

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
 Data File : BG043499.D
 Acq On : 5 Nov 2019 3:36
 Operator : JU
 Sample : K5497-07DL 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 05 04:55:24 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	40773	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	159777	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	105724	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	247330	20.00	ng	0.00
76) Chrysene-d12	21.66	240	256515	20.00	ng	0.00
87) Perylene-d12	24.86	264	306470	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	253321	113.85	ng	0.00
7) Phenol-d6	7.20	99	239891	74.93	ng	0.00
23) Nitrobenzene-d5	9.18	82	294209	94.93	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	283085	140.70	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	755150	98.70	ng	0.00
79) Terphenyl-d14	20.00	244	1366669	99.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	26443	30.496	ng	96
3) Pyridine	3.88	79	35174	16.081	ng	97
4) n-Nitrosodimethylamine	3.79	42	37545	34.017	ng	92
6) Aniline	7.34	93	61692	16.729	ng	96
8) 2-Chlorophenol	7.59	128	128692	52.395	ng	98
9) Benzaldehyde	7.15	77	39390	25.037	ng	94
10) Phenol	7.23	94	80059	27.367	ng	98
11) bis(2-Chloroethyl)ether	7.43	93	109198	48.281	ng	99
12) 1,3-Dichlorobenzene	7.90	146	143051	46.484	ng	97
13) 1,4-Dichlorobenzene	8.05	146	144055	46.266	ng	99
14) 1,2-Dichlorobenzene	8.37	146	138633	45.602	ng	96
15) Benzyl Alcohol	8.26	79	99891	44.429	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	142118	43.214	ng	96
17) 2-Methylphenol	8.47	107	100968	47.345	ng	99
18) Hexachloroethane	9.10	117	49012	43.630	ng	100
19) n-Nitroso-di-n-propylamine	8.82	70	94463	45.664	ng	97
20) 3+4-Methylphenols	8.80	107	123949	42.386	ng	97
22) Acetophenone	8.84	105	194080	47.432	ng	# 98
24) Nitrobenzene	9.22	77	145841	49.399	ng	# 96
25) Isophorone	9.74	82	265895	46.927	ng	99
26) 2-Nitrophenol	9.93	139	74956	52.589	ng	95
27) 2,4-Dimethylphenol	10.00	122	114383	55.991	ng	94
28) bis(2-Chloroethoxy)methane	10.22	93	143456	45.873	ng	97
29) 2,4-Dichlorophenol	10.48	162	136962	52.326	ng	95
30) 1,2,4-Trichlorobenzene	10.68	180	154207	46.744	ng	99
31) Naphthalene	10.87	128	399976	49.318	ng	97
32) Benzoic acid	10.15	122	23502	21.275	ng	91
33) 4-Chloroaniline	10.99	127	61502	18.500	ng	99
34) Hexachlorobutadiene	11.15	225	105281	43.171	ng	97
35) Caprolactam	11.76	113	9360	10.383	ng	# 81
36) 4-Chloro-3-methylphenol	12.12	107	146355	51.260	ng	95
37) 2-Methylnaphthalene	12.47	142	302870	48.671	ng	98
38) 1-Methylnaphthalene	12.69	142	284416	48.036	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	193488	49.451	ng	99

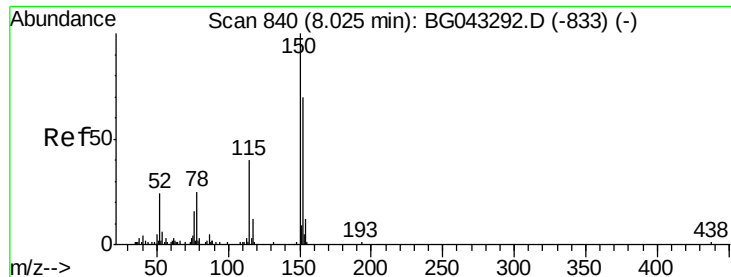
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	84198	40.965	ng	99
43) 2,4,6-Trichlorophenol	13.09	196	122778	53.284	ng	99
44) 2,4,5-Trichlorophenol	13.17	196	130422	55.987	ng	95
46) 1,1'-Biphenyl	13.48	154	402848	50.087	ng	98
47) 2-Chloronaphthalene	13.53	162	308940	50.484	ng	98
48) 2-Nitroaniline	13.73	65	92943	50.816	ng	97
49) Acenaphthylene	14.37	152	500638	52.564	ng	99
50) Dimethylphthalate	14.10	163	396092	48.368	ng	99
51) 2,6-Dinitrotoluene	14.22	165	92378	51.925	ng	98
52) Acenaphthene	14.71	154	295924	50.949	ng	96
53) 3-Nitroaniline	14.56	138	56585	32.943	ng	96
54) 2,4-Dinitrophenol	14.77	184	68672	63.470	ng	94
55) Dibenzofuran	15.05	168	487848	51.794	ng	98
56) 4-Nitrophenol	14.89	139	70988	61.673	ng	86
57) 2,4-Dinitrotoluene	15.01	165	127754	50.248	ng	99
58) Fluorene	15.69	166	405207	51.293	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.19	232	124252	50.203	ng	97
60) Diethylphthalate	15.46	149	394657	47.964	ng	99
61) 4-Chlorophenyl-phenylether	15.68	204	229760	49.855	ng	95
62) 4-Nitroaniline	15.72	138	82919	46.744	ng	93
63) Azobenzene	15.98	77	333369	50.061	ng	97
65) 4,6-Dinitro-2-methylphenol	15.78	198	59473	40.860	ng	92
66) n-Nitrosodiphenylamine	15.90	169	349865	50.104	ng	96
67) 4-Bromophenyl-phenylether	16.58	248	161557	48.537	ng	95
68) Hexachlorobenzene	16.70	284	183757	48.095	ng	97
69) Atrazine	16.85	200	128585	52.995	ng	96
70) Pentachlorophenol	17.05	266	180786	103.843	ng	97
71) Phenanthrene	17.43	178	628630	49.635	ng	97
72) Anthracene	17.53	178	651394	51.405	ng	99
73) Carbazole	17.80	167	574948	50.104	ng	99
74) Di-n-butylphthalate	18.34	149	669099	48.055	ng	99
75) Fluoranthene	19.44	202	797505	48.300	ng	100
77) Benzidine	19.64	184	167275	32.402	ng	97
78) Pyrene	19.81	202	803127	50.581	ng	99
80) Butylbenzylphthalate	20.69	149	300794	50.003	ng	98
81) Benzo(a)anthracene	21.64	228	830948	51.715	ng	100
82) 3,3'-Dichlorobenzidine	21.56	252	278102	44.749	ng	97
83) Chrysene	21.71	228	811468	50.829	ng	97
84) Bis(2-ethylhexyl)phthalate	21.54	149	445168	52.096	ng	99
85) Di-n-octyl phthalate	22.74	149	769495	53.078	ng	100
86) Indeno(1,2,3-cd)pyrene	28.52	276	971063	48.457	ng	98
88) Benzo(b)fluoranthene	23.85	252	870827	50.170	ng	100
89) Benzo(k)fluoranthene	23.91	252	919972	52.648	ng	99
90) Benzo(a)pyrene	24.71	252	809066	48.812	ng	99
91) Dibenzo(a,h)anthracene	28.57	278	847559	49.992	ng	98
92) Benzo(g,h,i)perylene	29.65	276	744427	44.514	ng	98

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

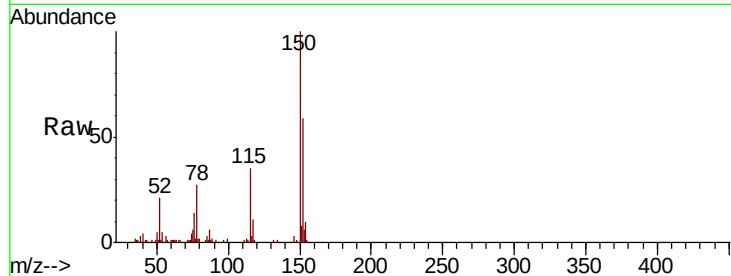


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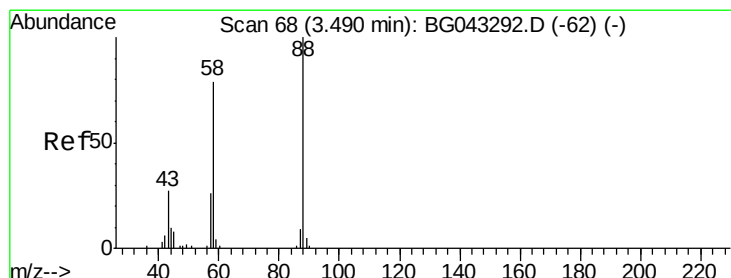
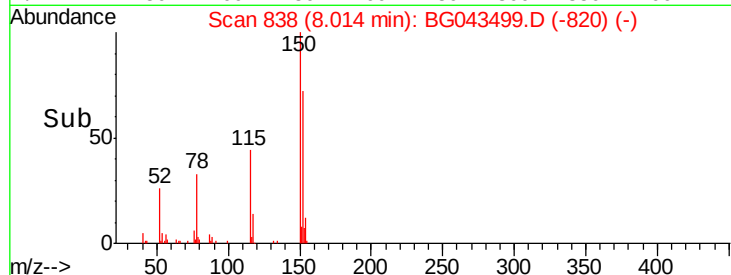
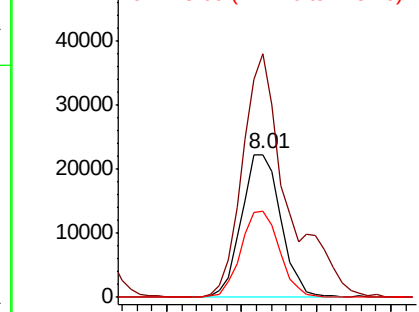
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.01 min
Lab File: BG043499.D
Acq: 5 Nov 2019 3:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 40773
Ion Ratio Lower Upper
152 100
150 170.6 129.4 194.0
115 60.4 48.8 73.2



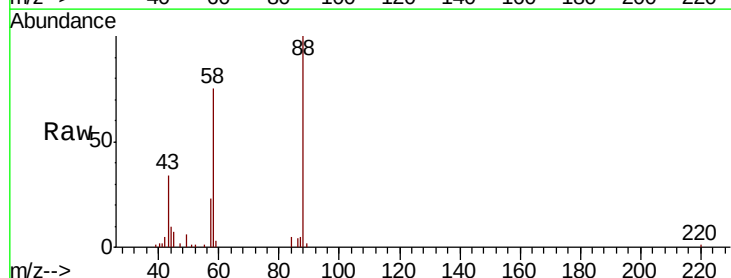
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



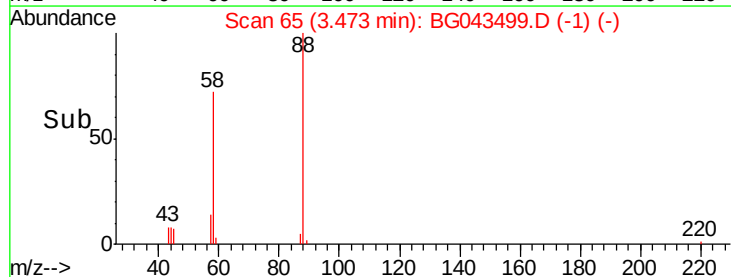
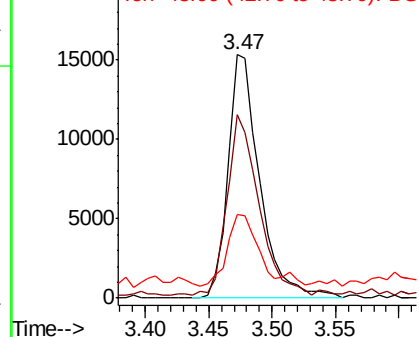
#2

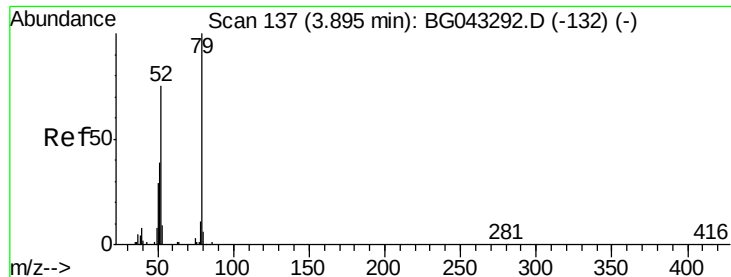
1,4-Dioxane
Concen: 30.496 ng
RT: 3.47 min Scan# 65
Delta R.T. 0.00 min
Lab File: BG043499.D
Acq: 5 Nov 2019 3:36

Tgt Ion: 88 Resp: 26443
Ion Ratio Lower Upper
88 100
58 75.1 62.7 94.1
43 27.7 23.7 35.5



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 16.081 ng

RT: 3.88 min Scan# 134

Delta R.T. 0.00 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

Instrument :

BNA_G

ClientSampleId :

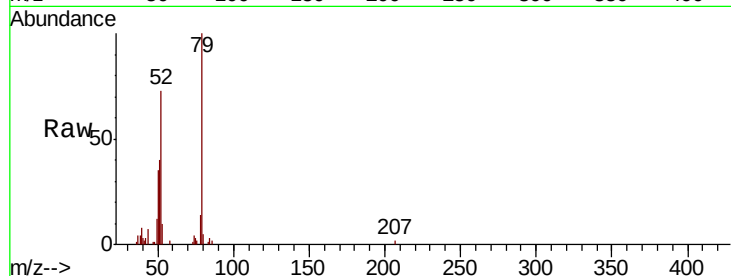
Tot Ion: 79 Resp: 35174

Ion Ratio Lower Upper

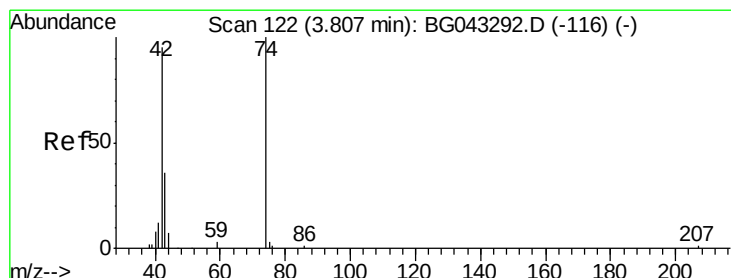
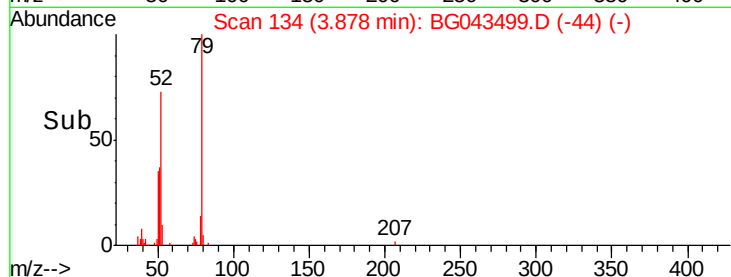
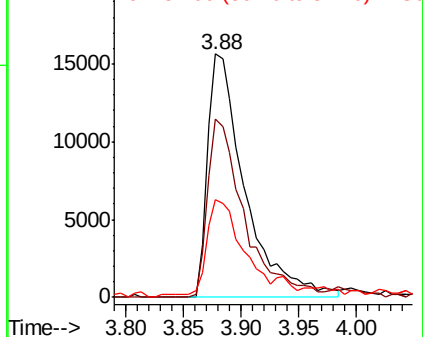
79 100

52 73.3 56.5 84.7

51 40.2 33.2 49.8



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



#4

n-Nitrosodimethylamine

Concen: 34.017 ng

RT: 3.79 min Scan# 119

Delta R.T. 0.00 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

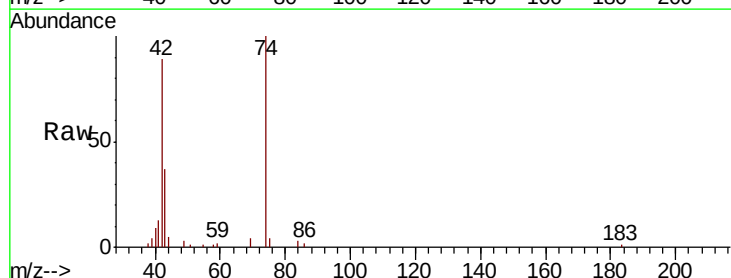
Tgt Ion: 42 Resp: 37545

Ion Ratio Lower Upper

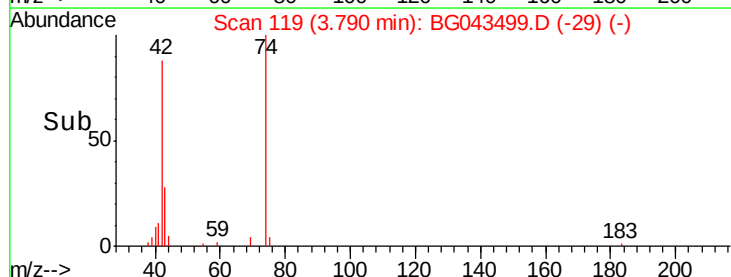
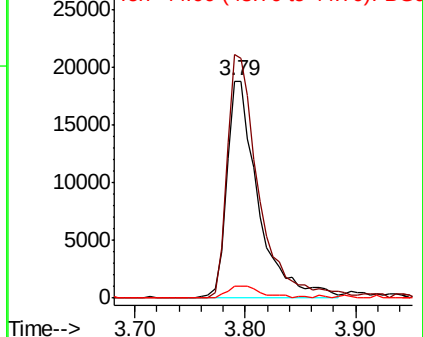
42 100

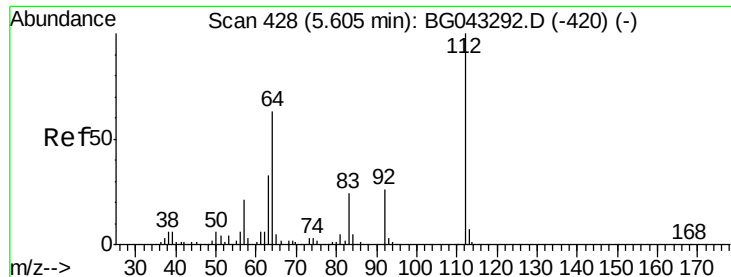
74 112.0 97.3 145.9

44 5.3 4.4 6.6



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





#5

2-Fluorophenol

Concen: 113.849 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.01 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

Instrument :

BNA_G

ClientSampleId :

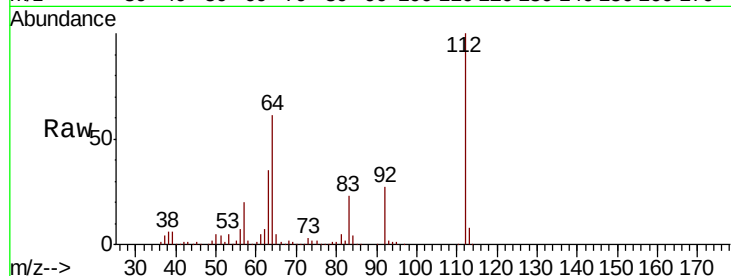
Tot Ion:112 Resp: 253321

Ion Ratio Lower Upper

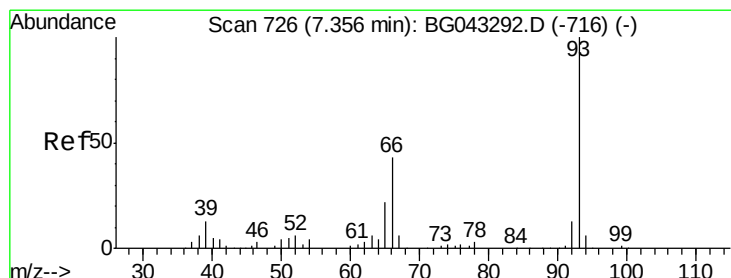
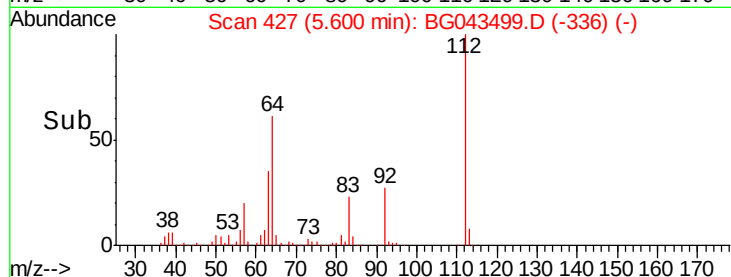
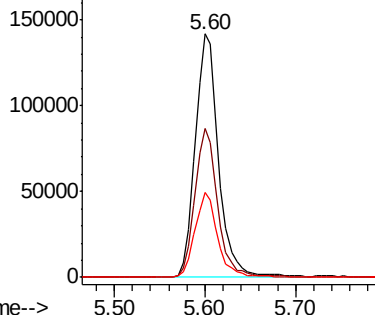
112 100

64 61.0 50.0 75.0

63 34.8 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: 16.729 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.01 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

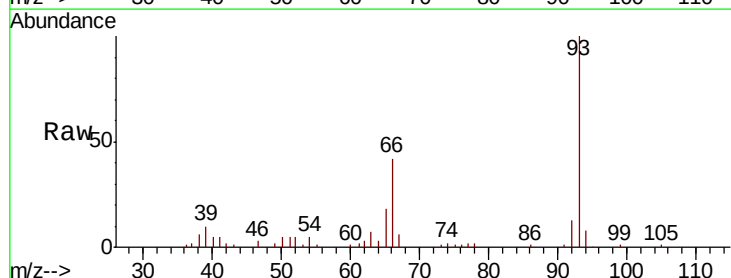
Tgt Ion: 93 Resp: 61692

Ion Ratio Lower Upper

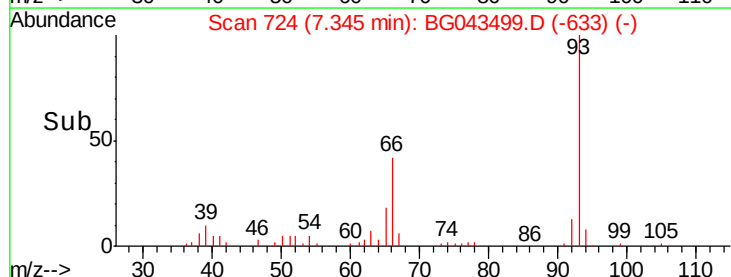
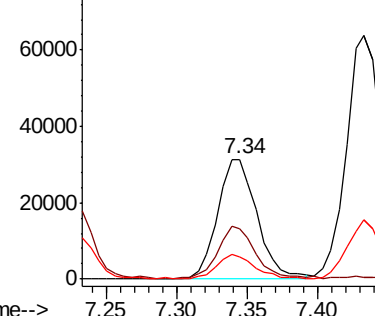
93 100

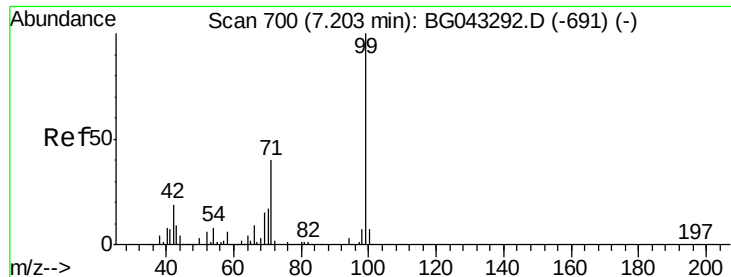
66 42.4 32.3 48.5

65 18.1 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: 74.935 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

Instrument :

BNA_G

ClientSampleId :

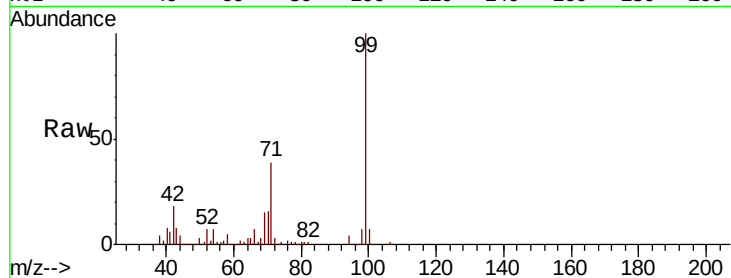
Tot Ion: 99 Resp: 239891

Ion Ratio Lower Upper

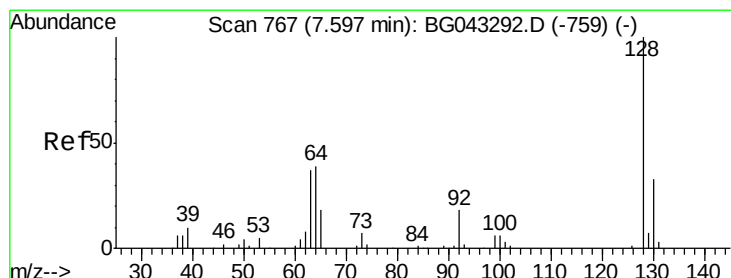
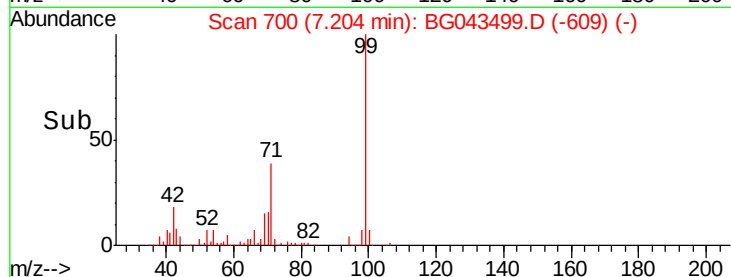
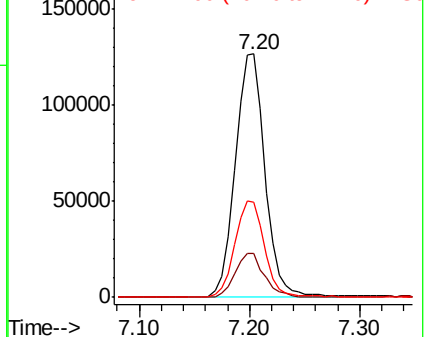
99 100

42 18.2 14.6 21.8

71 39.2 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: 52.395 ng

RT: 7.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

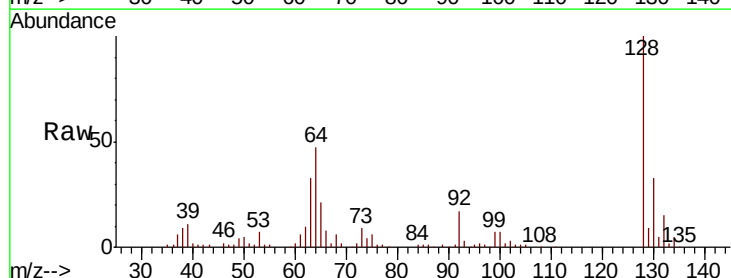
Tgt Ion: 128 Resp: 128692

Ion Ratio Lower Upper

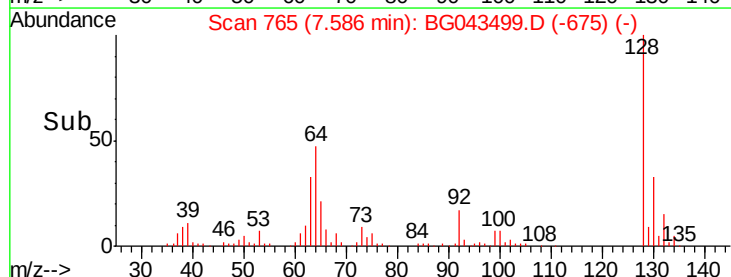
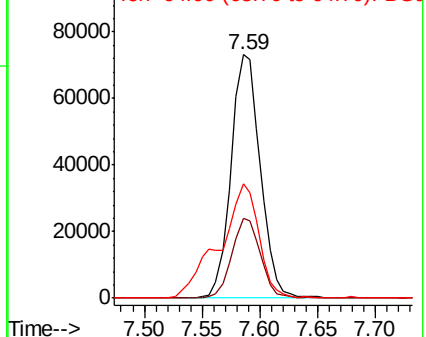
128 100

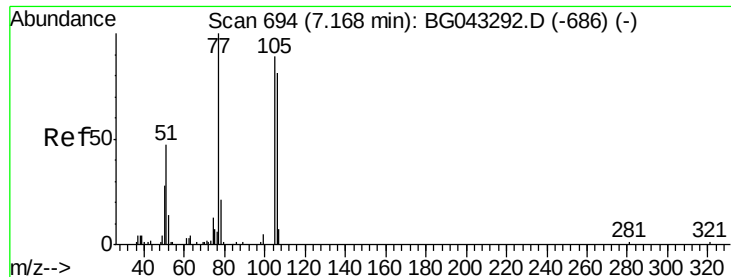
130 32.9 12.5 52.5

64 47.1 25.3 65.3



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





#9

Benzaldehyde

Concen: 25.037 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

Instrument :

BNA_G

ClientSampleId :

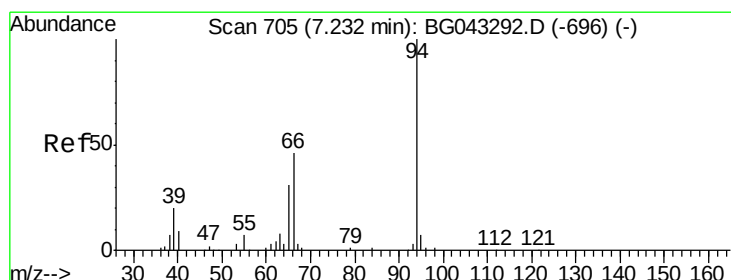
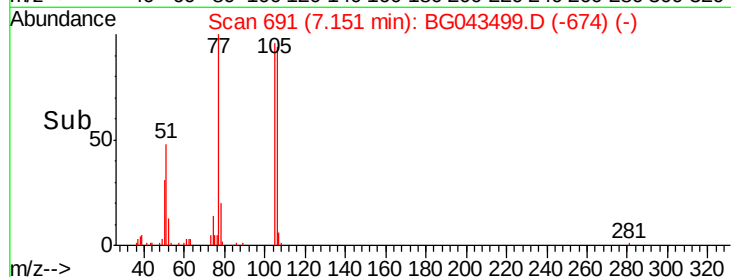
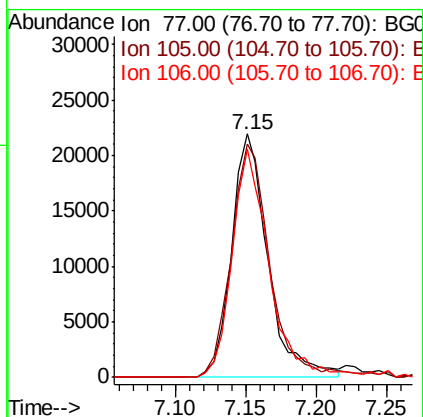
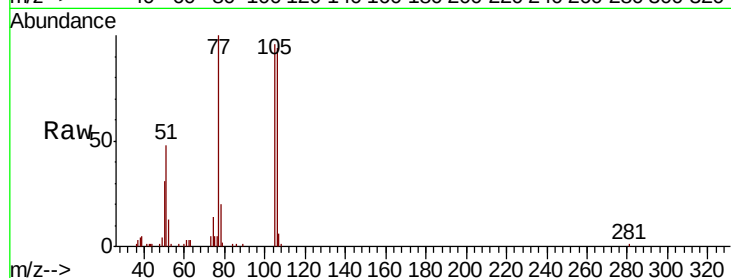
Tot Ion: 77 Resp: 39390

