

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110519\
 Data File : BG043507.D
 Acq On : 5 Nov 2019 14:37
 Operator : JU
 Sample : PB124558BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 06 00:45:19 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	8.01	152	29237	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	125298	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	94534	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	226559	20.00	ng	0.00
76) Chrysene-d12	21.66	240	271052	20.00	ng	0.00
87) Perylene-d12	24.85	264	249846	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	221230	138.66	ng	0.00
7) Phenol-d6	7.20	99	297613	129.65	ng	0.00
23) Nitrobenzene-d5	9.17	82	148759	61.21	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	190421	105.85	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	414314	60.56	ng	0.00
79) Terphenyl-d14	20.00	244	880659	60.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	25917	41.683	ng	98
3) Pyridine	3.87	79	59169	37.725	ng	96
4) n-Nitrosodimethylamine	3.79	42	34957	44.169	ng	# 97
6) Aniline	7.34	93	79724	30.148	ng	100
8) 2-Chlorophenol	7.58	128	88743	50.386	ng	97
9) Benzaldehyde	7.15	77	29033	25.735	ng	96
10) Phenol	7.22	94	104919	50.017	ng	96
11) bis(2-Chloroethyl)ether	7.43	93	67552	41.652	ng	99
12) 1,3-Dichlorobenzene	7.90	146	95178	43.131	ng	99
13) 1,4-Dichlorobenzene	8.05	146	95226	42.651	ng	96
14) 1,2-Dichlorobenzene	8.36	146	93887	43.068	ng	97
15) Benzyl Alcohol	8.26	79	73198	45.403	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.53	45	94537	40.088	ng	97
17) 2-Methylphenol	8.47	107	73844	48.289	ng	97
18) Hexachloroethane	9.09	117	33986	42.191	ng	94
19) n-Nitroso-di-n-propylamine	8.81	70	64109	43.219	ng	# 95
20) 3+4-Methylphenols	8.80	107	98548	46.996	ng	97
22) Acetophenone	8.83	105	123680	38.545	ng	# 99
24) Nitrobenzene	9.22	77	95630	41.305	ng	98
25) Isophorone	9.73	82	178702	40.217	ng	98
26) 2-Nitrophenol	9.93	139	50674	45.336	ng	94
27) 2,4-Dimethylphenol	10.00	122	78742	49.151	ng	97
28) bis(2-Chloroethoxy)methane	10.21	93	97065	39.579	ng	98
29) 2,4-Dichlorophenol	10.48	162	91290	44.474	ng	96
30) 1,2,4-Trichlorobenzene	10.68	180	101366	39.182	ng	94
31) Naphthalene	10.87	128	266166	41.850	ng	99
32) Benzoic acid	10.17	122	35679	32.718	ng	87
33) 4-Chloroaniline	10.98	127	63452	24.338	ng	99
34) Hexachlorobutadiene	11.15	225	73225	38.289	ng	92
35) Caprolactam	11.75	113	20010	28.305	ng	97
36) 4-Chloro-3-methylphenol	12.11	107	97136	43.383	ng	98
37) 2-Methylnaphthalene	12.47	142	204639	41.935	ng	97
38) 1-Methylnaphthalene	12.69	142	192514	41.462	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	131698	37.643	ng	99

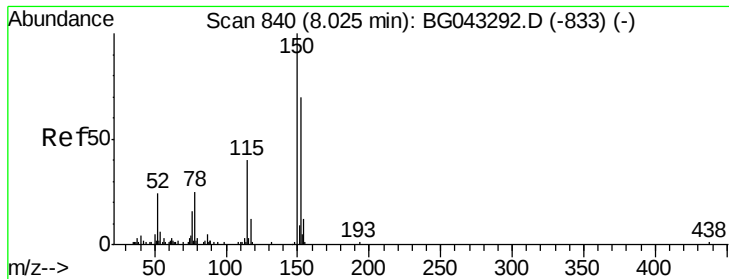
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110519\
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 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	102830	55.952	ng	99
43) 2,4,6-Trichlorophenol	13.08	196	82191	39.892	ng	92
44) 2,4,5-Trichlorophenol	13.17	196	87851	42.176	ng	95
46) 1,1'-Biphenyl	13.48	154	274121	38.117	ng	99
47) 2-Chloronaphthalene	13.52	162	211849	38.716	ng	97
48) 2-Nitroaniline	13.73	65	63781	38.999	ng	91
49) Acenaphthylene	14.36	152	347642	40.821	ng	99
50) Dimethylphthalate	14.09	163	281035	38.381	ng	98
51) 2,6-Dinitrotoluene	14.22	165	64400	40.484	ng	92
52) Acenaphthene	14.70	154	202876	39.064	ng	95
53) 3-Nitroaniline	14.56	138	44642	29.067	ng	97
54) 2,4-Dinitrophenol	14.76	184	75081	75.986	ng	93
55) Dibenzofuran	15.04	168	339448	40.305	ng	99
56) 4-Nitrophenol	14.89	139	94618	91.932	ng	88
57) 2,4-Dinitrotoluene	15.00	165	91285	40.154	ng	# 97
58) Fluorene	15.69	166	280608	39.725	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.19	232	87629	39.596	ng	93
60) Diethylphthalate	15.46	149	284334	38.646	ng	99
61) 4-Chlorophenyl-phenylether	15.68	204	158253	38.403	ng	98
62) 4-Nitroaniline	15.72	138	66567	41.968	ng	95
63) Azobenzene	15.97	77	234317	39.352	ng	96
65) 4,6-Dinitro-2-methylphenol	15.77	198	59212	44.410	ng	93
66) n-Nitrosodiphenylamine	15.90	169	254858	39.844	ng	98
67) 4-Bromophenyl-phenylether	16.57	248	115082	37.744	ng	97
68) Hexachlorobenzene	16.70	284	126283	36.082	ng	96
69) Atrazine	16.84	200	109961	49.474	ng	98
70) Pentachlorophenol	17.05	266	136586	85.647	ng	99
71) Phenanthrene	17.43	178	461715	39.798	ng	99
72) Anthracene	17.52	178	474254	40.857	ng	100
73) Carbazole	17.79	167	446789	42.505	ng	99
74) Di-n-butylphthalate	18.35	149	526450	41.277	ng	99
75) Fluoranthene	19.44	202	645476	42.677	ng	99
77) Benzidine	19.63	184	158664	29.086	ng	97
78) Pyrene	19.80	202	650326	38.761	ng	100
80) Butylbenzylphthalate	20.68	149	249357	39.229	ng	97
81) Benzo(a)anthracene	21.64	228	678588	39.967	ng	99
82) 3,3'-Dichlorobenzidine	21.55	252	222769	33.923	ng	95
83) Chrysene	21.70	228	664846	39.411	ng	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	363991	40.312	ng	99
85) Di-n-octyl phthalate	22.74	149	626454	40.894	ng	100
86) Indeno(1,2,3-cd)pyrene	28.49	276	854347	40.346	ng	99
88) Benzo(b)fluoranthene	23.84	252	713957	50.455	ng	98
89) Benzo(k)fluoranthene	23.90	252	719470	50.505	ng	99
90) Benzo(a)pyrene	24.70	252	658745	48.750	ng	99
91) Dibenzo(a,h)anthracene	28.55	278	734756	53.160	ng	98
92) Benzo(g,h,i)perylene	29.64	276	727853	53.387	ng	97

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

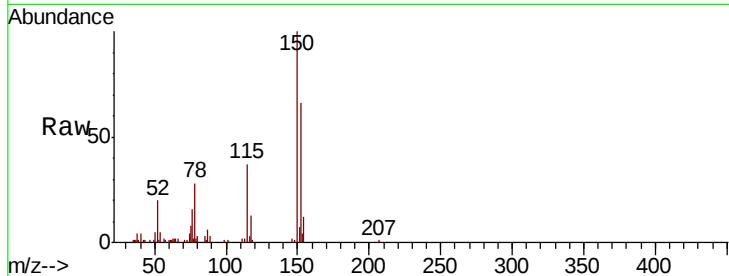


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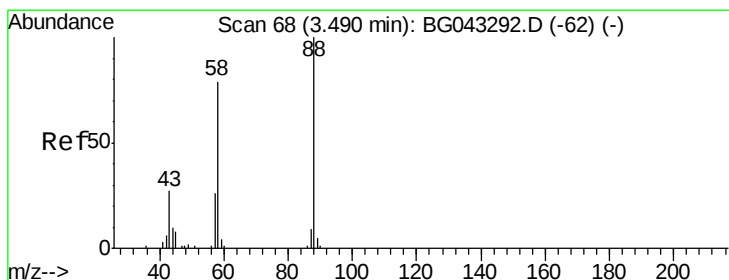
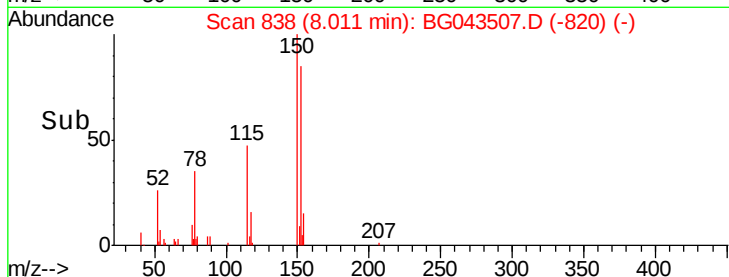
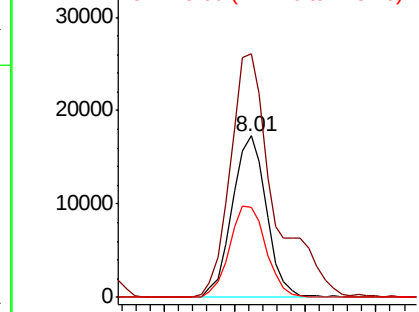
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.00 min
Lab File: BG043507.D
Acq: 5 Nov 2019 14:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 29237
Ion Ratio Lower Upper
152 100
150 150.8 129.4 194.0
115 55.8 48.8 73.2



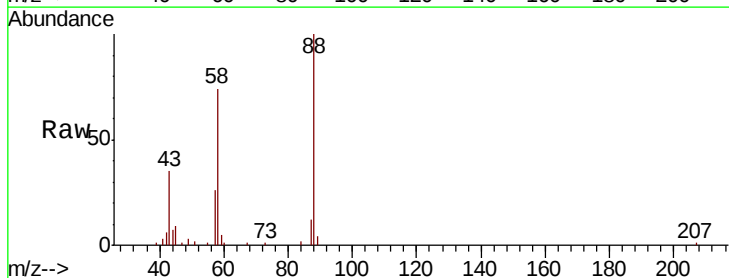
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



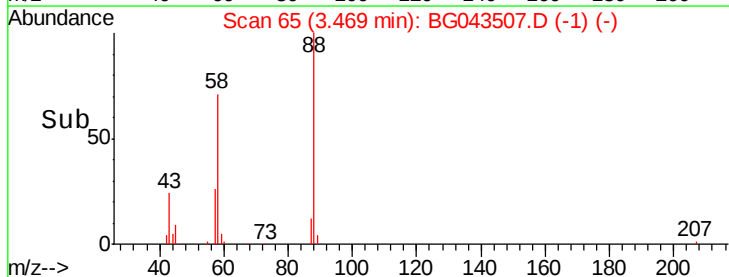
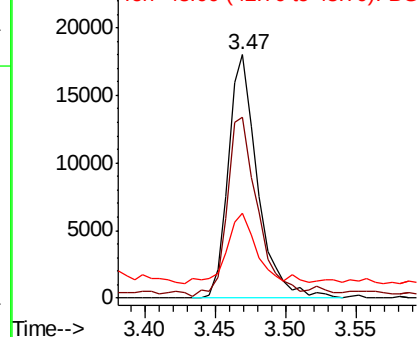
#2

1,4-Dioxane
Concen: 41.683 ng
RT: 3.47 min Scan# 65
Delta R.T. -0.00 min
Lab File: BG043507.D
Acq: 5 Nov 2019 14:37

Tgt Ion: 88 Resp: 25917
Ion Ratio Lower Upper
88 100
58 75.9 62.7 94.1
43 29.5 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: 37.725 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

Instrument :

BNA_G

ClientSampleId :

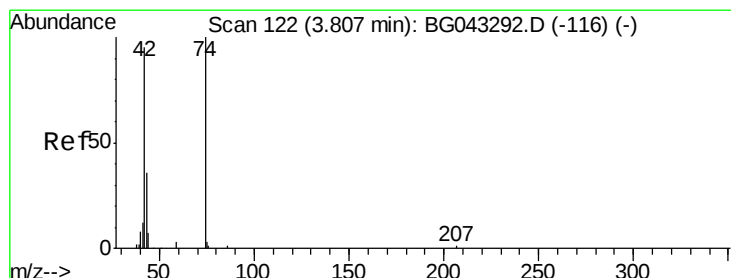
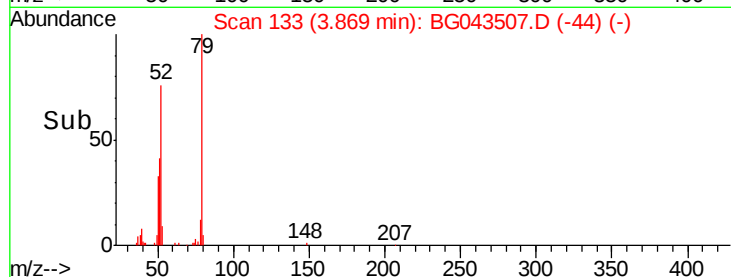
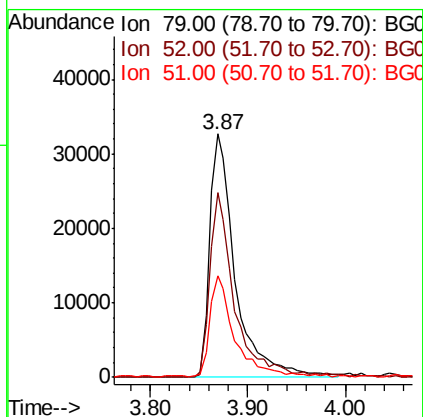
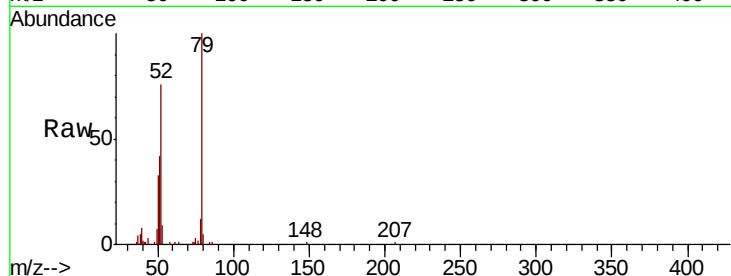
Tot Ion: 79 Resp: 59169

Ion Ratio Lower Upper

79 100

52 75.6 56.5 84.7

51 41.6 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 44.169 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

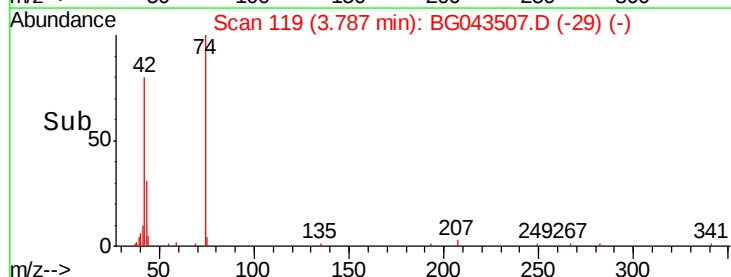
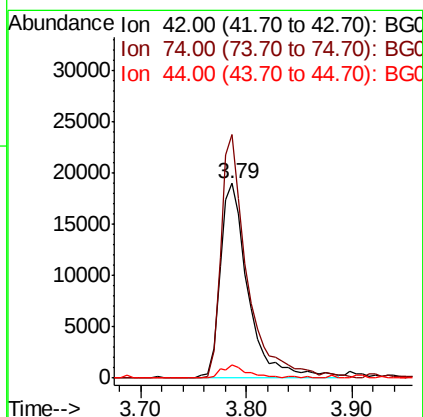
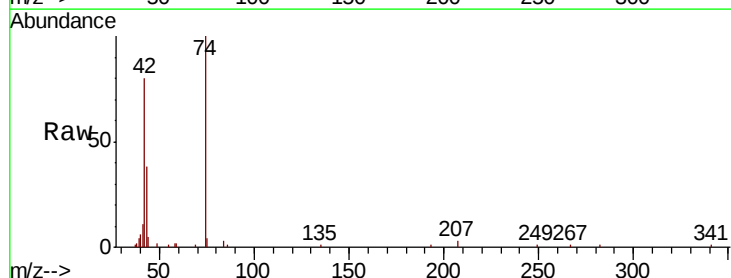
Tgt Ion: 42 Resp: 34957

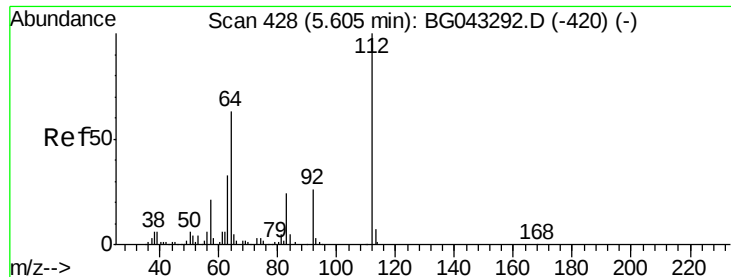
Ion Ratio Lower Upper

42 100

74 124.9 97.3 145.9

44 6.8 4.4 6.6#





#5

2-Fluorophenol

Concen: 138.657 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

Instrument :

BNA_G

ClientSampleId :

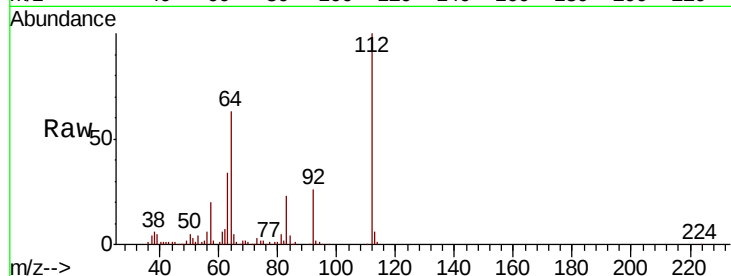
Tot Ion:112 Resp: 221230

Ion Ratio Lower Upper

112 100

64 63.5 50.0 75.0

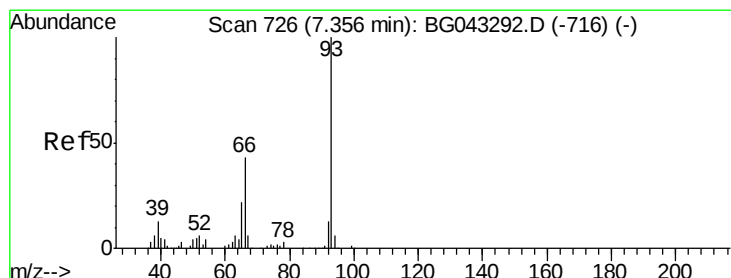
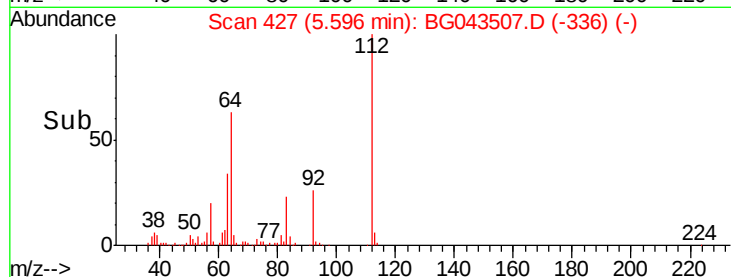
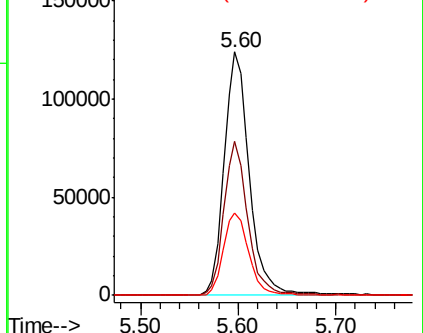
63 33.9 26.6 40.0



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: 30.148 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

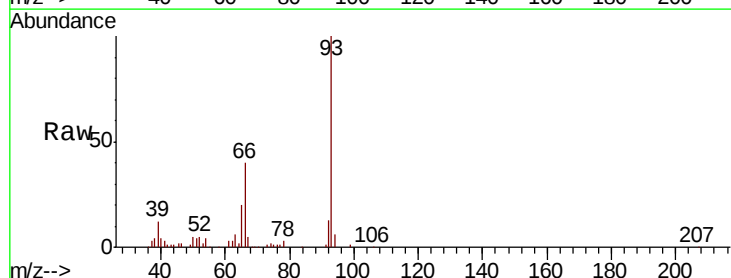
Tgt Ion: 93 Resp: 79724

Ion Ratio Lower Upper

93 100

66 40.4 32.3 48.5

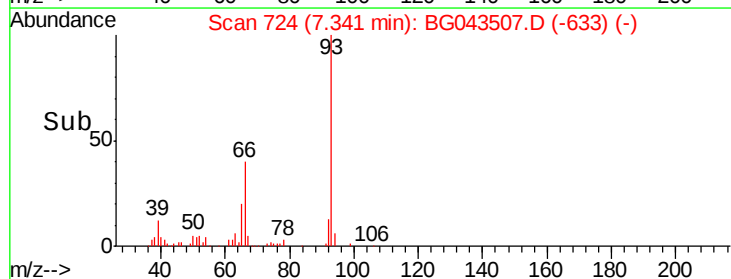
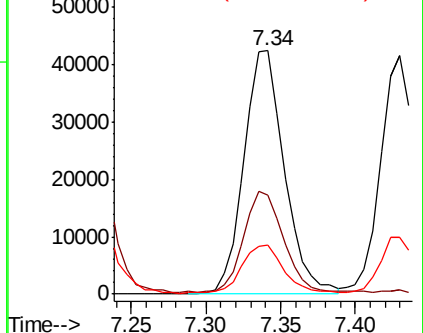
65 20.0 16.1 24.1

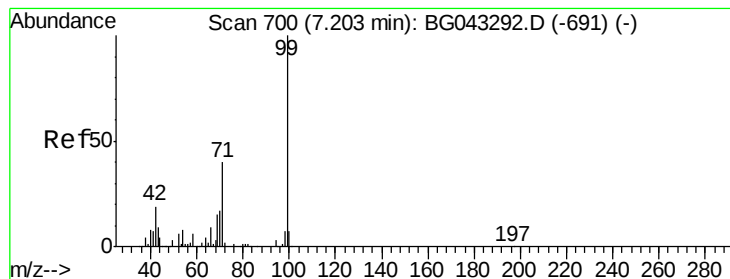


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 129.647 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

Instrument :

BNA_G

ClientSampleId :

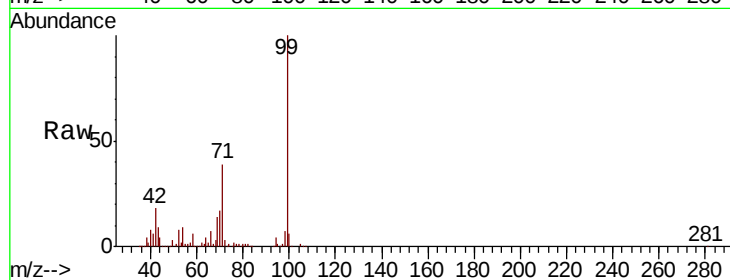
Tot Ion: 99 Resp: 297613

Ion Ratio Lower Upper

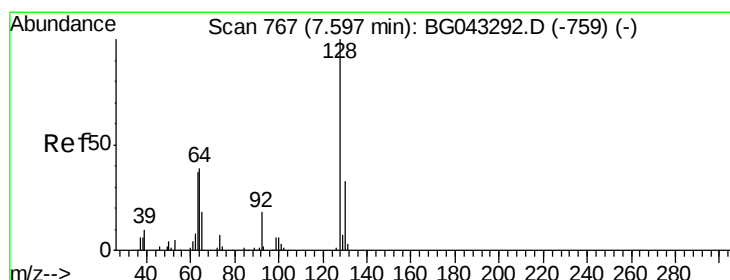
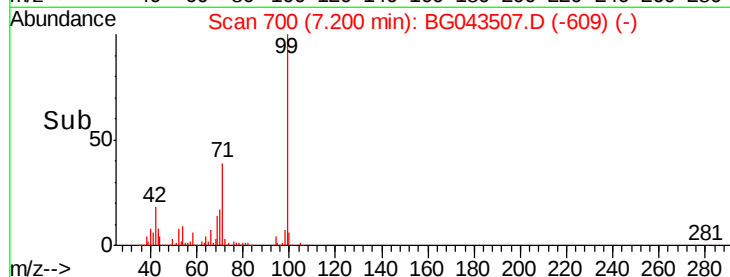
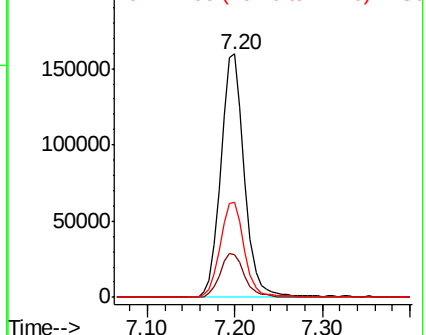
99 100

42 17.6 14.6 21.8

71 39.0 32.5 48.7



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



#8

2-Chlorophenol

Concen: 50.386 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

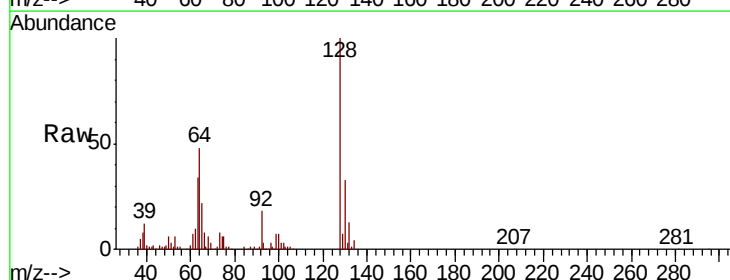
Tgt Ion:128 Resp: 88743

Ion Ratio Lower Upper

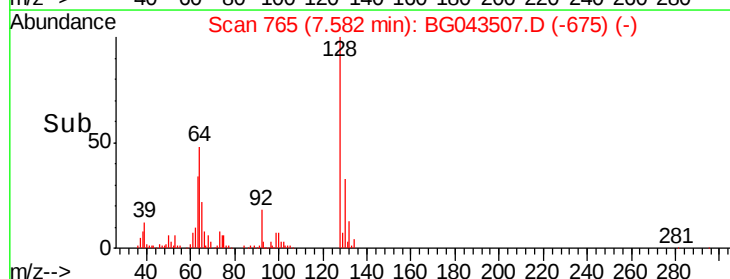
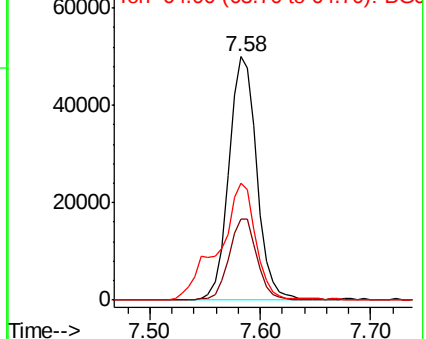
128 100

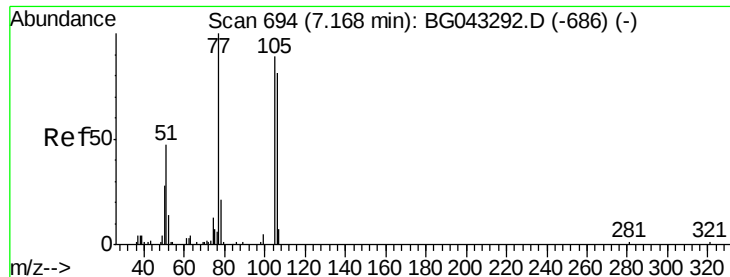
130 33.5 12.5 52.5

64 48.0 25.3 65.3



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





#9

Benzaldehyde

Concen: 25.735 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

Instrument :

BNA_G

ClientSampleId :

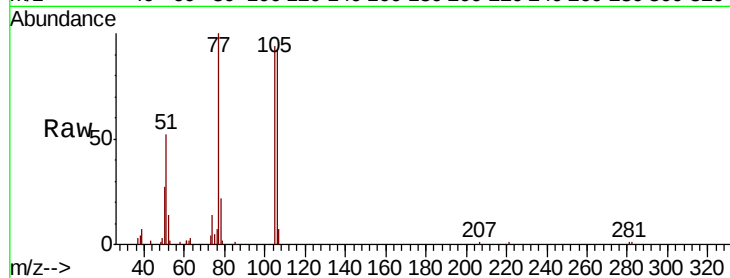
Tot Ion: 77 Resp: 29033

Ion Ratio Lower Upper

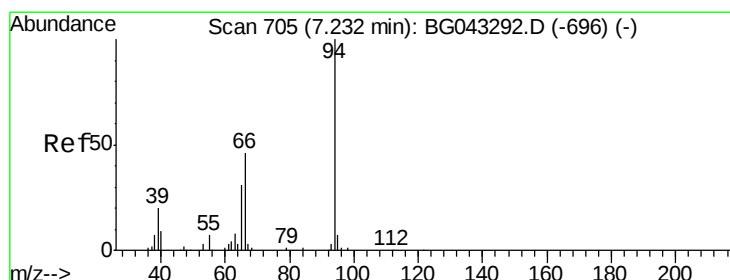
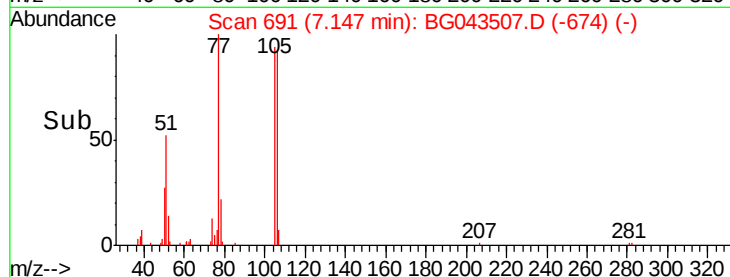
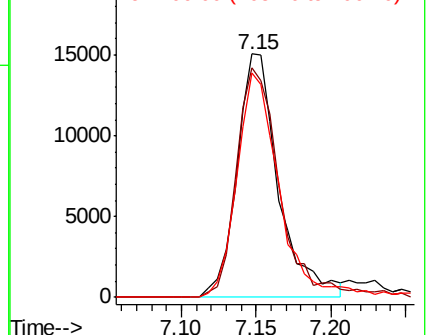
77 100

105 94.4 68.6 108.6

106 92.0 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: 50.017 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

