

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
 Data File : BG043544.D
 Acq On : 7 Nov 2019 18:12
 Operator : JU
 Sample : K5710-11MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP- 32-DMS

Quant Time: Nov 08 04:16:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	32663	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	125035	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	85795	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	206612	20.00	ng	0.00
76) Chrysene-d12	21.65	240	220174	20.00	ng	0.00
87) Perylene-d12	24.84	264	254123	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	218768	122.73	ng	0.02
7) Phenol-d6	7.22	99	307830	120.03	ng	0.02
23) Nitrobenzene-d5	9.17	82	182129	75.10	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	183877	112.62	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	462447	74.48	ng	0.00
79) Terphenyl-d14	19.99	244	861128	73.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	24424	35.162	ng	# 91
3) Pyridine	3.87	79	63286	36.118	ng	97
4) n-Nitrosodimethylamine	3.79	42	37841	42.798	ng	92
6) Aniline	7.34	93	61685	20.880	ng	96
8) 2-Chlorophenol	7.59	128	87454	44.446	ng	99
9) Benzaldehyde	7.15	77	44232	35.095	ng	95
10) Phenol	7.24	94	115036	49.088	ng	98
11) bis(2-Chloroethyl)ether	7.43	93	69614	38.421	ng	98
12) 1,3-Dichlorobenzene	7.89	146	95614	38.784	ng	96
13) 1,4-Dichlorobenzene	8.04	146	99366	39.837	ng	98
14) 1,2-Dichlorobenzene	8.36	146	94244	38.698	ng	98
15) Benzyl Alcohol	8.26	79	76237	42.328	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	96756	36.726	ng	97
17) 2-Methylphenol	8.48	107	73396	42.962	ng	96
18) Hexachloroethane	9.09	117	34677	38.534	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	63480	38.306	ng	97
20) 3+4-Methylphenols	8.81	107	96108	41.025	ng	# 87
22) Acetophenone	8.83	105	125661	39.244	ng	# 93
24) Nitrobenzene	9.22	77	95610	41.383	ng	# 96
25) Isophorone	9.73	82	180169	40.633	ng	99
26) 2-Nitrophenol	9.93	139	49810	44.656	ng	# 94
27) 2,4-Dimethylphenol	10.00	122	79992	50.036	ng	95
28) bis(2-Chloroethoxy)methane	10.21	93	96836	39.569	ng	96
29) 2,4-Dichlorophenol	10.48	162	91168	44.508	ng	94
30) 1,2,4-Trichlorobenzene	10.67	180	101424	39.286	ng	98
31) Naphthalene	10.86	128	269608	42.480	ng	99
32) Benzoic acid	10.19	122	42505	37.305	ng	95
33) 4-Chloroaniline	10.99	127	32873	12.636	ng	95
34) Hexachlorobutadiene	11.15	225	72832	38.163	ng	95
35) Caprolactam	11.75	113	31070	44.042	ng	93
36) 4-Chloro-3-methylphenol	12.13	107	97341	43.566	ng	97
37) 2-Methylnaphthalene	12.47	142	201327	41.343	ng	99
38) 1-Methylnaphthalene	12.68	142	191114	41.247	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	127629	40.196	ng	98

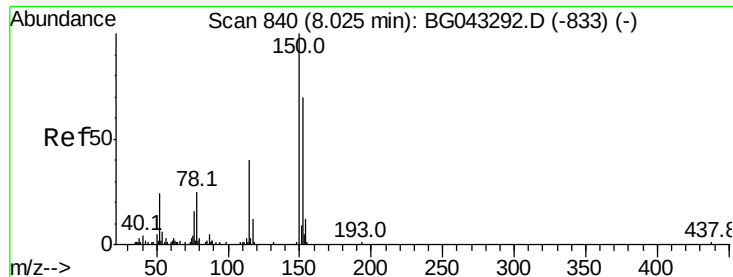
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
 Data File : BG043544.D
 Acq On : 7 Nov 2019 18:12
 Operator : JU
 Sample : K5710-11MS
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Instrument :
 BNA_G
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Quant Time: Nov 08 04:16:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	131235	78.682	nq	99
43) 2,4,6-Trichlorophenol	13.09	196	82850	44.308	nq	99
44) 2,4,5-Trichlorophenol	13.18	196	88258	46.687	nq	94
46) 1,1'-Biphenyl	13.47	154	270845	41.497	nq	96
47) 2-Chloronaphthalene	13.52	162	207345	41.752	nq	98
48) 2-Nitroaniline	13.73	65	63035	42.469	nq	88
49) Acenaphthylene	14.36	152	340399	44.042	nq	99
50) Dimethylphthalate	14.09	163	323645	48.702	nq	99
51) 2,6-Dinitrotoluene	14.22	165	63768	44.170	nq	95
52) Acenaphthene	14.70	154	199171	42.257	nq	95
53) 3-Nitroaniline	14.56	138	25802	18.511	nq	94
54) 2,4-Dinitrophenol	14.76	184	65188	73.009	nq	94
55) Dibenzofuran	15.04	168	328972	43.039	nq	99
56) 4-Nitrophenol	14.91	139	87513	93.690	nq	96
57) 2,4-Dinitrotoluene	15.00	165	87326	42.325	nq	# 98
58) Fluorene	15.68	166	276306	43.100	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	88225	43.926	nq	# 67
60) Diethylphthalate	15.45	149	272244	40.772	nq	99
61) 4-Chlorophenyl-phenylether	15.67	204	152882	40.879	nq	94
62) 4-Nitroaniline	15.72	138	57561	39.986	nq	92
63) Azobenzene	15.97	77	230490	42.652	nq	97
65) 4,6-Dinitro-2-methylphenol	15.77	198	53838	44.278	nq	95
66) n-Nitrosodiphenylamine	15.90	169	246294	42.223	nq	99
67) 4-Bromophenyl-phenylether	16.57	248	111083	39.950	nq	95
68) Hexachlorobenzene	16.70	284	122662	38.432	nq	97
69) Atrazine	16.84	200	107832	53.200	nq	96
70) Pentachlorophenol	17.05	266	109440	75.251	nq	99
71) Phenanthrene	17.42	178	439370	41.528	nq	98
72) Anthracene	17.52	178	459134	43.374	nq	98
73) Carbazole	17.79	167	409599	42.729	nq	98
74) Di-n-butylphthalate	18.34	149	481926	41.434	nq	98
75) Fluoranthene	19.44	202	579695	42.028	nq	100
77) Benzidine	19.62	184	180602	40.758	nq	99
78) Pyrene	19.80	202	589951	43.288	nq	99
80) Butylbenzylphthalate	20.68	149	217971	42.215	nq	96
81) Benzo(a)anthracene	21.63	228	596066	43.220	nq	99
82) 3,3'-Dichlorobenzidine	21.55	252	104882	19.662	nq	98
83) Chrysene	21.70	228	582245	42.490	nq	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	313035	42.680	nq	99
85) Di-n-octyl phthalate	22.73	149	527949	42.427	nq	99
86) Indeno(1,2,3-cd)pyrene	28.48	276	735478	42.759	nq	# 96
88) Benzo(b)fluoranthene	23.83	252	604703	42.015	nq	98
89) Benzo(k)fluoranthene	23.90	252	629294	43.432	nq	98
90) Benzo(a)pyrene	24.70	252	575119	41.845	nq	98
91) Dibenzo(a,h)anthracene	28.54	278	623590	44.358	nq	99
92) Benzo(g,h,i)perylene	29.63	276	618089	44.573	nq	98

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

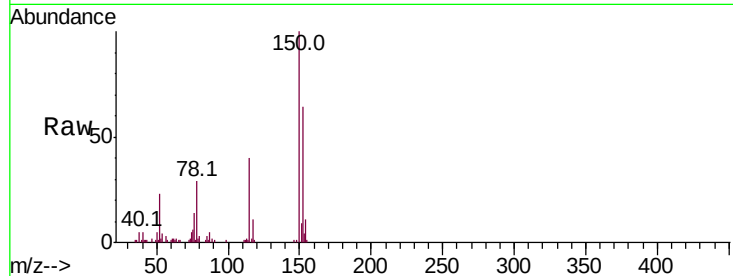


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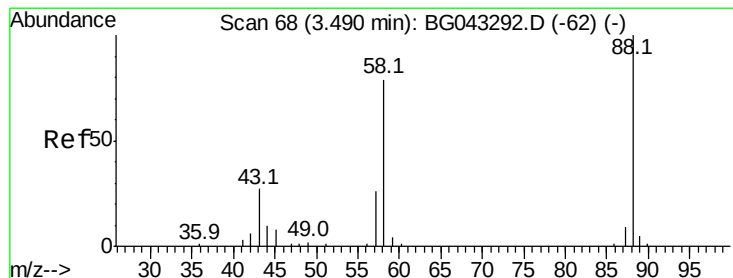
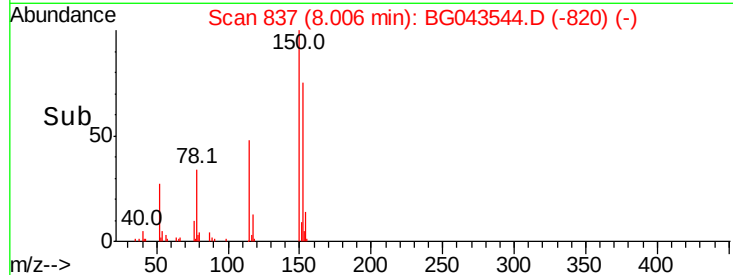
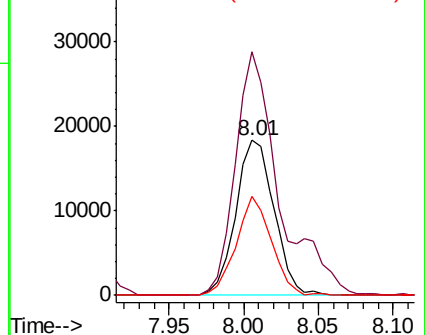
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043544.D
Acq: 7 Nov 2019 18:12

Instrument :
BNA_G
ClientSampleId :
TP- 32-DMS

Tot Ion:152 Resp: 32663
Ion Ratio Lower Upper
152 100
150 156.8 129.4 194.0
115 63.5 48.8 73.2



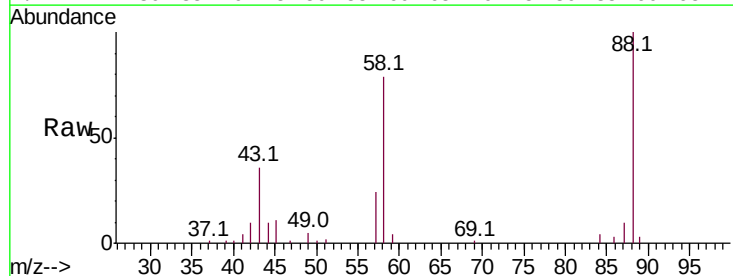
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



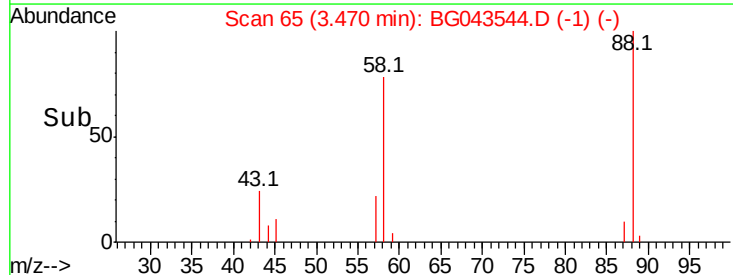
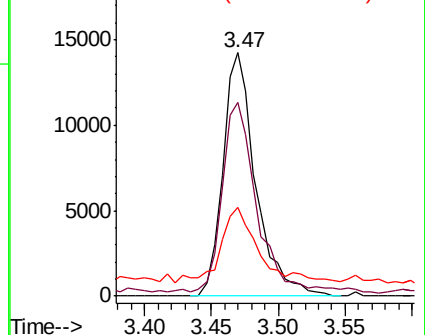
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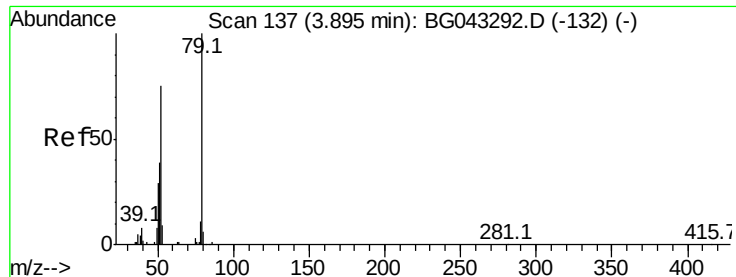
1,4-Dioxane
Concen: 35.162 ng
RT: 3.47 min Scan# 65
Delta R.T. -0.00 min
Lab File: BG043544.D
Acq: 7 Nov 2019 18:12

Tgt Ion: 88 Resp: 24424
Ion Ratio Lower Upper
88 100
58 84.3 62.7 94.1
43 38.5 23.7 35.5#



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





#3

Pvridine

Concen: 36.118 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMS

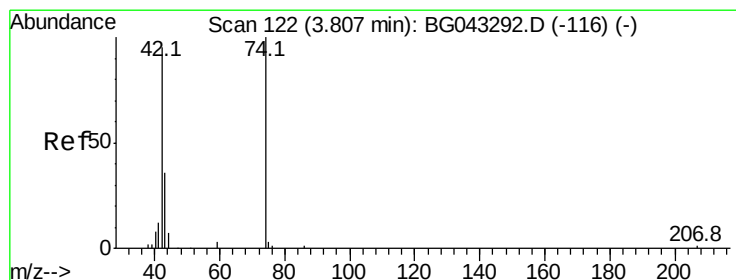
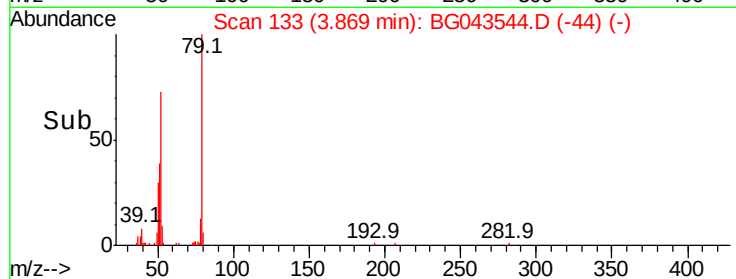
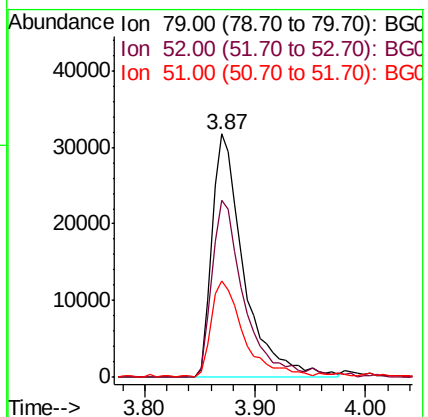
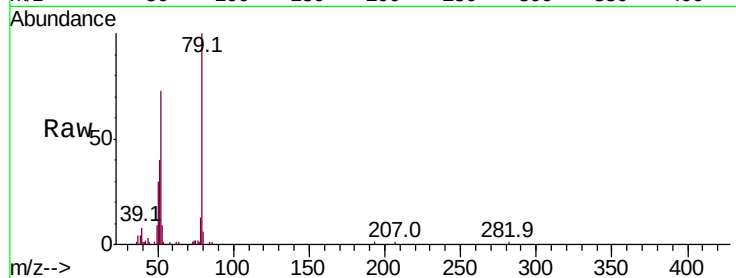
Tot Ion: 79 Resp: 63286

Ion Ratio Lower Upper

79 100

52 72.7 56.5 84.7

51 39.9 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 42.798 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.00 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

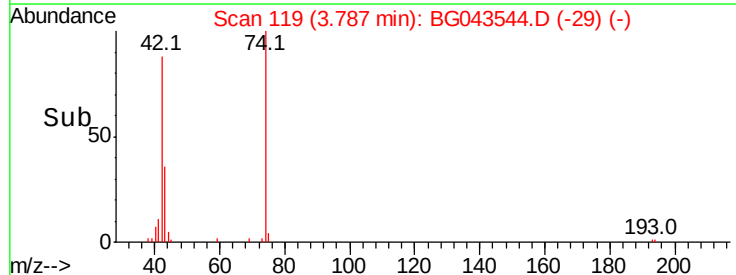
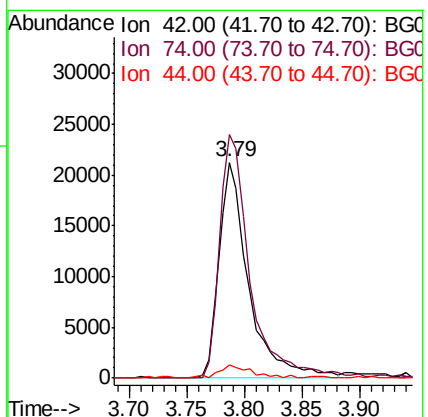
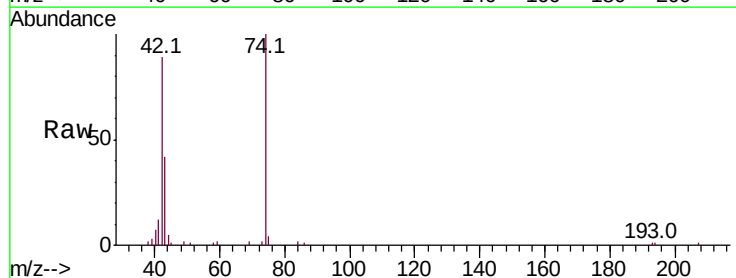
Tgt Ion: 42 Resp: 37841

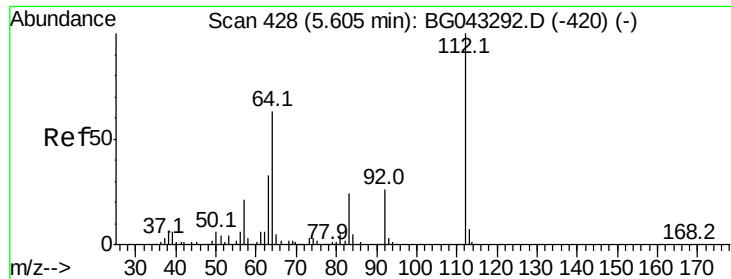
Ion Ratio Lower Upper

42 100

74 112.7 97.3 145.9

44 5.8 4.4 6.6





#5

2-Fluorophenol

Concen: 122.732 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.02 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMS

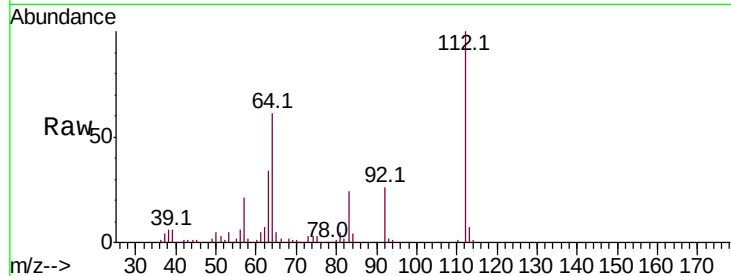
Tot Ion:112 Resp: 218768

Ion Ratio Lower Upper

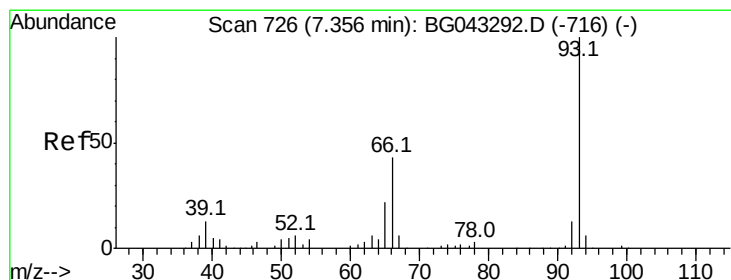
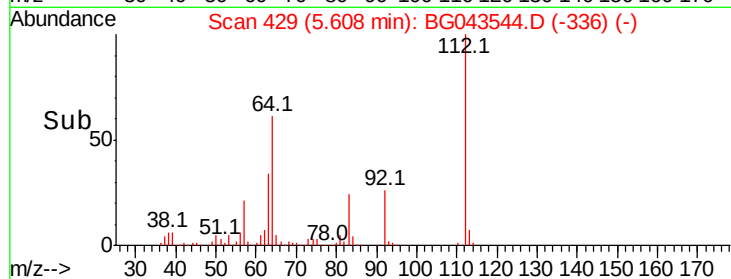
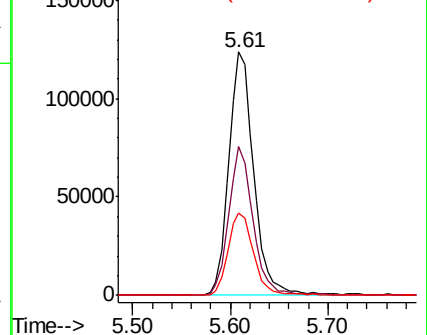
112 100

64 61.0 50.0 75.0

63 33.7 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: 20.880 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.00 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

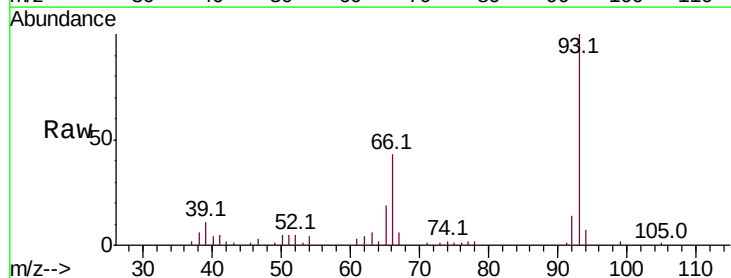
Tgt Ion: 93 Resp: 61685

Ion Ratio Lower Upper

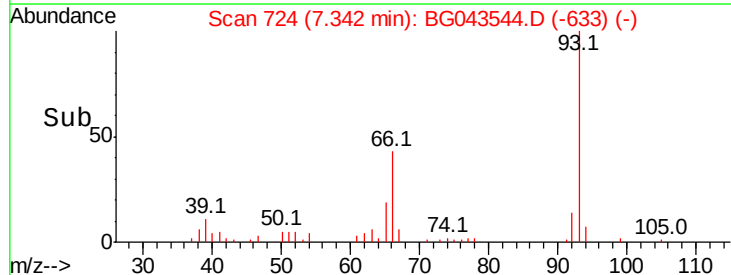
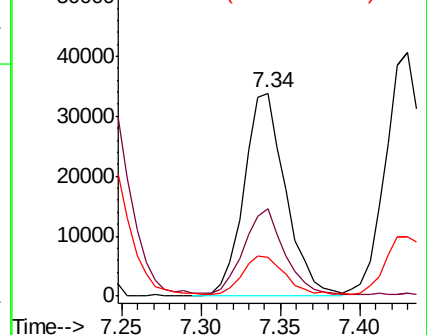
93 100

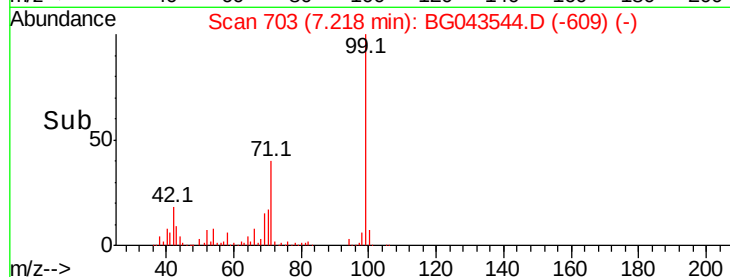
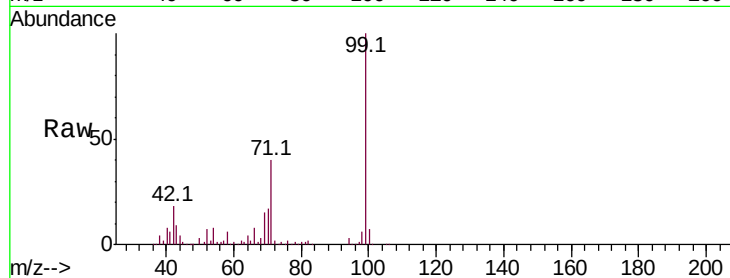
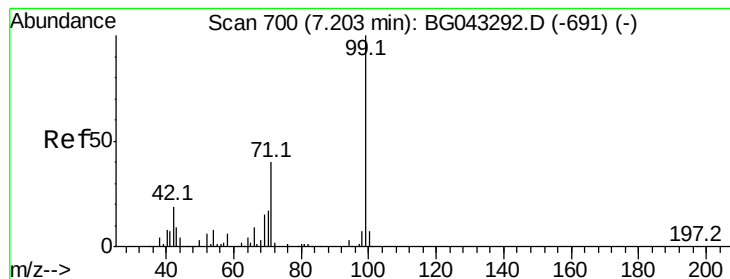
66 43.2 32.3 48.5

65 19.3 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: 120.032 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.02 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMS

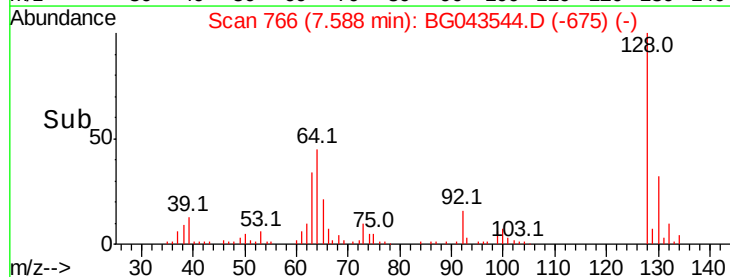
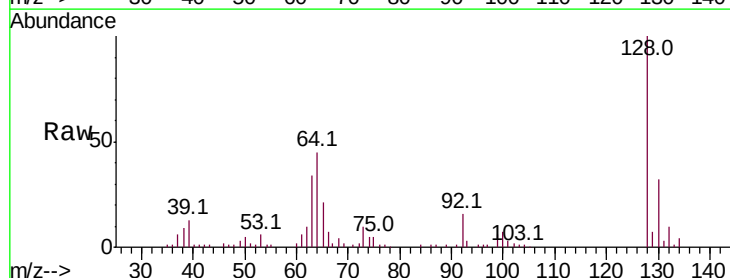
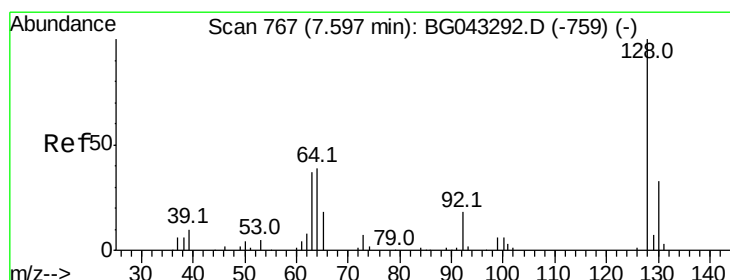
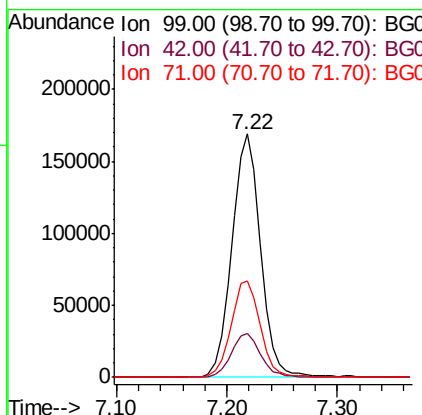
Tot Ion: 99 Resp: 307830