Ion Ratio Lower Upper

77 100

105 96.0 68.6 108.6

106 93.7 69.9 109.9



#10

Phenol

Concen: 27.367 ng

RT: 7.23 min Scan# 704

Delta R.T. 0.01 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

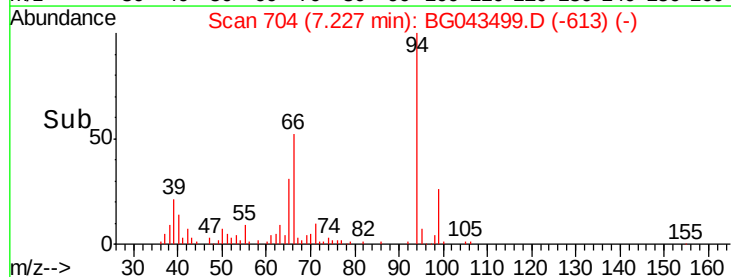
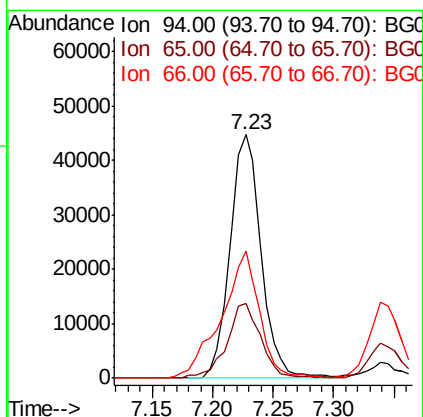
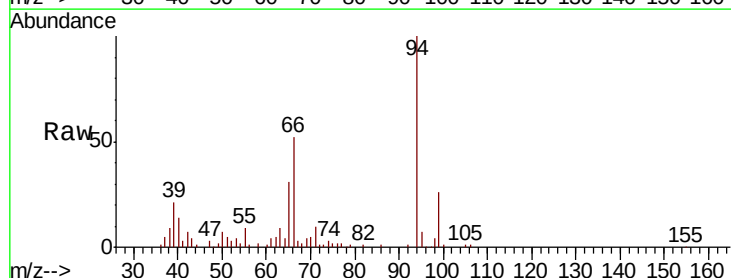
Tgt Ion: 94 Resp: 80059

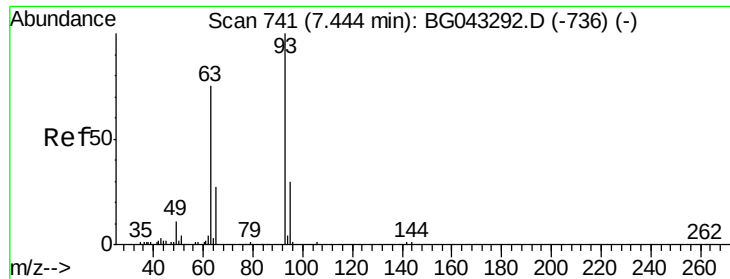
Ion Ratio Lower Upper

94 100

65 30.7 12.6 52.6

66 52.0 30.7 70.7

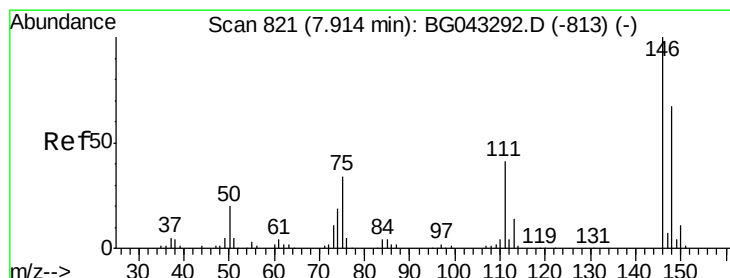
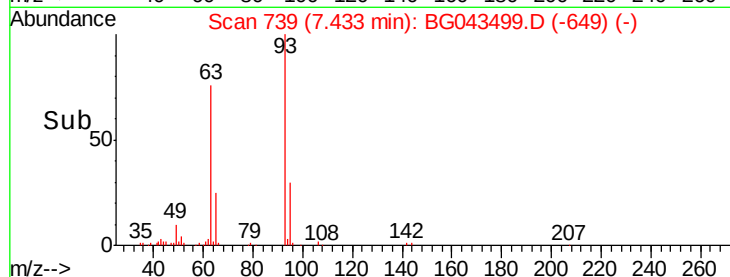
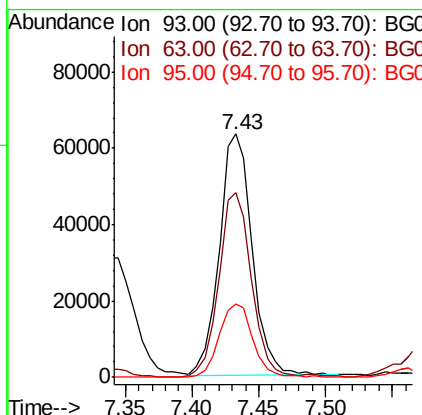
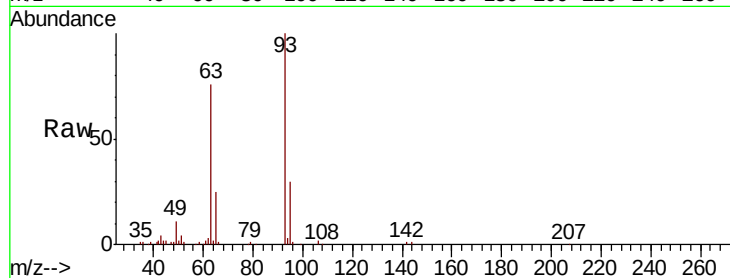




#11
bis(2-Chloroethyl)ether
Concen: 48.281 ng
RT: 7.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BG043499.D
Acq: 5 Nov 2019 3:36

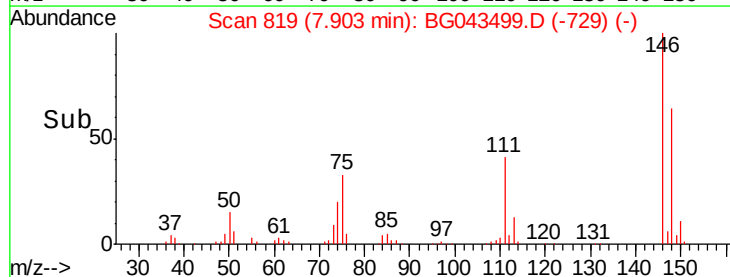
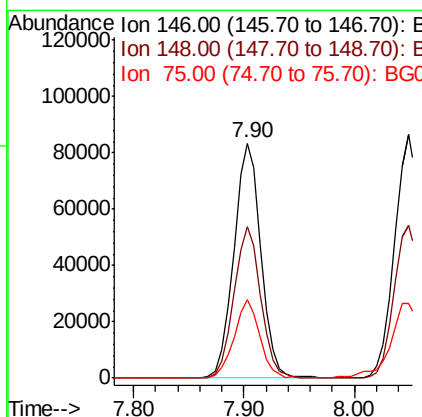
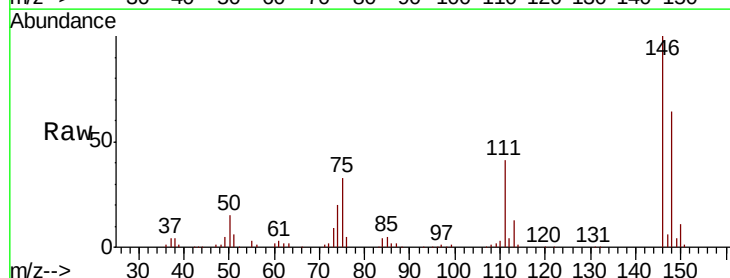
Instrument :
BNA_G
ClientSampleId :

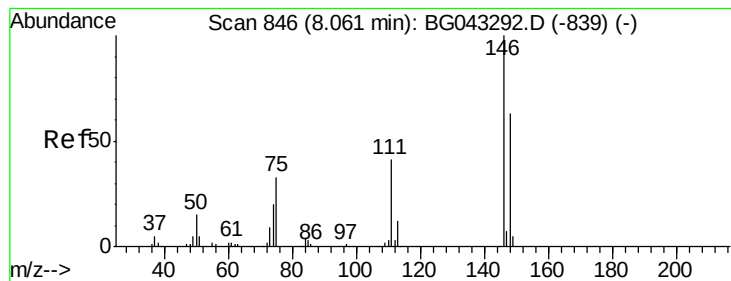
Tot Ion	93	Resp	109198
Ion Ratio	100	Lower	Upper
63	75.9	56.3	96.3
95	30.4	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 46.484 ng
RT: 7.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BG043499.D
Acq: 5 Nov 2019 3:36

Tgt Ion	146	Resp	143051
Ion Ratio	100	Lower	Upper
148	64.2	50.3	75.5
75	33.2	24.6	37.0





#13

1,4-Dichlorobenzene

Concen: 46.266 ng

RT: 8.05 min Scan# 844

Delta R.T. 0.01 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

Instrument :

BNA_G

ClientSampled :

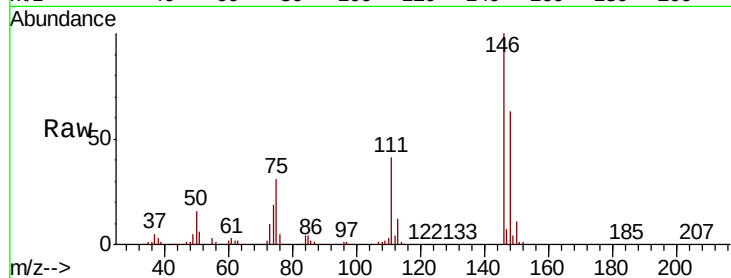
Tot Ion:146 Resp: 144055

Ion Ratio Lower Upper

146 100

148 62.7 50.7 76.1

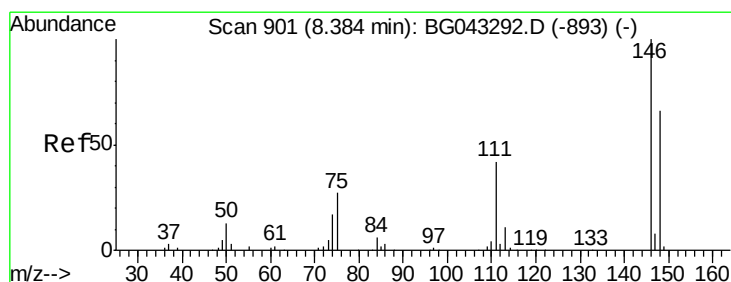
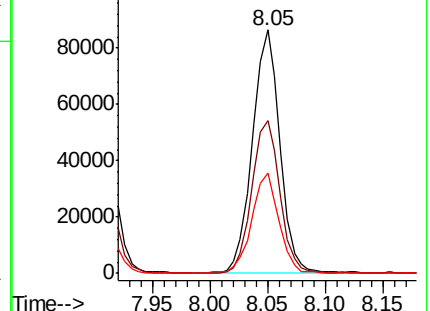
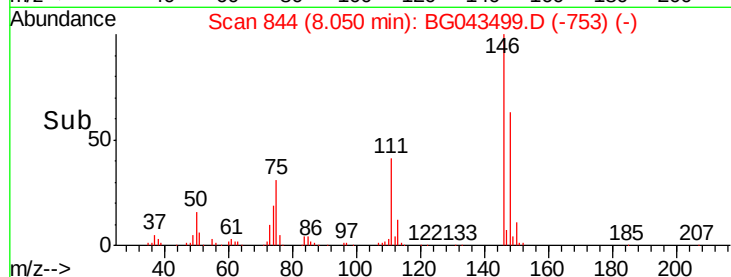
111 41.1 33.4 50.2



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: 45.602 ng

RT: 8.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

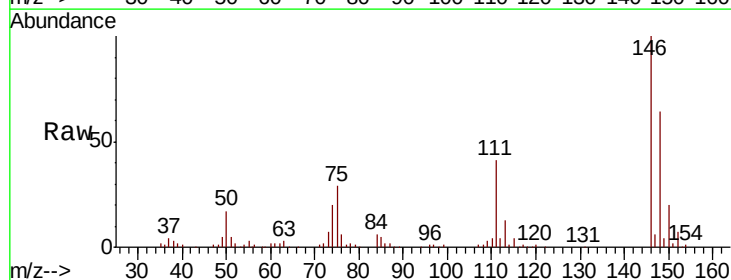
Tgt Ion:146 Resp: 138633

Ion Ratio Lower Upper

146 100

148 63.7 53.2 79.8

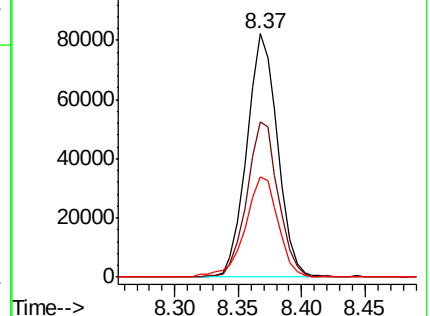
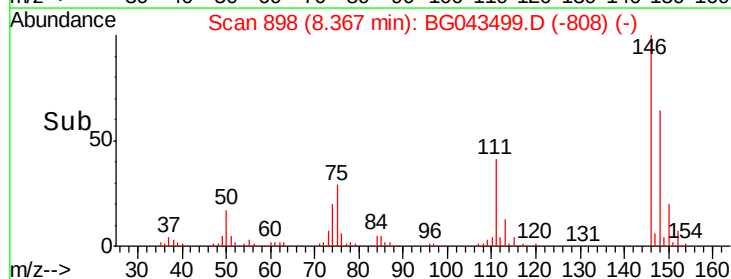
111 40.9 35.8 53.6

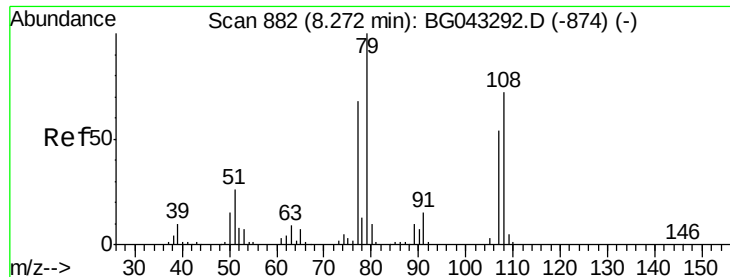


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.429 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.01 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

Instrument :

BNA_G

ClientSampleId :

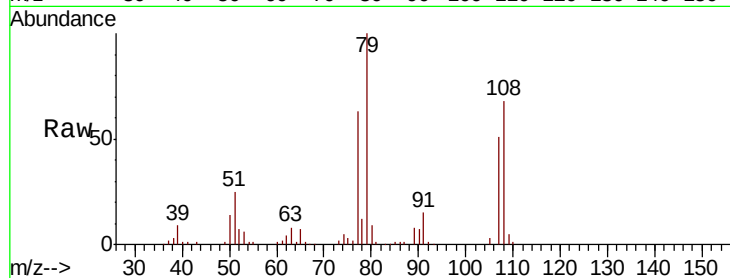
Tot Ion: 79 Resp: 99891

Ion Ratio Lower Upper

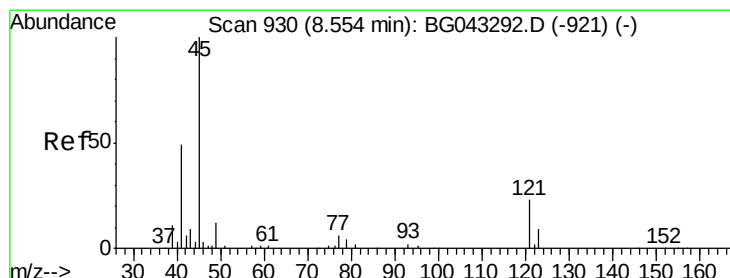
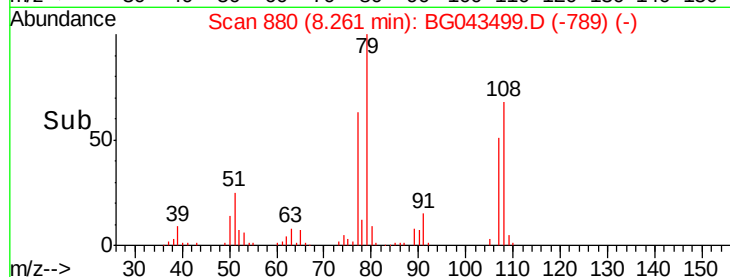
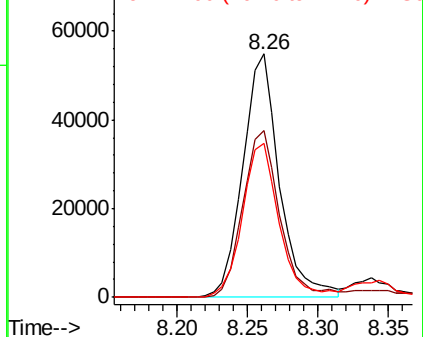
79 100

108 68.3 53.6 80.4

77 63.4 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: 43.214 ng

RT: 8.54 min Scan# 927

Delta R.T. -0.00 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

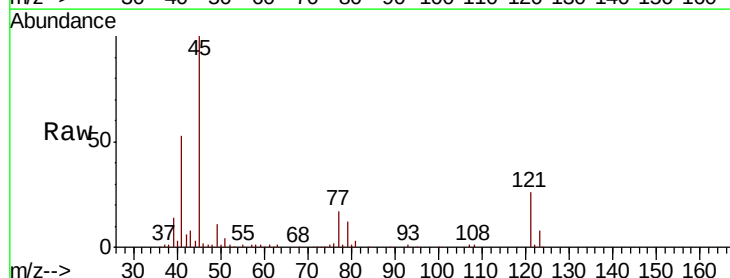
Tgt Ion: 45 Resp: 142118

Ion Ratio Lower Upper

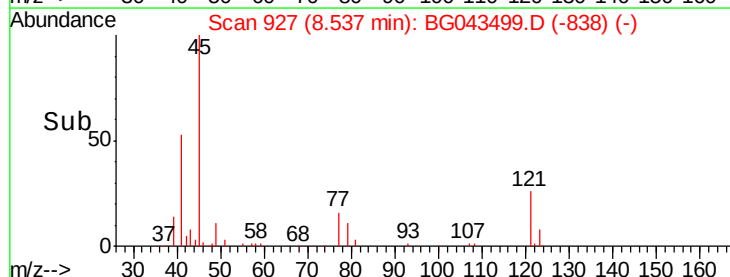
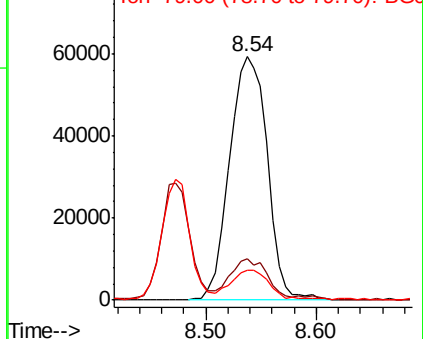
45 100

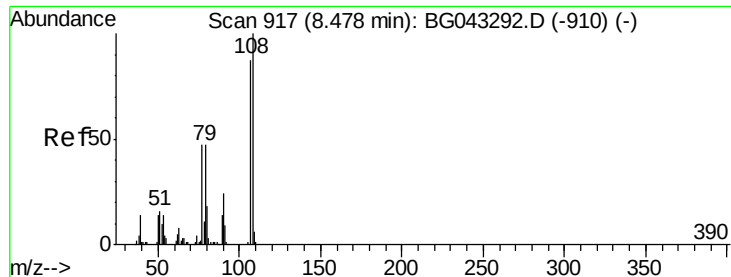
77 17.0 0.0 34.9

79 12.2 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: 47.345 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.01 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 100968

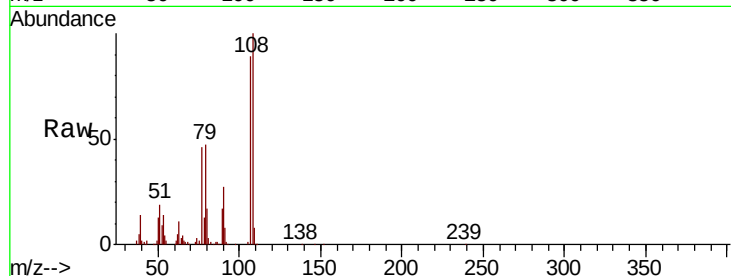
Ion Ratio Lower Upper

107 100

108 112.2 90.2 135.4

77 51.4 40.2 60.2

79 53.1 44.0 66.0

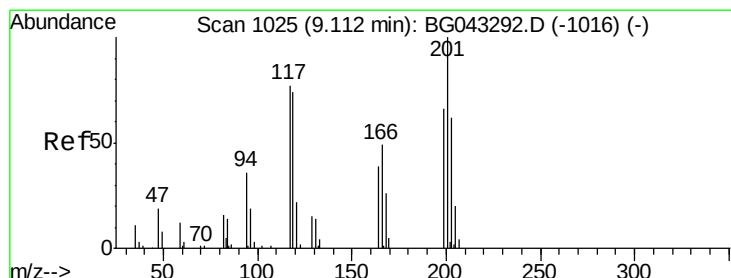
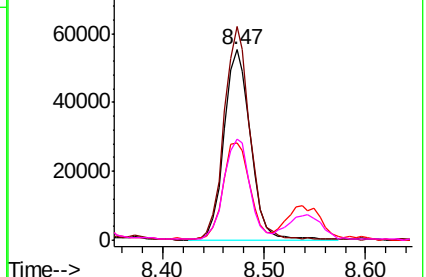
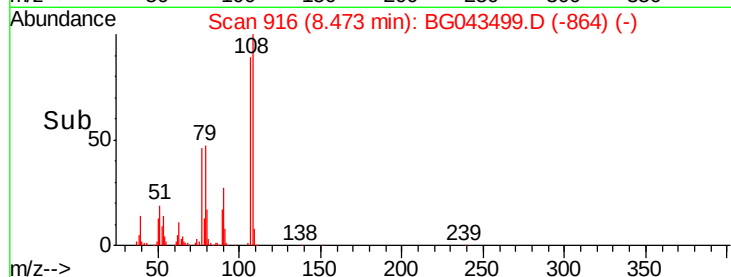


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 43.630 ng

RT: 9.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

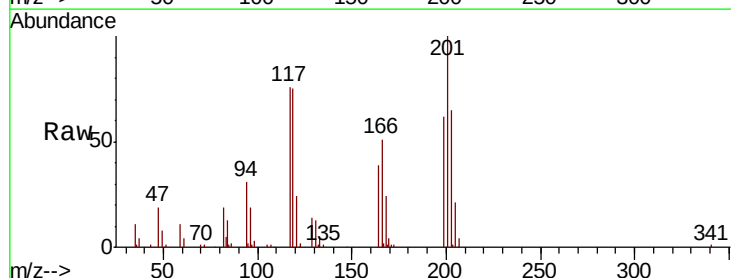
Tgt Ion:117 Resp: 49012

Ion Ratio Lower Upper

117 100

119 98.7 79.0 118.4

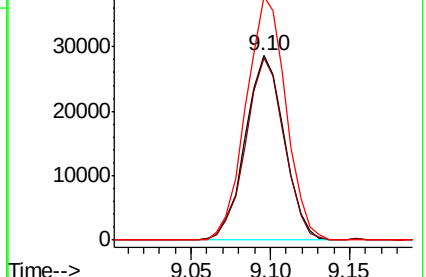
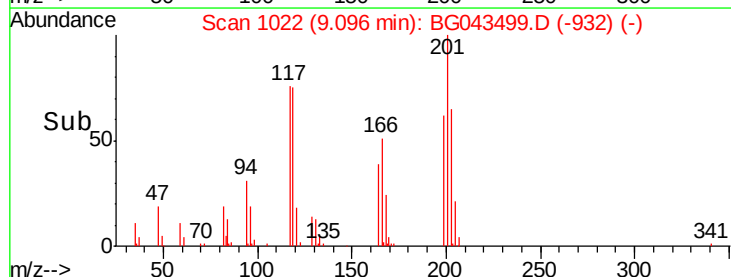
201 132.0 105.4 158.2

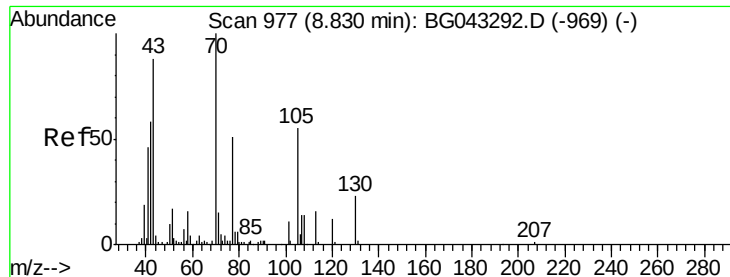


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

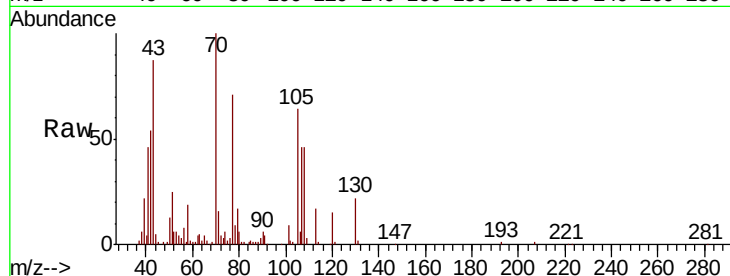




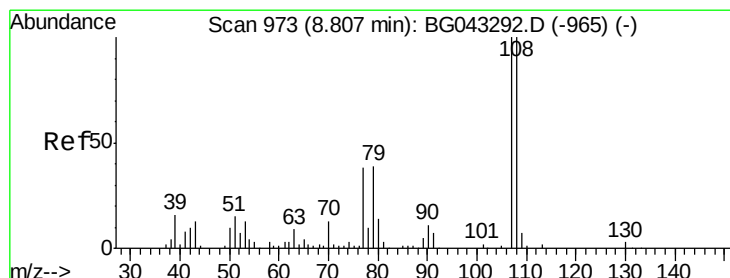
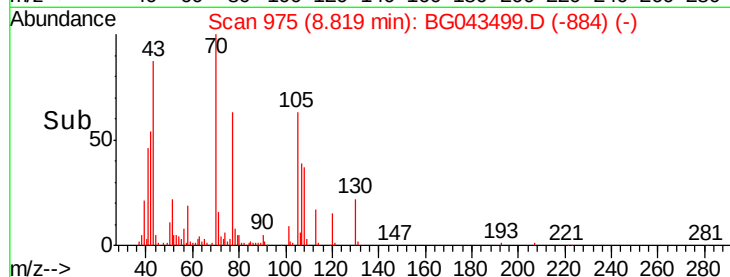
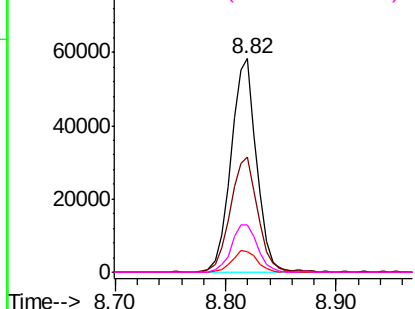
#19
n-Nitroso-di-n-propylamine
Concen: 45.664 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BG043499.D
Acq: 5 Nov 2019 3:36

Instrument :
BNA_G
ClientSampled :

Tot Ion: 70 Resp: 94463
Ion Ratio Lower Upper
70 100
42 54.2 41.4 62.2
101 9.4 7.9 11.9
130 22.4 19.0 28.4

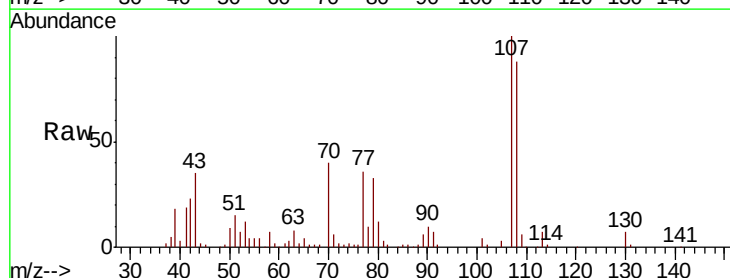


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

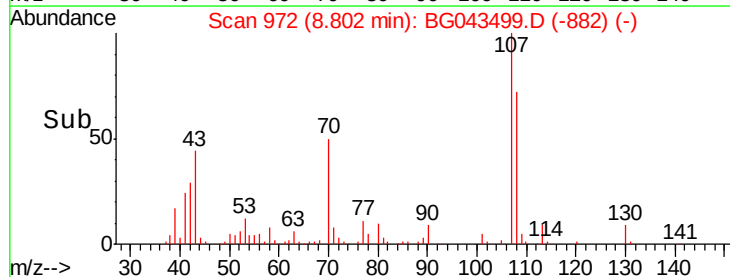
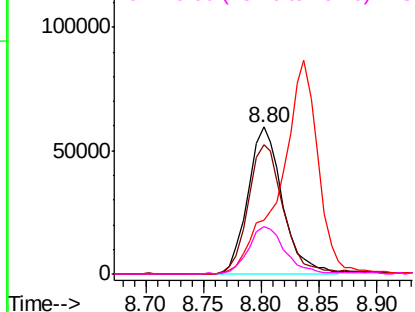


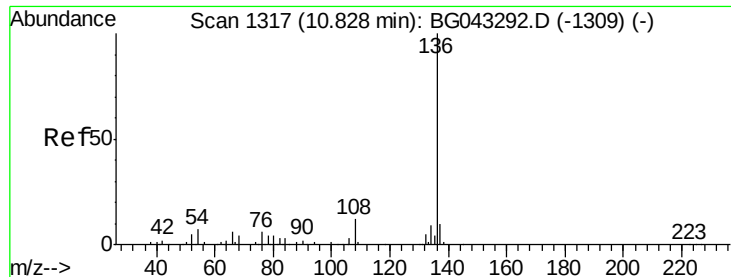
#20
3+4-Methylphenols
Concen: 42.386 ng
RT: 8.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BG043499.D
Acq: 5 Nov 2019 3:36

Tgt Ion: 107 Resp: 123949
Ion Ratio Lower Upper
107 100
108 88.0 66.6 106.6
77 36.3 20.9 60.9
79 32.6 11.3 51.3



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 159777

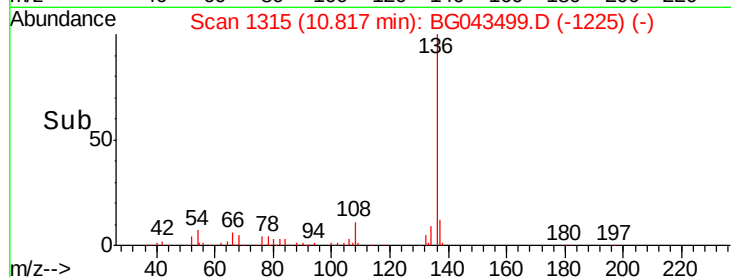
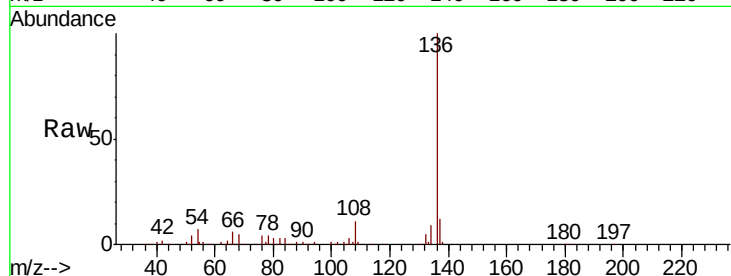
Ion Ratio Lower Upper

136 100

137 12.0 8.7 13.1

54 6.8 5.4 8.2

68 4.6 3.0 4.4#

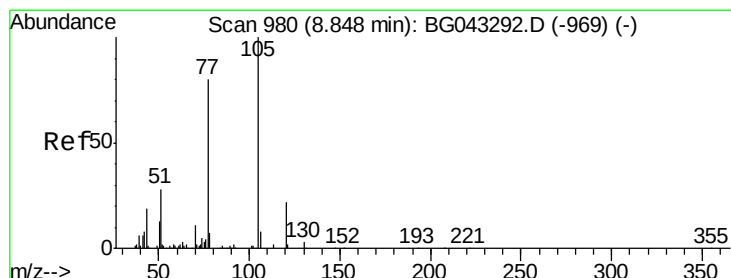
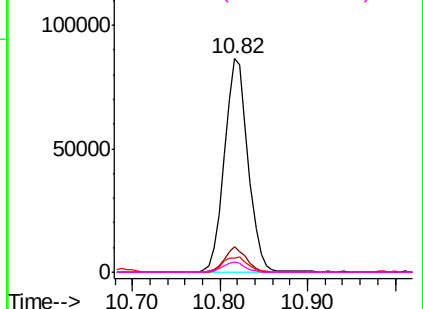


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 47.432 ng

RT: 8.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

Tgt Ion:105 Resp: 194080

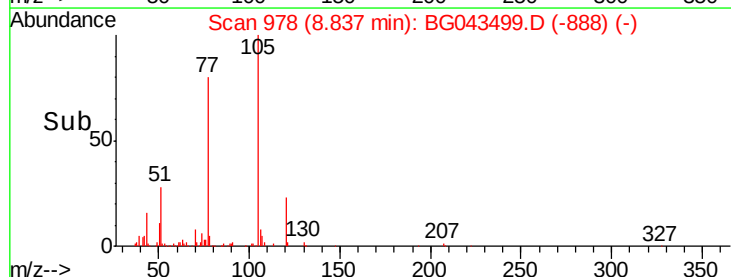
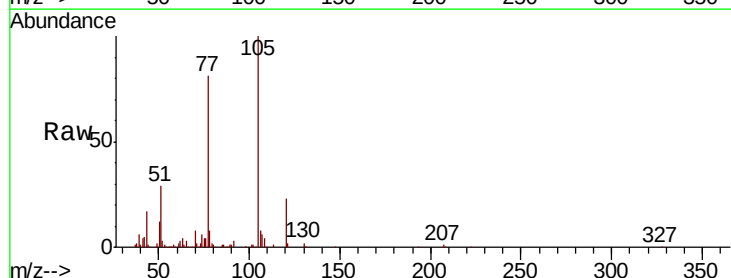
Ion Ratio Lower Upper

