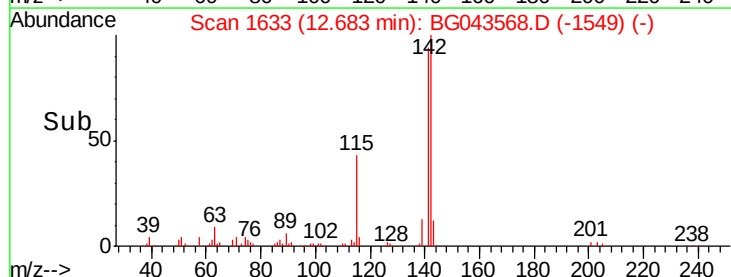
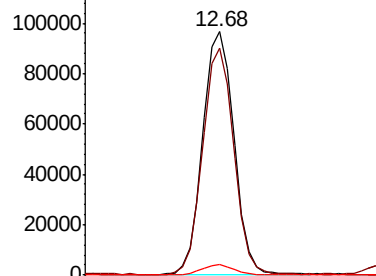


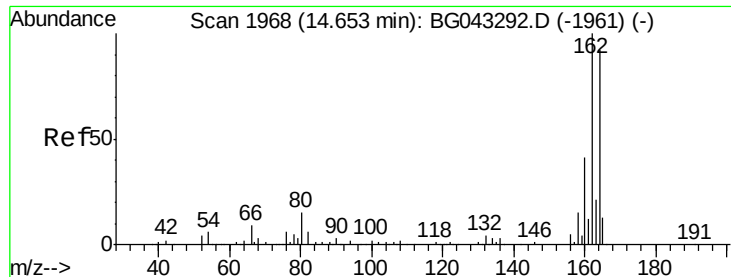
Abundance

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: 14.63 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

Instrument :

BNA_G

ClientSampleId :

PB124640BS

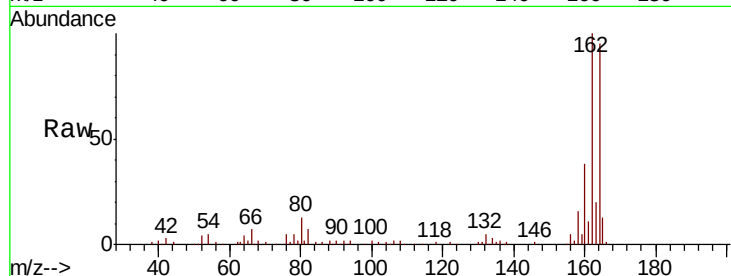
Tot Ion:164 Resp: 83730

Ion Ratio Lower Upper

164 100

162 104.9 83.5 125.3

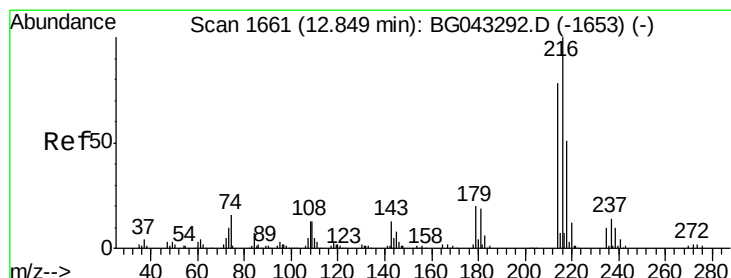
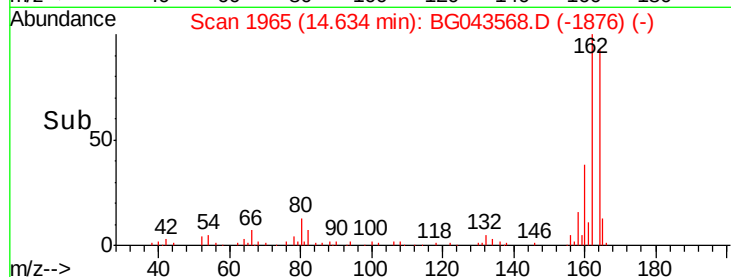
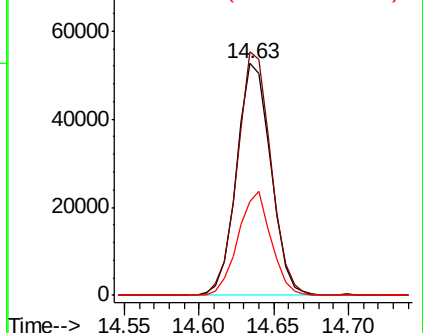
160 40.4 36.5 54.7



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: 35.918 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

Tgt Ion:216 Resp: 111301

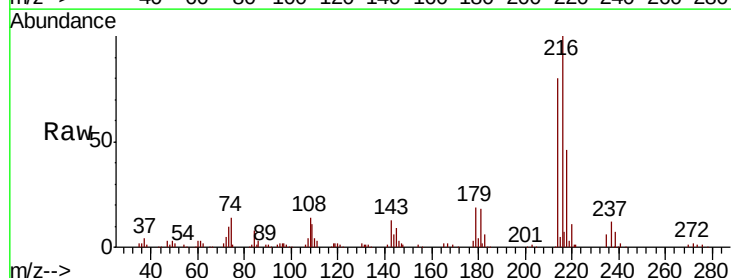
Ion Ratio Lower Upper

216 100

214 77.9 61.7 92.5

179 19.7 15.8 23.8

108 14.5 11.5 17.3

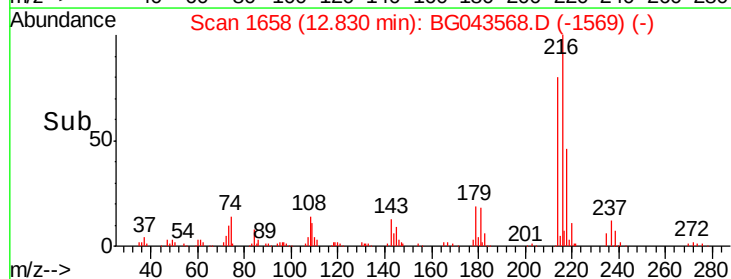
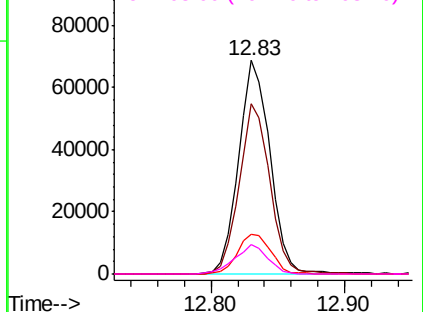


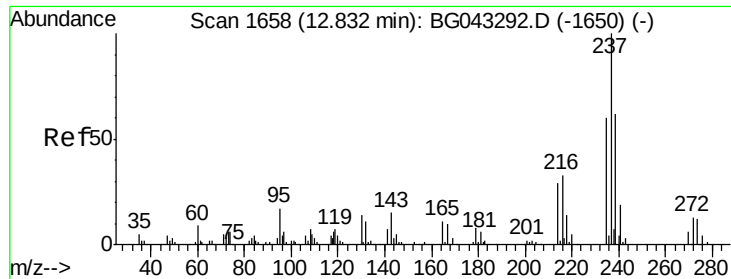
Abundance Ion 216.00 (215.70 to 216.70): E

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

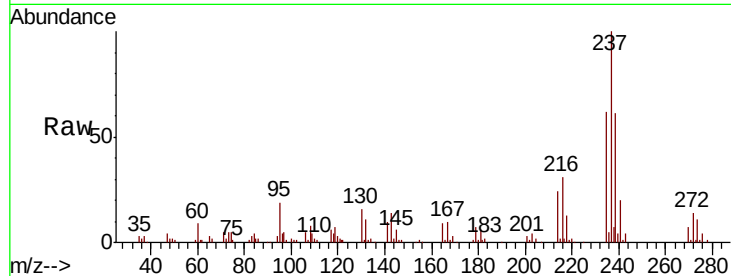




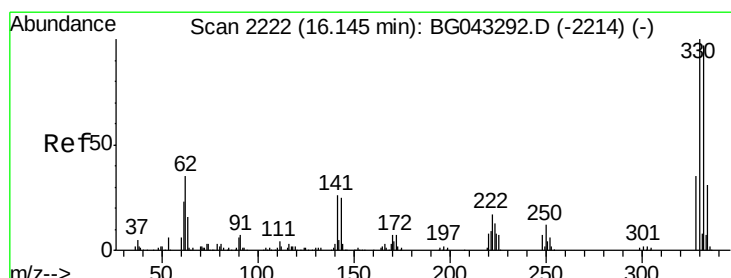
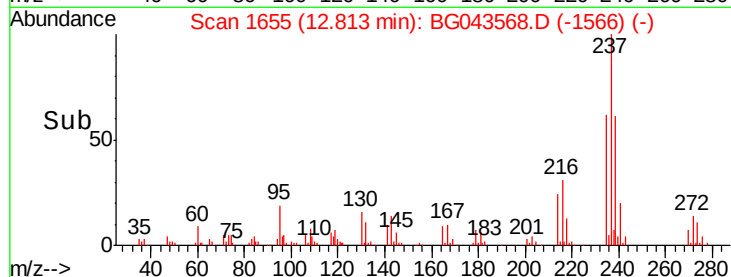
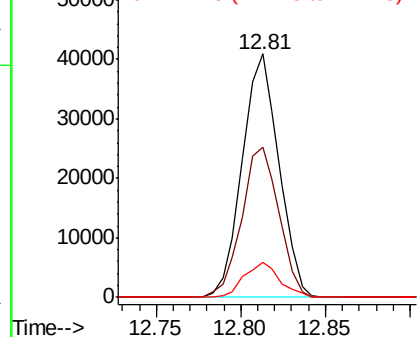
#41
Hexachlorocyclopentadiene
Concen: 37.920 ng
RT: 12.81 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BG043568.D
Acq: 8 Nov 2019 14:11

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion:237 Resp: 61726
Ion Ratio Lower Upper
237 100
235 61.9 41.6 81.6
272 14.2 0.0 32.5

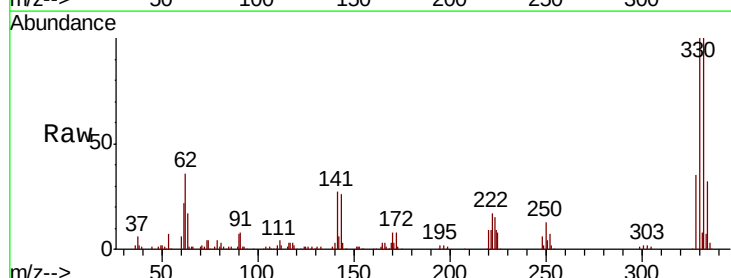


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

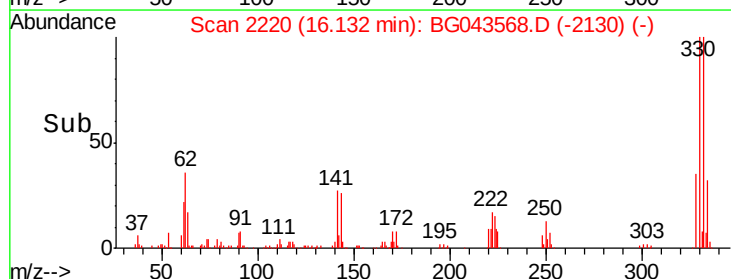
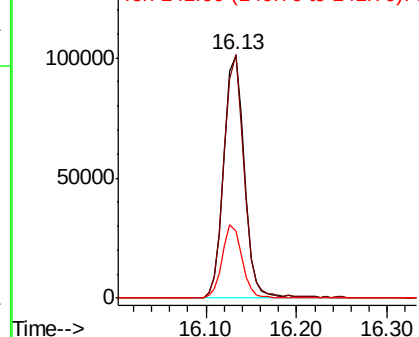


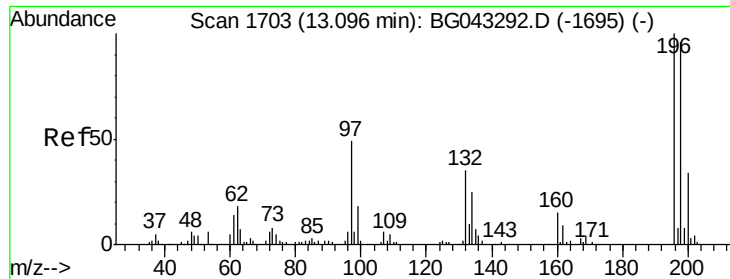
#42
2,4,6-Tribromophenol
Concen: 99.988 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BG043568.D
Acq: 8 Nov 2019 14:11

Tgt Ion:330 Resp: 159320
Ion Ratio Lower Upper
330 100
332 97.9 77.4 116.0
141 29.0 22.8 34.2



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

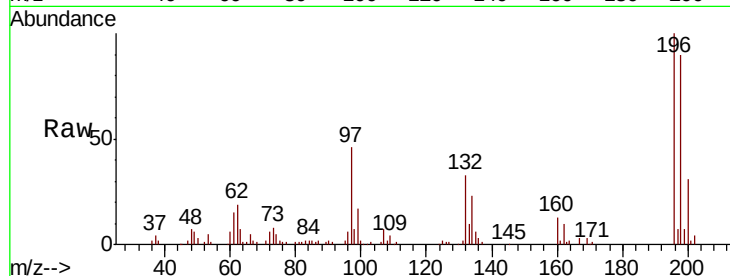




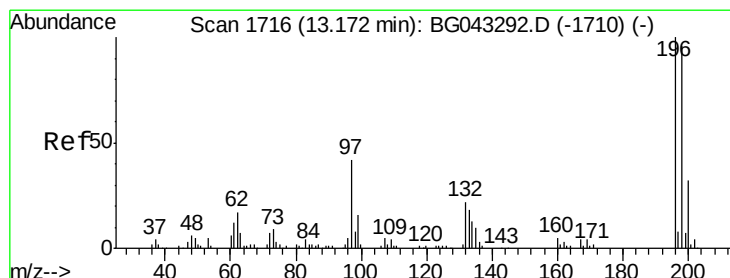
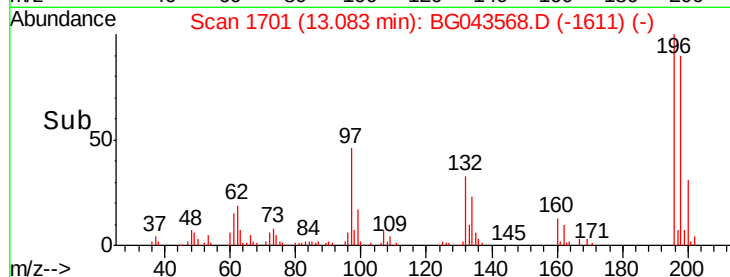
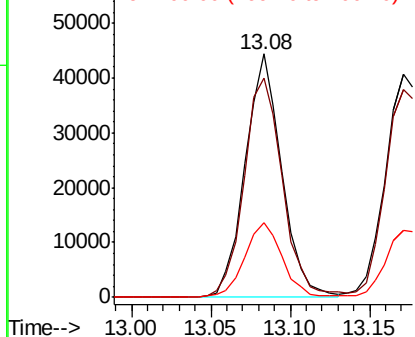
#43
 2,4,6-Trichlorophenol
 Concen: 38.985 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG043568.D
 Acq: 8 Nov 2019 14:11

Instrument :
 BNA_G
 ClientSampleId :
 PB124640BS

Tot Ion:196 Resp: 71142
 Ion Ratio Lower Upper
 196 100
 198 90.1 75.8 113.6
 200 30.8 23.9 35.9

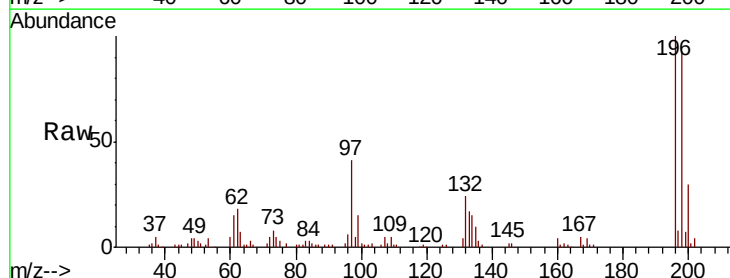


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

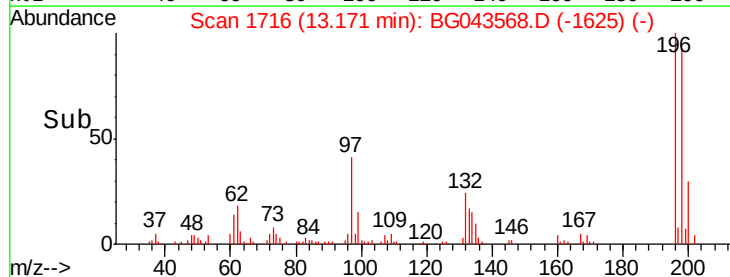
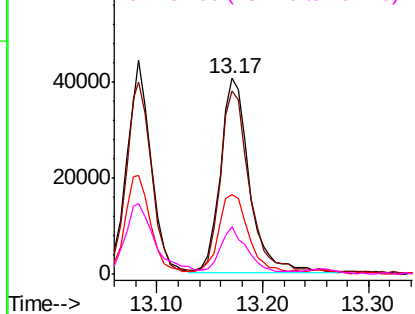


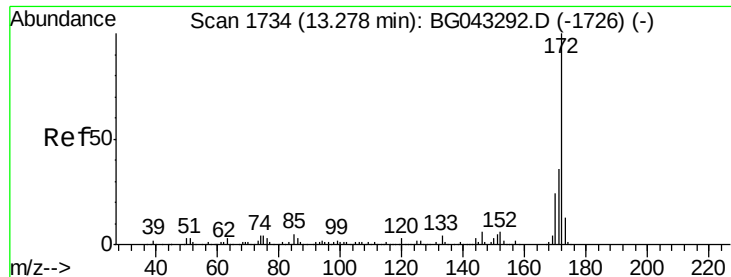
#44
 2,4,5-Trichlorophenol
 Concen: 41.802 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG043568.D
 Acq: 8 Nov 2019 14:11

Tgt Ion:196 Resp: 77120
 Ion Ratio Lower Upper
 196 100
 198 93.3 74.5 111.7
 97 40.9 36.3 54.5
 132 24.3 17.4 26.2