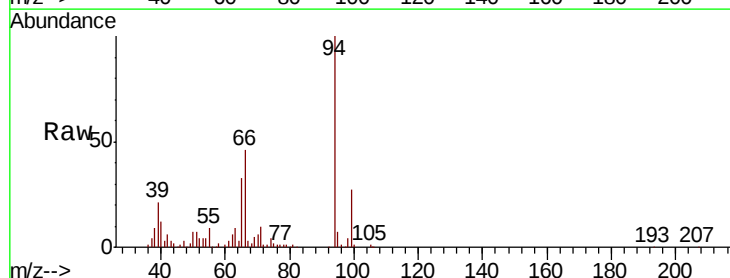
Tgt Ion: 94 Resp: 104919

Ion Ratio Lower Upper

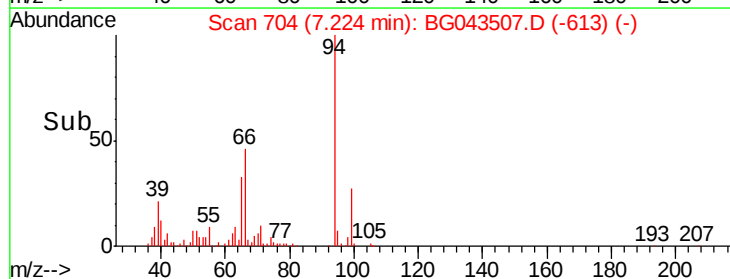
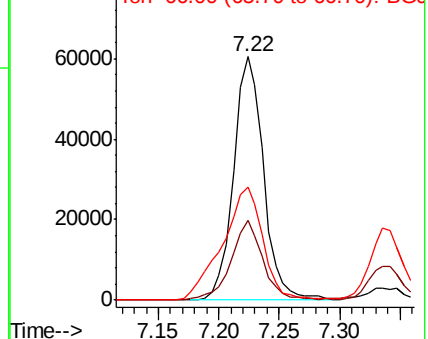
94 100

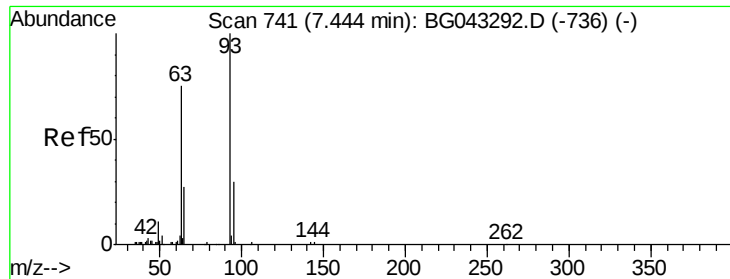
65 32.9 12.6 52.6

66 46.2 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: 41.652 ng

RT: 7.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

Instrument :

BNA_G

ClientSampleId :

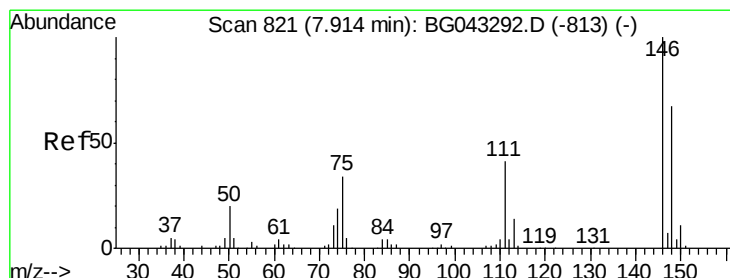
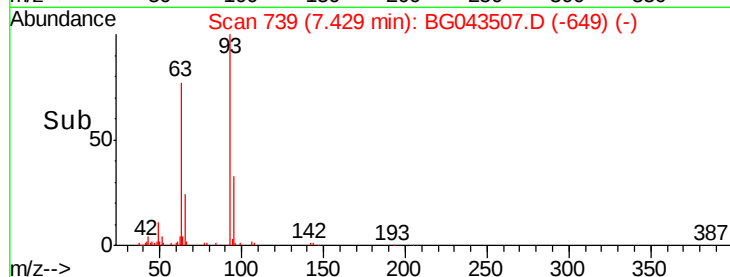
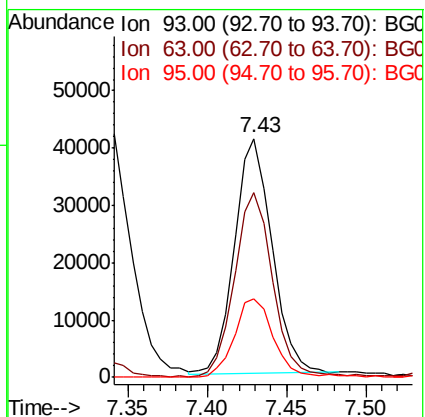
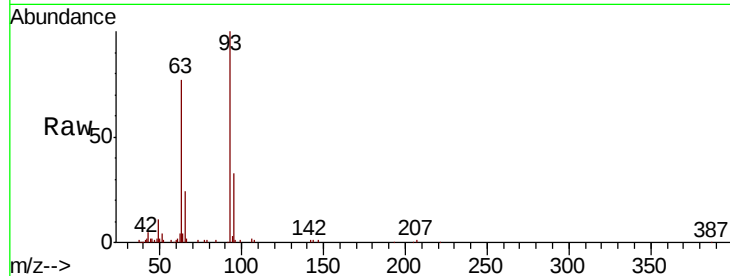
Tot Ion: 93 Resp: 67552

Ion Ratio Lower Upper

93 100

63 77.1 56.3 96.3

95 33.1 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 43.131 ng

RT: 7.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

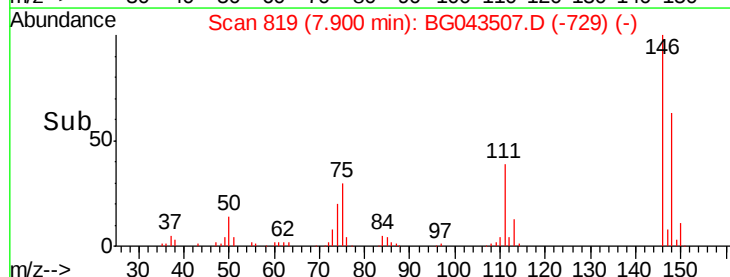
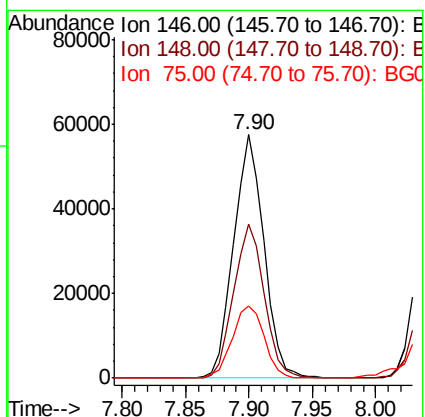
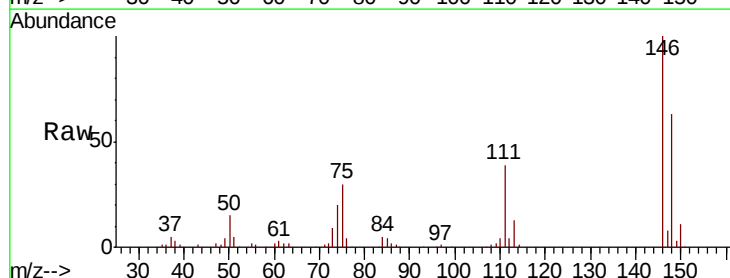
Tgt Ion: 146 Resp: 95178

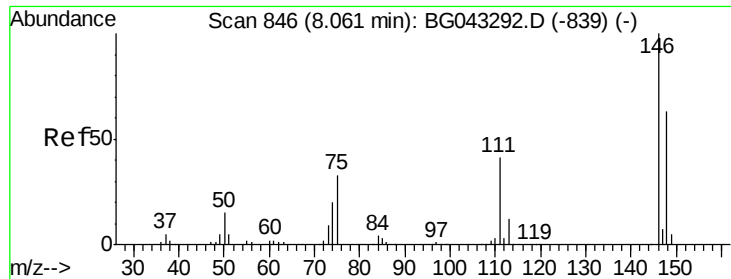
Ion Ratio Lower Upper

146 100

148 63.5 50.3 75.5

75 29.8 24.6 37.0

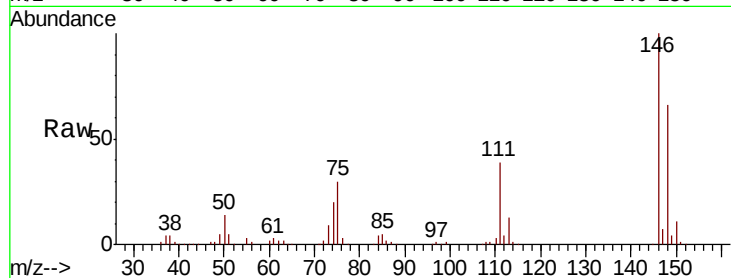




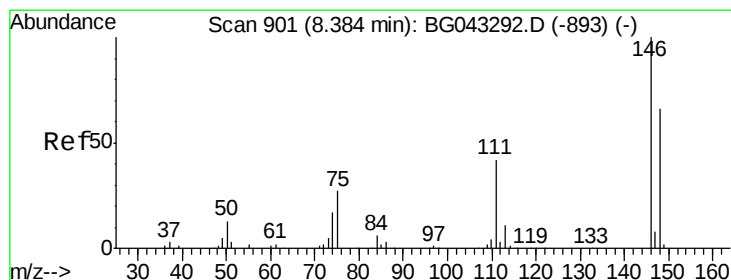
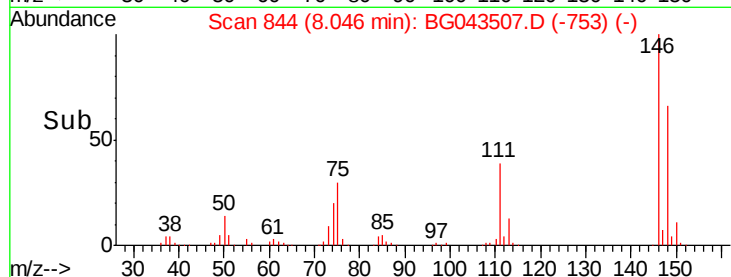
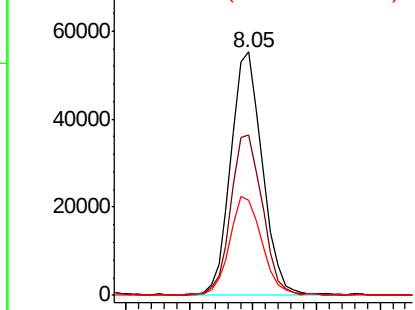
#13
 1,4-Dichlorobenzene
 Concen: 42.651 ng
 RT: 8.05 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BG043507.D
 Acq: 5 Nov 2019 14:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 95226
 Ion Ratio Lower Upper
 146 100
 148 66.1 50.7 76.1
 111 39.2 33.4 50.2

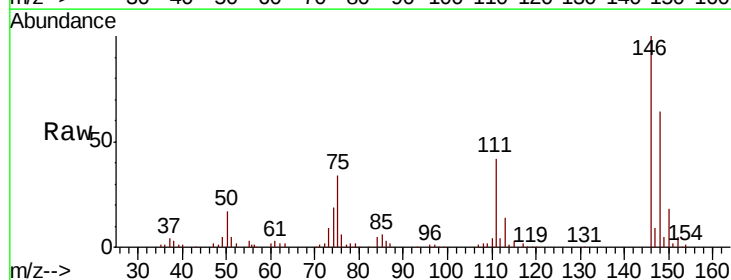


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

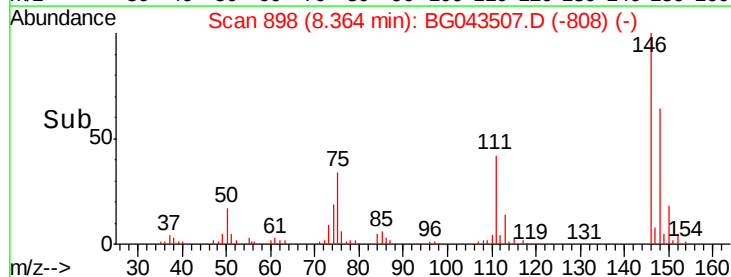
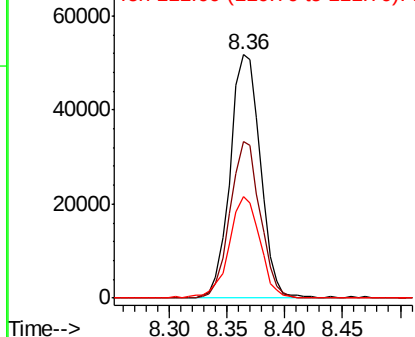


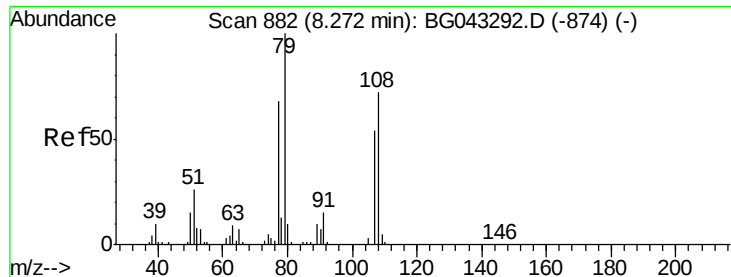
#14
 1,2-Dichlorobenzene
 Concen: 43.068 ng
 RT: 8.36 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BG043507.D
 Acq: 5 Nov 2019 14:37

Tgt Ion:146 Resp: 93887
 Ion Ratio Lower Upper
 146 100
 148 64.2 53.2 79.8
 111 42.0 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: 45.403 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

Instrument :

BNA_G

ClientSampled :

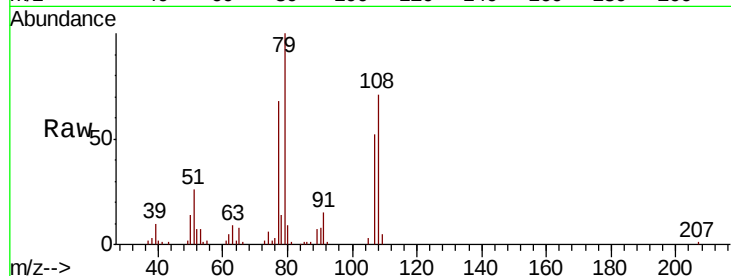
Tot Ion: 79 Resp: 73198

Ion Ratio Lower Upper

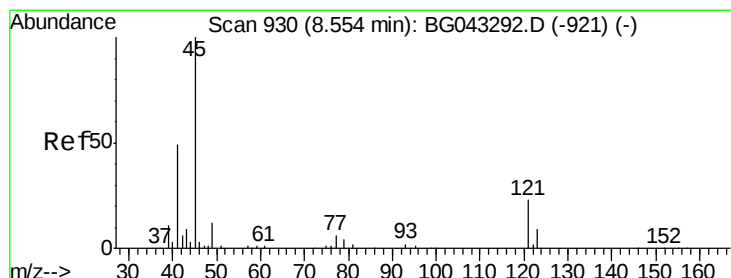
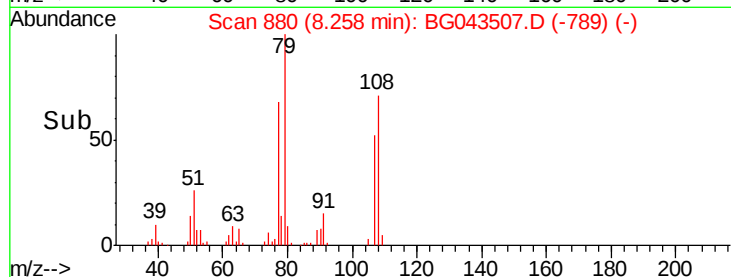
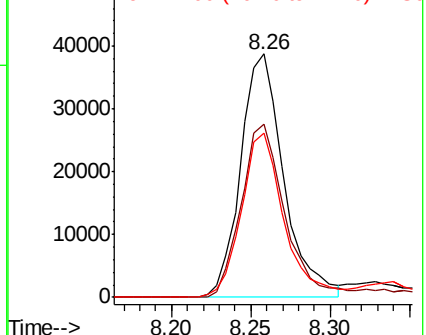
79 100

108 71.4 53.6 80.4

77 67.7 49.6 74.4



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.088 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

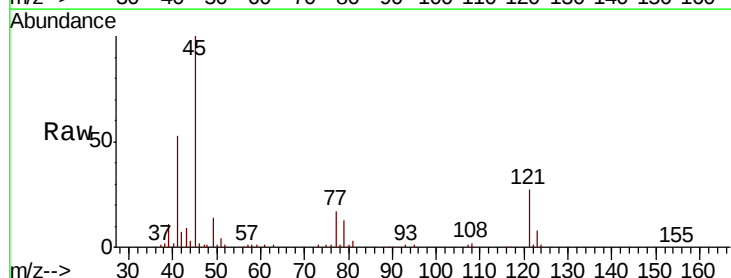
Tgt Ion: 45 Resp: 94537

Ion Ratio Lower Upper

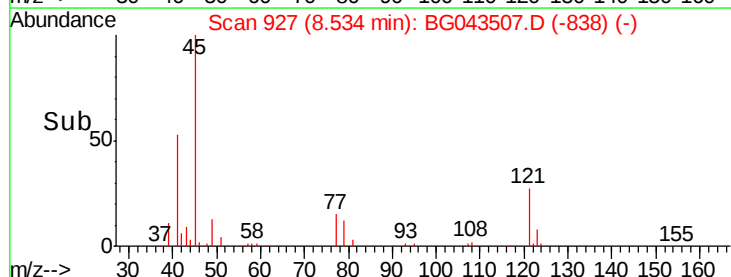
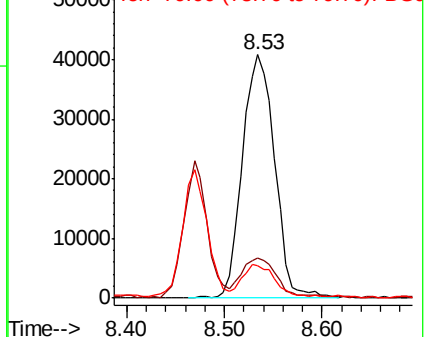
45 100

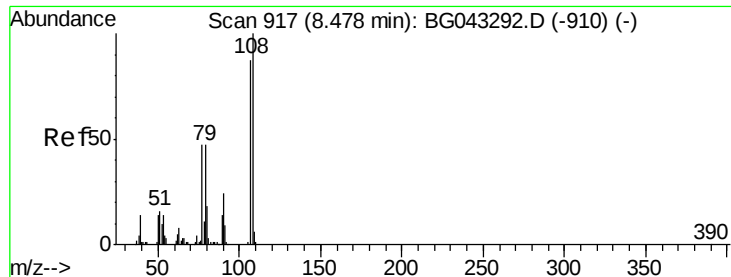
77 16.7 0.0 34.9

79 13.5 0.0 33.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 48.289 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 73844

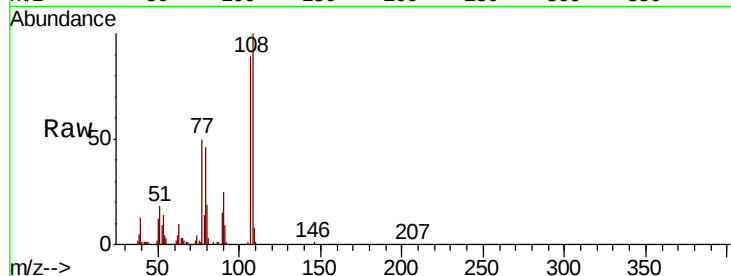
Ion Ratio Lower Upper

107 100

108 112.6 90.2 135.4

77 56.1 40.2 60.2

79 52.1 44.0 66.0

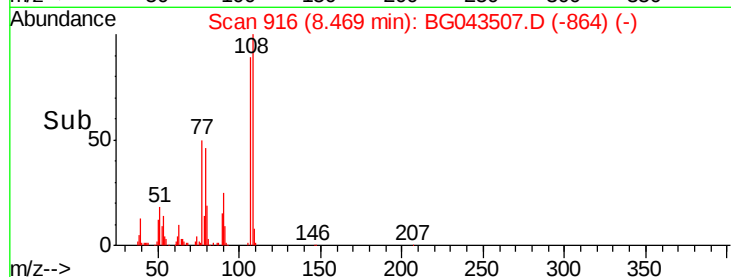


Abundance Ion 107.00 (106.70 to 107.70): E

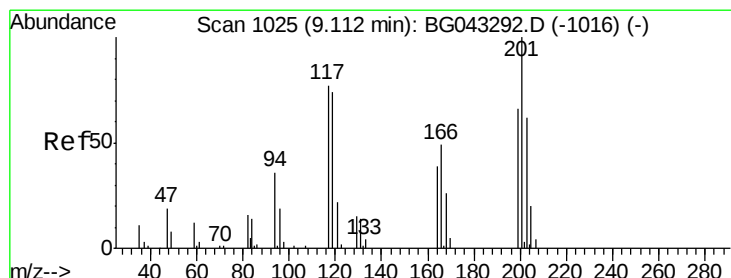
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



Time-->



#18

Hexachloroethane

Concen: 42.191 ng

RT: 9.09 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

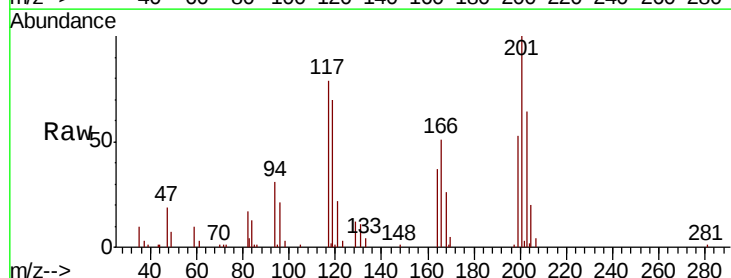
Tgt Ion:117 Resp: 33986

Ion Ratio Lower Upper

117 100

119 90.8 79.0 118.4

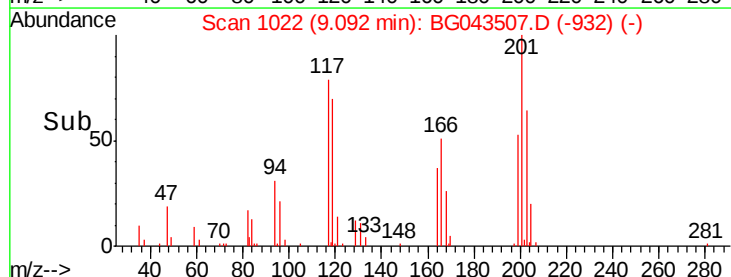
201 127.1 105.4 158.2



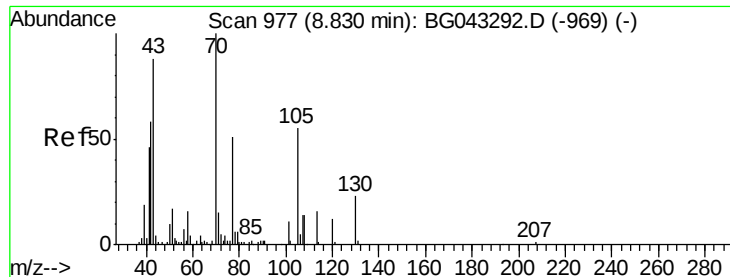
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



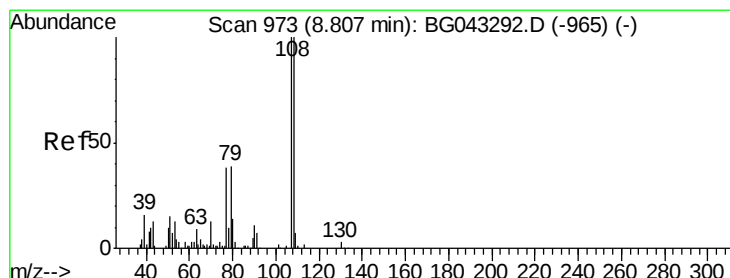
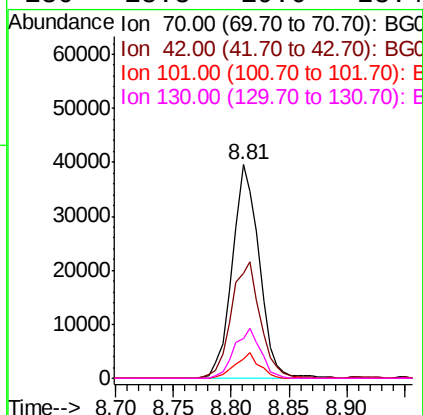
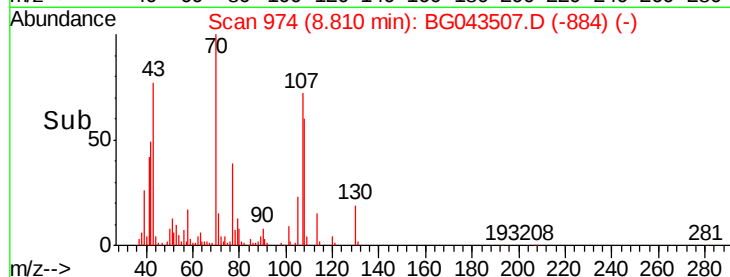
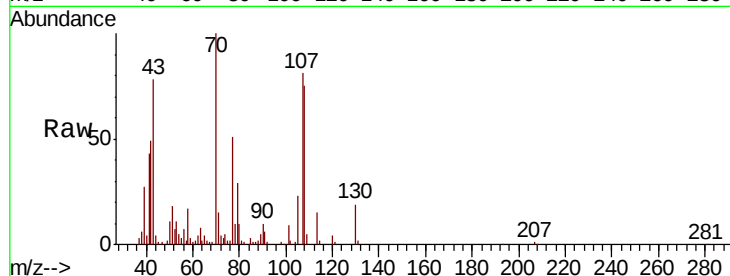
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 43.219 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG043507.D
Acq: 5 Nov 2019 14:37

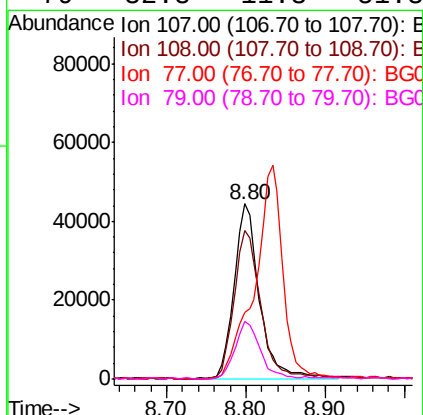
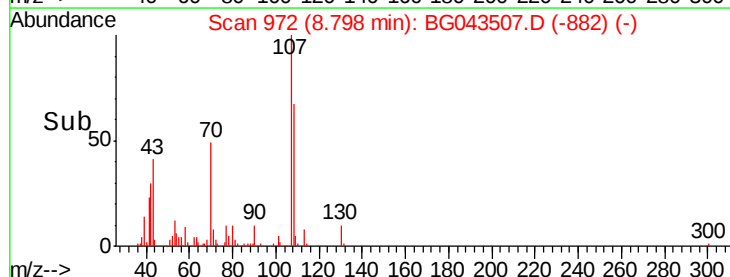
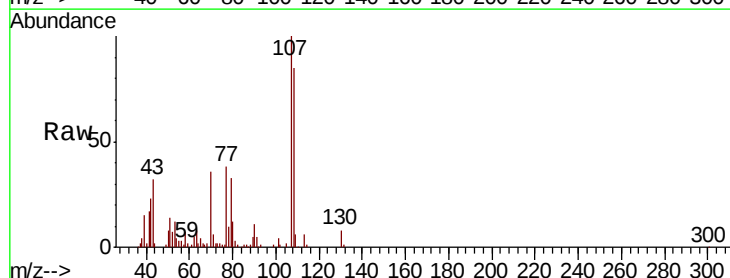
Instrument :
BNA_G
ClientSampleId :

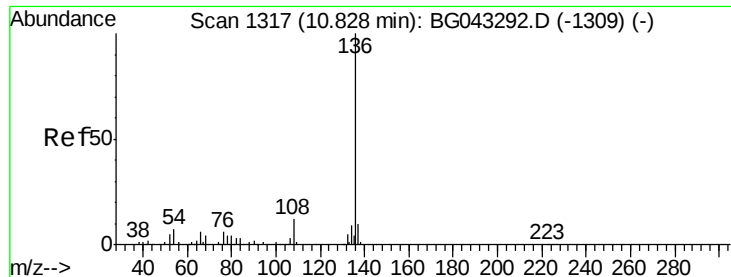
Tot Ion: 70 Resp: 64109
Ion Ratio Lower Upper
70 100
42 49.5 41.4 62.2
101 9.3 7.9 11.9
130 18.8 19.0 28.4#



#20
3+4-Methylphenols
Concen: 46.996 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG043507.D
Acq: 5 Nov 2019 14:37

Tgt Ion: 107 Resp: 98548
Ion Ratio Lower Upper
107 100
108 84.9 66.6 106.6
77 38.0 20.9 60.9
79 32.8 11.3 51.3

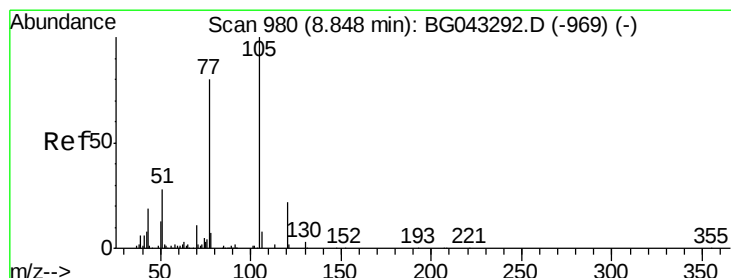
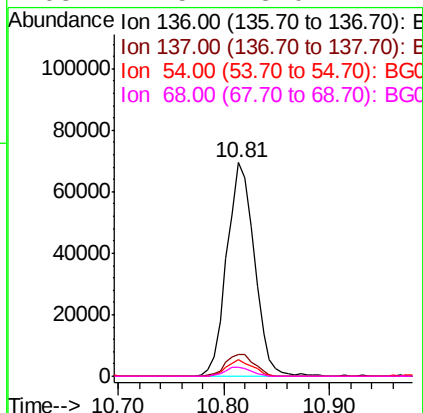
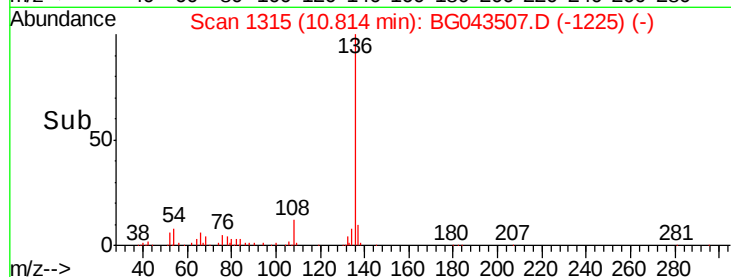
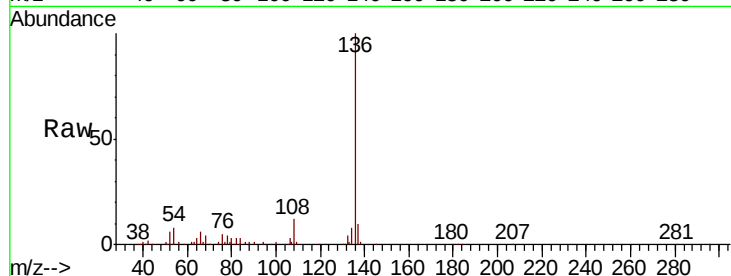




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043507.D
Acq: 5 Nov 2019 14:37