105 100

71 1.7 0.8 1.2#

51 28.6 21.0 31.4

120 22.5 18.0 27.0

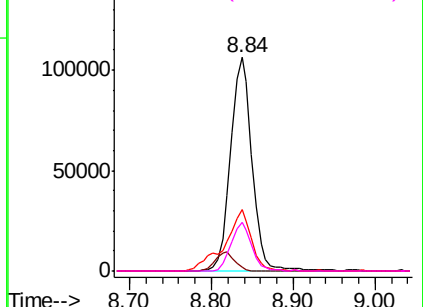


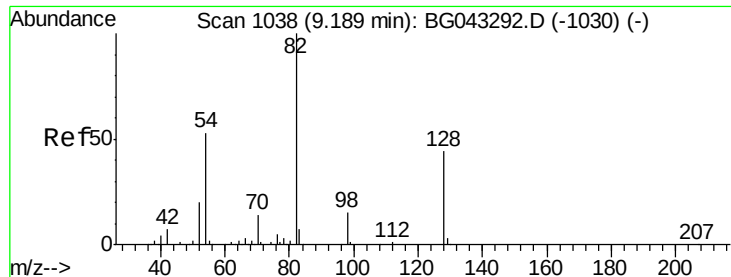
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

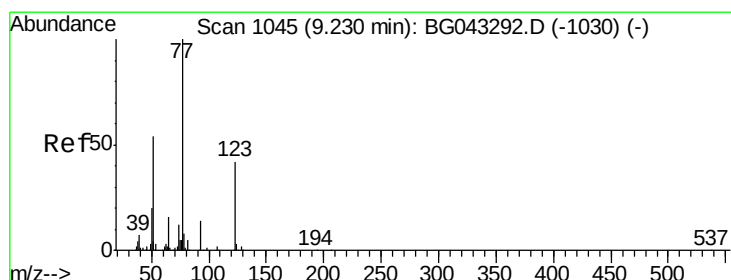
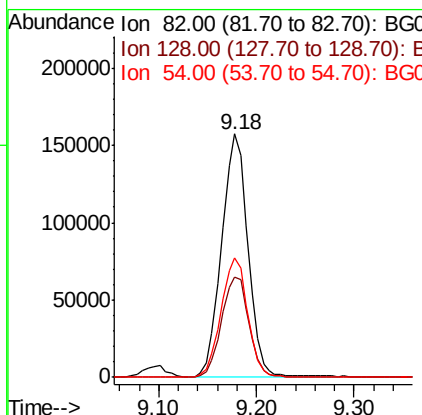
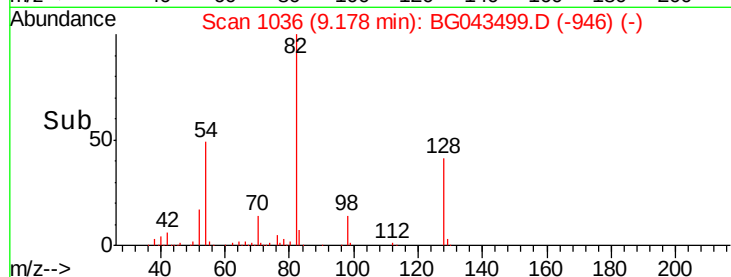
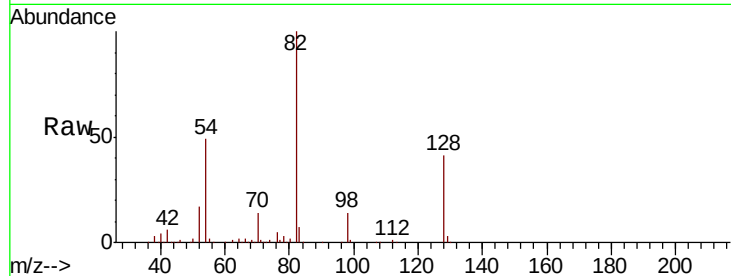




#23
 Nitrobenzene-d5
 Concen: 94.931 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BG043499.D
 Acq: 5 Nov 2019 3:36

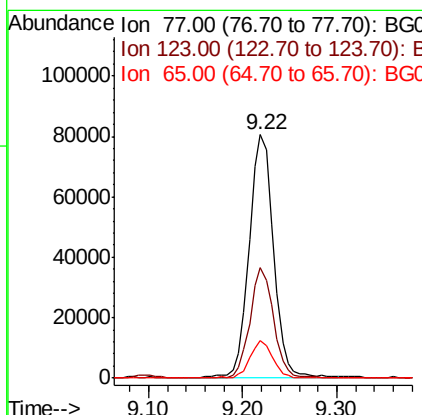
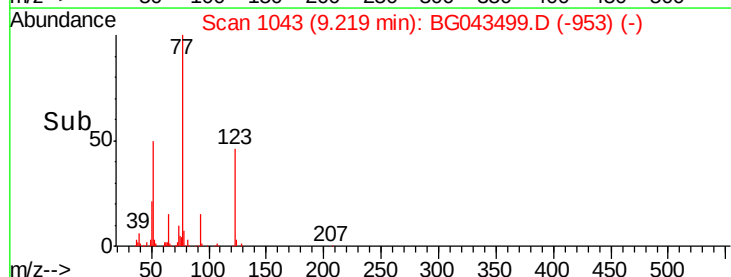
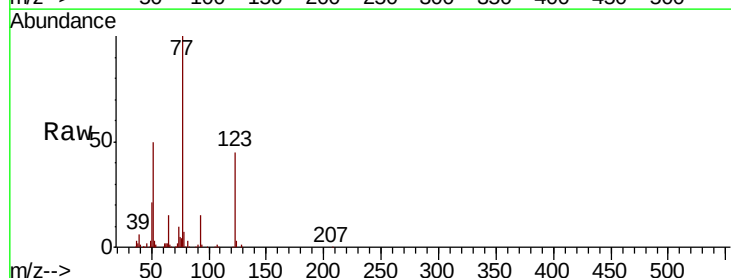
Instrument :
 BNA_G
 ClientSampleId :

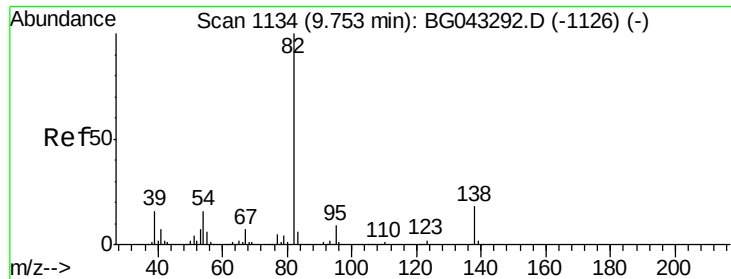
Tot Ion	82	Resp	294209
Ion Ratio	Lower	Upper	
82	100		
128	41.0	35.0	52.6
54	49.2	40.2	60.2



#24
 Nitrobenzene
 Concen: 49.399 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG043499.D
 Acq: 5 Nov 2019 3:36

Tgt Ion	77	Resp	145841
Ion Ratio	Lower	Upper	
77	100		
123	45.4	35.0	52.6
65	15.3	9.5	14.3#





#25

Isophorone

Concen: 46.927 ng

RT: 9.74 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

Instrument :

BNA_G

ClientSampleId :

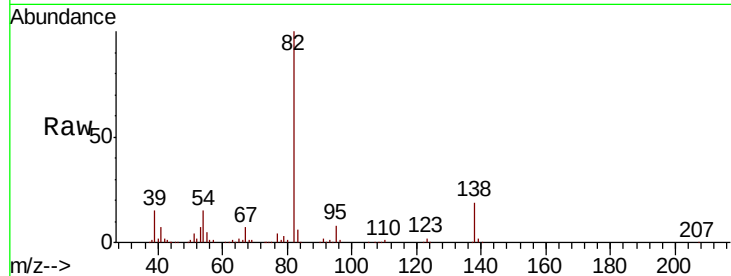
Tot Ion: 82 Resp: 265895

Ion Ratio Lower Upper

82 100

95 8.5 6.6 9.8

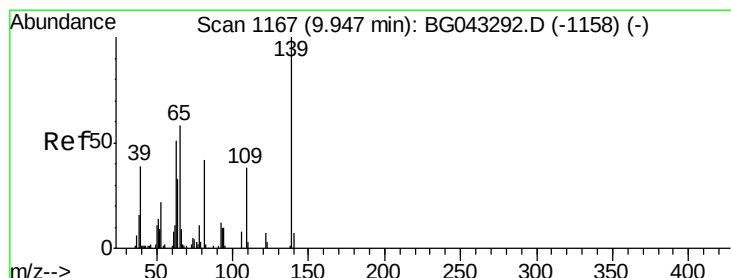
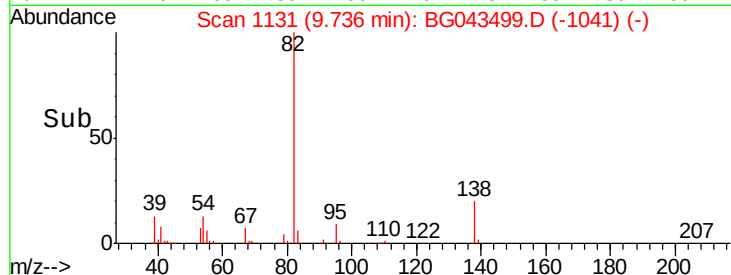
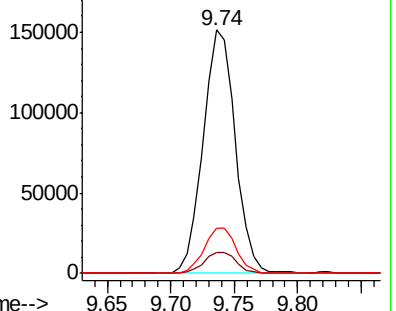
138 18.7 15.2 22.8



Abundance Ion 82.00 (81.70 to 82.70): BG043292.D (-1126) (-)

Ion 95.00 (94.70 to 95.70): BG043292.D (-1126) (-)

Ion 138.00 (137.70 to 138.70): BG043292.D (-1126) (-)



#26

2-Nitrophenol

Concen: 52.589 ng

RT: 9.93 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

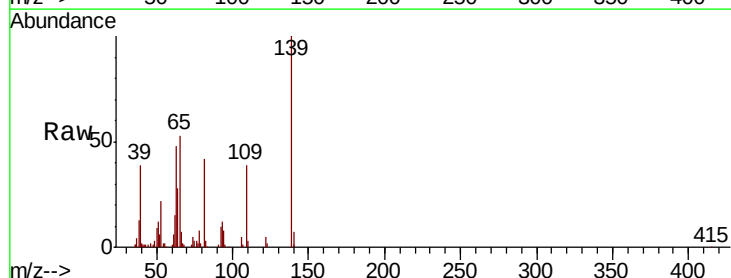
Tgt Ion: 139 Resp: 74956

Ion Ratio Lower Upper

139 100

109 39.1 26.5 39.7

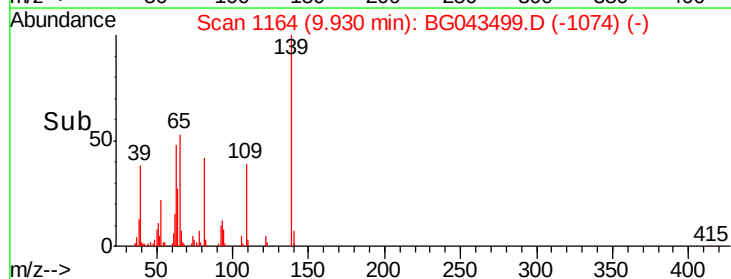
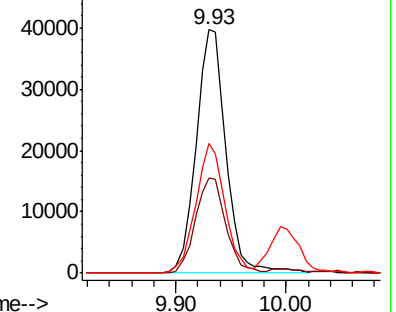
65 53.5 43.8 65.8

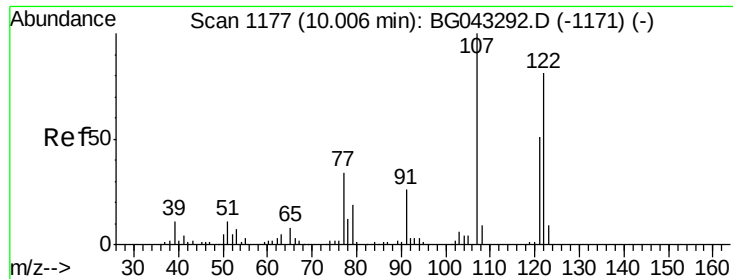


Abundance Ion 139.00 (138.70 to 139.70): BG043292.D (-1158) (-)

Ion 109.00 (108.70 to 109.70): BG043292.D (-1158) (-)

Ion 65.00 (64.70 to 65.70): BG043292.D (-1158) (-)

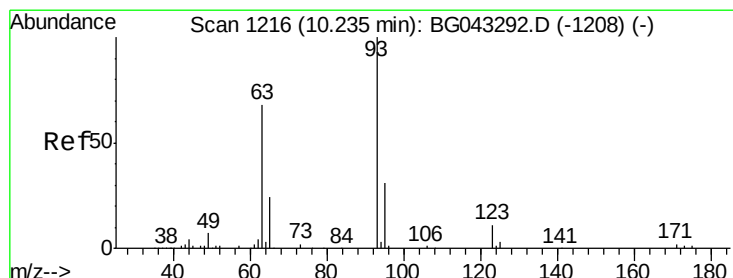
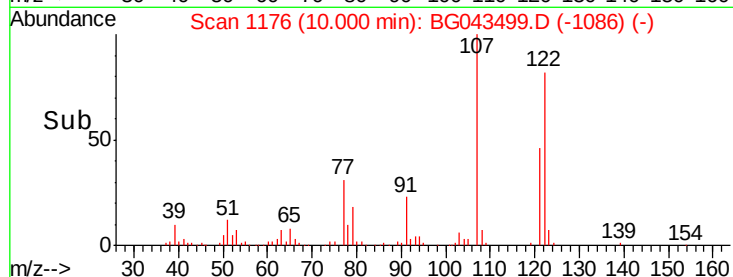
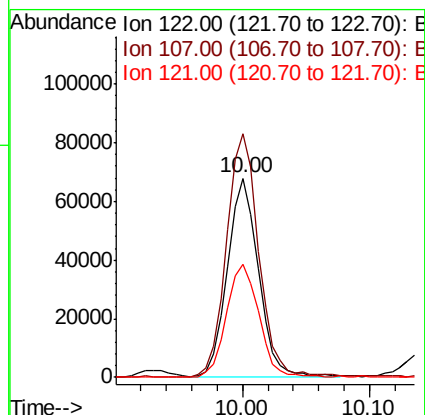
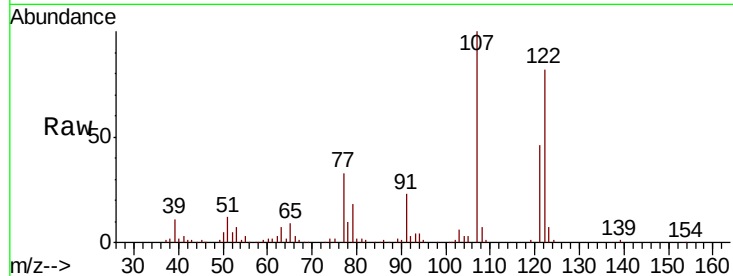




#27
 2,4-Dimethylphenol
 Concen: 55.991 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BG043499.D
 Acq: 5 Nov 2019 3:36

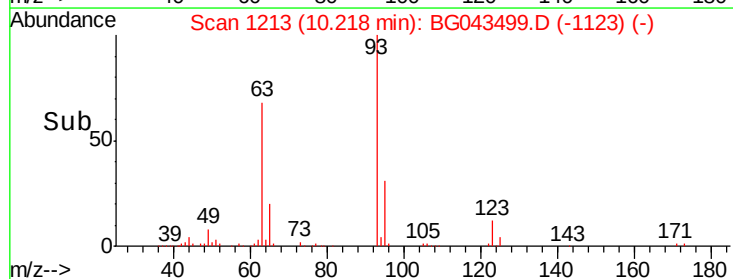
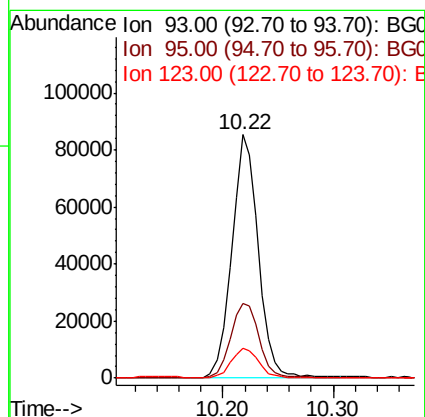
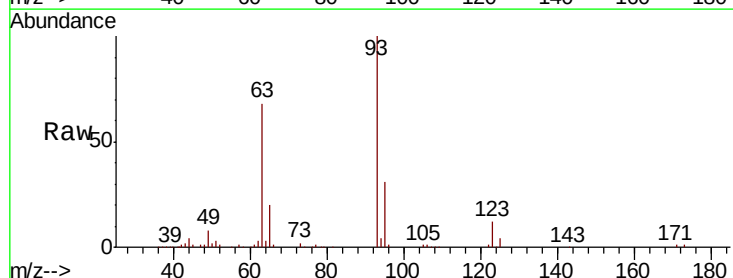
Instrument :
 BNA_G
 ClientSampleId :

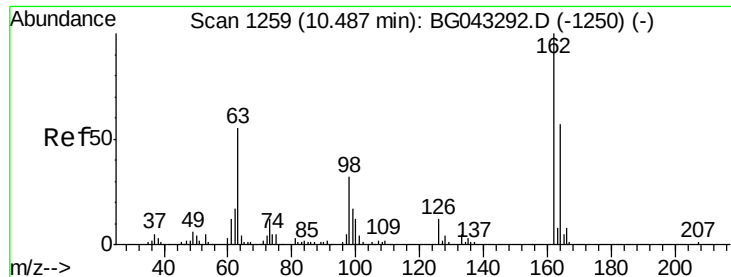
Tot Ion:122 Resp: 114383
 Ion Ratio Lower Upper
 122 100
 107 122.1 104.4 156.6
 121 56.8 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.873 ng
 RT: 10.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BG043499.D
 Acq: 5 Nov 2019 3:36

Tgt Ion: 93 Resp: 143456
 Ion Ratio Lower Upper
 93 100
 95 30.9 26.0 39.0
 123 12.3 10.6 15.8

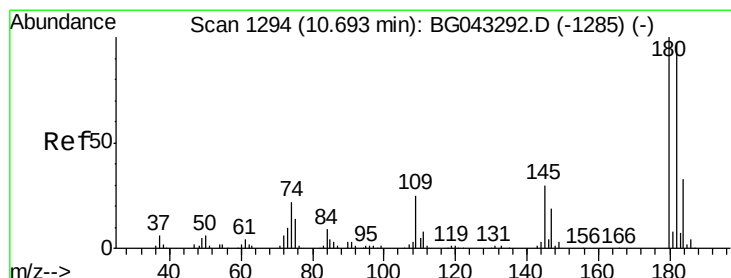
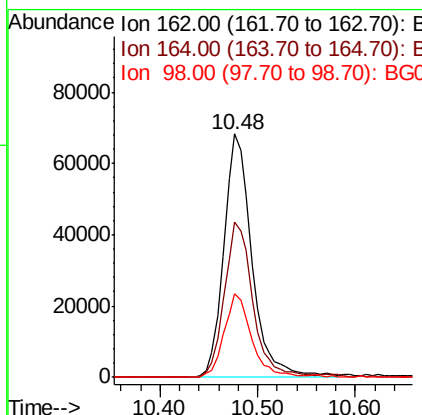
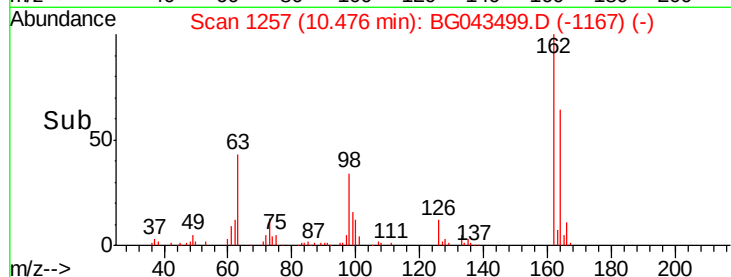
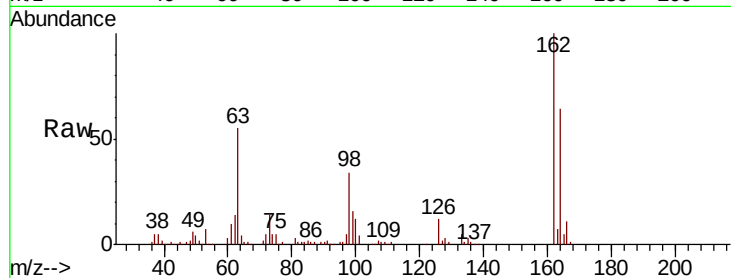




#29
2,4-Dichlorophenol
Concen: 52.326 ng
RT: 10.48 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BG043499.D
Acq: 5 Nov 2019 3:36

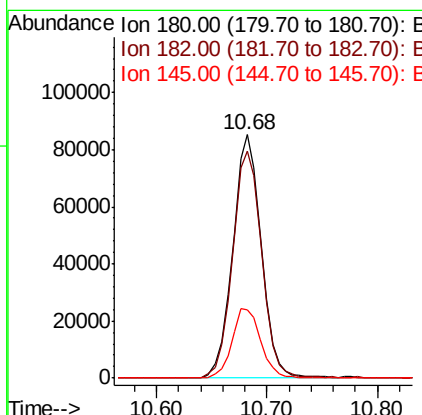
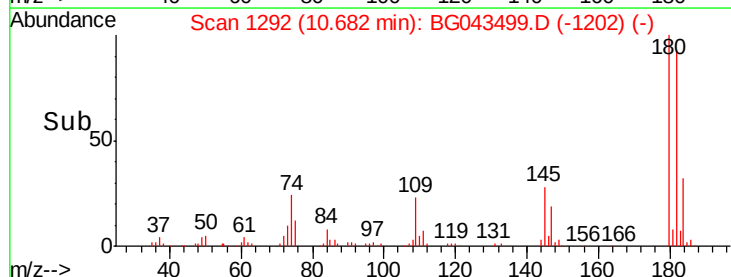
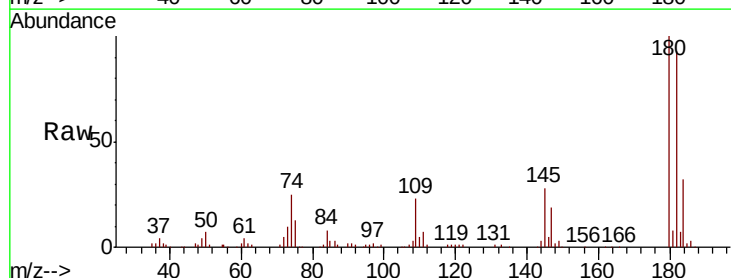
Instrument :
BNA_G
ClientSampleId :

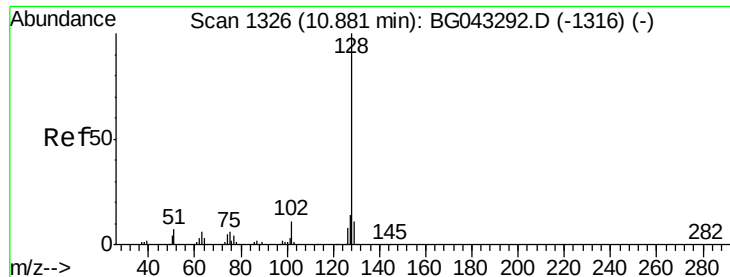
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	48.9	88.9
98	34.3	15.1	55.1



#30
1,2,4-Trichlorobenzene
Concen: 46.744 ng
RT: 10.68 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BG043499.D
Acq: 5 Nov 2019 3:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	75.1	112.7
145	27.8	23.9	35.9

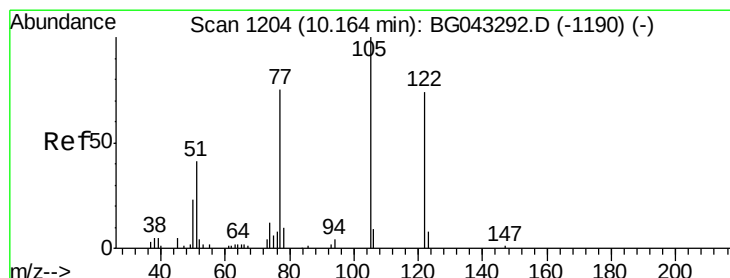
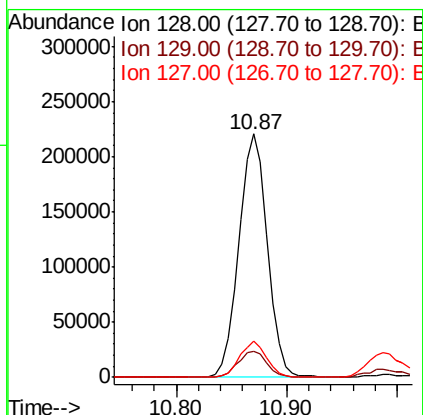
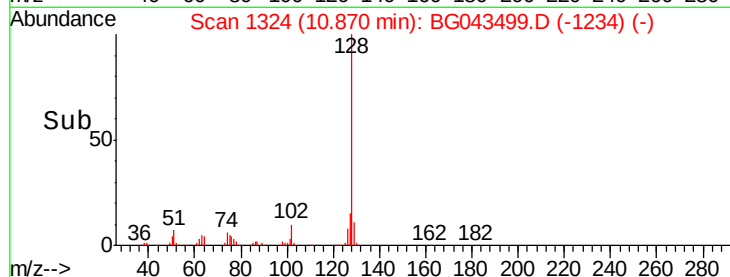
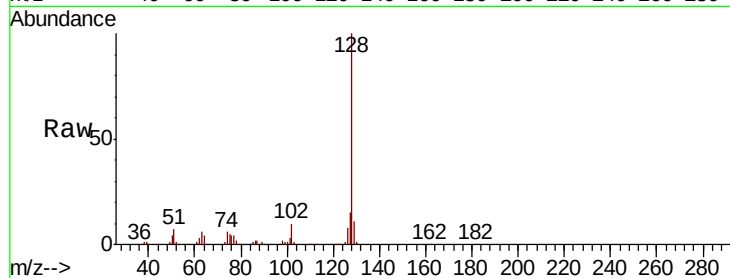




#31
Naphthalene
Concen: 49.318 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG043499.D
Acq: 5 Nov 2019 3:36

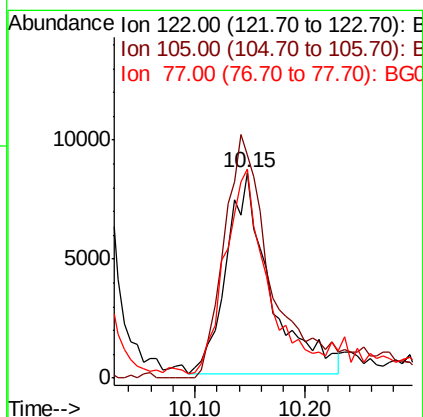
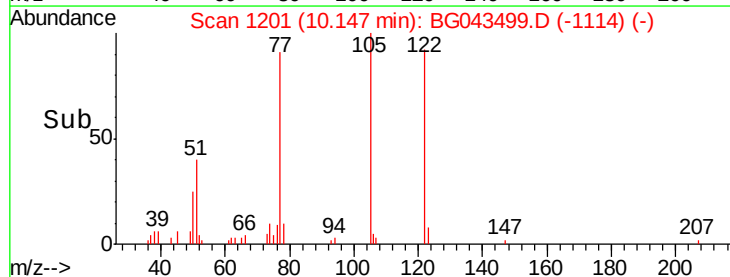
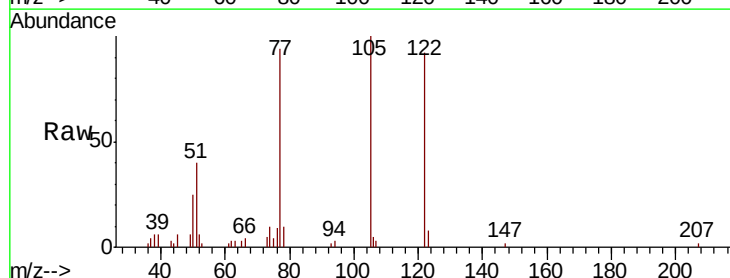
Instrument :
BNA_G
ClientSampled :

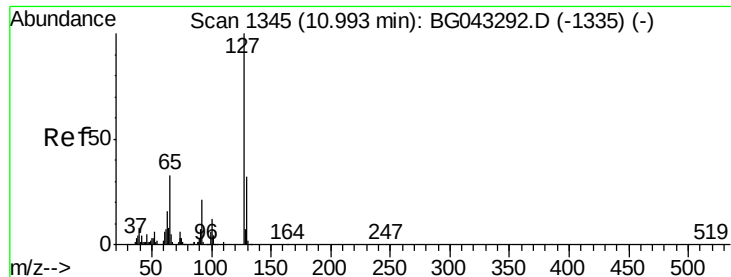
Tot Ion:128 Resp: 399976
Ion Ratio Lower Upper
128 100
129 10.5 9.4 14.0
127 15.0 11.1 16.7



#32
Benzoic acid
Concen: 21.275 ng
RT: 10.15 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BG043499.D
Acq: 5 Nov 2019 3:36

Tgt Ion:122 Resp: 23502
Ion Ratio Lower Upper
122 100
105 108.3 103.3 143.3
77 101.6 84.9 124.9

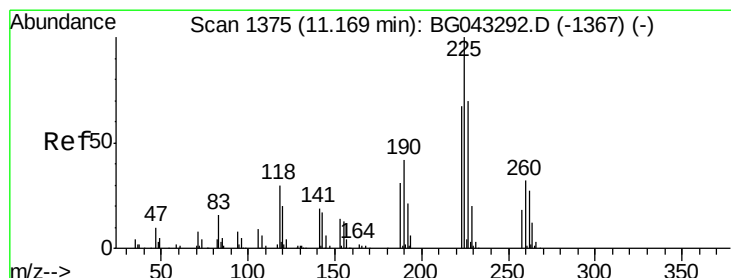
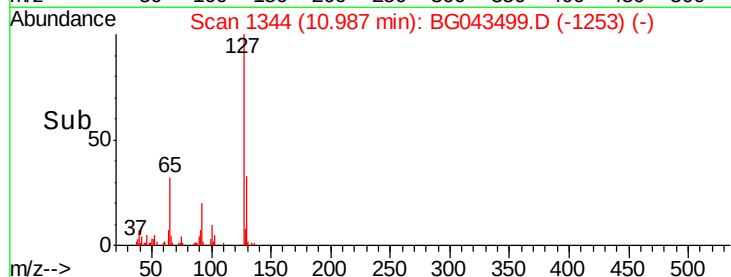
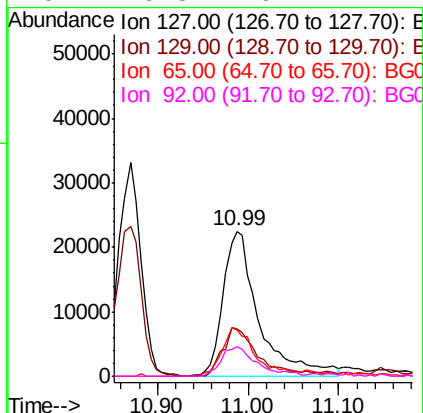
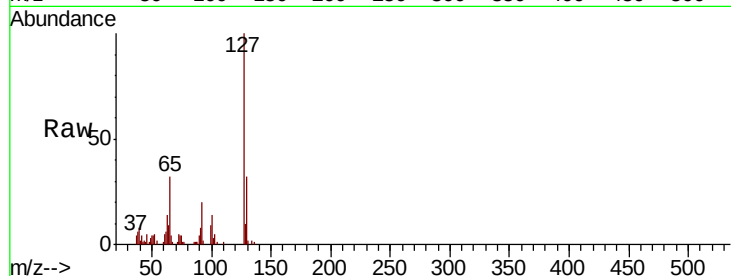