Ion Ratio Lower Upper

99 100

42 18.0 14.6 21.8

71 39.8 32.5 48.7



#8

2-Chlorophenol

Concen: 44.446 ng

RT: 7.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

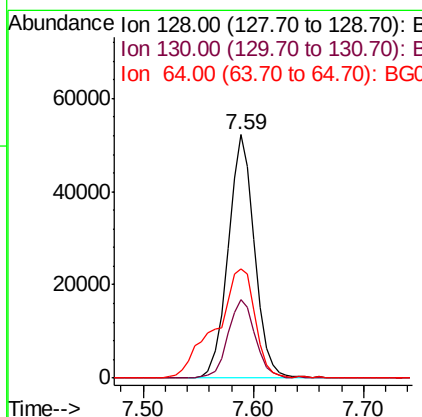
Tgt Ion: 128 Resp: 87454

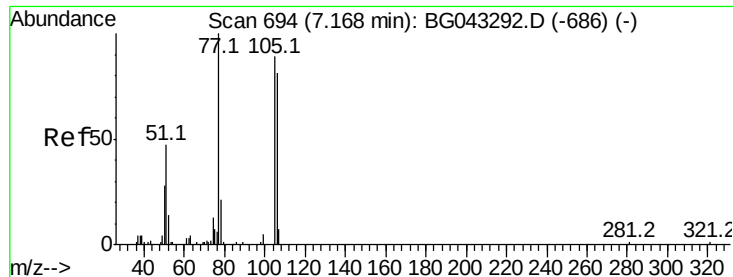
Ion Ratio Lower Upper

128 100

130 32.3 12.5 52.5

64 44.8 25.3 65.3





#9

Benzaldehyde

Concen: 35.095 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMS

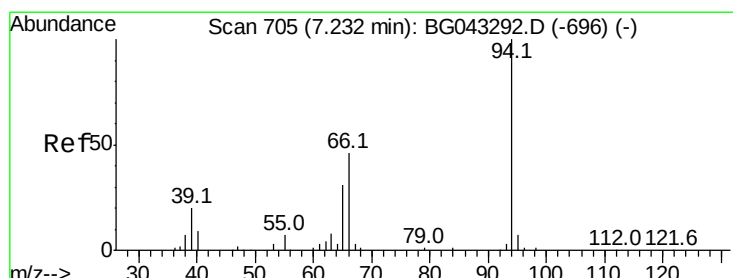
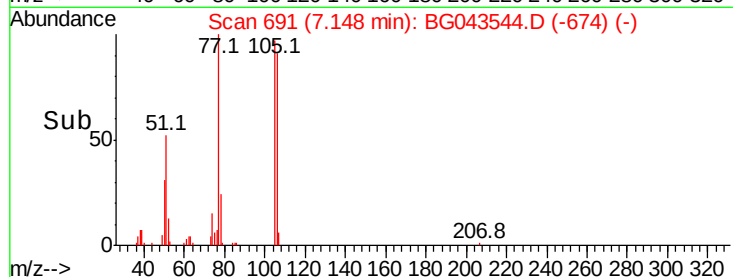
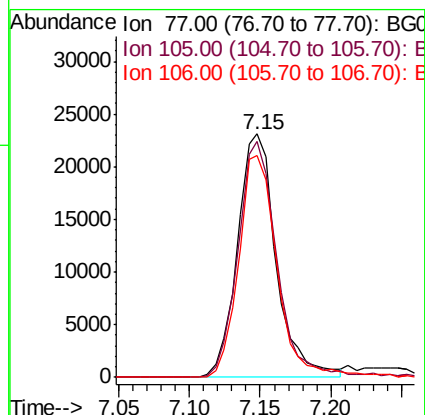
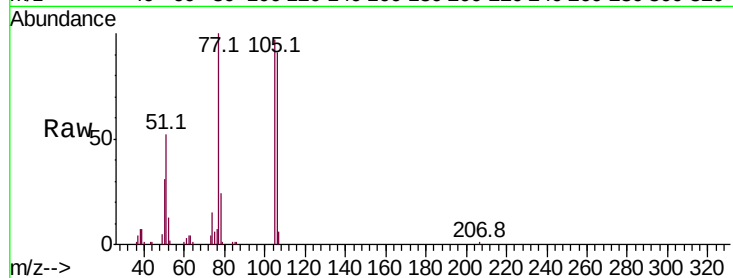
Tot Ion: 77 Resp: 44232

Ion Ratio Lower Upper

77 100

105 96.8 68.6 108.6

106 91.4 69.9 109.9



#10

Phenol

Concen: 49.088 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.02 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

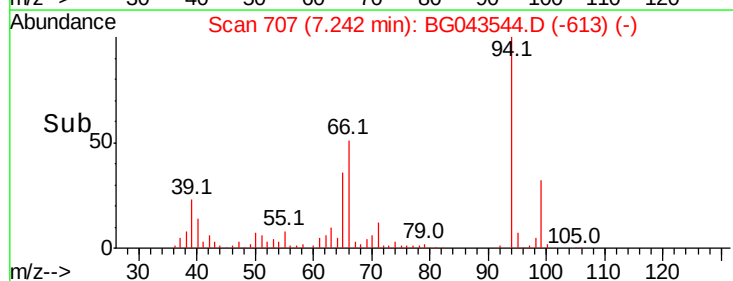
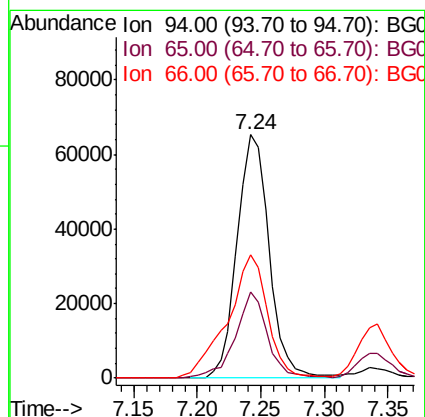
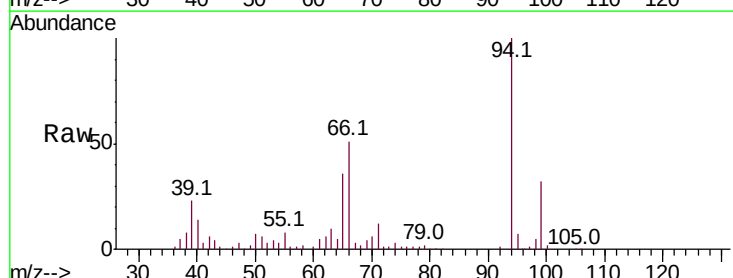
Tgt Ion: 94 Resp: 115036

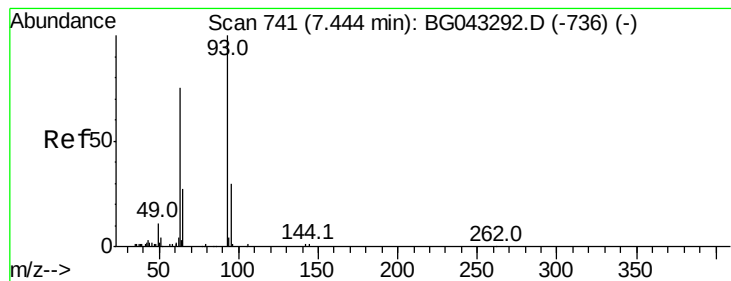
Ion Ratio Lower Upper

94 100

65 35.6 12.6 52.6

66 50.6 30.7 70.7





#11

bis(2-Chloroethyl)ether

Concen: 38.421 ng

RT: 7.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

Instrument :

BNA_G

ClientSampled :

TP- 32-DMS

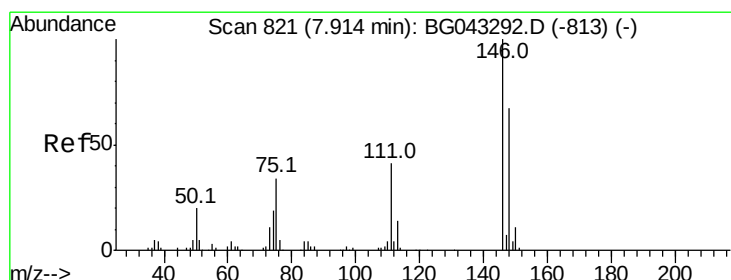
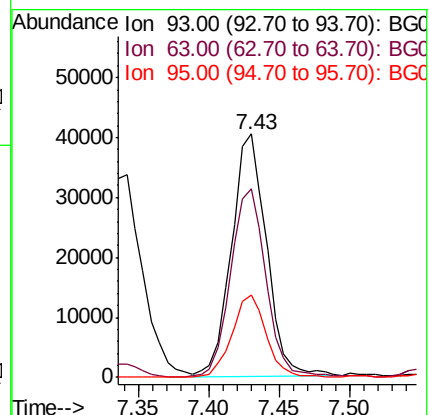
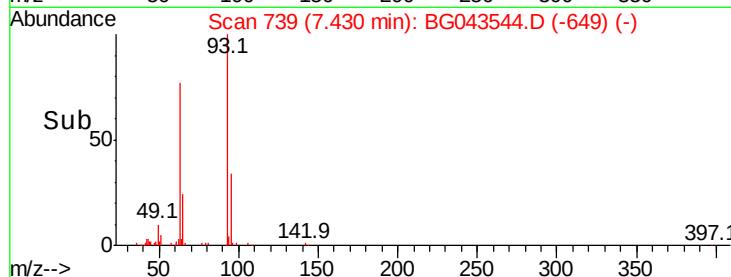
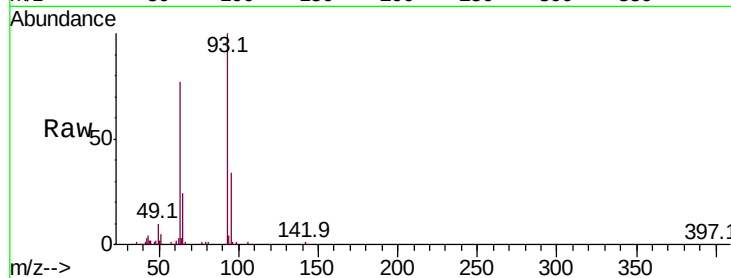
Tot Ion: 93 Resp: 69614

Ion Ratio Lower Upper

93 100

63 77.5 56.3 96.3

95 34.0 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 38.784 ng

RT: 7.89 min Scan# 818

Delta R.T. -0.01 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

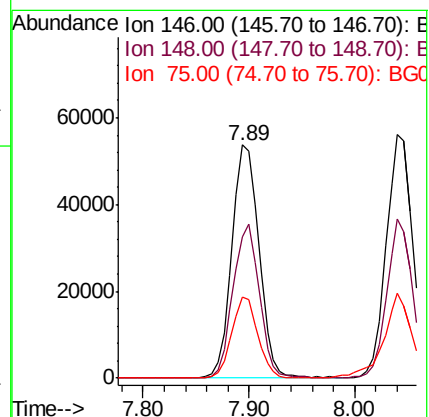
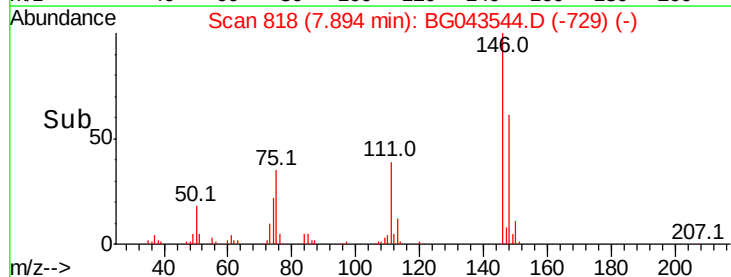
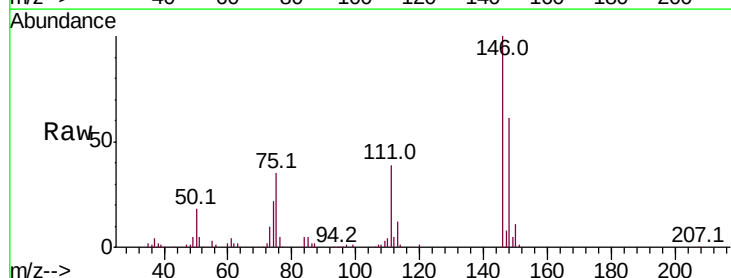
Tgt Ion: 146 Resp: 95614

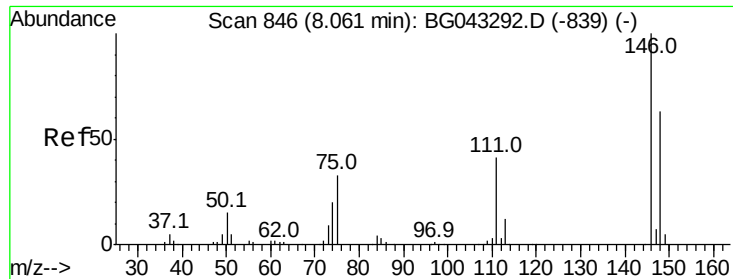
Ion Ratio Lower Upper

146 100

148 60.7 50.3 75.5

75 34.7 24.6 37.0





#13

1,4-Dichlorobenzene

Concen: 39.837 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.00 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMS

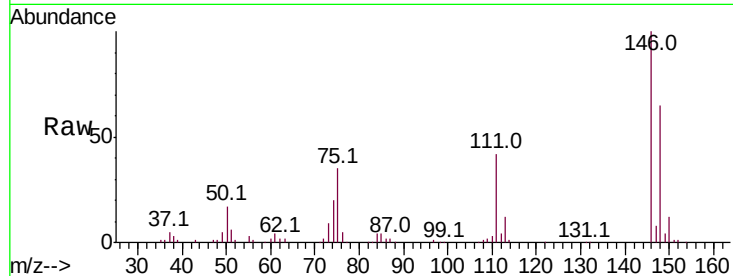
Tot Ion:146 Resp: 99366

Ion Ratio Lower Upper

146 100

148 65.3 50.7 76.1

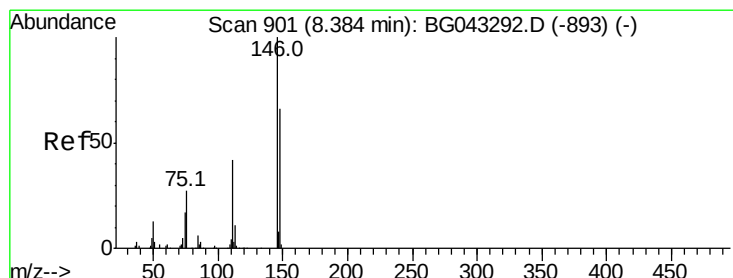
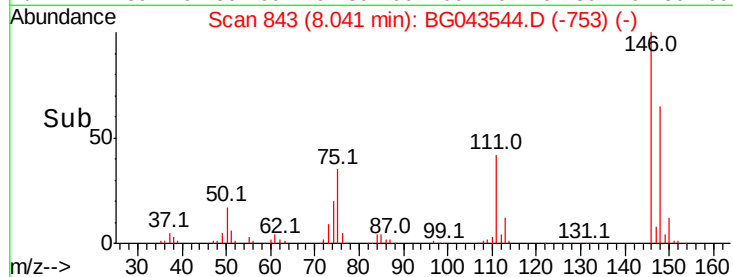
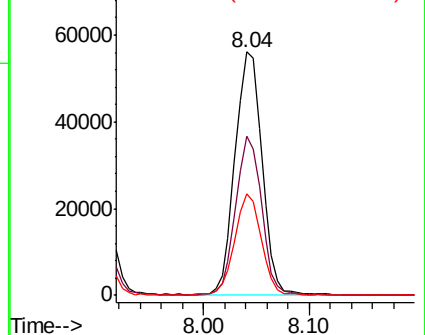
111 41.7 33.4 50.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.698 ng

RT: 8.36 min Scan# 898

Delta R.T. -0.00 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

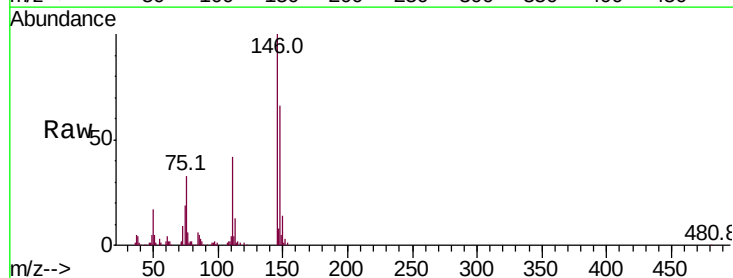
Tgt Ion:146 Resp: 94244

Ion Ratio Lower Upper

146 100

148 66.0 53.2 79.8

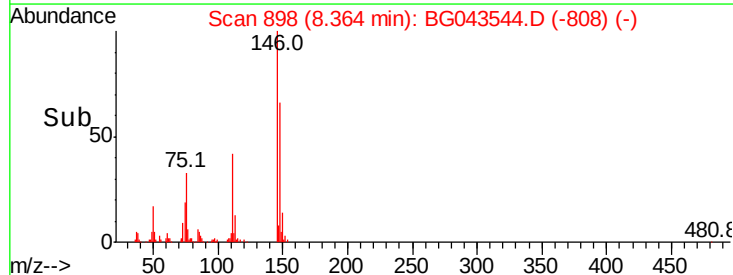
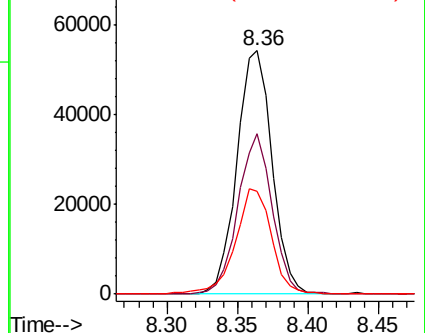
111 42.5 35.8 53.6

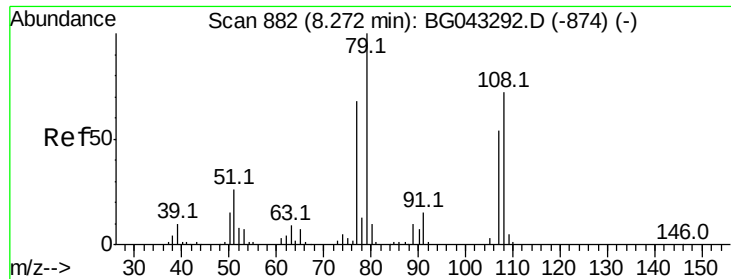


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.328 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMS

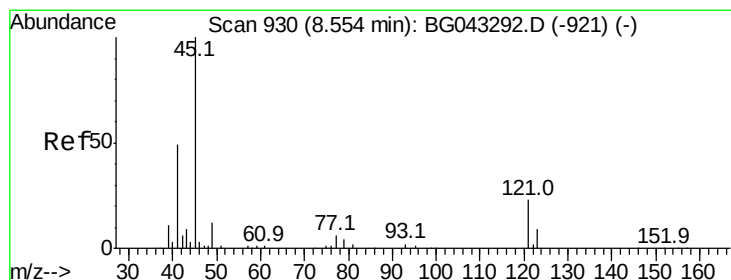
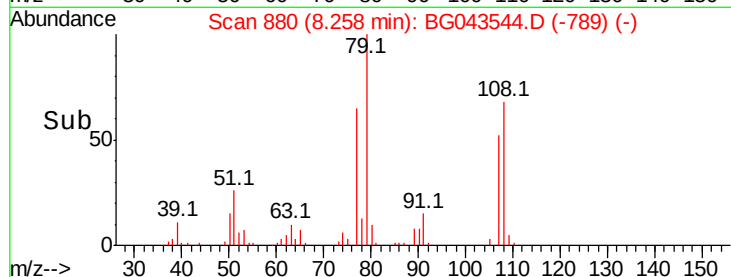
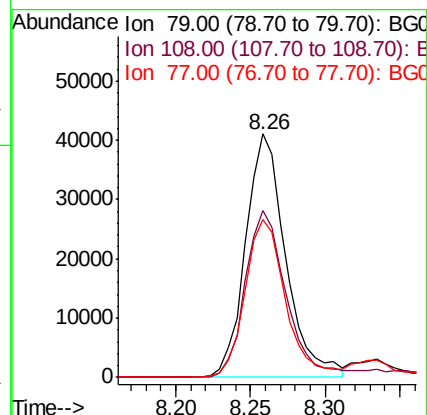
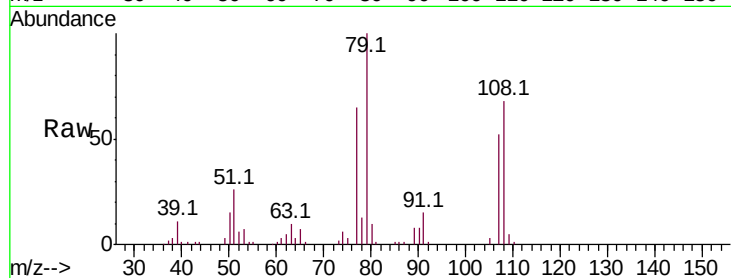
Tot Ion: 79 Resp: 76237

Ion Ratio Lower Upper

79 100

108 68.3 53.6 80.4

77 64.6 49.6 74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.726 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

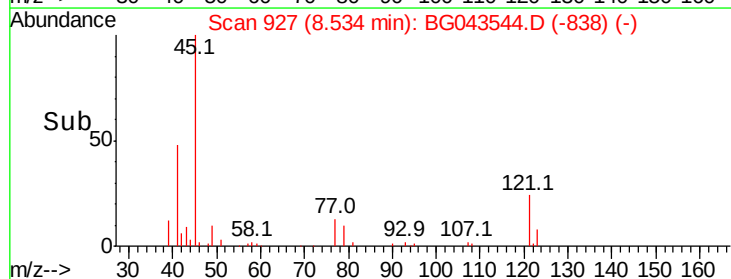
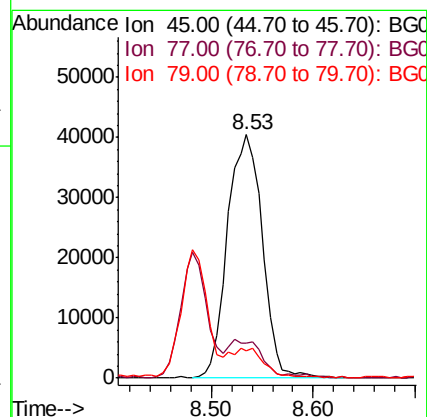
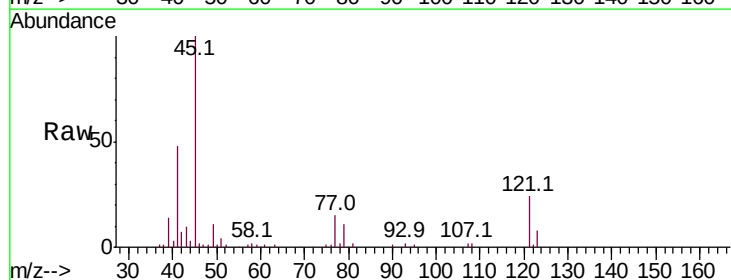
Tgt Ion: 45 Resp: 96756

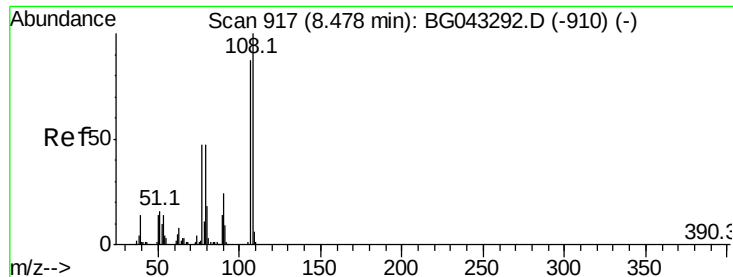
Ion Ratio Lower Upper

45 100

77 14.6 0.0 34.9

79 11.2 0.0 33.0





#17

2-Methylphenol

Concen: 42.962 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.02 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMS

Tot Ion:107 Resp: 73396

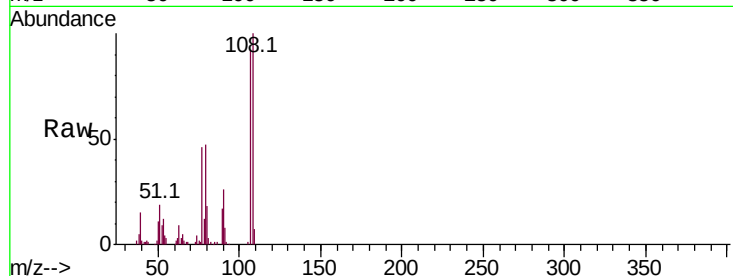
Ion Ratio Lower Upper

107 100

108 108.1 90.2 135.4

77 49.9 40.2 60.2

79 50.6 44.0 66.0

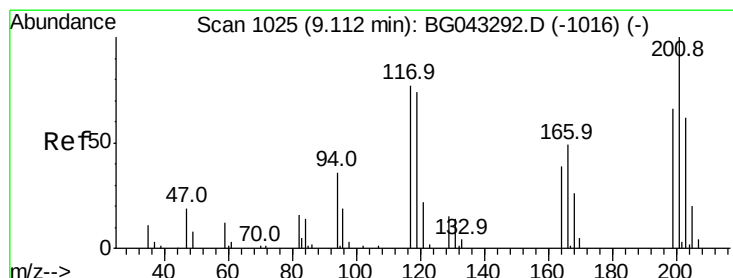
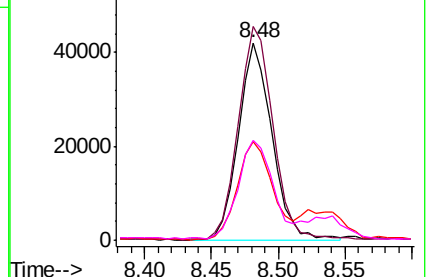
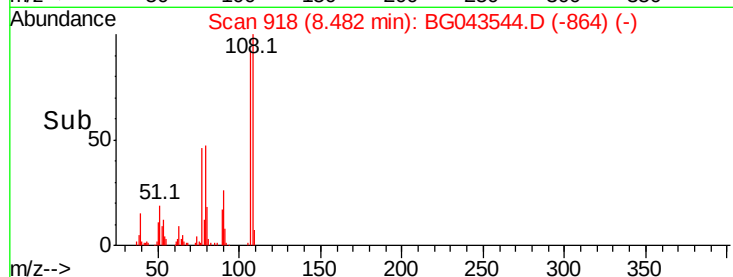