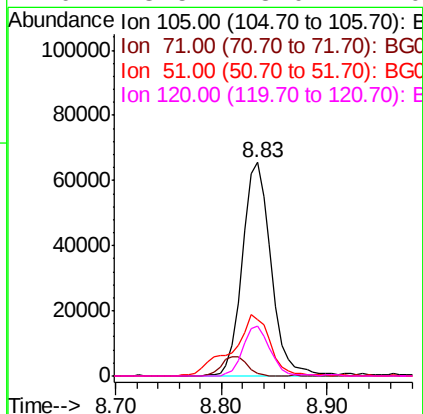
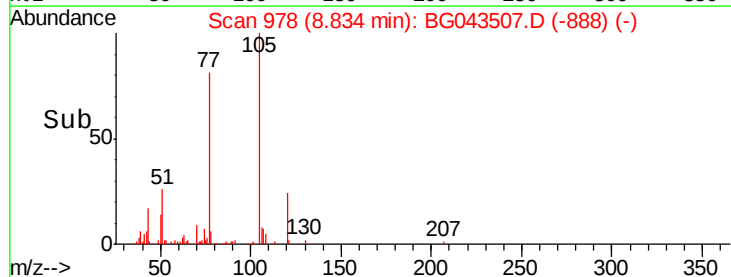
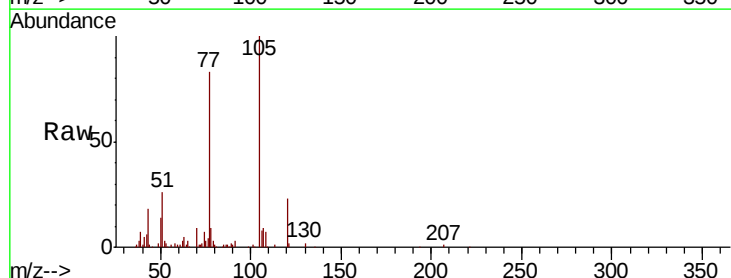
Instrument :
BNA_G
ClientSampleId :

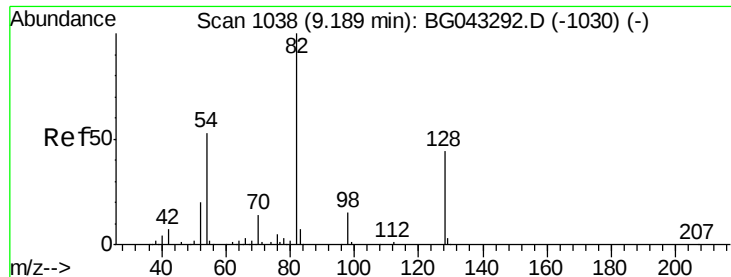
Tot Ion:136	Resp:	125298
Ion Ratio	Lower	Upper
136 100		
137 9.9	8.7	13.1
54 7.8	5.4	8.2
68 4.5	3.0	4.4#



#22
Acetophenone
Concen: 38.545 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG043507.D
Acq: 5 Nov 2019 14:37

Tgt	Ion:105	Resp:	123680
Ion	Ratio	Lower	Upper
105	100		
71	1.5	0.8	1.2#
51	26.4	21.0	31.4
120	23.5	18.0	27.0

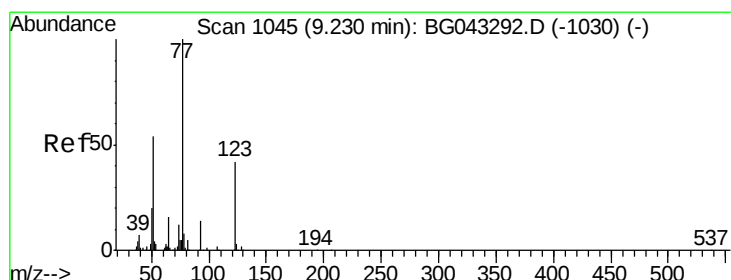
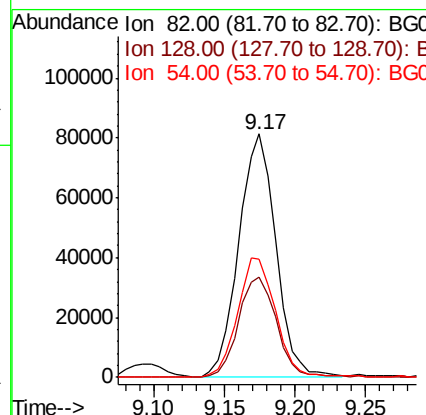
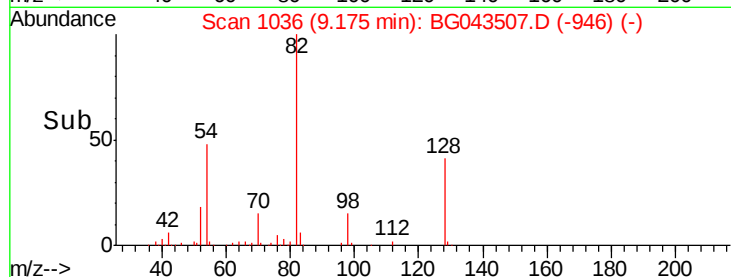
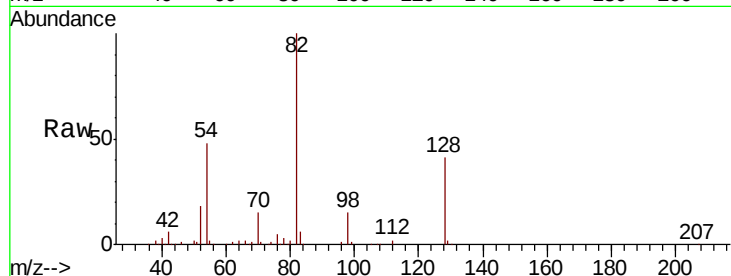




#23
Nitrobenzene-d5
Concen: 61.208 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG043507.D
Acq: 5 Nov 2019 14:37

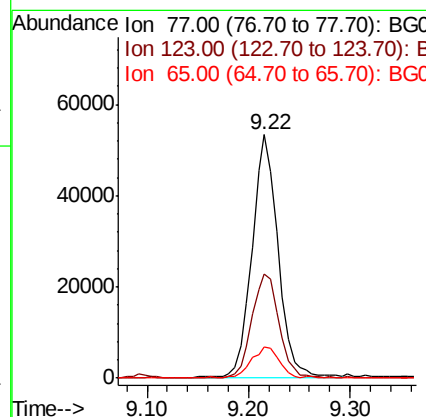
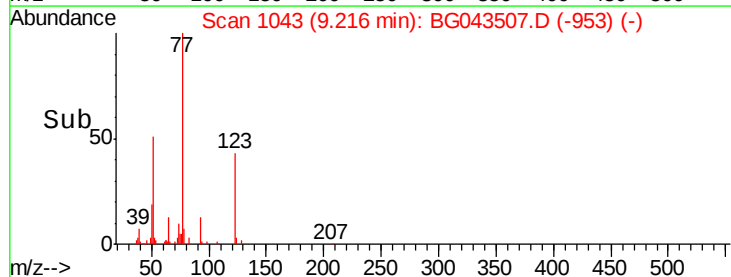
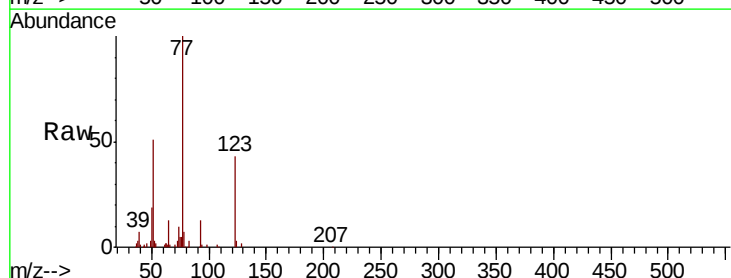
Instrument :
BNA_G
ClientSampleId :

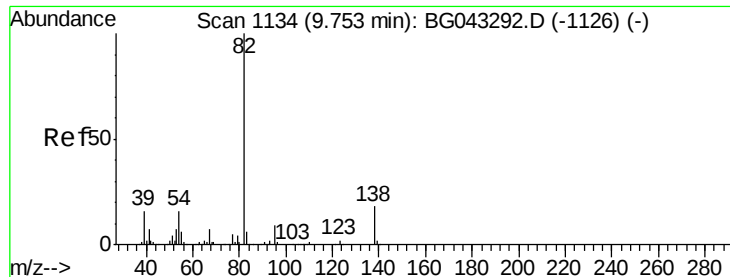
Tot Ion: 82 Resp: 148759
Ion Ratio Lower Upper
82 100
128 41.1 35.0 52.6
54 48.4 40.2 60.2



#24
Nitrobenzene
Concen: 41.305 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG043507.D
Acq: 5 Nov 2019 14:37

Tgt Ion: 77 Resp: 95630
Ion Ratio Lower Upper
77 100
123 42.9 35.0 52.6
65 13.0 9.5 14.3





#25

Isophorone

Concen: 40.217 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

Instrument :

BNA_G

ClientSampleId :

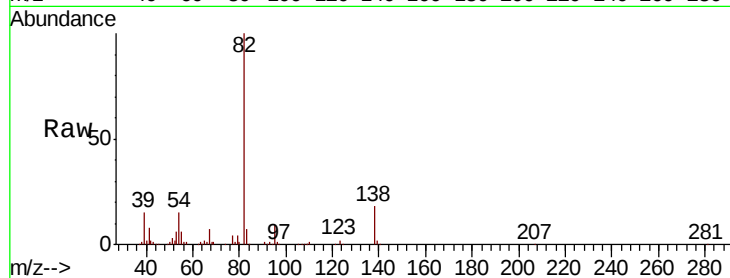
Tot Ion: 82 Resp: 178702

Ion Ratio Lower Upper

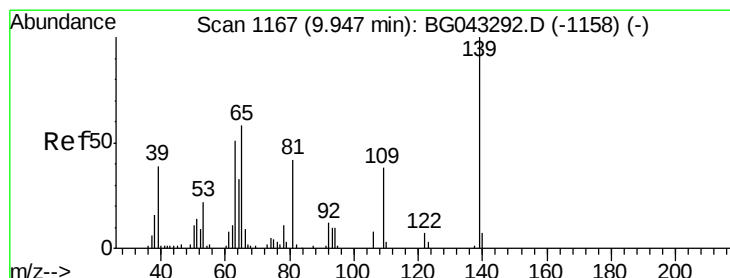
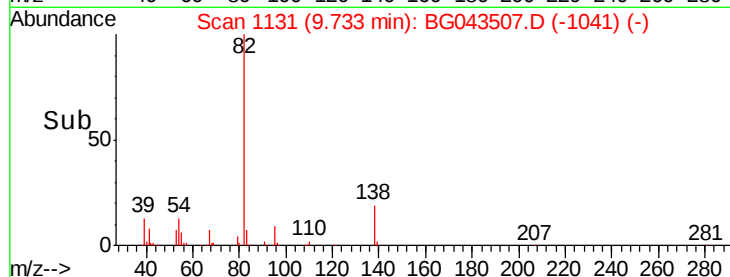
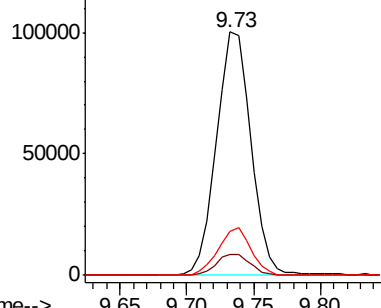
82 100

95 8.8 6.6 9.8

138 18.3 15.2 22.8



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



#26

2-Nitrophenol

Concen: 45.336 ng

RT: 9.93 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

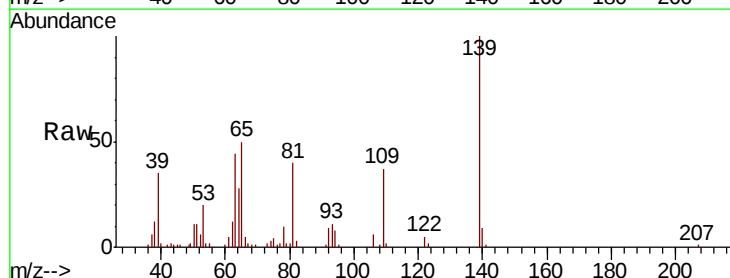
Tgt Ion: 139 Resp: 50674

Ion Ratio Lower Upper

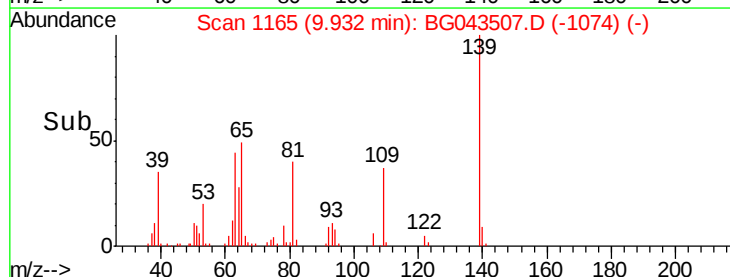
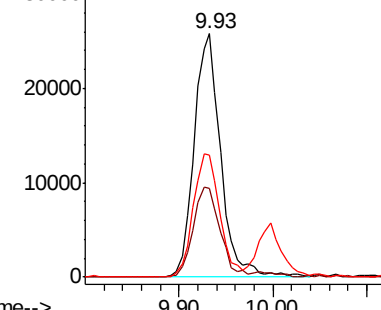
139 100

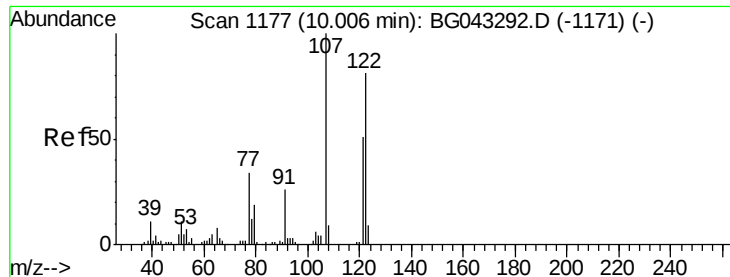
109 36.5 26.5 39.7

65 50.0 43.8 65.8



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

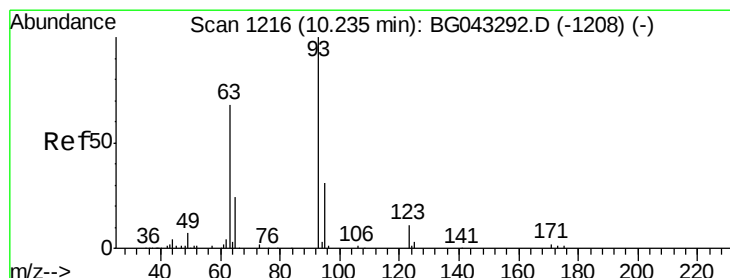
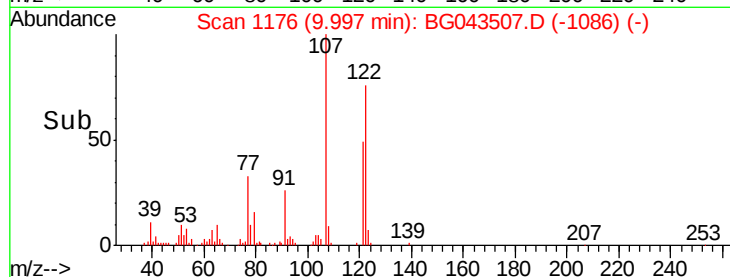
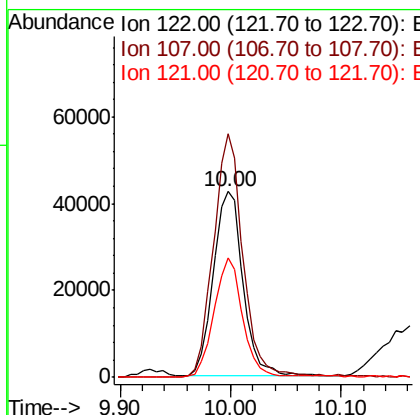
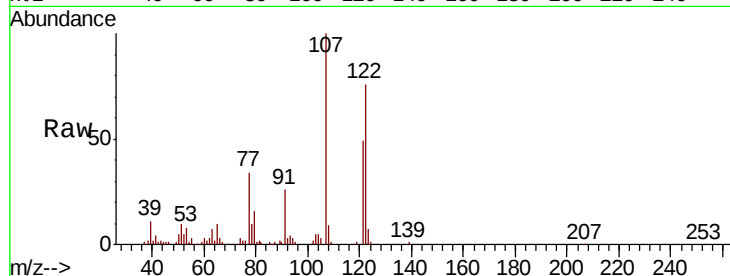




#27
 2,4-Dimethylphenol
 Concen: 49.151 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BG043507.D
 Acq: 5 Nov 2019 14:37

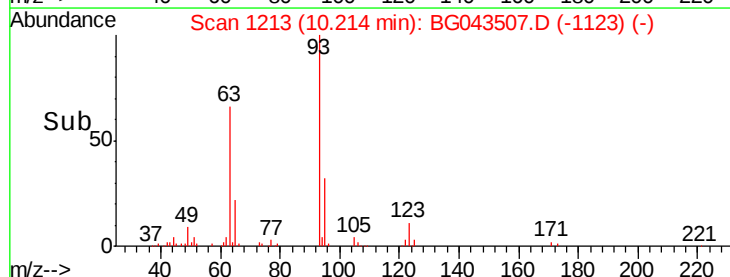
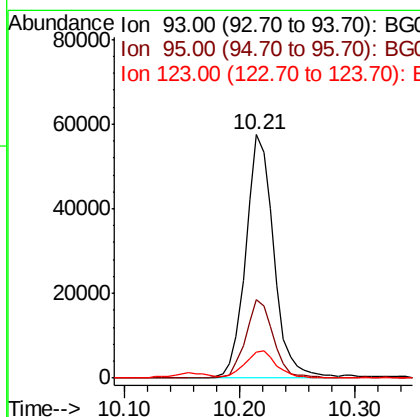
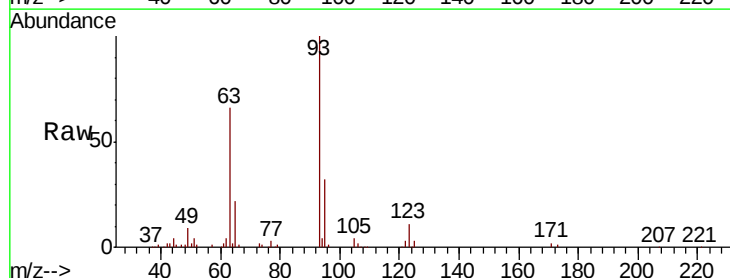
Instrument :
 BNA_G
 ClientSampleId :

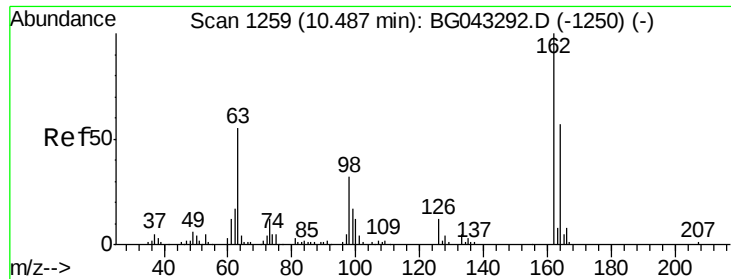
Tot Ion:122 Resp: 78742
 Ion Ratio Lower Upper
 122 100
 107 131.2 104.4 156.6
 121 64.1 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.579 ng
 RT: 10.21 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BG043507.D
 Acq: 5 Nov 2019 14:37

Tgt Ion: 93 Resp: 97065
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.0 39.0
 123 10.7 10.6 15.8

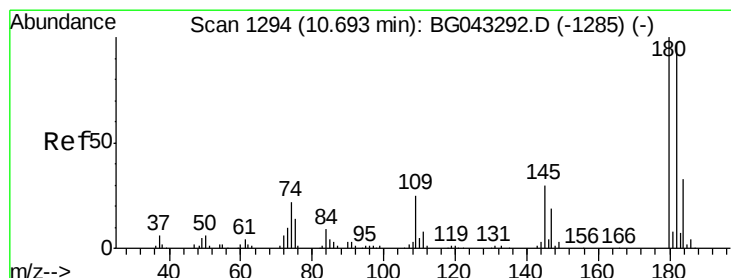
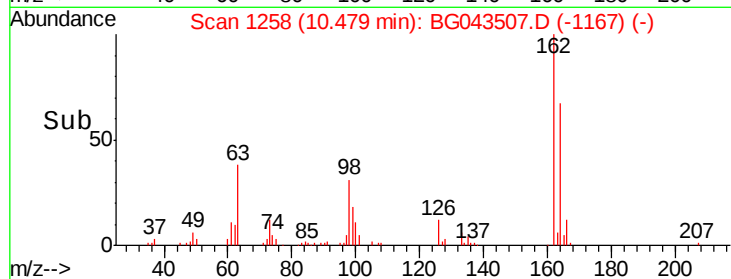
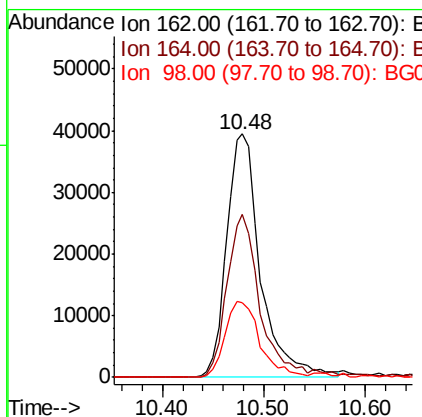
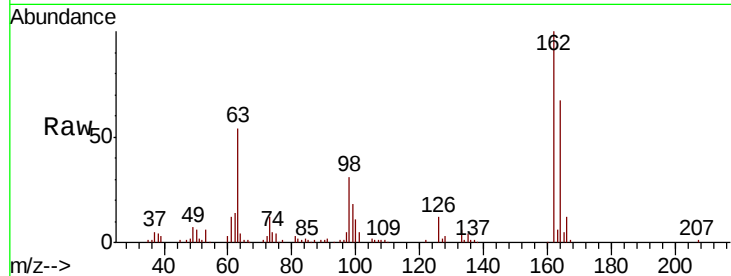




#29
2,4-Dichlorophenol
Concen: 44.474 ng
RT: 10.48 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BG043507.D
Acq: 5 Nov 2019 14:37

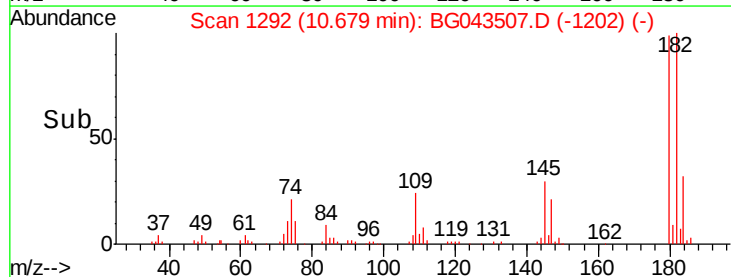
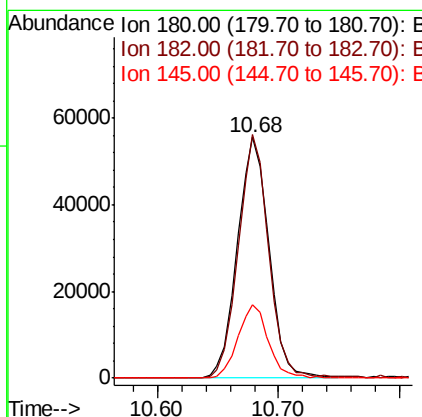
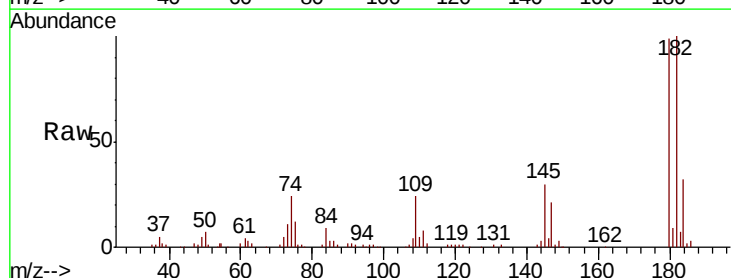
Instrument :
BNA_G
ClientSampled :

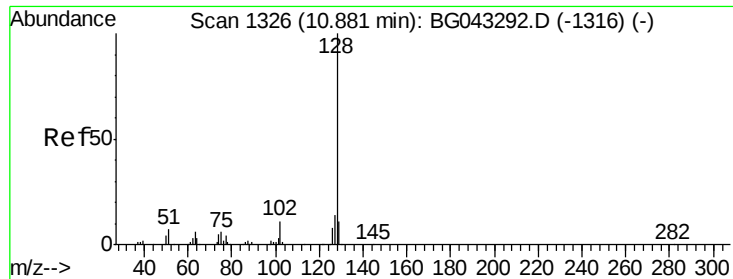
Tot Ion	162	Resp	91290
Ion Ratio	100	Lower	Upper
162	100	48.9	88.9
164	67.1	15.1	55.1
98	30.8		



#30
1,2,4-Trichlorobenzene
Concen: 39.182 ng
RT: 10.68 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG043507.D
Acq: 5 Nov 2019 14:37

Tgt Ion	180	Resp	101366
Ion Ratio	100	Lower	Upper
180	100	75.1	112.7
182	101.1	23.9	35.9
145	30.3		

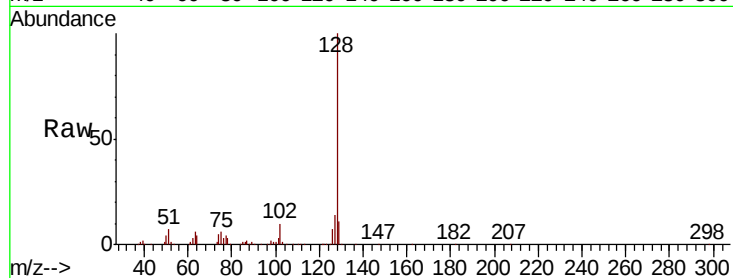




#31
Naphthalene
Concen: 41.850 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG043507.D
Acq: 5 Nov 2019 14:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.4	14.0
127	14.0	11.1	16.7

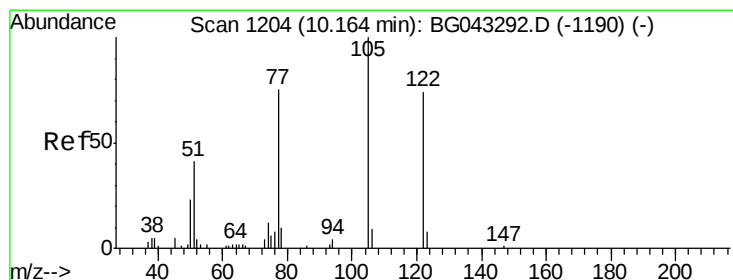
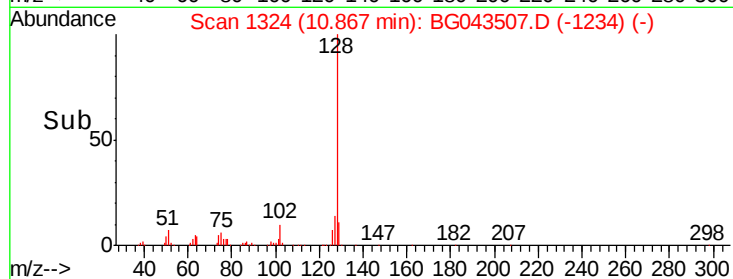
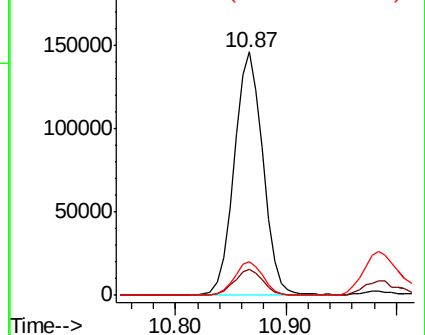


Abundance

Ion 128.00 (127.70 to 128.70): E

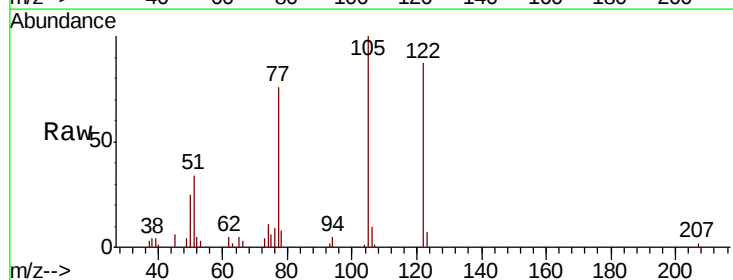
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 32.718 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BG043507.D
Acq: 5 Nov 2019 14:37

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.3	103.3	143.3
77	86.5	84.9	124.9

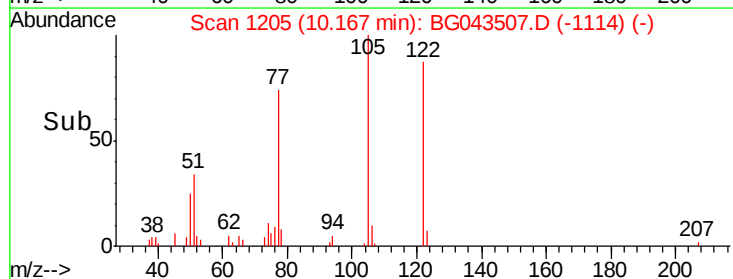
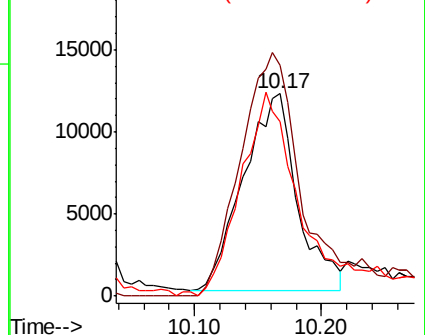


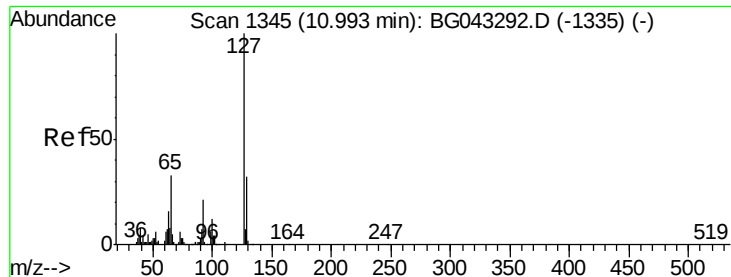
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

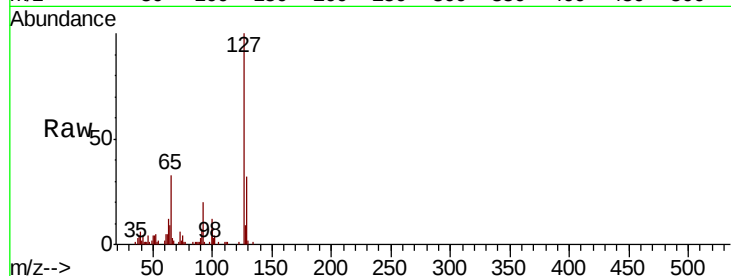




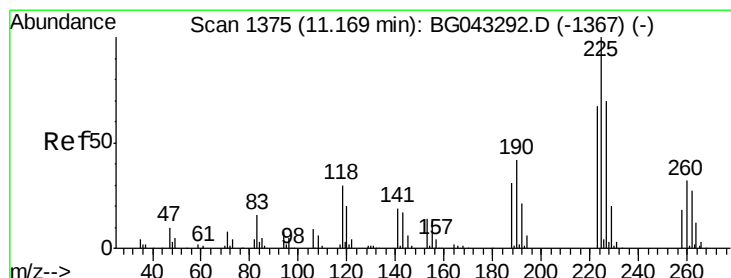
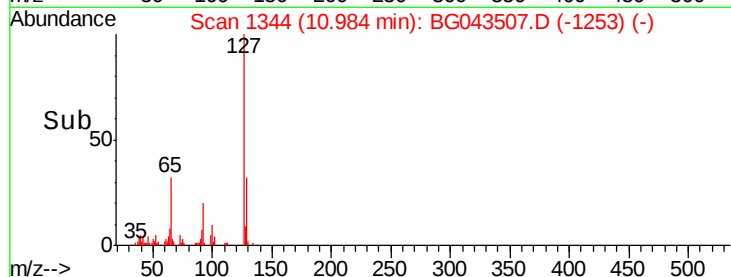
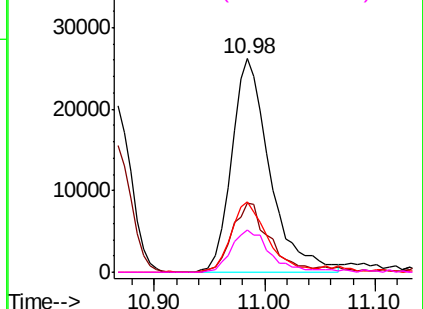
#33
4-Chloroaniline
Concen: 24.338 ng
RT: 10.98 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG043507.D
Acq: 5 Nov 2019 14:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	63452
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.5	39.7
65	33.0	26.4	39.6
92	19.7	16.2	24.2