#33
4-Chloroaniline
Concen: 18.500 ng
RT: 10.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BG043499.D
Acq: 5 Nov 2019 3:36

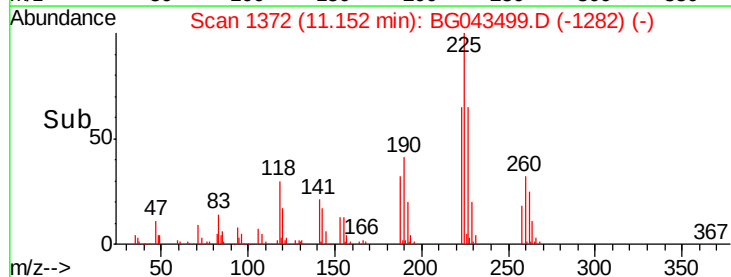
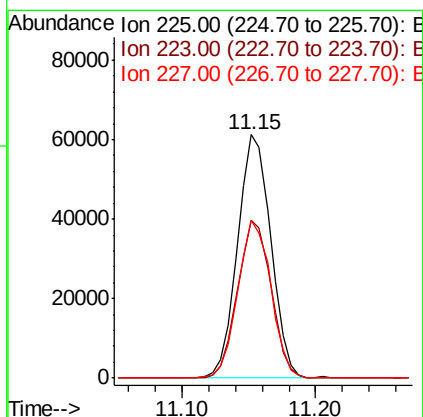
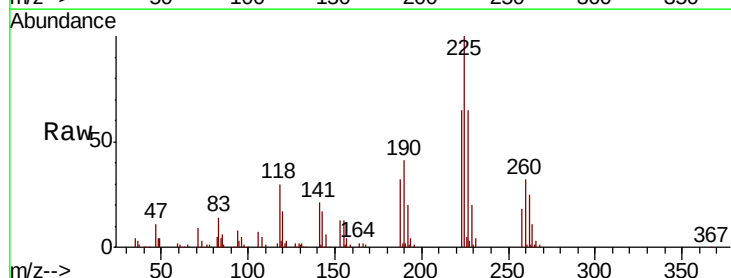
Instrument :
BNA_G
ClientSampled :

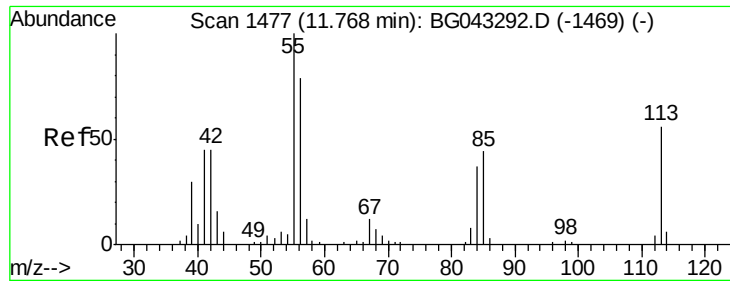
Tot Ion:127	Resp:	61502
Ion Ratio	Lower	Upper
127	100	
129	32.5	26.5 39.7
65	31.9	26.4 39.6
92	20.3	16.2 24.2



#34
Hexachlorobutadiene
Concen: 43.171 ng
RT: 11.15 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BG043499.D
Acq: 5 Nov 2019 3:36

Tgt Ion:225	Resp:	105281
Ion Ratio	Lower	Upper
225	100	
223	64.7	52.7 79.1
227	64.7	54.8 82.2





#35

Caprolactam

Concen: 10.383 ng

RT: 11.76 min Scan# 1475

Delta R.T. 0.01 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

Instrument :

BNA_G

ClientSampleId :

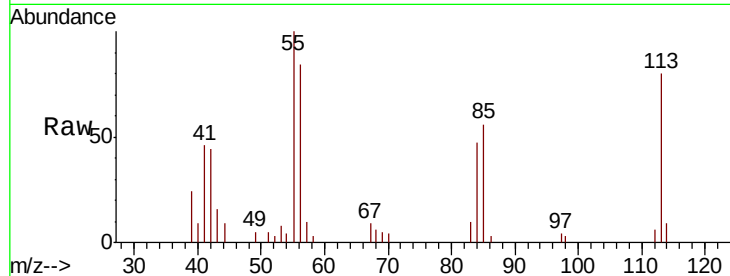
Tot Ion:113 Resp: 9360

Ion Ratio Lower Upper

113 100

55 124.3 134.1 174.1#

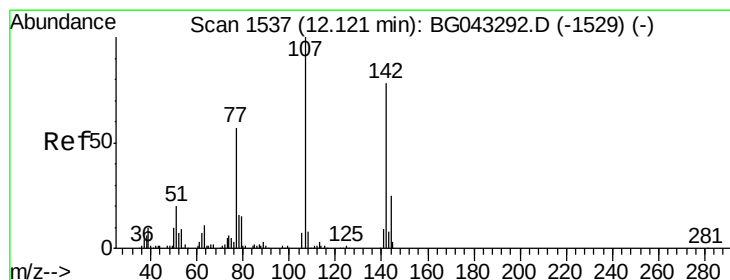
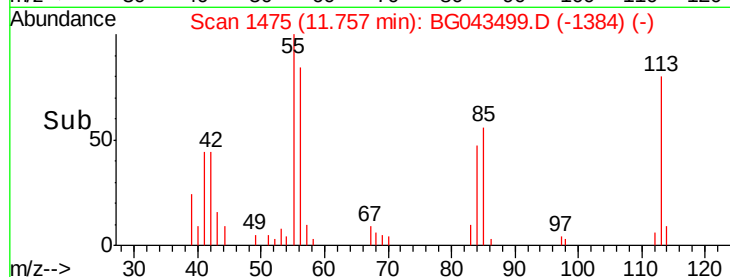
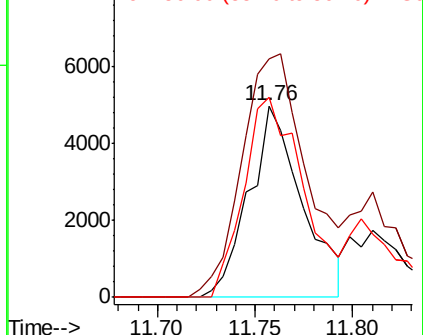
56 104.3 100.4 140.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 51.260 ng

RT: 12.12 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

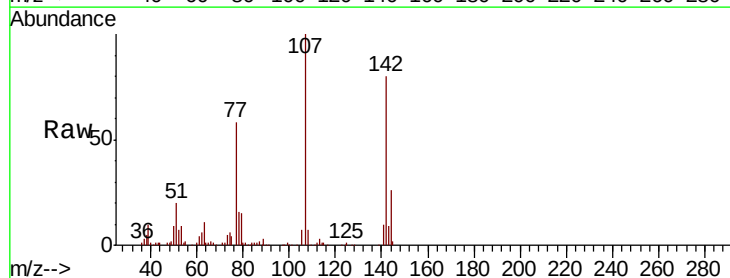
Tgt Ion:107 Resp: 146355

Ion Ratio Lower Upper

107 100

144 26.4 20.9 31.3

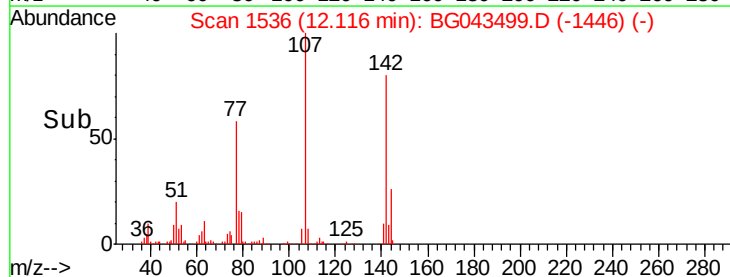
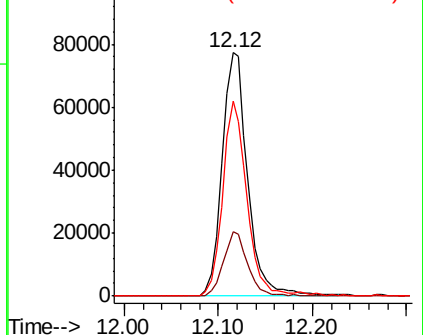
142 80.1 59.6 89.4

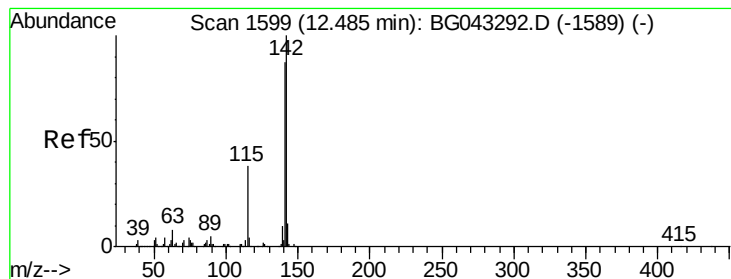


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 48.671 ng

RT: 12.47 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

Instrument :

BNA_G

ClientSampleId :

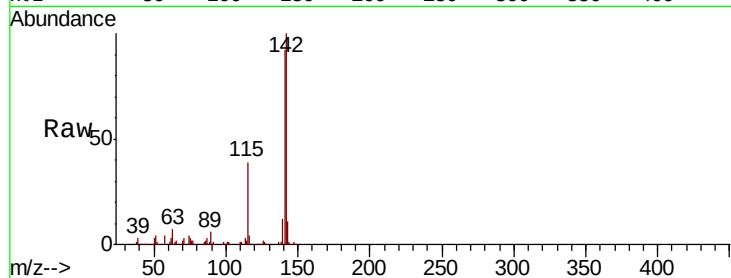
Tot Ion:142 Resp: 302870

Ion Ratio Lower Upper

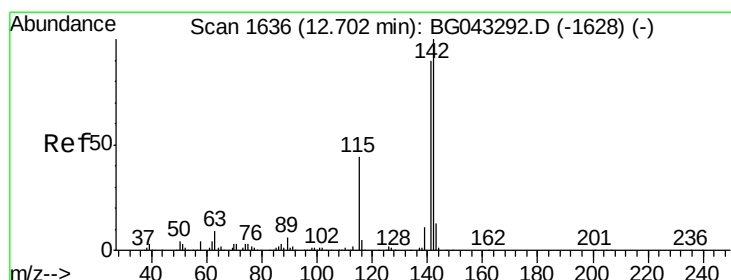
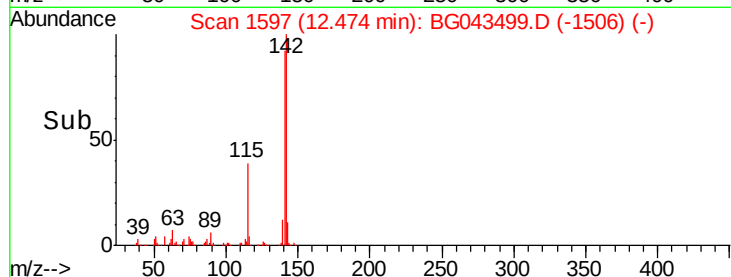
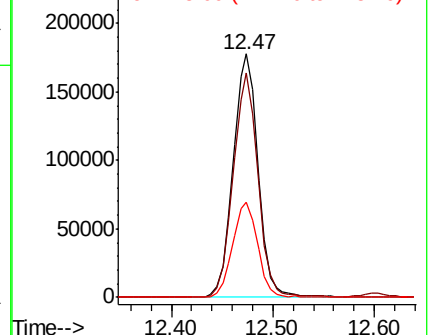
142 100

141 92.0 72.2 108.2

115 39.3 33.2 49.8



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



#38

1-Methylnaphthalene

Concen: 48.036 ng

RT: 12.69 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

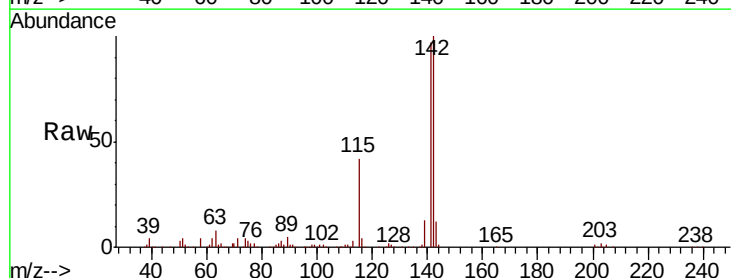
Tgt Ion:142 Resp: 284416

Ion Ratio Lower Upper

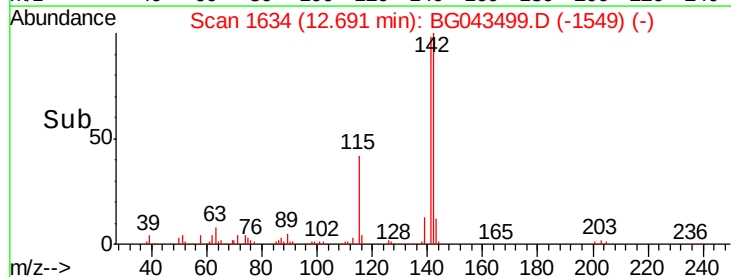
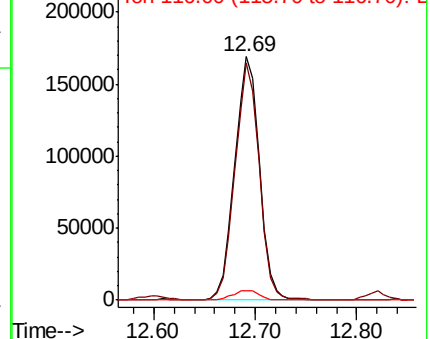
142 100

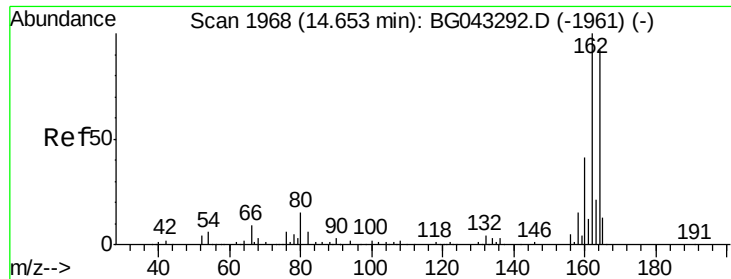
141 97.2 73.2 109.8

116 4.0 3.6 5.4



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1967

Delta R.T. 0.01 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

Instrument :

BNA_G

ClientSampleId :

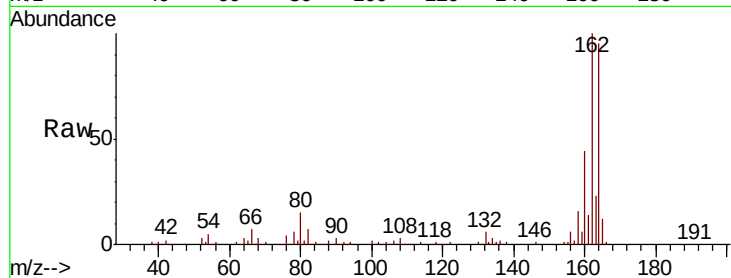
Tot Ion:164 Resp: 105724

Ion Ratio Lower Upper

164 100

162 105.3 83.5 125.3

160 45.9 36.5 54.7

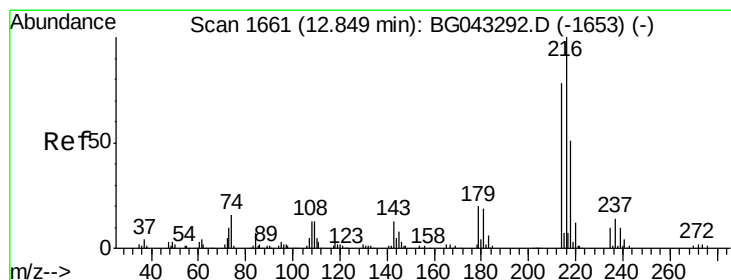
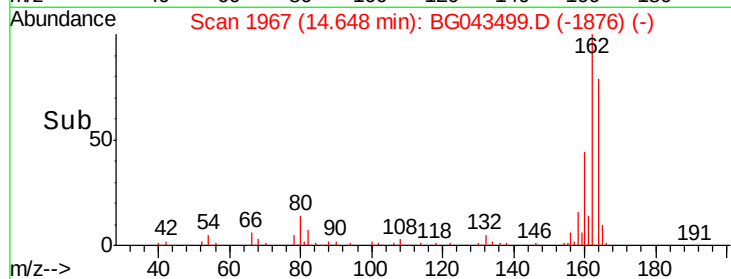
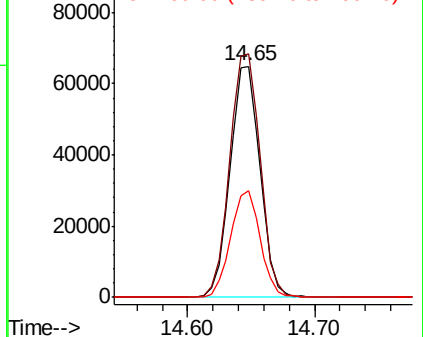


Abundance

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: 49.451 ng

RT: 12.84 min Scan# 1660

Delta R.T. 0.01 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

Tgt Ion:216 Resp: 193488

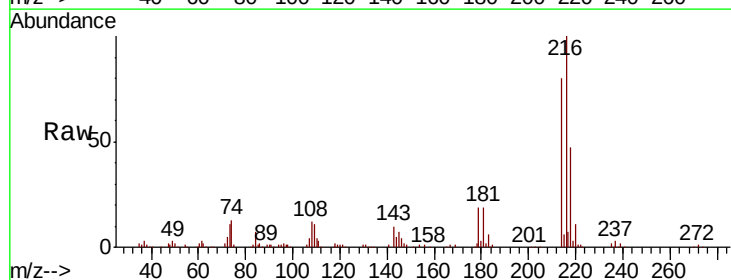
Ion Ratio Lower Upper

216 100

214 78.6 61.7 92.5

179 19.6 15.8 23.8

108 14.5 11.5 17.3



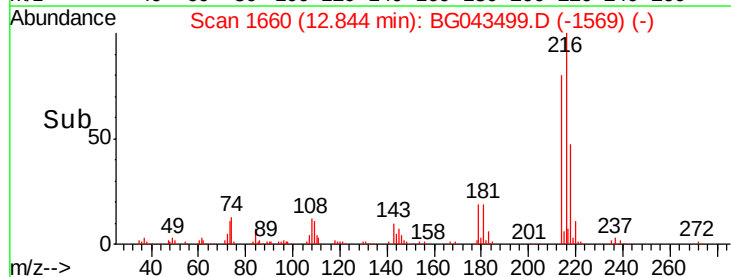
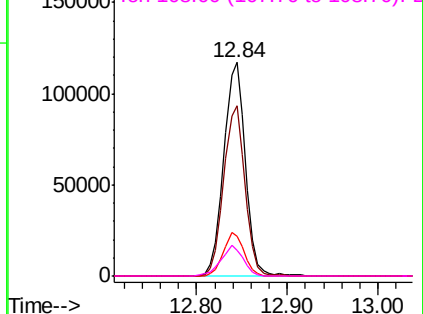
Abundance

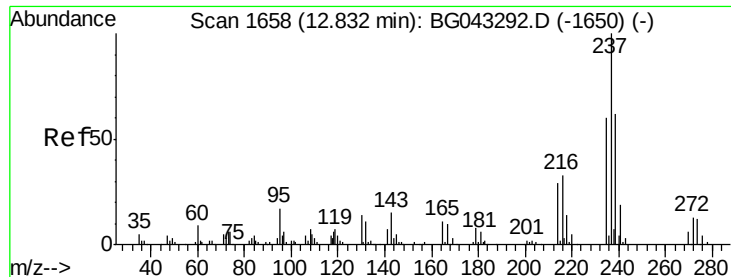
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 40.965 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

Instrument :

BNA_G

ClientSampleId :

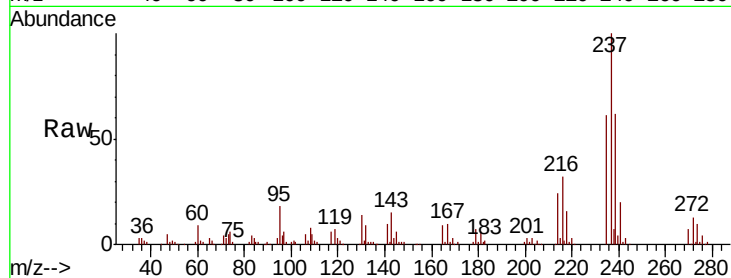
Tot Ion:237 Resp: 84198

Ion Ratio Lower Upper

237 100

235 60.8 41.6 81.6

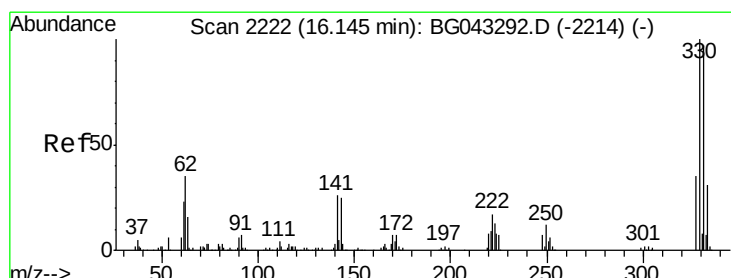
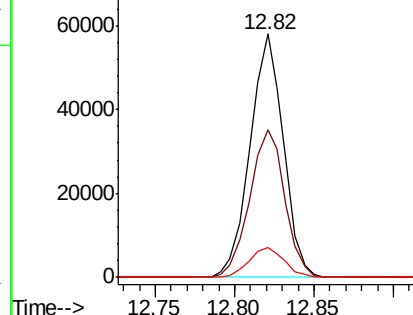
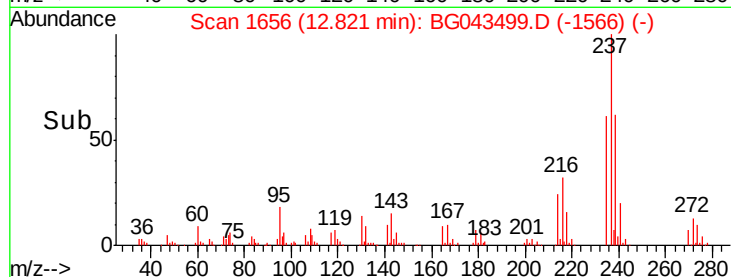
272 12.5 0.0 32.5



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: 140.703 ng

RT: 16.14 min Scan# 2221

Delta R.T. 0.01 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

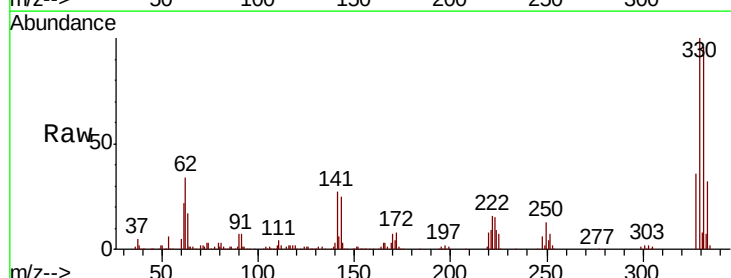
Tgt Ion:330 Resp: 283085

Ion Ratio Lower Upper

330 100

332 98.1 77.4 116.0

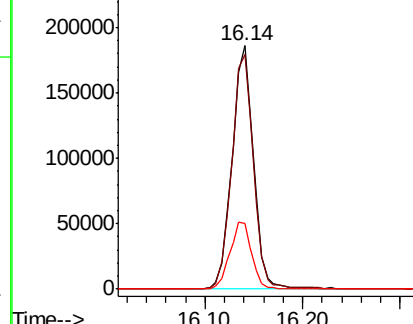
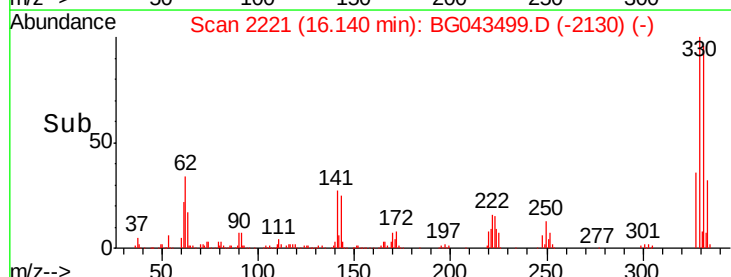
141 28.2 22.8 34.2

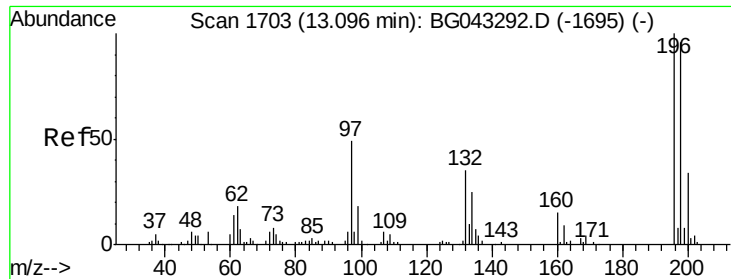


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

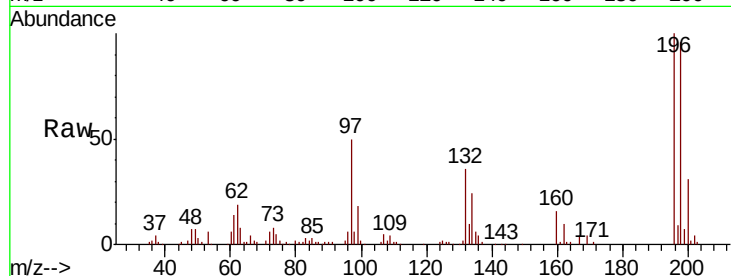




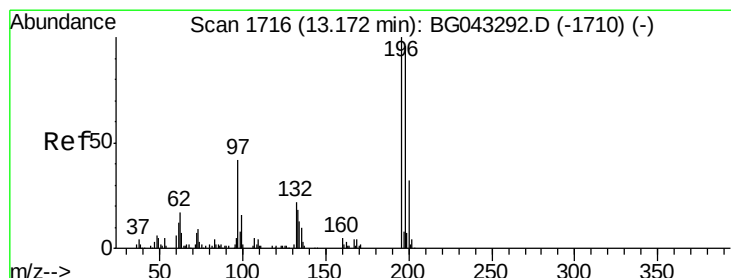
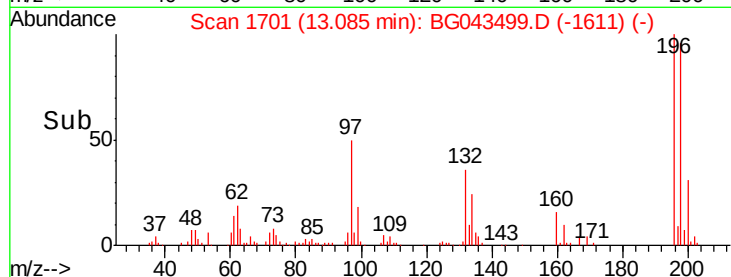
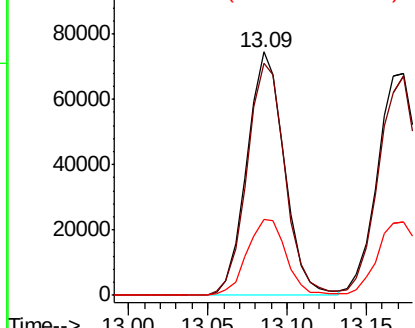
#43
 2,4,6-Trichlorophenol
 Concen: 53.284 ng
 RT: 13.09 min Scan# 1701
 Delta R.T. 0.00 min
 Lab File: BG043499.D
 Acq: 5 Nov 2019 3:36

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 122778
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.8 113.6
 200 31.4 23.9 35.9

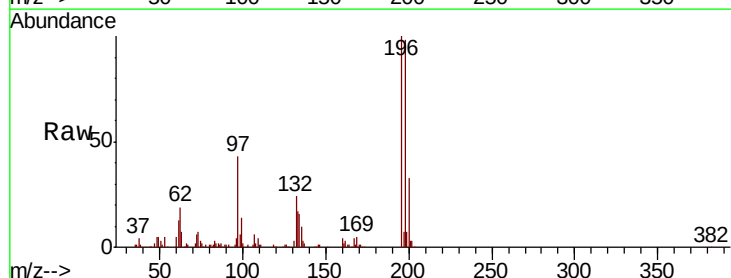


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

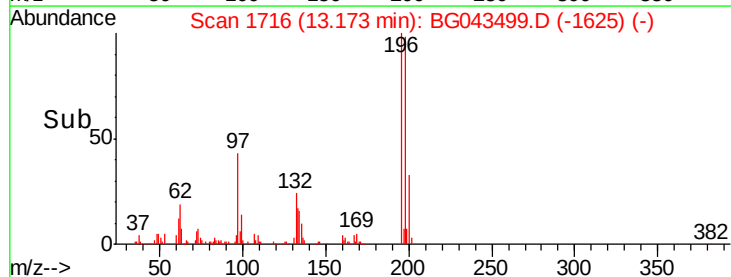
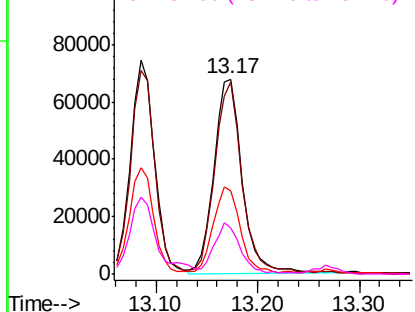


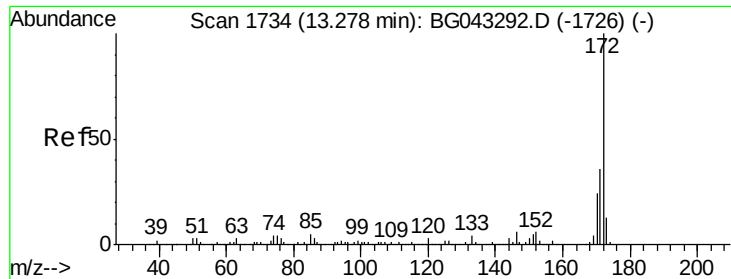
#44
 2,4,5-Trichlorophenol
 Concen: 55.987 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.01 min
 Lab File: BG043499.D
 Acq: 5 Nov 2019 3:36

Tgt Ion:196 Resp: 130422
 Ion Ratio Lower Upper
 196 100
 198 98.4 74.5 111.7
 97 42.6 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

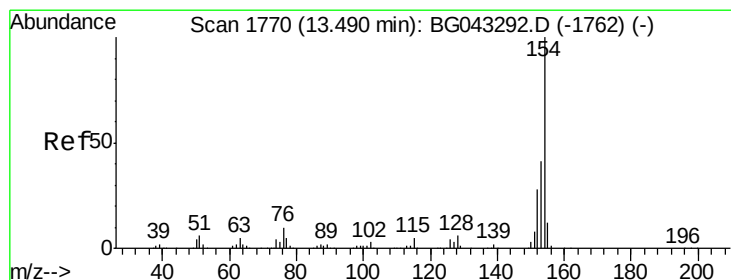
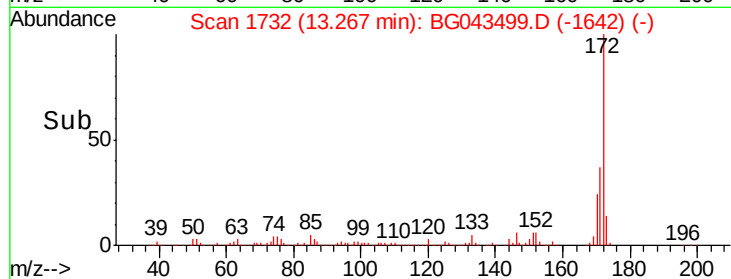
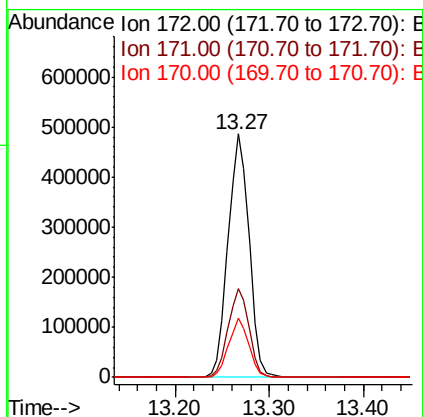
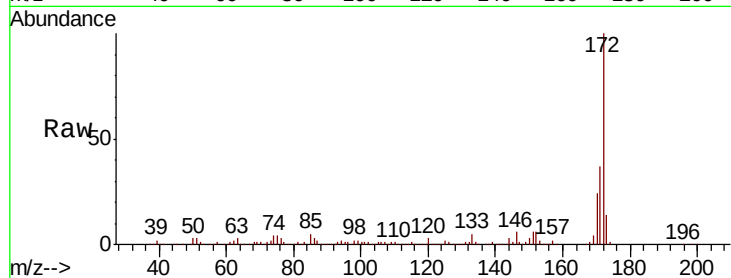