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.534 ng

RT: 9.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

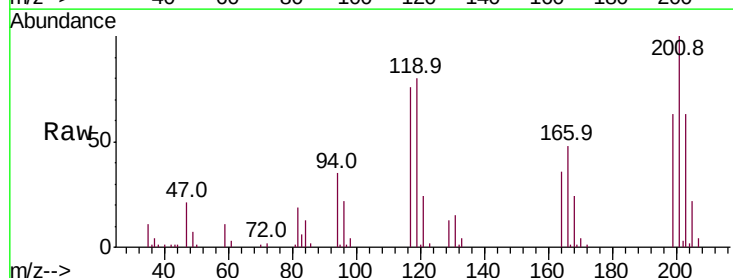
Tgt Ion:117 Resp: 34677

Ion Ratio Lower Upper

117 100

119 104.9 79.0 118.4

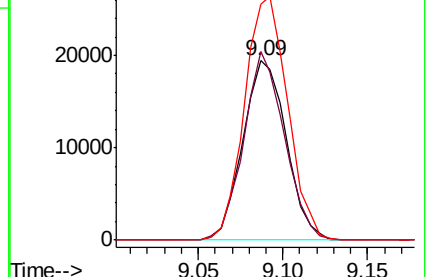
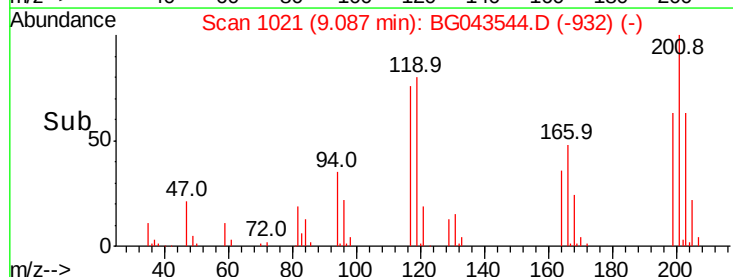
201 131.7 105.4 158.2

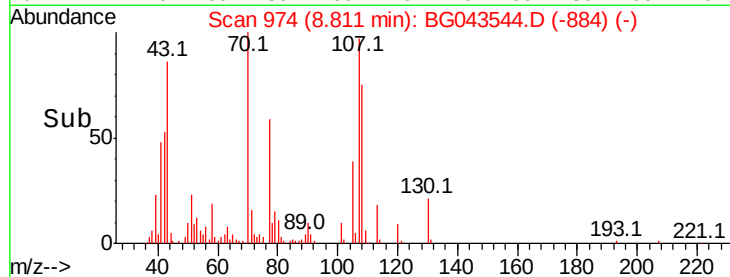
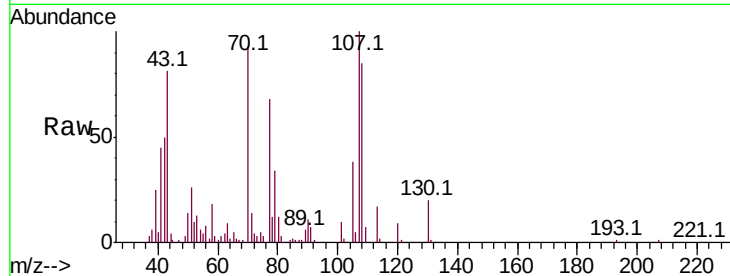
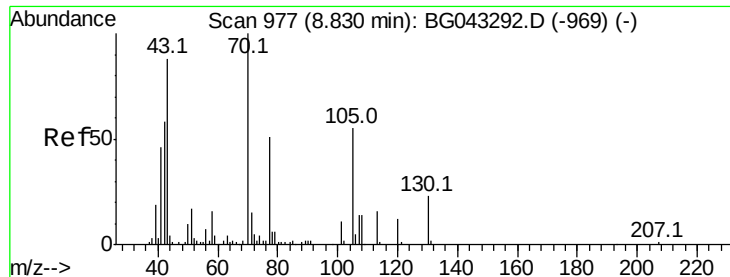


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

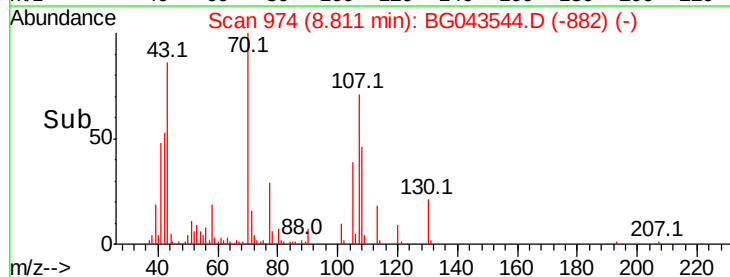
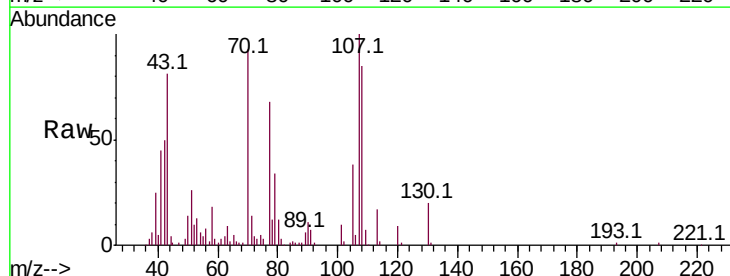
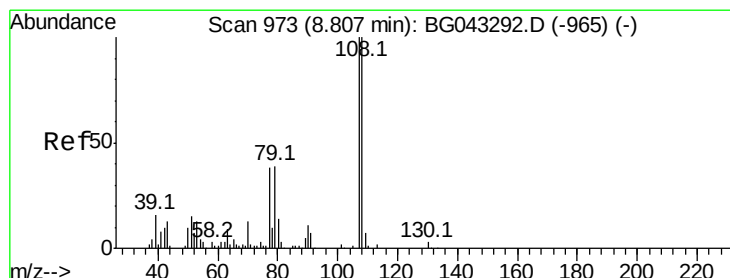
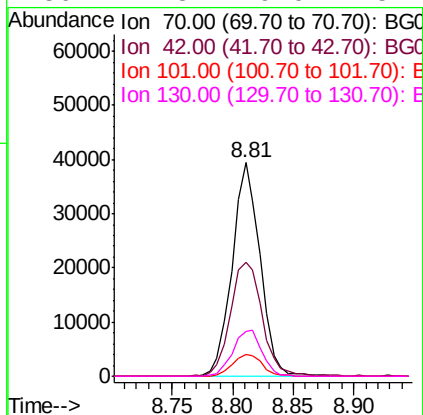




#19
n-Nitroso-di-n-propylamine
Concen: 38.306 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG043544.D
Acq: 7 Nov 2019 18:12

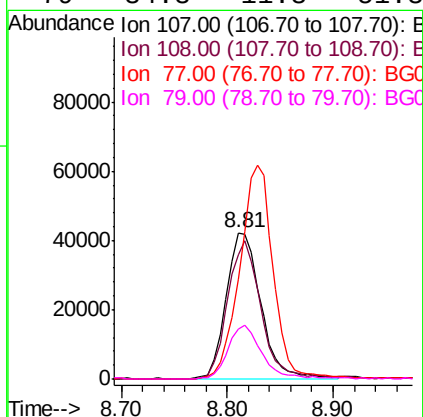
Instrument :
BNA_G
ClientSampleId :
TP- 32-DMS

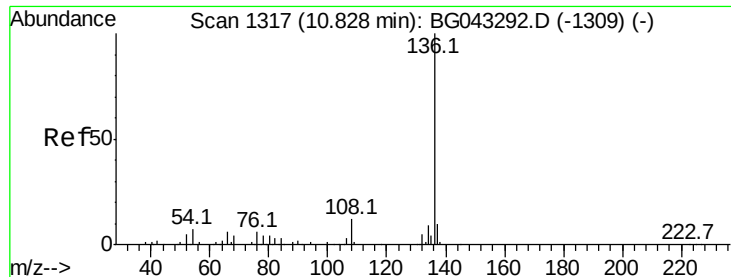
Tot Ion:	70	Resp:	63480
Ion	Ratio	Lower	Upper
70	100		
42	53.2	41.4	62.2
101	10.5	7.9	11.9
130	21.3	19.0	28.4



#20
3+4-Methylphenols
Concen: 41.025 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.01 min
Lab File: BG043544.D
Acq: 7 Nov 2019 18:12

Tgt Ion:	107	Resp:	96108
Ion	Ratio	Lower	Upper
107	100		
108	84.9	66.6	106.6
77	68.0	20.9	60.9
79	34.3	11.3	51.3

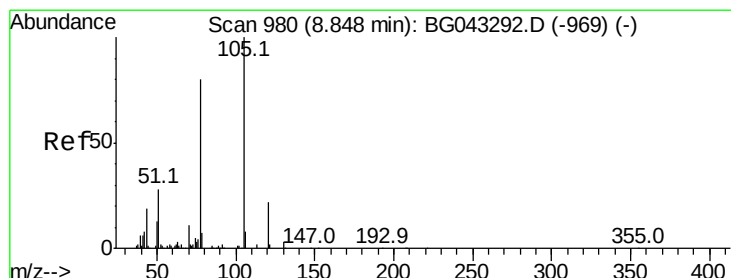
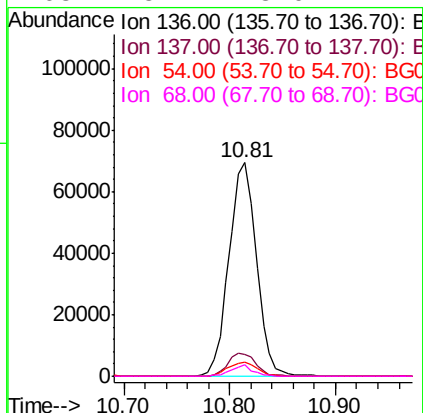
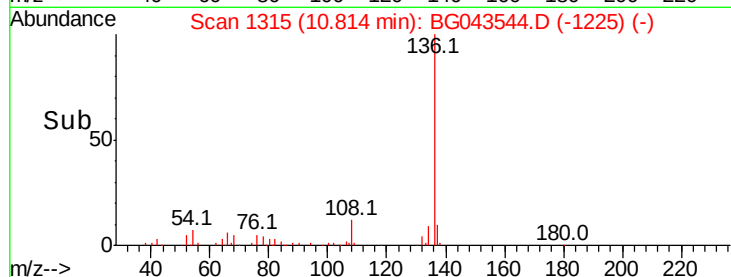
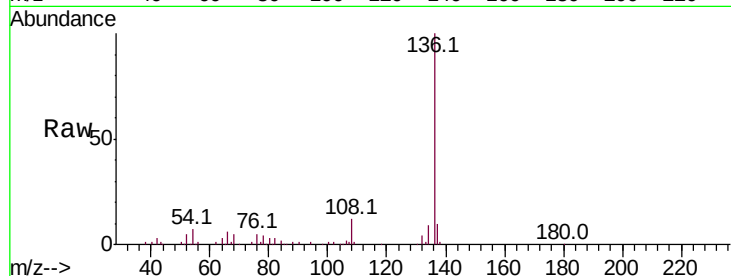




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043544.D
Acq: 7 Nov 2019 18:12

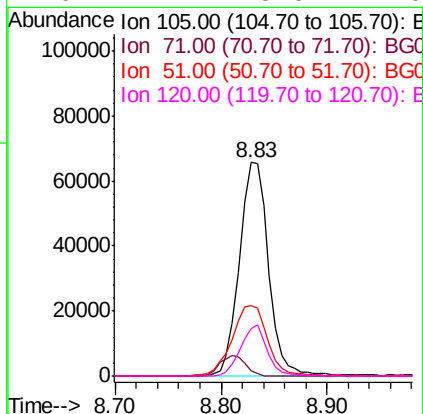
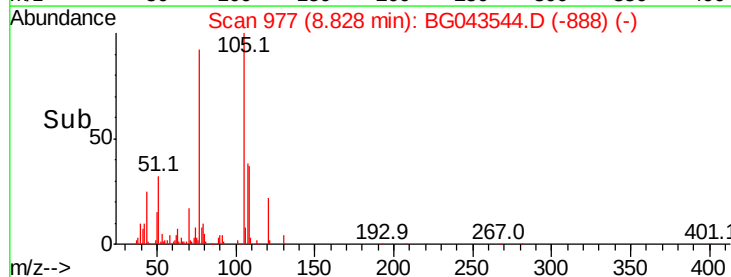
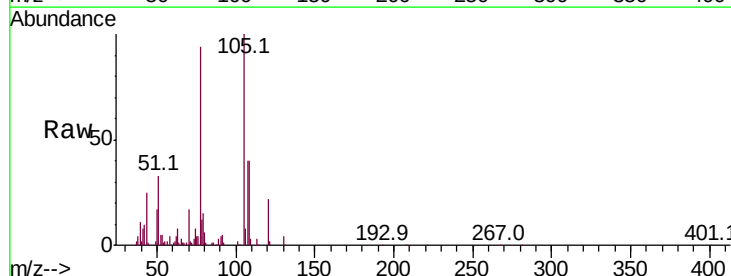
Instrument :
BNA_G
ClientSampleId :
TP- 32-DMS

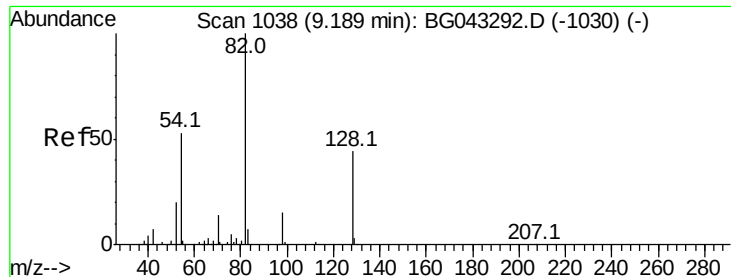
Tot Ion:136	Resp:	125035
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.7 13.1
54	6.9	5.4 8.2
68	5.4	3.0 4.4#



#22
Acetophenone
Concen: 39.244 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG043544.D
Acq: 7 Nov 2019 18:12

Tgt Ion:105	Resp:	125661
Ion Ratio	Lower	Upper
105	100	
71	2.4	0.8 1.2#
51	33.0	21.0 31.4#
120	22.1	18.0 27.0

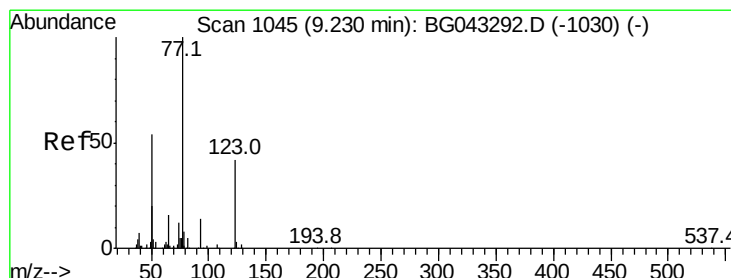
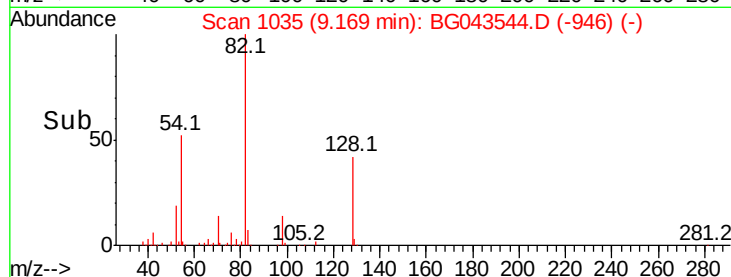
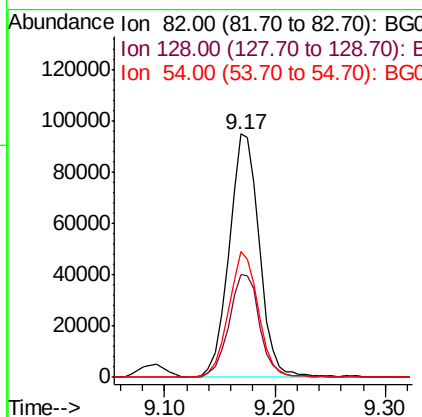
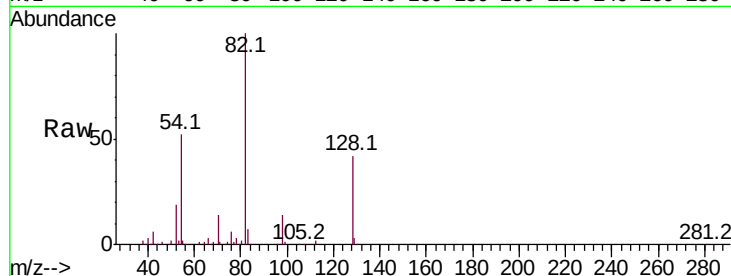




#23
 Nitrobenzene-d5
 Concen: 75.096 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG043544.D
 Acq: 7 Nov 2019 18:12

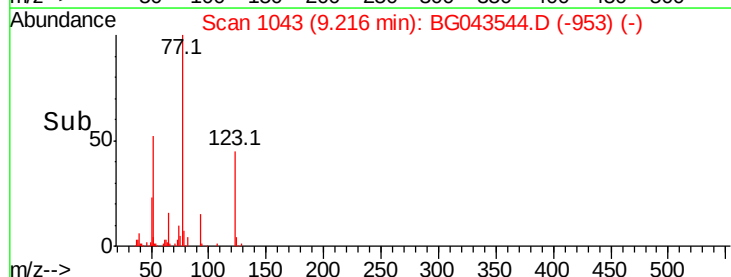
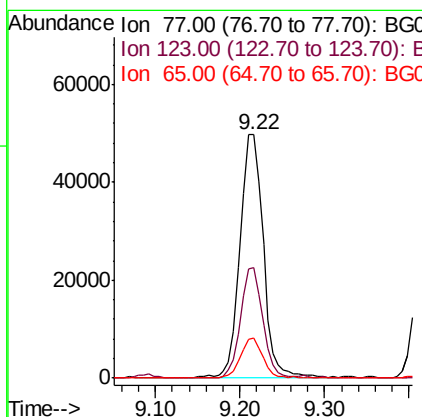
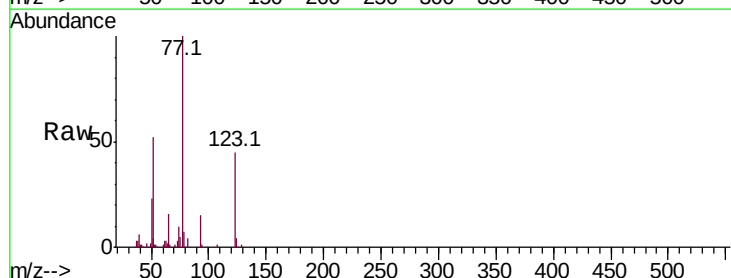
Instrument :
 BNA_G
 ClientSampleId :
 TP- 32-DMS

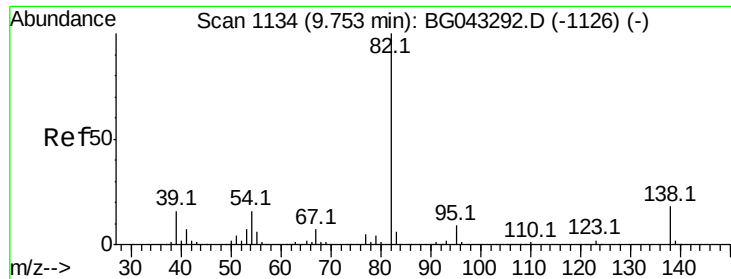
Tot Ion	82	Resp	182129
Ion Ratio	100	Lower	Upper
128	42.0	35.0	52.6
54	51.9	40.2	60.2



#24
 Nitrobenzene
 Concen: 41.383 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG043544.D
 Acq: 7 Nov 2019 18:12

Tgt Ion	77	Resp	95610
Ion Ratio	100	Lower	Upper
123	45.4	35.0	52.6
65	16.3	9.5	14.3#

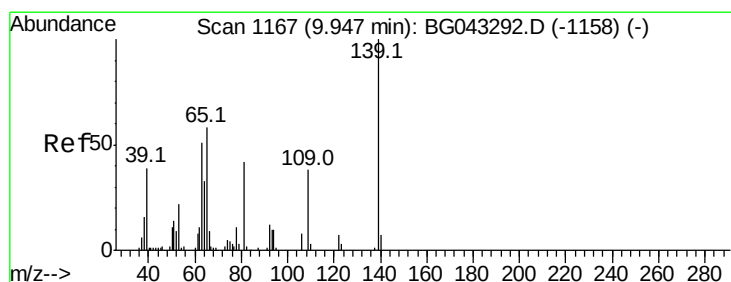
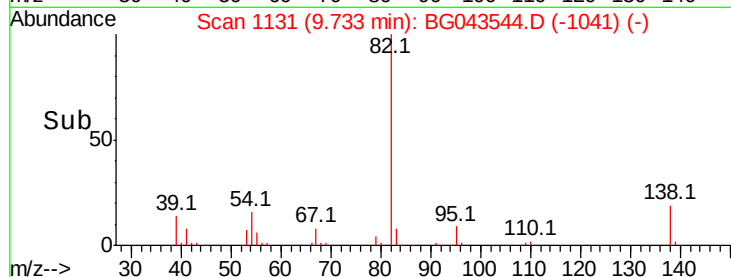
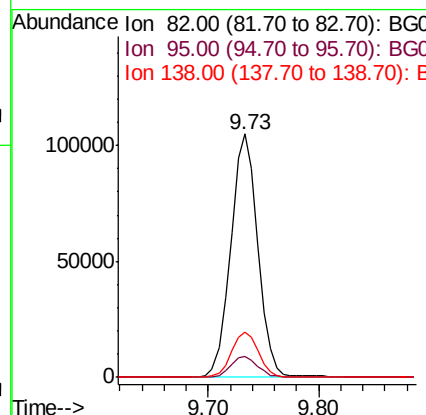
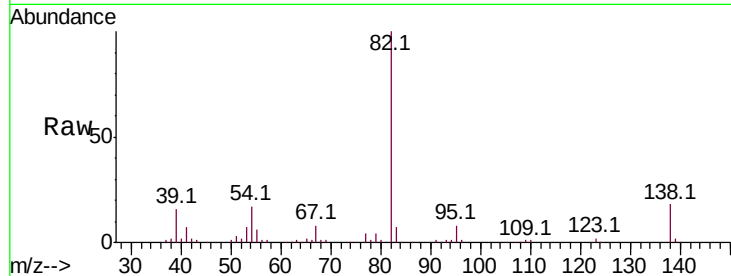




#25
Isophorone
Concen: 40.633 ng
RT: 9.73 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BG043544.D
Acq: 7 Nov 2019 18:12

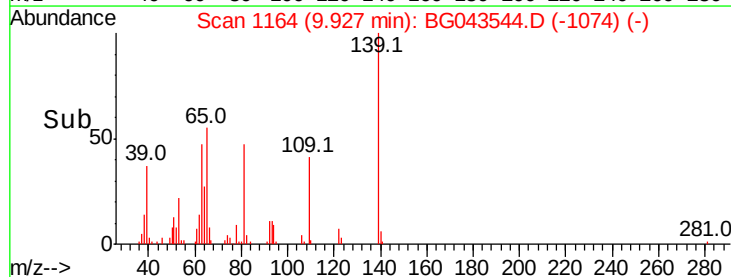
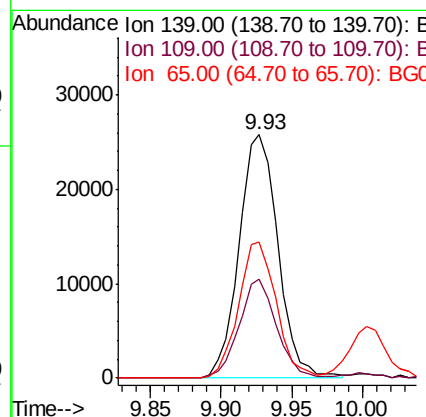
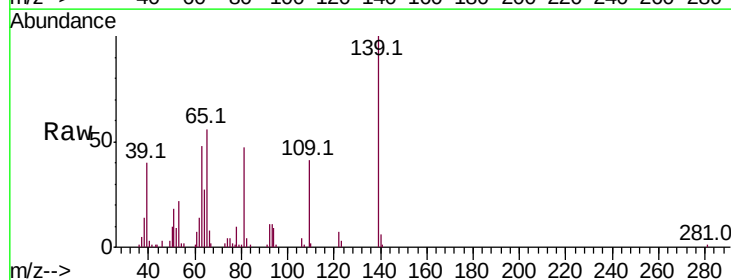
Instrument :
BNA_G
ClientSampleId :
TP- 32-DMS

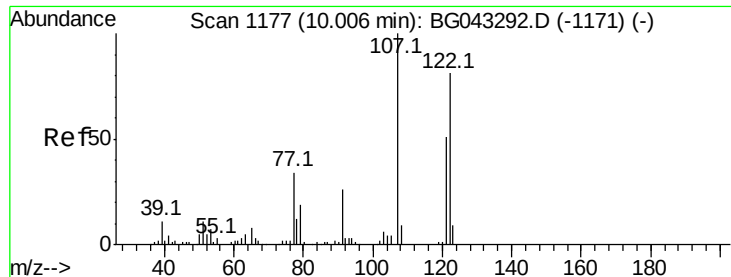
Tot Ion: 82 Resp: 180169
Ion Ratio Lower Upper
82 100
95 8.4 6.6 9.8
138 18.4 15.2 22.8