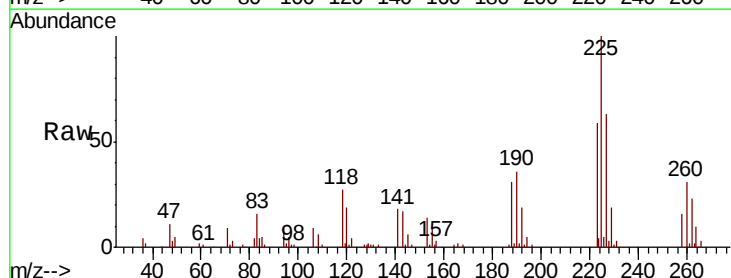


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

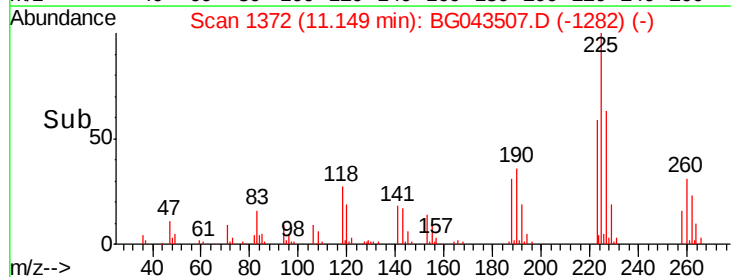
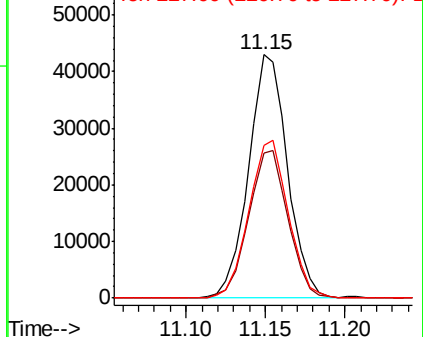


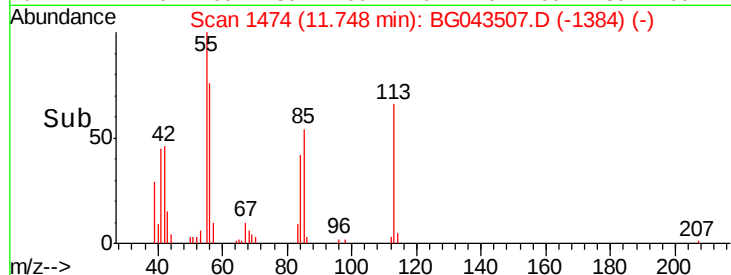
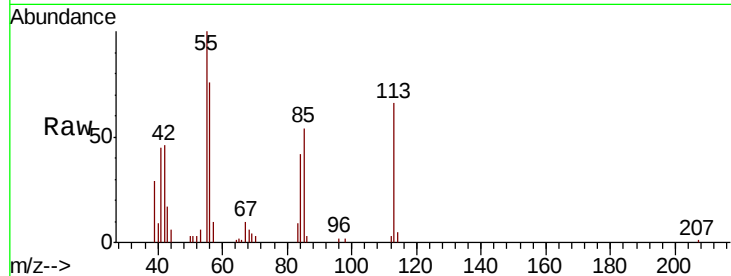
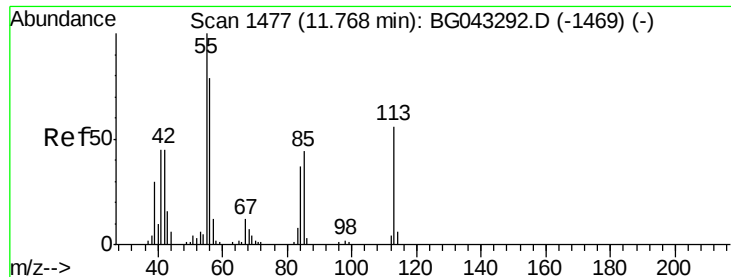
#34
Hexachlorobutadiene
Concen: 38.289 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG043507.D
Acq: 5 Nov 2019 14:37

Tgt Ion:	225	Resp:	73225
Ion	Ratio	Lower	Upper
225	100		
223	59.5	52.7	79.1
227	62.8	54.8	82.2



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





#35

Caprolactam

Concen: 28.305 ng

RT: 11.75 min Scan# 1474

Delta R.T. -0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

Instrument :

BNA_G

ClientSampleId :

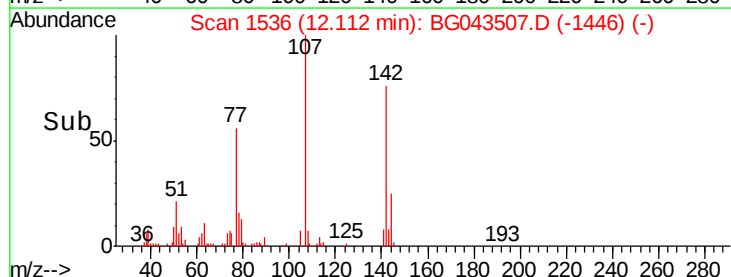
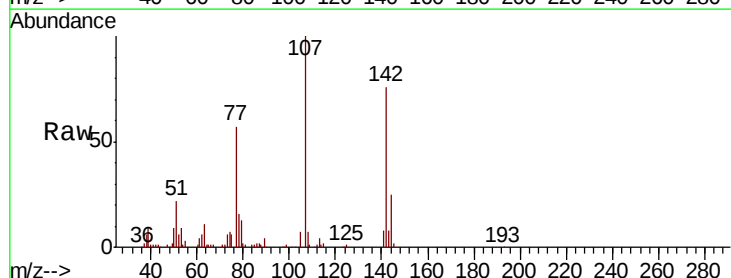
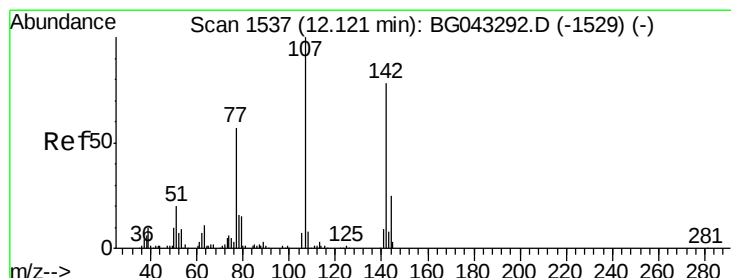
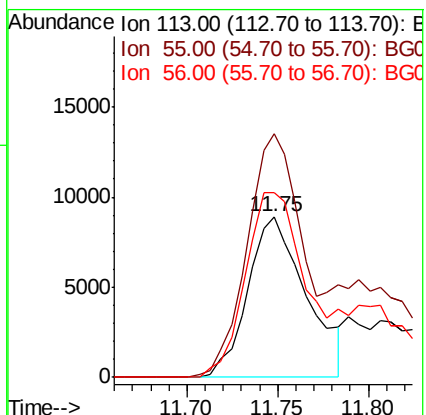
Tot Ion:113 Resp: 20010

Ion Ratio Lower Upper

113 100

55 151.6 134.1 174.1

56 115.1 100.4 140.4



#36

4-Chloro-3-methylphenol

Concen: 43.383 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

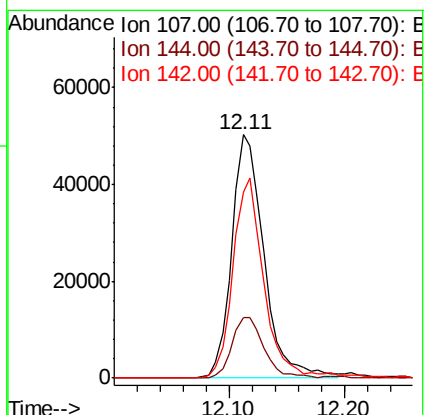
Tgt Ion:107 Resp: 97136

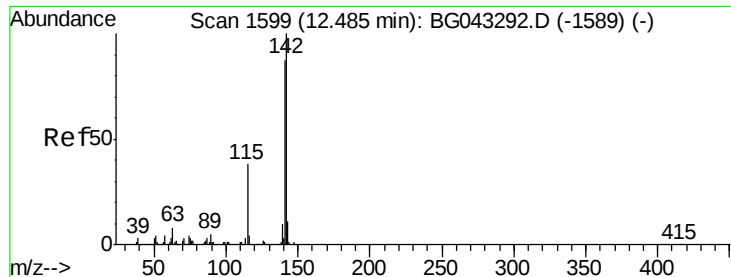
Ion Ratio Lower Upper

107 100

144 25.1 20.9 31.3

142 76.4 59.6 89.4

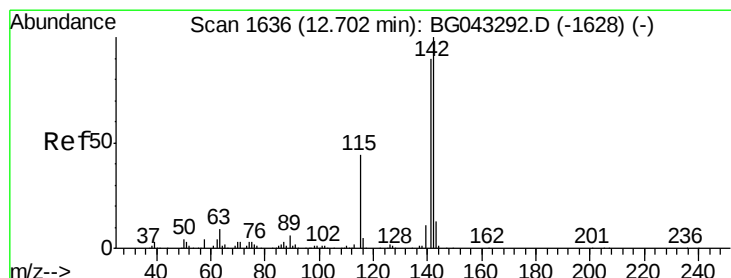
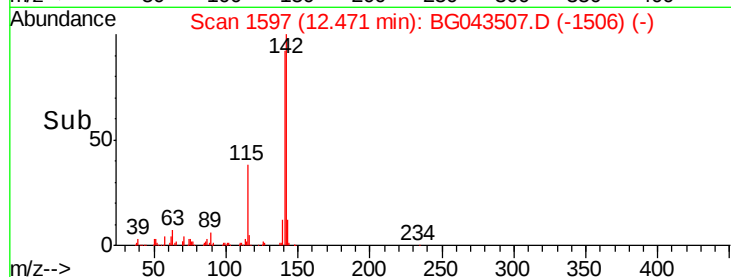
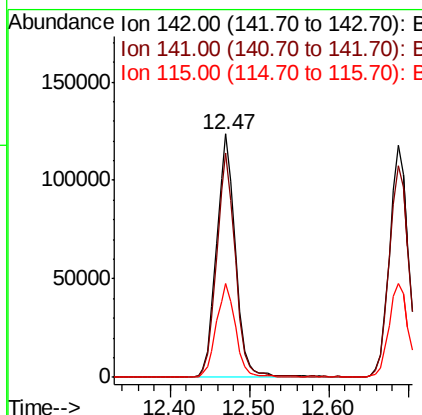
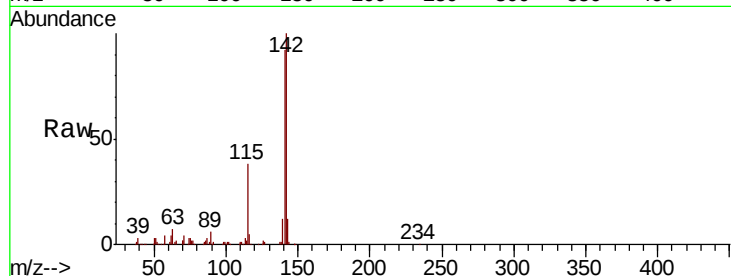




#37
2-Methylnaphthalene
Concen: 41.935 ng
RT: 12.47 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BG043507.D
Acq: 5 Nov 2019 14:37

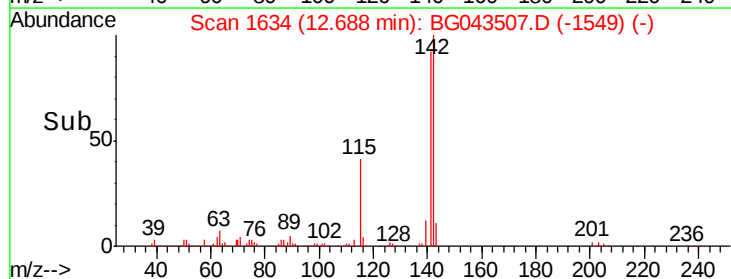
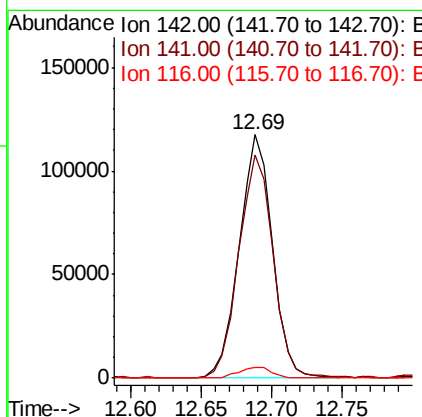
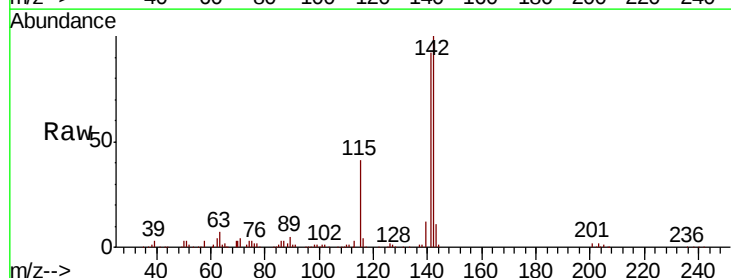
Instrument :
BNA_G
ClientSampleId :

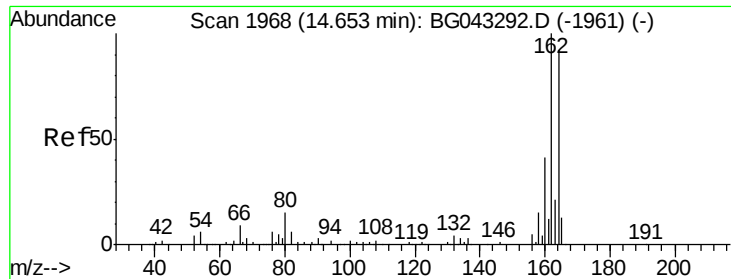
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.0	72.2	108.2
115	38.5	33.2	49.8



#38
1-Methylnaphthalene
Concen: 41.462 ng
RT: 12.69 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BG043507.D
Acq: 5 Nov 2019 14:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.2	109.8
116	4.2	3.6	5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

Instrument :

BNA_G

ClientSampleId :

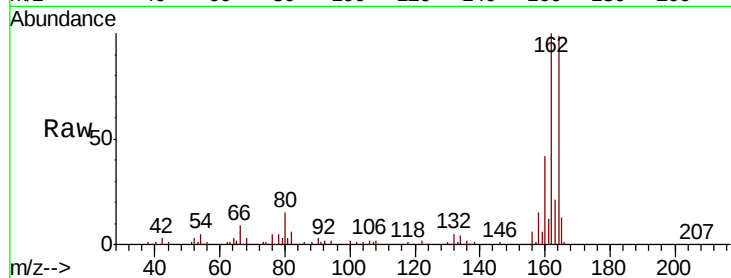
Tot Ion:164 Resp: 94534

Ion Ratio Lower Upper

164 100

162 101.1 83.5 125.3

160 42.5 36.5 54.7

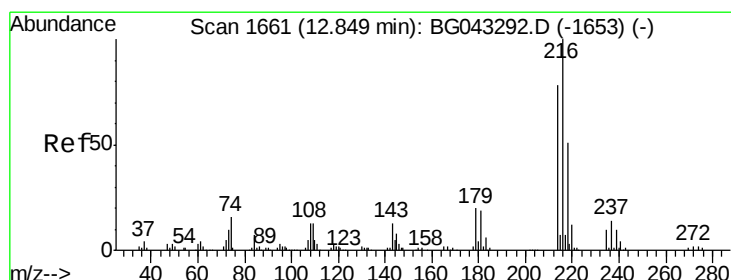
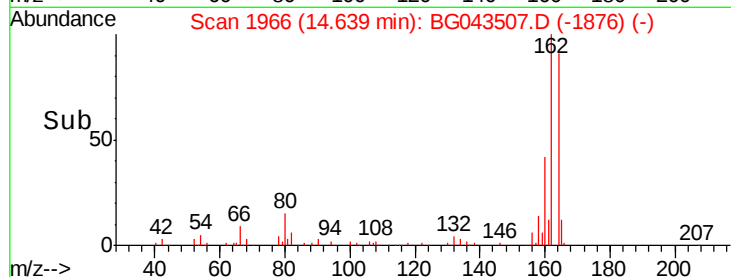
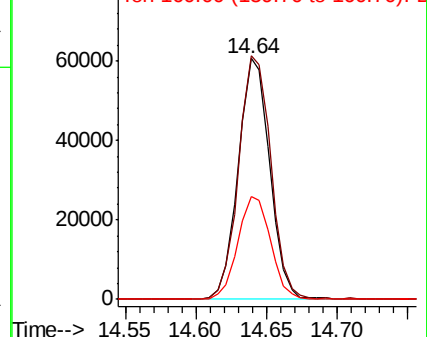


Abundance

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: 37.643 ng

RT: 12.84 min Scan# 1660

Delta R.T. 0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

Tgt Ion:216 Resp: 131698

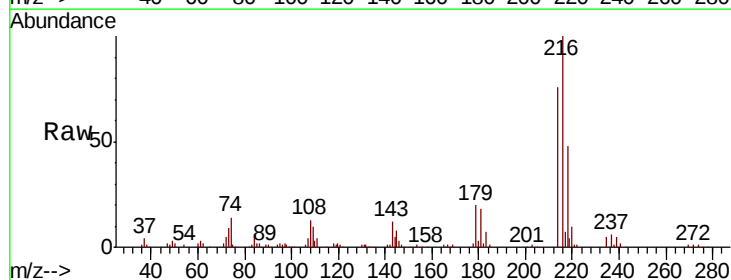
Ion Ratio Lower Upper

216 100

214 77.9 61.7 92.5

179 19.4 15.8 23.8

108 15.0 11.5 17.3



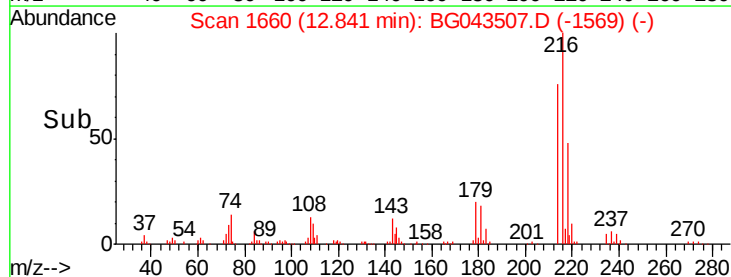
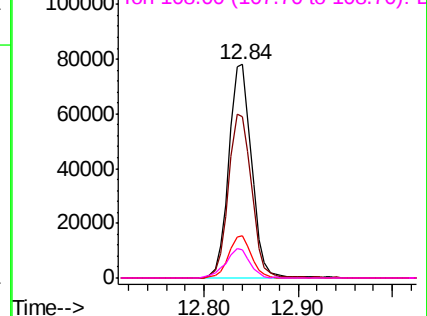
Abundance

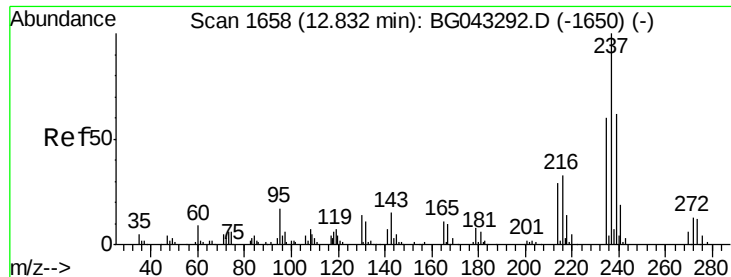
Ion 216.00 (215.70 to 216.70): E

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: 55.952 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

Instrument :

BNA_G

ClientSampleId :

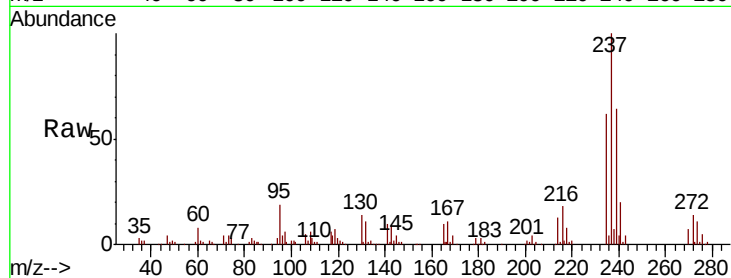
Tot Ion:237 Resp: 102830

Ion Ratio Lower Upper

237 100

235 62.1 41.6 81.6

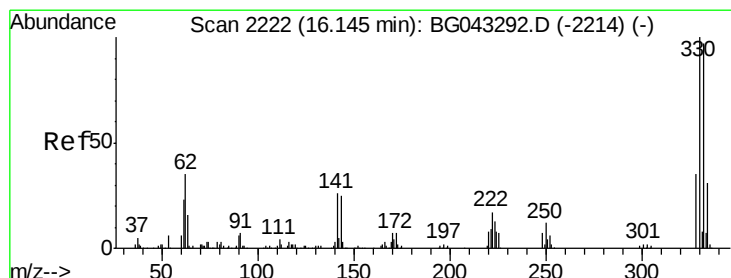
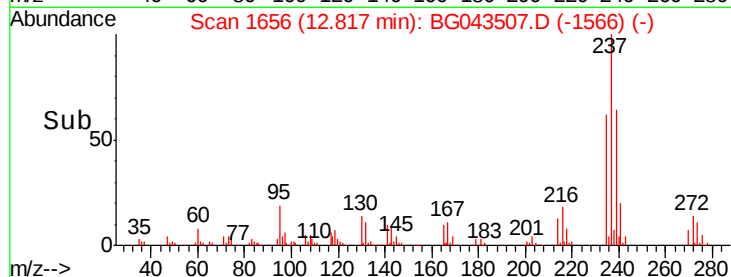
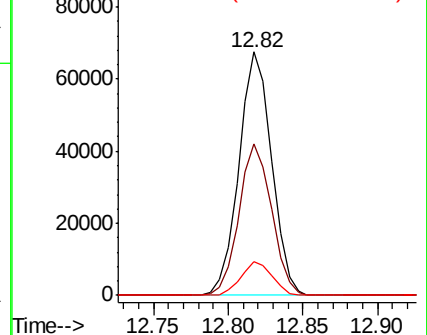
272 13.7 0.0 32.5



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: 105.849 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

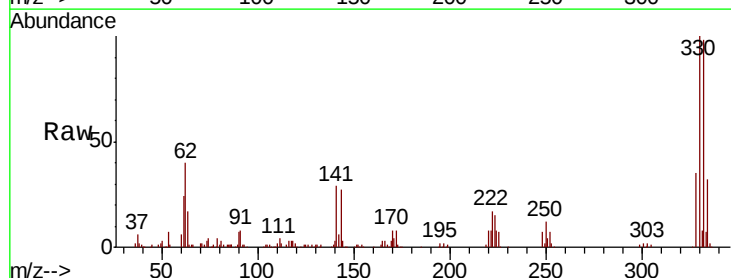
Tgt Ion:330 Resp: 190421

Ion Ratio Lower Upper

330 100

332 97.8 77.4 116.0

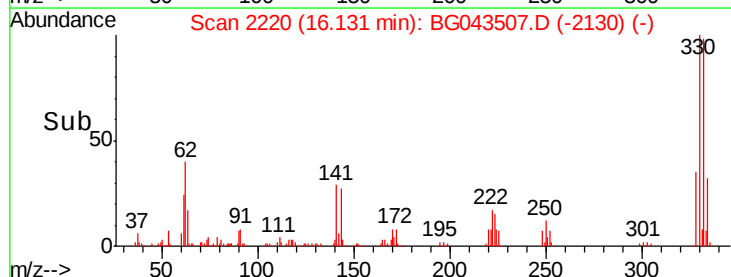
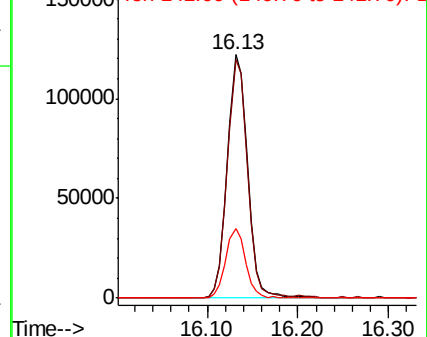
141 28.2 22.8 34.2

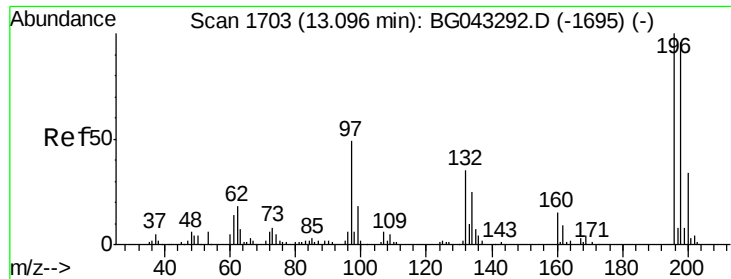


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

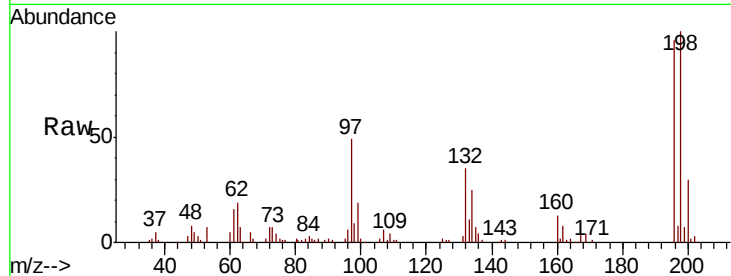




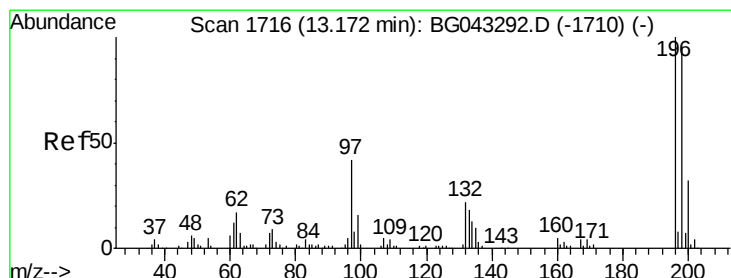
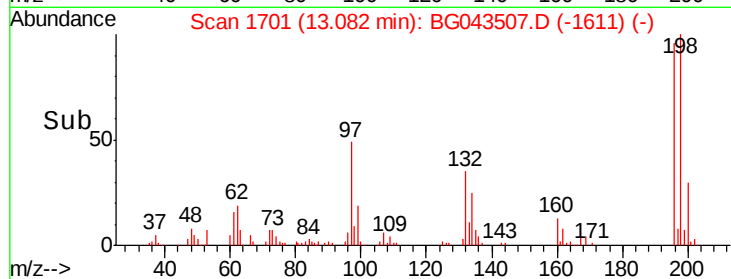
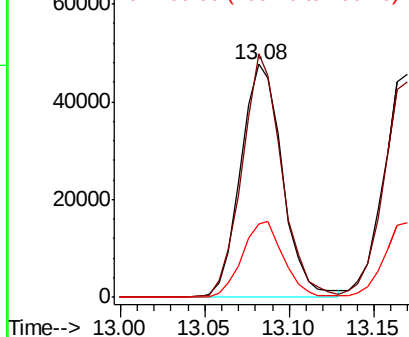
#43
 2,4,6-Trichlorophenol
 Concen: 39.892 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG043507.D
 Acq: 5 Nov 2019 14:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 82191
 Ion Ratio Lower Upper
 196 100
 198 104.4 75.8 113.6
 200 31.5 23.9 35.9



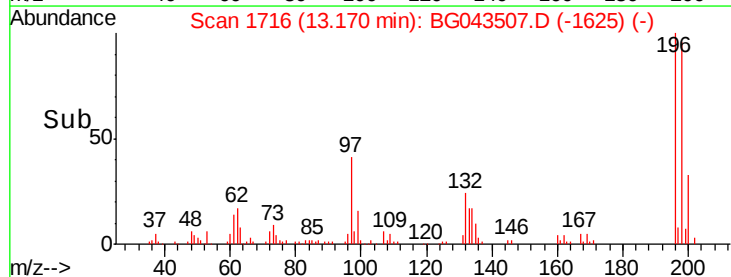
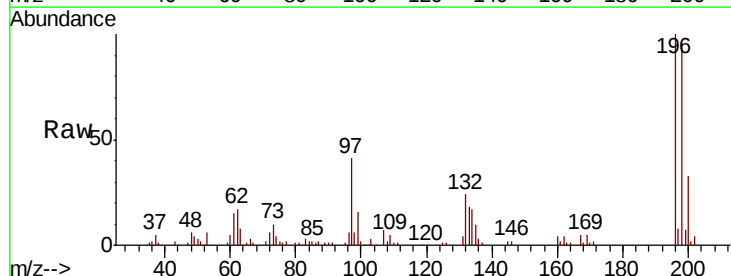
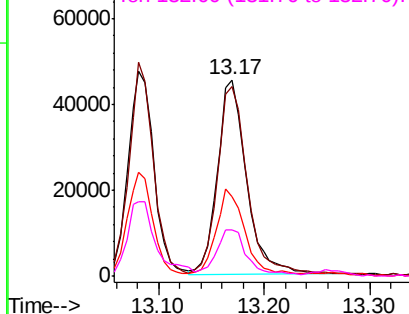
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

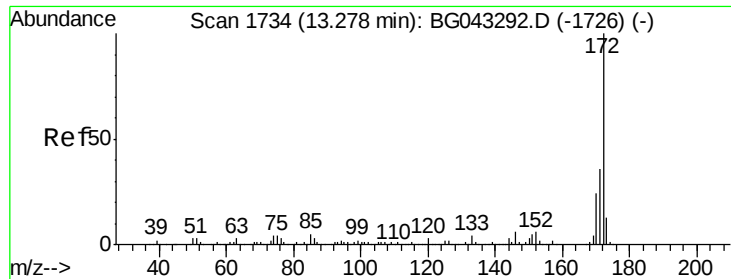


#44
 2,4,5-Trichlorophenol
 Concen: 42.176 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG043507.D
 Acq: 5 Nov 2019 14:37

Tgt Ion:196 Resp: 87851
 Ion Ratio Lower Upper
 196 100
 198 96.5 74.5 111.7
 97 40.7 36.3 54.5
 132 23.6 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