#45
 2-Fluorobiphenyl
 Concen: 98.697 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: BG043499.D
 Acq: 5 Nov 2019 3:36

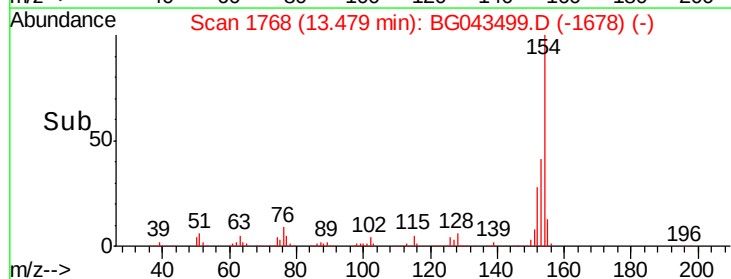
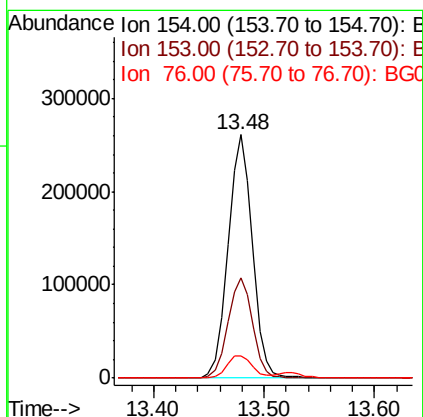
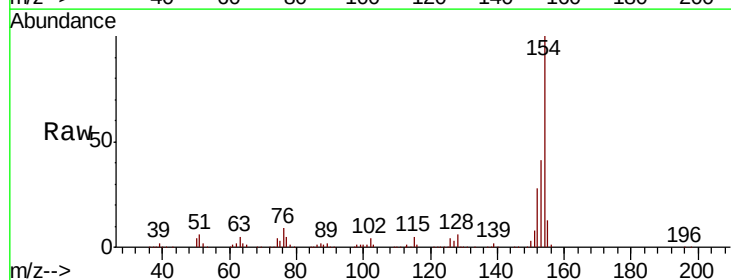
Instrument :
 BNA_G
 ClientSampleId :

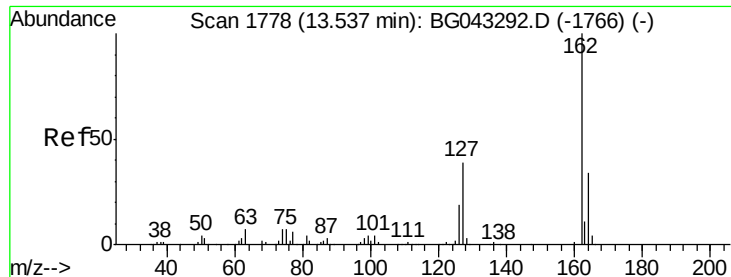
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.9	43.3
170	24.2	18.5	27.7



#46
 1,1'-Biphenyl
 Concen: 50.087 ng
 RT: 13.48 min Scan# 1768
 Delta R.T. 0.00 min
 Lab File: BG043499.D
 Acq: 5 Nov 2019 3:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	19.9	59.9
76	9.1	0.0	29.4

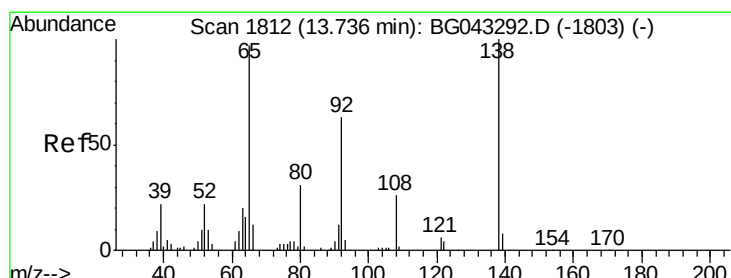
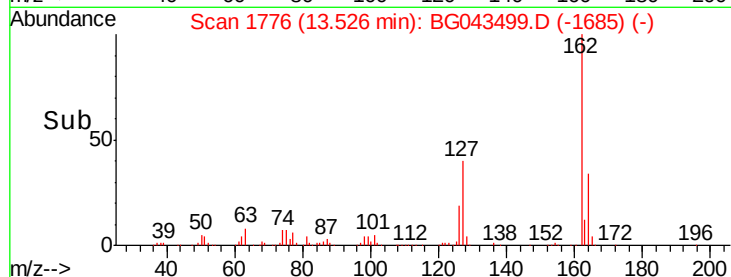
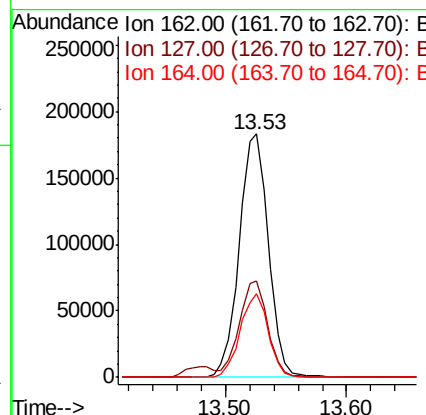
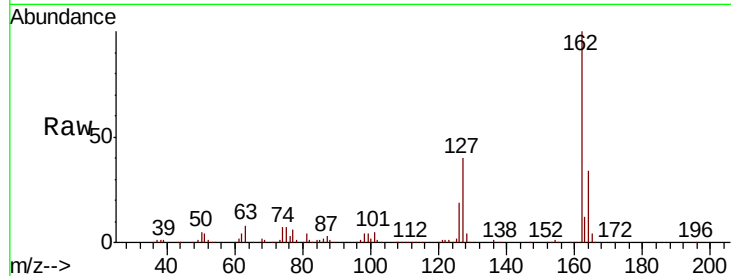




#47
2-Chloronaphthalene
Concen: 50.484 ng
RT: 13.53 min Scan# 1776
Delta R.T. 0.01 min
Lab File: BG043499.D
Acq: 5 Nov 2019 3:36

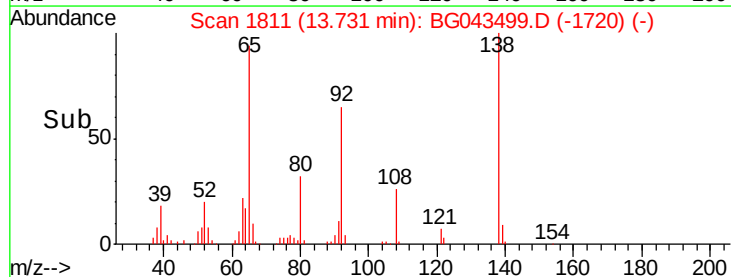
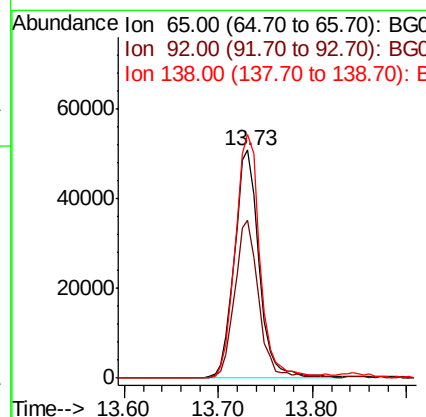
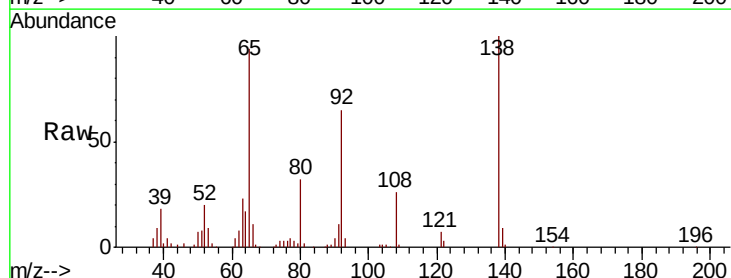
Instrument :
BNA_G
ClientSampled :

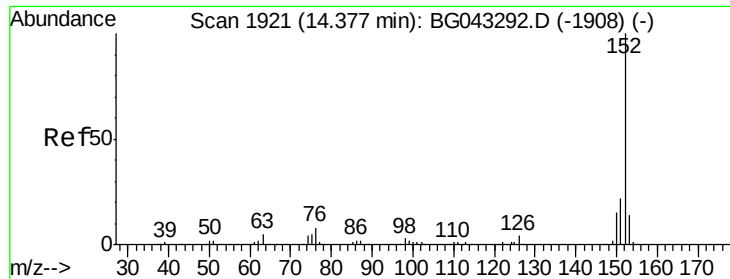
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.6	31.2	46.8
164	34.3	25.8	38.8



#48
2-Nitroaniline
Concen: 50.816 ng
RT: 13.73 min Scan# 1811
Delta R.T. 0.01 min
Lab File: BG043499.D
Acq: 5 Nov 2019 3:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.2	56.2	84.2
138	106.9	82.6	123.8





#49

Acenaphthylene

Concen: 52.564 ng

RT: 14.37 min Scan# 1920

Delta R.T. 0.01 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

Instrument :

BNA_G

ClientSampleId :

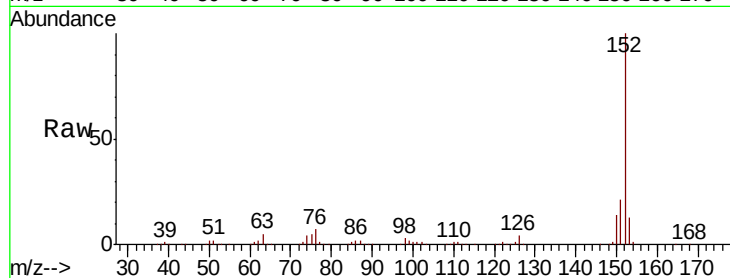
Tot Ion:152 Resp: 500638

Ion Ratio Lower Upper

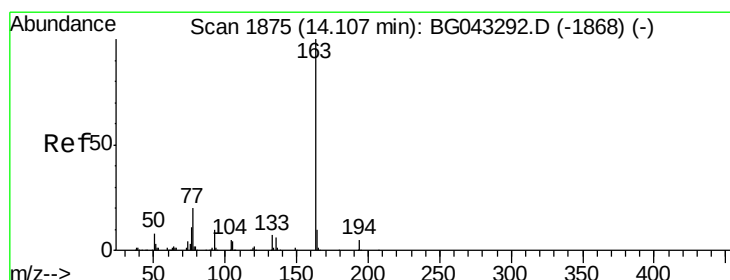
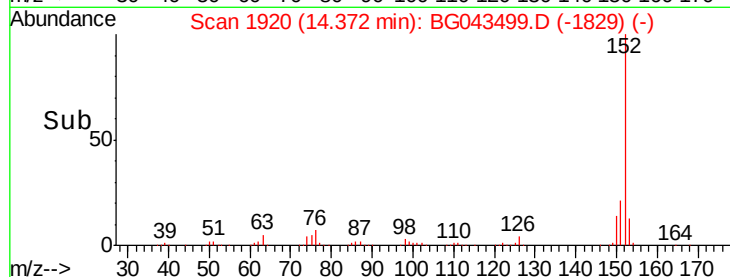
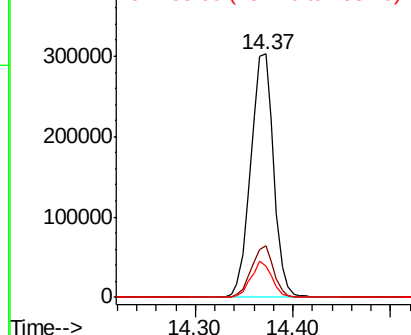
152 100

151 21.0 16.2 24.4

153 13.0 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: 48.368 ng

RT: 14.10 min Scan# 1874

Delta R.T. 0.01 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

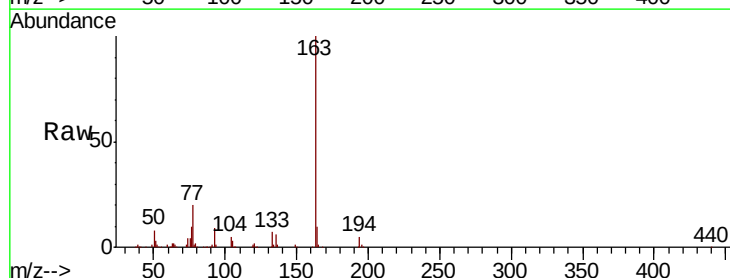
Tgt Ion:163 Resp: 396092

Ion Ratio Lower Upper

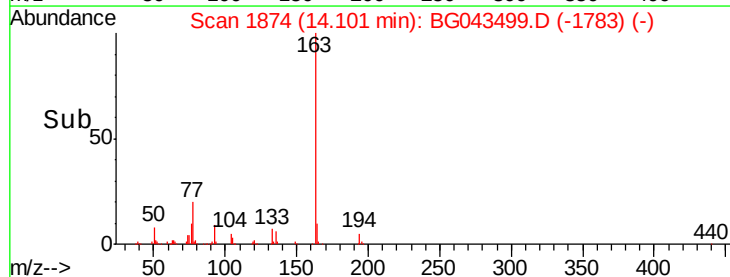
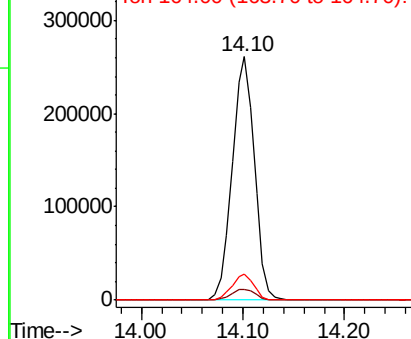
163 100

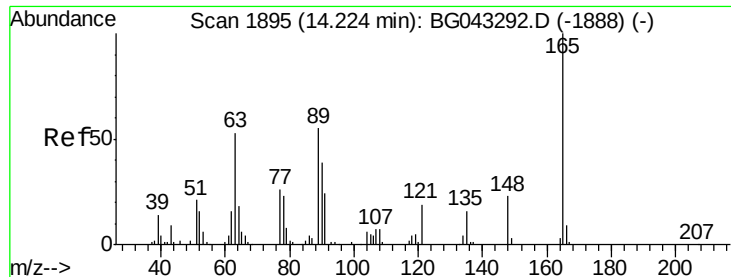
194 4.6 3.8 5.6

164 10.5 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: 51.925 ng

RT: 14.22 min Scan# 1894

Delta R.T. 0.01 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

Instrument :

BNA_G

ClientSampleId :

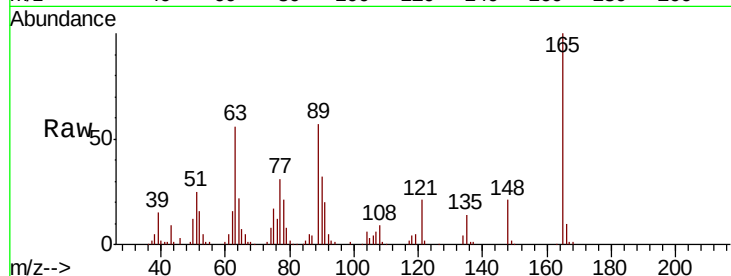
Tot Ion:165 Resp: 92378

Ion Ratio Lower Upper

165 100

63 55.9 46.6 69.8

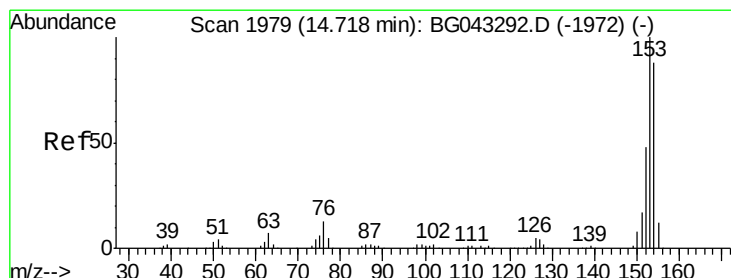
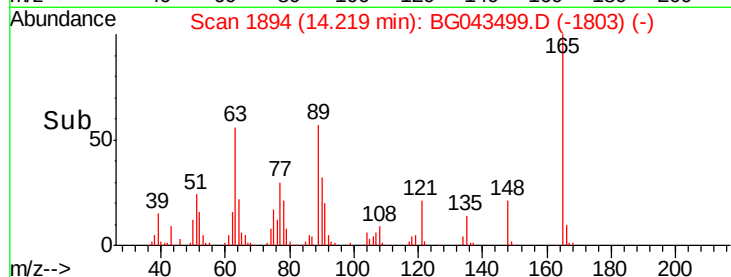
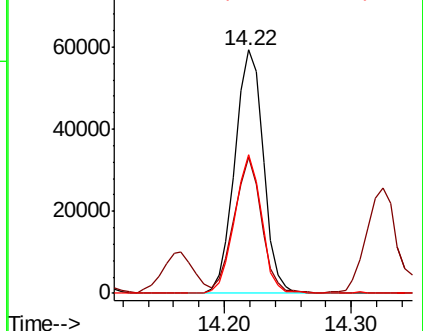
89 56.7 45.1 67.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 50.949 ng

RT: 14.71 min Scan# 1978

Delta R.T. 0.01 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

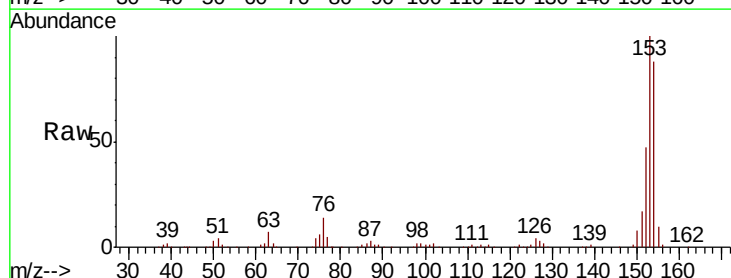
Tgt Ion:154 Resp: 295924

Ion Ratio Lower Upper

154 100

153 113.7 88.2 132.2

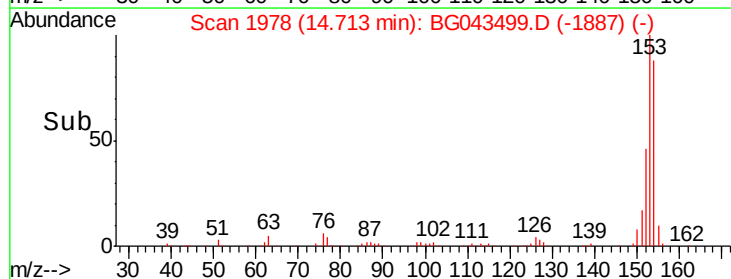
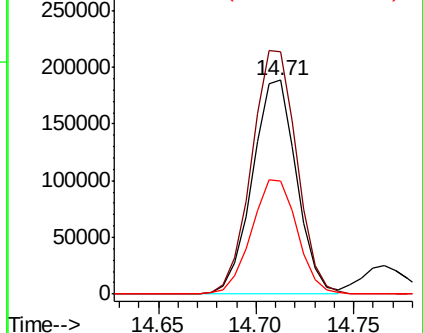
152 53.0 40.0 60.0

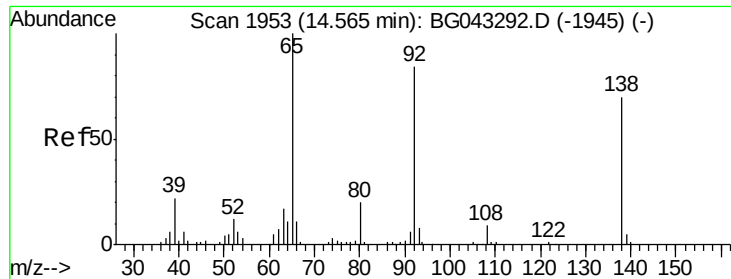


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

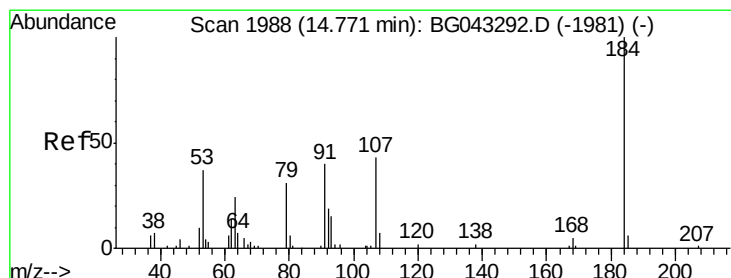
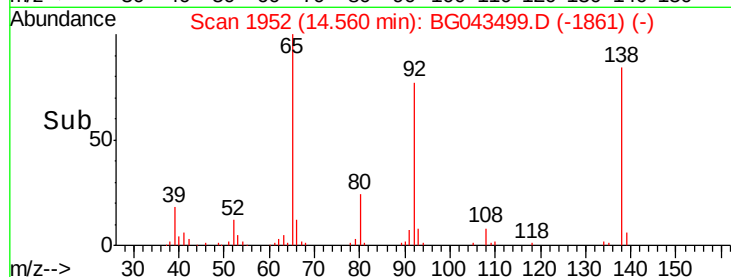
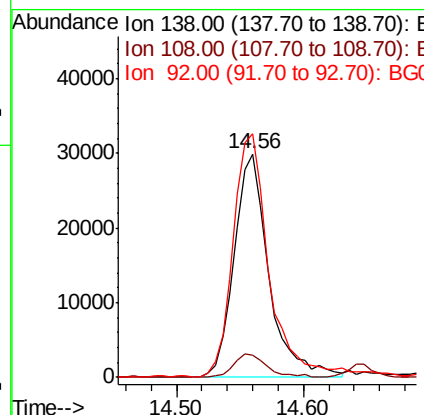
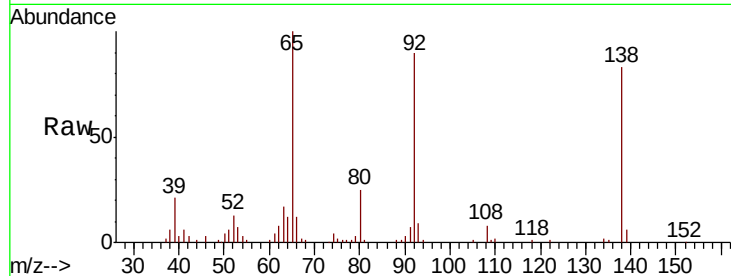




#53
3-Nitroaniline
Concen: 32.943 ng
RT: 14.56 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BG043499.D
Acq: 5 Nov 2019 3:36

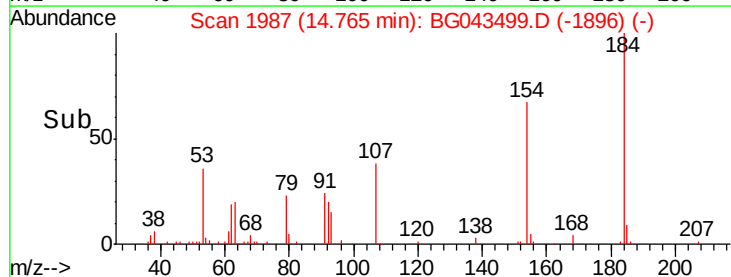
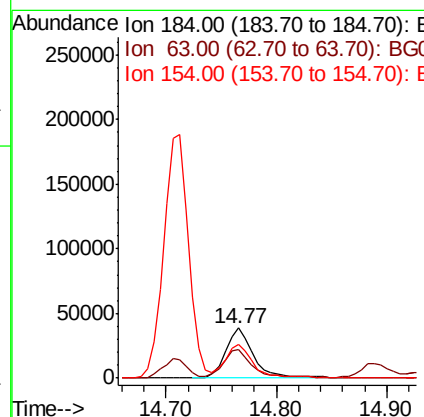
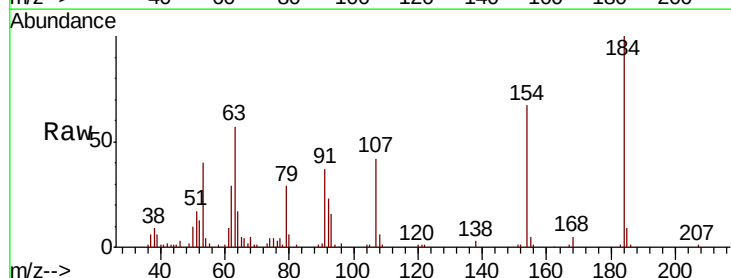
Instrument :
BNA_G
ClientSampleId :

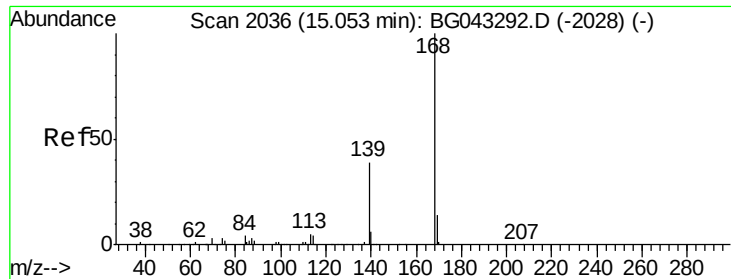
Tot Ion:138 Resp: 56585
Ion Ratio Lower Upper
138 100
108 9.9 8.0 12.0
92 109.1 90.9 136.3



#54
2,4-Dinitrophenol
Concen: 63.470 ng
RT: 14.77 min Scan# 1987
Delta R.T. 0.01 min
Lab File: BG043499.D
Acq: 5 Nov 2019 3:36

Tgt Ion:184 Resp: 68672
Ion Ratio Lower Upper
184 100
63 56.7 51.3 76.9
154 66.7 55.4 83.0

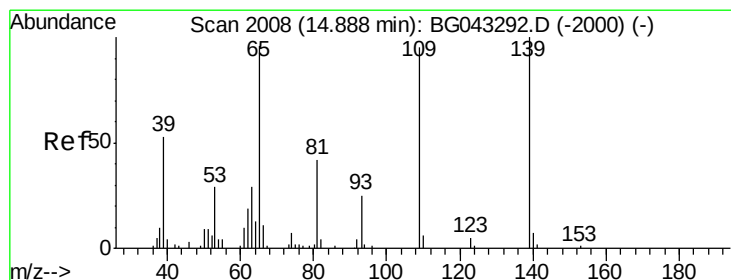
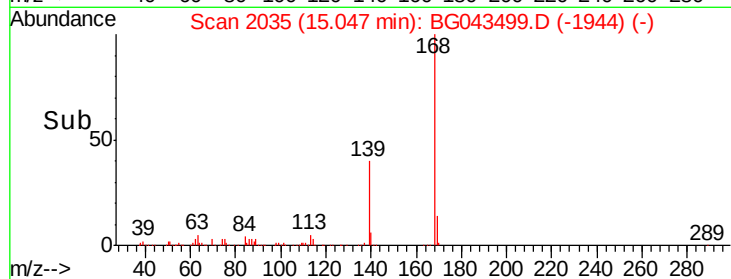
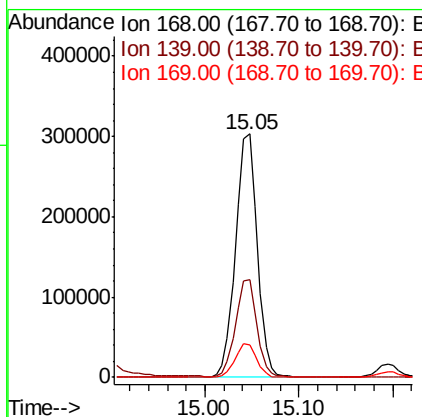
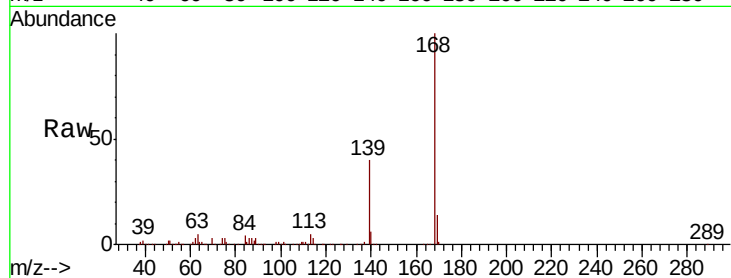




#55
Dibenzofuran
Concen: 51.794 ng
RT: 15.05 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BG043499.D
Acq: 5 Nov 2019 3:36

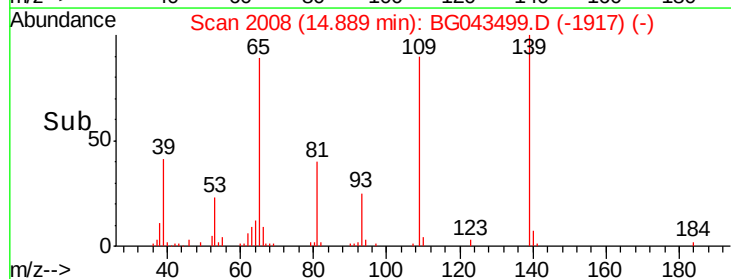
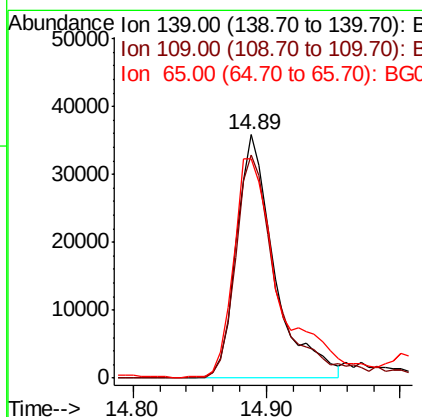
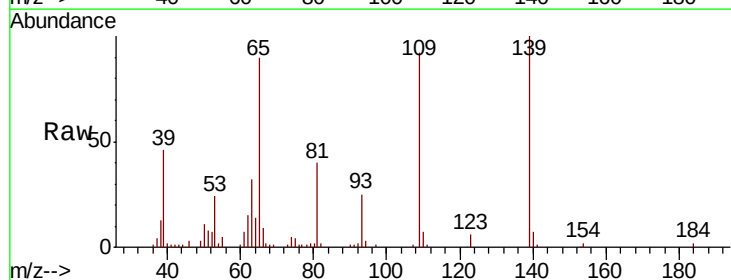
Instrument :
BNA_G
ClientSampleId :

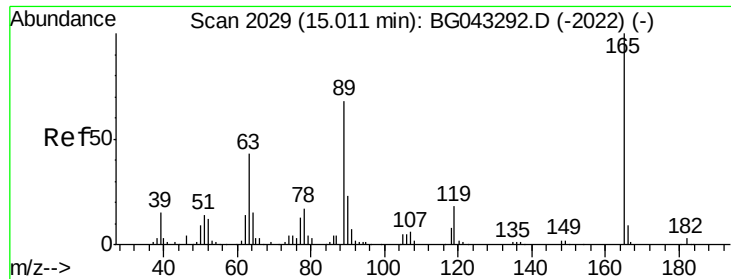
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.0	31.0	46.6
169	13.6	11.7	17.5



#56
4-Nitrophenol
Concen: 61.673 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BG043499.D
Acq: 5 Nov 2019 3:36