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

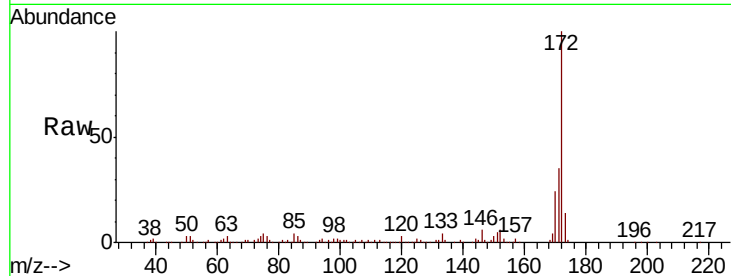




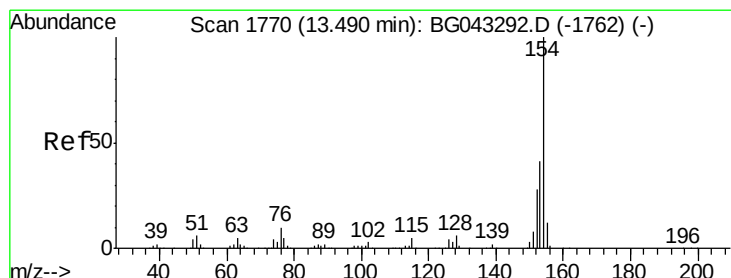
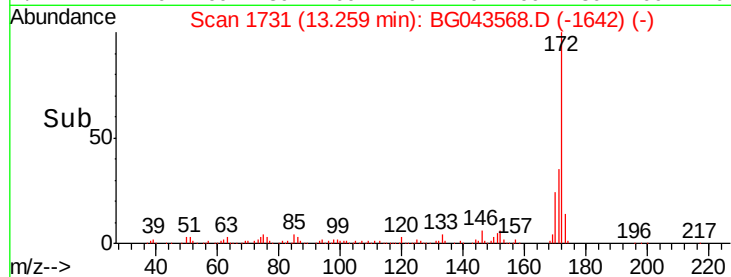
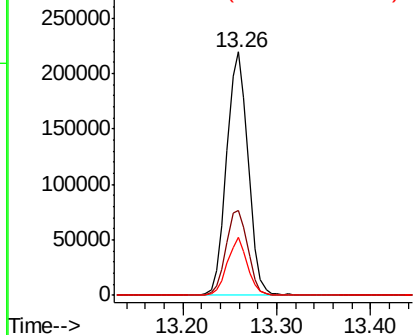
#45
 2-Fluorobiphenyl
 Concen: 57.598 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG043568.D
 Acq: 8 Nov 2019 14:11

Instrument :
 BNA_G
 ClientSampleId :
 PB124640BS

Tot Ion:172 Resp: 349014
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.9 43.3
 170 23.8 18.5 27.7

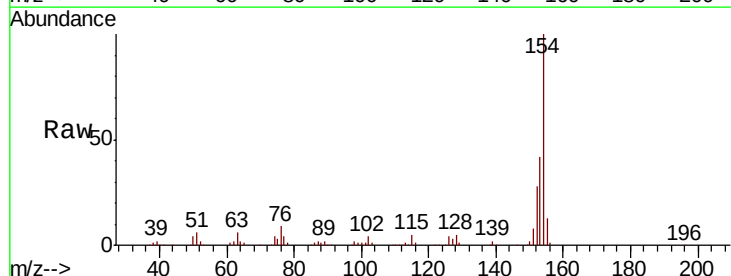


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

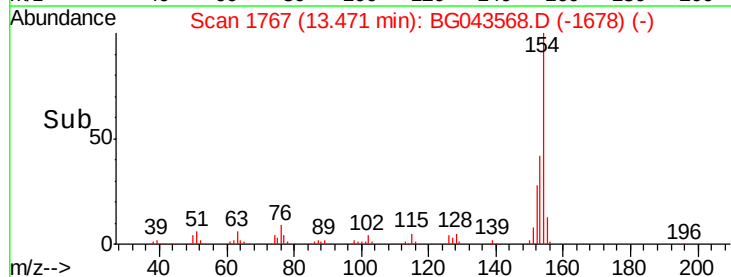
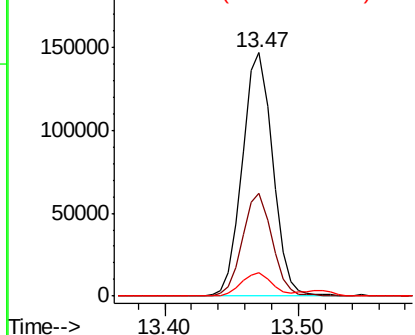


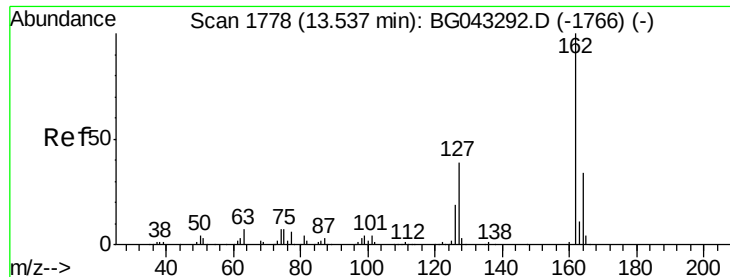
#46
 1,1'-Biphenyl
 Concen: 36.236 ng
 RT: 13.47 min Scan# 1767
 Delta R.T. -0.01 min
 Lab File: BG043568.D
 Acq: 8 Nov 2019 14:11

Tgt Ion:154 Resp: 230811
 Ion Ratio Lower Upper
 154 100
 153 42.2 19.9 59.9
 76 9.4 0.0 29.4



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

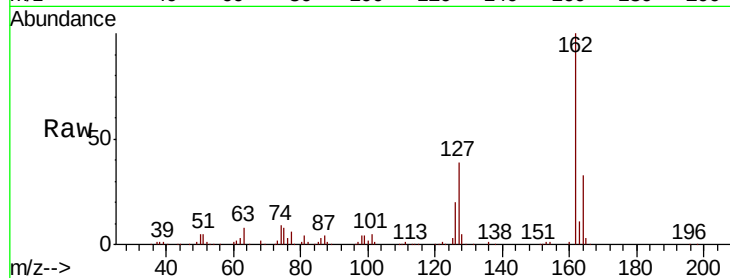




#47
2-Chloronaphthalene
Concen: 37.304 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BG043568.D
Acq: 8 Nov 2019 14:11

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	31.2	46.8
164	32.7	25.8	38.8

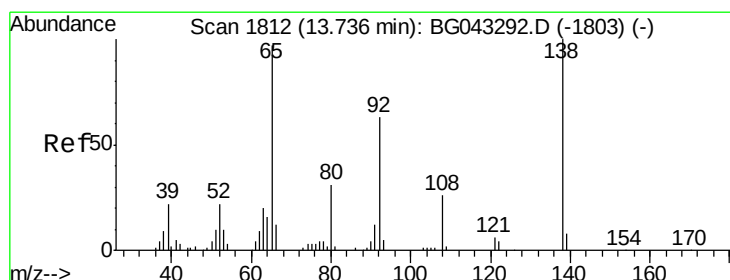
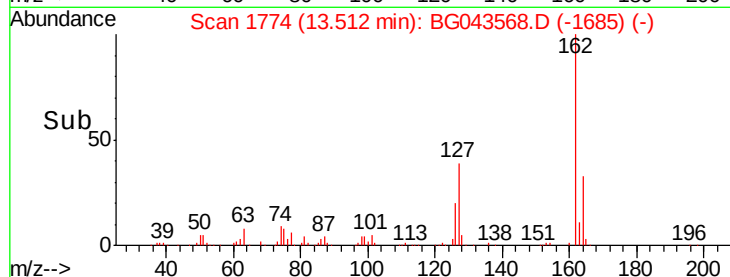
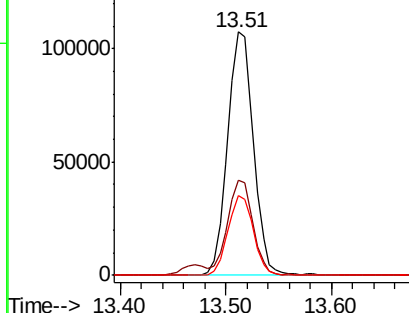


Abundance

Ion 162.00 (161.70 to 162.70): E

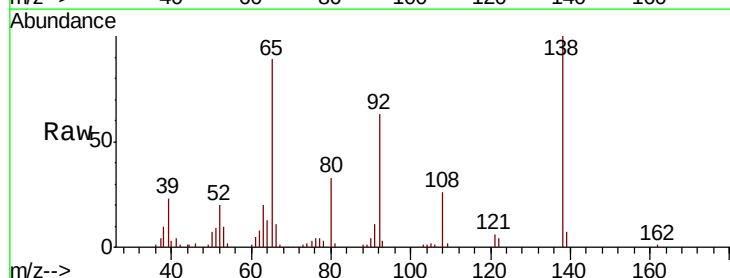
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 38.690 ng
RT: 13.72 min Scan# 1810
Delta R.T. -0.00 min
Lab File: BG043568.D
Acq: 8 Nov 2019 14:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.1	56.2	84.2
138	112.9	82.6	123.8

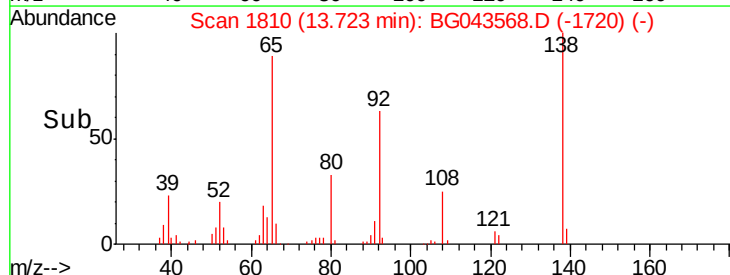
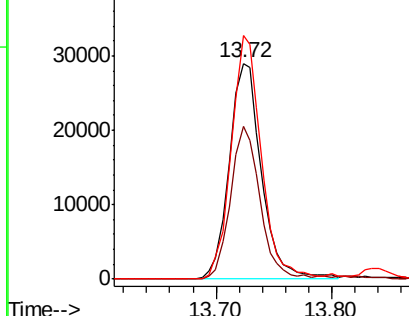


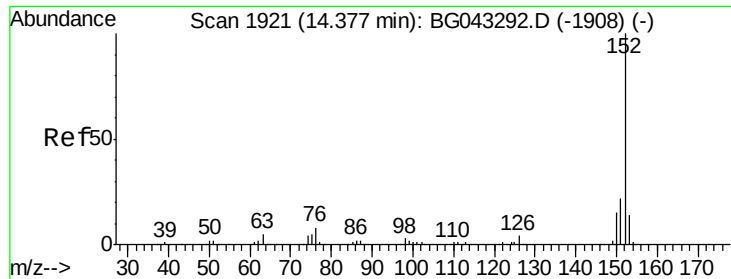
Abundance

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: 38.627 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

Instrument :

BNA_G

ClientSampleId :

PB124640BS

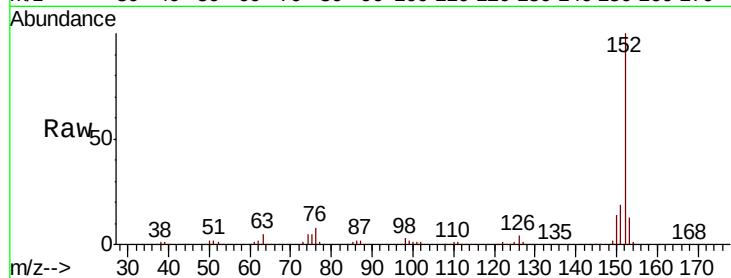
Tot Ion:152 Resp: 291363

Ion Ratio Lower Upper

152 100

151 19.3 16.2 24.4

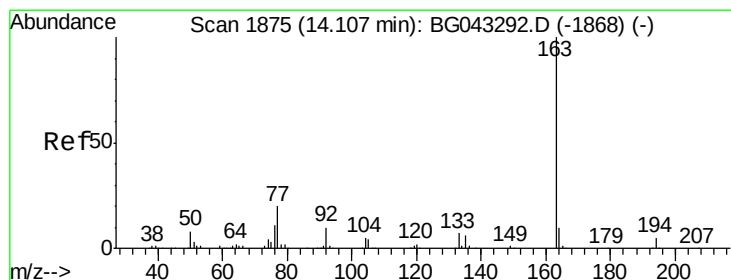
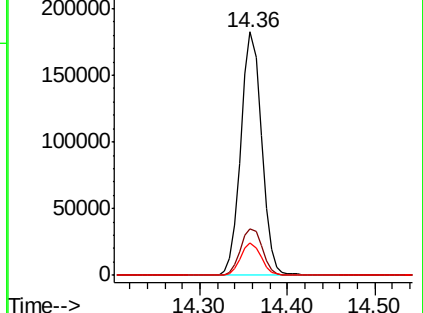
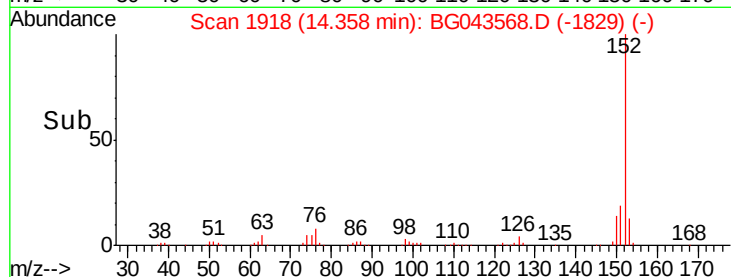
153 13.3 10.6 15.8



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: 35.805 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

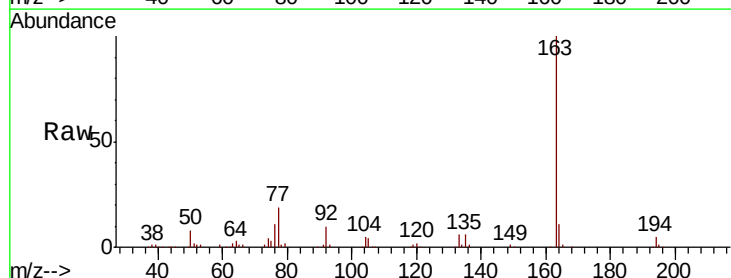
Tgt Ion:163 Resp: 232213

Ion Ratio Lower Upper

163 100

194 5.3 3.8 5.6

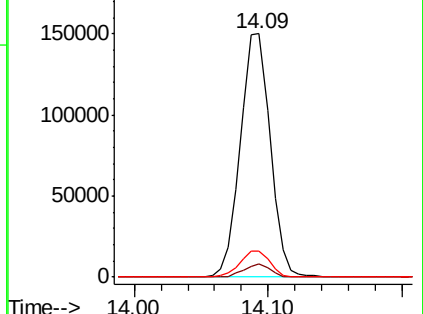
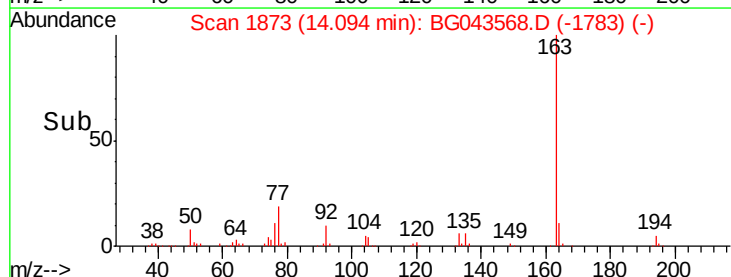
164 10.7 8.9 13.3

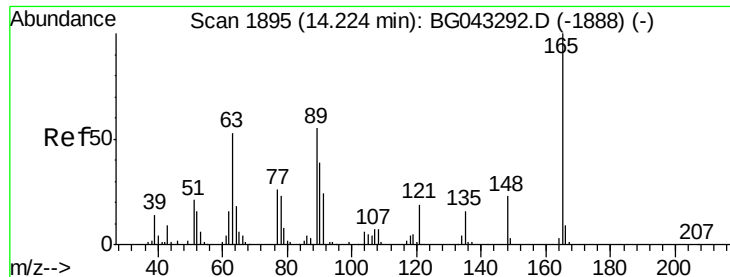


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 37.573 ng

RT: 14.21 min Scan# 1893

Delta R.T. -0.00 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

Instrument :

BNA_G

ClientSampleId :

PB124640BS

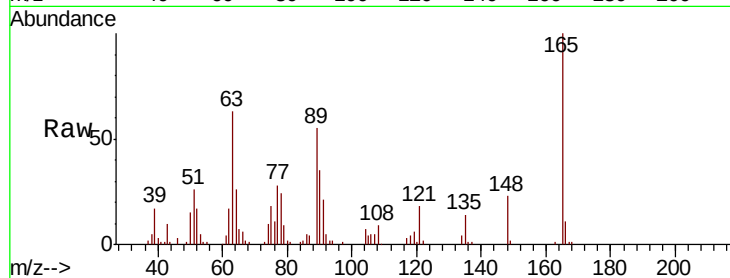
Tot Ion:165 Resp: 52938

Ion Ratio Lower Upper

165 100

63 63.2 46.6 69.8

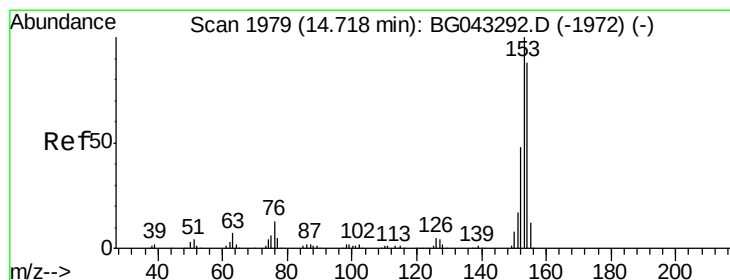
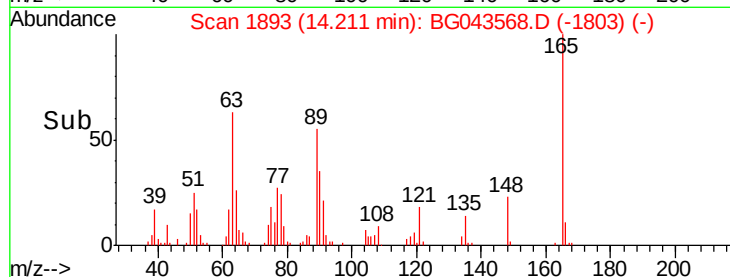
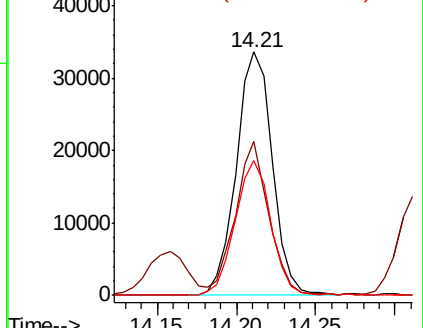
89 55.2 45.1 67.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 37.317 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