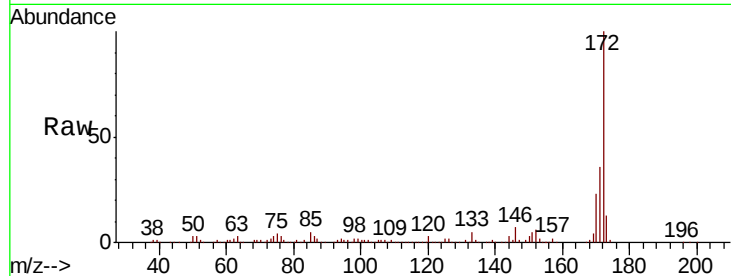




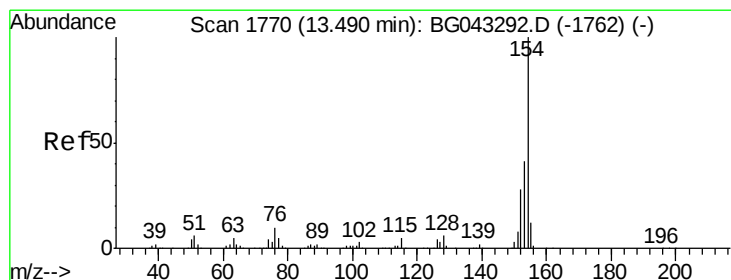
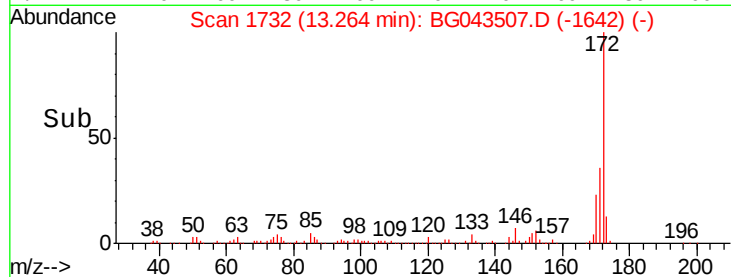
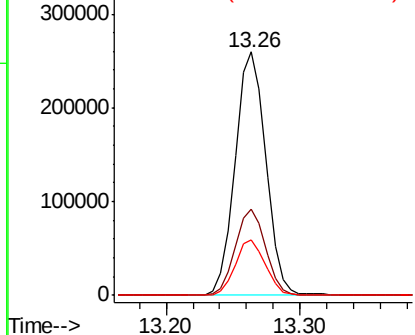
#45
 2-Fluorobiphenyl
 Concen: 60.560 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG043507.D
 Acq: 5 Nov 2019 14:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	22.8	18.5	27.7

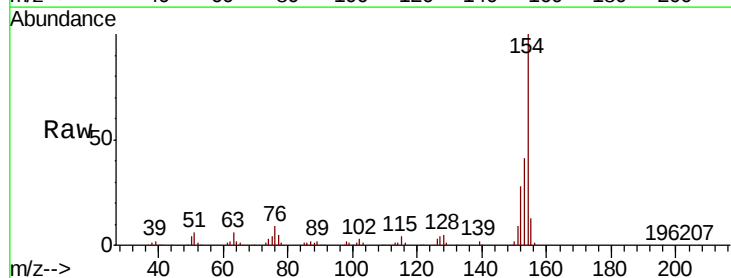


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

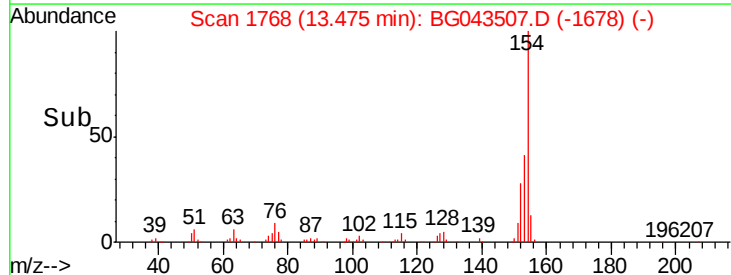
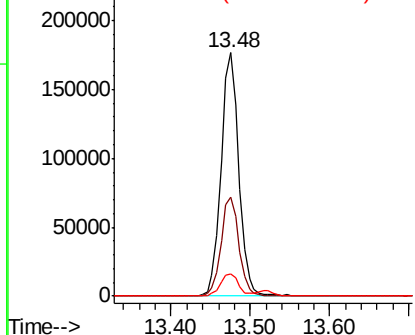


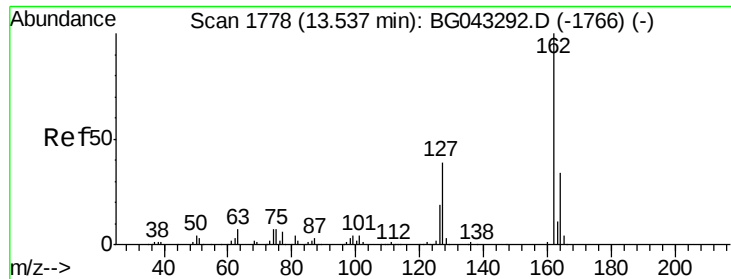
#46
 1,1'-Biphenyl
 Concen: 38.117 ng
 RT: 13.48 min Scan# 1768
 Delta R.T. -0.00 min
 Lab File: BG043507.D
 Acq: 5 Nov 2019 14:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	19.9	59.9
76	9.3	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): BG

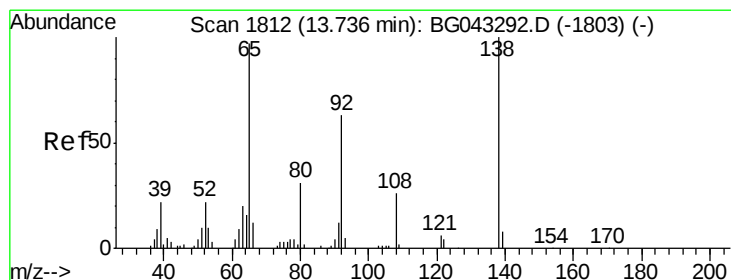
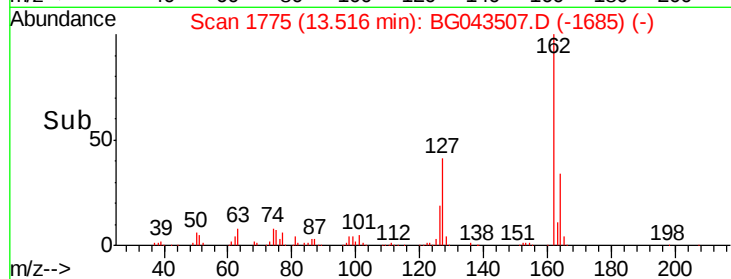
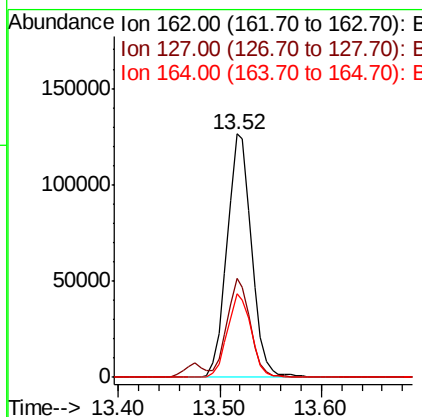
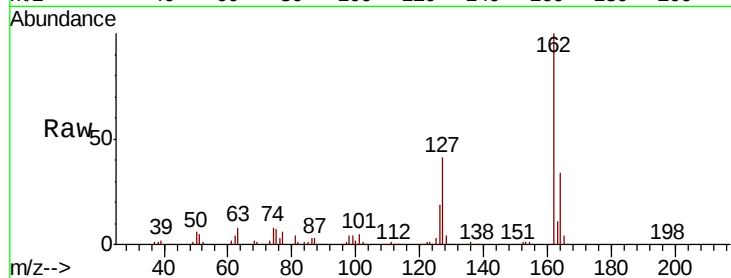




#47
 2-Chloronaphthalene
 Concen: 38.716 ng
 RT: 13.52 min Scan# 1775
 Delta R.T. -0.00 min
 Lab File: BG043507.D
 Acq: 5 Nov 2019 14:37

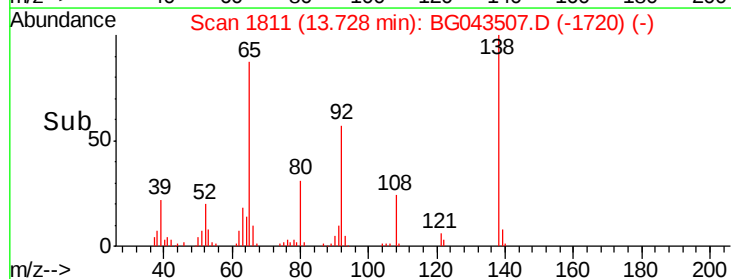
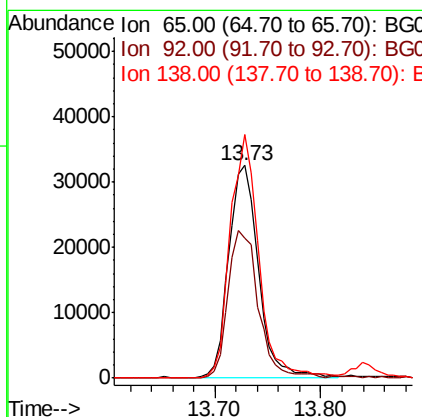
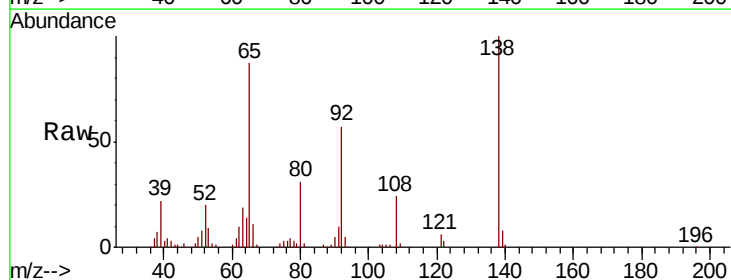
Instrument :
 BNA_G
 ClientSampleId :

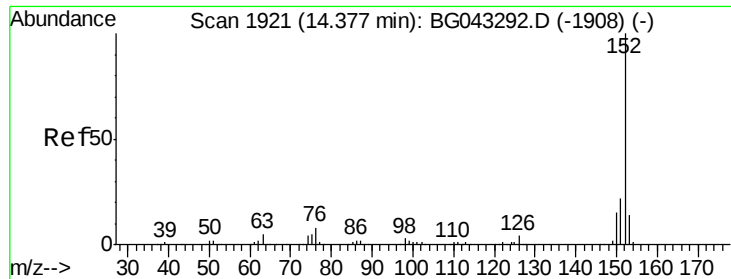
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.8	31.2	46.8
164	34.3	25.8	38.8



#48
 2-Nitroaniline
 Concen: 38.999 ng
 RT: 13.73 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: BG043507.D
 Acq: 5 Nov 2019 14:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.5	56.2	84.2
138	114.5	82.6	123.8





#49

Acenaphthylene

Concen: 40.821 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

Instrument :

BNA_G

ClientSampled :

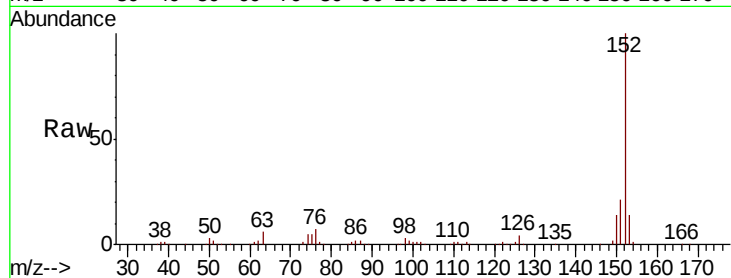
Tot Ion:152 Resp: 347642

Ion Ratio Lower Upper

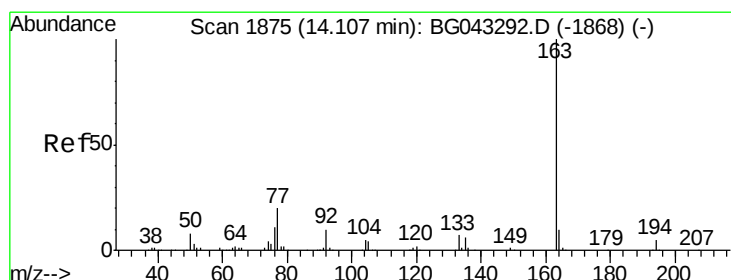
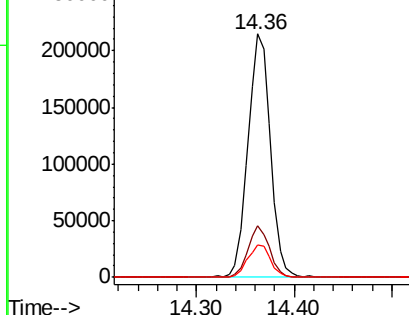
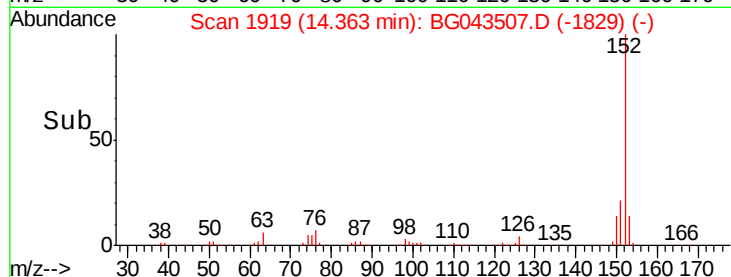
152 100

151 21.1 16.2 24.4

153 13.6 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: 38.381 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

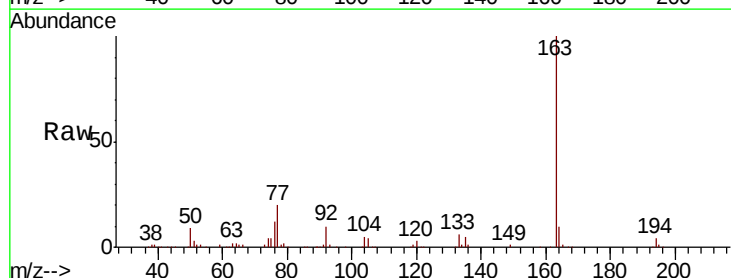
Tgt Ion:163 Resp: 281035

Ion Ratio Lower Upper

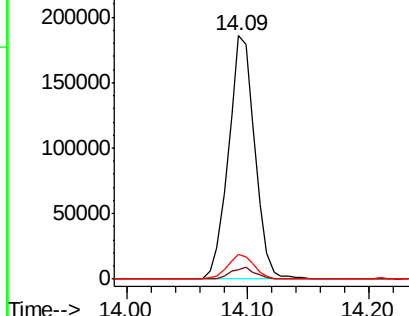
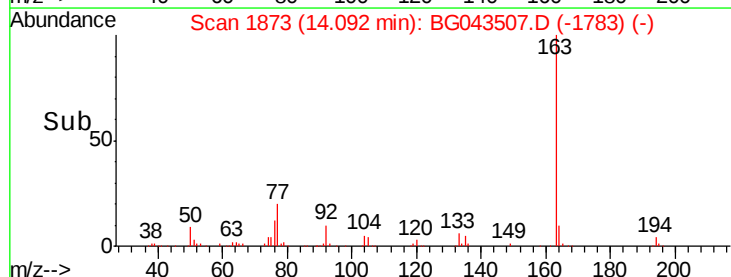
163 100

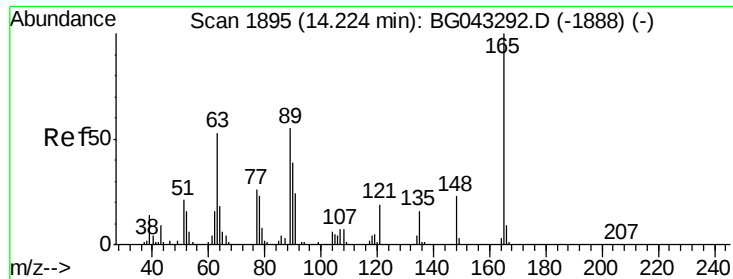
194 4.1 3.8 5.6

164 10.3 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

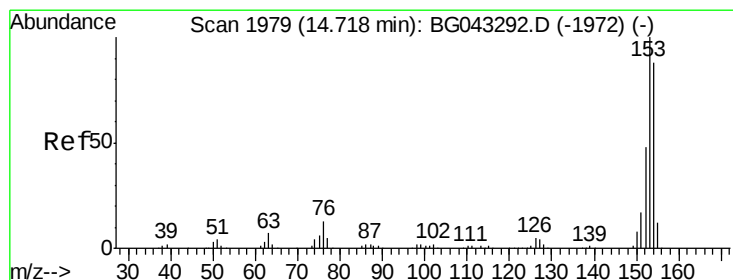
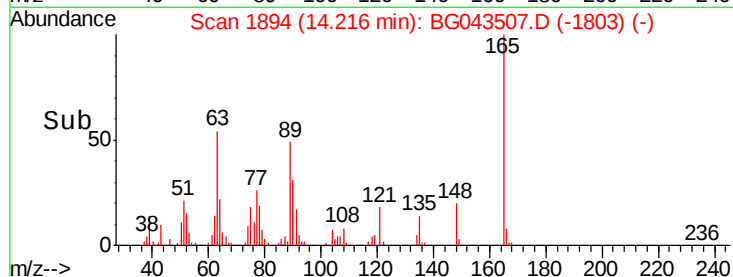
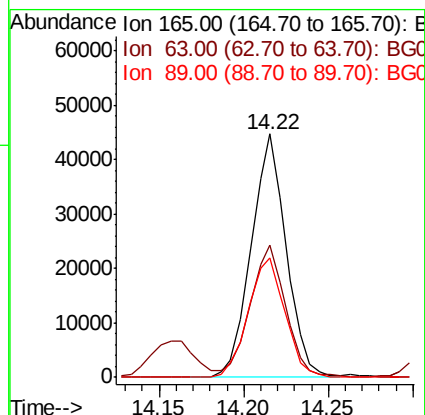
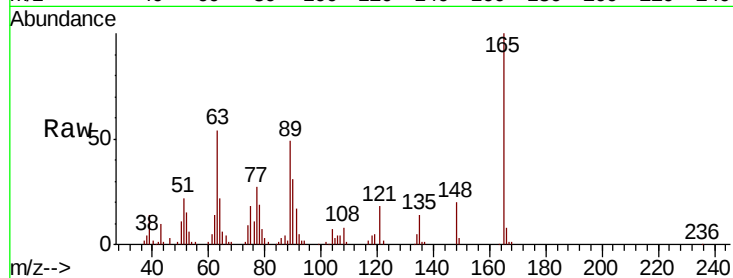




#51
 2,6-Dinitrotoluene
 Concen: 40.484 ng
 RT: 14.22 min Scan# 1894
 Delta R.T. 0.00 min
 Lab File: BG043507.D
 Acq: 5 Nov 2019 14:37

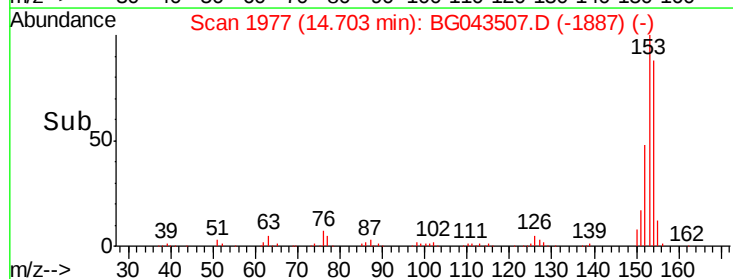
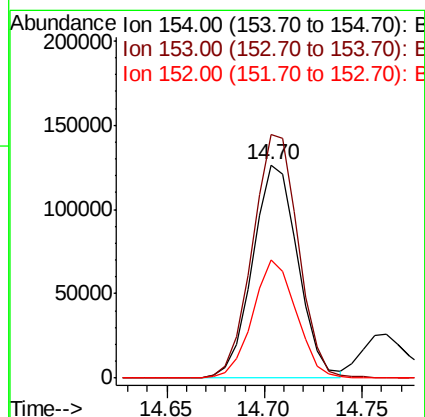
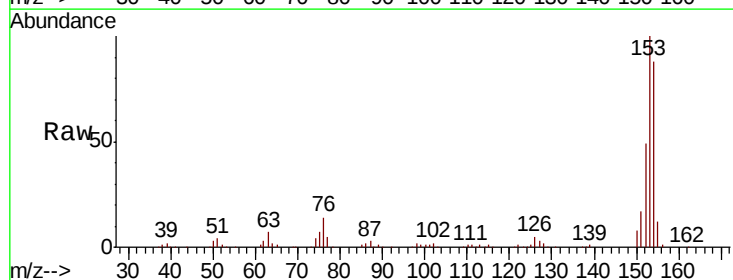
Instrument :
 BNA_G
 ClientSampleId :

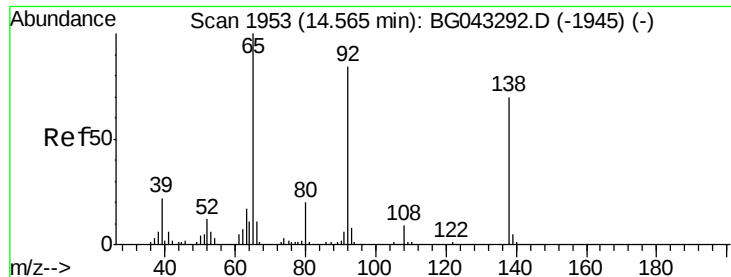
Tot Ion:165 Resp: 64400
 Ion Ratio Lower Upper
 165 100
 63 54.5 46.6 69.8
 89 48.9 45.1 67.7



#52
 Acenaphthene
 Concen: 39.064 ng
 RT: 14.70 min Scan# 1977
 Delta R.T. -0.00 min
 Lab File: BG043507.D
 Acq: 5 Nov 2019 14:37

Tgt Ion:154 Resp: 202876
 Ion Ratio Lower Upper
 154 100
 153 114.2 88.2 132.2
 152 55.4 40.0 60.0

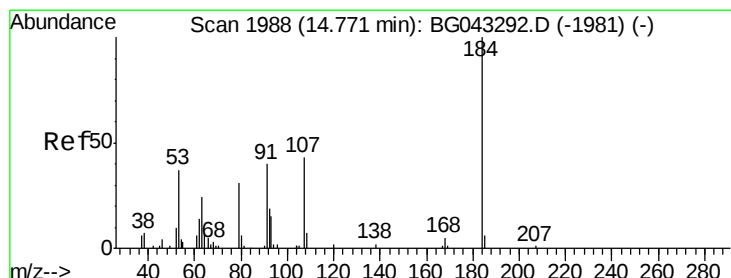
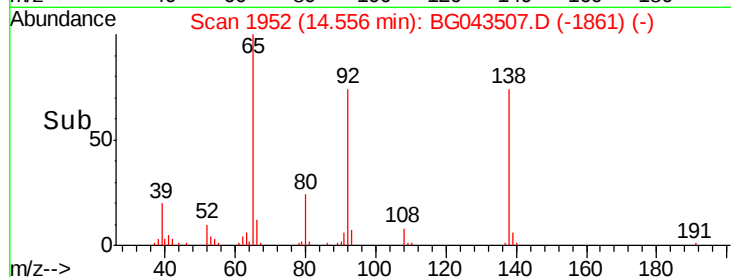
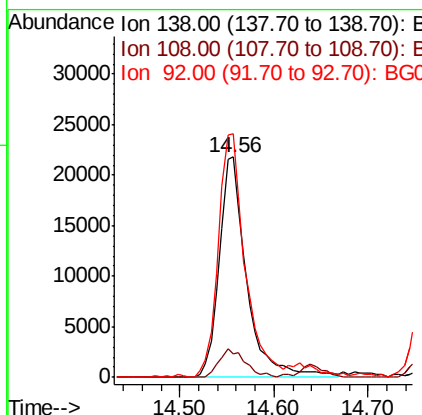
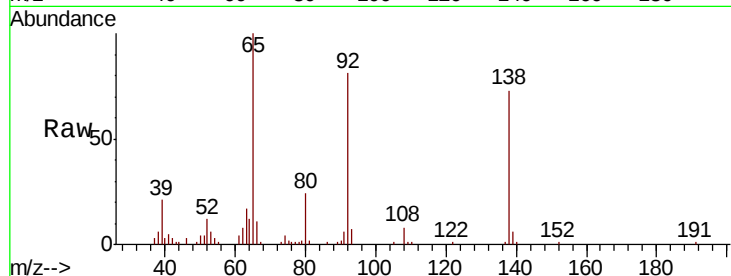




#53
3-Nitroaniline
Concen: 29.067 ng
RT: 14.56 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BG043507.D
Acq: 5 Nov 2019 14:37

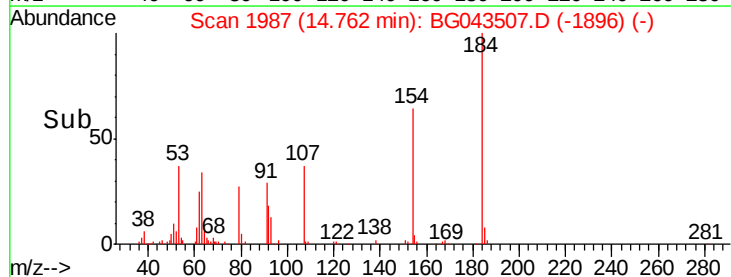
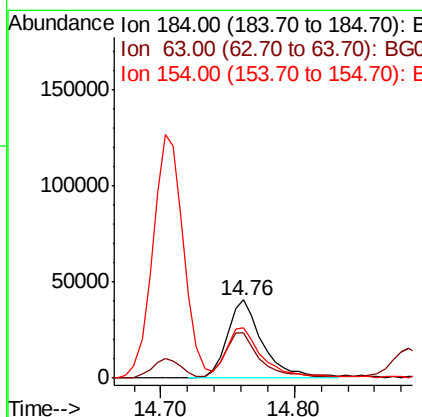
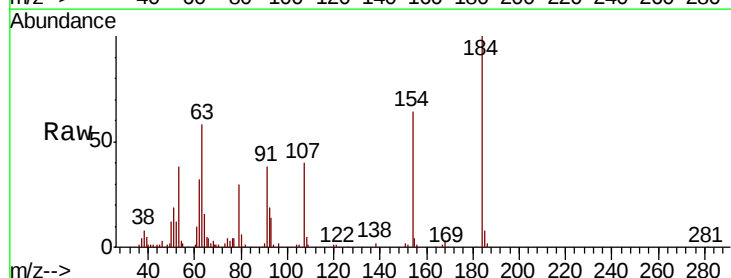
Instrument :
BNA_G
ClientSampleId :

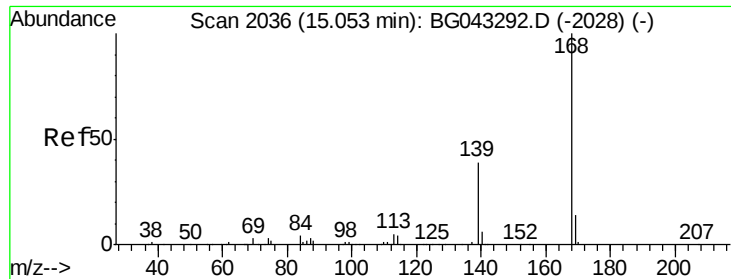
Tot Ion:138 Resp: 44642
Ion Ratio Lower Upper
138 100
108 10.6 8.0 12.0
92 110.5 90.9 136.3



#54
2,4-Dinitrophenol
Concen: 75.986 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG043507.D
Acq: 5 Nov 2019 14:37

Tgt Ion:184 Resp: 75081
Ion Ratio Lower Upper
184 100
63 57.7 51.3 76.9
154 64.0 55.4 83.0

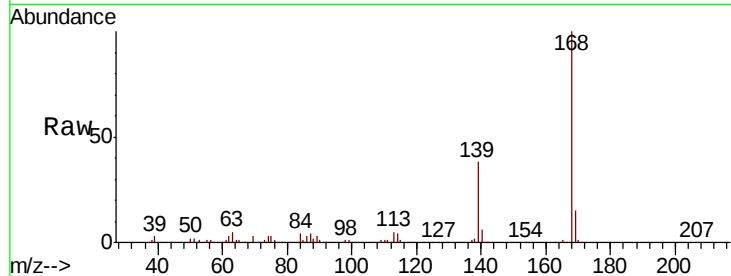




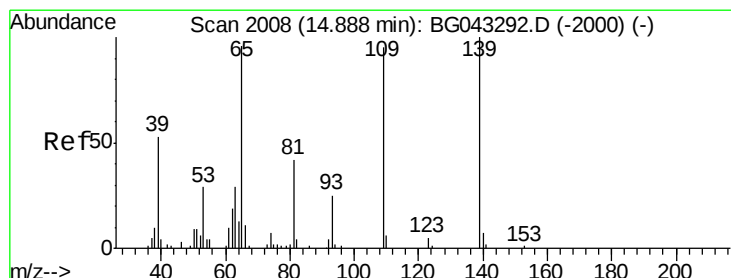
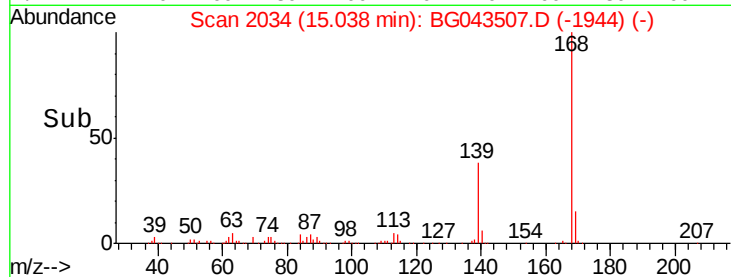
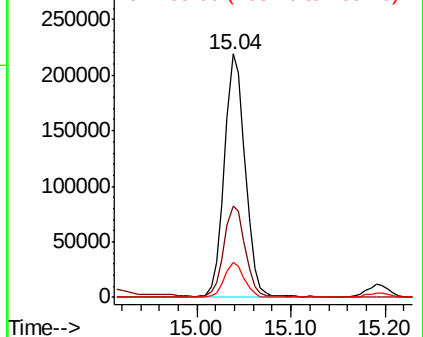
#55
Dibenzofuran
Concen: 40.305 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG043507.D
Acq: 5 Nov 2019 14:37

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 339448
Ion Ratio Lower Upper
168 100
139 37.7 31.0 46.6
169 14.6 11.7 17.5

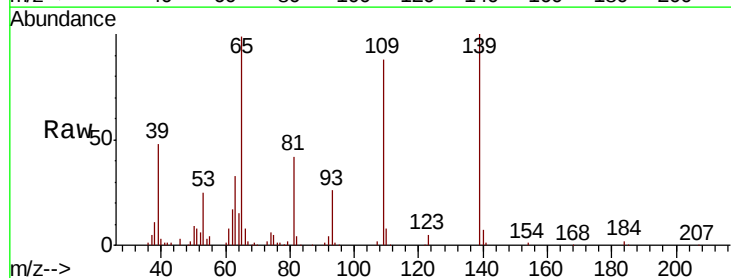


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

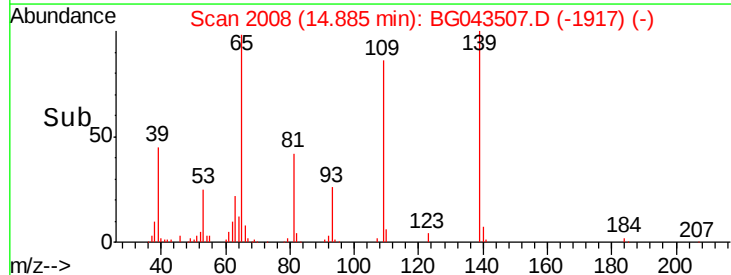
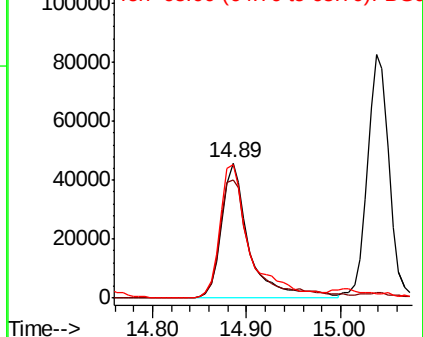