Tgt Ion	Ratio	Lower	Upper
139	100		
109	91.7	87.2	127.2
65	89.9	83.8	123.8

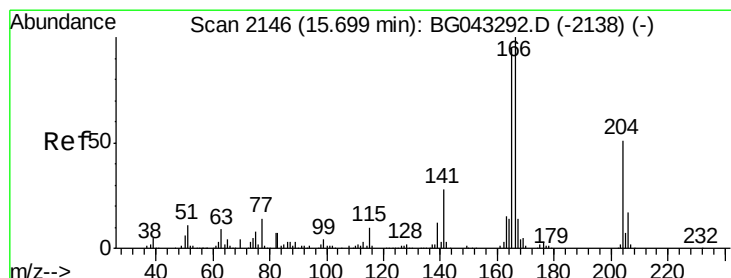
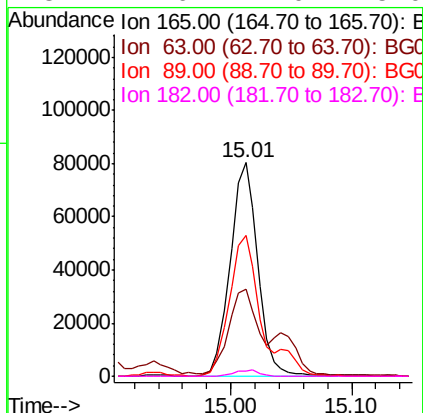
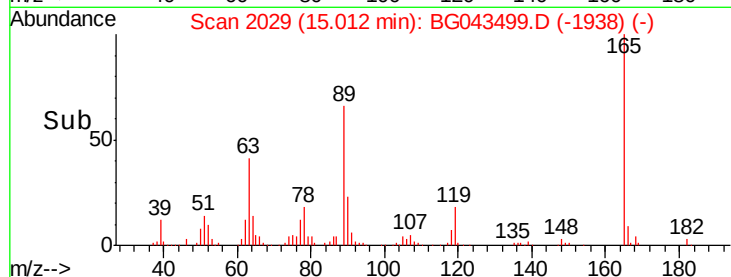
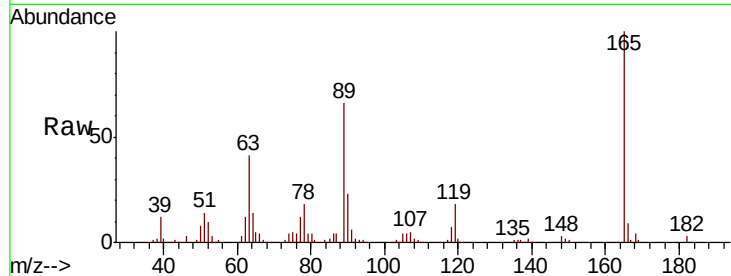




#57
2,4-Dinitrotoluene
Concen: 50.248 ng
RT: 15.01 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BG043499.D
Acq: 5 Nov 2019 3:36

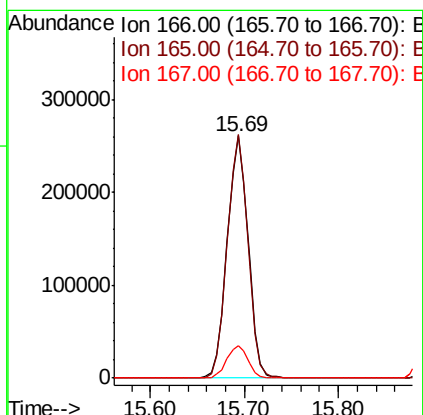
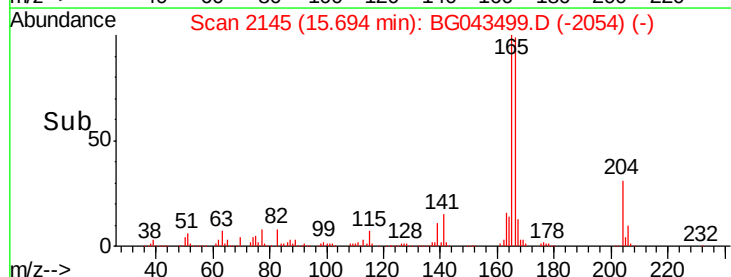
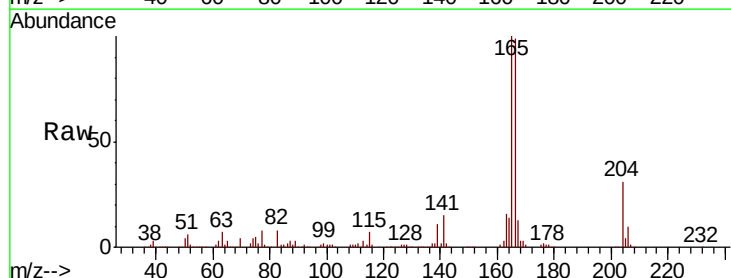
Instrument :
BNA_G
ClientSampleId :

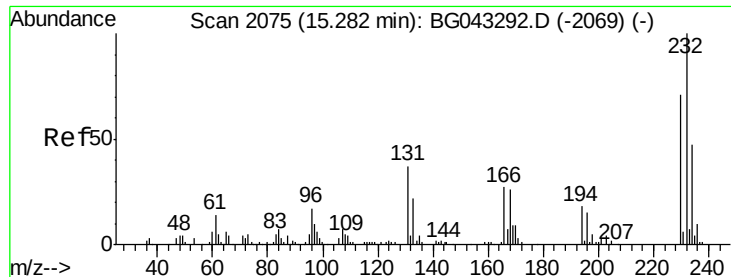
Tot Ion:165	Resp:	127754
Ion Ratio	Lower	Upper
165	100	
63	40.9	33.2 49.8
89	66.1	52.2 78.4
182	2.6	2.0 3.0



#58
Fluorene
Concen: 51.293 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.01 min
Lab File: BG043499.D
Acq: 5 Nov 2019 3:36

Tgt Ion:166	Resp:	405207
Ion Ratio	Lower	Upper
166	100	
165	100.7	79.0 118.6
167	13.3	10.5 15.7

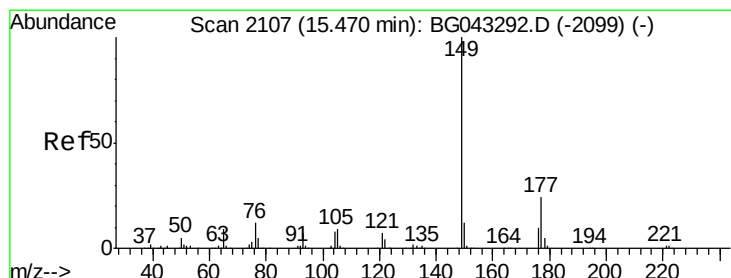
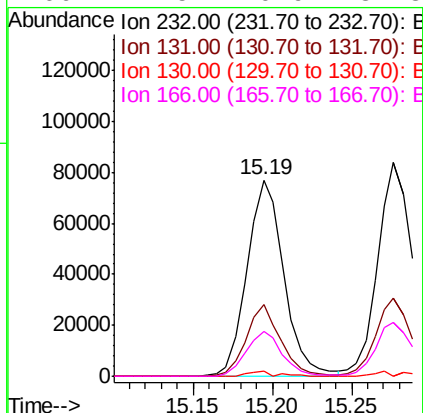
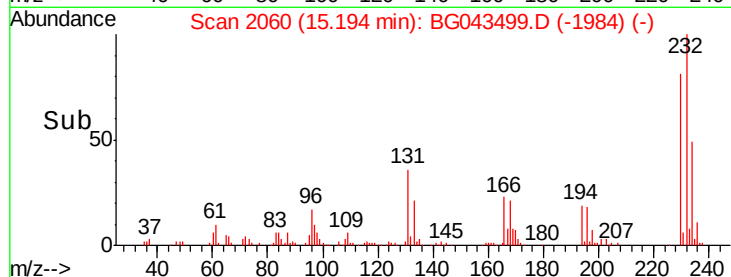
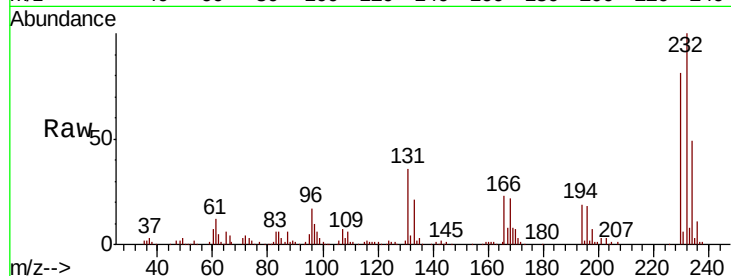




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.203 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.08 min
Lab File: BG043499.D
Acq: 5 Nov 2019 3:36

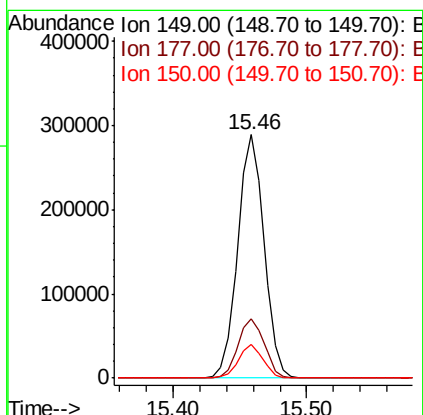
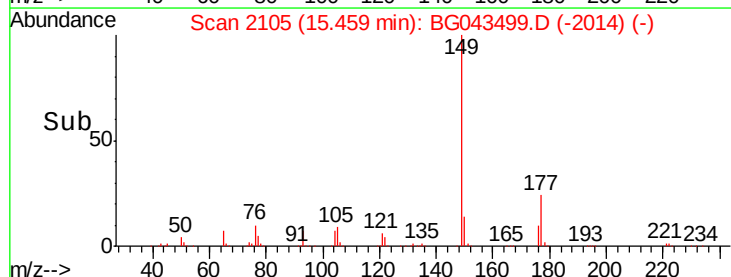
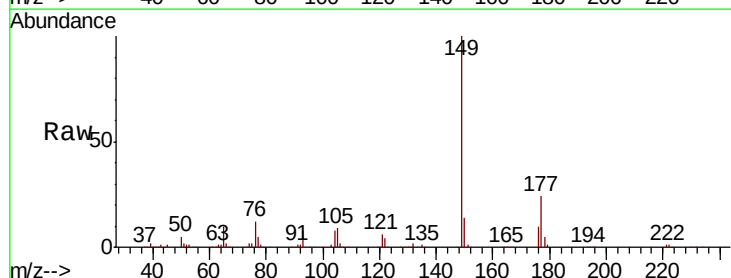
Instrument :
BNA_G
ClientSampleId :

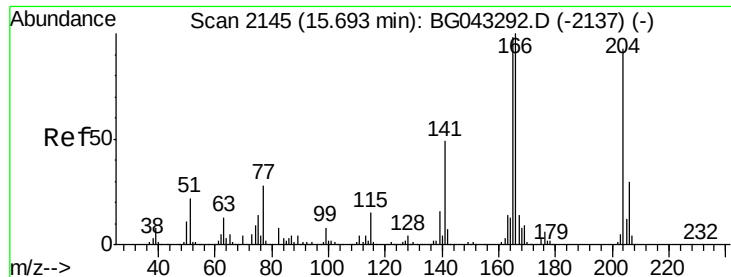
Tot Ion:	232	Resp:	124252
Ion Ratio	Lower	Upper	
232	100		
131	33.9	26.9	40.3
130	1.8	1.8	2.6
166	22.5	20.9	31.3



#60
Diethylphthalate
Concen: 47.964 ng
RT: 15.46 min Scan# 2105
Delta R.T. 0.01 min
Lab File: BG043499.D
Acq: 5 Nov 2019 3:36

Tgt Ion:	149	Resp:	394657
Ion Ratio	Lower	Upper	
149	100		
177	24.1	19.6	29.4
150	14.0	10.8	16.2

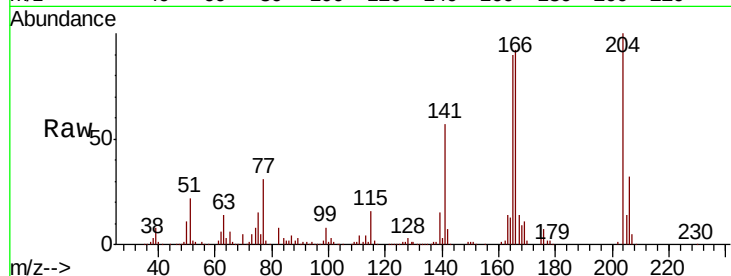




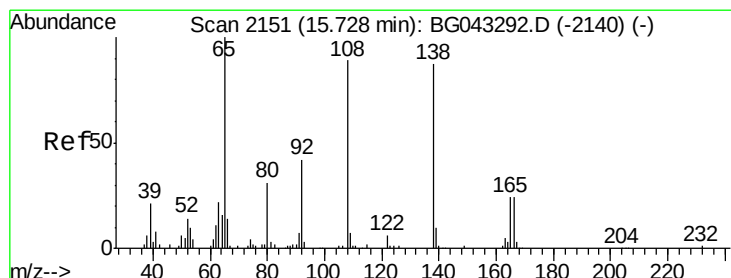
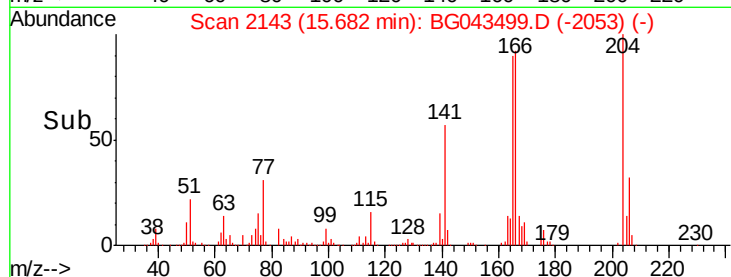
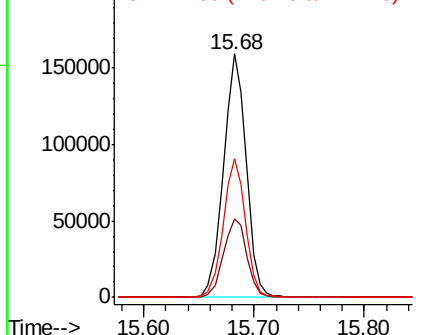
#61
4-Chlorophenyl-phenylether
Concen: 49.855 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG043499.D
Acq: 5 Nov 2019 3:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 229760
Ion Ratio Lower Upper
204 100
206 32.2 28.4 42.6
141 56.8 43.0 64.6

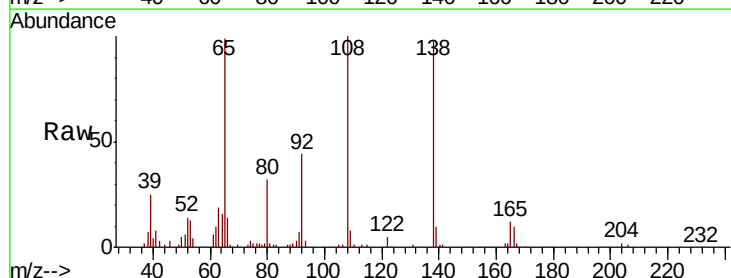


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

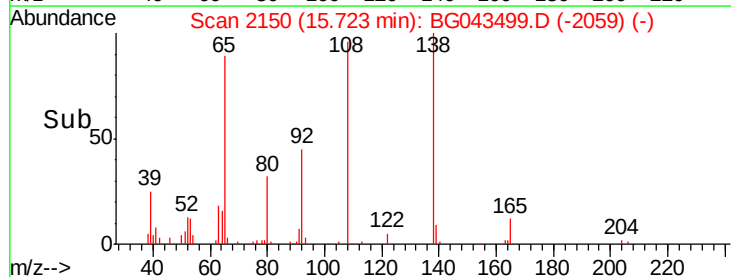
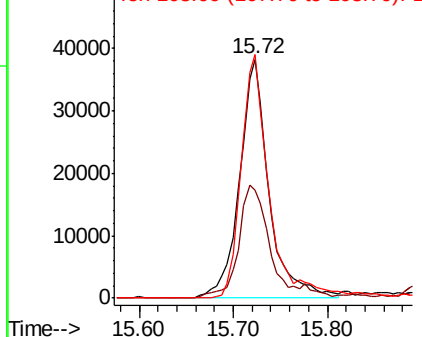


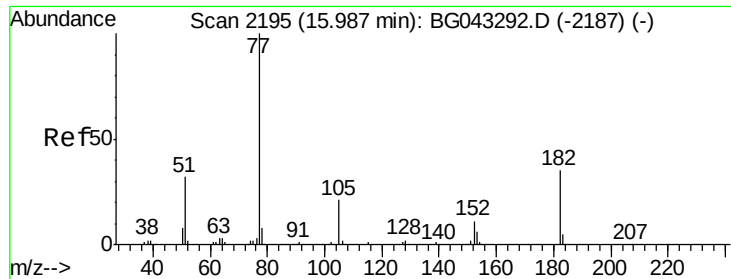
#62
4-Nitroaniline
Concen: 46.744 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.01 min
Lab File: BG043499.D
Acq: 5 Nov 2019 3:36

Tgt Ion:138 Resp: 82919
Ion Ratio Lower Upper
138 100
92 45.0 33.4 73.4
108 102.0 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: 50.061 ng

RT: 15.98 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 333369

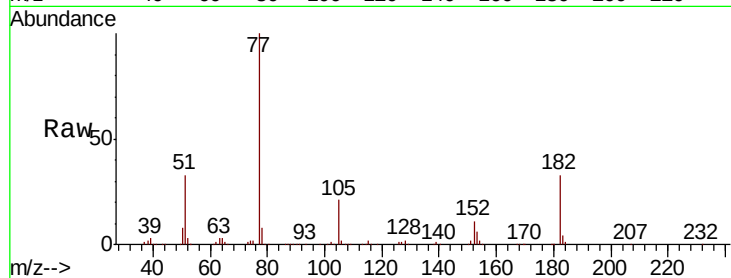
Ion Ratio Lower Upper

77 100

182 33.0 13.7 53.7

105 21.3 0.4 40.4

51 33.4 11.0 51.0

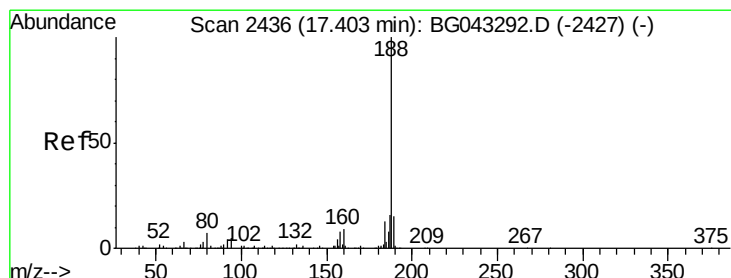
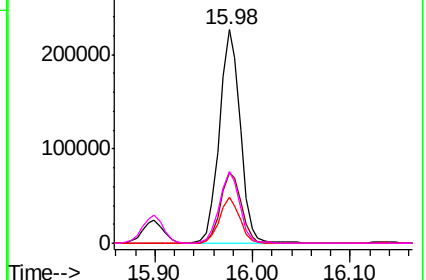
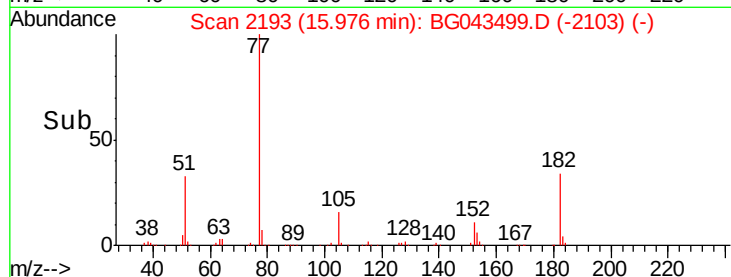


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG043499.D

Acq: 5 Nov 2019 3:36

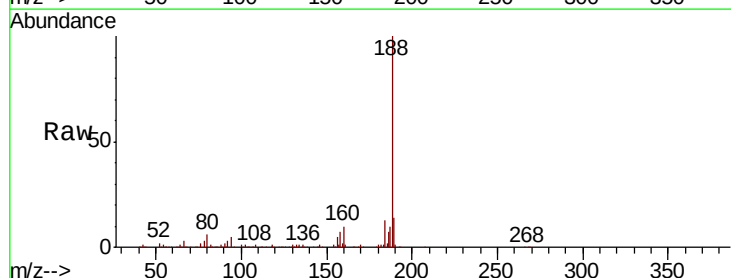
Tgt Ion: 188 Resp: 247330

Ion Ratio Lower Upper

188 100

94 5.5 4.2 6.4

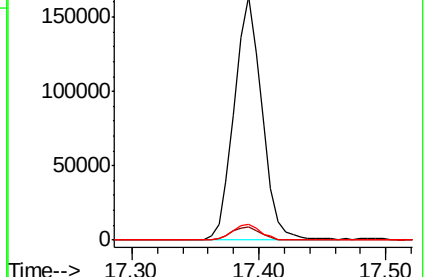
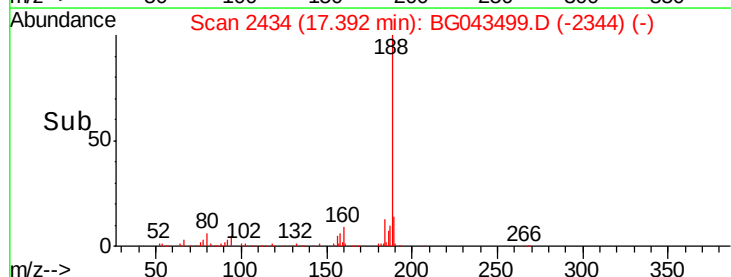
80 6.4 4.5 6.7

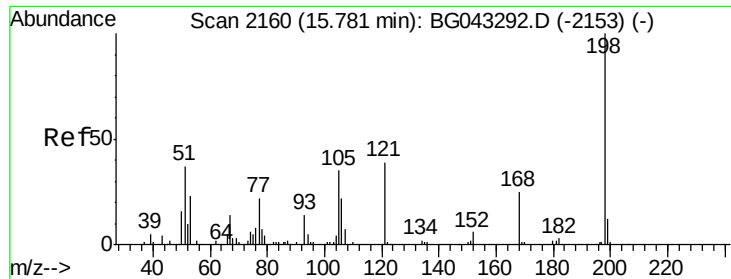


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 40.860 ng

RT: 15.78 min Scan# 2159

Delta R.T. 0.00 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

Instrument :

BNA_G

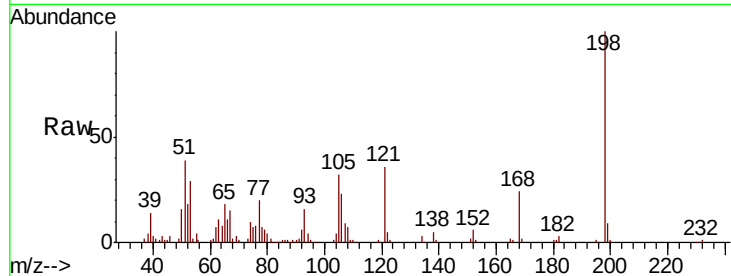
ClientSampled :

Tot Ion:198 Resp: 59473

Ion	Ratio	Lower	Upper
198	100		
51	38.6	13.2	53.2
105	31.9	15.8	55.8

51 38.6 13.2 53.2

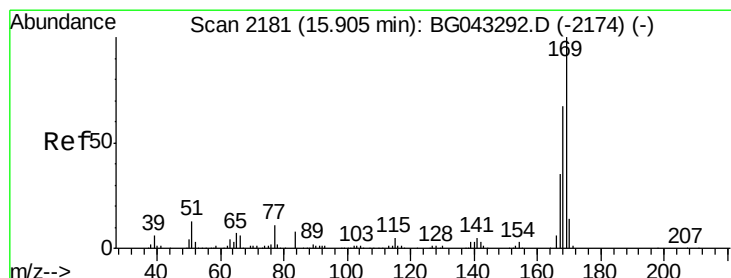
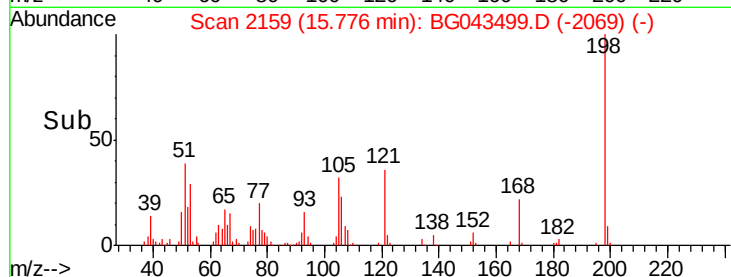
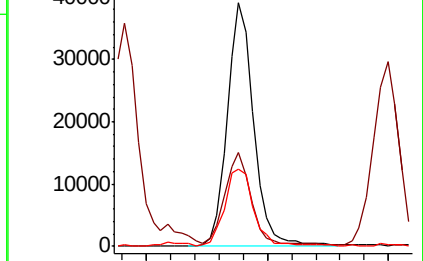
105 31.9 15.8 55.8



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: 50.104 ng

RT: 15.90 min Scan# 2180

Delta R.T. 0.01 min

Lab File: BG043499.D

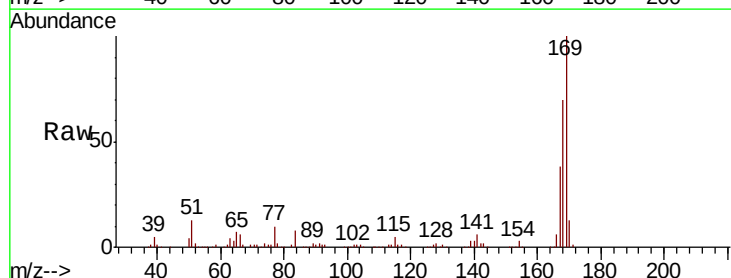
Acq: 5 Nov 2019 3:36

Tgt Ion:169 Resp: 349865

Ion	Ratio	Lower	Upper
169	100		
168	70.0	53.8	80.6
167	37.9	27.5	41.3

168 70.0 53.8 80.6

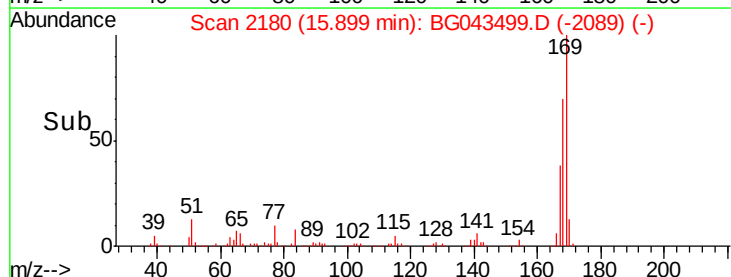
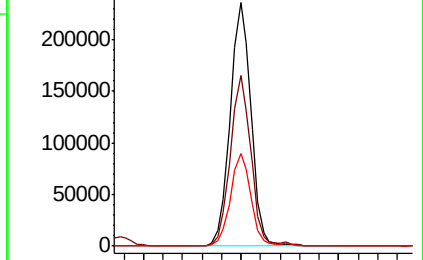
167 37.9 27.5 41.3

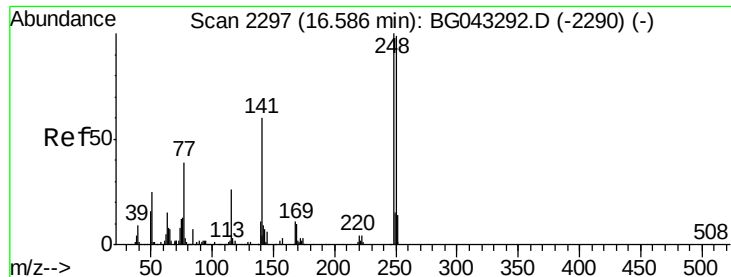


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

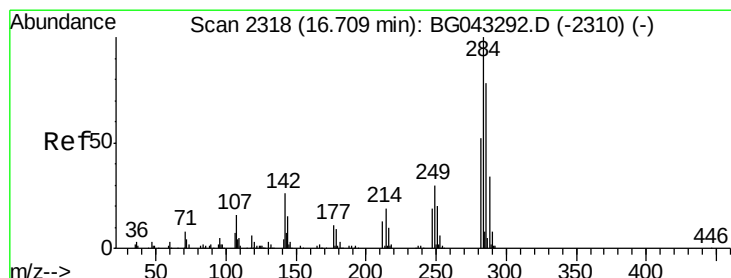
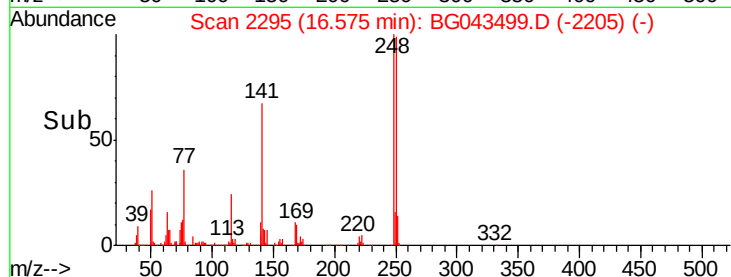
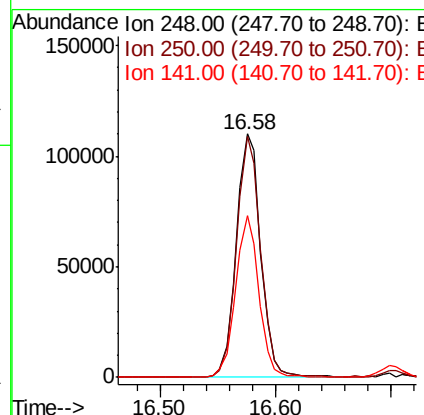
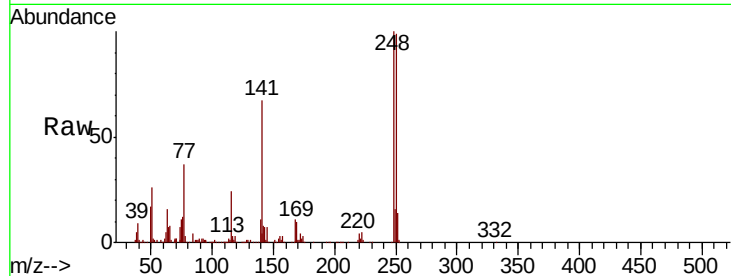




#67
4-Bromophenyl-phenylether
Concen: 48.537 ng
RT: 16.58 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BG043499.D
Acq: 5 Nov 2019 3:36

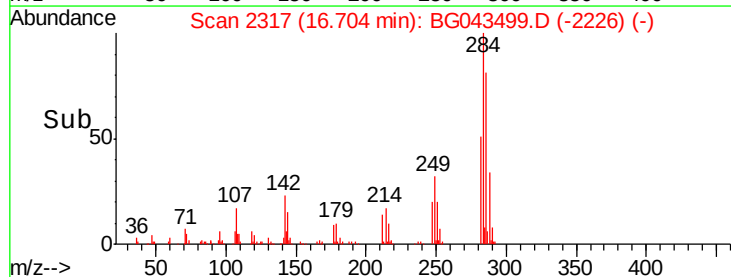
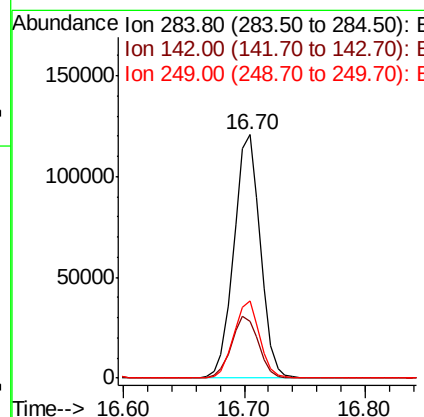
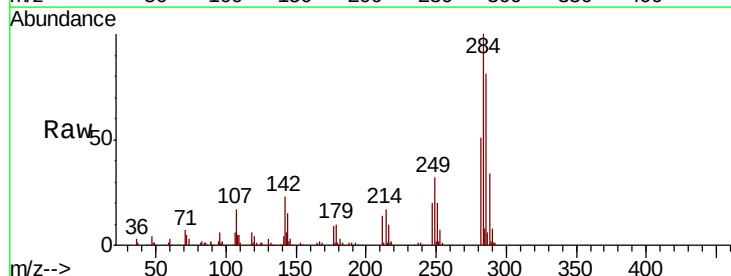
Instrument :
BNA_G
ClientSampled :

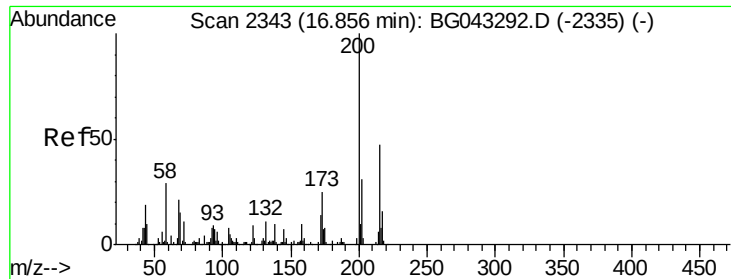
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.8	77.0	115.4
141	66.5	47.5	71.3