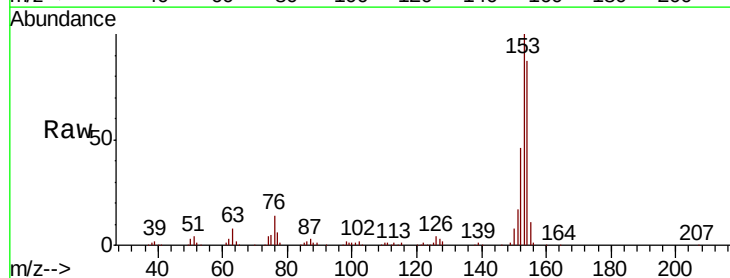
Tgt Ion:154 Resp: 171656

Ion Ratio Lower Upper

154 100

153 114.5 88.2 132.2

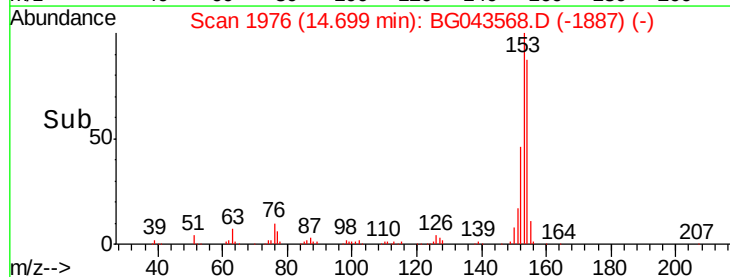
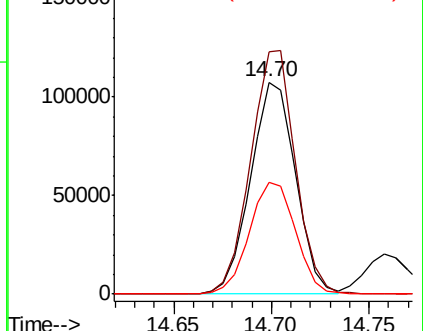
152 52.7 40.0 60.0

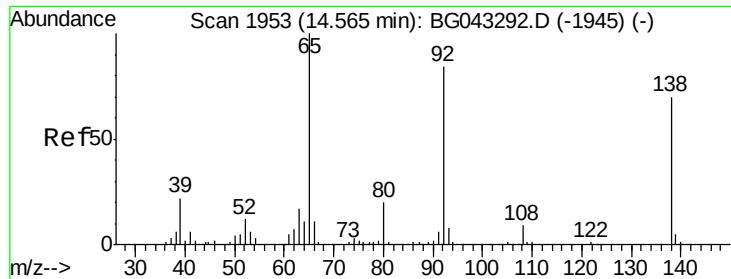


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

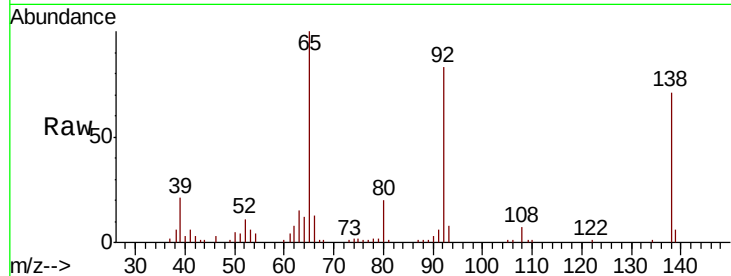




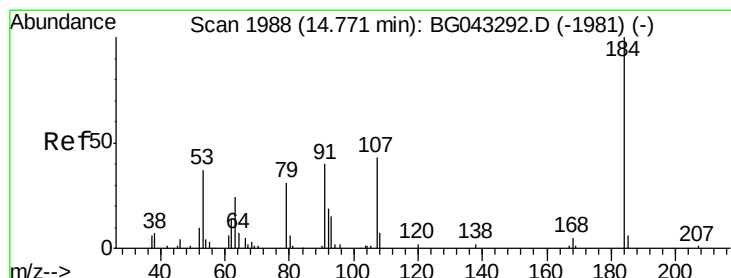
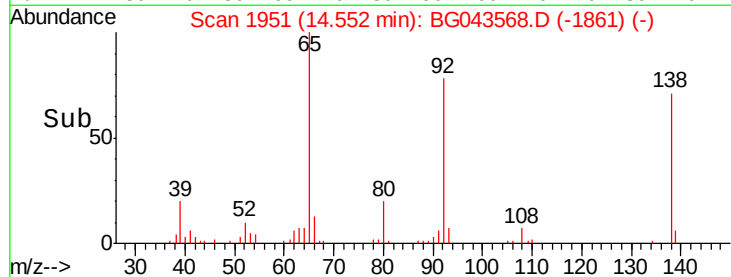
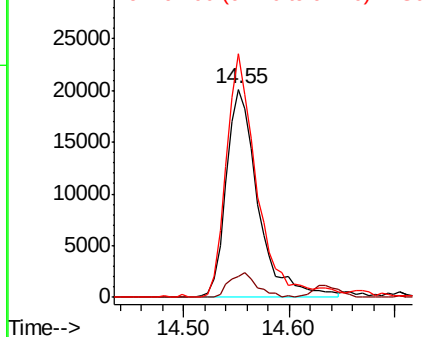
#53
3-Nitroaniline
Concen: 30.771 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG043568.D
Acq: 8 Nov 2019 14:11

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion:138 Resp: 41858
Ion Ratio Lower Upper
138 100
108 10.1 8.0 12.0
92 117.0 90.9 136.3

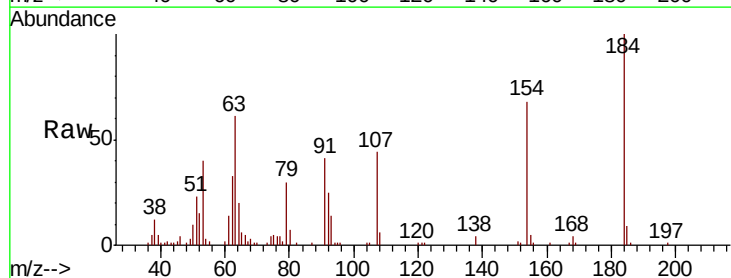


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): B

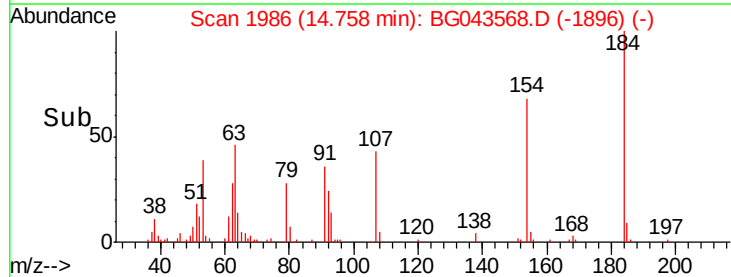
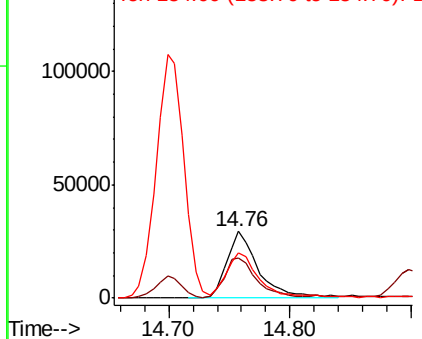


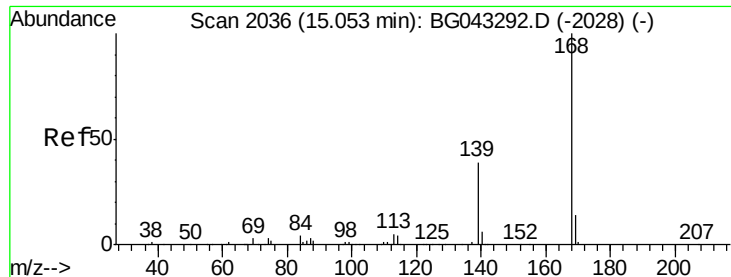
#54
2,4-Dinitrophenol
Concen: 62.886 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG043568.D
Acq: 8 Nov 2019 14:11

Tgt Ion:184 Resp: 53821
Ion Ratio Lower Upper
184 100
63 60.8 51.3 76.9
154 68.0 55.4 83.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): B
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 38.211 ng

RT: 15.03 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

Instrument :

BNA_G

ClientSampleId :

PB124640BS

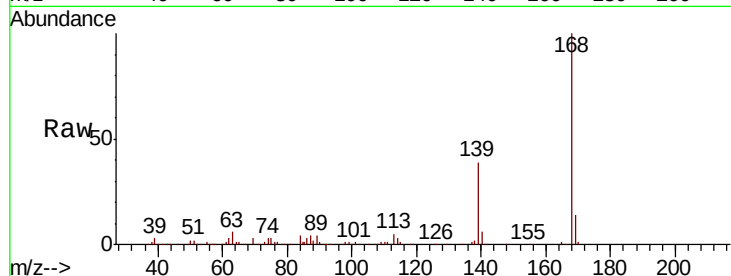
Tot Ion:168 Resp: 285033

Ion Ratio Lower Upper

168 100

139 39.3 31.0 46.6

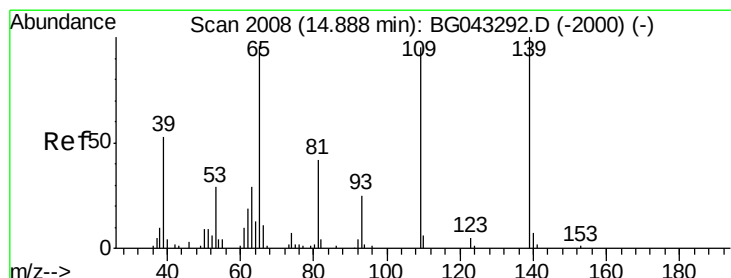
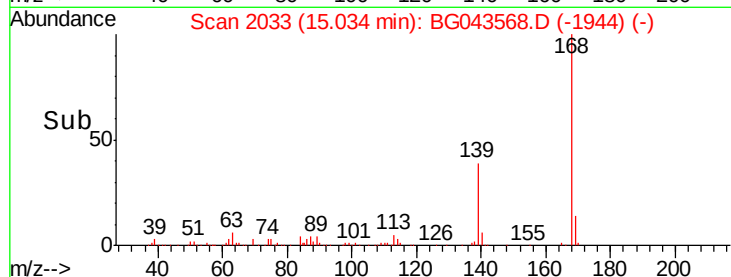
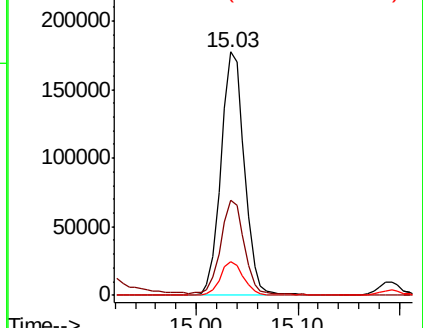
169 13.9 11.7 17.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 88.260 ng

RT: 14.90 min Scan# 2010

Delta R.T. 0.02 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

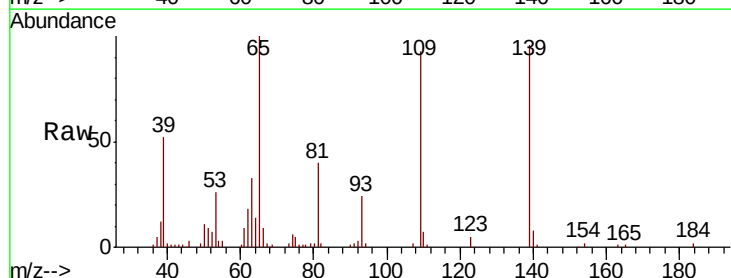
Tgt Ion:139 Resp: 80457

Ion Ratio Lower Upper

139 100

109 96.2 87.2 127.2

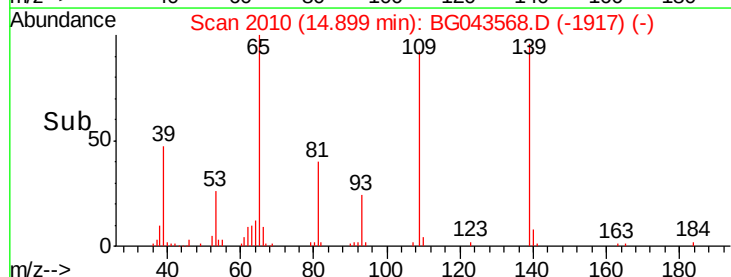
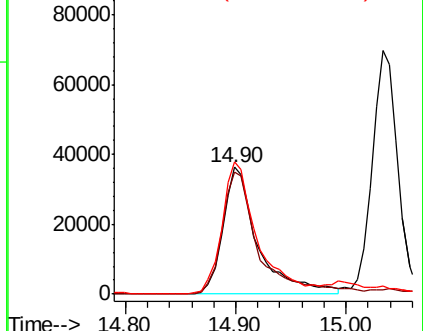
65 103.8 83.8 123.8

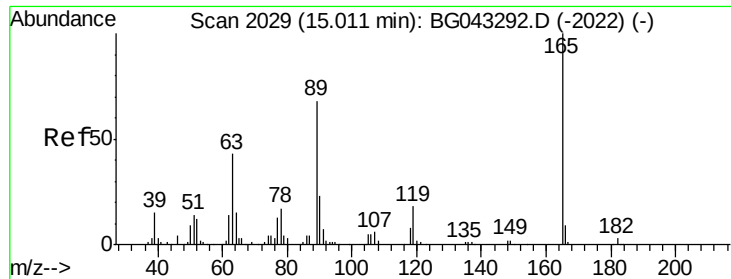


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

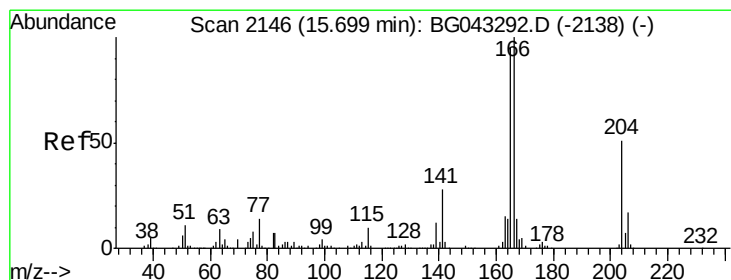
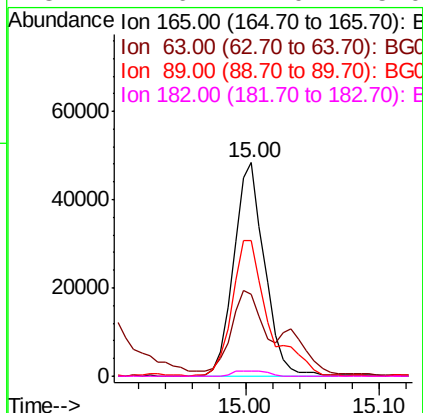
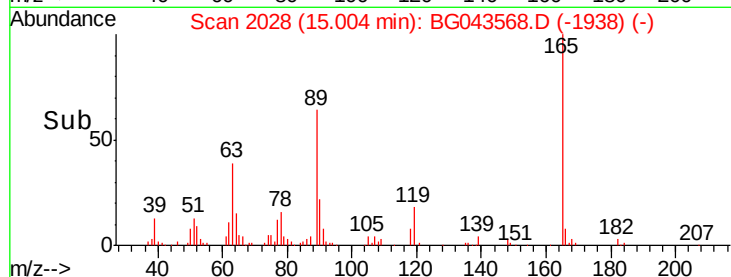
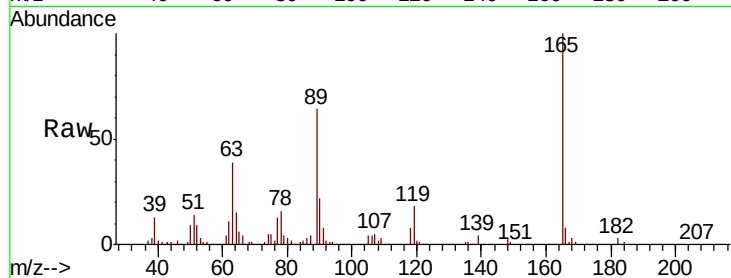




#57
2,4-Dinitrotoluene
Concen: 38.524 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG043568.D
Acq: 8 Nov 2019 14:11

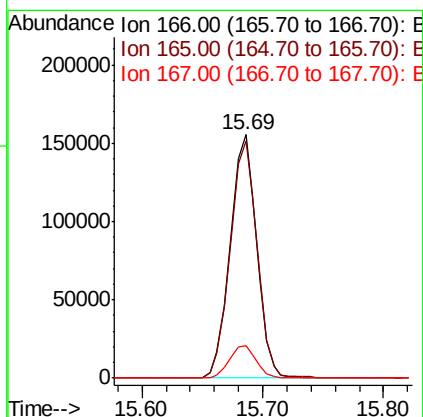
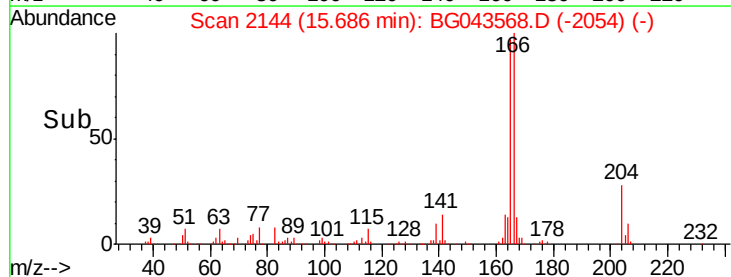
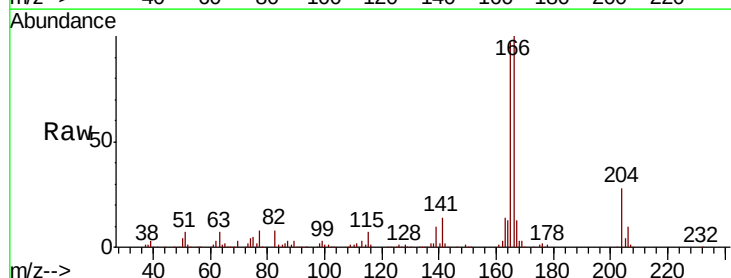
Instrument :
BNA_G
ClientSampleId :
PB124640BS