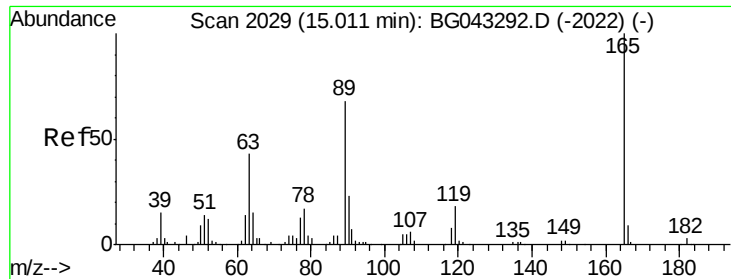
#56
4-Nitrophenol
Concen: 91.932 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG043507.D
Acq: 5 Nov 2019 14:37

Tgt Ion:139 Resp: 94618
Ion Ratio Lower Upper
139 100
109 87.5 87.2 127.2
65 98.9 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

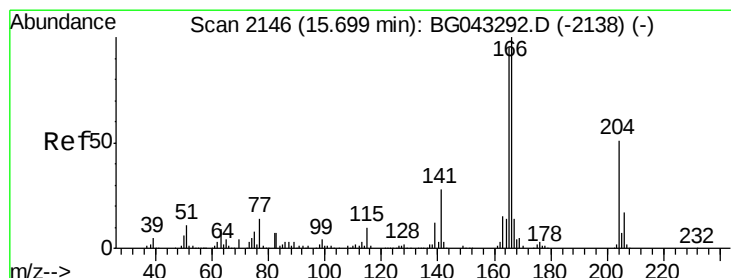
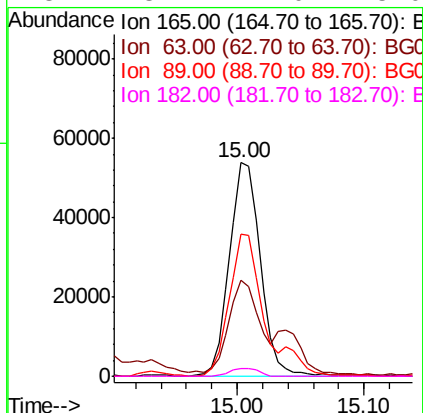
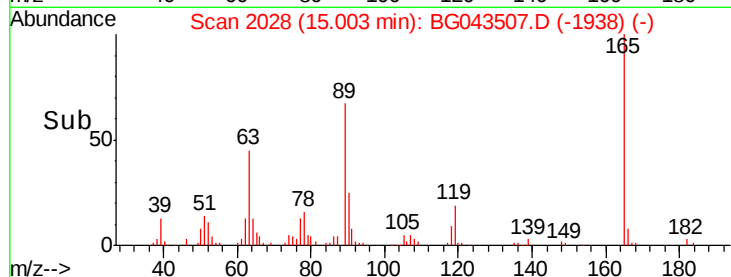
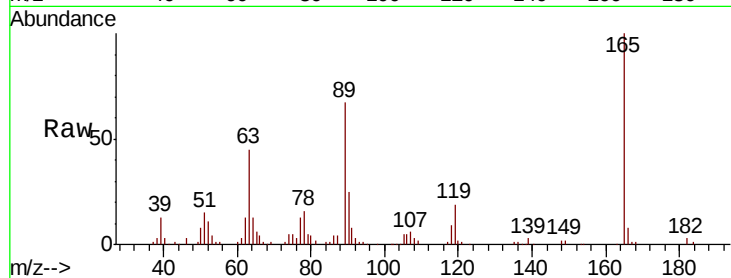




#57
2,4-Dinitrotoluene
Concen: 40.154 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG043507.D
Acq: 5 Nov 2019 14:37

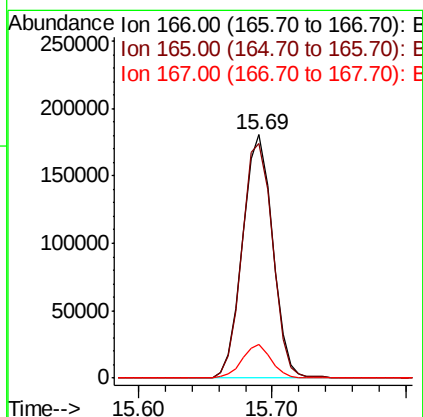
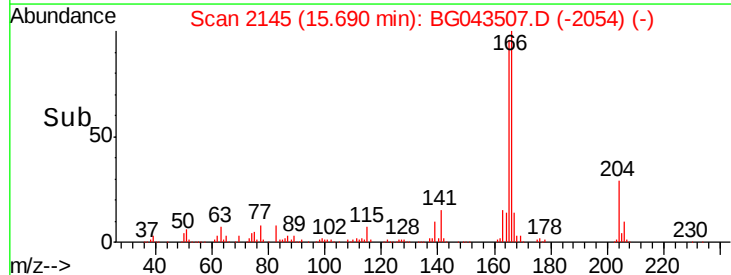
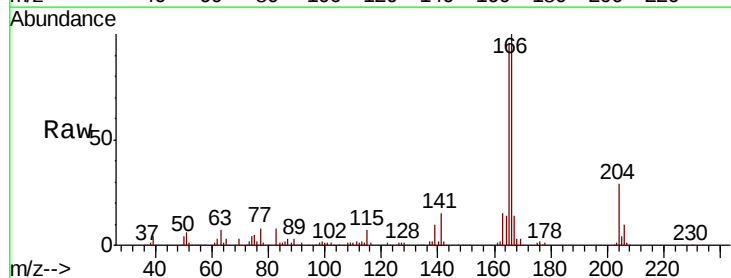
Instrument :
BNA_G
ClientSampleId :

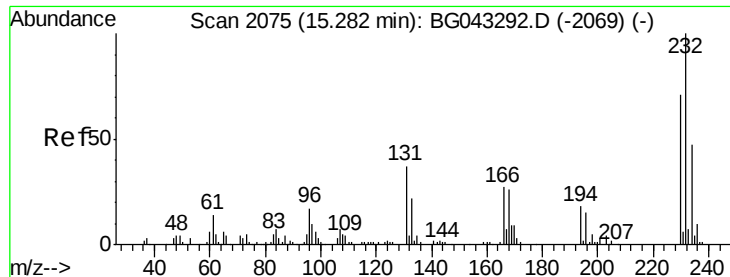
Tot Ion:	165	Resp:	91285
Ion	Ratio	Lower	Upper
165	100		
63	44.9	33.2	49.8
89	66.6	52.2	78.4
182	3.4	2.0	3.0#



#58
Fluorene
Concen: 39.725 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BG043507.D
Acq: 5 Nov 2019 14:37

Tgt Ion:	166	Resp:	280608
Ion	Ratio	Lower	Upper
166	100		
165	96.2	79.0	118.6
167	13.6	10.5	15.7

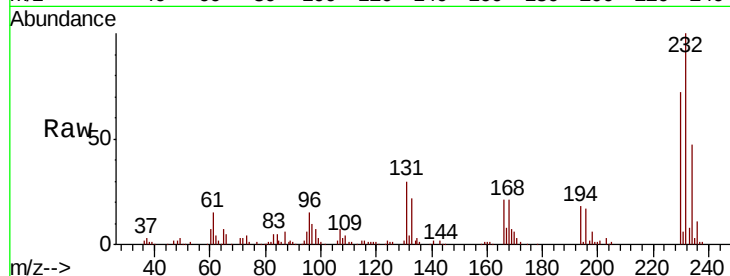




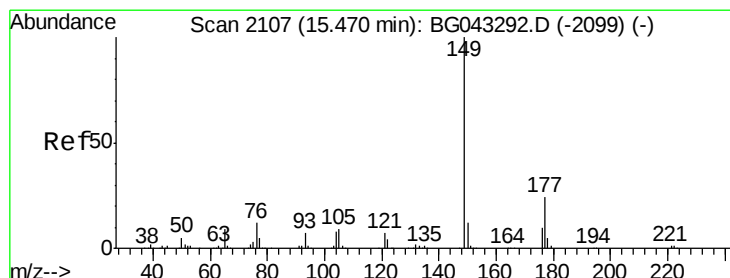
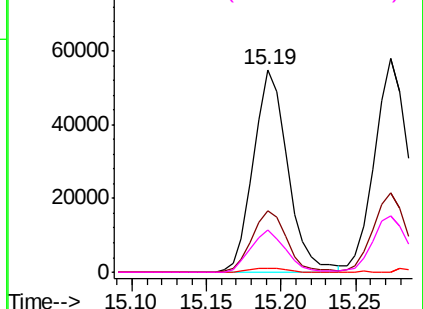
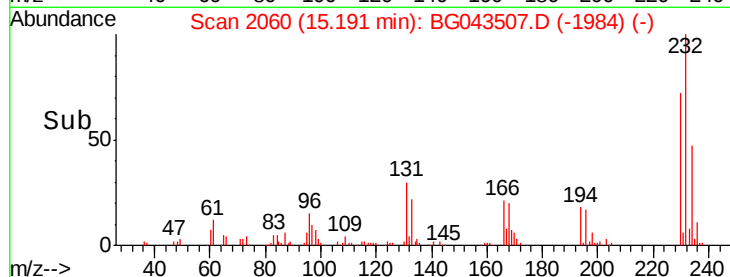
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.596 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.08 min
Lab File: BG043507.D
Acq: 5 Nov 2019 14:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:232 Resp: 87629
Ion Ratio Lower Upper
232 100
131 30.8 26.9 40.3
130 2.1 1.8 2.6
166 21.2 20.9 31.3

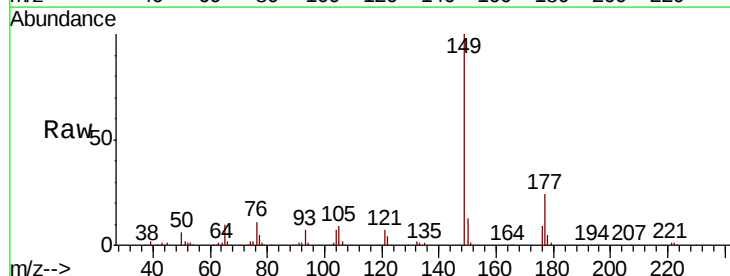


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

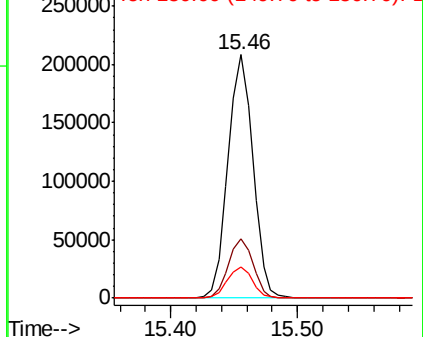
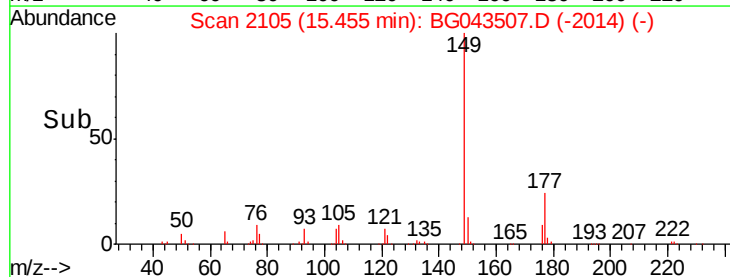


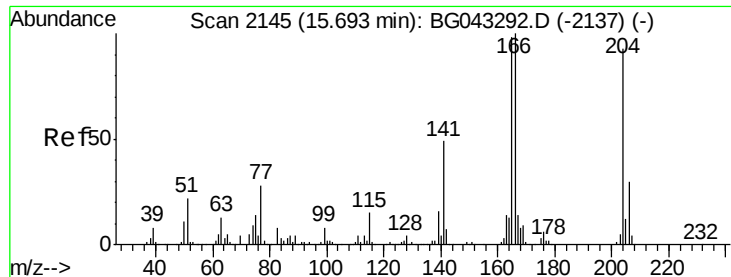
#60
Diethylphthalate
Concen: 38.646 ng
RT: 15.46 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BG043507.D
Acq: 5 Nov 2019 14:37

Tgt Ion:149 Resp: 284334
Ion Ratio Lower Upper
149 100
177 24.1 19.6 29.4
150 13.0 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

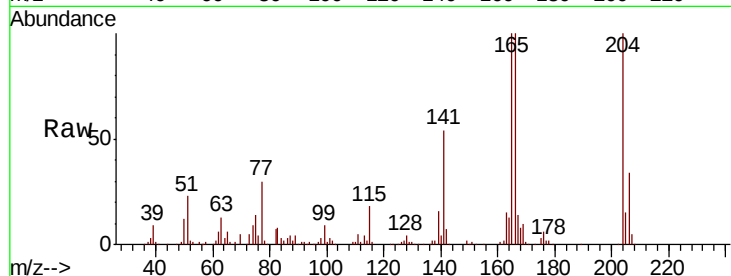




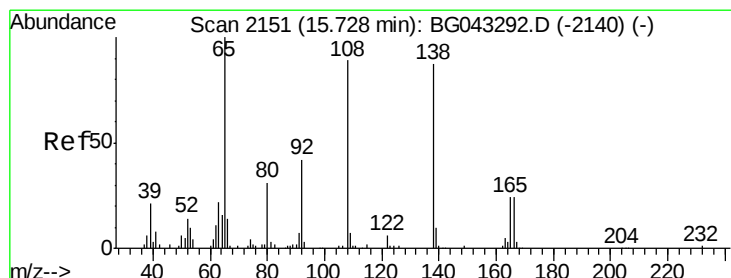
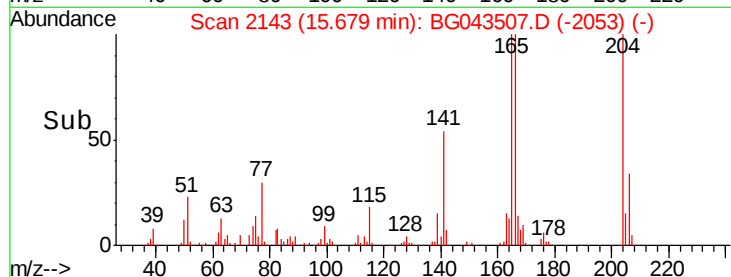
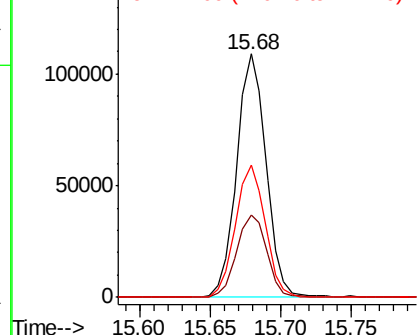
#61
 4-Chlorophenyl-phenylether
 Concen: 38.403 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BG043507.D
 Acq: 5 Nov 2019 14:37

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	28.4	42.6
141	54.5	43.0	64.6

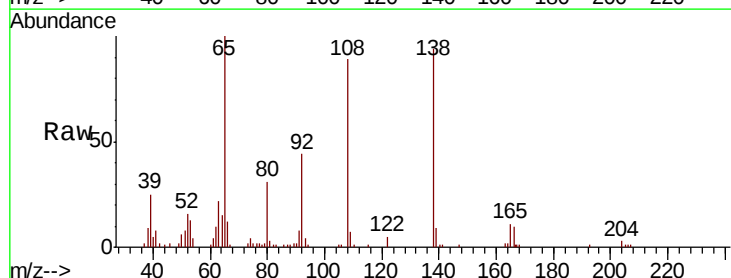


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

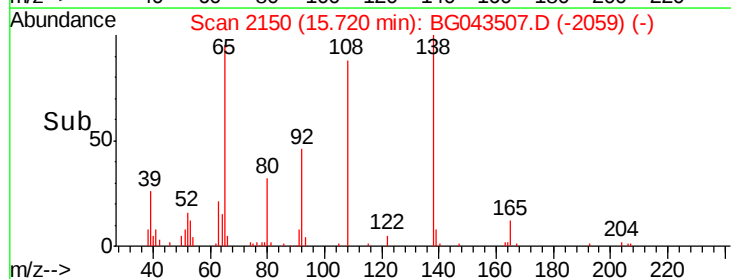
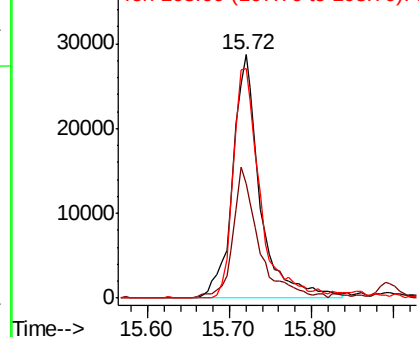


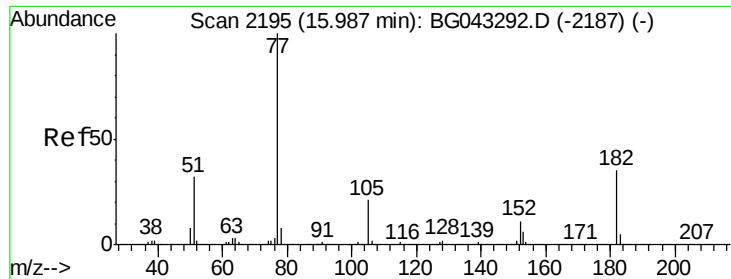
#62
 4-Nitroaniline
 Concen: 41.968 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. 0.00 min
 Lab File: BG043507.D
 Acq: 5 Nov 2019 14:37

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.1	33.4	73.4
108	94.5	78.0	118.0



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





#63

Azobenzene

Concen: 39.352 ng

RT: 15.97 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 234317

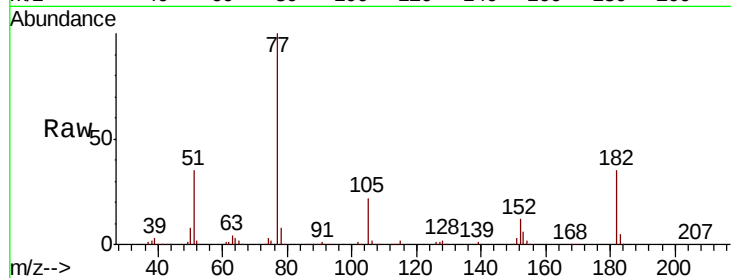
Ion Ratio Lower Upper

77 100

182 35.1 13.7 53.7

105 22.0 0.4 40.4

51 34.8 11.0 51.0

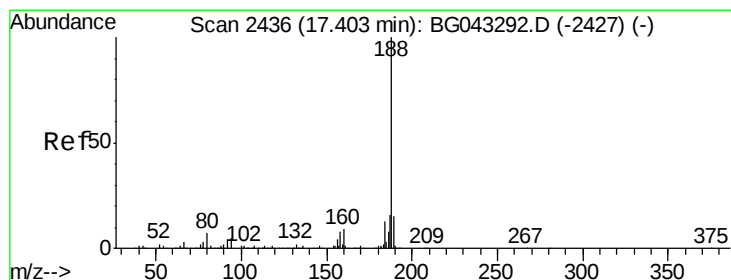
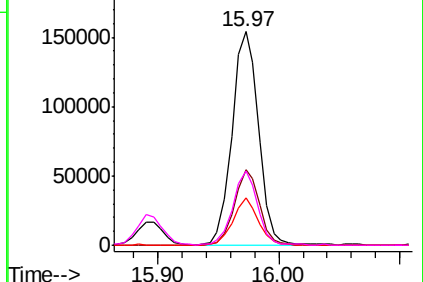
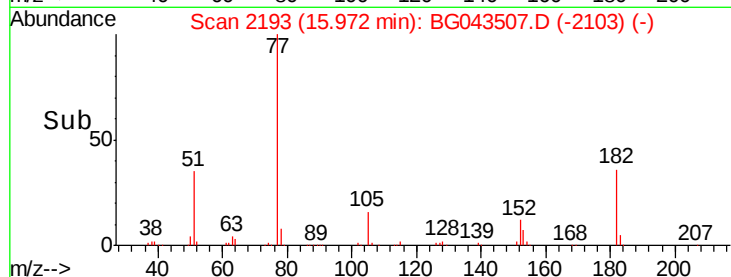


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.39 min Scan# 2434

Delta R.T. -0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

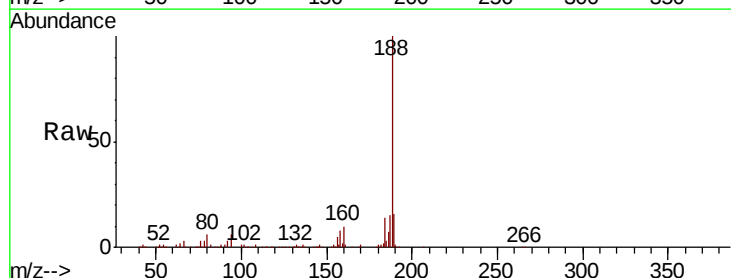
Tgt Ion: 188 Resp: 226559

Ion Ratio Lower Upper

188 100

94 5.7 4.2 6.4

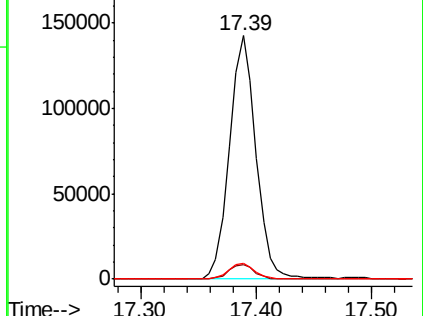
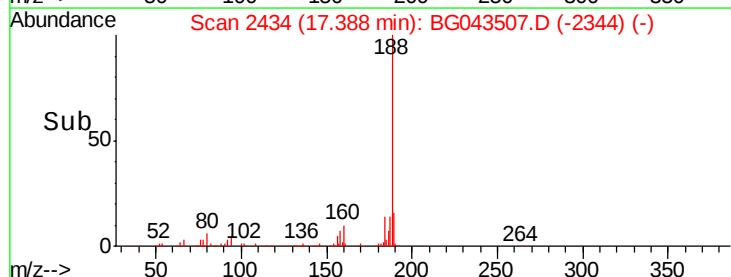
80 6.5 4.5 6.7

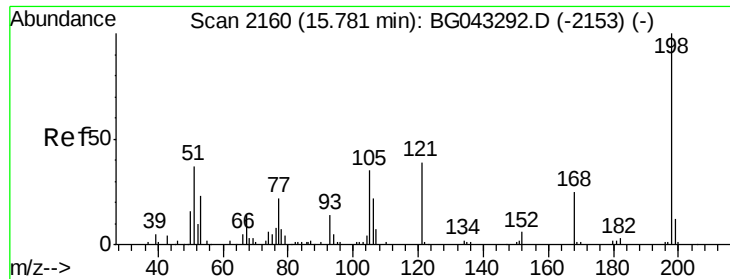


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 44.410 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

Instrument :

BNA_G

ClientSampled :

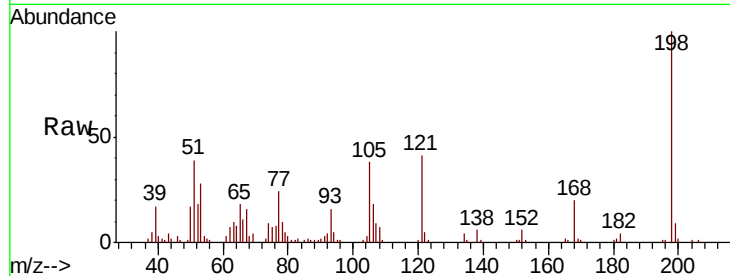
Tot Ion:198 Resp: 59212

Ion Ratio Lower Upper

198 100

51 38.6 13.2 53.2

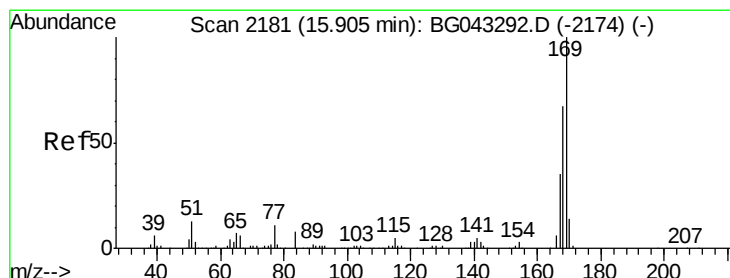
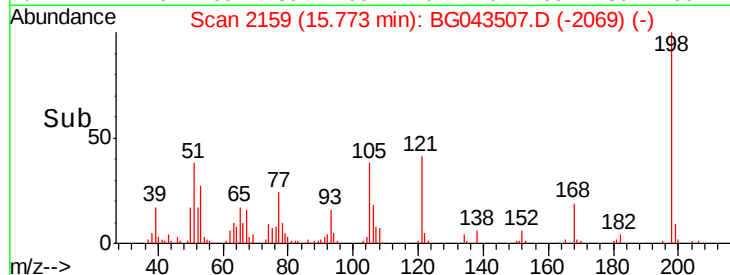
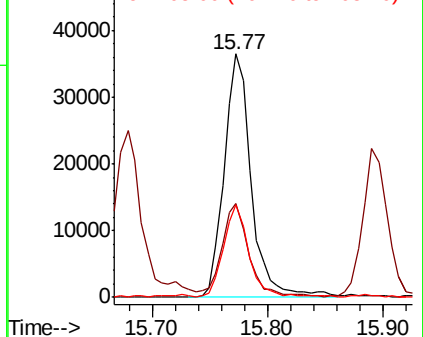
105 38.3 15.8 55.8



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: 39.844 ng

RT: 15.90 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

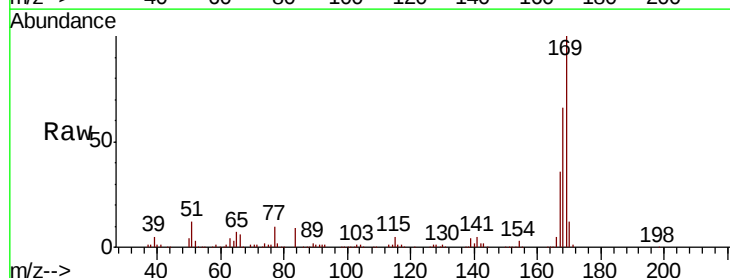
Tgt Ion:169 Resp: 254858

Ion Ratio Lower Upper

169 100

168 66.1 53.8 80.6

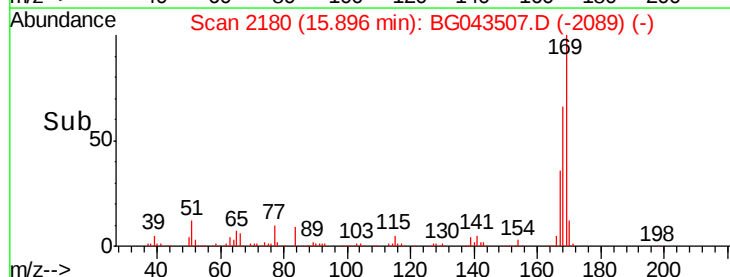
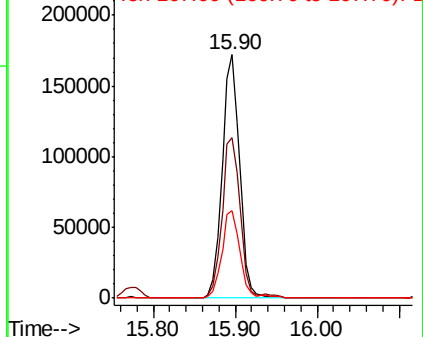
167 35.9 27.5 41.3

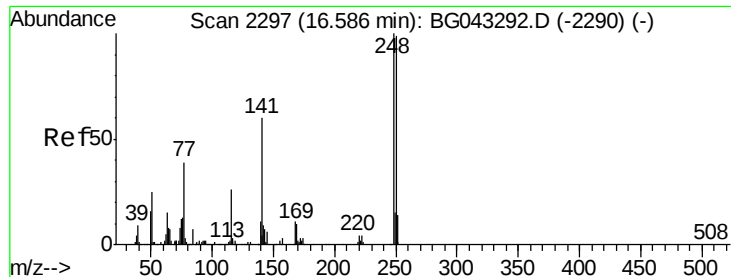


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

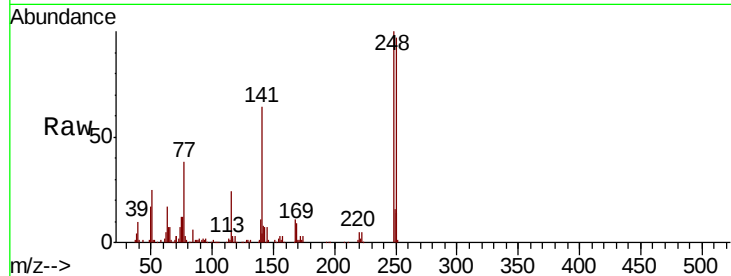




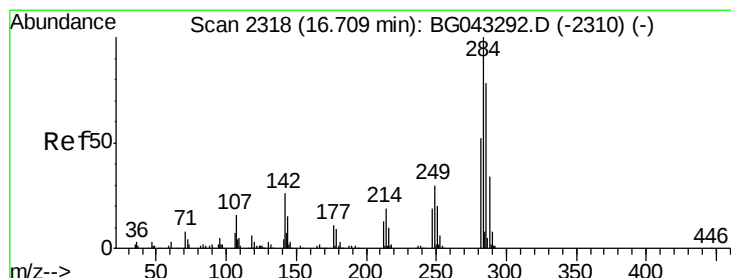
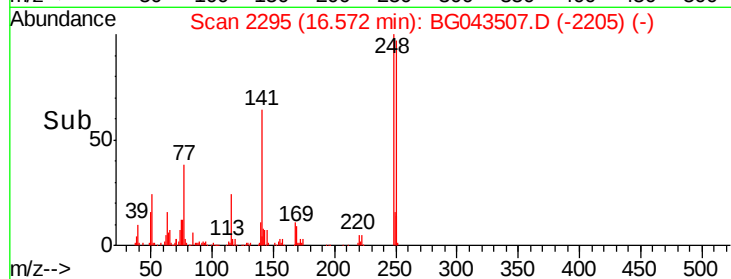
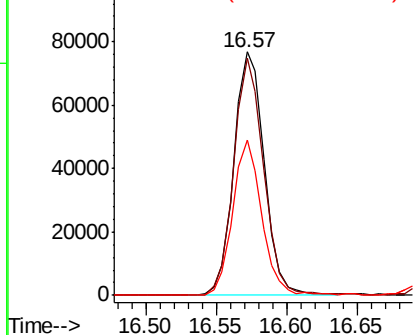
#67
4-Bromophenyl-phenylether
Concen: 37.744 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG043507.D
Acq: 5 Nov 2019 14:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 115082
Ion Ratio Lower Upper
248 100
250 97.4 77.0 115.4
141 64.0 47.5 71.3

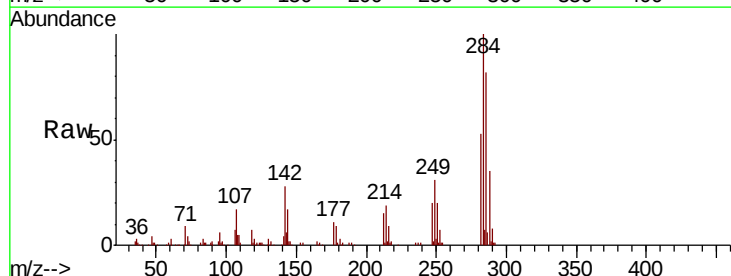


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

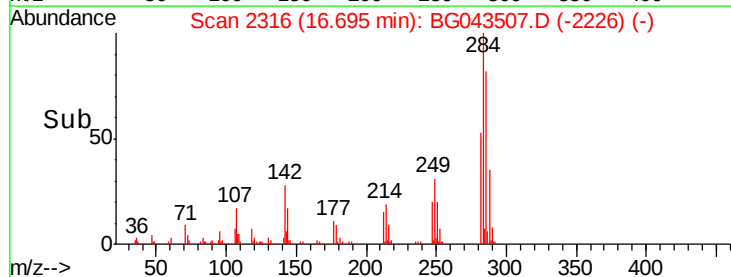
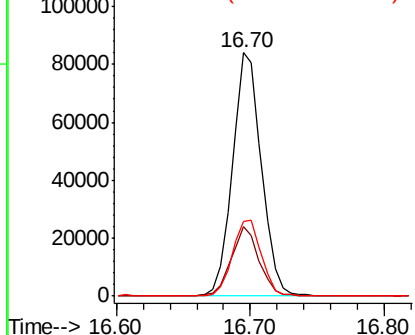