#26
2-Nitrophenol
Concen: 44.656 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BG043544.D
Acq: 7 Nov 2019 18:12

Tgt Ion:139 Resp: 49810
Ion Ratio Lower Upper
139 100
109 40.6 26.5 39.7#
65 56.0 43.8 65.8

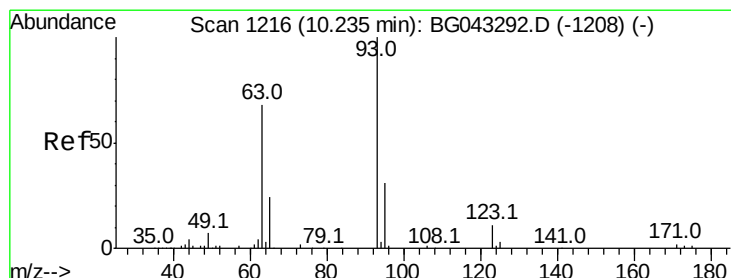
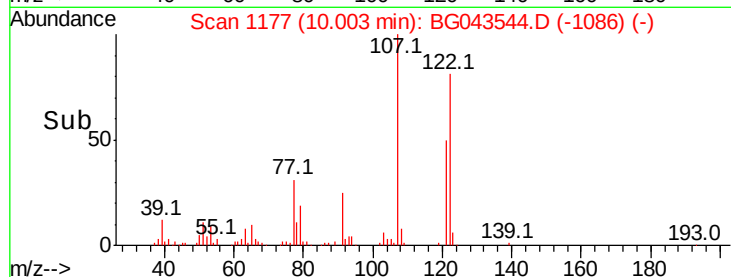
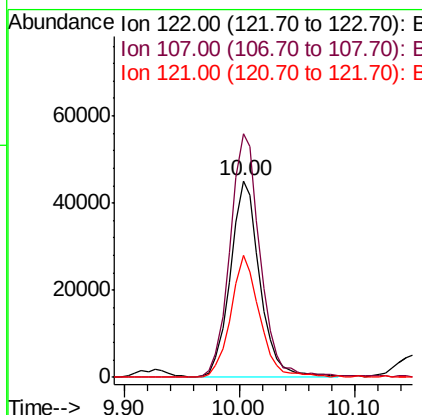
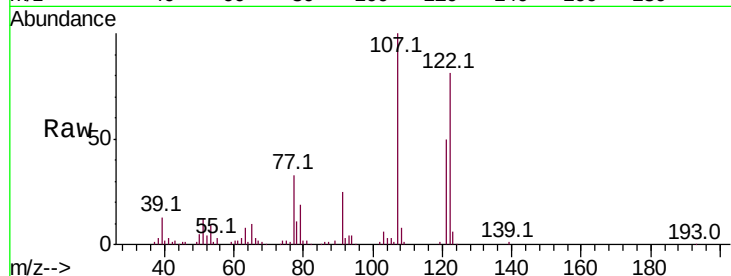




#27
2,4-Dimethylphenol
Concen: 50.036 ng
RT: 10.00 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BG043544.D
Acq: 7 Nov 2019 18:12

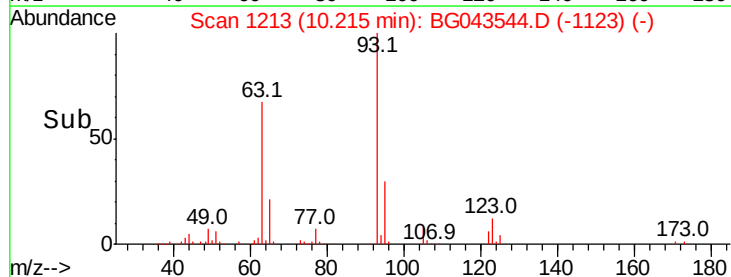
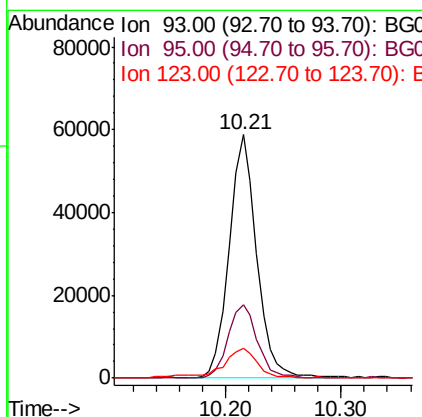
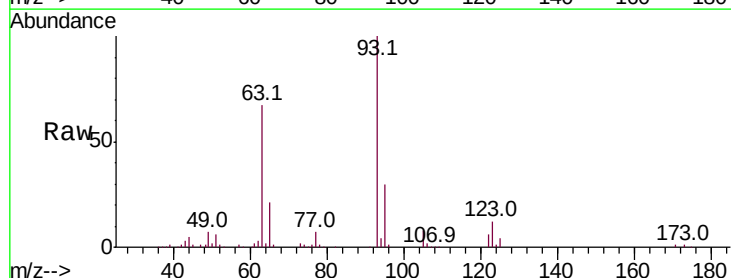
Instrument :
BNA_G
ClientSampled :
TP- 32-DMS

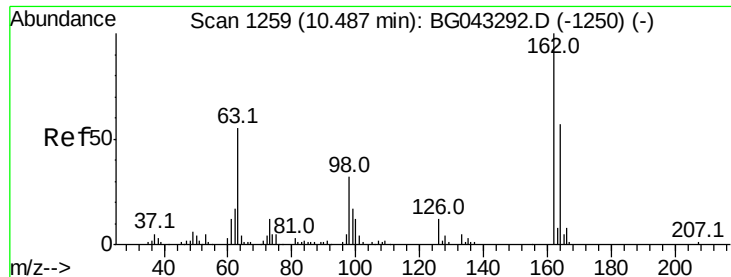
Tot Ion:122 Resp: 79992
Ion Ratio Lower Upper
122 100
107 123.7 104.4 156.6
121 62.1 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 39.569 ng
RT: 10.21 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BG043544.D
Acq: 7 Nov 2019 18:12

Tgt Ion: 93 Resp: 96836
Ion Ratio Lower Upper
93 100
95 30.1 26.0 39.0
123 12.2 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 44.508 ng

RT: 10.48 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMS

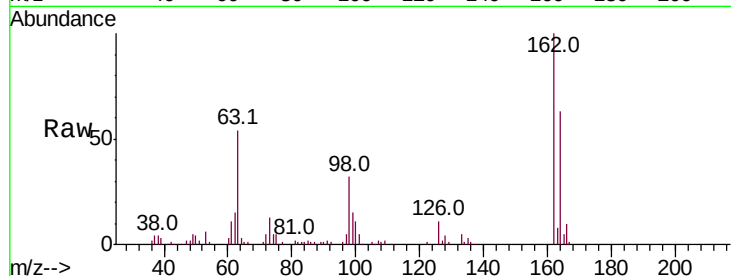
Tot Ion:162 Resp: 91168

Ion Ratio Lower Upper

162 100

164 63.5 48.9 88.9

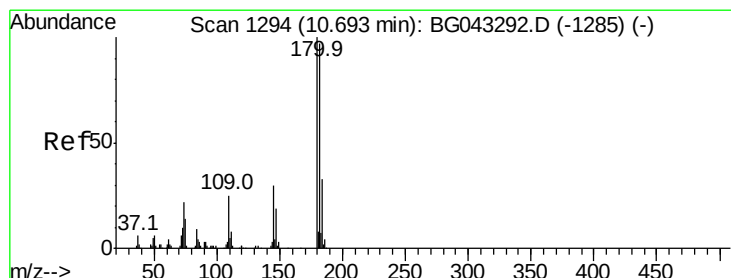
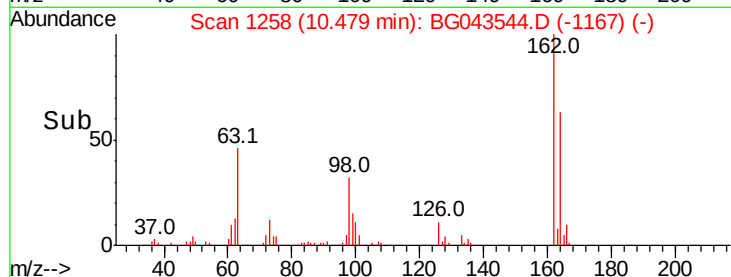
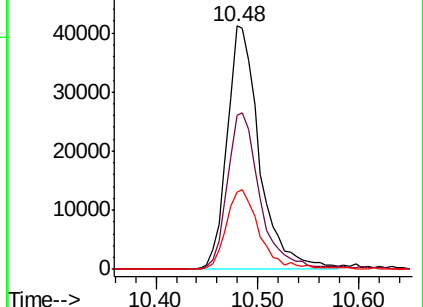
98 31.8 15.1 55.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 39.286 ng

RT: 10.67 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

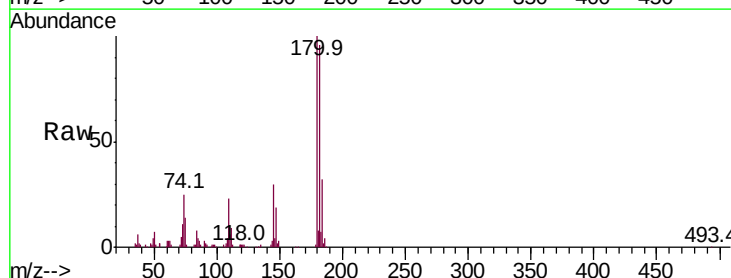
Tgt Ion:180 Resp: 101424

Ion Ratio Lower Upper

180 100

182 96.2 75.1 112.7

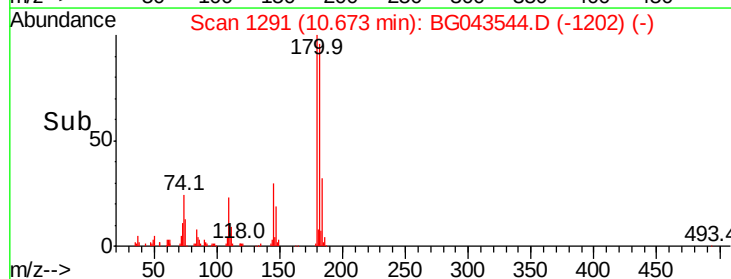
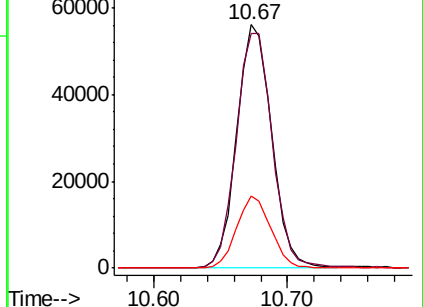
145 29.6 23.9 35.9

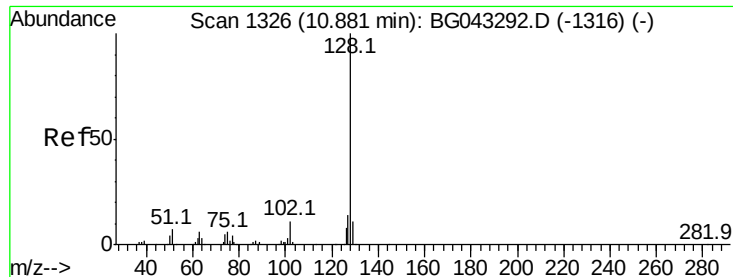


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

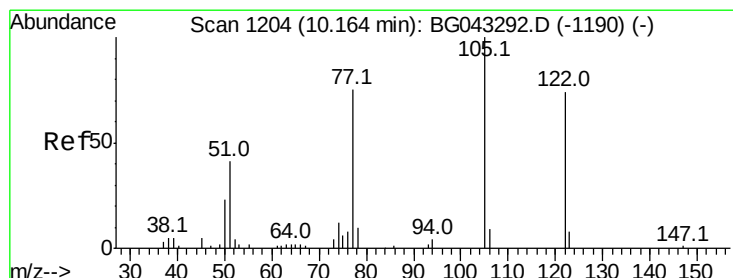
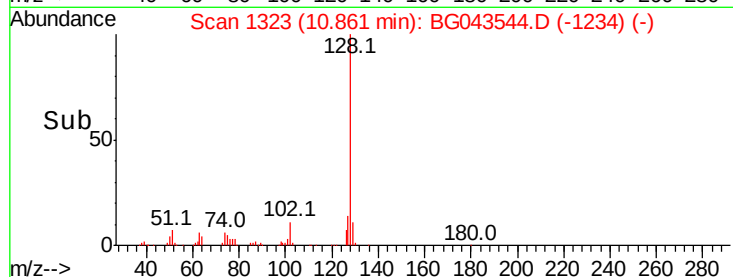
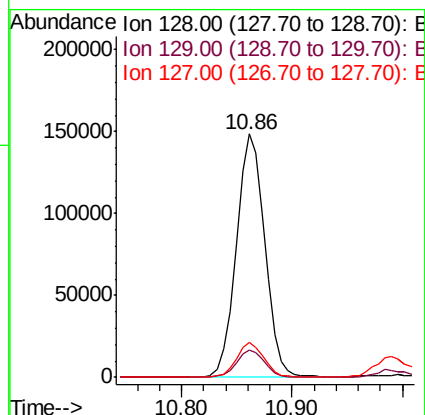
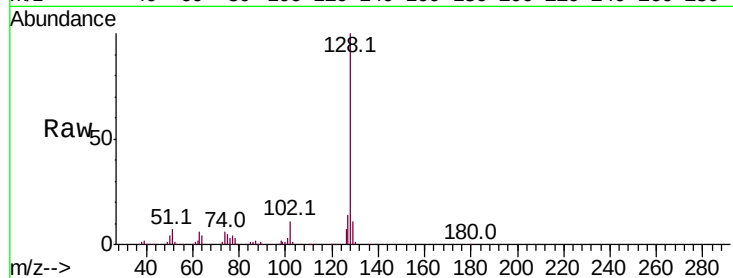




#31
Naphthalene
Concen: 42.480 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG043544.D
Acq: 7 Nov 2019 18:12

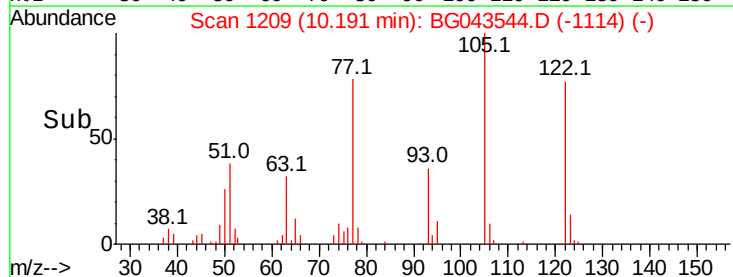
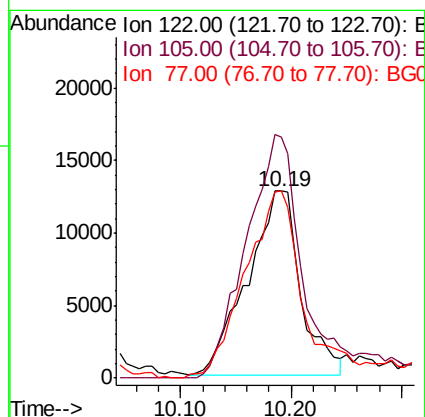
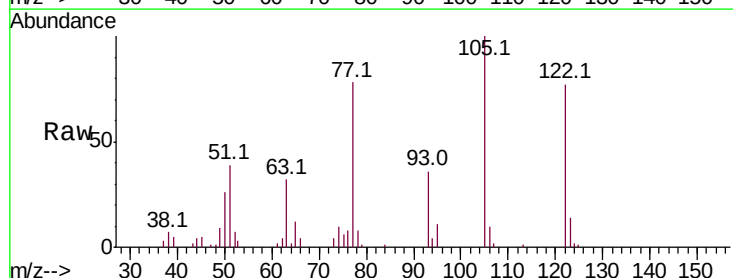
Instrument :
BNA_G
ClientSampleId :
TP- 32-DMS

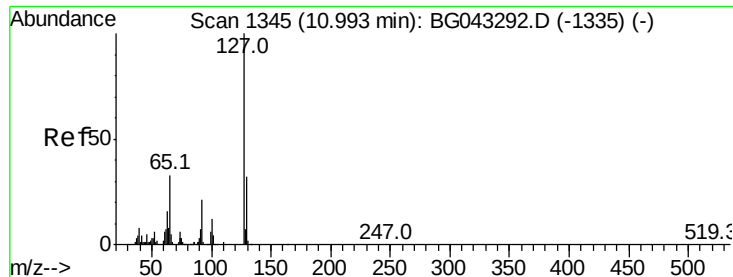
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.0
127	14.3	11.1	16.7



#32
Benzoic acid
Concen: 37.305 ng
RT: 10.19 min Scan# 1209
Delta R.T. 0.03 min
Lab File: BG043544.D
Acq: 7 Nov 2019 18:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.2	103.3	143.3
77	100.4	84.9	124.9

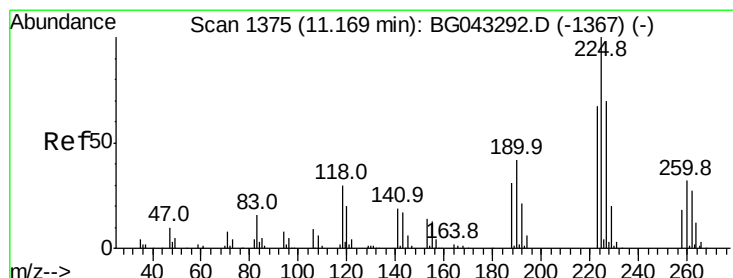
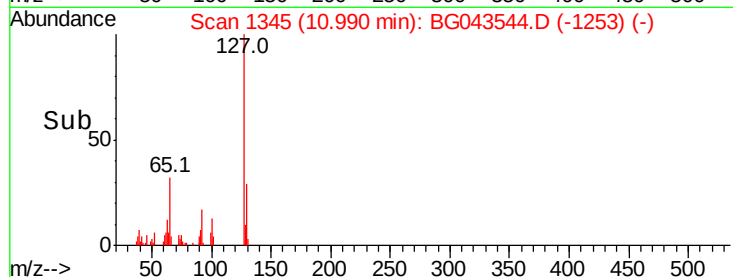
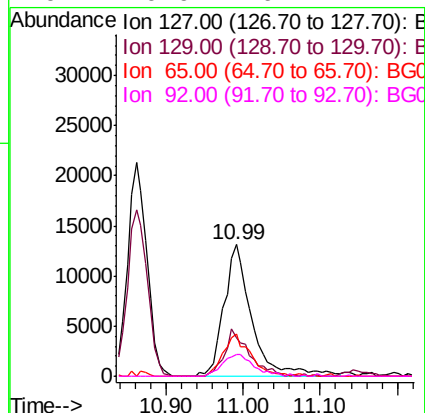
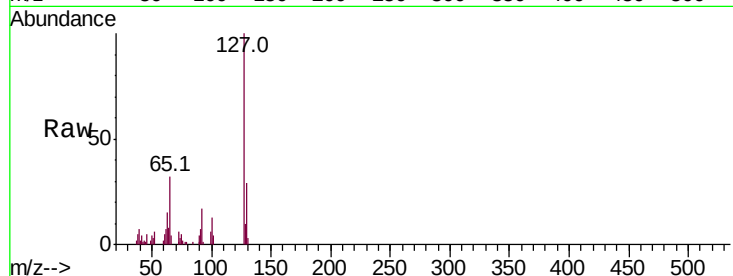




#33
4-Chloroaniline
Concen: 12.636 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BG043544.D
Acq: 7 Nov 2019 18:12

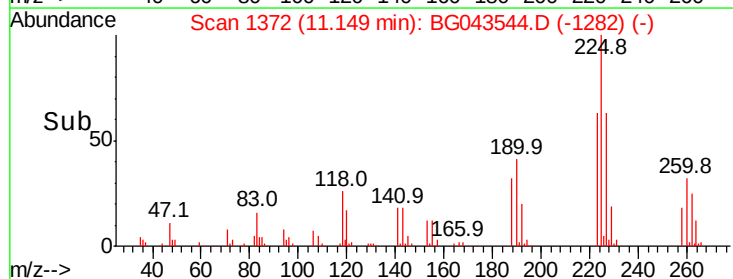
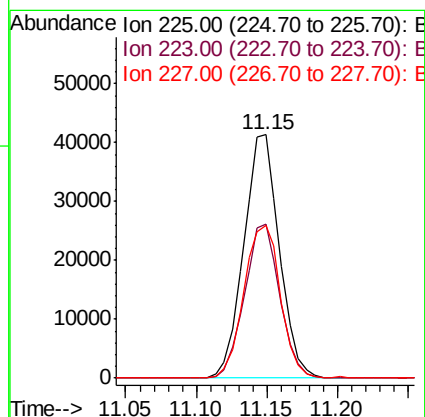
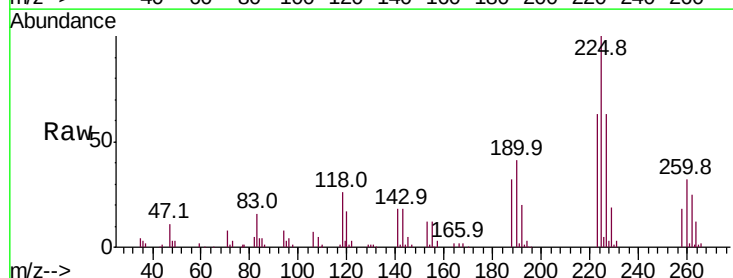
Instrument :
BNA_G
ClientSampleId :
TP- 32-DMS

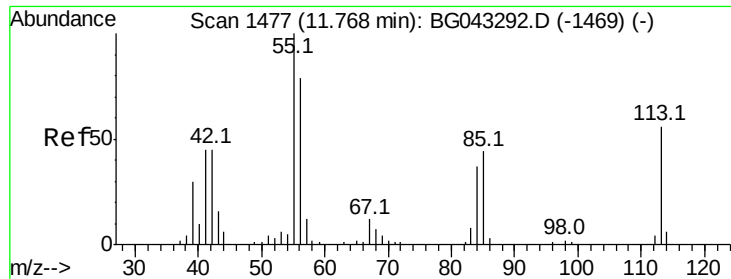
Tot Ion:127	Resp:	32873
Ion Ratio	Lower	Upper
127	100	
129	29.3	26.5 39.7
65	31.9	26.4 39.6
92	16.9	16.2 24.2



#34
Hexachlorobutadiene
Concen: 38.163 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG043544.D
Acq: 7 Nov 2019 18:12

Tgt Ion:225	Resp:	72832
Ion Ratio	Lower	Upper
225	100	
223	63.3	52.7 79.1
227	62.8	54.8 82.2





#35

Caprolactam

Concen: 44.042 ng

RT: 11.75 min Scan# 1475

Delta R.T. 0.00 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMS

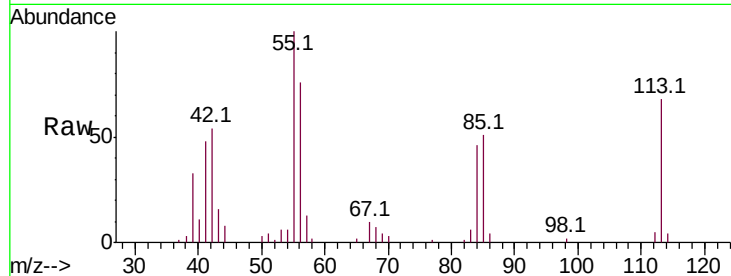
Tot Ion:113 Resp: 31070

Ion Ratio Lower Upper

113 100

55 146.6 134.1 174.1

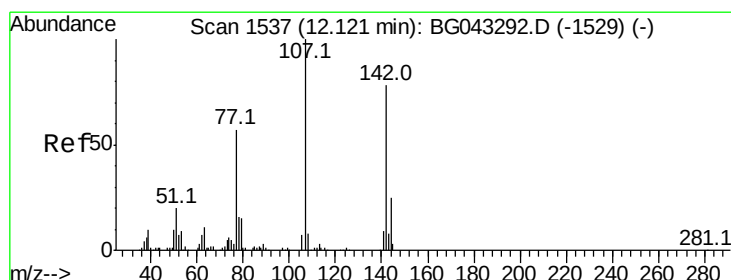
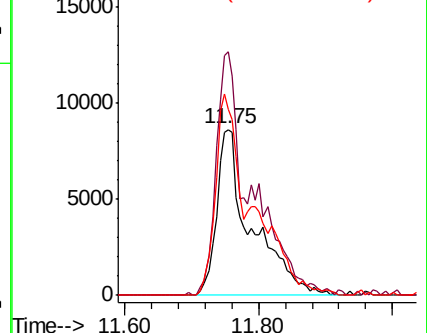
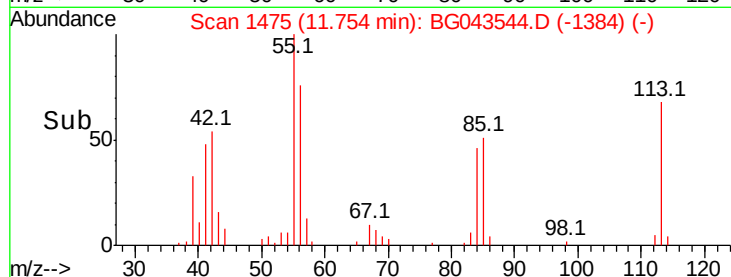
56 112.0 100.4 140.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 43.566 ng