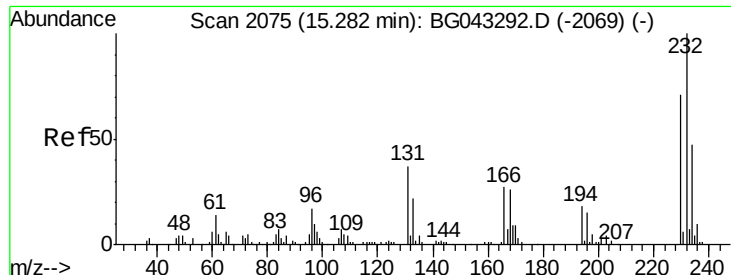
Tot Ion:165 Resp: 77570
Ion Ratio Lower Upper
165 100
63 38.6 33.2 49.8
89 63.5 52.2 78.4
182 2.6 2.0 3.0



#58
Fluorene
Concen: 38.066 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG043568.D
Acq: 8 Nov 2019 14:11

Tgt Ion:166 Resp: 238161
Ion Ratio Lower Upper
166 100
165 97.5 79.0 118.6
167 13.2 10.5 15.7

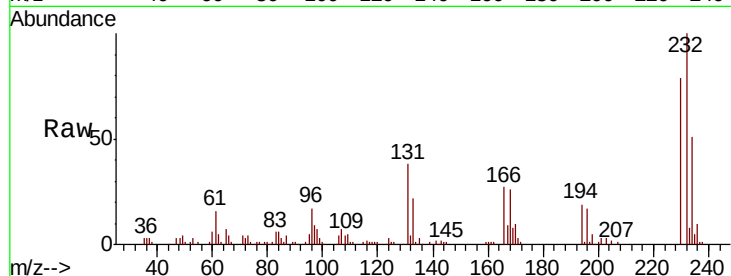




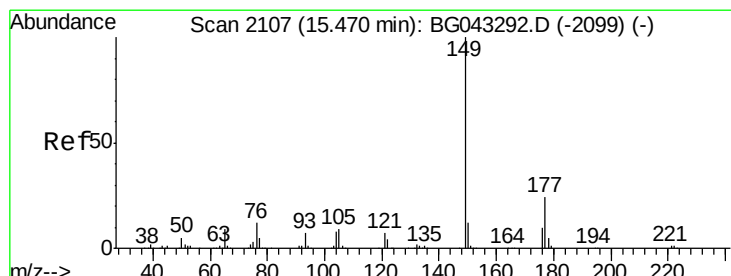
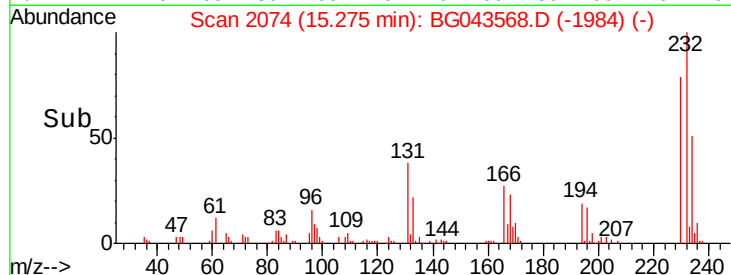
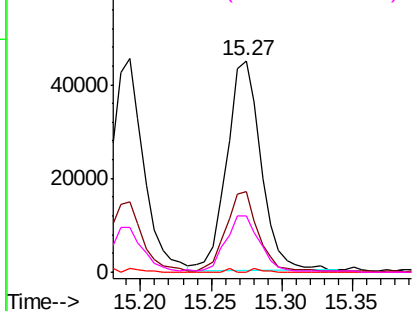
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.526 ng
RT: 15.27 min Scan# 2074
Delta R.T. -0.00 min
Lab File: BG043568.D
Acq: 8 Nov 2019 14:11

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion:	232	Resp:	75516
Ion	Ratio	Lower	Upper
232	100		
131	35.6	26.9	40.3
130	0.6	1.8	2.6
166	26.0	20.9	31.3

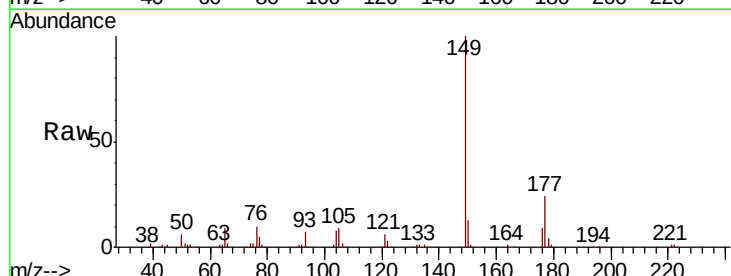


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

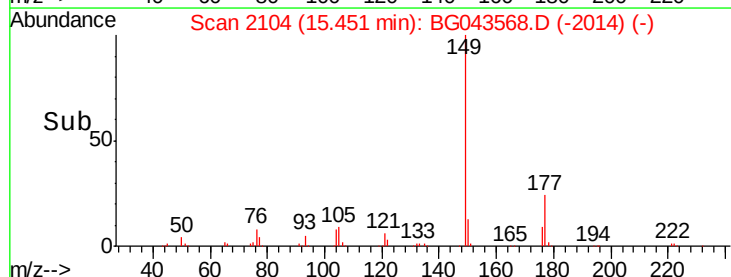
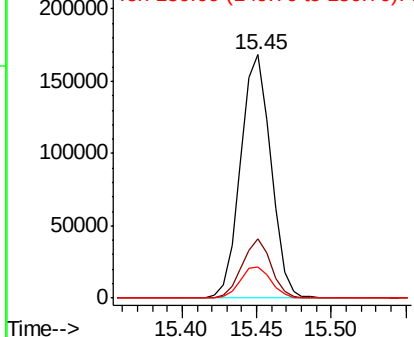


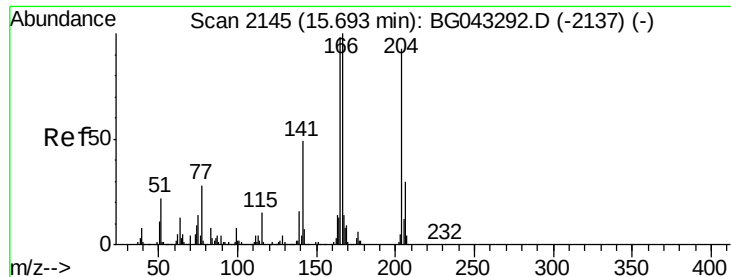
#60
Diethylphthalate
Concen: 36.362 ng
RT: 15.45 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BG043568.D
Acq: 8 Nov 2019 14:11

Tgt Ion:	149	Resp:	236952
Ion	Ratio	Lower	Upper
149	100		
177	24.4	19.6	29.4
150	12.6	10.8	16.2



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

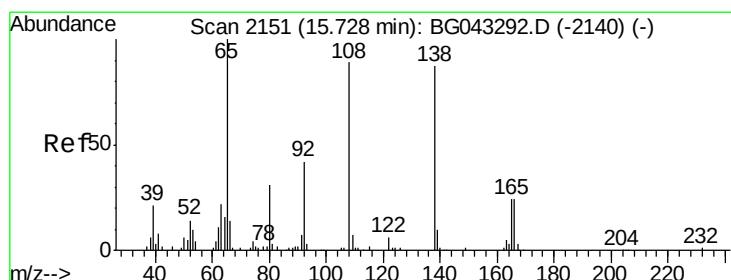
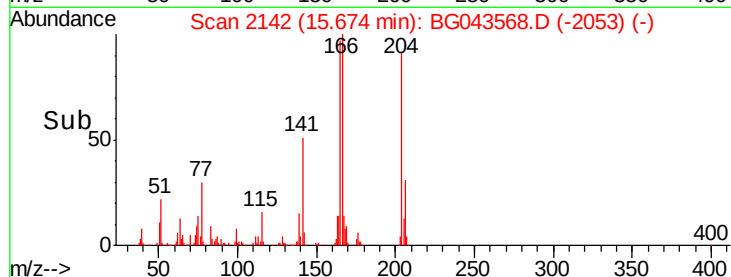
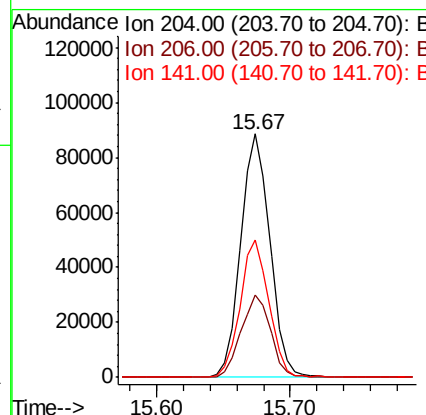
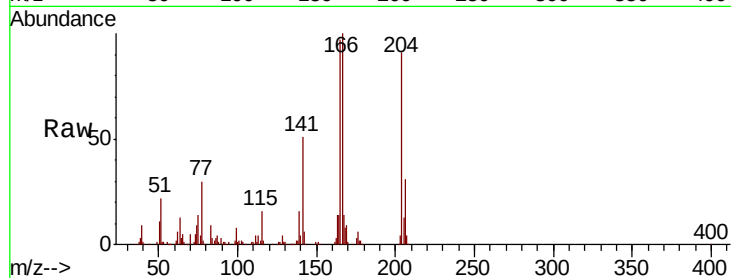




#61
 4-Chlorophenyl-phenylether
 Concen: 36.741 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BG043568.D
 Acq: 8 Nov 2019 14:11

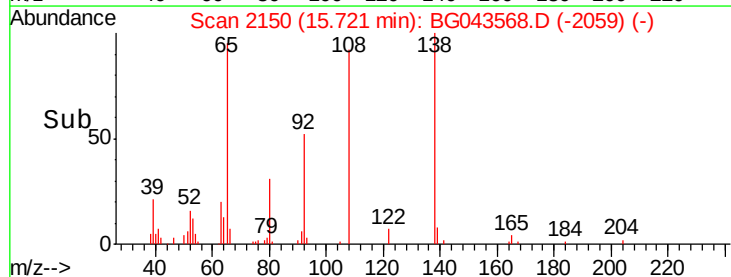
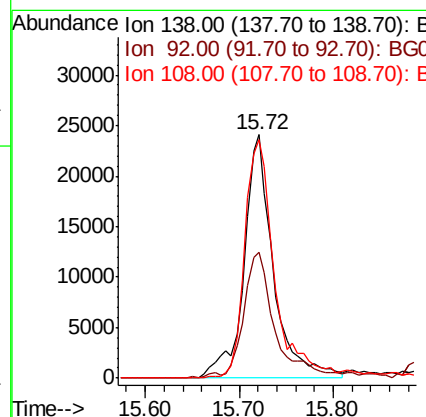
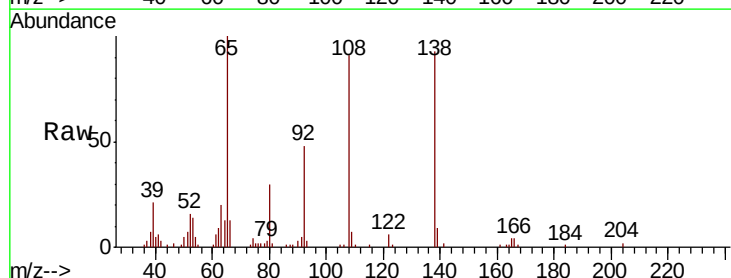
Instrument :
 BNA_G
 ClientSampleId :
 PB124640BS

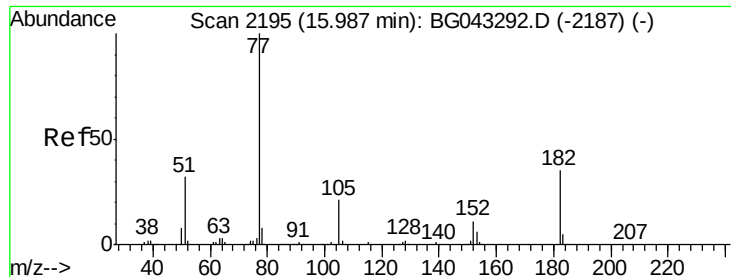
Tot Ion:204 Resp: 134098
 Ion Ratio Lower Upper
 204 100
 206 33.7 28.4 42.6
 141 56.3 43.0 64.6



#62
 4-Nitroaniline
 Concen: 37.149 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. 0.00 min
 Lab File: BG043568.D
 Acq: 8 Nov 2019 14:11

Tgt Ion:138 Resp: 52189
 Ion Ratio Lower Upper
 138 100
 92 51.5 33.4 73.4
 108 98.1 78.0 118.0

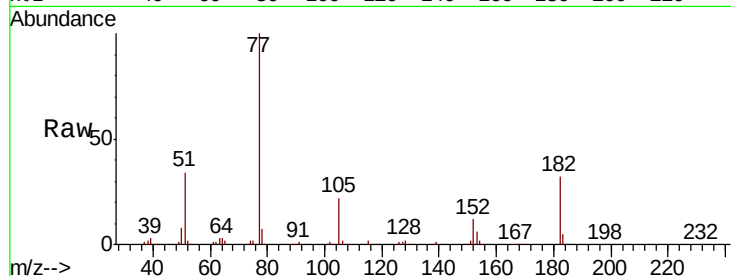




#63
Azobenzene
Concen: 38.115 ng
RT: 15.97 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BG043568.D
Acq: 8 Nov 2019 14:11

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	32.2	13.7	53.7
105	21.5	0.4	40.4
51	33.7	11.0	51.0



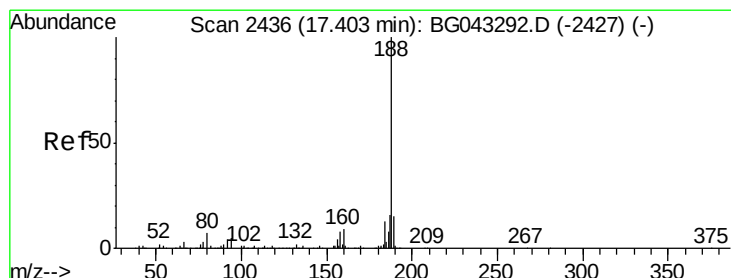
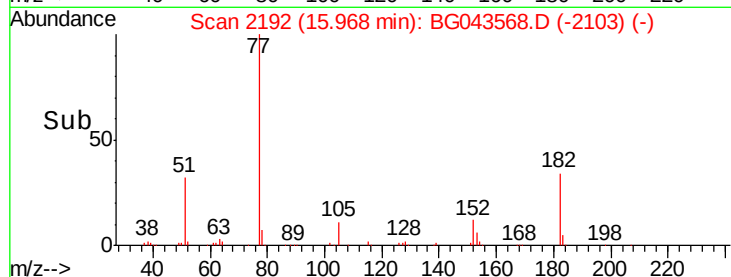
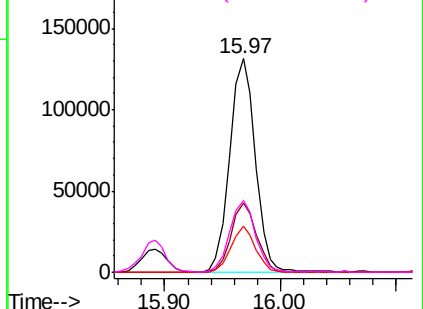
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

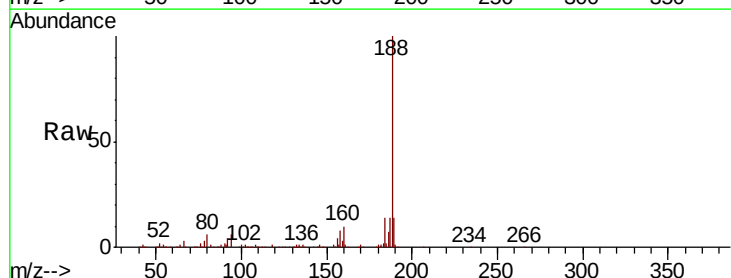
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG043568.D
Acq: 8 Nov 2019 14:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.2	6.4
80	5.7	4.5	6.7

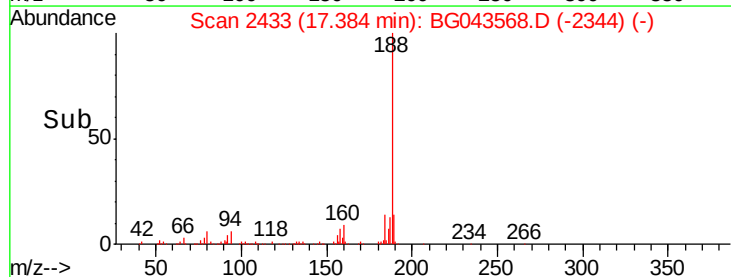
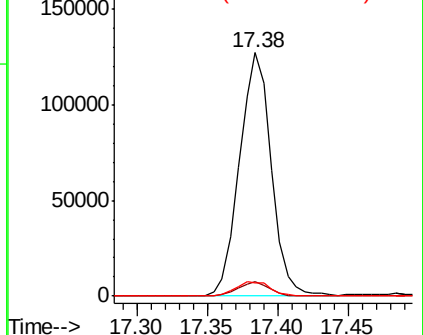