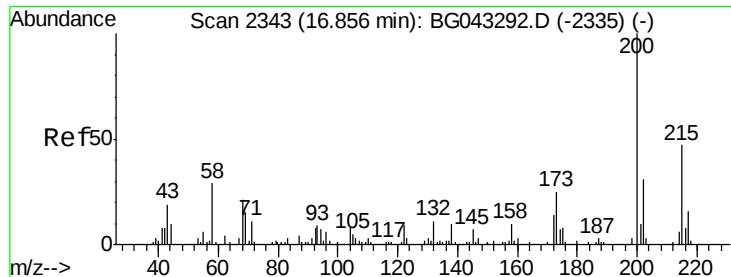
#68
Hexachlorobenzene
Concen: 36.082 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG043507.D
Acq: 5 Nov 2019 14:37

Tgt Ion:284 Resp: 126283
Ion Ratio Lower Upper
284 100
142 28.4 19.8 29.8
249 30.7 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

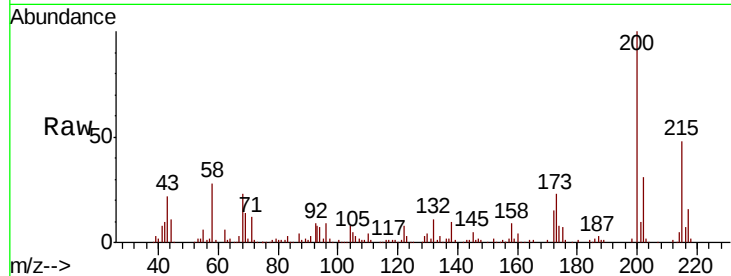




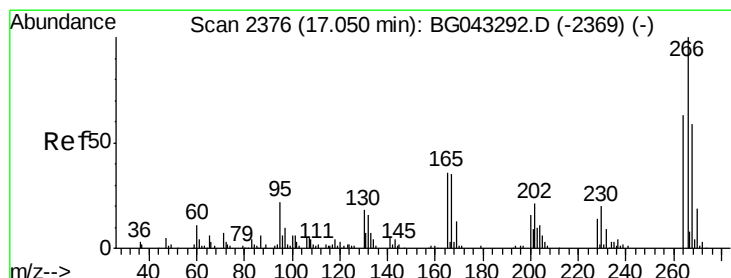
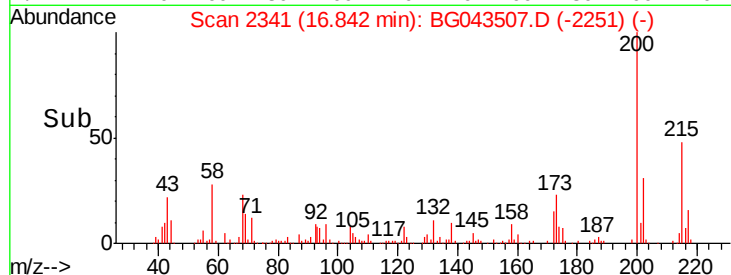
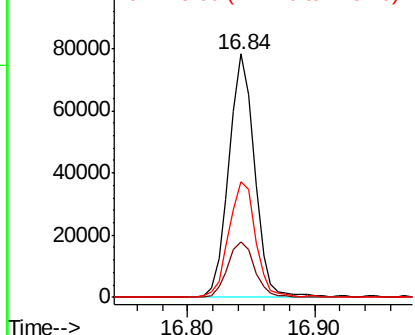
#69
 Atrazine
 Concen: 49.474 ng
 RT: 16.84 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: BG043507.D
 Acq: 5 Nov 2019 14:37

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:200 Resp: 109961
 Ion Ratio Lower Upper
 200 100
 173 22.5 4.7 44.7
 215 47.7 28.5 68.5

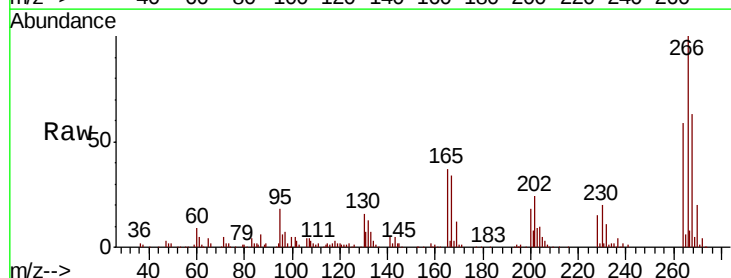


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

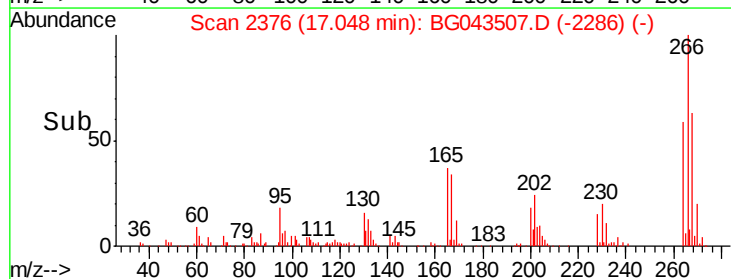
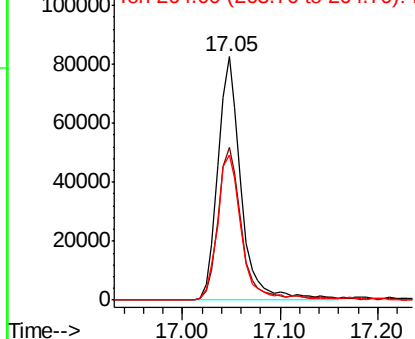


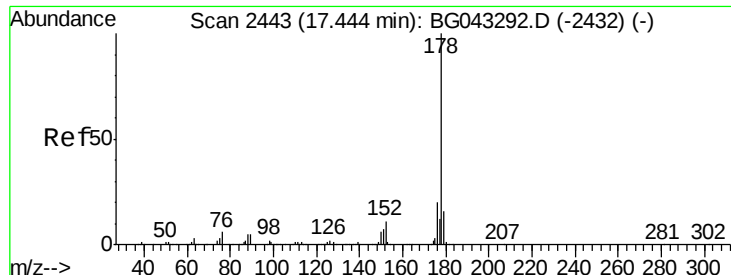
#70
 Pentachlorophenol
 Concen: 85.647 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: BG043507.D
 Acq: 5 Nov 2019 14:37

Tgt Ion:266 Resp: 136586
 Ion Ratio Lower Upper
 266 100
 268 63.0 50.4 75.6
 264 59.3 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

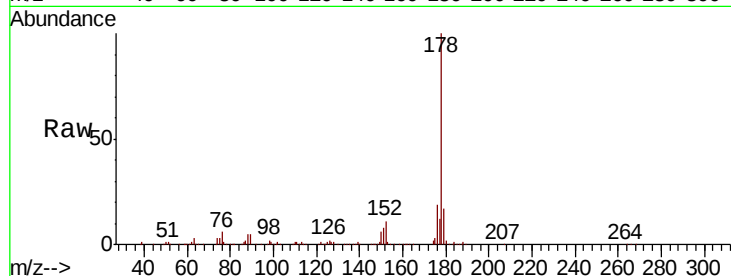




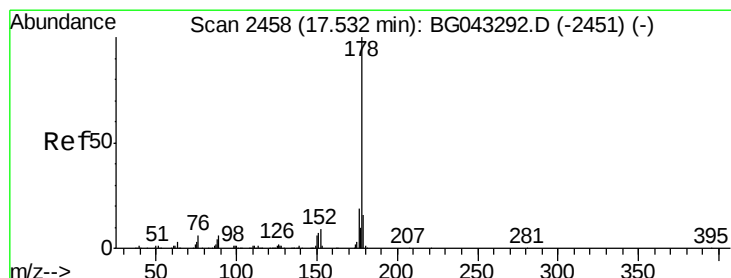
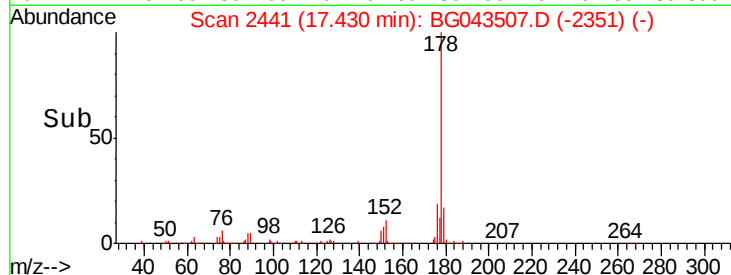
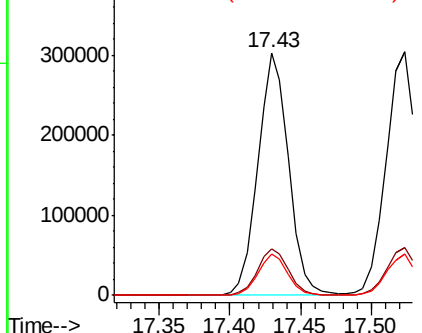
#71
Phenanthrene
Concen: 39.798 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG043507.D
Acq: 5 Nov 2019 14:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 461715
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 16.8 13.0 19.6

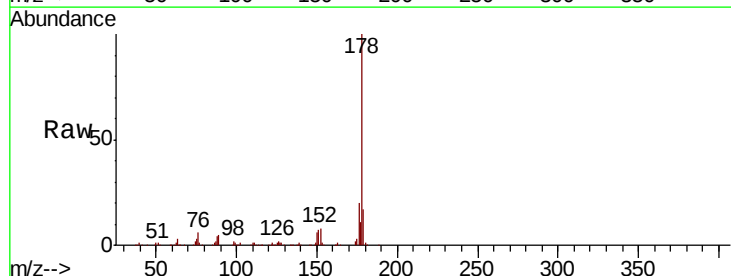


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

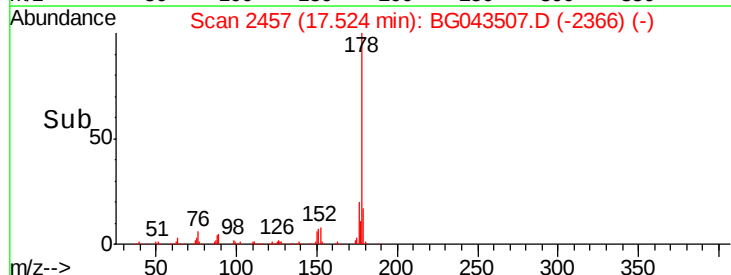
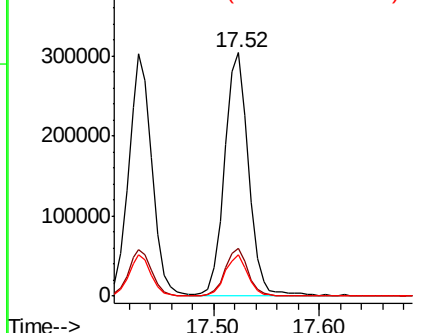


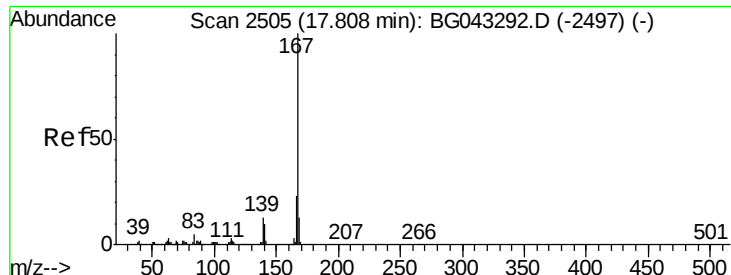
#72
Anthracene
Concen: 40.857 ng
RT: 17.52 min Scan# 2457
Delta R.T. 0.00 min
Lab File: BG043507.D
Acq: 5 Nov 2019 14:37

Tgt Ion:178 Resp: 474254
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 17.0 13.7 20.5



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 42.505 ng

RT: 17.79 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

Instrument :

BNA_G

ClientSampleId :

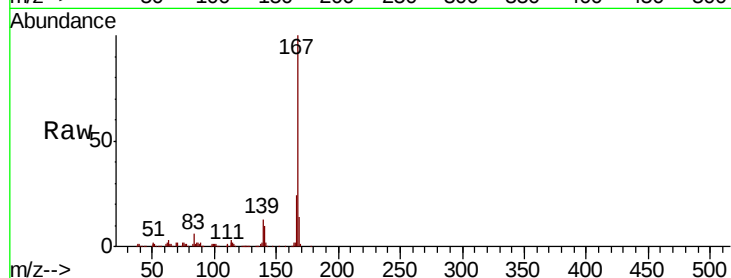
Tot Ion:167 Resp: 446789

Ion Ratio Lower Upper

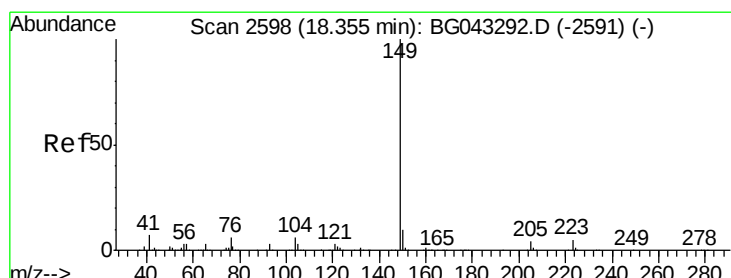
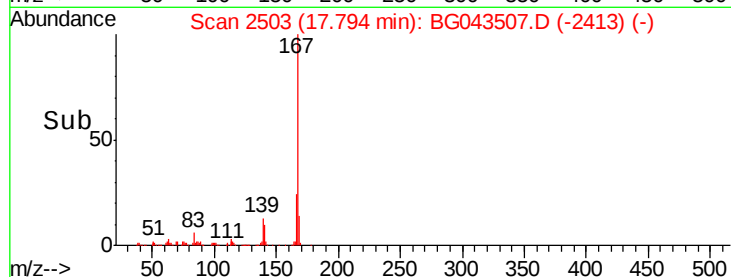
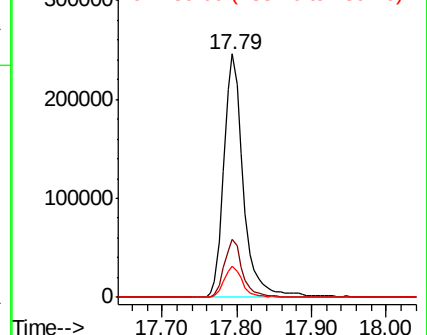
167 100

166 23.7 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: 41.277 ng

RT: 18.35 min Scan# 2597

Delta R.T. 0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

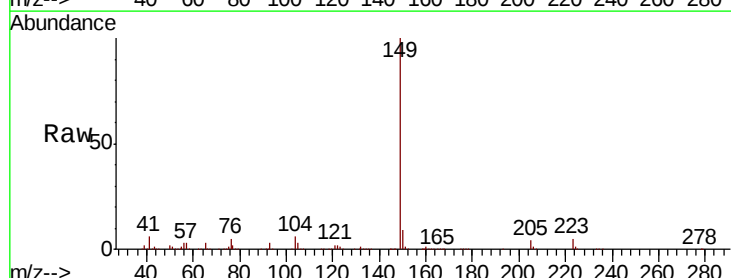
Tgt Ion:149 Resp: 526450

Ion Ratio Lower Upper

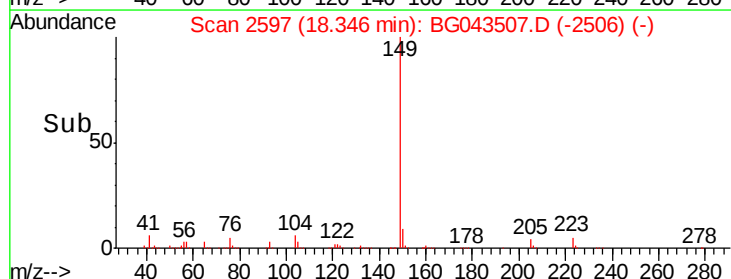
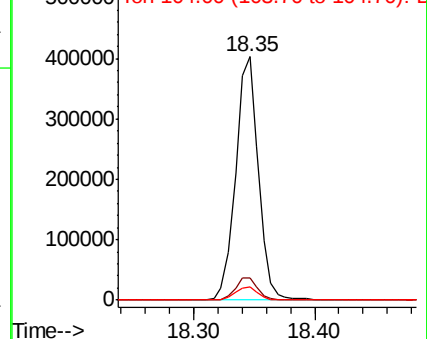
149 100

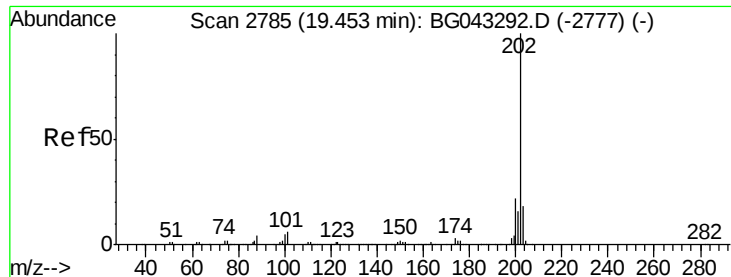
150 9.3 8.0 12.0

104 5.6 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: 42.677 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

Instrument :

BNA_G

ClientSampleId :

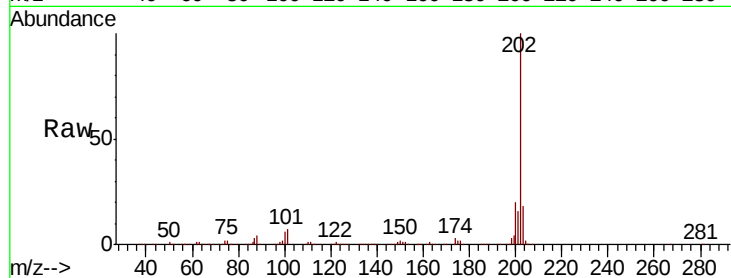
Tot Ion:202 Resp: 645476

Ion Ratio Lower Upper

202 100

101 6.7 0.0 26.3

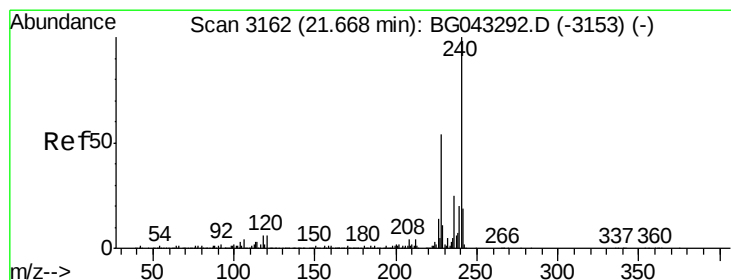
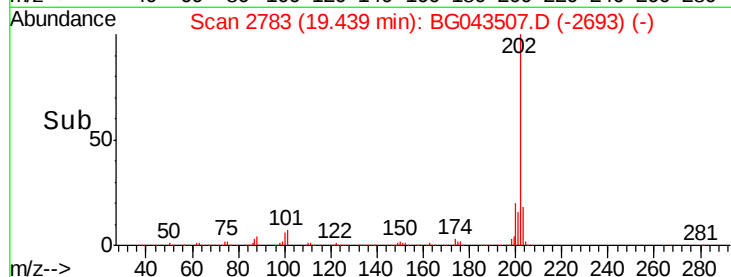
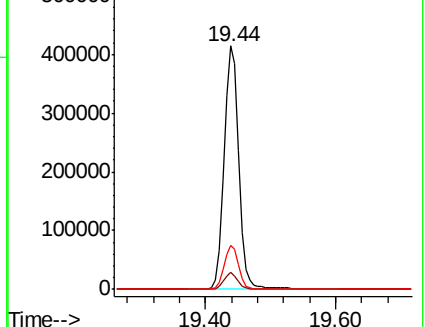
203 18.0 0.0 37.9



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: 21.66 min Scan# 3161

Delta R.T. 0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

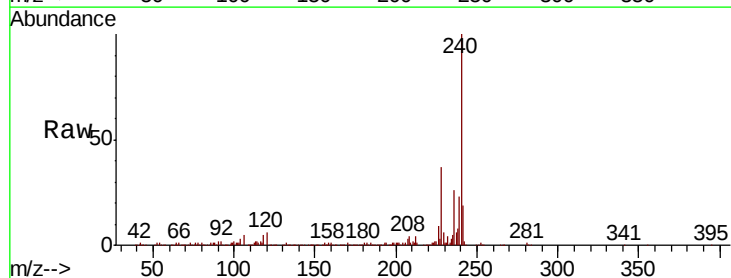
Tgt Ion:240 Resp: 271052

Ion Ratio Lower Upper

240 100

120 6.1 4.6 6.8

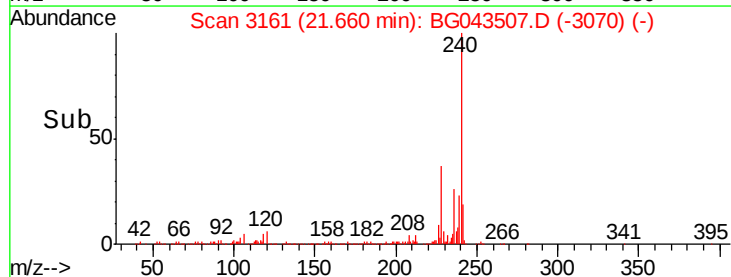
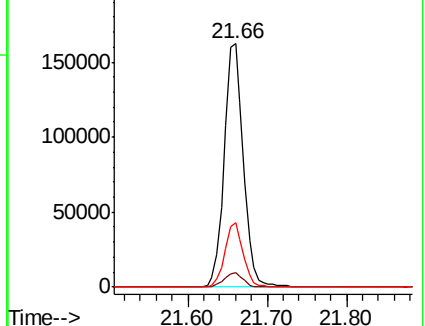
236 26.4 19.8 29.8

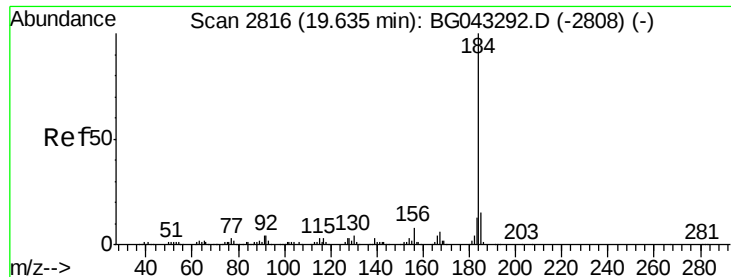


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.086 ng

RT: 19.63 min Scan# 2815

Delta R.T. 0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

Instrument :

BNA_G

ClientSampleId :

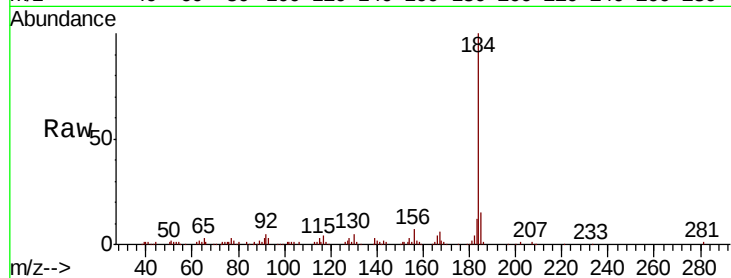
Tot Ion:184 Resp: 158664

Ion Ratio Lower Upper

184 100

185 15.4 11.0 16.4

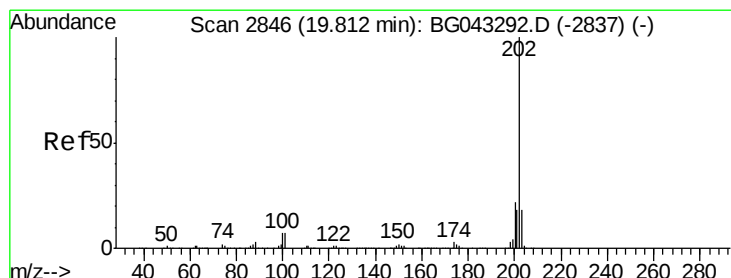
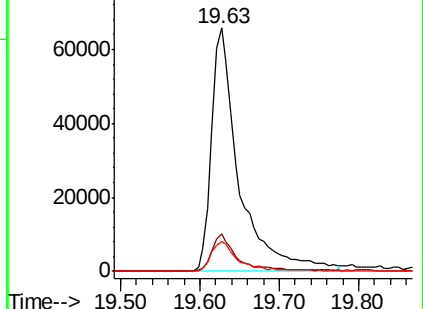
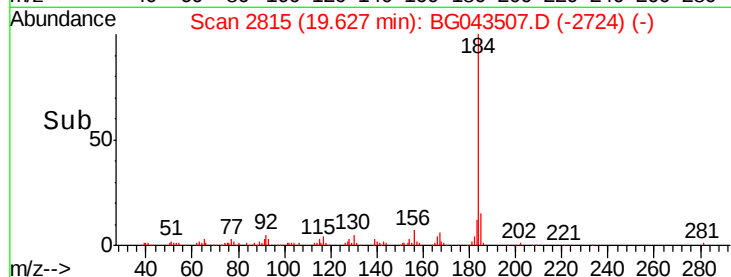
183 12.2 10.0 15.0



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: 38.761 ng

RT: 19.80 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

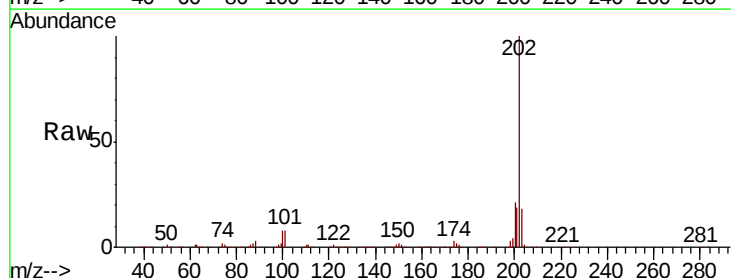
Tgt Ion:202 Resp: 650326

Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.4

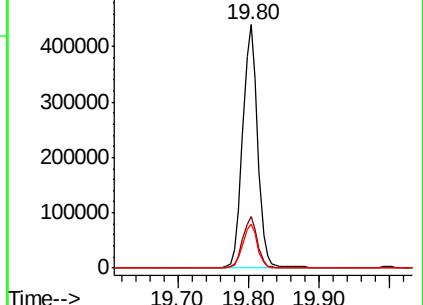
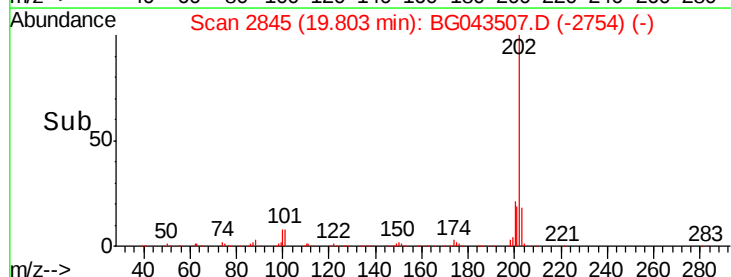
203 18.1 14.7 22.1

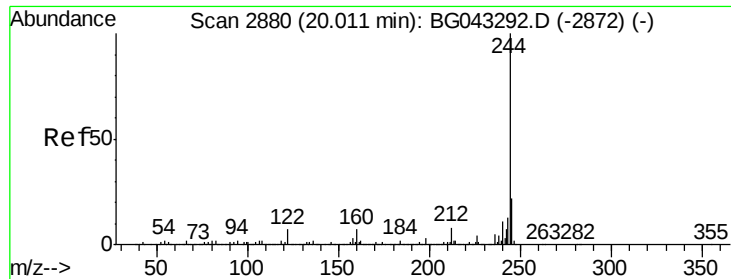


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 60.954 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

Instrument :

BNA_G

ClientSampleId :

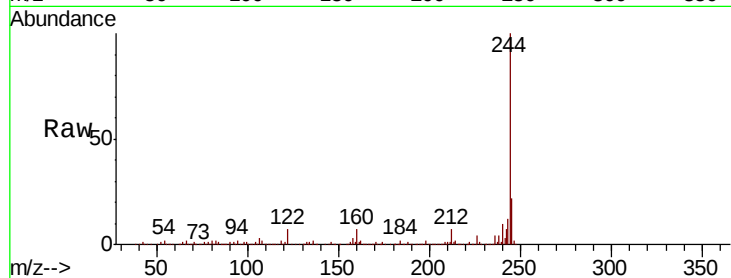
Tot Ion:244 Resp: 880659

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

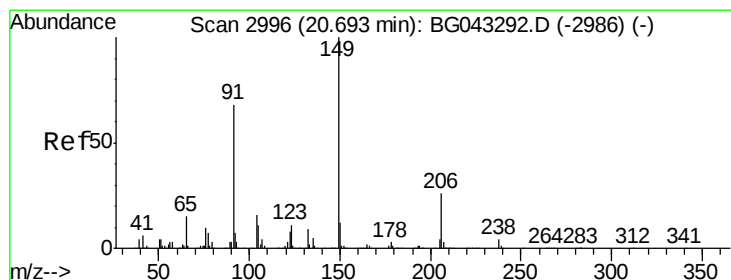
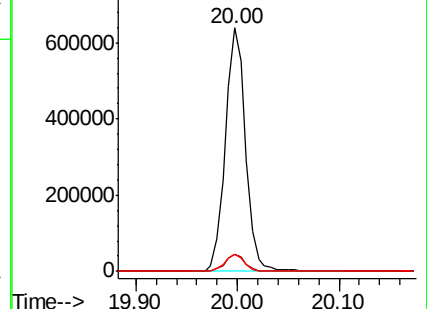
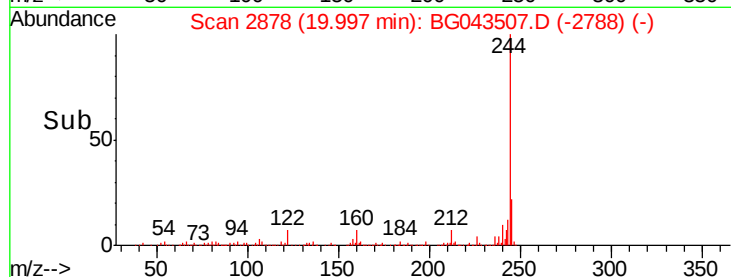
122 6.8 5.4 8.2



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: 39.229 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