#68
Hexachlorobenzene
Concen: 48.095 ng
RT: 16.70 min Scan# 2317
Delta R.T. 0.01 min
Lab File: BG043499.D
Acq: 5 Nov 2019 3:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	23.3	19.8	29.8
249	31.7	23.8	35.6

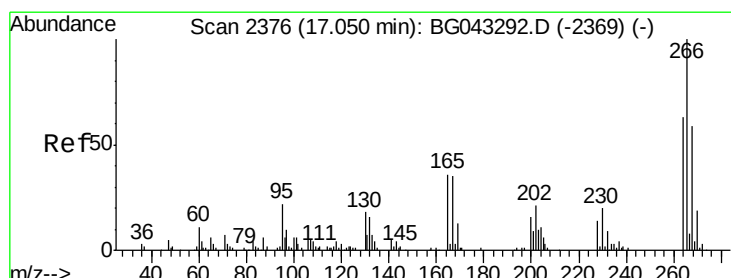
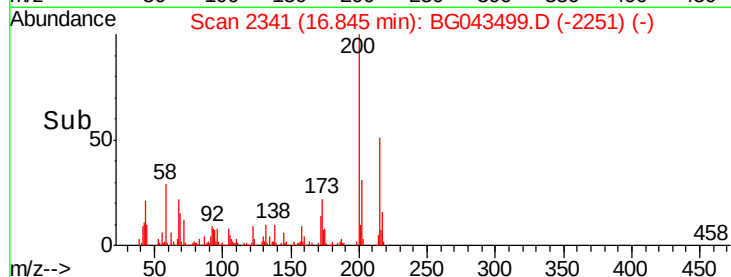
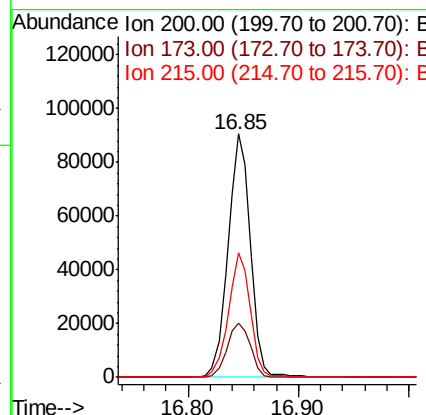
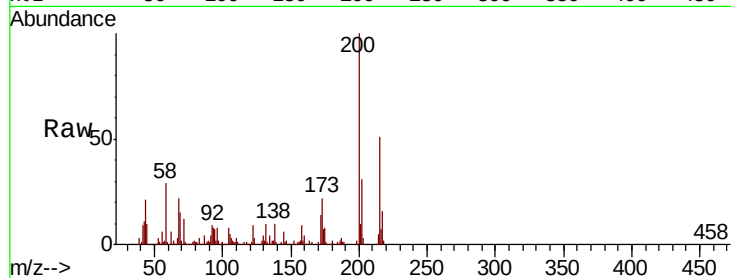




#69
 Atrazine
 Concen: 52.995 ng
 RT: 16.85 min Scan# 2341
 Delta R.T. 0.00 min
 Lab File: BG043499.D
 Acq: 5 Nov 2019 3:36

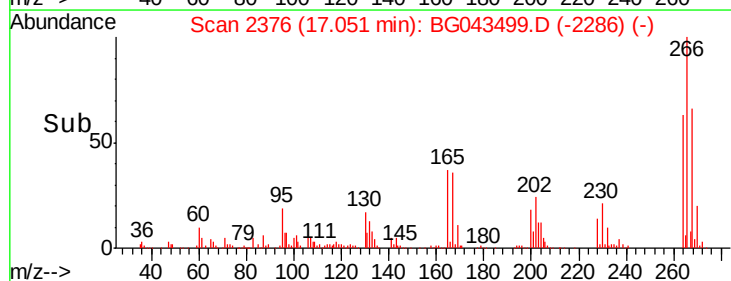
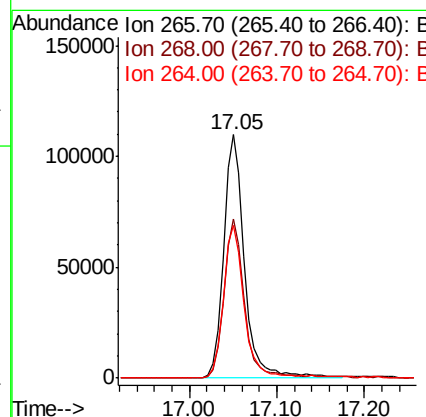
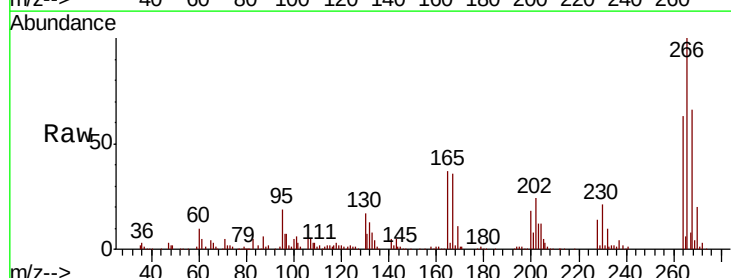
Instrument :
 BNA_G
 ClientSampled :

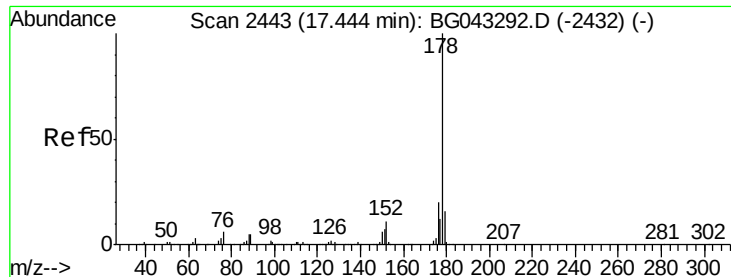
Tot Ion	Ratio	Lower	Upper
200	100		
173	22.0	4.7	44.7
215	51.1	28.5	68.5



#70
 Pentachlorophenol
 Concen: 103.843 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: BG043499.D
 Acq: 5 Nov 2019 3:36

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.6	50.4	75.6
264	62.8	48.9	73.3

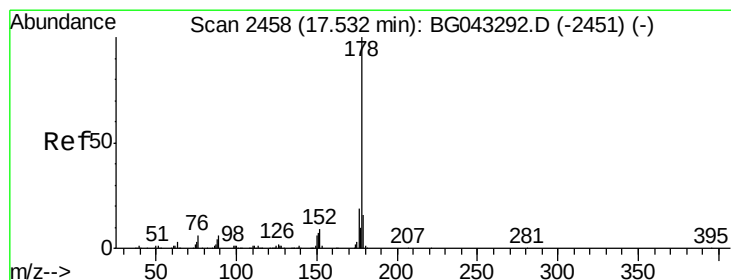
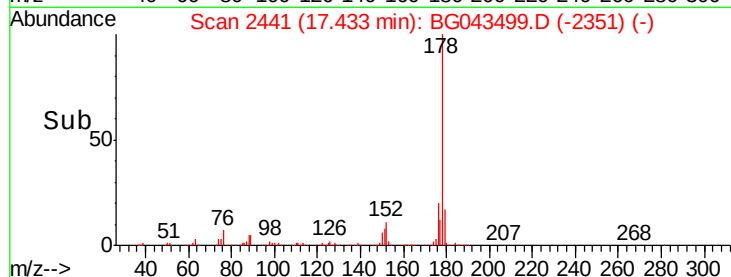
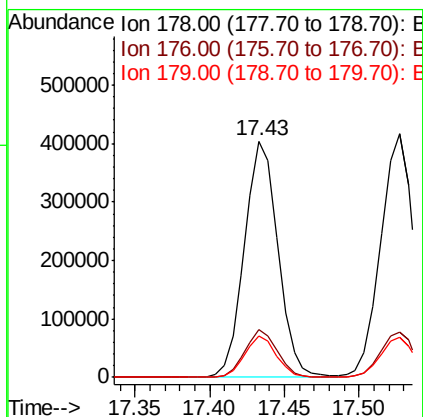
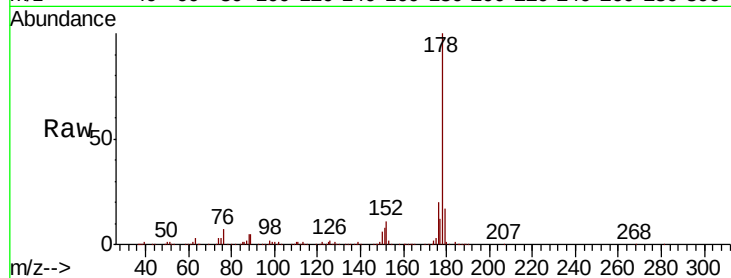




#71
Phenanthrene
Concen: 49.635 ng
RT: 17.43 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BG043499.D
Acq: 5 Nov 2019 3:36

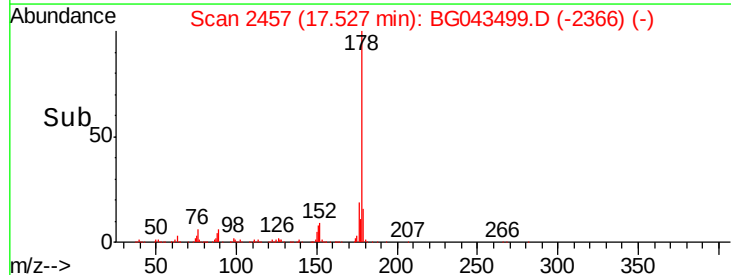
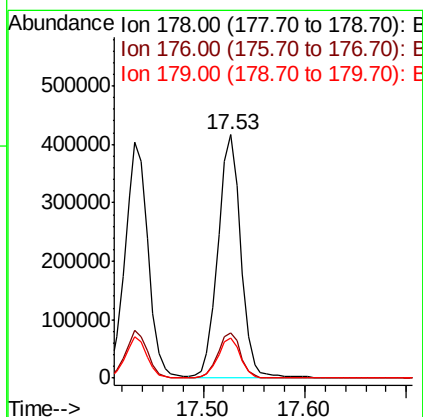
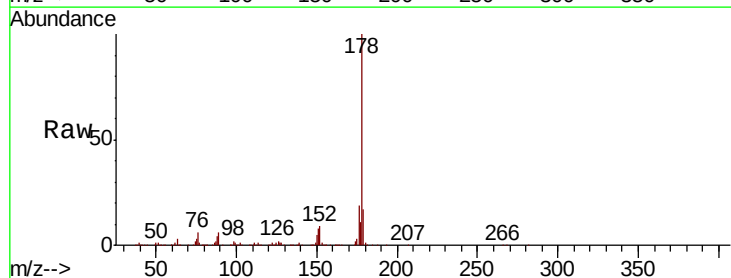
Instrument :
BNA_G
ClientSampled :

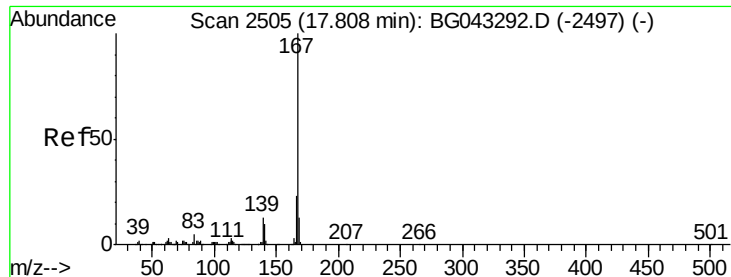
Tot Ion:178 Resp: 628630
Ion Ratio Lower Upper
178 100
176 20.4 15.4 23.0
179 17.4 13.0 19.6



#72
Anthracene
Concen: 51.405 ng
RT: 17.53 min Scan# 2457
Delta R.T. 0.01 min
Lab File: BG043499.D
Acq: 5 Nov 2019 3:36

Tgt Ion:178 Resp: 651394
Ion Ratio Lower Upper
178 100
176 18.8 15.5 23.3
179 16.5 13.7 20.5

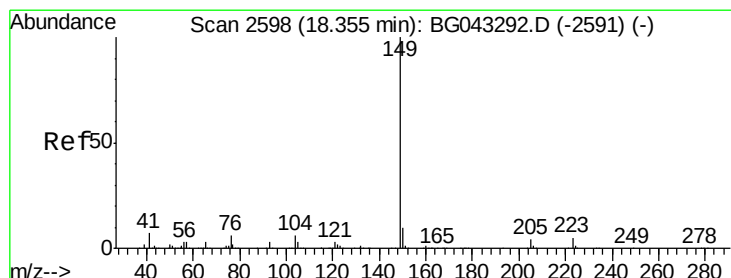
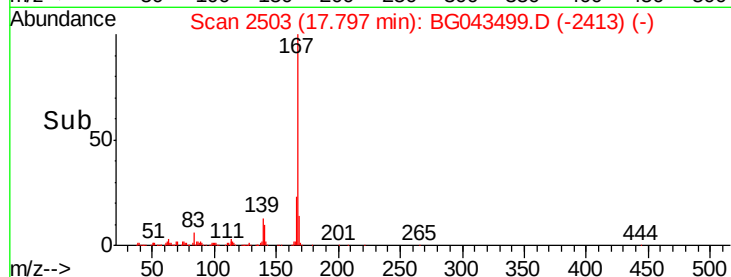
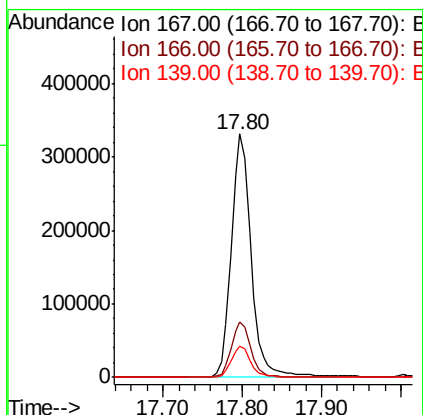
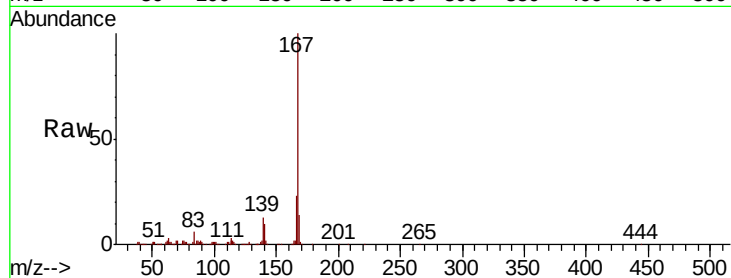




#73
 Carbazole
 Concen: 50.104 ng
 RT: 17.80 min Scan# 2503
 Delta R.T. 0.00 min
 Lab File: BG043499.D
 Acq: 5 Nov 2019 3:36

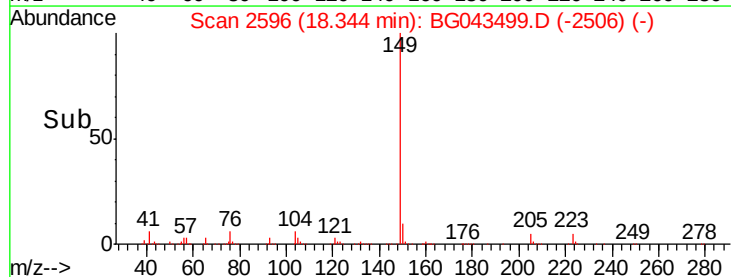
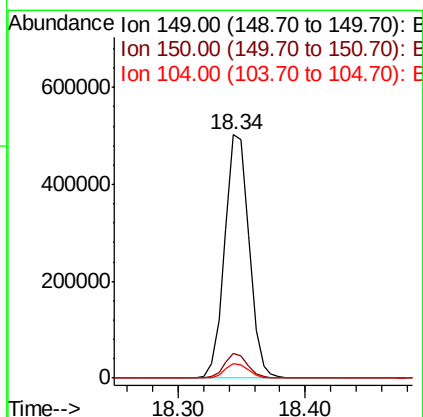
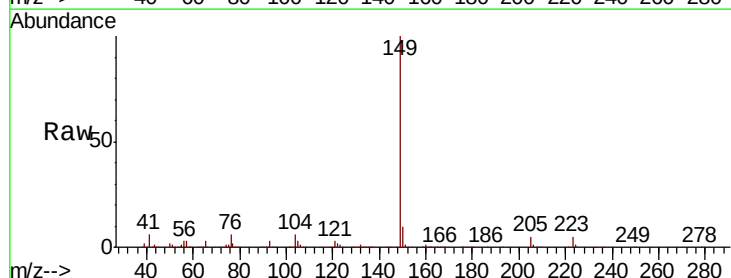
Instrument :
 BNA_G
 ClientSampleId :

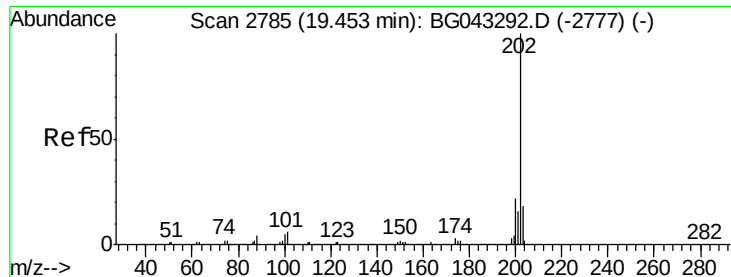
Tot Ion:167 Resp: 574948
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.7 28.1
 139 12.9 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 48.055 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. 0.00 min
 Lab File: BG043499.D
 Acq: 5 Nov 2019 3:36

Tgt Ion:149 Resp: 669099
 Ion Ratio Lower Upper
 149 100
 150 10.0 8.0 12.0
 104 6.1 4.4 6.6





#75

Fluoranthene

Concen: 48.300 ng

RT: 19.44 min Scan# 2783

Delta R.T. 0.00 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

Instrument :

BNA_G

ClientSampleId :

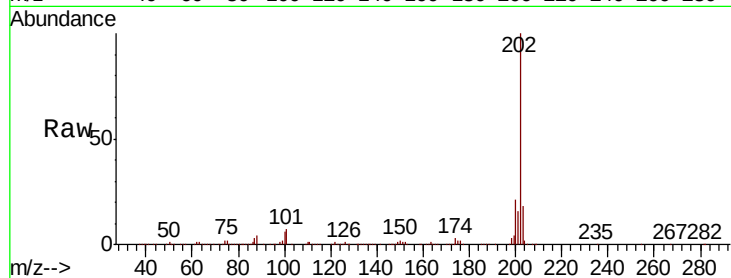
Tot Ion:202 Resp: 797505

Ion Ratio Lower Upper

202 100

101 6.8 0.0 26.3

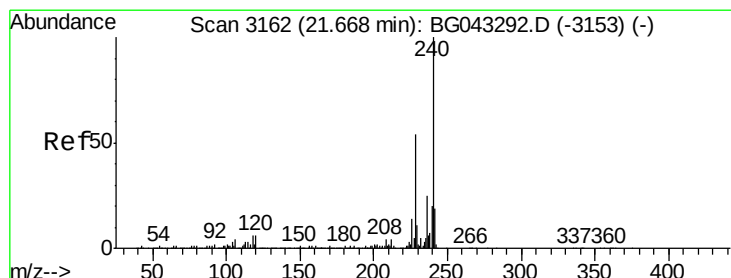
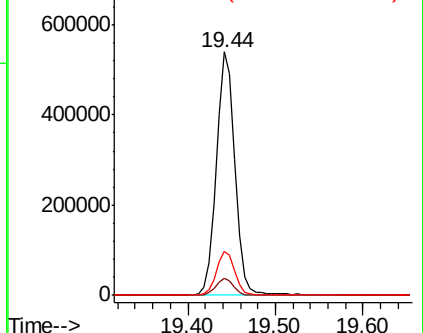
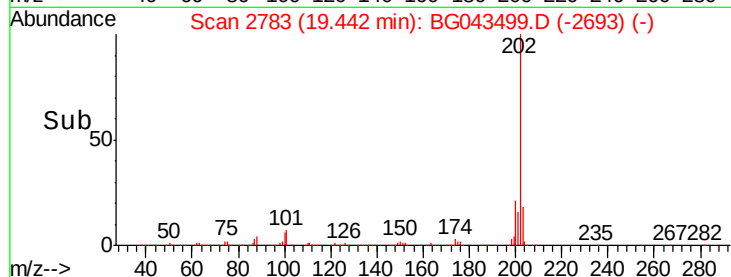
203 17.9 0.0 37.9



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. 0.01 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

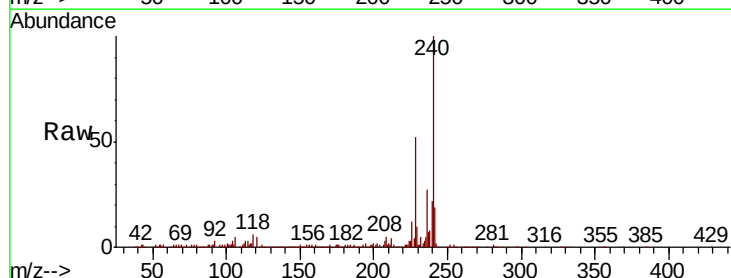
Tgt Ion:240 Resp: 256515

Ion Ratio Lower Upper

240 100

120 5.5 4.6 6.8

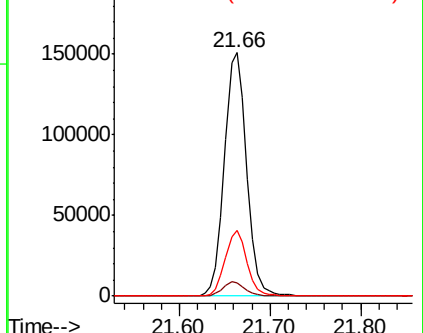
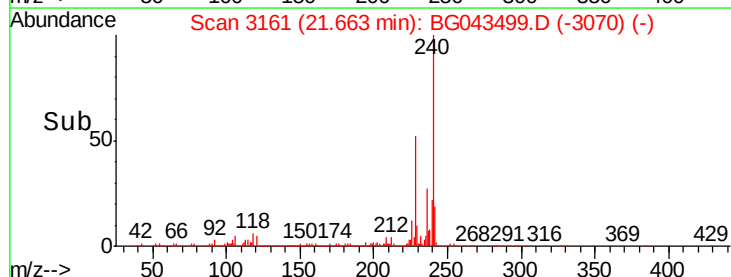
236 27.2 19.8 29.8

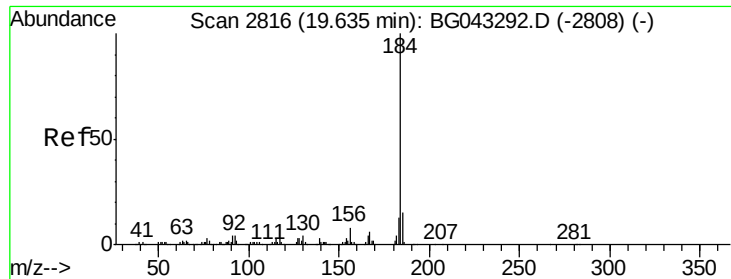


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.402 ng

RT: 19.64 min Scan# 2816

Delta R.T. 0.01 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

Instrument :

BNA_G

ClientSampled :

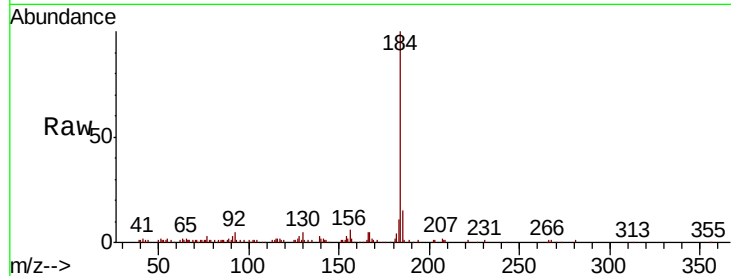
Tot Ion:184 Resp: 167275

Ion Ratio Lower Upper

184 100

185 14.6 11.0 16.4

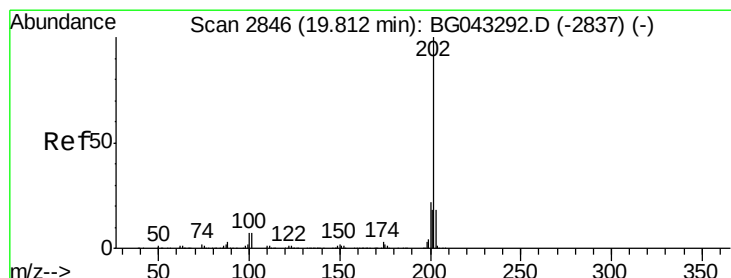
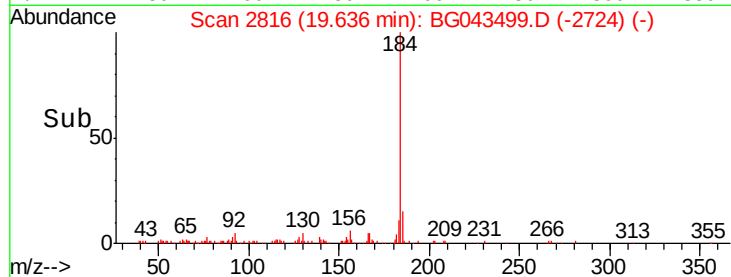
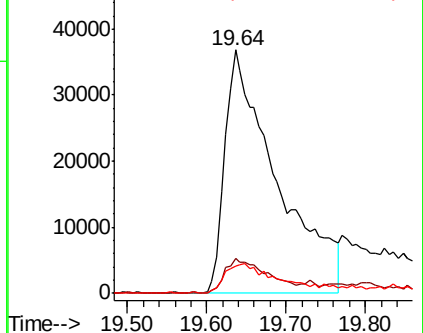
183 11.2 10.0 15.0



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: 50.581 ng

RT: 19.81 min Scan# 2845

Delta R.T. 0.01 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

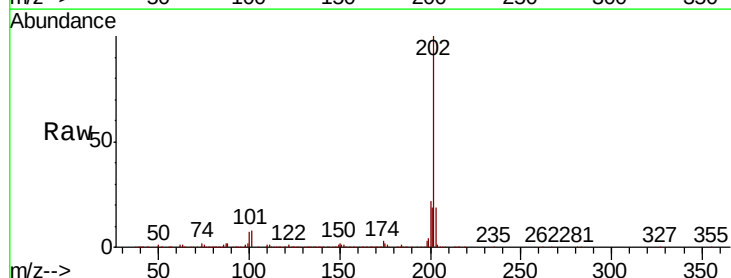
Tgt Ion:202 Resp: 803127

Ion Ratio Lower Upper

202 100

200 21.7 17.0 25.4

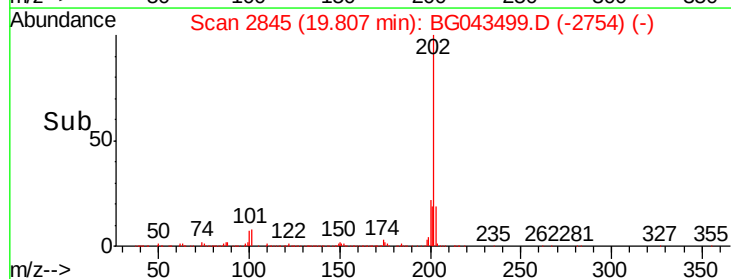
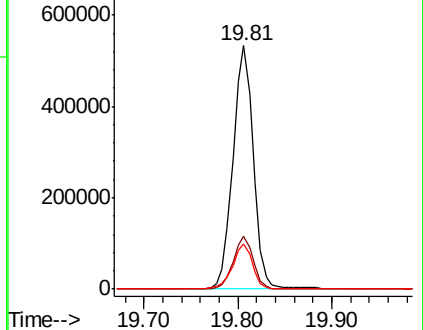
203 18.7 14.7 22.1

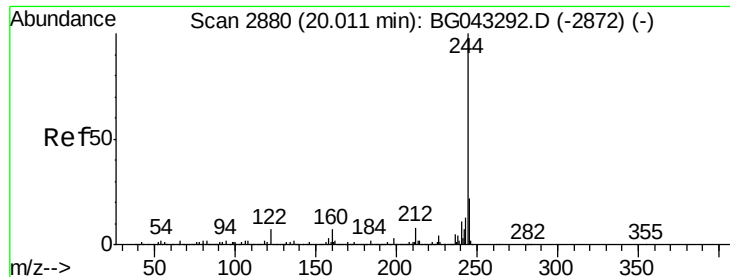


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 99.953 ng

RT: 20.00 min Scan# 2878

Delta R.T. 0.00 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

Instrument :

BNA_G

ClientSampleId :

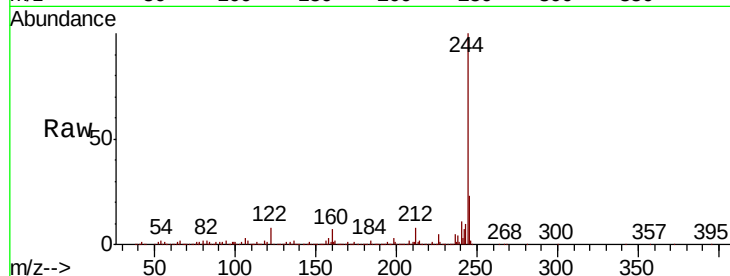
Tot Ion:244 Resp: 1366669

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.6

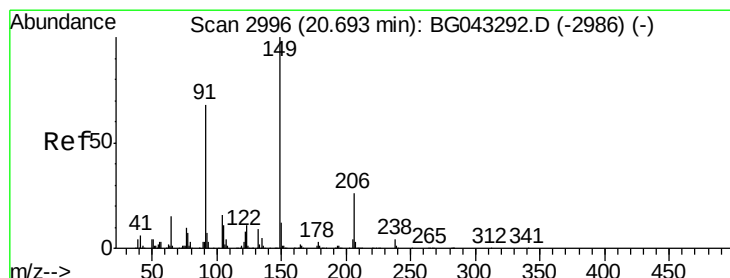
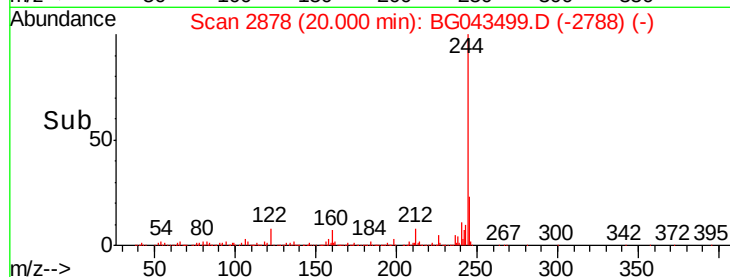
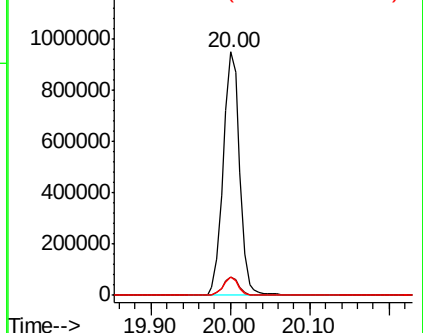
122 7.6 5.4 8.2



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: 50.003 ng

RT: 20.69 min Scan# 2995

Delta R.T. 0.00 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

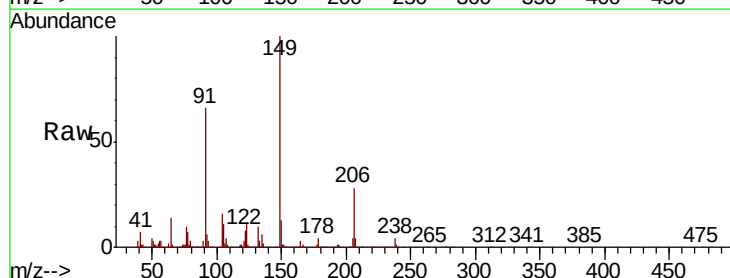
Tgt Ion:149 Resp: 300794

Ion Ratio Lower Upper

149 100

91 66.2 51.2 76.8

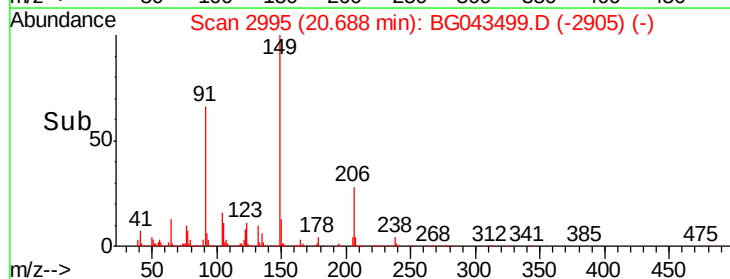
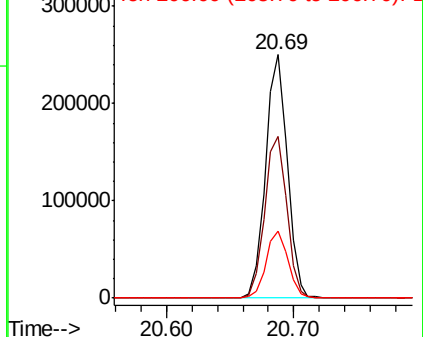
206 27.7 22.5 33.7