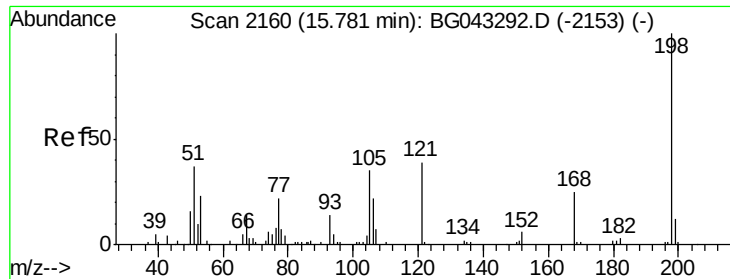
Abundance

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

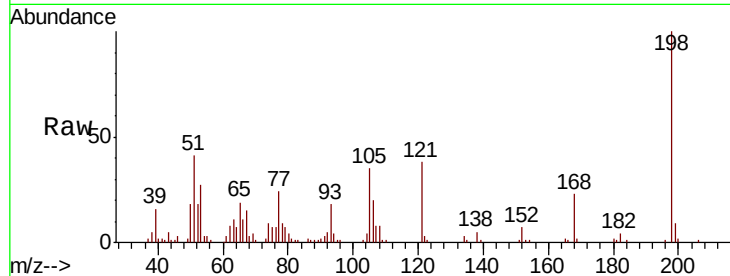




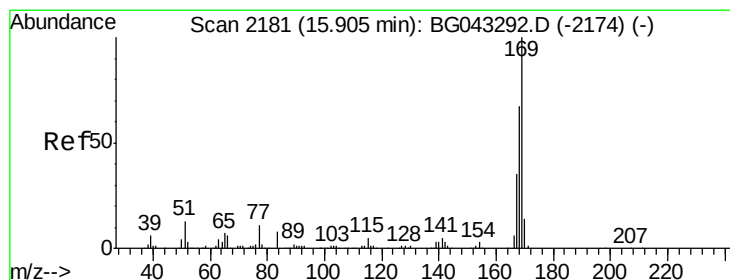
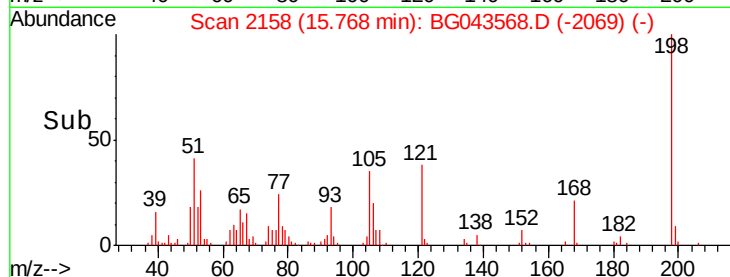
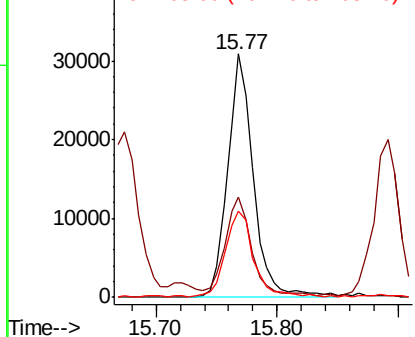
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.638 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BG043568.D
 Acq: 8 Nov 2019 14:11

Instrument :
 BNA_G
 ClientSampleId :
 PB124640BS

Tot Ion:198 Resp: 45687
 Ion Ratio Lower Upper
 198 100
 51 41.3 13.2 53.2
 105 35.3 15.8 55.8

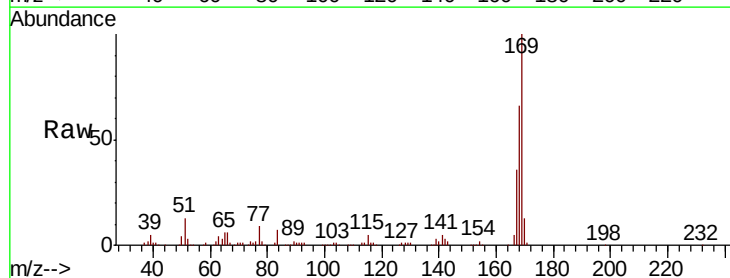


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

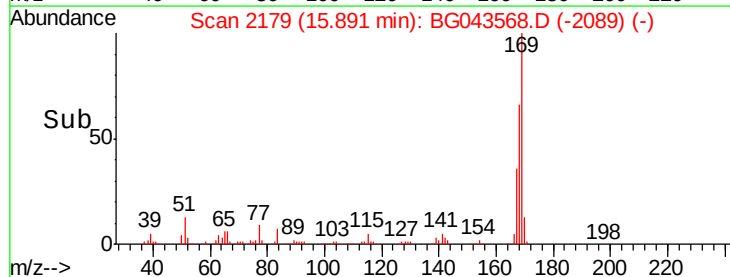
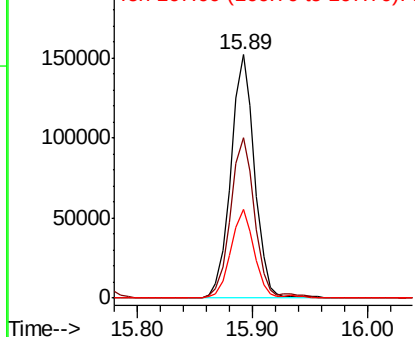


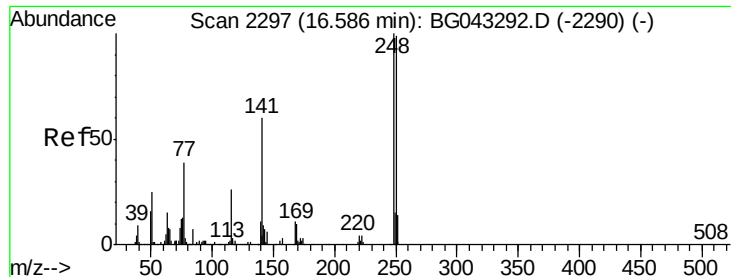
#66
 n-Nitrosodiphenylamine
 Concen: 37.979 ng
 RT: 15.89 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BG043568.D
 Acq: 8 Nov 2019 14:11

Tgt Ion:169 Resp: 215435
 Ion Ratio Lower Upper
 169 100
 168 66.1 53.8 80.6
 167 36.3 27.5 41.3



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

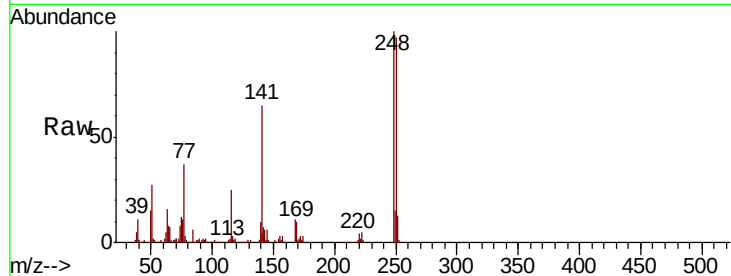




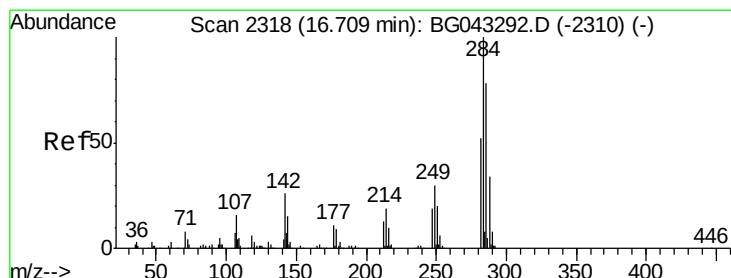
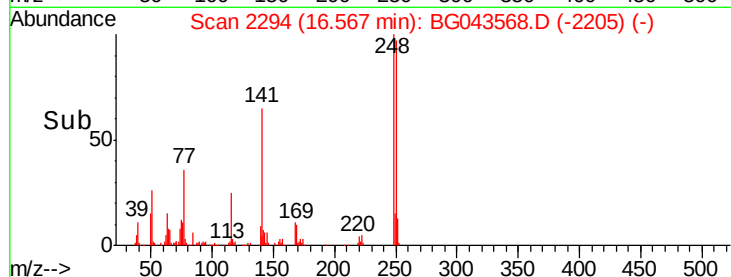
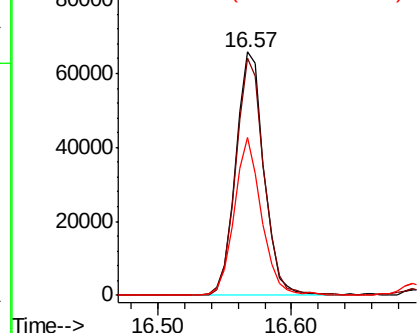
#67
4-Bromophenyl-phenylether
Concen: 35.921 ng
RT: 16.57 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG043568.D
Acq: 8 Nov 2019 14:11

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion:248 Resp: 97128
Ion Ratio Lower Upper
248 100
250 97.4 77.0 115.4
141 64.6 47.5 71.3

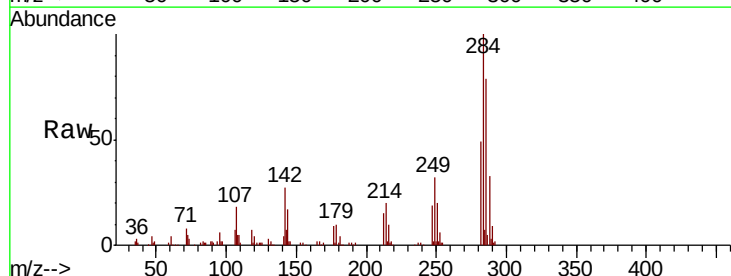


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

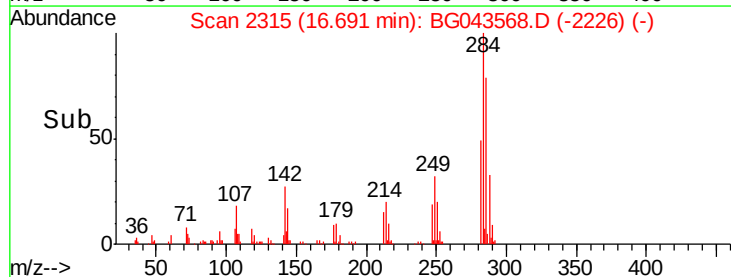
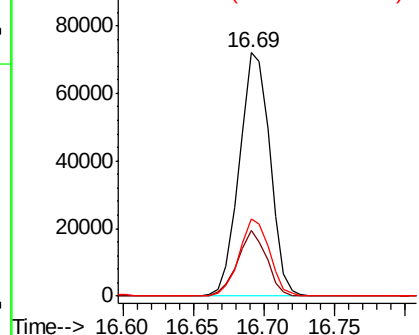


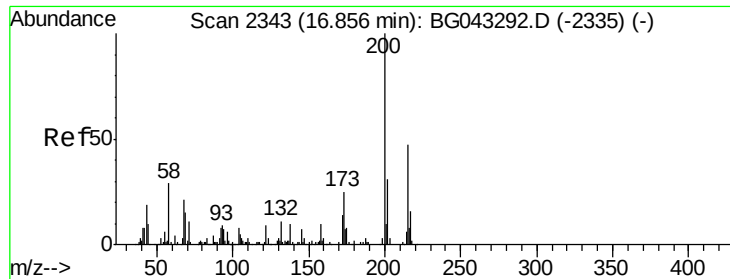
#68
Hexachlorobenzene
Concen: 35.258 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG043568.D
Acq: 8 Nov 2019 14:11

Tgt Ion:284 Resp: 109432
Ion Ratio Lower Upper
284 100
142 27.1 19.8 29.8
249 31.5 23.8 35.6



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

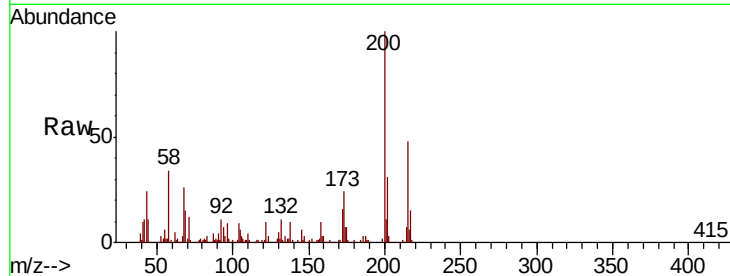




#69
 Atrazine
 Concen: 44.916 ng
 RT: 16.84 min Scan# 2340
 Delta R.T. -0.01 min
 Lab File: BG043568.D
 Acq: 8 Nov 2019 14:11

Instrument :
 BNA_G
 ClientSampleId :
 PB124640BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.1	4.7	44.7
215	48.3	28.5	68.5

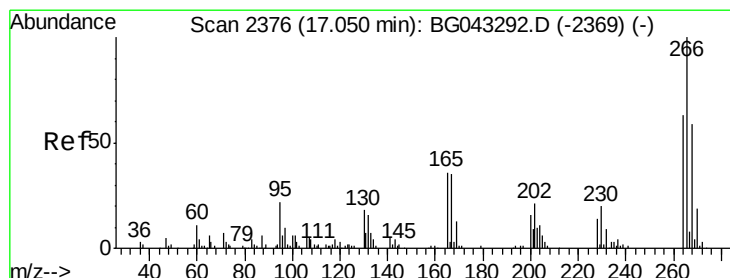
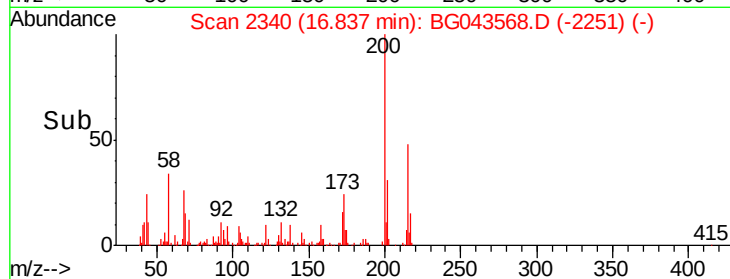
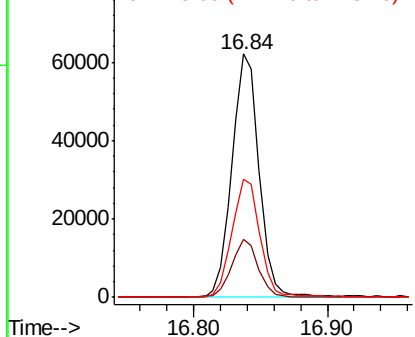


Abundance

Ion 200.00 (199.70 to 200.70): E

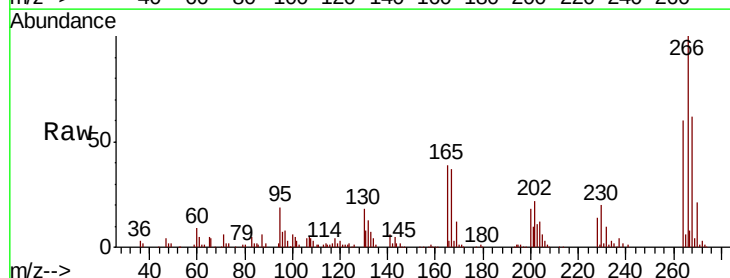
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 76.109 ng
 RT: 17.04 min Scan# 2375
 Delta R.T. -0.01 min
 Lab File: BG043568.D
 Acq: 8 Nov 2019 14:11

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.8	50.4	75.6
264	59.7	48.9	73.3

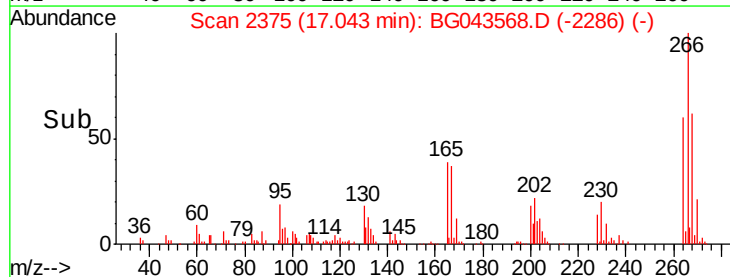
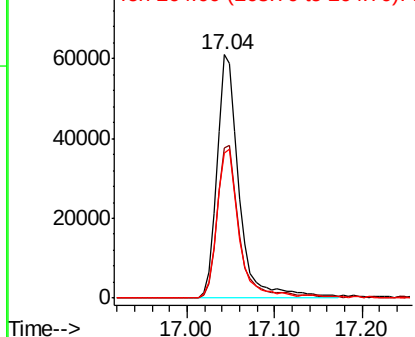


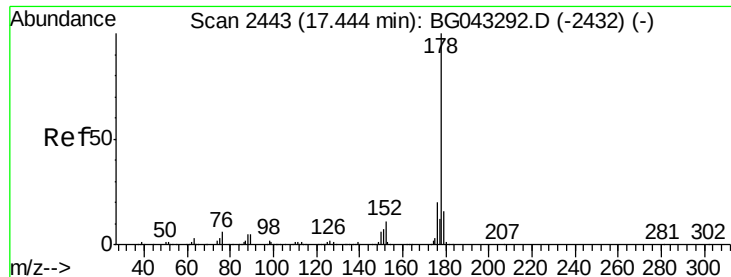
Abundance

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

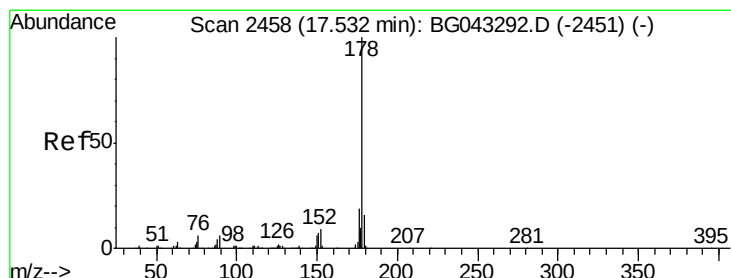
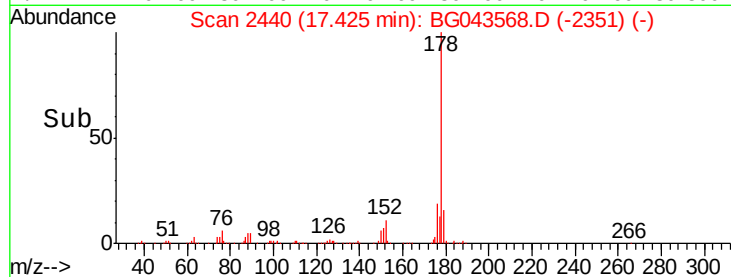
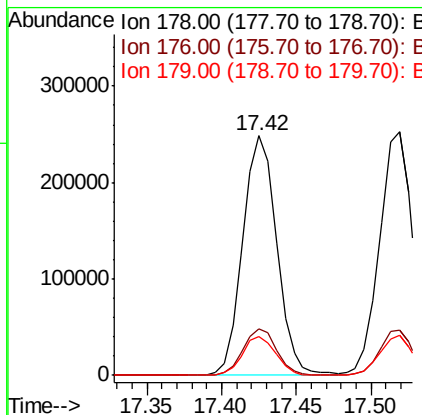
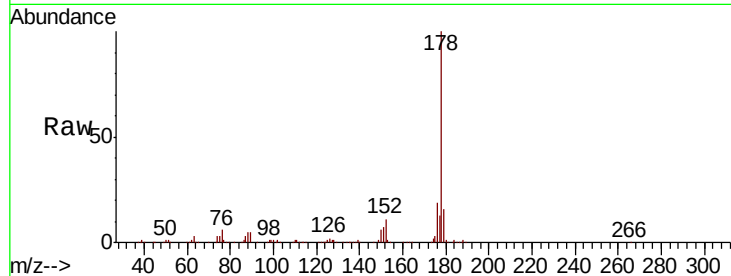