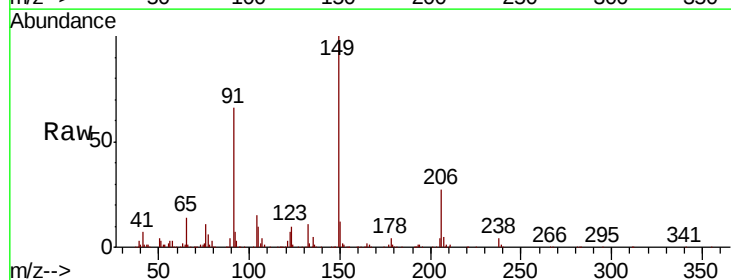
Tgt Ion:149 Resp: 249357

Ion Ratio Lower Upper

149 100

91 66.4 51.2 76.8

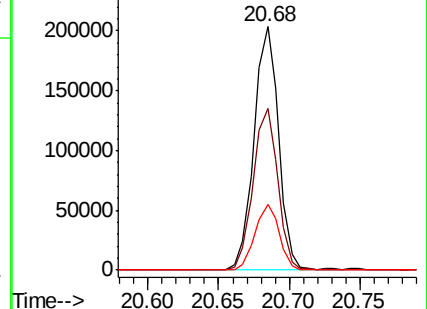
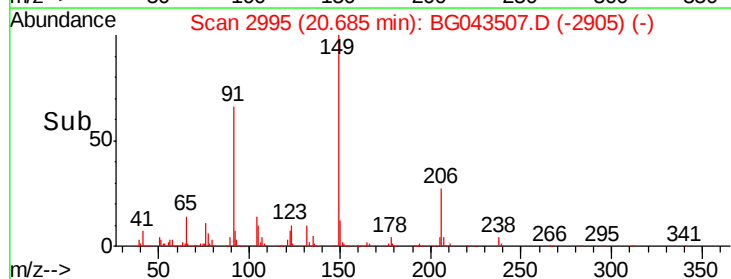
206 27.1 22.5 33.7

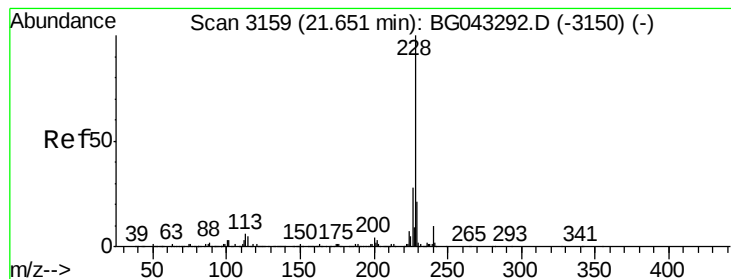


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.967 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

Instrument :

BNA_G

ClientSampled :

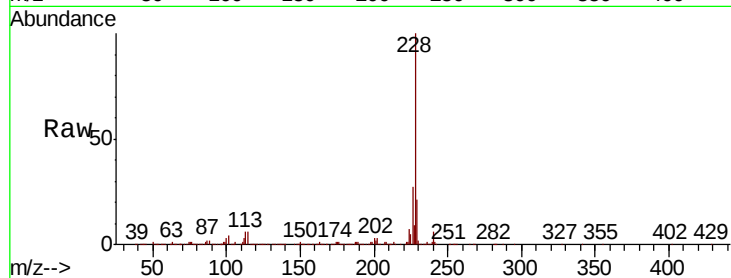
Tot Ion:228 Resp: 678588

Ion Ratio Lower Upper

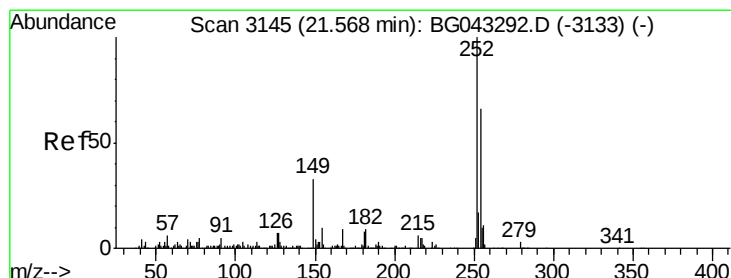
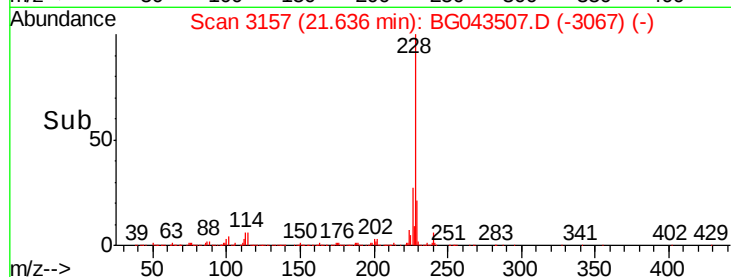
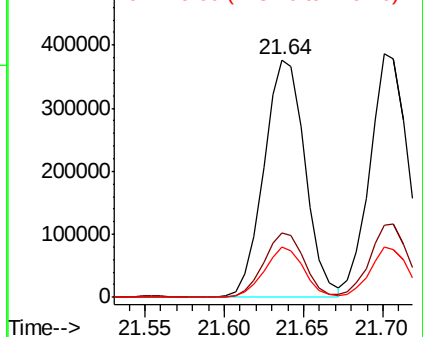
228 100

226 26.9 22.2 33.2

229 21.0 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: 33.923 ng

RT: 21.55 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

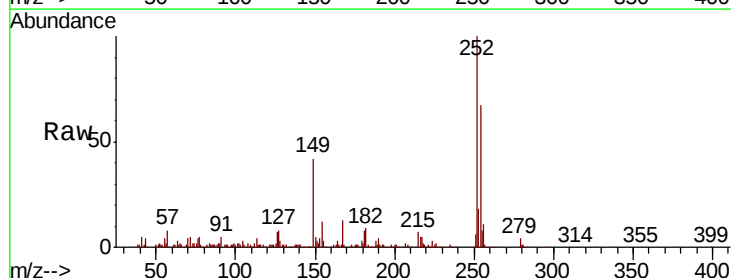
Tgt Ion:252 Resp: 222769

Ion Ratio Lower Upper

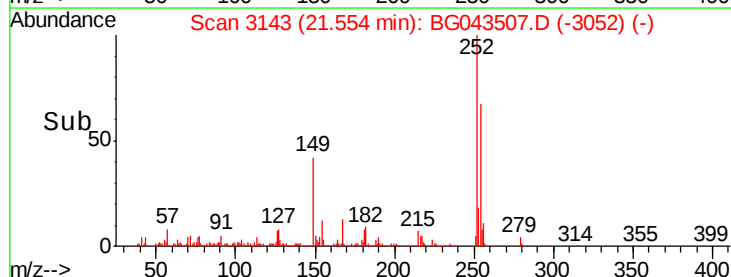
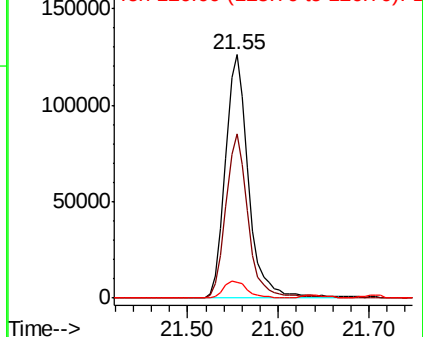
252 100

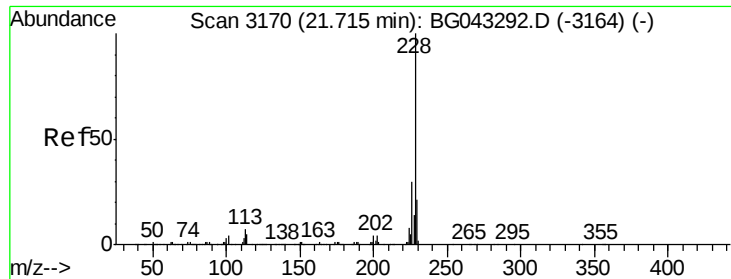
254 67.5 50.8 76.2

126 6.7 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

Chrvsene

Concen: 39.411 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

Instrument :

BNA_G

ClientSampled :

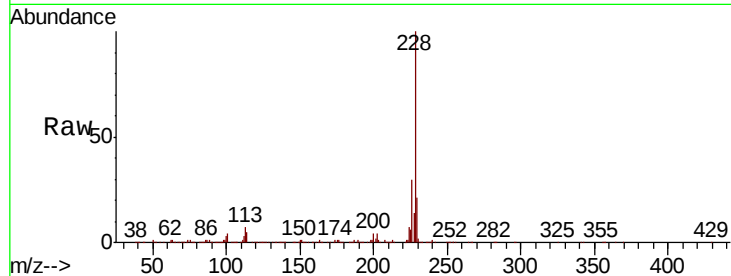
Tot Ion:228 Resp: 664846

Ion Ratio Lower Upper

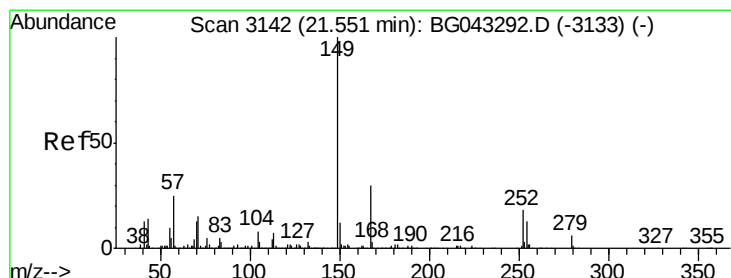
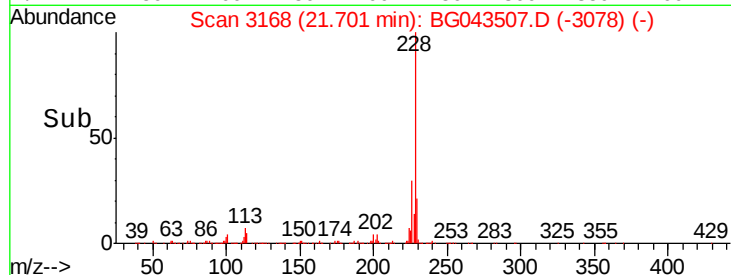
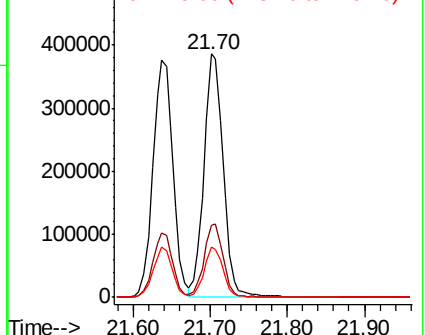
228 100

226 29.7 25.1 37.7

229 20.6 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: 40.312 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

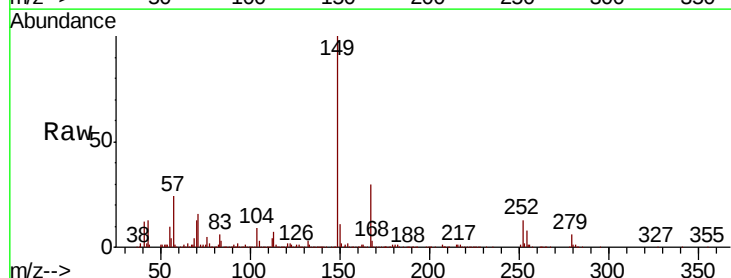
Tgt Ion:149 Resp: 363991

Ion Ratio Lower Upper

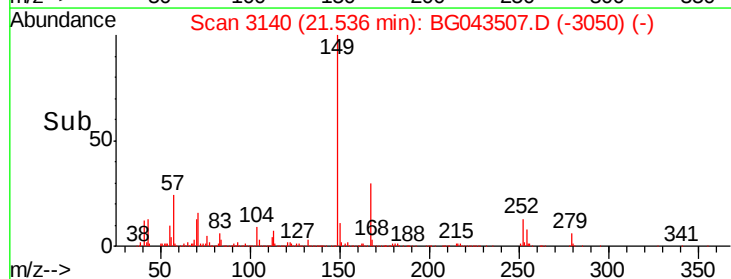
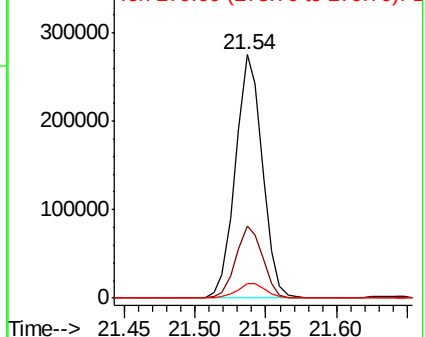
149 100

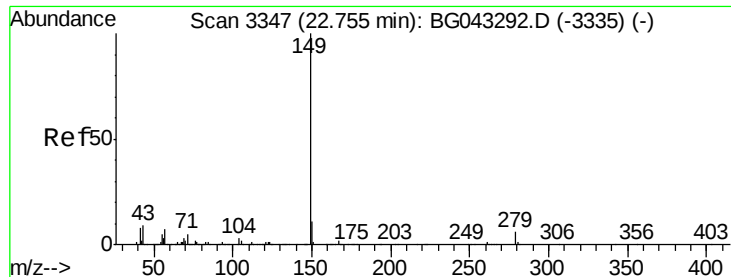
167 29.8 24.0 36.0

279 6.2 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: 40.894 ng

RT: 22.74 min Scan# 3344

Delta R.T. -0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

Instrument :

BNA_G

ClientSampled :

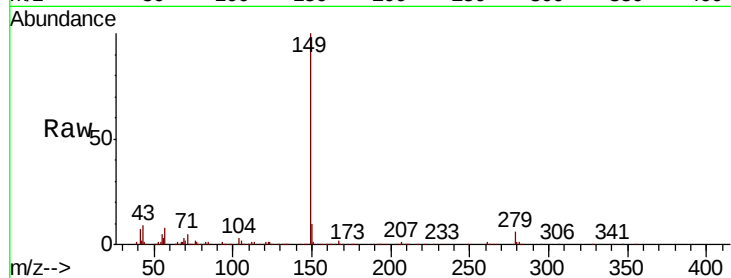
Tot Ion:149 Resp: 626454

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

43 8.7 7.0 10.6

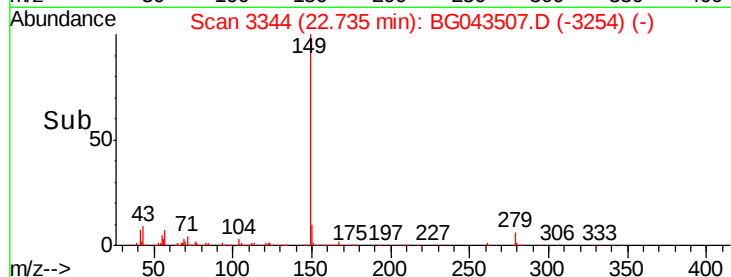


Abundance Ion 149.00 (148.70 to 149.70): E

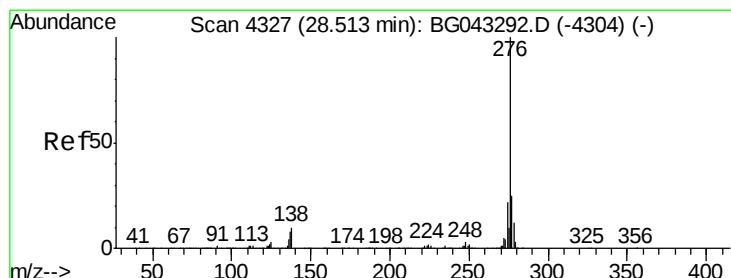
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

Time-->



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.346 ng

RT: 28.49 min Scan# 4324

Delta R.T. -0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

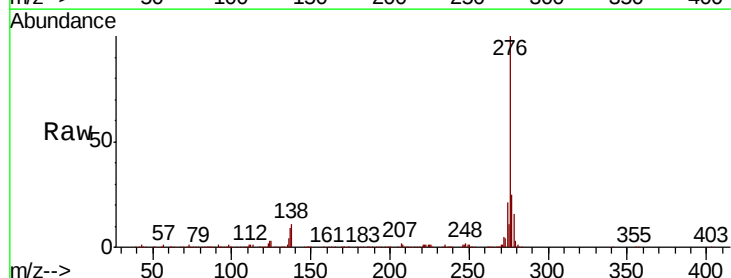
Tgt Ion:276 Resp: 854347

Ion Ratio Lower Upper

276 100

138 7.6 6.8 10.2

277 26.3 20.9 31.3

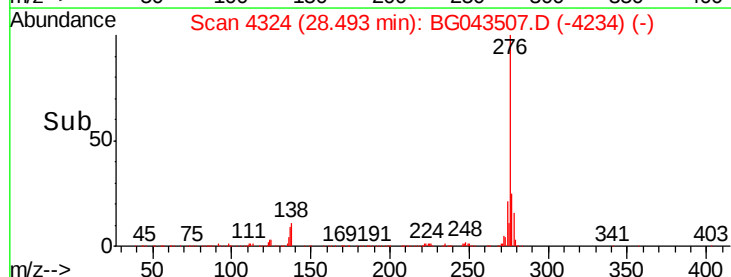


Abundance Ion 276.00 (275.70 to 276.70): E

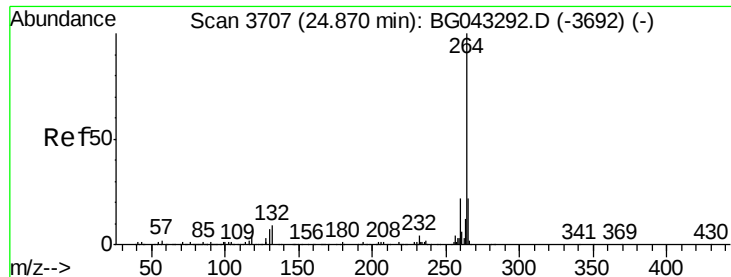
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Time-->



Time-->



#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

Instrument :

BNA_G

ClientSampled :

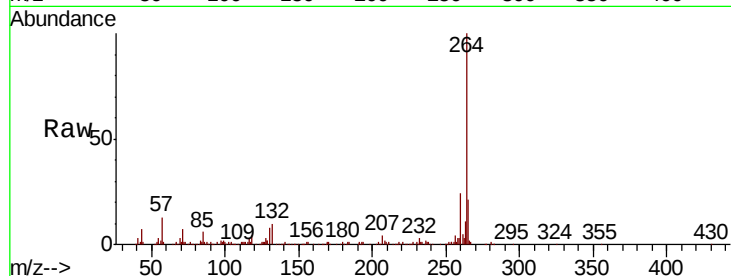
Tot Ion:264 Resp: 249846

Ion Ratio Lower Upper

264 100

260 24.0 17.5 26.3

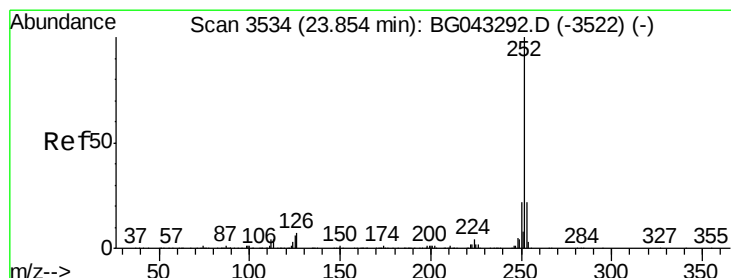
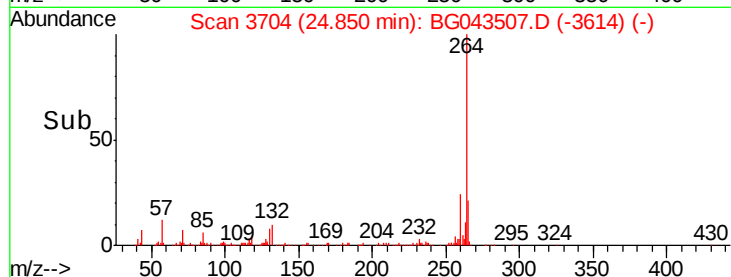
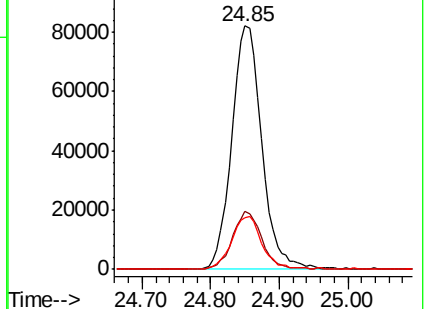
265 21.0 17.4 26.0



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: 50.455 ng

RT: 23.84 min Scan# 3532

Delta R.T. -0.00 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

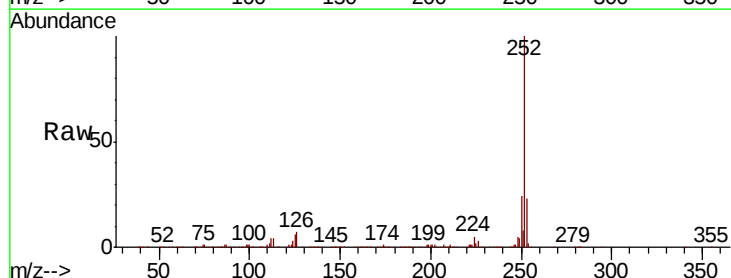
Tgt Ion:252 Resp: 713957

Ion Ratio Lower Upper

252 100

253 22.9 17.7 26.5

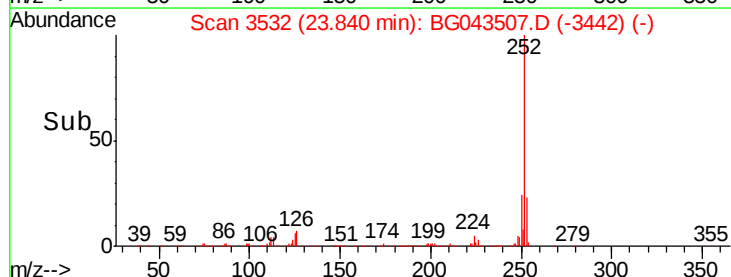
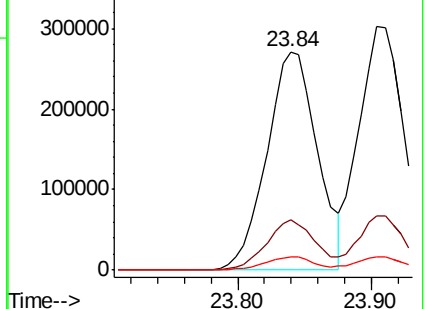
125 6.3 4.5 6.7

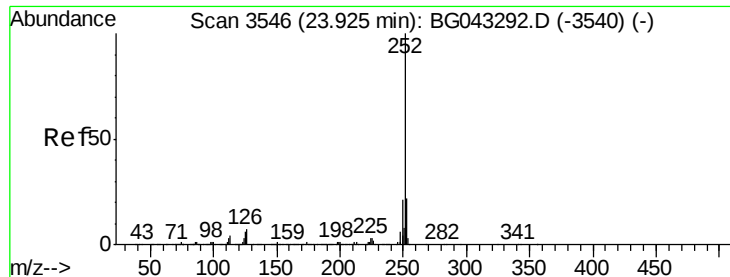


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

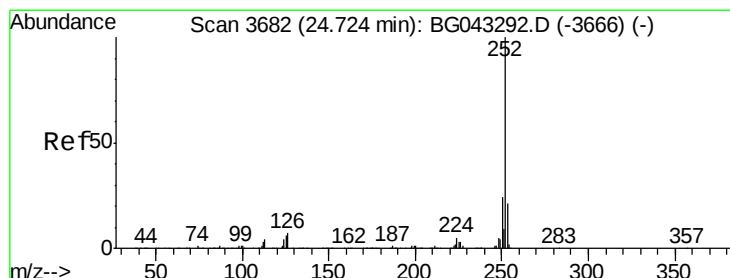
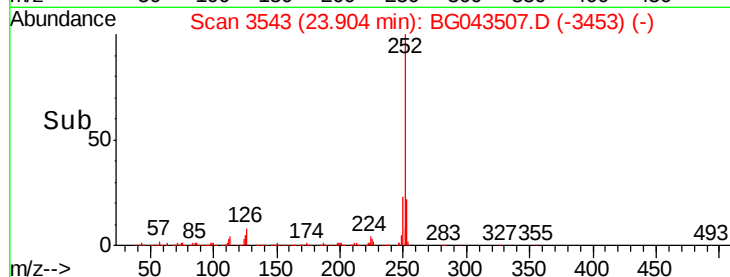
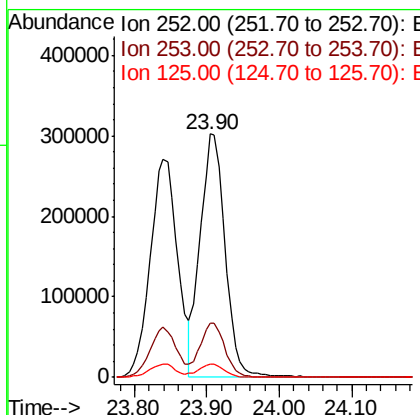
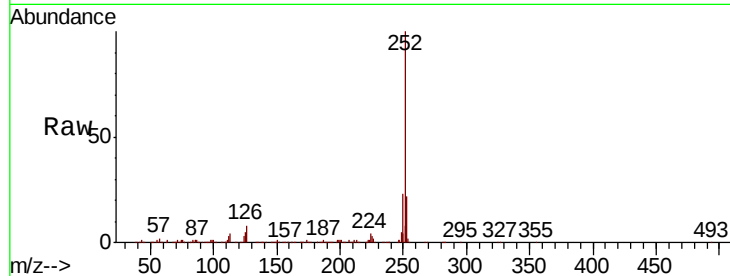




#89
Benzo(k)fluoranthene
Concen: 50.505 ng
RT: 23.90 min Scan# 3543
Delta R.T. -0.00 min
Lab File: BG043507.D
Acq: 5 Nov 2019 14:37

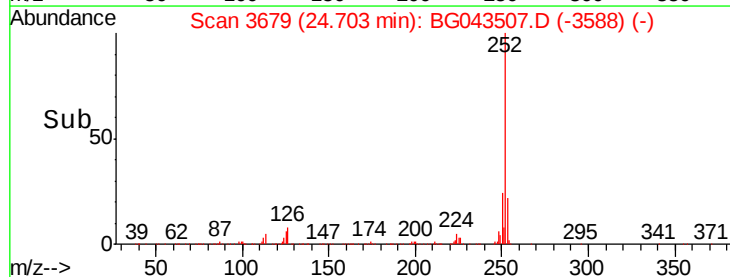
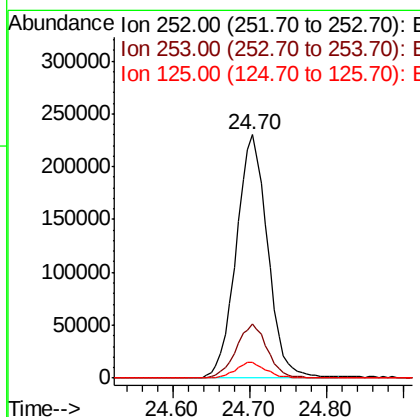
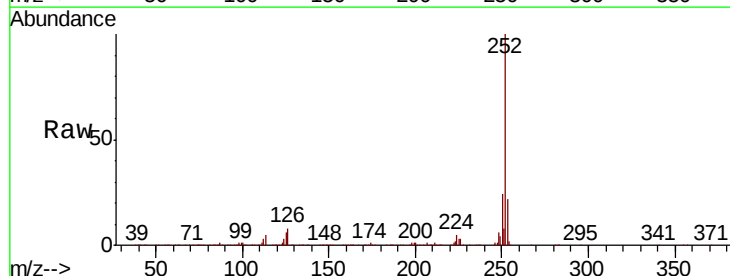
Instrument :
BNA_G
ClientSampleId :

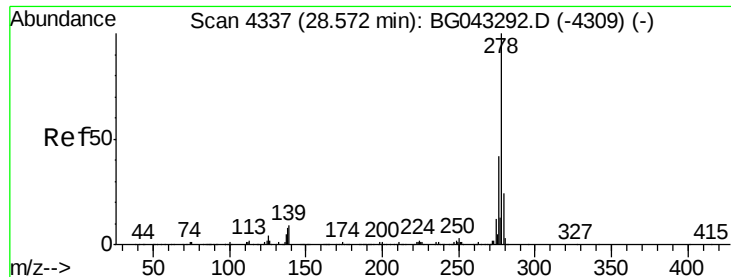
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	5.5	4.6	6.8



#90
Benzo(a)pyrene
Concen: 48.750 ng
RT: 24.70 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG043507.D
Acq: 5 Nov 2019 14:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	6.4	5.4	8.2





#91

Dibenzo(a,h)anthracene

Concen: 53.160 ng

RT: 28.55 min Scan# 4333

Delta R.T. -0.01 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

Instrument :

BNA_G

ClientSampled :

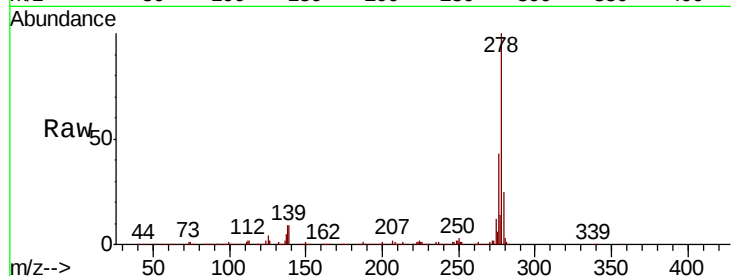
Tot Ion:278 Resp: 734756

Ion Ratio Lower Upper

278 100

139 9.2 7.4 11.0

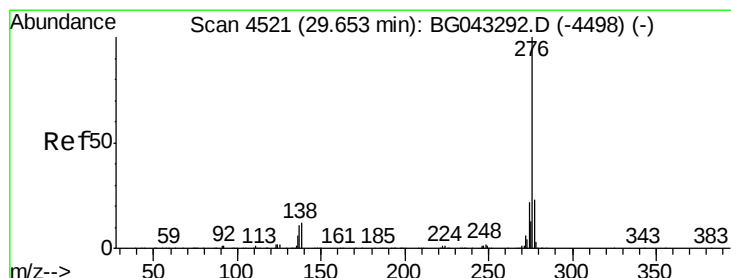
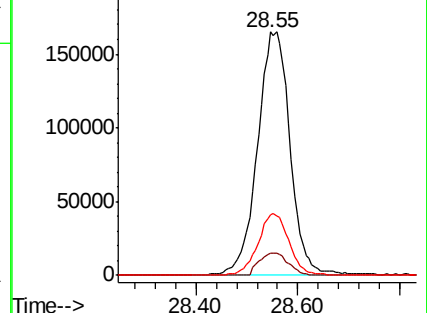
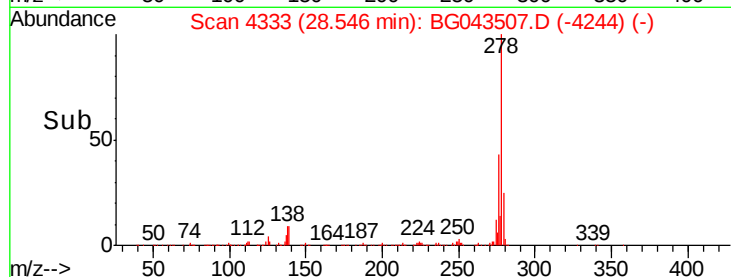
279 25.0 19.1 28.7



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



#92

Benzo(g,h,i)perylene

Concen: 53.387 ng

RT: 29.64 min Scan# 4519

Delta R.T. 0.01 min

Lab File: BG043507.D

Acq: 5 Nov 2019 14:37

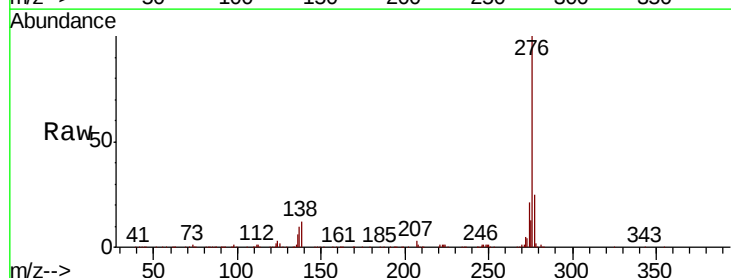
Tgt Ion:276 Resp: 727853

Ion Ratio Lower Upper

276 100

277 25.0 18.9 28.3

138 12.1 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