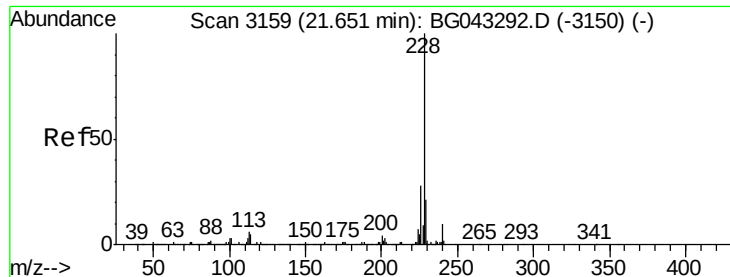


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 51.715 ng

RT: 21.64 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

Instrument :

BNA_G

ClientSampleId :

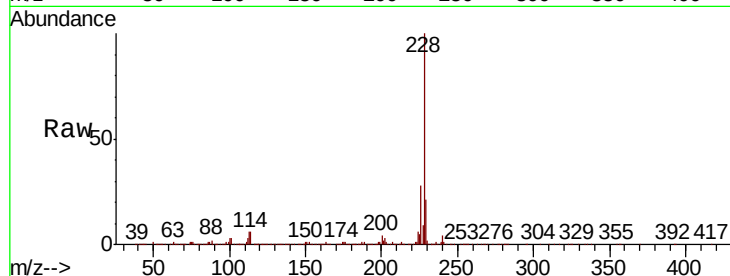
Tot Ion:228 Resp: 830948

Ion Ratio Lower Upper

228 100

226 27.8 22.2 33.2

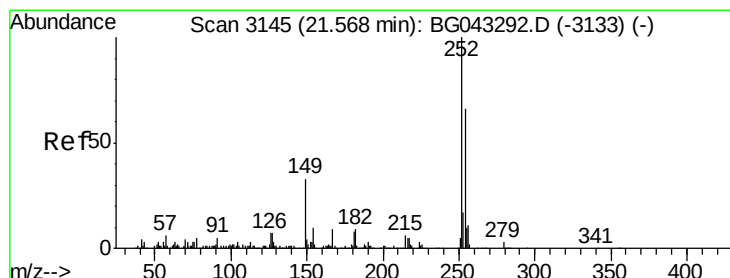
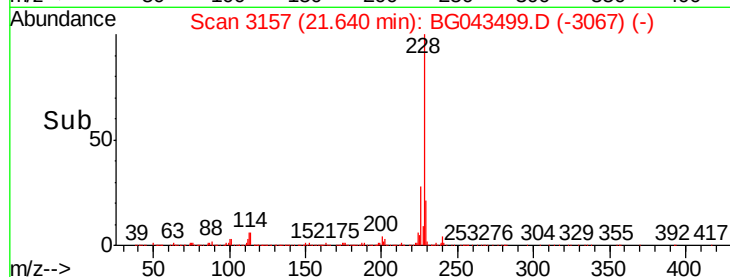
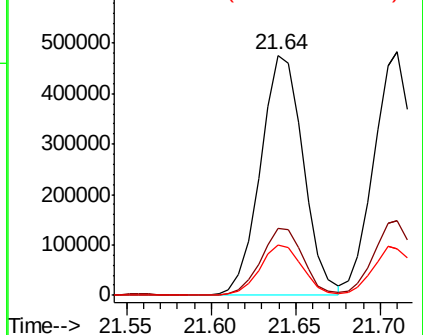
229 21.0 17.0 25.4



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: 44.749 ng

RT: 21.56 min Scan# 3143

Delta R.T. 0.01 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

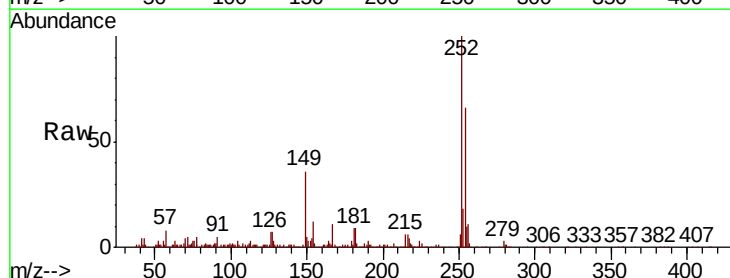
Tgt Ion:252 Resp: 278102

Ion Ratio Lower Upper

252 100

254 65.7 50.8 76.2

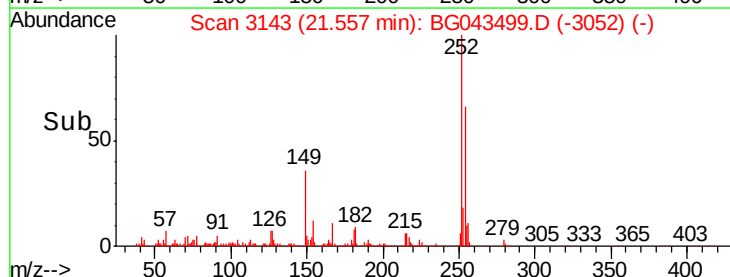
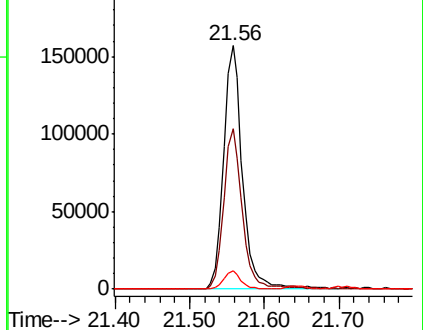
126 7.4 6.1 9.1

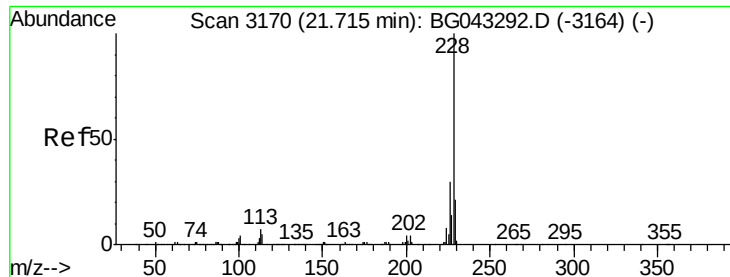


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 50.829 ng

RT: 21.71 min Scan# 3169

Delta R.T. 0.01 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

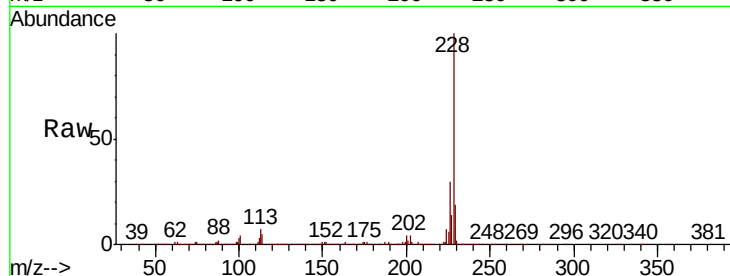
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 811468

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.1	37.7
229	19.3	17.0	25.4

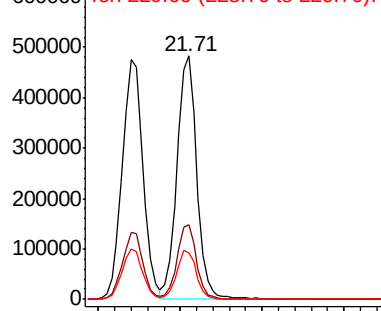


Abundance

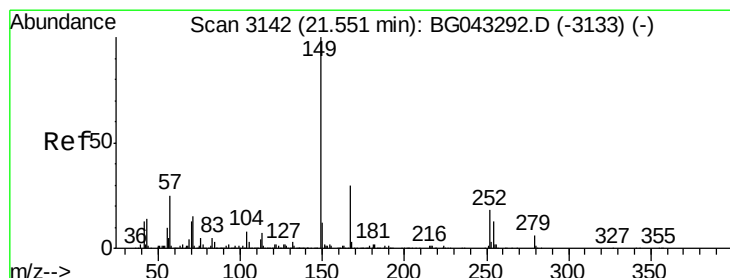
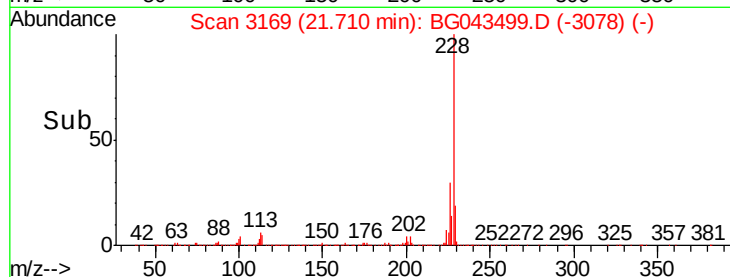
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.096 ng

RT: 21.54 min Scan# 3140

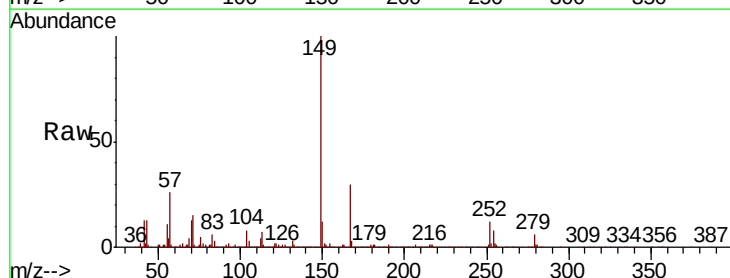
Delta R.T. 0.00 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

Tgt Ion:149 Resp: 445168

Ion	Ratio	Lower	Upper
149	100		
167	30.4	24.0	36.0
279	6.3	5.4	8.2

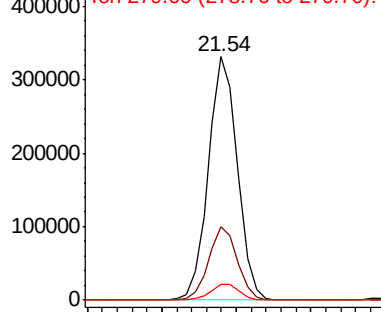


Abundance

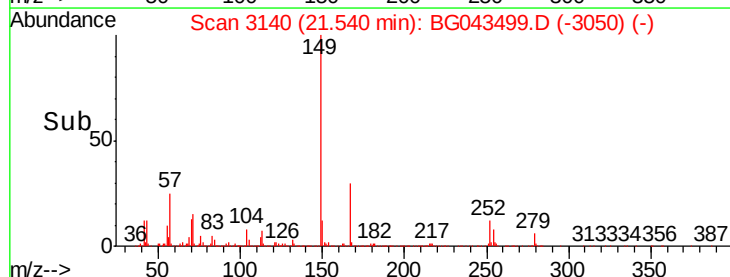
Ion 149.00 (148.70 to 149.70): E

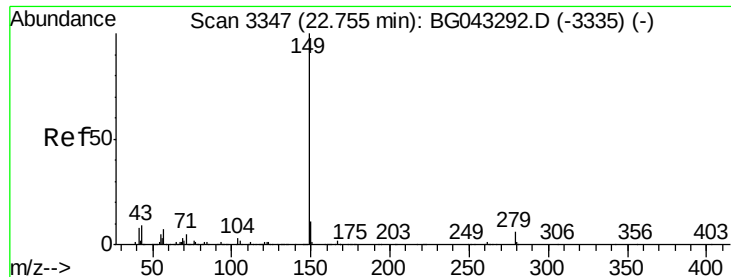
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#85

Di-n-octyl phthalate

Concen: 53.078 ng

RT: 22.74 min Scan# 3345

Delta R.T. 0.01 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

Instrument :

BNA_G

ClientSampled :

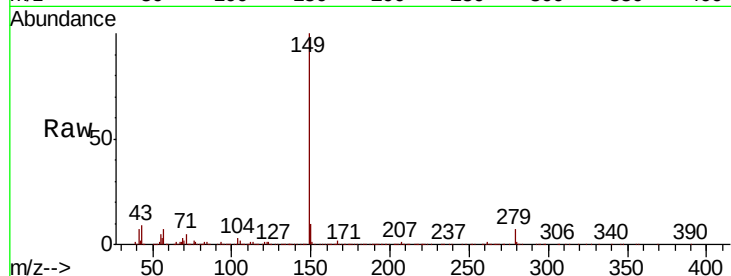
Tot Ion:149 Resp: 769495

Ion Ratio Lower Upper

149 100

167 2.0 1.4 2.2

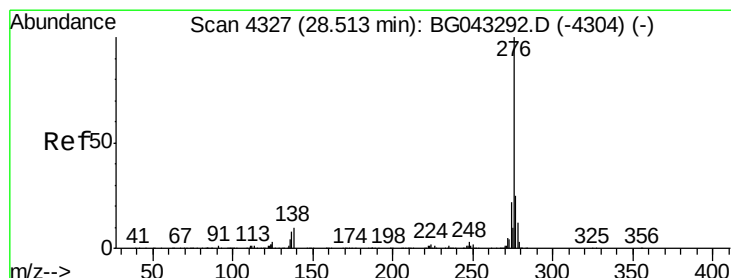
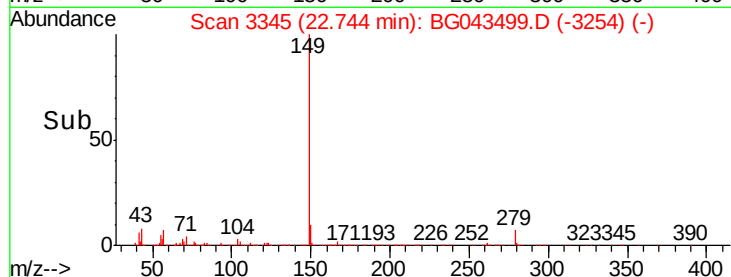
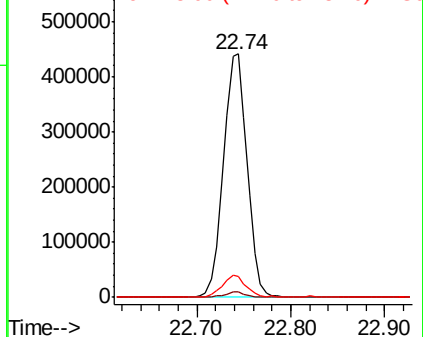
43 8.6 7.0 10.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.457 ng

RT: 28.52 min Scan# 4328

Delta R.T. 0.02 min

Lab File: BG043499.D

Acq: 5 Nov 2019 3:36

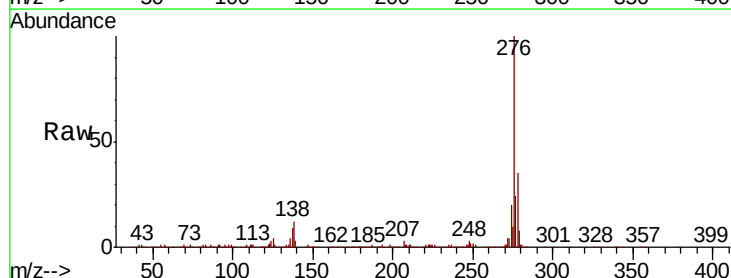
Tgt Ion:276 Resp: 971063

Ion Ratio Lower Upper

276 100

138 6.9 6.8 10.2

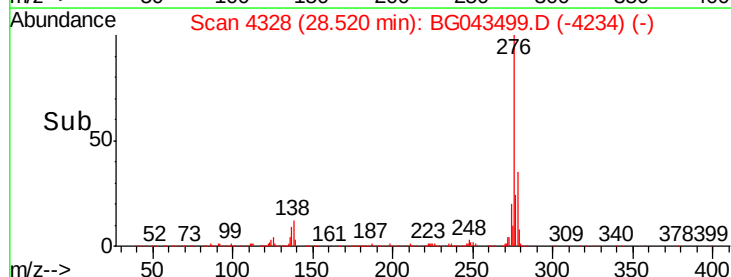
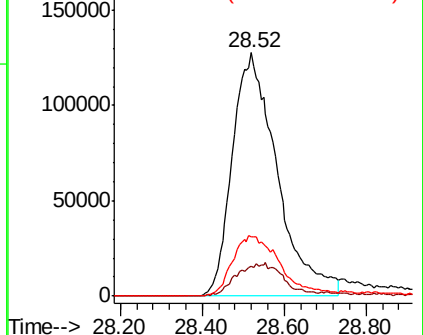
277 26.4 20.9 31.3

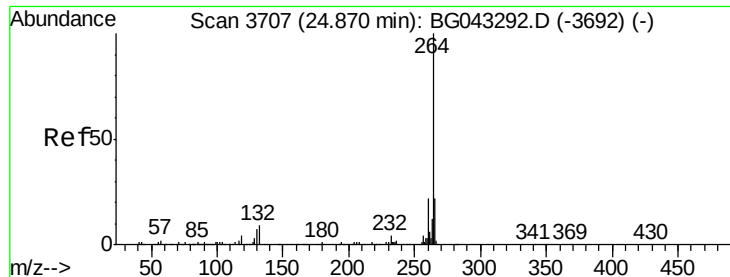


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



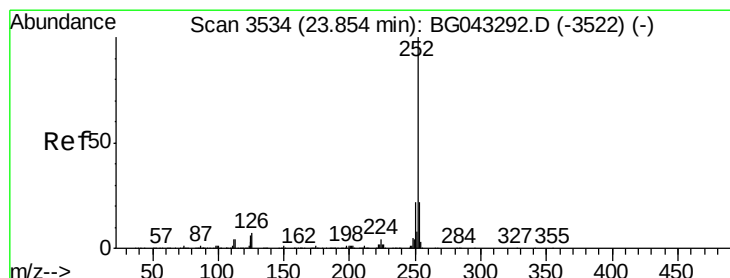
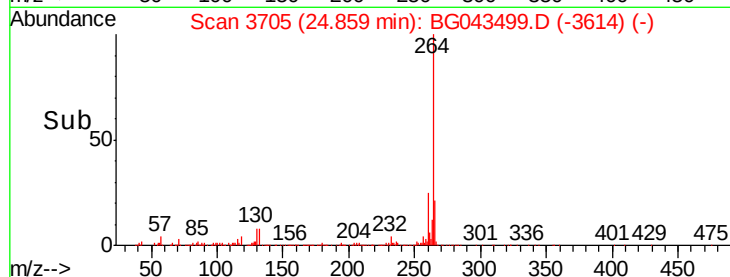
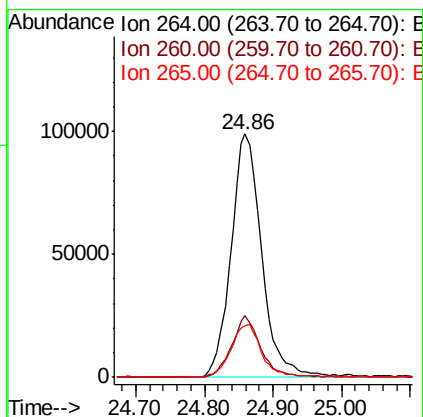
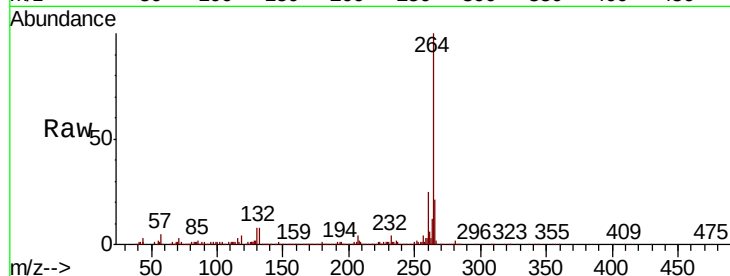


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3705
Delta R.T. 0.01 min
Lab File: BG043499.D
Acq: 5 Nov 2019 3:36

Instrument :
BNA_G
ClientSampled :

Tot Ion:264 Resp: 306470

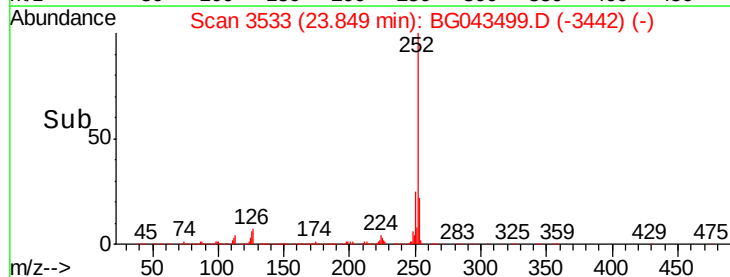
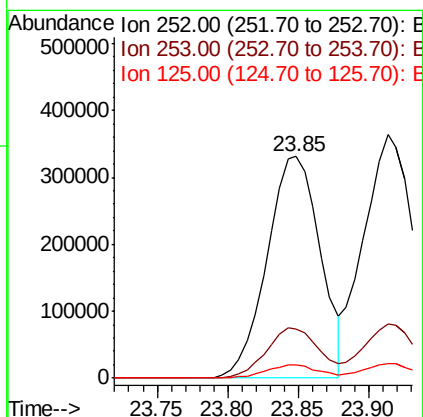
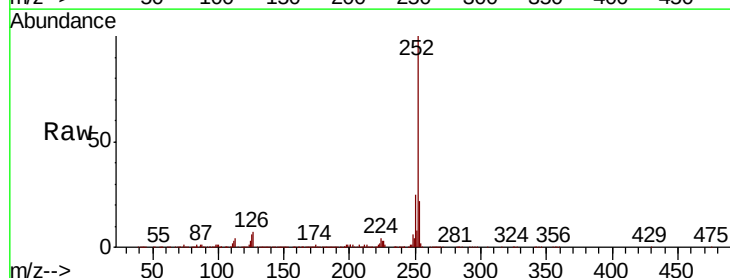
Ion	Ratio	Lower	Upper
264	100		
260	25.4	17.5	26.3
265	21.0	17.4	26.0

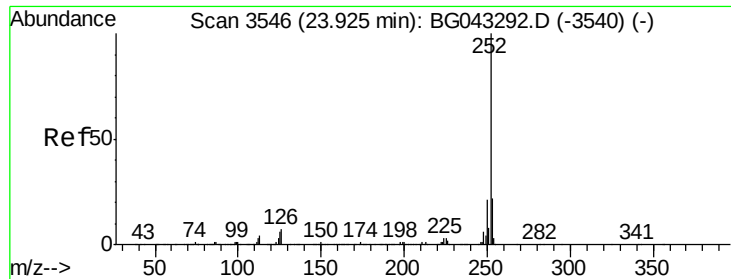


#88
Benzo(b)fluoranthene
Concen: 50.170 ng
RT: 23.85 min Scan# 3533
Delta R.T. 0.01 min
Lab File: BG043499.D
Acq: 5 Nov 2019 3:36

Tgt Ion:252 Resp: 870827

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	6.2	4.5	6.7

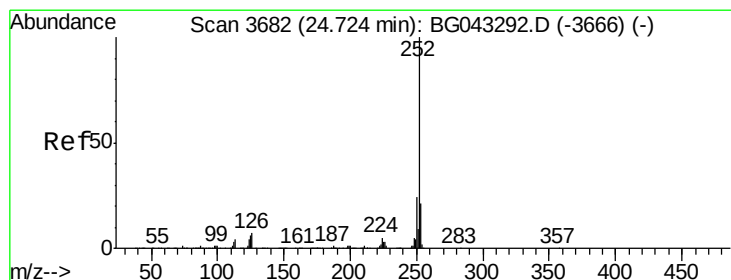
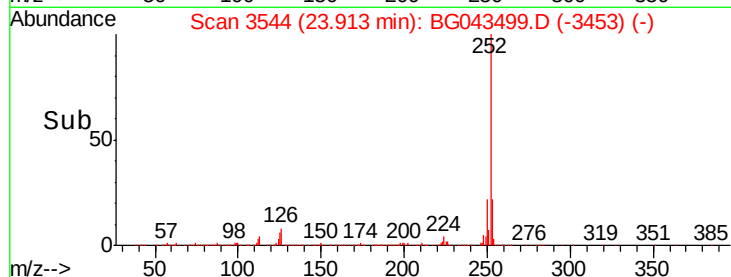
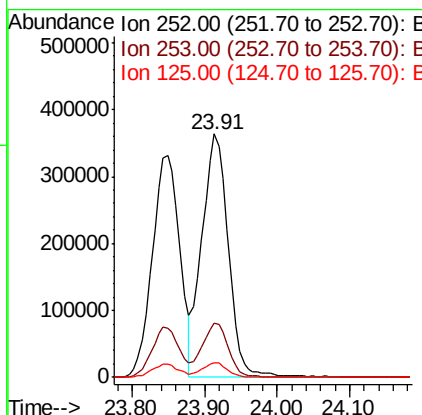
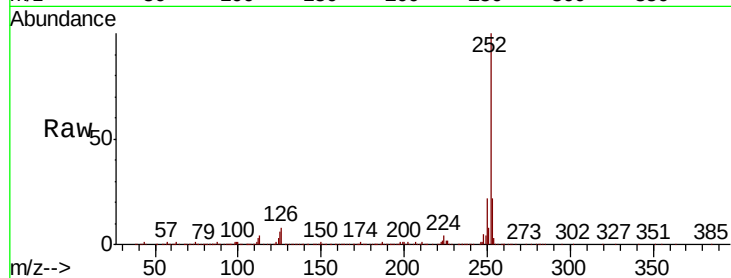




#89
Benzo(k)fluoranthene
Concen: 52.648 ng
RT: 23.91 min Scan# 3544
Delta R.T. 0.01 min
Lab File: BG043499.D
Acq: 5 Nov 2019 3:36

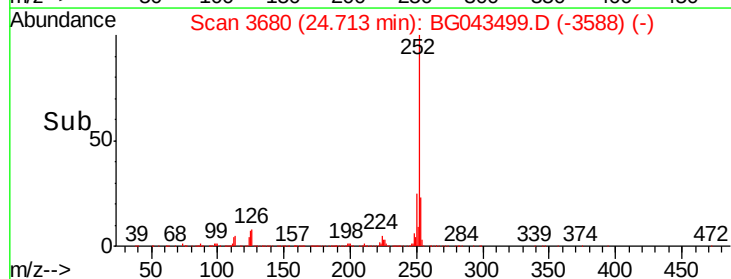
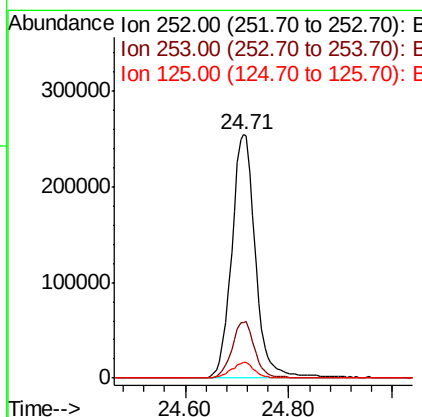
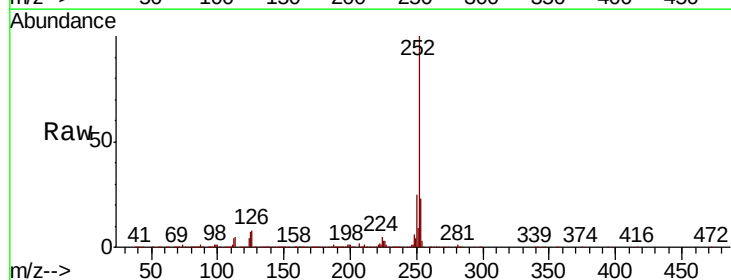
Instrument :
BNA_G
ClientSampleId :

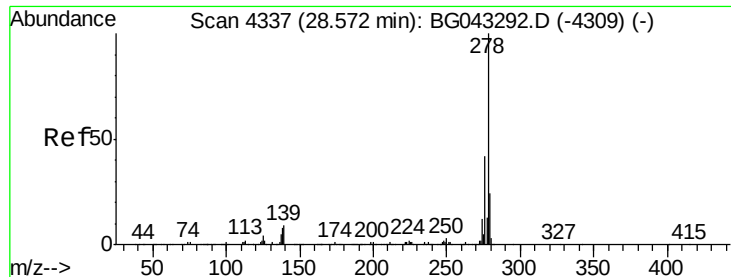
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	6.0	4.6	6.8



#90
Benzo(a)pyrene
Concen: 48.812 ng
RT: 24.71 min Scan# 3680
Delta R.T. 0.01 min
Lab File: BG043499.D
Acq: 5 Nov 2019 3:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	6.6	5.4	8.2

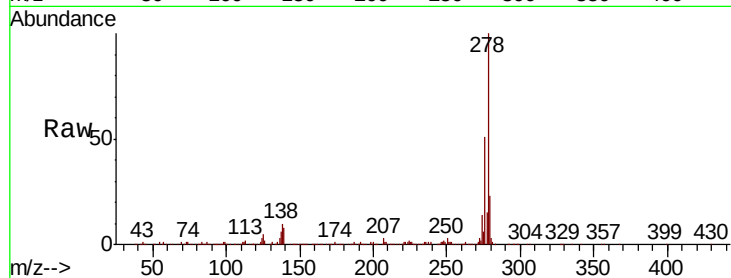




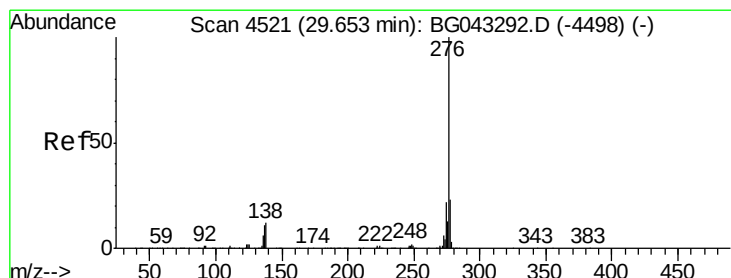
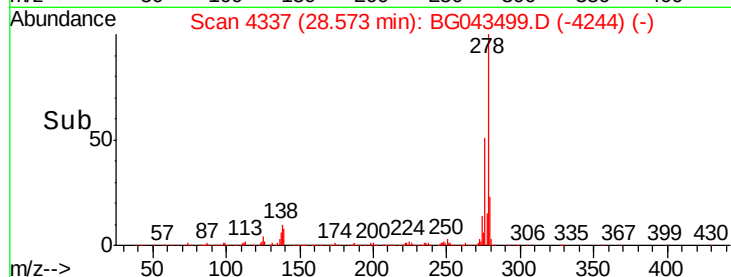
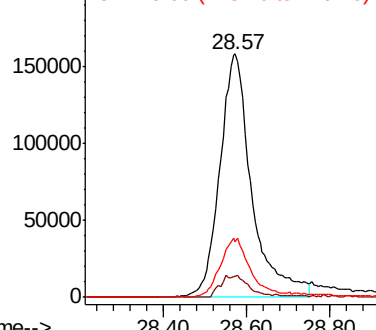
#91
Dibenzo(a,h)anthracene
Concen: 49.992 ng
RT: 28.57 min Scan# 4337
Delta R.T. 0.02 min
Lab File: BG043499.D
Acq: 5 Nov 2019 3:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 847559
Ion Ratio Lower Upper
278 100
139 8.4 7.4 11.0
279 22.9 19.1 28.7

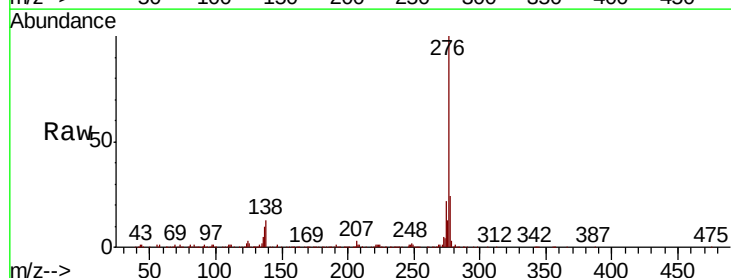


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 44.514 ng
RT: 29.65 min Scan# 4521
Delta R.T. 0.02 min
Lab File: BG043499.D
Acq: 5 Nov 2019 3:36

Tgt Ion:276 Resp: 744427
Ion Ratio Lower Upper
276 100
277 23.9 18.9 28.3
138 12.7 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