#71
Phenanthrene
Concen: 38.213 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043568.D
Acq: 8 Nov 2019 14:11

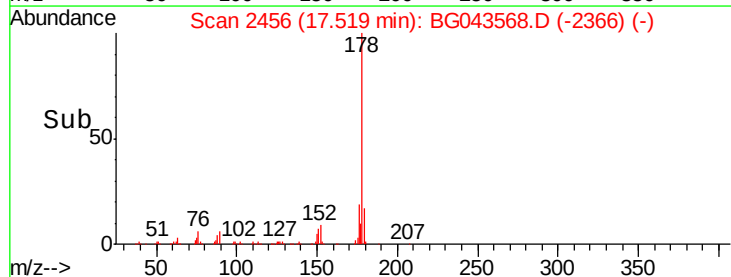
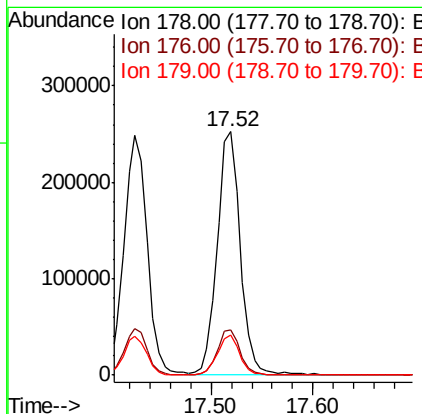
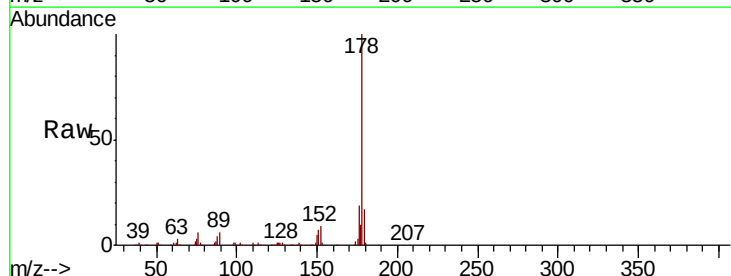
Instrument :
BNA_G
ClientSampleId :
PB124640BS

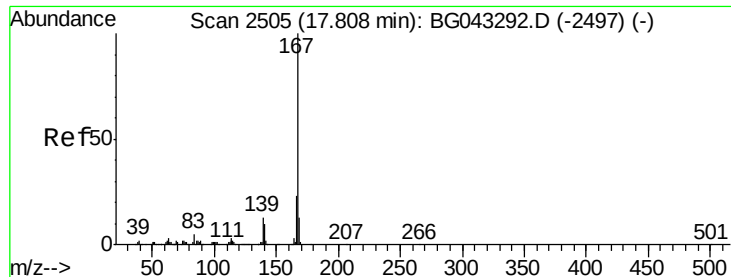
Tot Ion:178 Resp: 393157
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 16.1 13.0 19.6



#72
Anthracene
Concen: 38.786 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.00 min
Lab File: BG043568.D
Acq: 8 Nov 2019 14:11

Tgt Ion:178 Resp: 399262
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 16.6 13.7 20.5





#73

Carbazole

Concen: 39.393 ng

RT: 17.80 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

Instrument :

BNA_G

ClientSampleId :

PB124640BS

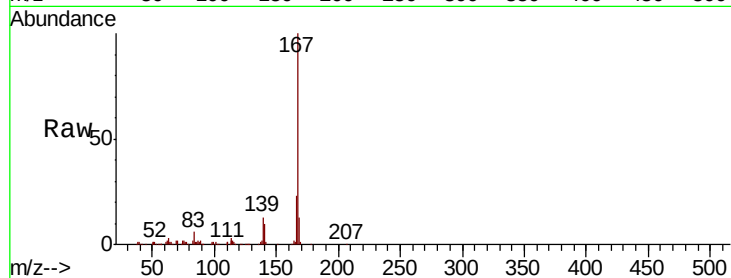
Tot Ion:167 Resp: 367223

Ion Ratio Lower Upper

167 100

166 22.5 18.7 28.1

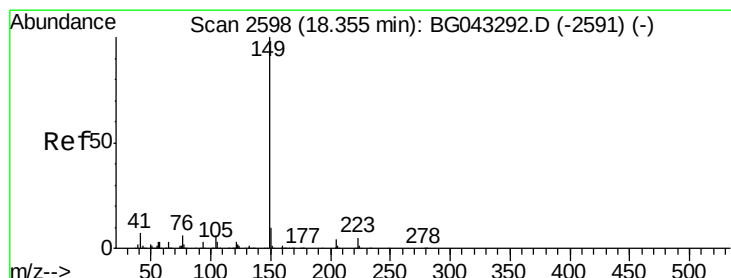
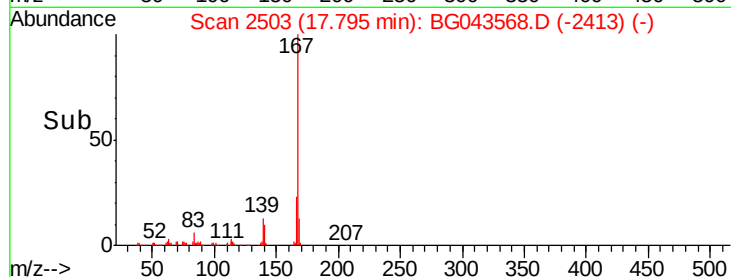
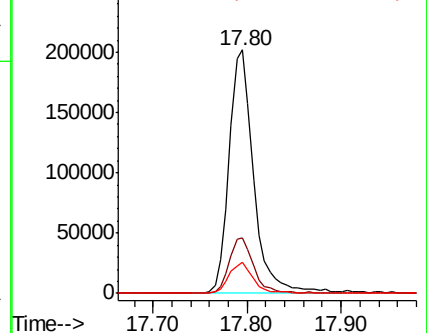
139 12.8 10.0 15.0



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



#74

Di-n-butylphthalate

Concen: 38.837 ng

RT: 18.34 min Scan# 2595

Delta R.T. -0.01 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

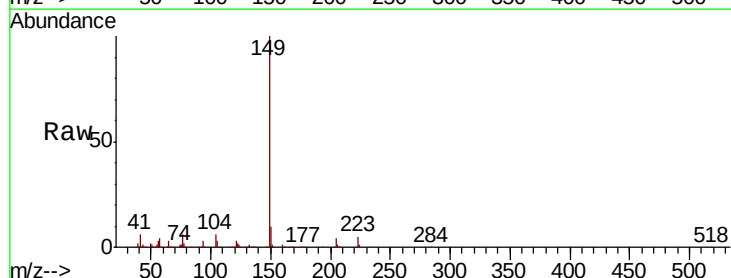
Tgt Ion:149 Resp: 439281

Ion Ratio Lower Upper

149 100

150 9.5 8.0 12.0

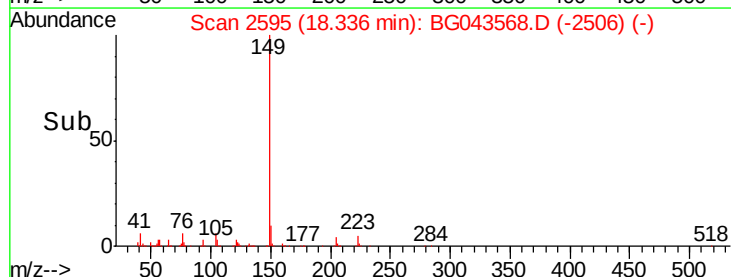
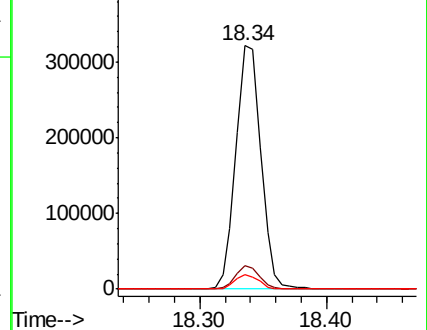
104 5.8 4.4 6.6

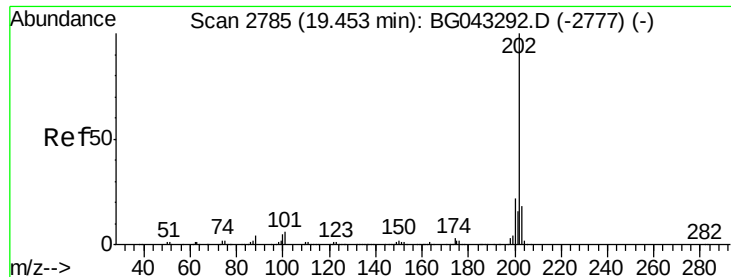


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.682 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.01 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

Instrument :

BNA_G

ClientSampleId :

PB124640BS

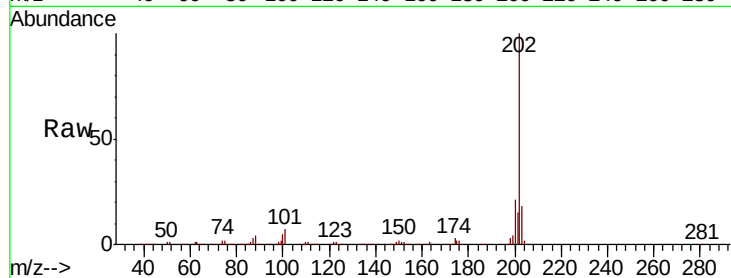
Tot Ion:202 Resp: 532261

Ion Ratio Lower Upper

202 100

101 6.6 0.0 26.3

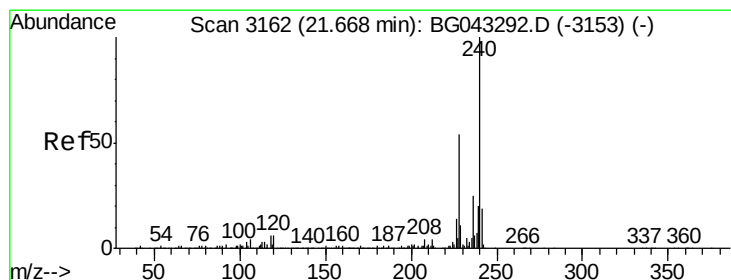
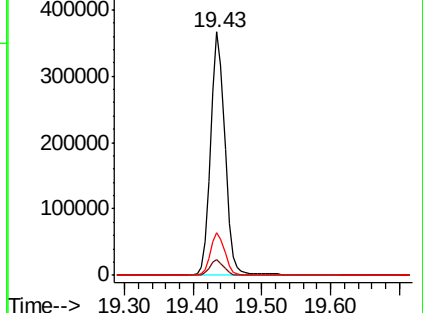
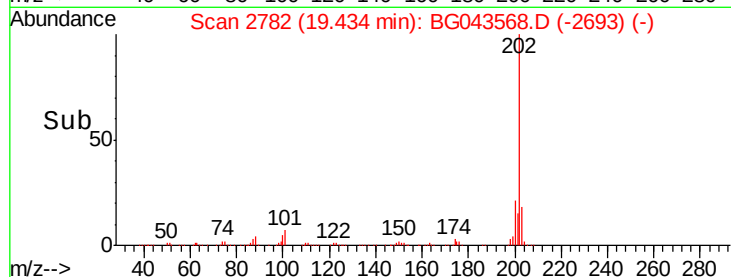
203 17.6 0.0 37.9



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: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

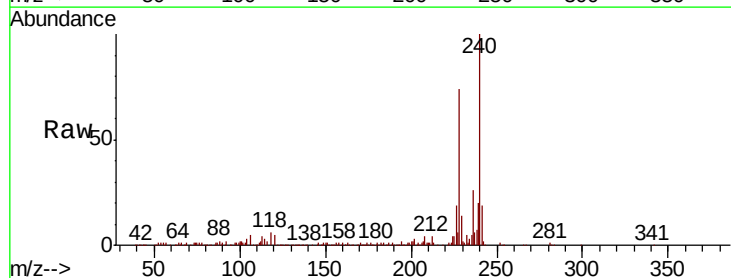
Tgt Ion:240 Resp: 220540

Ion Ratio Lower Upper

240 100

120 5.3 4.6 6.8

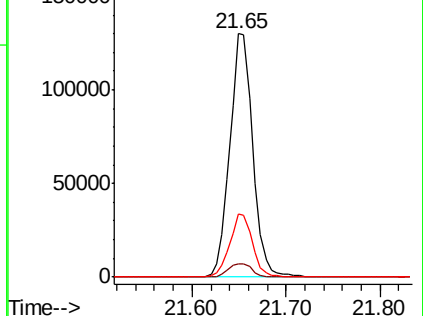
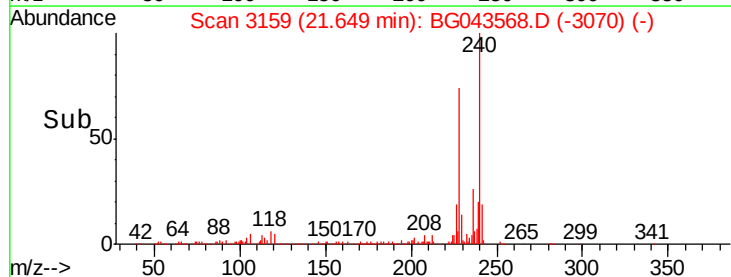
236 26.1 19.8 29.8

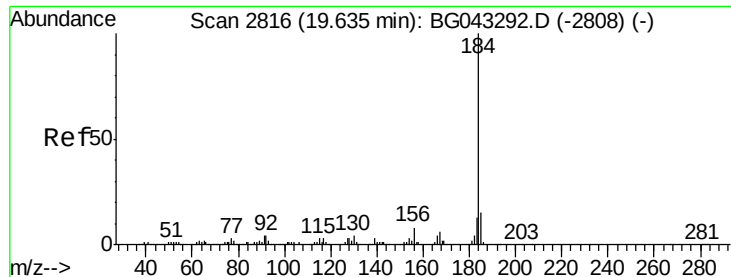


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 17.206 ng

RT: 19.62 min Scan# 2814

Delta R.T. -0.00 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

Instrument :

BNA_G

ClientSampleId :

PB124640BS

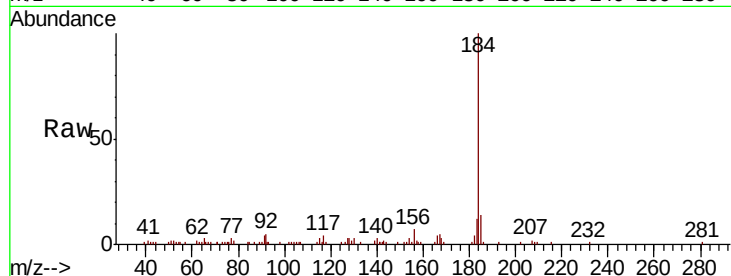
Tot Ion:184 Resp: 76366

Ion Ratio Lower Upper

184 100

185 14.2 11.0 16.4

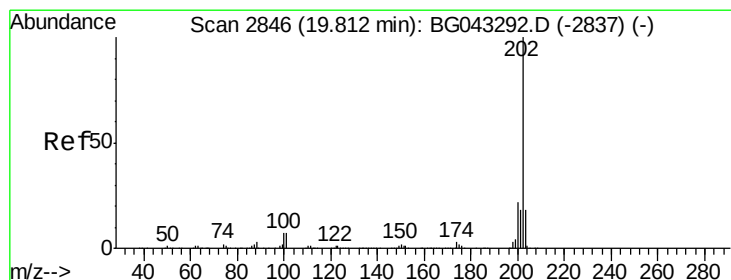
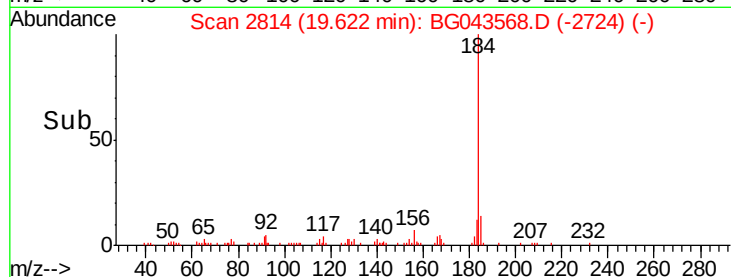
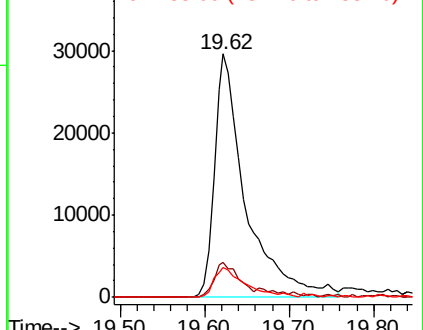
183 12.3 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.039 ng

RT: 19.80 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

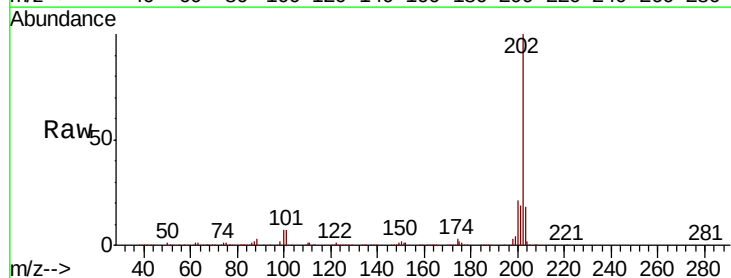
Tgt Ion:202 Resp: 546578

Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

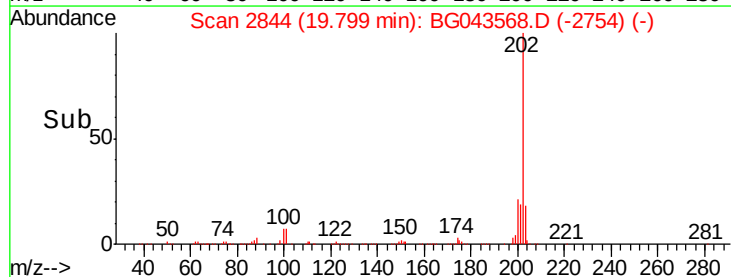
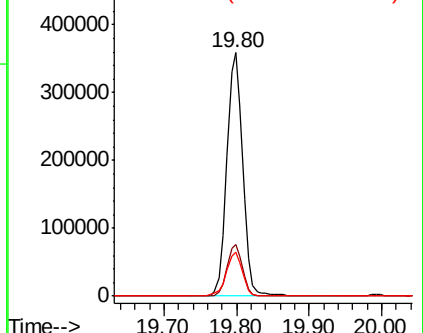
203 18.2 14.7 22.1