RT: 12.13 min Scan# 1539

Delta R.T. 0.02 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

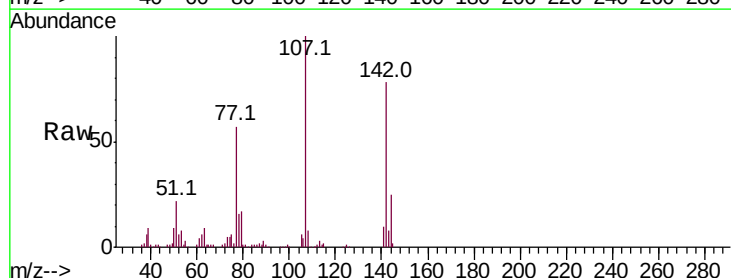
Tgt Ion:107 Resp: 97341

Ion Ratio Lower Upper

107 100

144 25.4 20.9 31.3

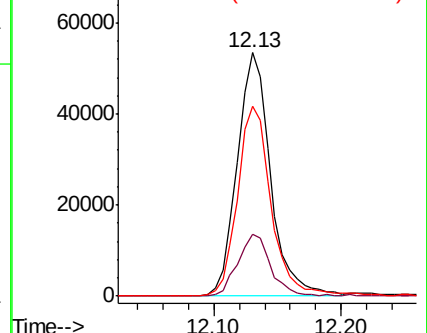
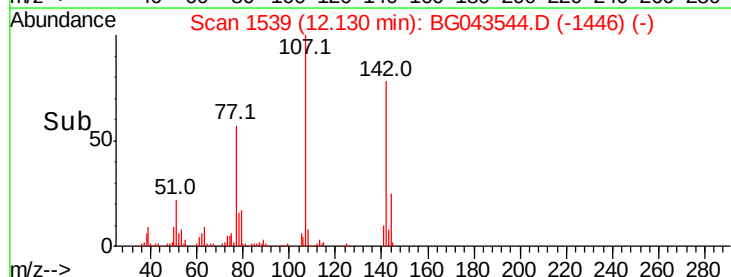
142 77.9 59.6 89.4

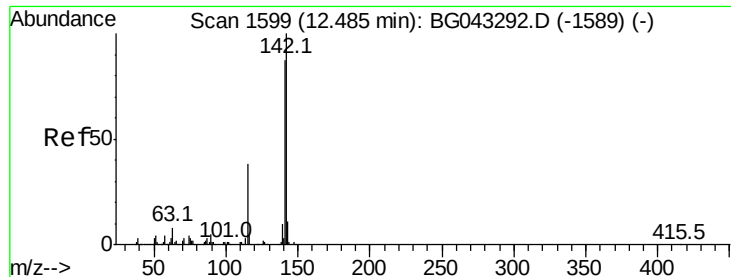


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

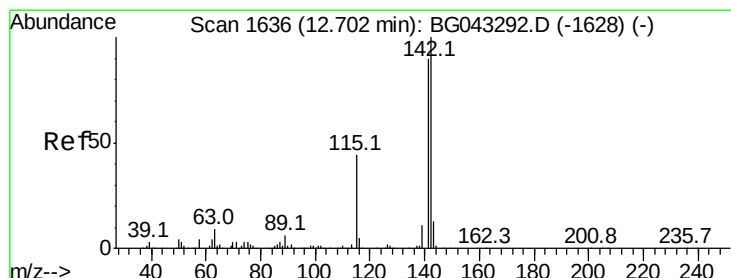
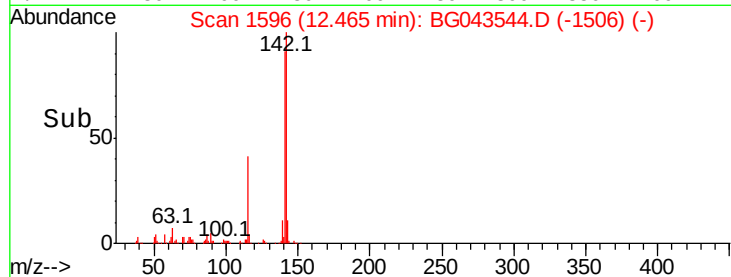
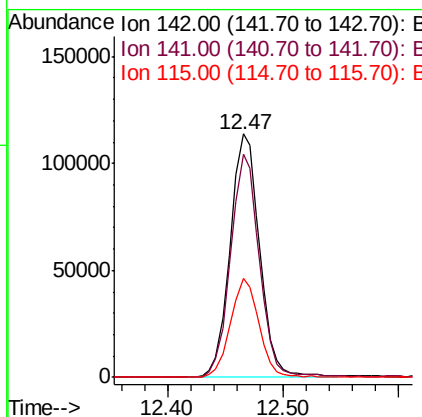
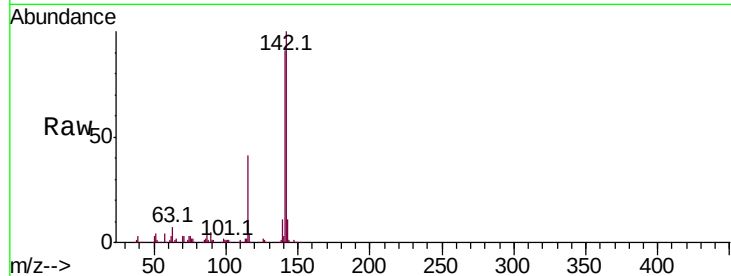




#37
2-Methylnaphthalene
Concen: 41.343 ng
RT: 12.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BG043544.D
Acq: 7 Nov 2019 18:12

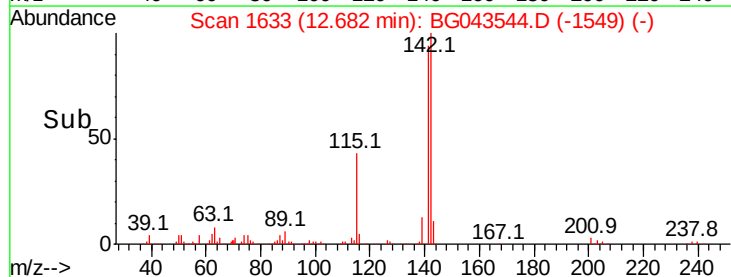
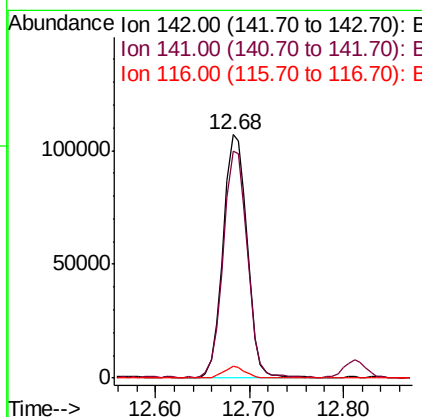
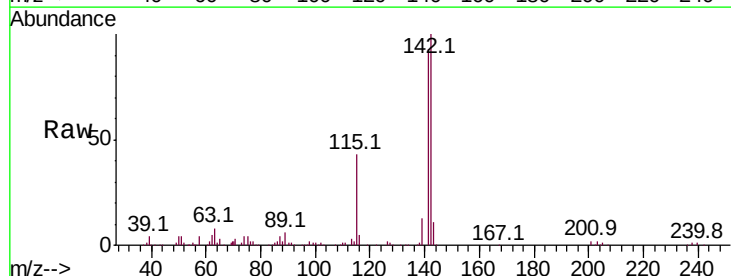
Instrument :
BNA_G
ClientSampleId :
TP- 32-DMS

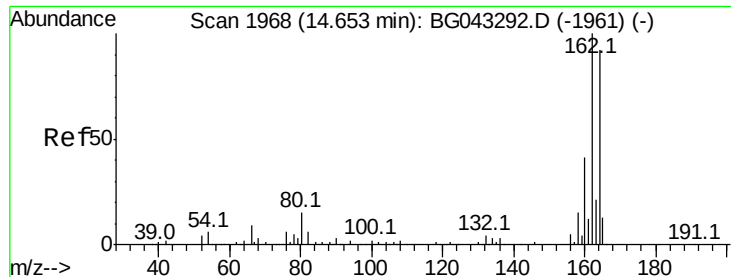
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	72.2	108.2
115	40.6	33.2	49.8



#38
1-Methylnaphthalene
Concen: 41.247 ng
RT: 12.68 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BG043544.D
Acq: 7 Nov 2019 18:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.2	109.8
116	5.1	3.6	5.4

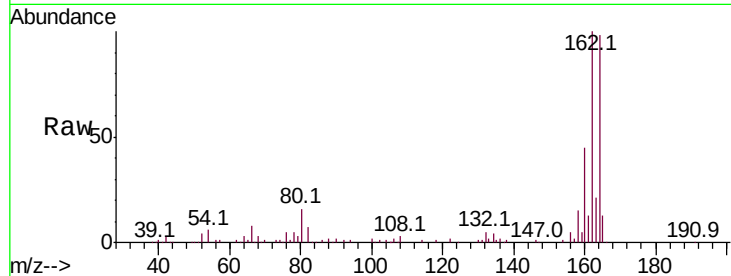




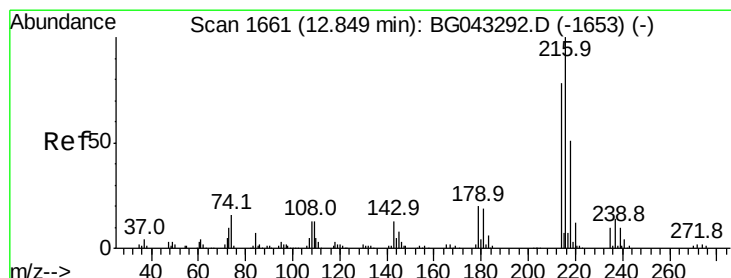
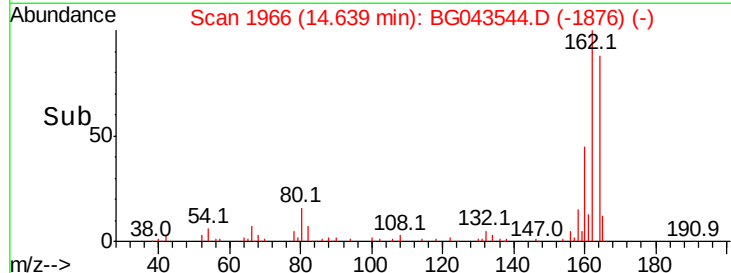
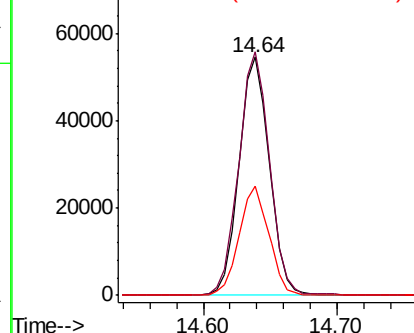
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG043544.D
Acq: 7 Nov 2019 18:12

Instrument :
BNA_G
ClientSampleId :
TP- 32-DMS

Tot Ion:164 Resp: 85795
Ion Ratio Lower Upper
164 100
162 102.3 83.5 125.3
160 45.9 36.5 54.7

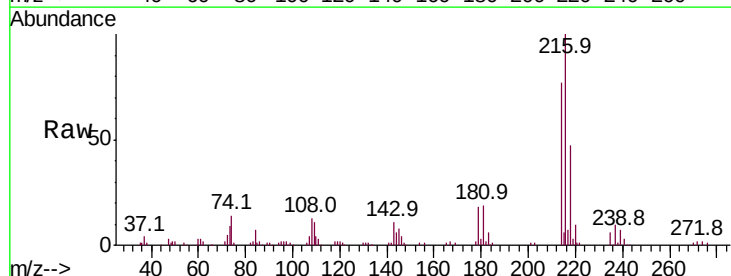


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

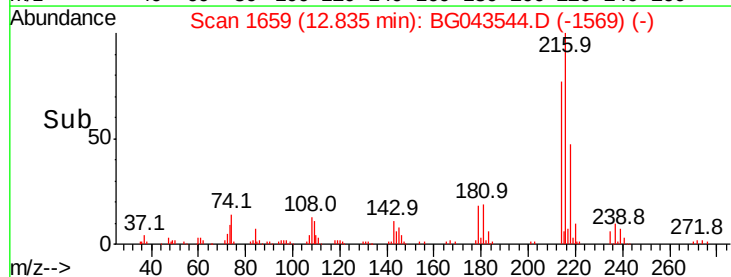
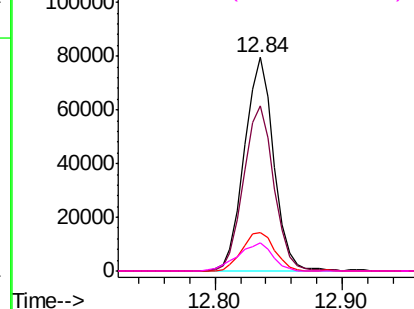


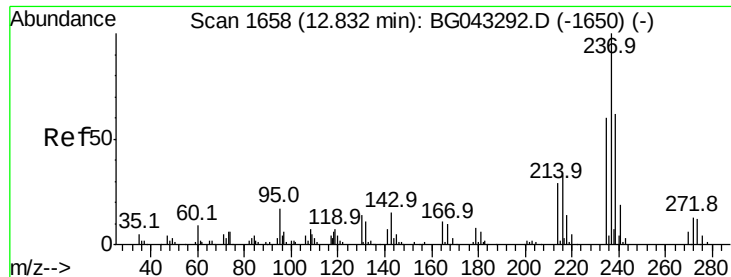
#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.196 ng
RT: 12.84 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BG043544.D
Acq: 7 Nov 2019 18:12

Tgt Ion:216 Resp: 127629
Ion Ratio Lower Upper
216 100
214 79.5 61.7 92.5
179 19.9 15.8 23.8
108 15.6 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: 78.682 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMS

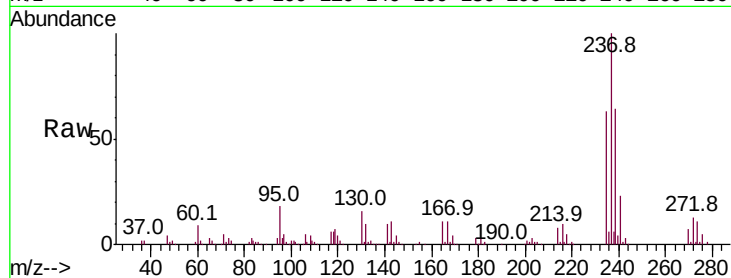
Tot Ion:237 Resp: 131235

Ion	Ratio	Lower	Upper
237	100		
235	62.5	41.6	81.6
272	13.3	0.0	32.5

237 100

235 62.5 41.6 81.6

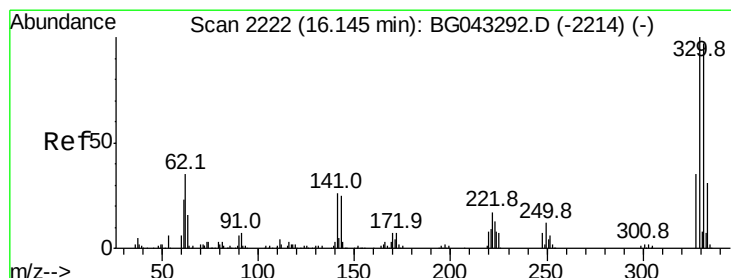
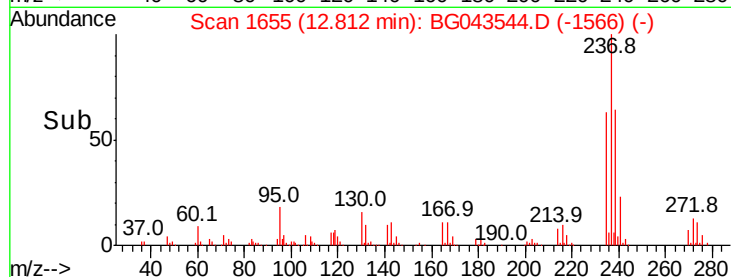
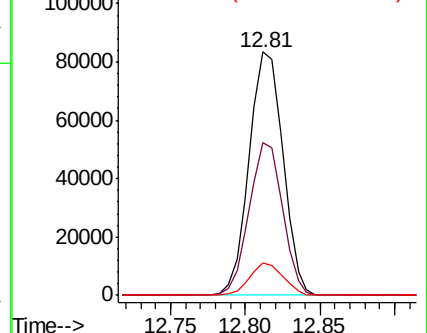
272 13.3 0.0 32.5



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: 112.623 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

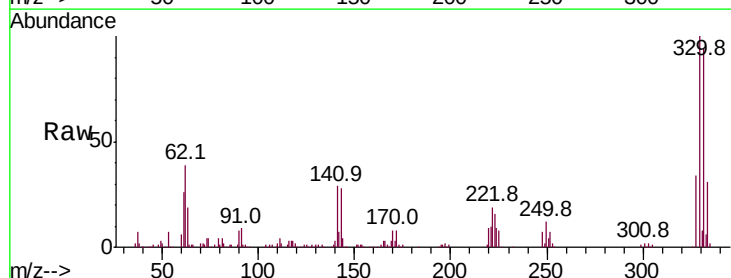
Tgt Ion:330 Resp: 183877

Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.4	116.0
141	27.8	22.8	34.2

330 100

332 94.4 77.4 116.0

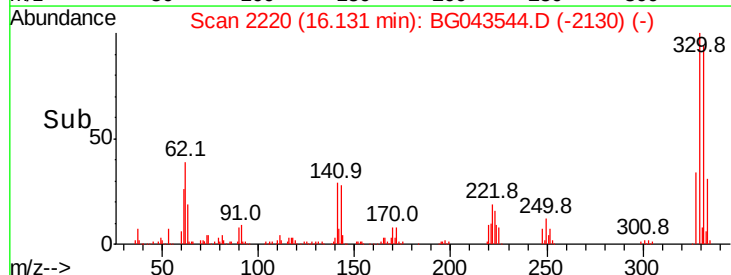
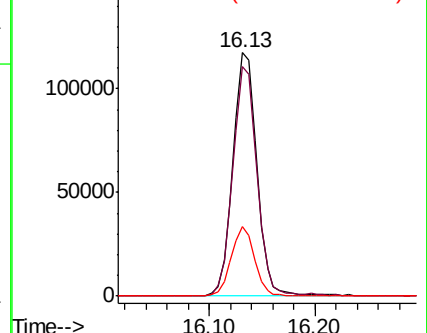
141 27.8 22.8 34.2

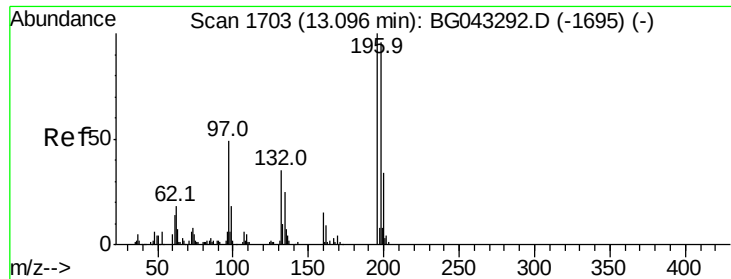


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

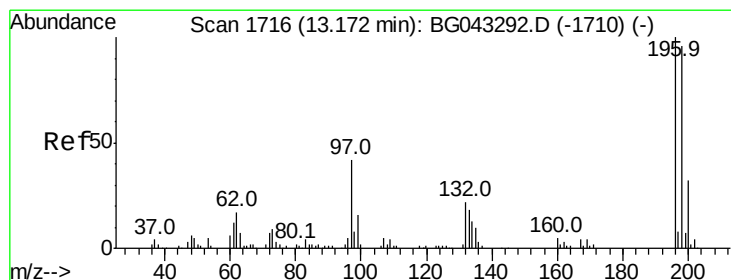
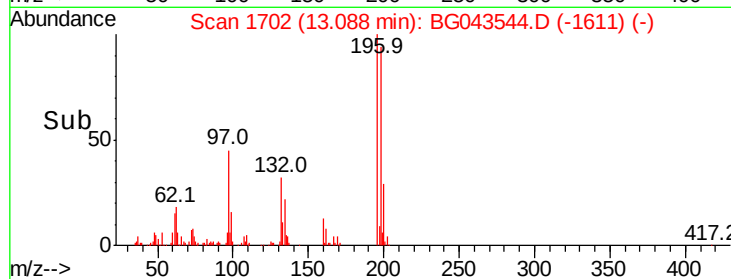
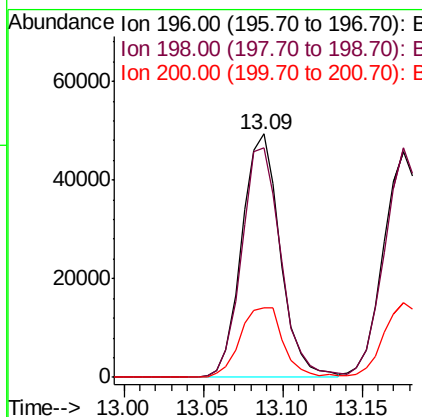
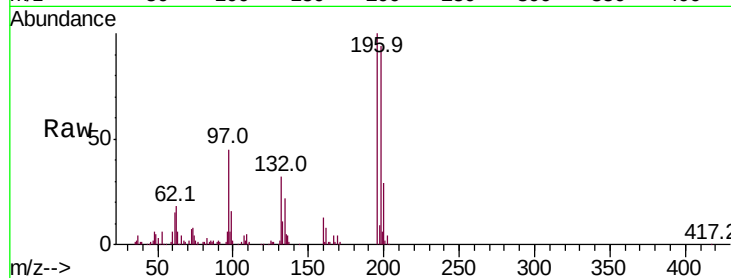




#43
 2,4,6-Trichlorophenol
 Concen: 44.308 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BG043544.D
 Acq: 7 Nov 2019 18:12

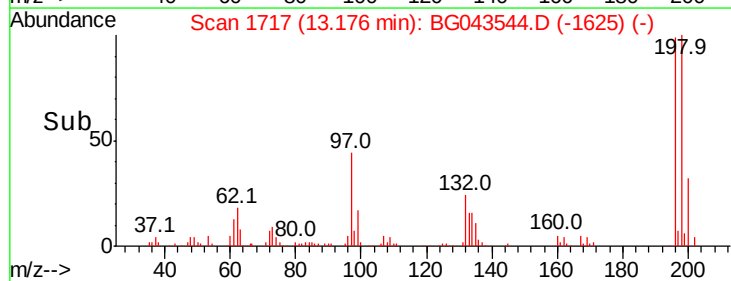
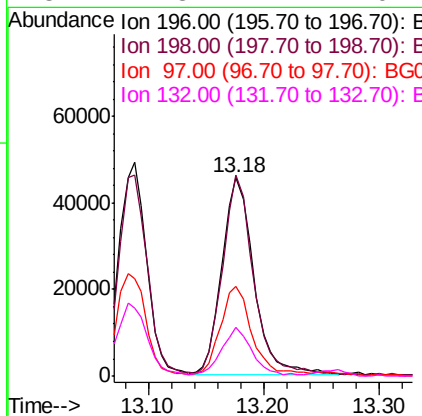
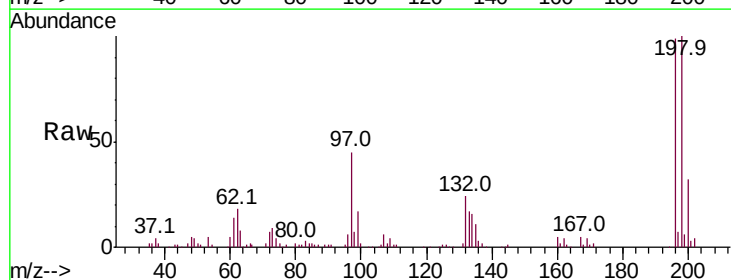
Instrument :
 BNA_G
 ClientSampleId :
 TP- 32-DMS

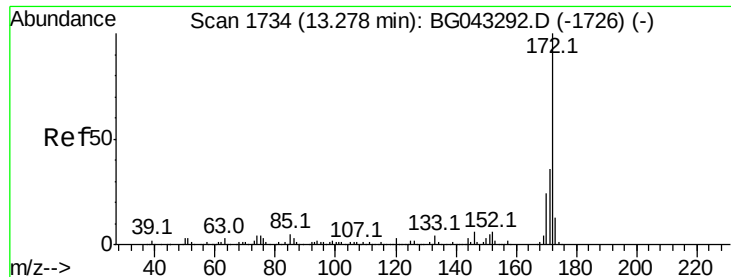
Tot Ion:196 Resp: 82850
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.8 113.6
 200 28.5 23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 46.687 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BG043544.D
 Acq: 7 Nov 2019 18:12

Tgt Ion:196 Resp: 88258
 Ion Ratio Lower Upper
 196 100
 198 101.4 74.5 111.7
 97 45.2 36.3 54.5
 132 24.3 17.4 26.2

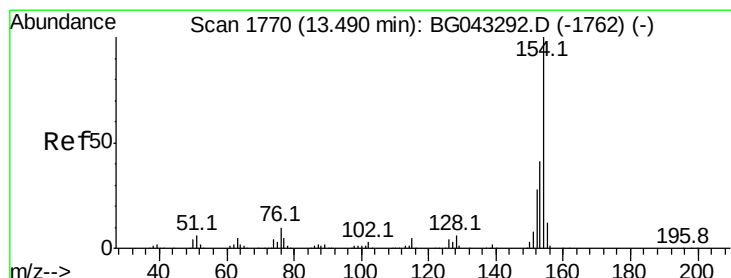
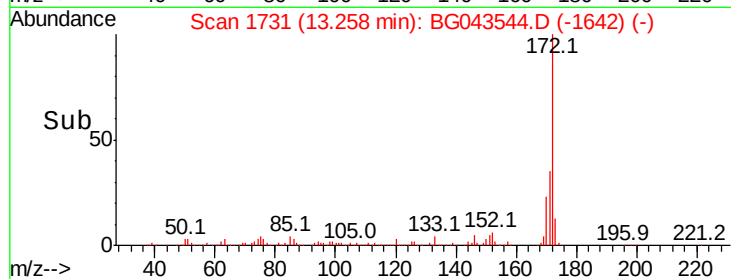
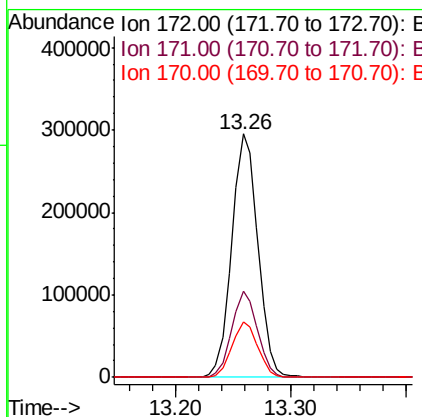
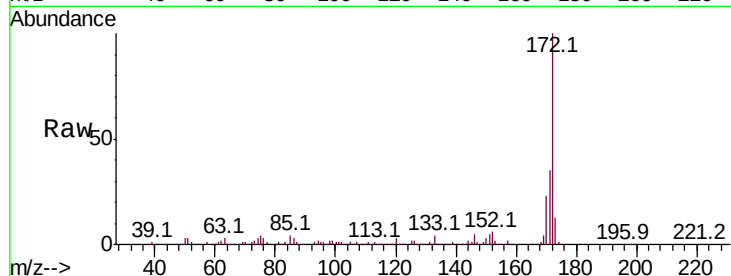




#45
2-Fluorobiphenyl
Concen: 74.481 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG043544.D
Acq: 7 Nov 2019 18:12

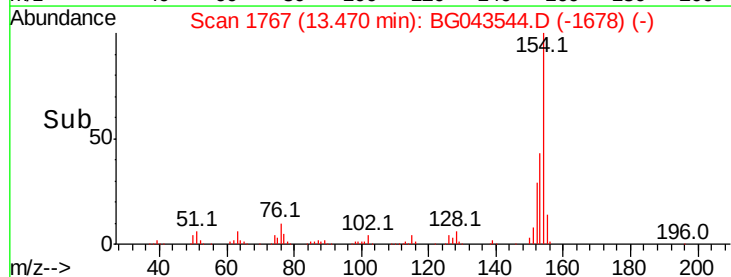
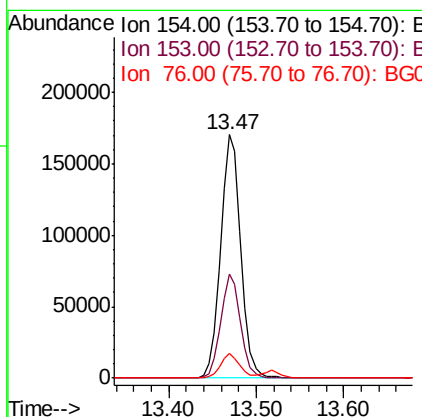
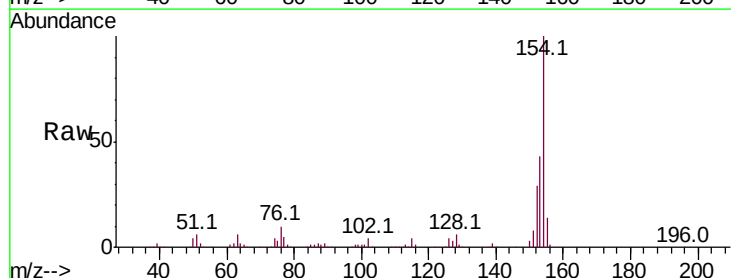
Instrument :
BNA_G
ClientSampleId :
TP- 32-DMS

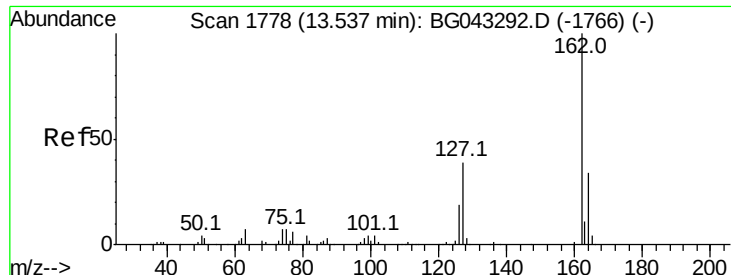
Tot Ion:172 Resp: 462447
Ion Ratio Lower Upper
172 100
171 35.2 28.9 43.3
170 22.6 18.5 27.7



#46
1,1'-Biphenyl
Concen: 41.497 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BG043544.D
Acq: 7 Nov 2019 18:12

Tgt Ion:154 Resp: 270845
Ion Ratio Lower Upper
154 100
153 42.9 19.9 59.9
76 10.1 0.0 29.4

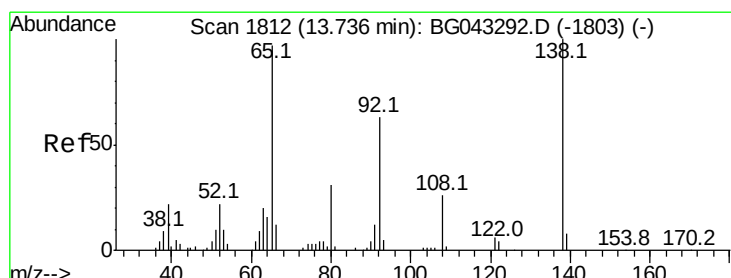
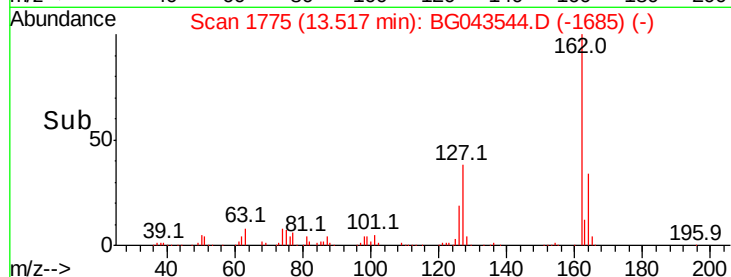
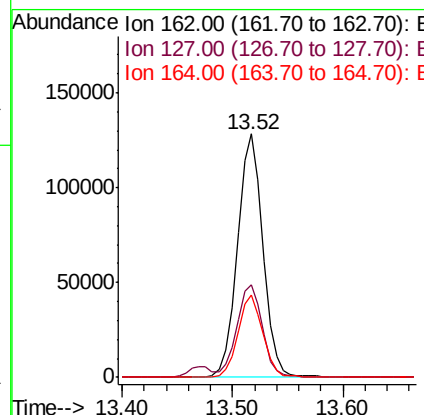
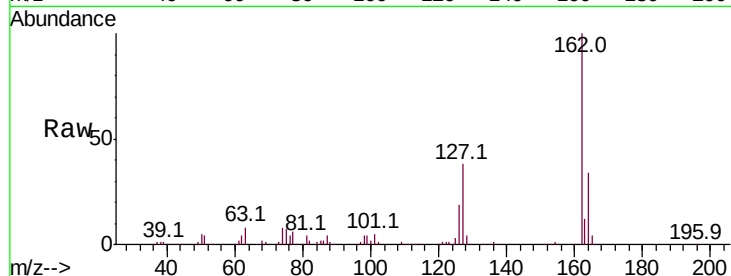




#47
 2-Chloronaphthalene
 Concen: 41.752 ng
 RT: 13.52 min Scan# 1775
 Delta R.T. -0.00 min
 Lab File: BG043544.D
 Acq: 7 Nov 2019 18:12

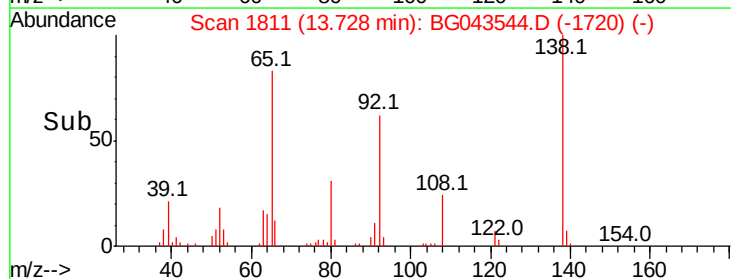
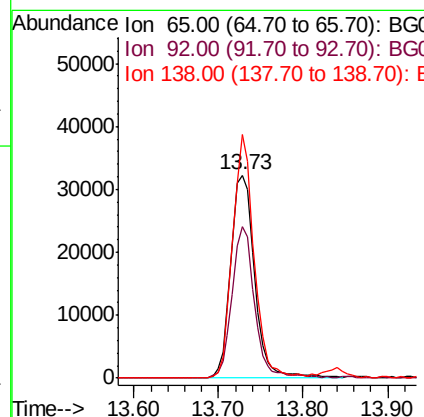
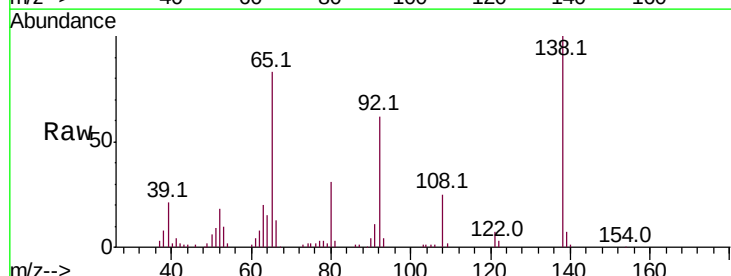
Instrument :
 BNA_G
 ClientSampleId :
 TP- 32-DMS

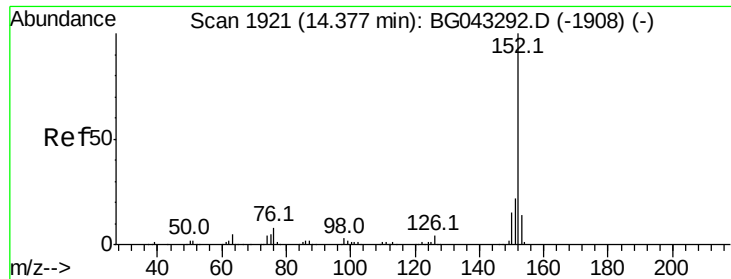
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.0	31.2	46.8
164	33.9	25.8	38.8



#48
 2-Nitroaniline
 Concen: 42.469 ng
 RT: 13.73 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: BG043544.D
 Acq: 7 Nov 2019 18:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.3	56.2	84.2
138	119.8	82.6	123.8





#49

Acenaphthylene

Concen: 44.042 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMS

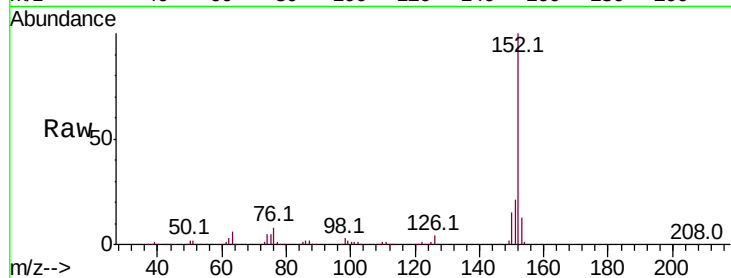
Tot Ion:152 Resp: 340399

Ion Ratio Lower Upper

152 100

151 20.9 16.2 24.4

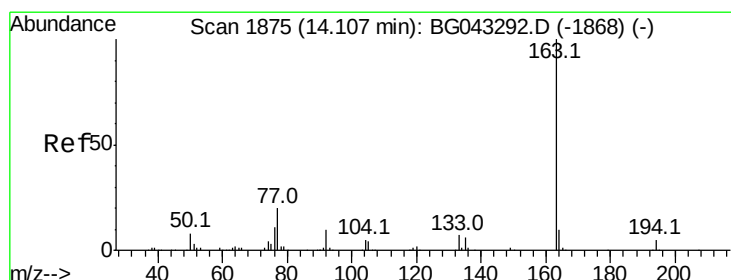
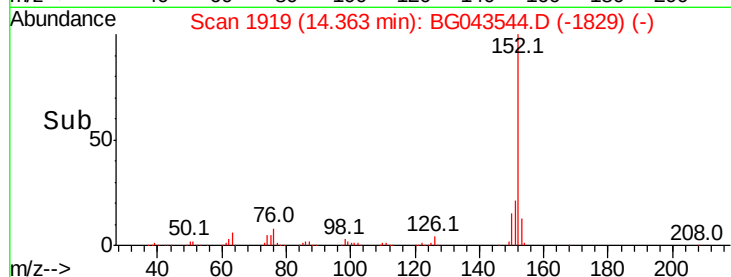
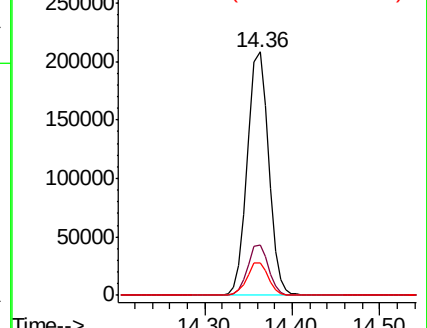
153 13.4 10.6 15.8



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: 48.702 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

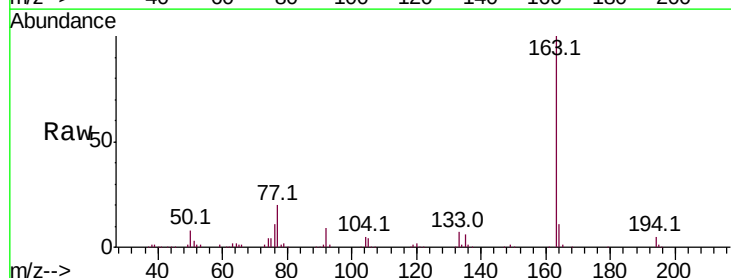
Tgt Ion:163 Resp: 323645

Ion Ratio Lower Upper

163 100

194 4.8 3.8 5.6

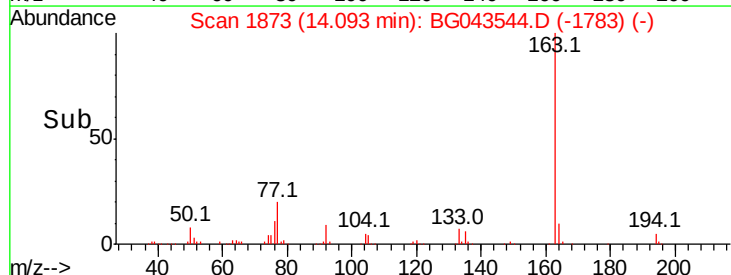
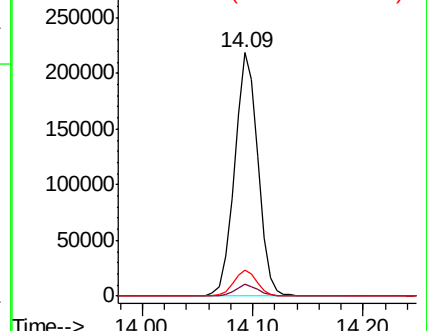
164 10.5 8.9 13.3

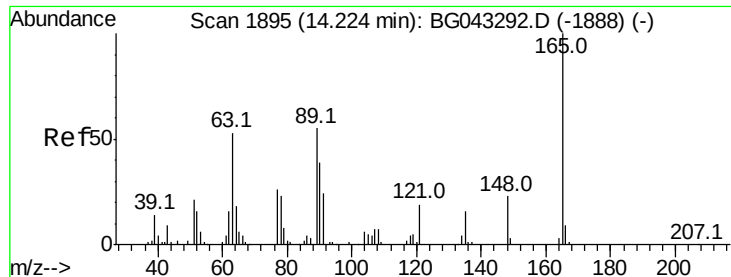


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.170 ng

RT: 14.22 min Scan# 1894

Delta R.T. 0.00 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

Instrument :

BNA_G

ClientSampled :

TP- 32-DMS

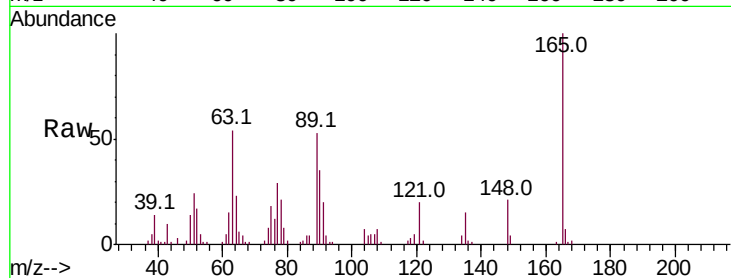
Tot Ion:165 Resp: 63768

Ion Ratio Lower Upper

165 100

63 53.6 46.6 69.8

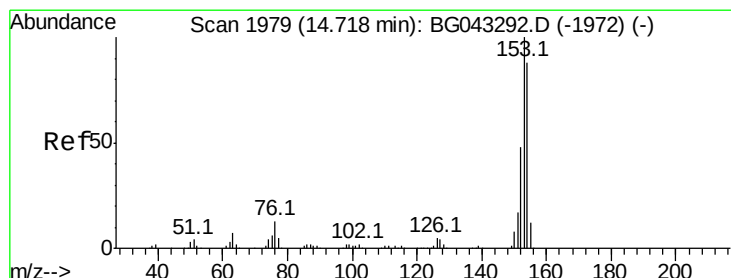
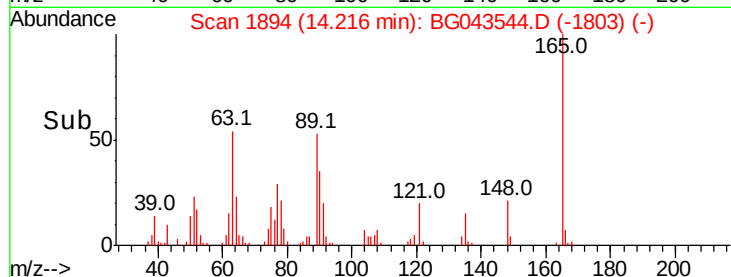
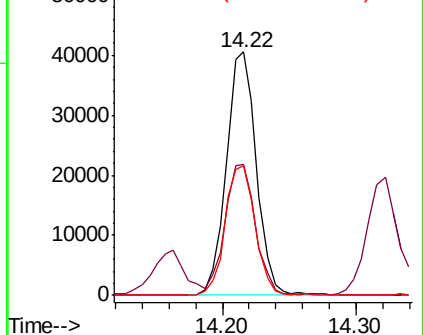
89 53.2 45.1 67.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 42.257 ng

RT: 14.70 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

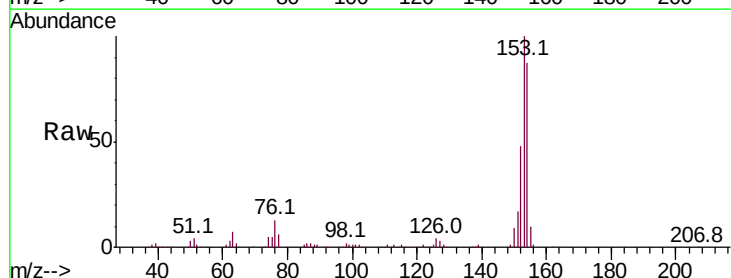
Tgt Ion:154 Resp: 199171

Ion Ratio Lower Upper

154 100

153 114.9 88.2 132.2

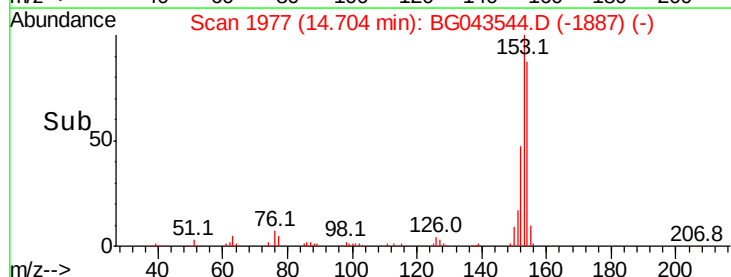
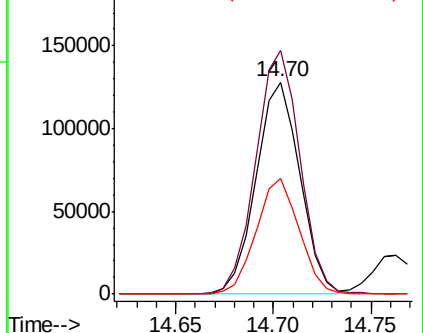
152 54.7 40.0 60.0

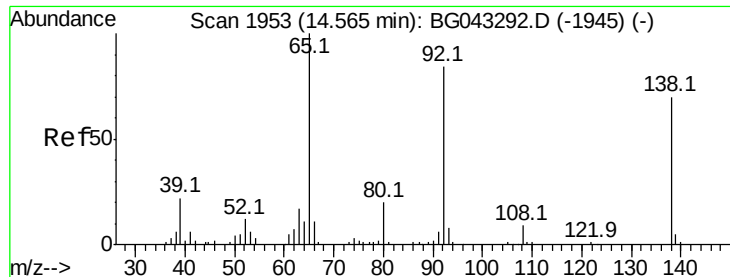


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 18.511 ng

RT: 14.56 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMS

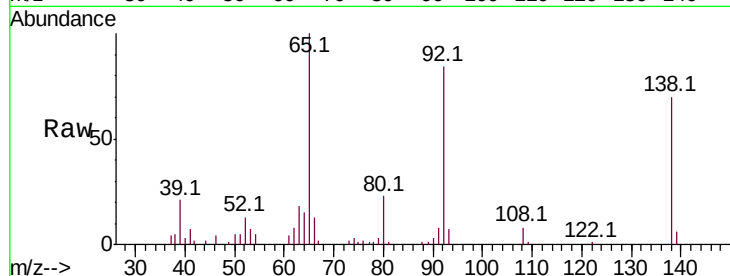
Tot Ion:138 Resp: 25802

Ion Ratio Lower Upper

138 100

108 10.9 8.0 12.0

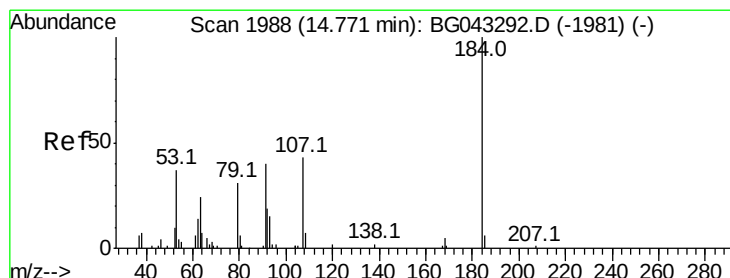
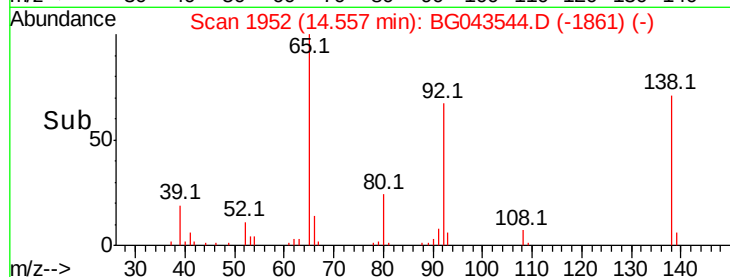
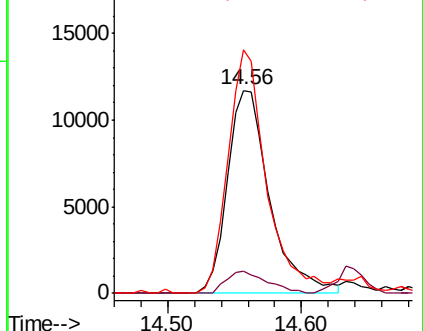
92 119.9 90.9 136.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 73.009 ng

RT: 14.76 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

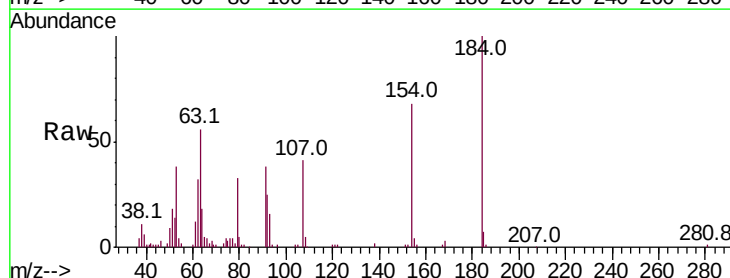
Tgt Ion:184 Resp: 65188

Ion Ratio Lower Upper

184 100

63 56.4 51.3 76.9

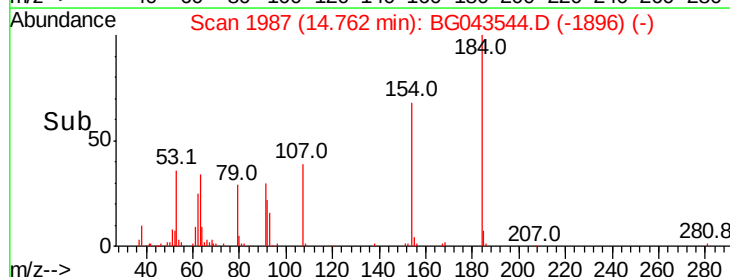
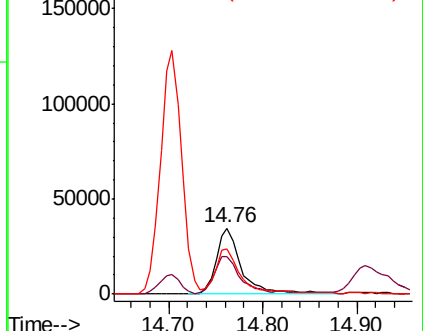
154 67.8 55.4 83.0

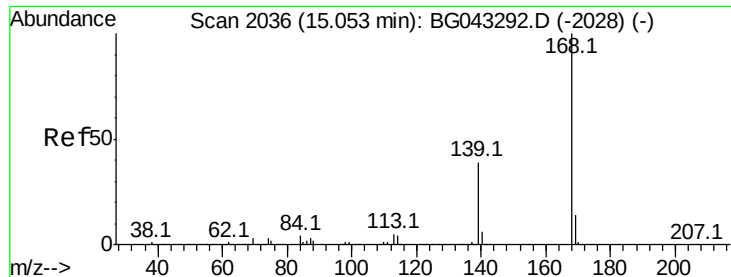


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

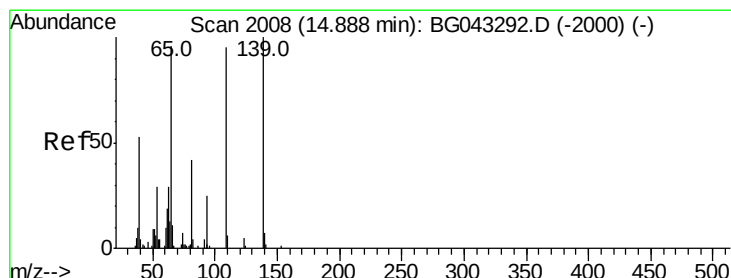
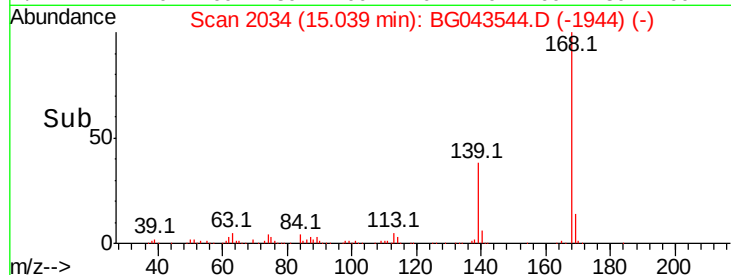
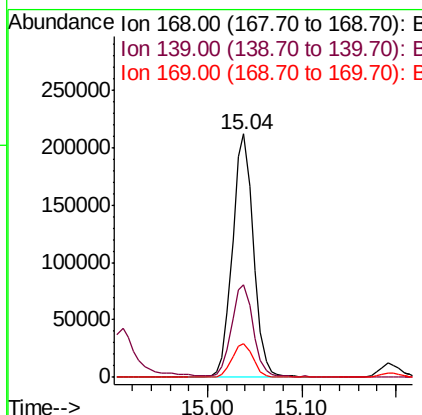
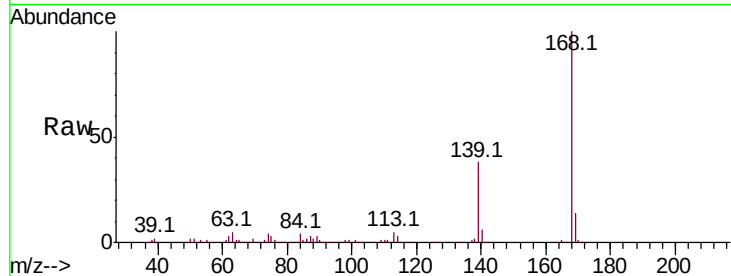