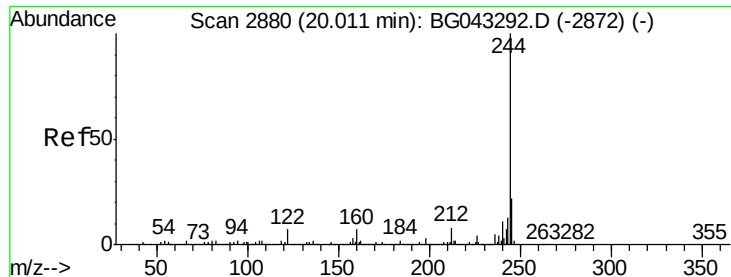


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 61.729 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

Instrument :

BNA_G

ClientSampleId :

PB124640BS

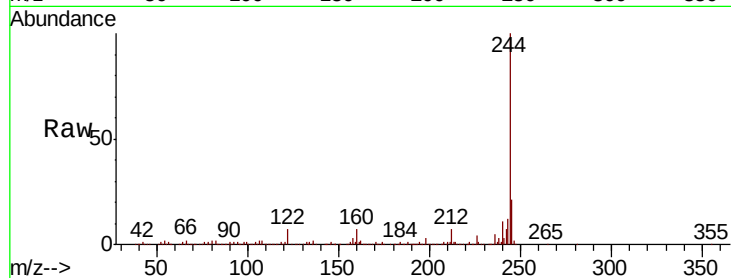
Tot Ion:244 Resp: 725653

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

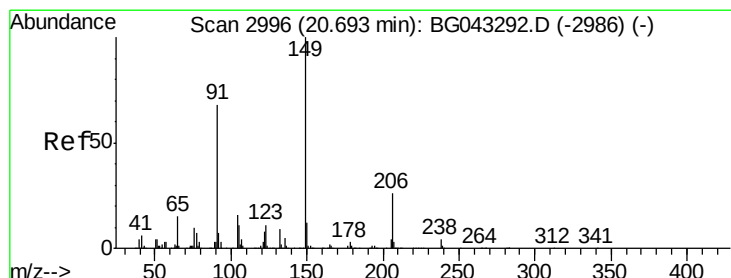
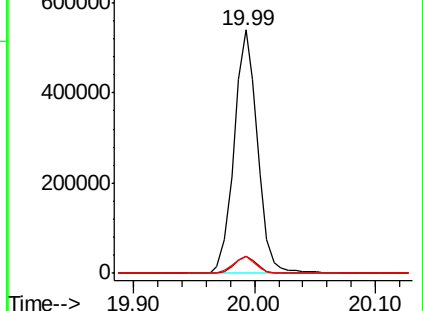
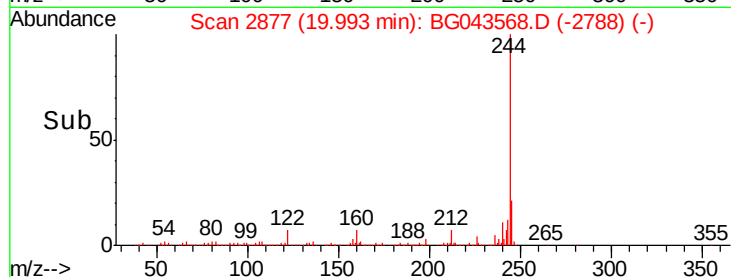
122 6.8 5.4 8.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.916 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

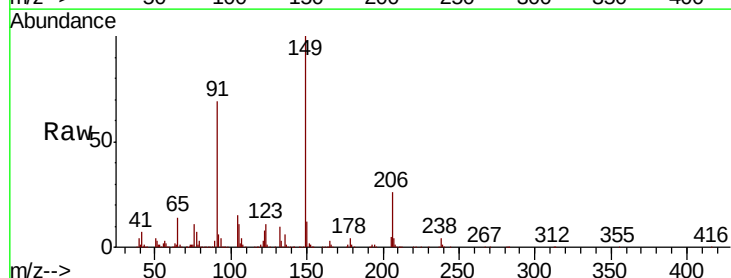
Tgt Ion:149 Resp: 201268

Ion Ratio Lower Upper

149 100

91 68.8 51.2 76.8

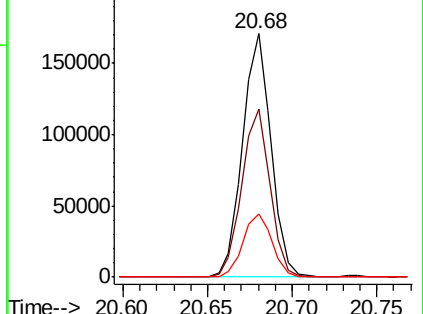
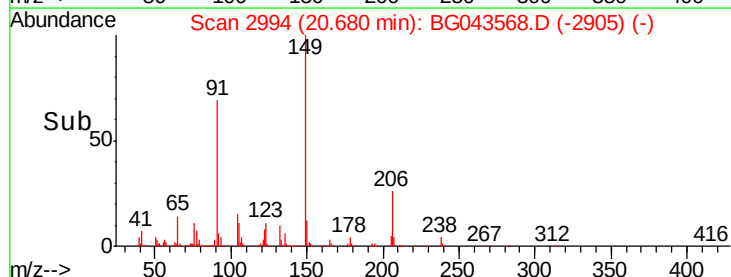
206 26.2 22.5 33.7

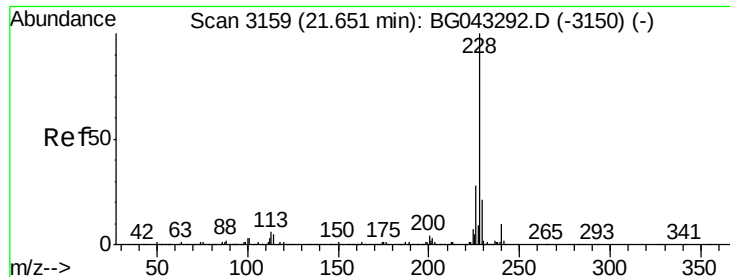


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.144 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

Instrument :

BNA_G

ClientSampleId :

PB124640BS

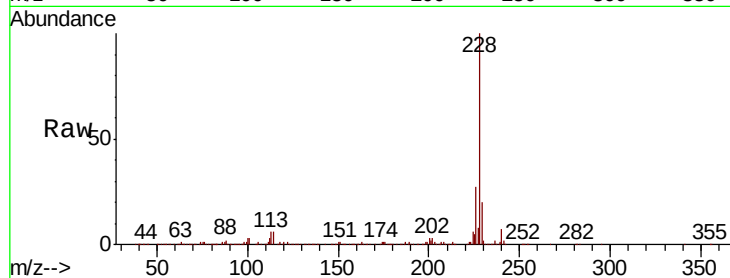
Tot Ion:228 Resp: 540748

Ion Ratio Lower Upper

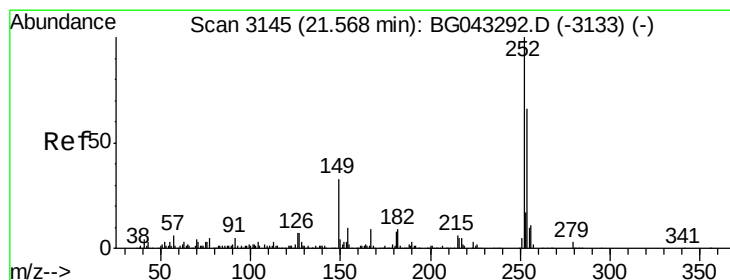
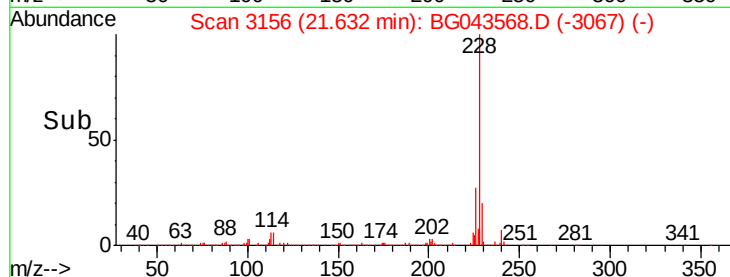
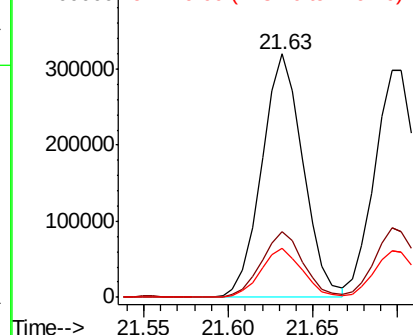
228 100

226 27.0 22.2 33.2

229 20.3 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.410 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

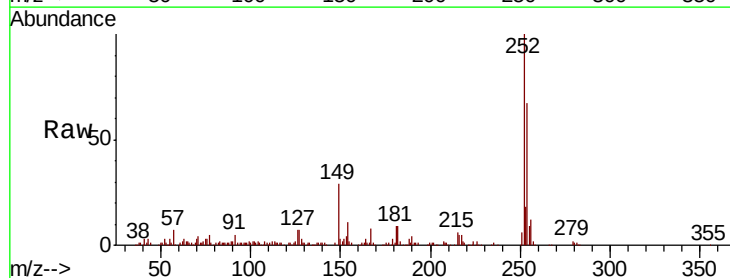
Tgt Ion:252 Resp: 173174

Ion Ratio Lower Upper

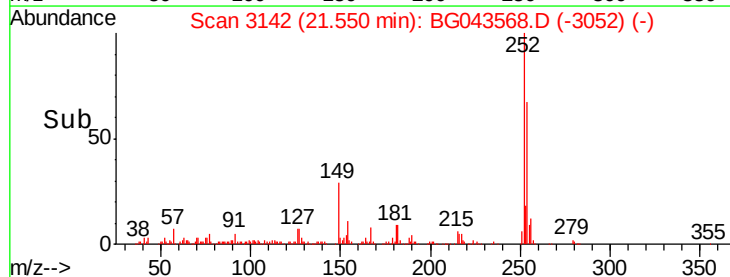
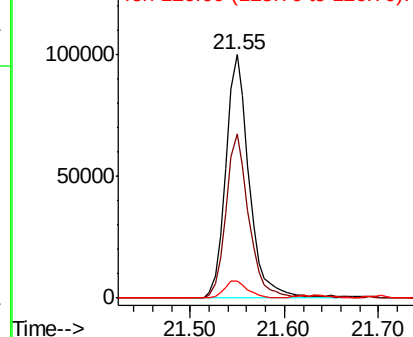
252 100

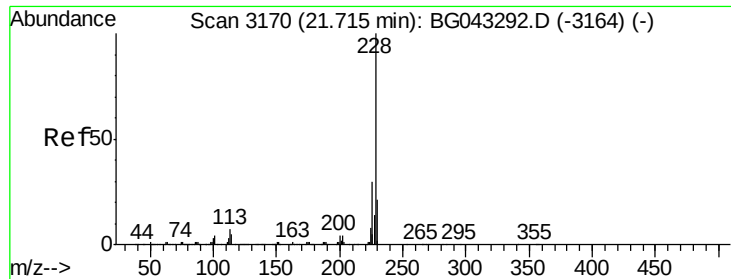
254 67.2 50.8 76.2

126 7.2 6.1 9.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.188 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

Instrument :

BNA_G

ClientSampleId :

PB124640BS

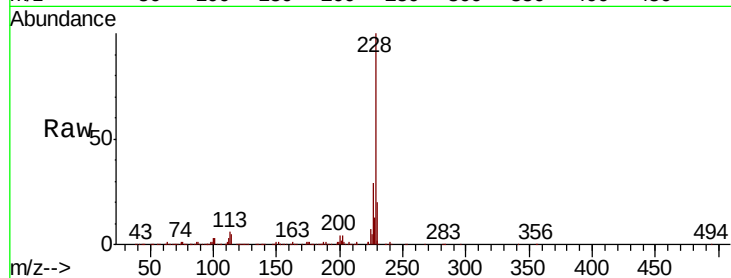
Tot Ion:228 Resp: 524162

Ion Ratio Lower Upper

228 100

226 28.8 25.1 37.7

229 20.1 17.0 25.4

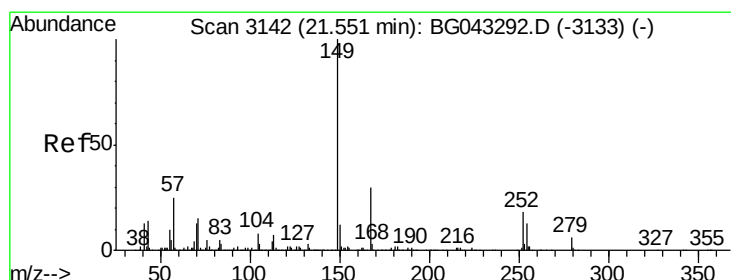
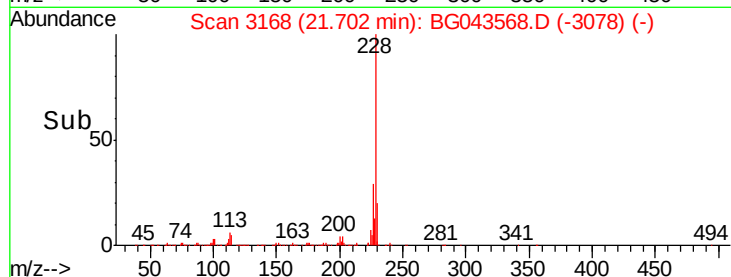
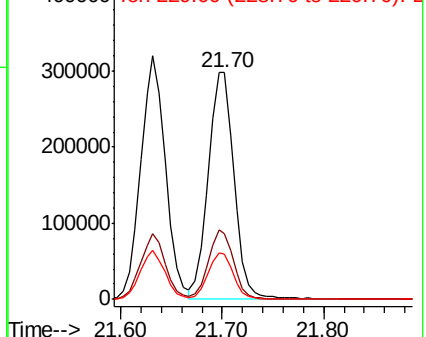


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.680 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

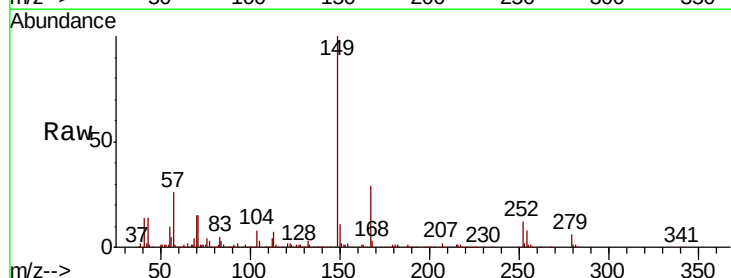
Tgt Ion:149 Resp: 291519

Ion Ratio Lower Upper

149 100

167 29.1 24.0 36.0

279 6.1 5.4 8.2

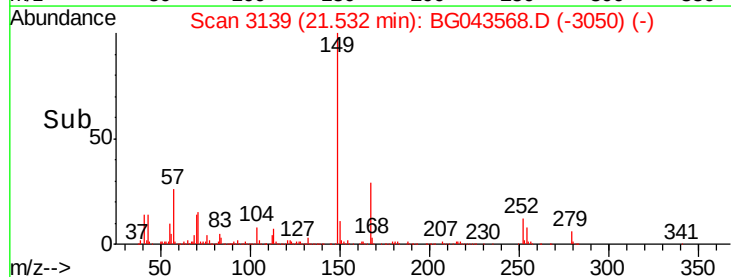
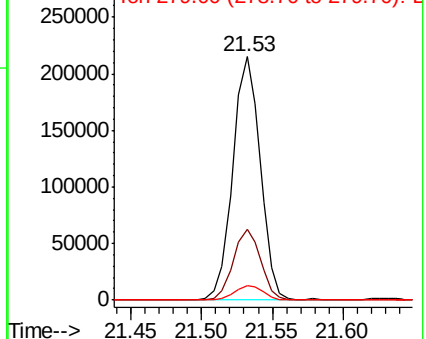


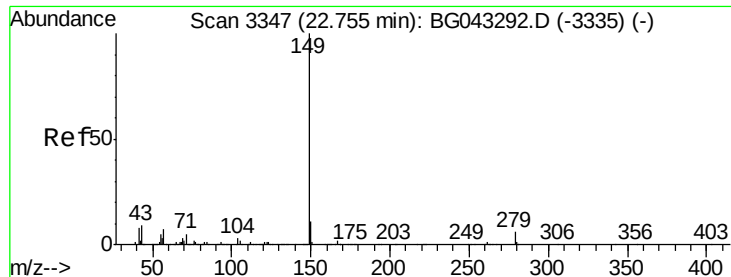
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

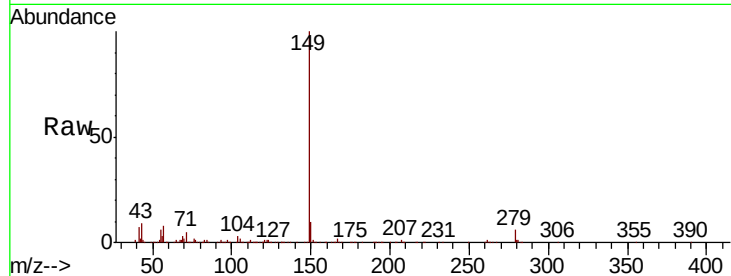




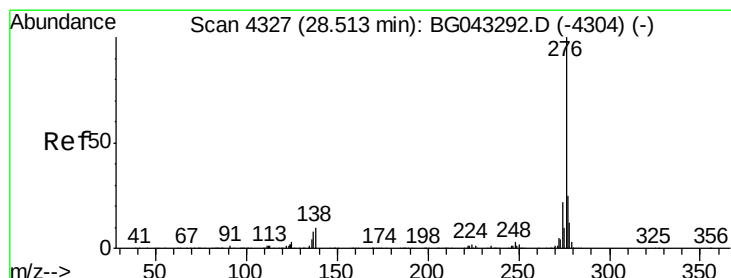
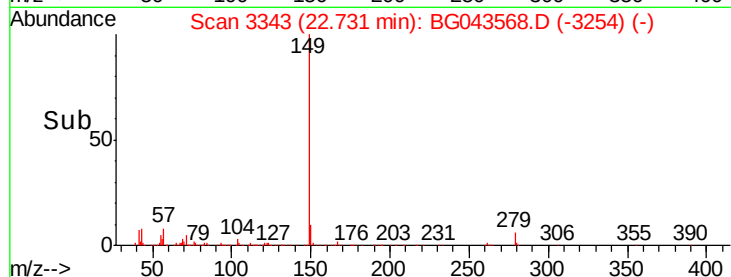
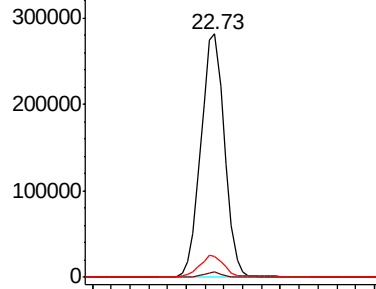
#85
Di-n-octyl phthalate
Concen: 39.270 ng
RT: 22.73 min Scan# 3343
Delta R.T. -0.01 min
Lab File: BG043568.D
Acq: 8 Nov 2019 14:11