#55
Dibenzenofuran
Concen: 43.039 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG043544.D
Acq: 7 Nov 2019 18:12

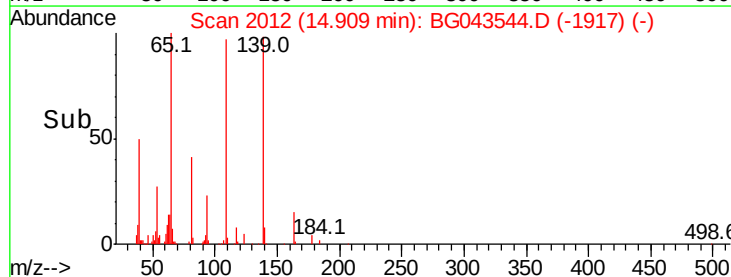
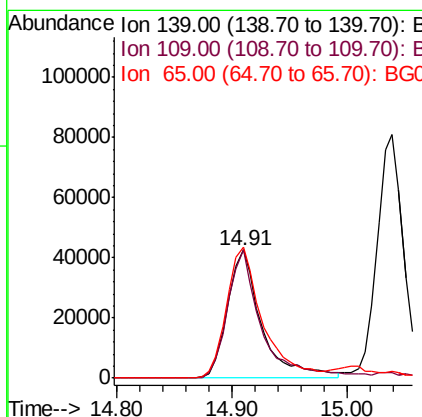
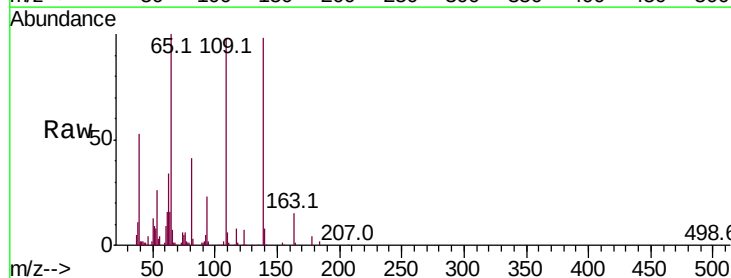
Instrument :
BNA_G
ClientSampled :
TP- 32-DMS

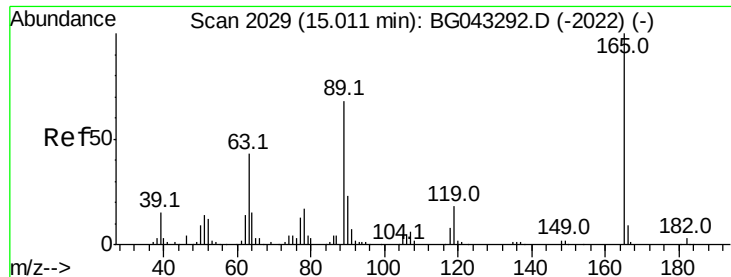
Tot Ion:168 Resp: 328972
Ion Ratio Lower Upper
168 100
139 38.2 31.0 46.6
169 13.6 11.7 17.5



#56
4-Nitrophenol
Concen: 93.690 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.03 min
Lab File: BG043544.D
Acq: 7 Nov 2019 18:12

Tgt Ion:139 Resp: 87513
Ion Ratio Lower Upper
139 100
109 99.9 87.2 127.2
65 102.2 83.8 123.8

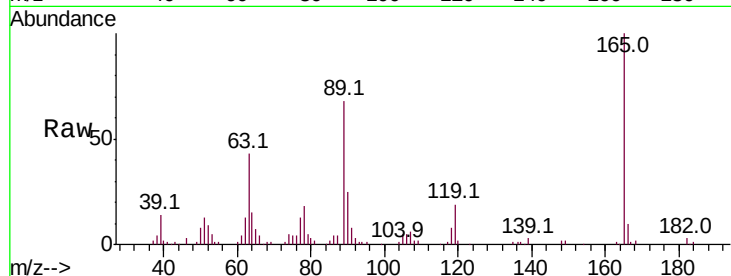




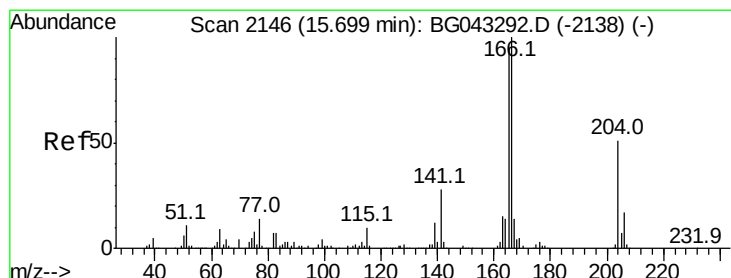
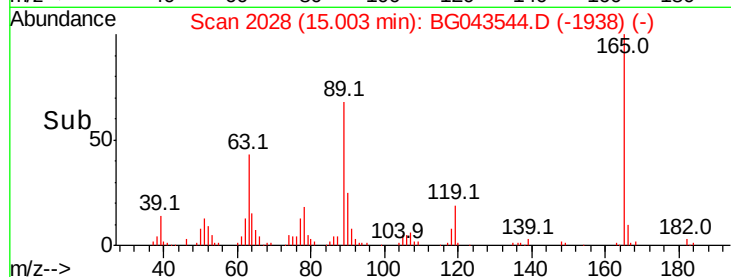
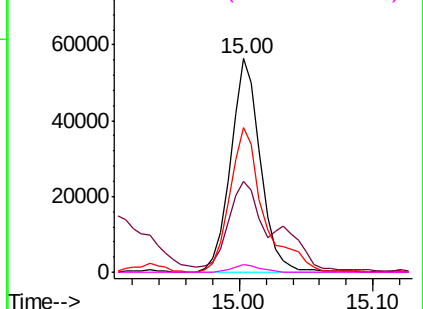
#57
2,4-Dinitrotoluene
Concen: 42.325 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG043544.D
Acq: 7 Nov 2019 18:12

Instrument :
BNA_G
ClientSampleId :
TP- 32-DMS

Tot Ion:165 Resp: 87326
Ion Ratio Lower Upper
165 100
63 42.5 33.2 49.8
89 67.6 52.2 78.4
182 3.4 2.0 3.0#

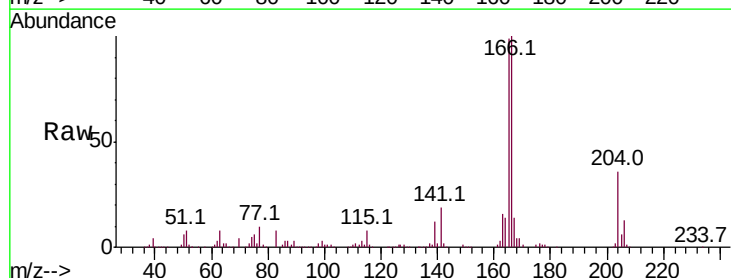


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

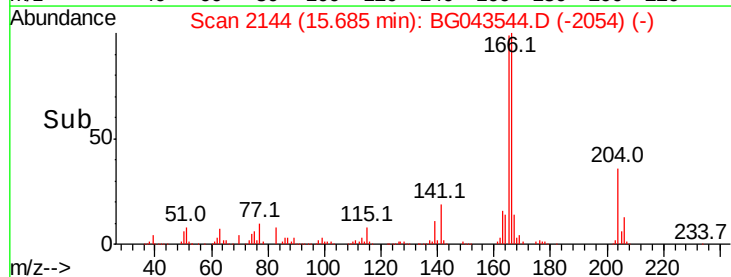
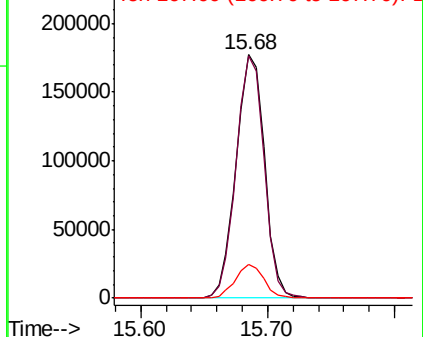


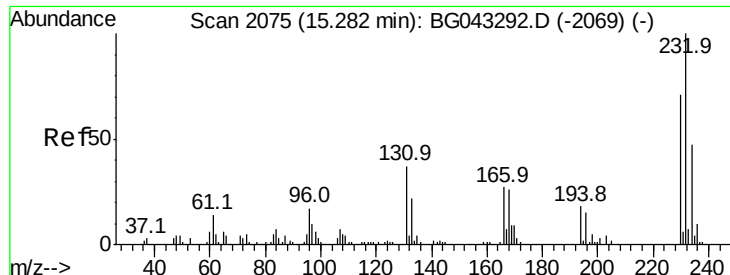
#58
Fluorene
Concen: 43.100 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG043544.D
Acq: 7 Nov 2019 18:12

Tgt Ion:166 Resp: 276306
Ion Ratio Lower Upper
166 100
165 99.3 79.0 118.6
167 13.6 10.5 15.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

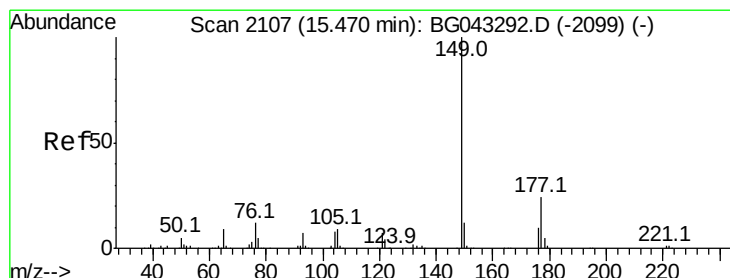
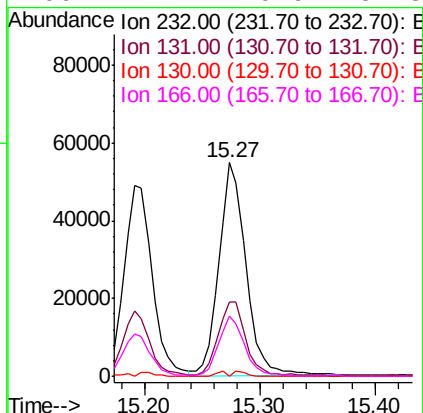
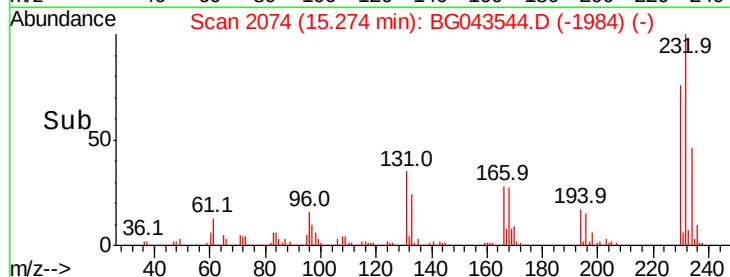
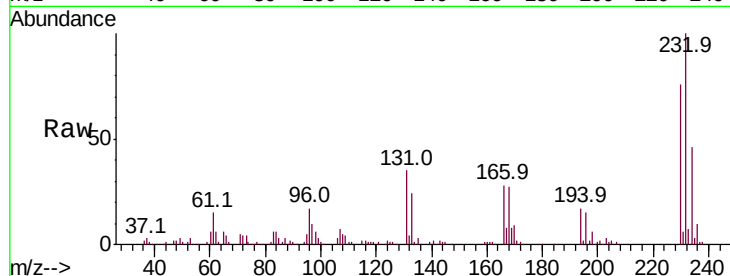




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.926 ng
 RT: 15.27 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG043544.D
 Acq: 7 Nov 2019 18:12

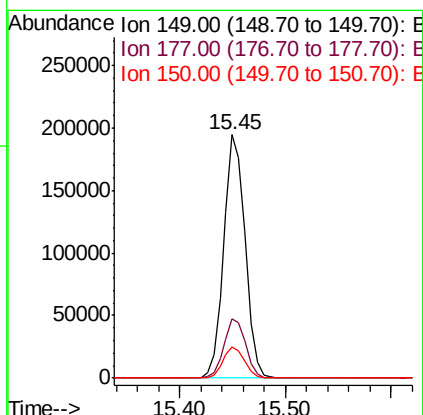
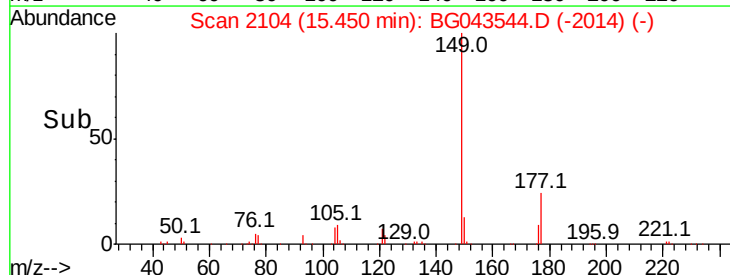
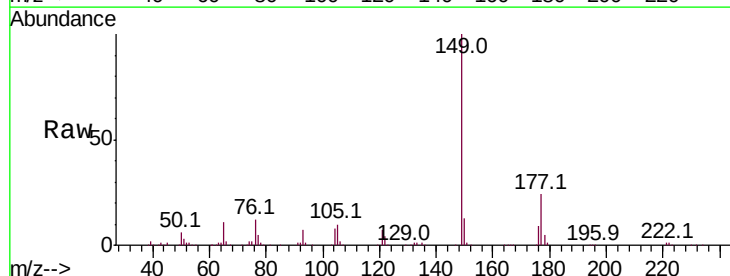
Instrument :
 BNA_G
 ClientSampleId :
 TP- 32-DMS

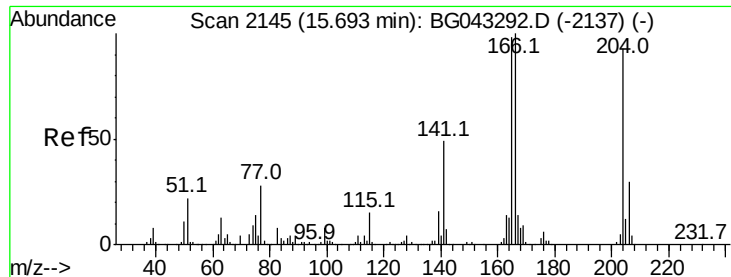
Tot Ion	Ratio	Lower	Upper
232	100		
131	0.0	26.9	40.3#
130	0.8	1.8	2.6#
166	27.2	20.9	31.3



#60
 Diethylphthalate
 Concen: 40.772 ng
 RT: 15.45 min Scan# 2104
 Delta R.T. -0.00 min
 Lab File: BG043544.D
 Acq: 7 Nov 2019 18:12

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.4	19.6	29.4
150	12.9	10.8	16.2

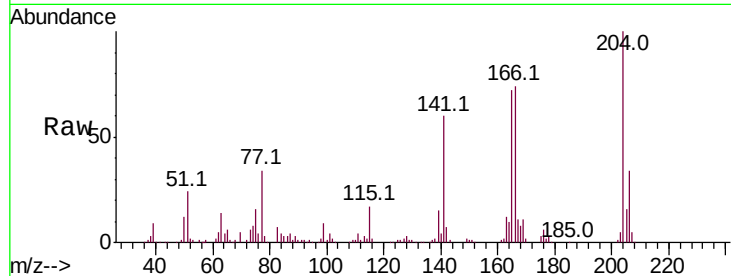




#61
 4-Chlorophenyl-phenylether
 Concen: 40.879 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BG043544.D
 Acq: 7 Nov 2019 18:12

Instrument :
 BNA_G
 ClientSampleId :
 TP- 32-DMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.3	28.4	42.6
141	59.9	43.0	64.6

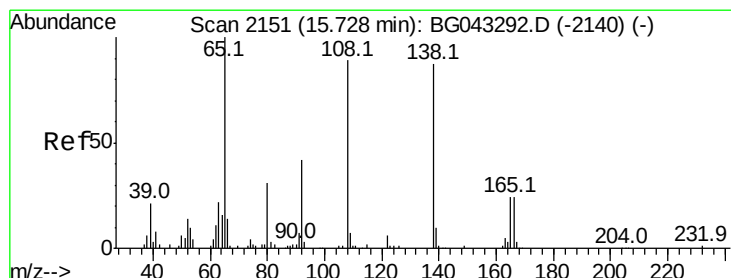
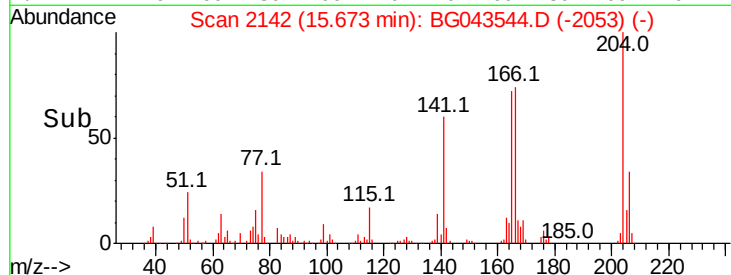
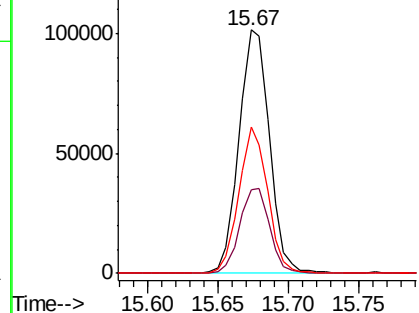


Abundance

Ion 204.00 (203.70 to 204.70): E

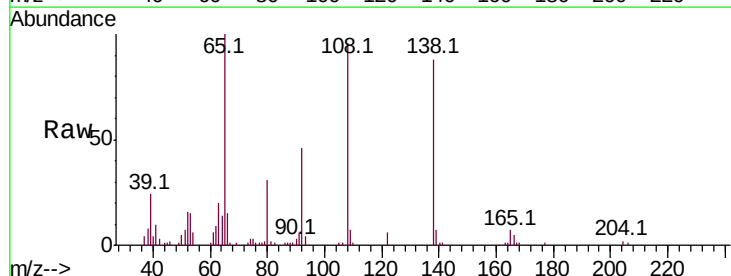
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 39.986 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. 0.00 min
 Lab File: BG043544.D
 Acq: 7 Nov 2019 18:12

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.3	33.4	73.4
108	109.1	78.0	118.0

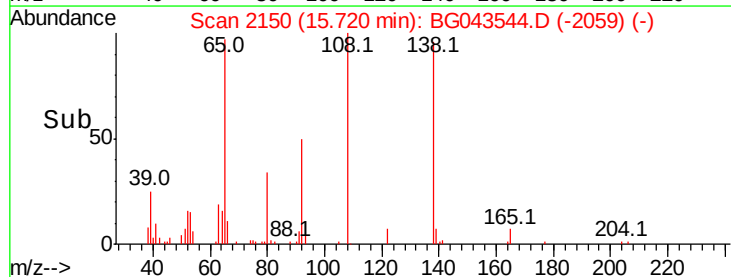
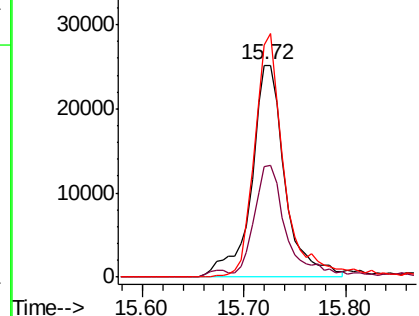


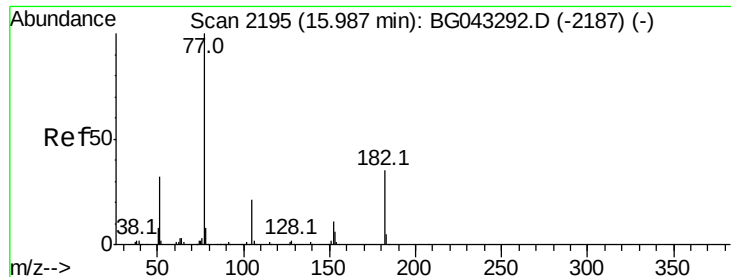
Abundance

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: 42.652 ng

RT: 15.97 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMS

Tot Ion: 77 Resp: 230490

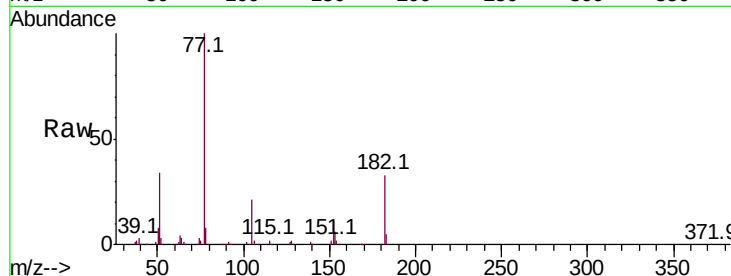
Ion Ratio Lower Upper

77 100

182 32.8 13.7 53.7

105 20.9 0.4 40.4

51 33.8 11.0 51.0



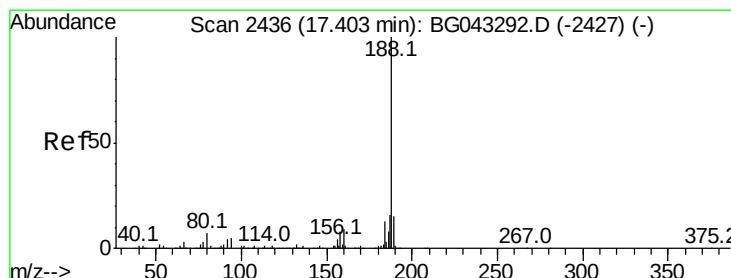
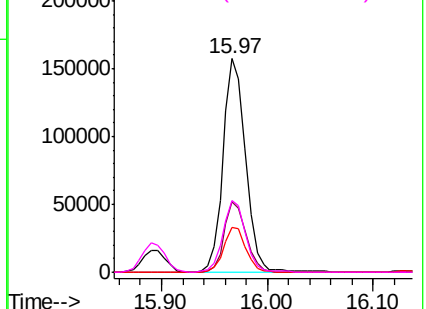
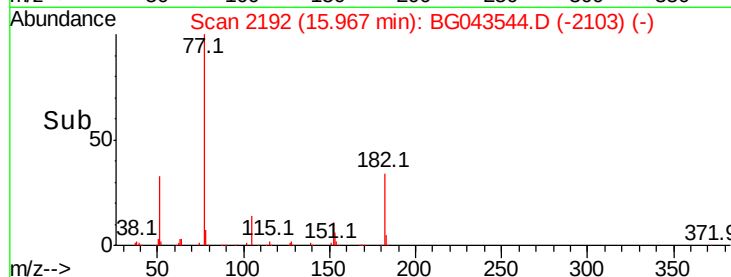
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

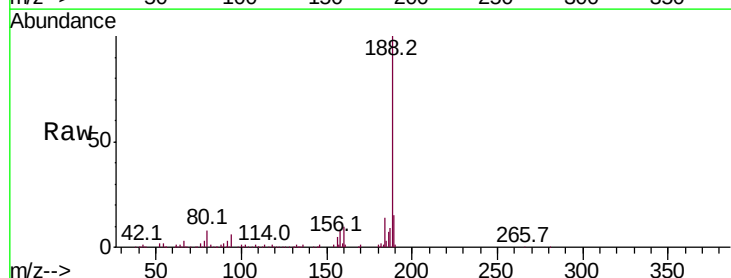
Tgt Ion: 188 Resp: 206612

Ion Ratio Lower Upper

188 100

94 5.6 4.2 6.4

80 7.5 4.5 6.7#

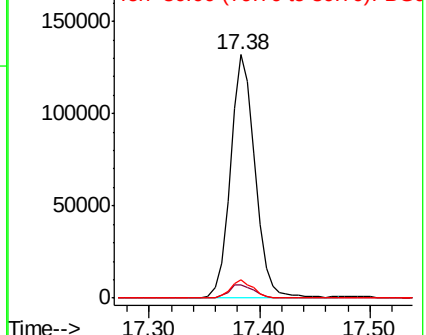
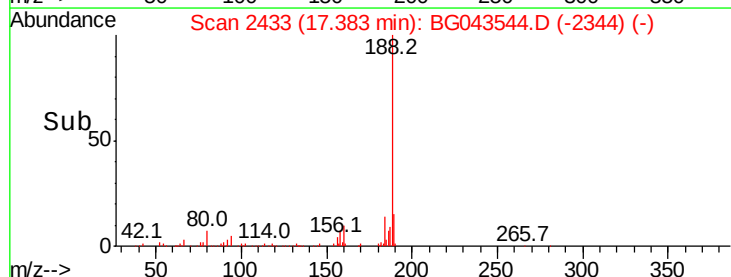


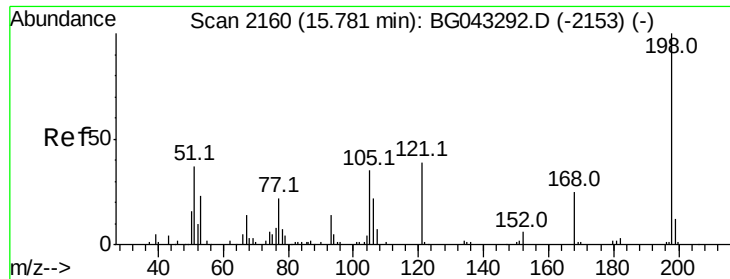
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