Instrument :
BNA_G
ClientSampleId :
PB124640BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.2
43	9.4	7.0	10.6

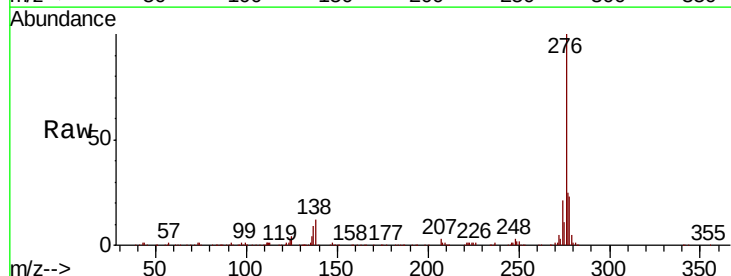


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

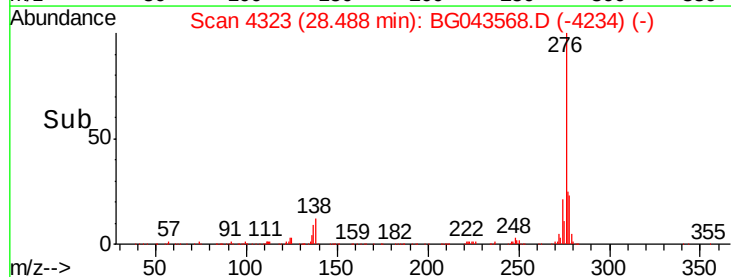
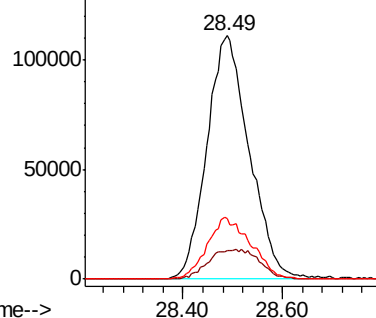


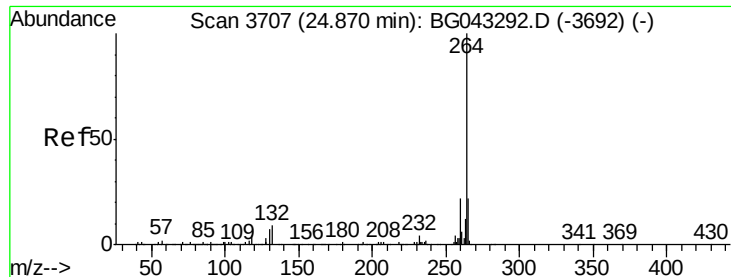
#86
Indeno(1,2,3-cd)pyrene
Concen: 38.026 ng
RT: 28.49 min Scan# 4323
Delta R.T. -0.01 min
Lab File: BG043568.D
Acq: 8 Nov 2019 14:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	6.8	10.2#
277	26.0	20.9	31.3



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.84 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

Instrument :

BNA_G

ClientSampleId :

PB124640BS

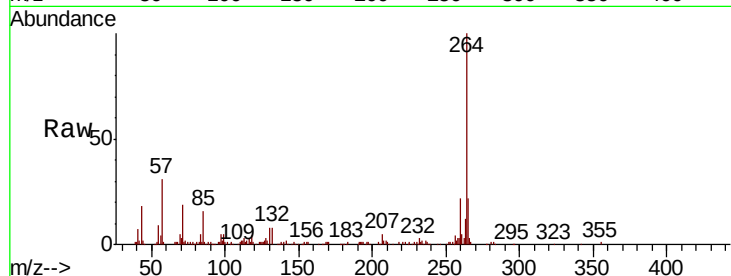
Tot Ion:264 Resp: 178073

Ion Ratio Lower Upper

264 100

260 21.5 17.5 26.3

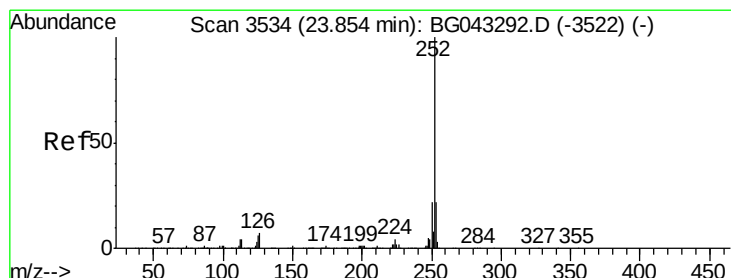
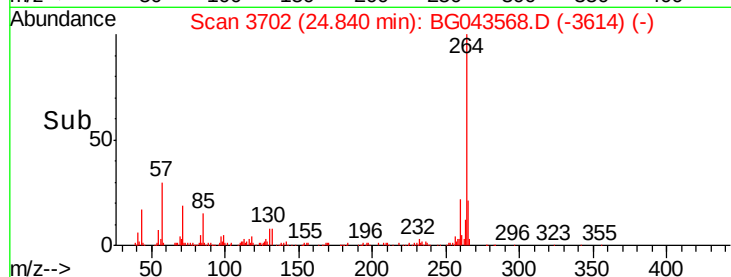
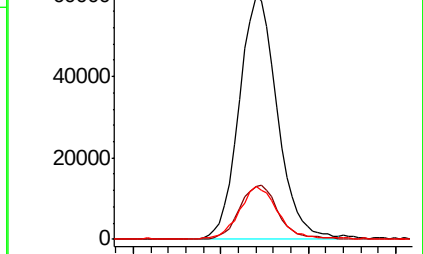
265 21.7 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 54.826 ng

RT: 23.84 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

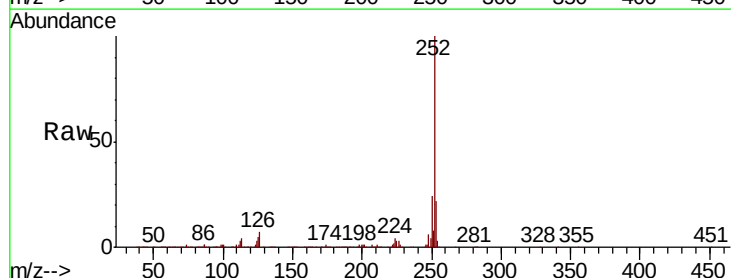
Tgt Ion:252 Resp: 552942

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

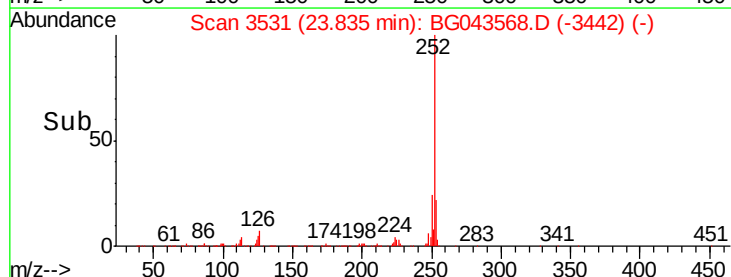
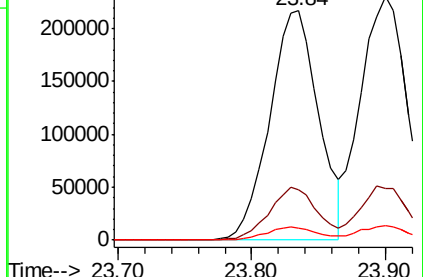
125 5.5 4.5 6.7

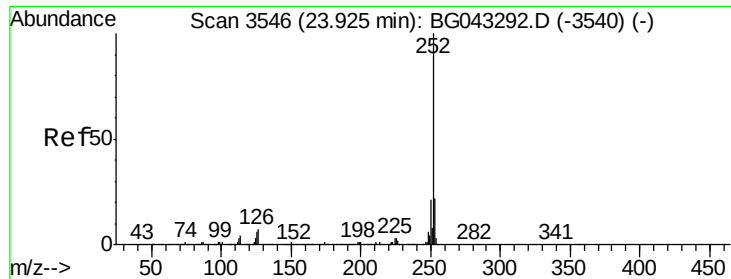


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

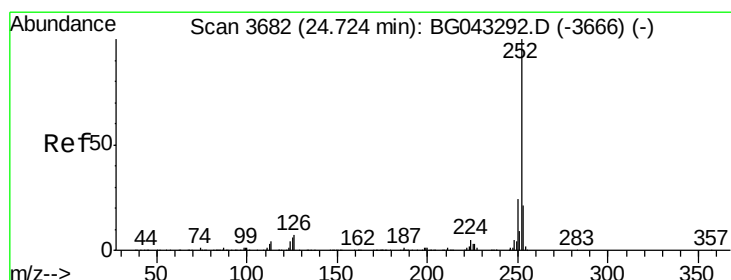
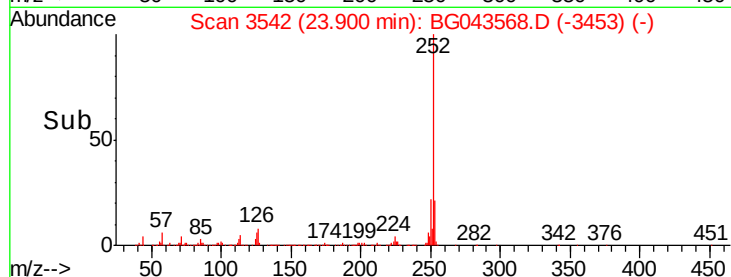
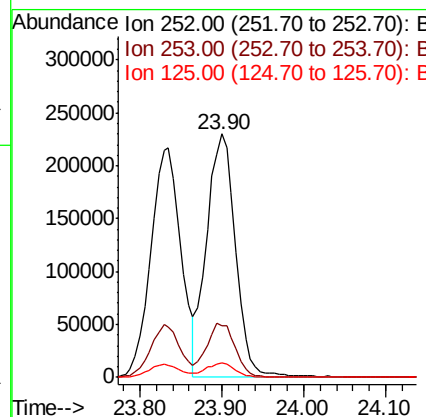
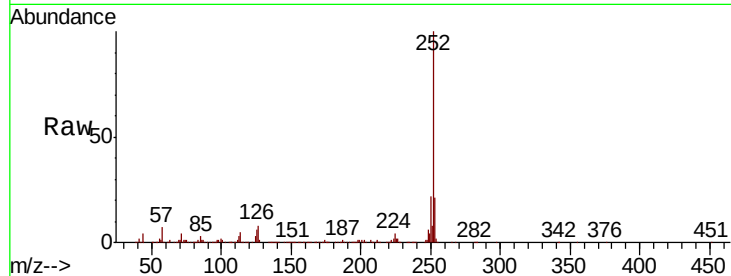




#89
Benzo(k)fluoranthene
Concen: 55.502 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG043568.D
Acq: 8 Nov 2019 14:11

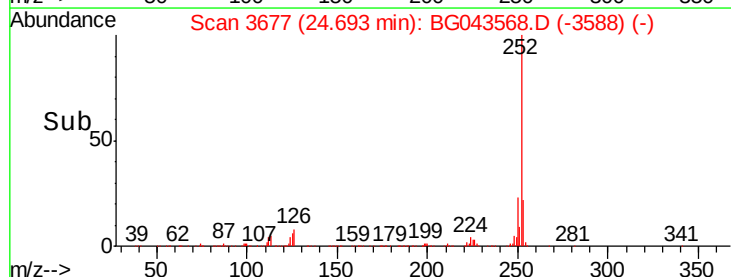
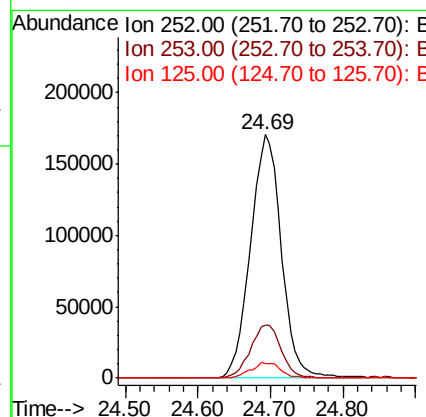
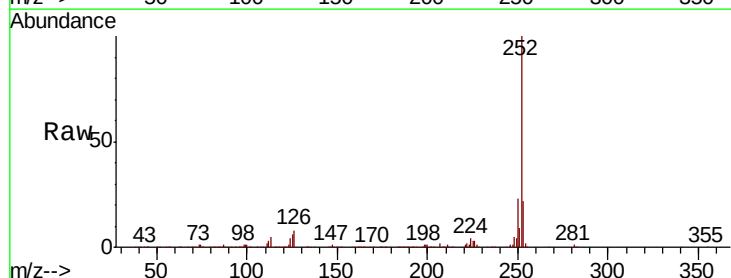
Instrument :
BNA_G
ClientSampleId :
PB124640BS

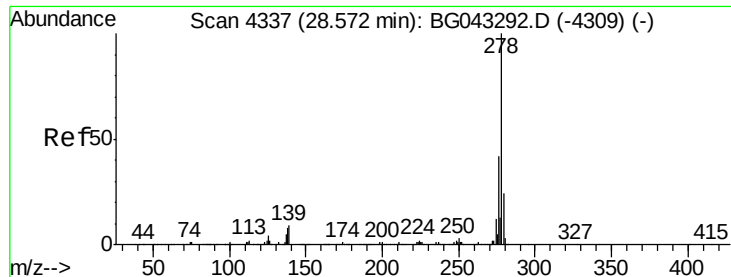
Tot Ion:252 Resp: 563518
Ion Ratio Lower Upper
252 100
253 21.4 17.3 25.9
125 6.0 4.6 6.8



#90
Benzo(a)pyrene
Concen: 52.282 ng
RT: 24.69 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG043568.D
Acq: 8 Nov 2019 14:11

Tgt Ion:252 Resp: 503522
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 5.9 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 57.354 ng

RT: 28.54 min Scan# 4331

Delta R.T. -0.02 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

Instrument :

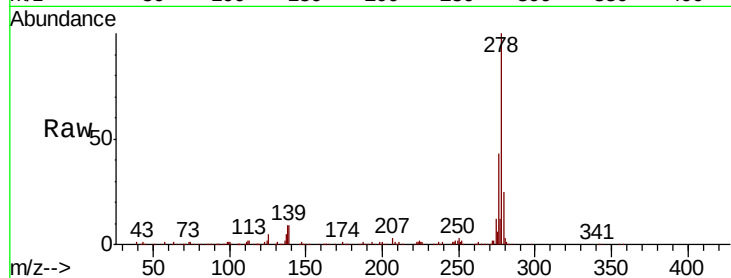
BNA_G

ClientSampleId :

PB124640BS

Tot Ion:278 Resp: 564991

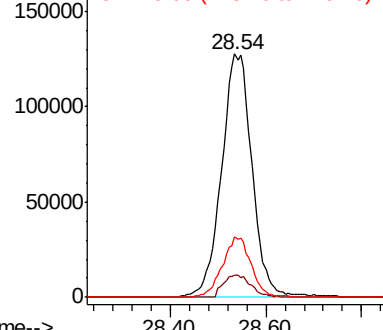
Ion	Ratio	Lower	Upper
278	100		
139	9.1	7.4	11.0
279	25.1	19.1	28.7



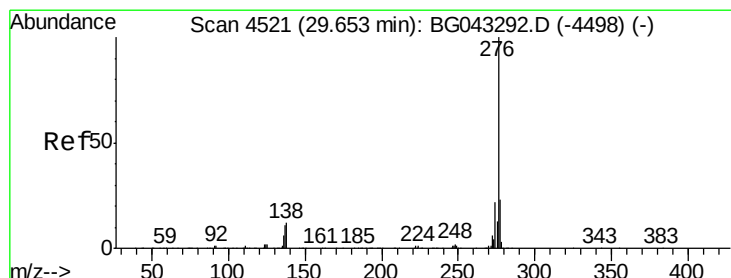
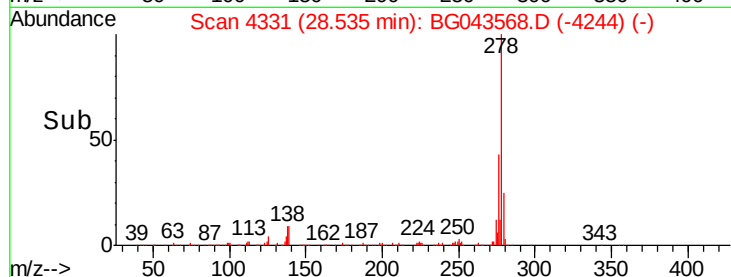
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 57.515 ng

RT: 29.62 min Scan# 4516

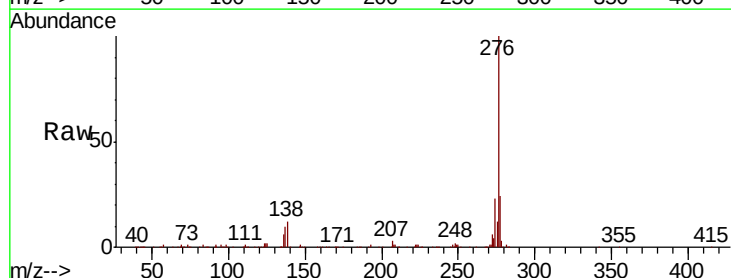
Delta R.T. -0.01 min

Lab File: BG043568.D

Acq: 8 Nov 2019 14:11

Tgt Ion:276 Resp: 558874

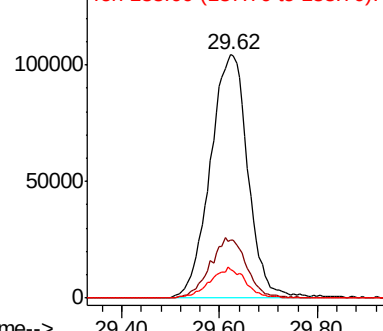
Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	12.0	8.9	13.3



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



Time-->