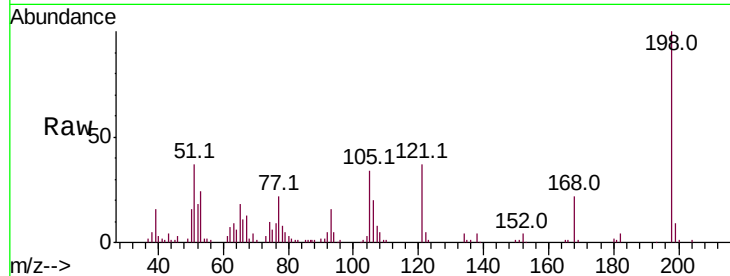




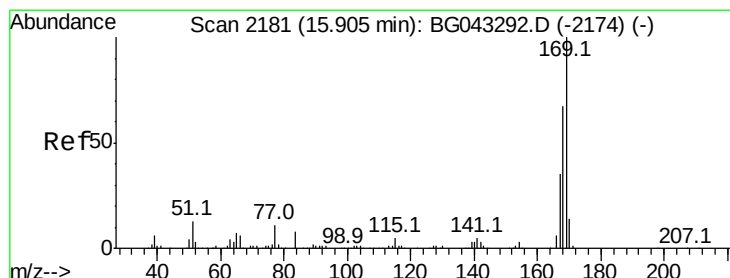
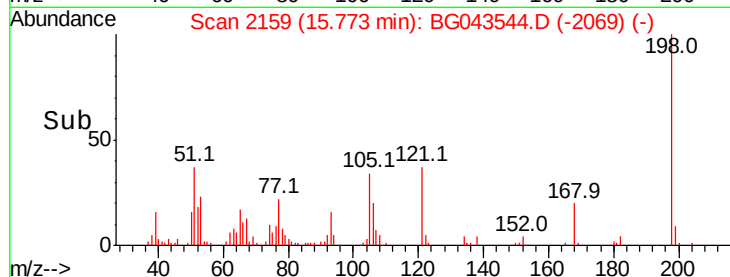
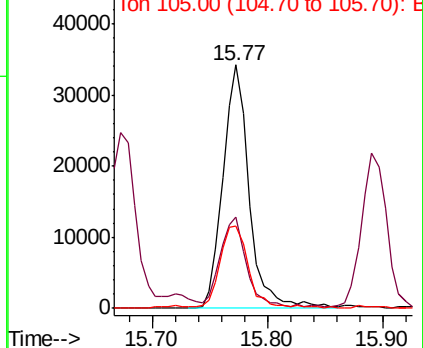
#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.278 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BG043544.D
 Acq: 7 Nov 2019 18:12

Instrument :
 BNA_G
 ClientSampleId :
 TP- 32-DMS

Tot Ion:198 Resp: 53838
 Ion Ratio Lower Upper
 198 100
 51 37.4 13.2 53.2
 105 34.0 15.8 55.8

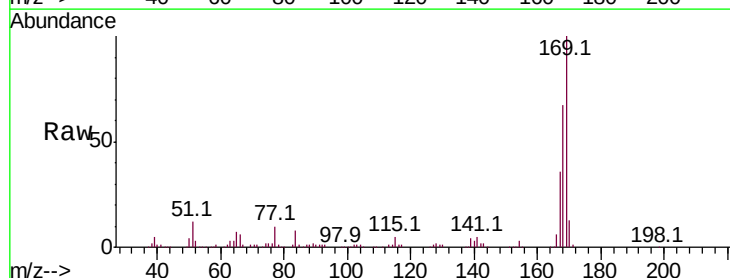


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

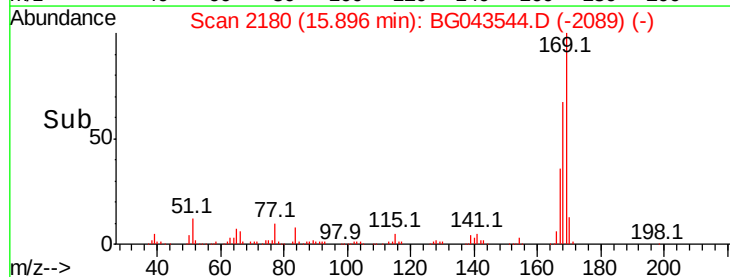
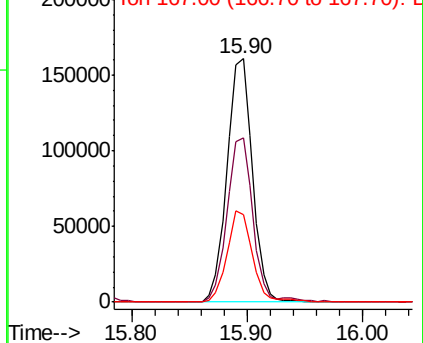


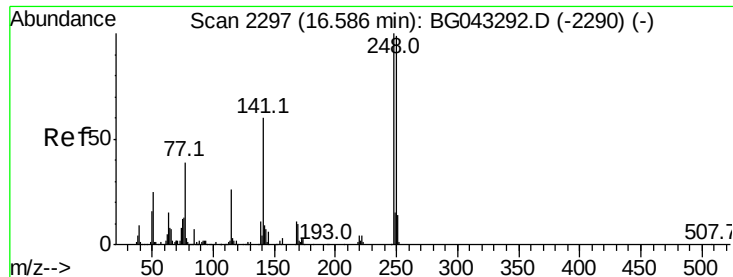
#66
 n-Nitrosodiphenylamine
 Concen: 42.223 ng
 RT: 15.90 min Scan# 2180
 Delta R.T. 0.00 min
 Lab File: BG043544.D
 Acq: 7 Nov 2019 18:12

Tgt Ion:169 Resp: 246294
 Ion Ratio Lower Upper
 169 100
 168 67.3 53.8 80.6
 167 35.8 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

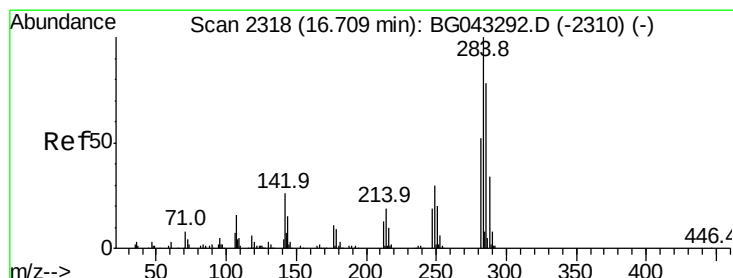
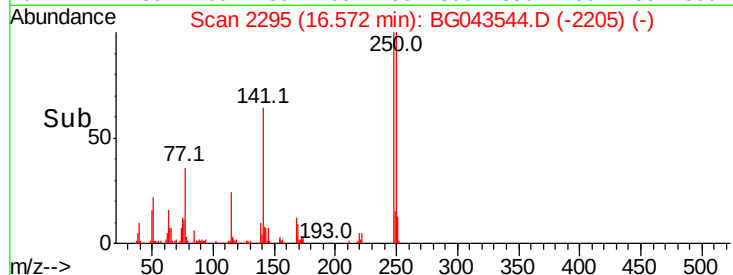
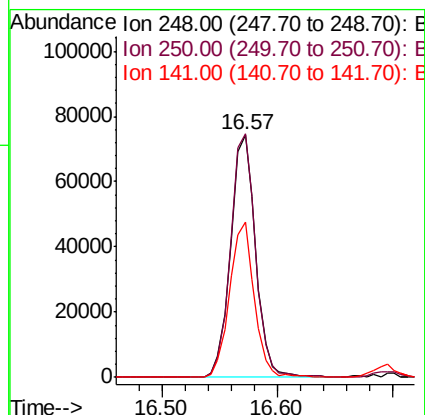
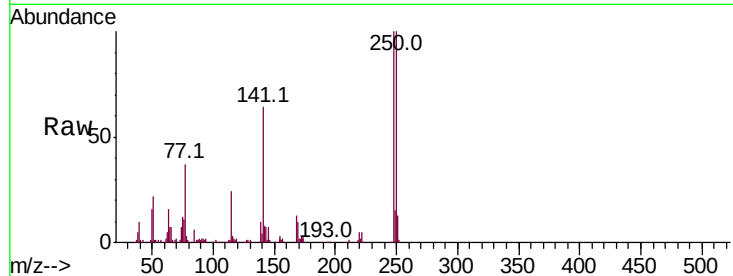




#67
4-Bromophenyl-phenylether
Concen: 39.950 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG043544.D
Acq: 7 Nov 2019 18:12

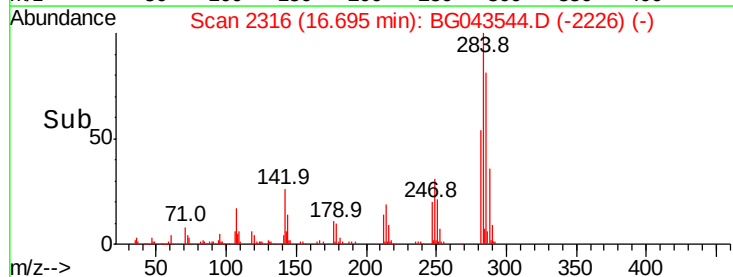
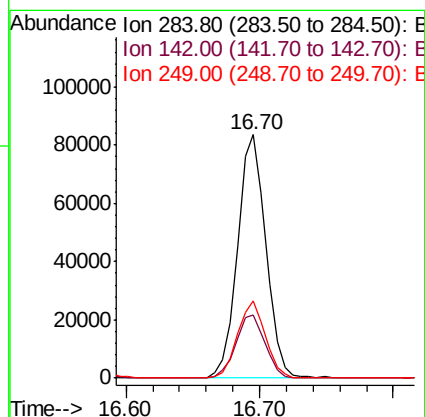
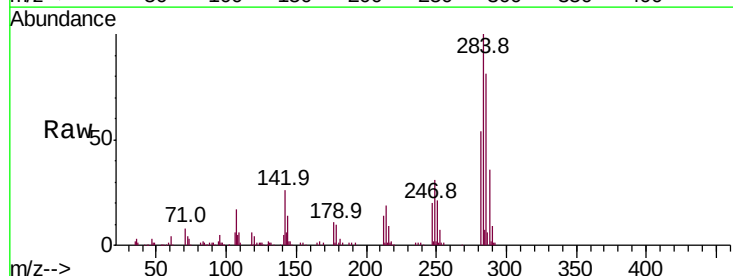
Instrument :
BNA_G
ClientSampleId :
TP- 32-DMS

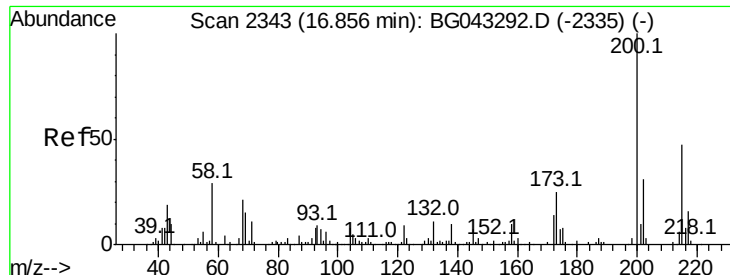
Tot Ion:248 Resp: 111083
Ion Ratio Lower Upper
248 100
250 100.4 77.0 115.4
141 63.9 47.5 71.3



#68
Hexachlorobenzene
Concen: 38.432 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG043544.D
Acq: 7 Nov 2019 18:12

Tgt Ion:284 Resp: 122662
Ion Ratio Lower Upper
284 100
142 25.9 19.8 29.8
249 31.5 23.8 35.6





#69

Atrazine

Concen: 53.200 ng

RT: 16.84 min Scan# 2341

Delta R.T. -0.00 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMS

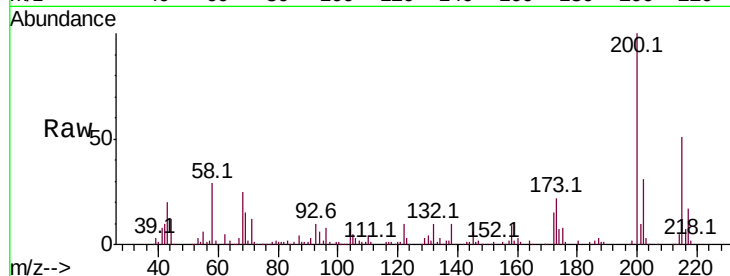
Tot Ion:200 Resp: 107832

Ion Ratio Lower Upper

200 100

173 22.0 4.7 44.7

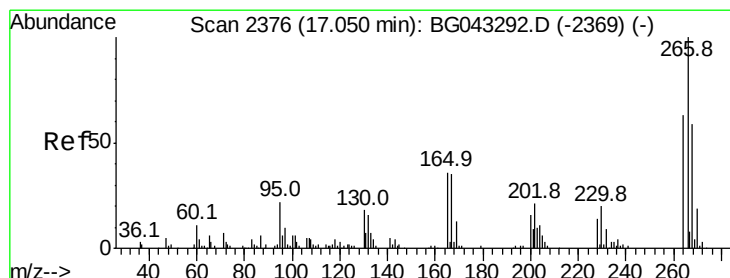
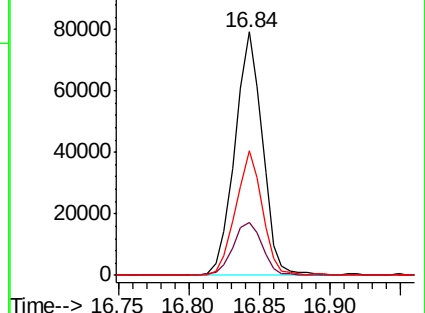
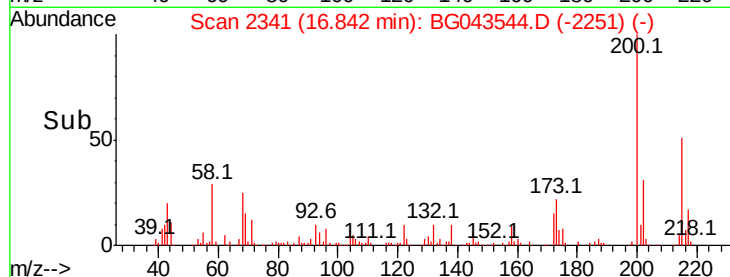
215 51.2 28.5 68.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 75.251 ng

RT: 17.05 min Scan# 2376

Delta R.T. -0.00 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

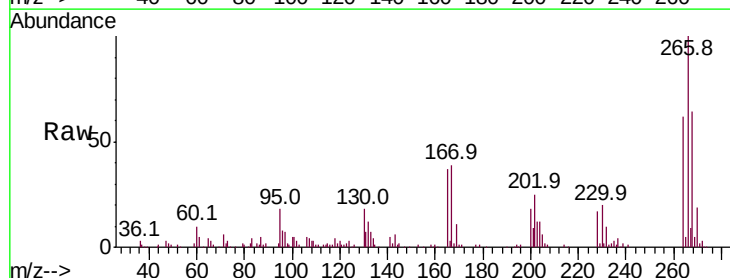
Tgt Ion:266 Resp: 109440

Ion Ratio Lower Upper

266 100

268 64.3 50.4 75.6

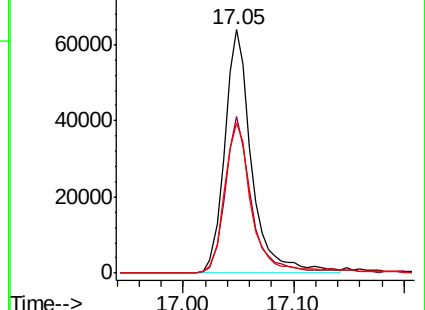
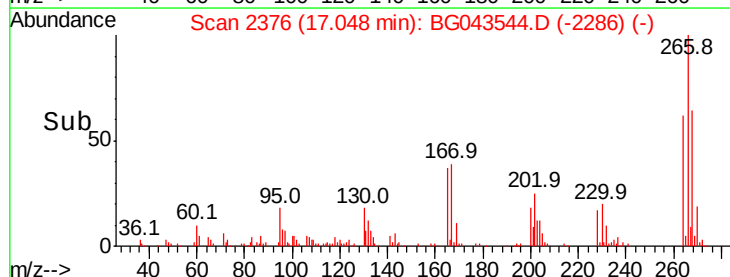
264 61.5 48.9 73.3

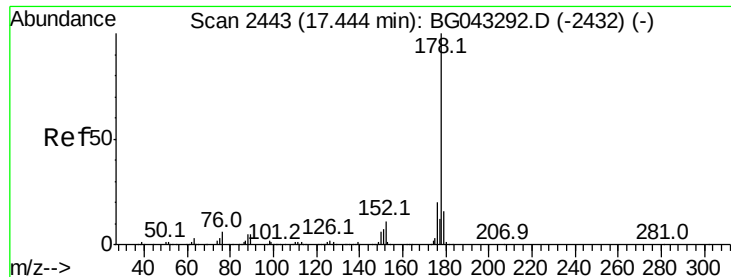


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

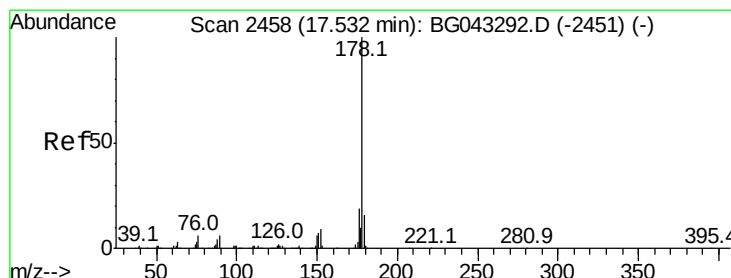
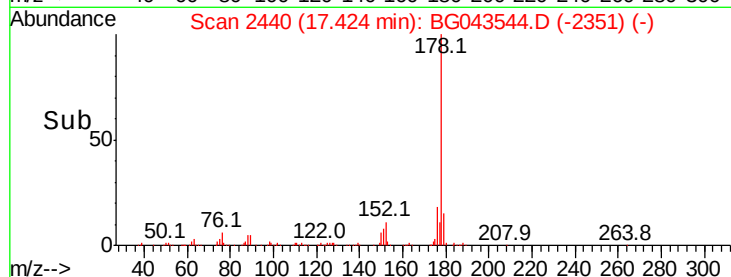
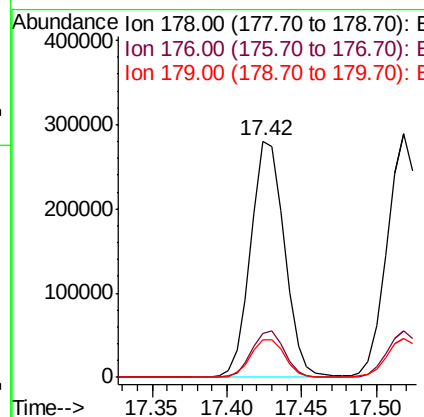
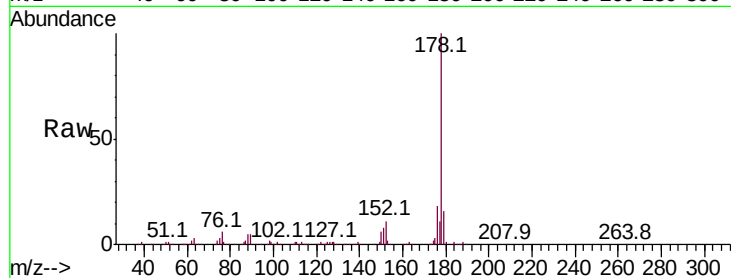




#71
 Phenanthrene
 Concen: 41.528 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BG043544.D
 Acq: 7 Nov 2019 18:12

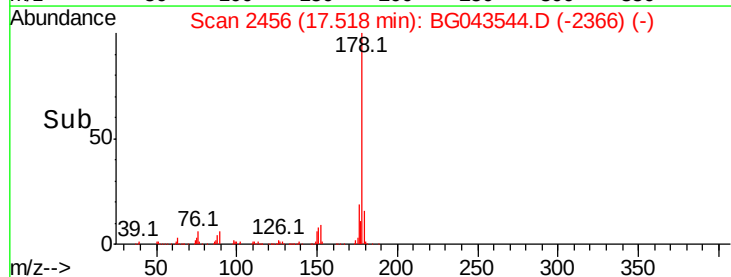
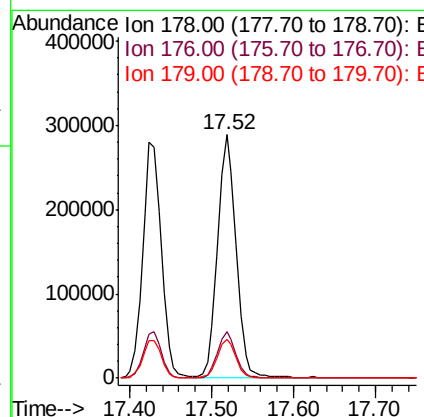
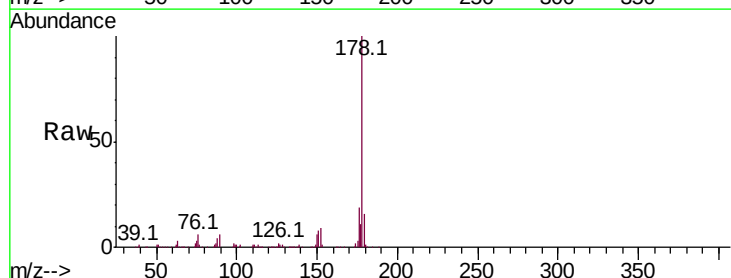
Instrument :
 BNA_G
 ClientSampleId :
 TP- 32-DMS

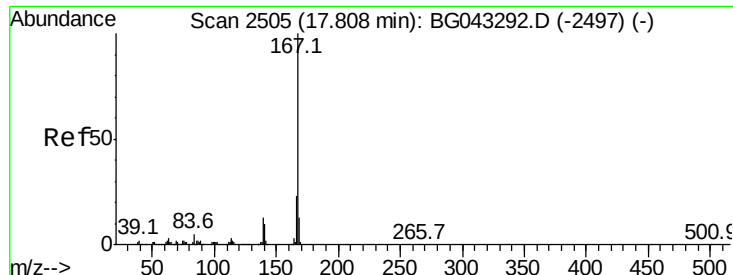
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.0
179	15.7	13.0	19.6



#72
 Anthracene
 Concen: 43.374 ng
 RT: 17.52 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: BG043544.D
 Acq: 7 Nov 2019 18:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.8	13.7	20.5





#73

Carbazole

Concen: 42.729 ng

RT: 17.79 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMS

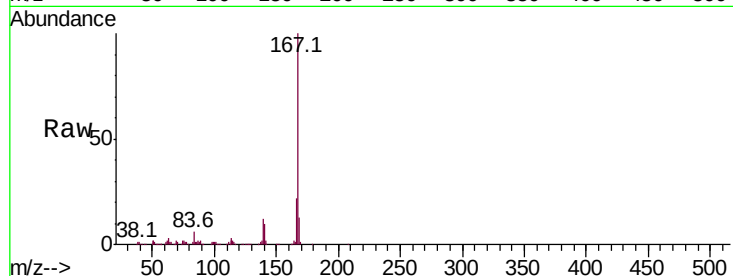
Tot Ion:167 Resp: 409599

Ion Ratio Lower Upper

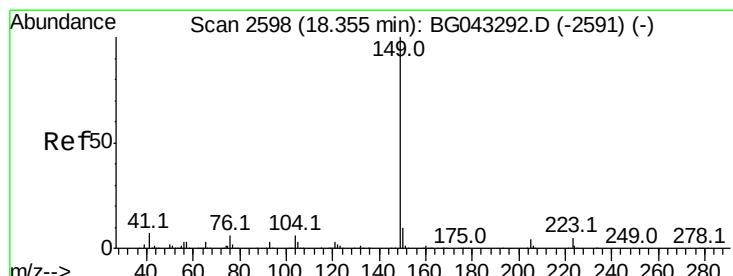
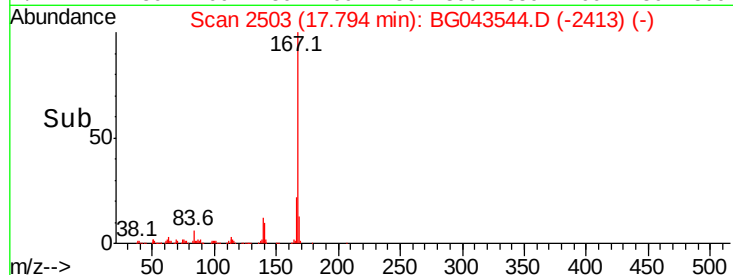
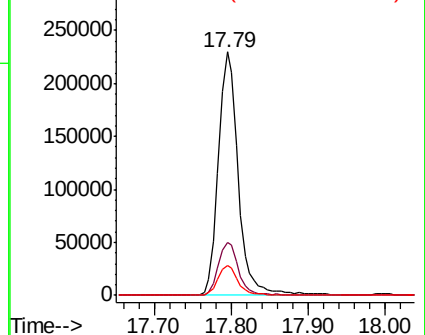
167 100

166 21.8 18.7 28.1

139 12.3 10.0 15.0



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



#74

Di-n-butylphthalate

Concen: 41.434 ng

RT: 18.34 min Scan# 2596

Delta R.T. -0.00 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

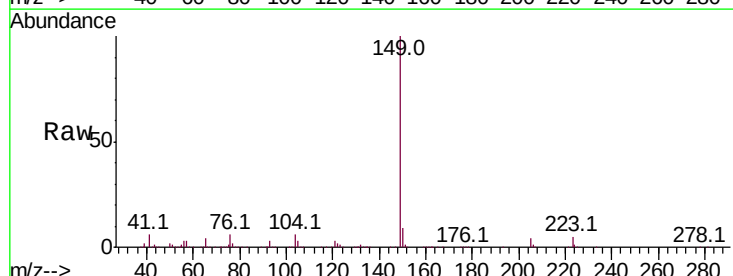
Tgt Ion:149 Resp: 481926

Ion Ratio Lower Upper

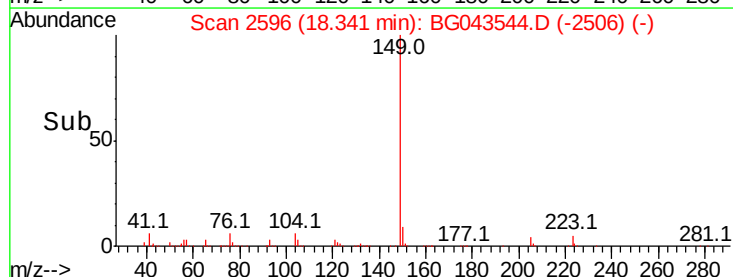
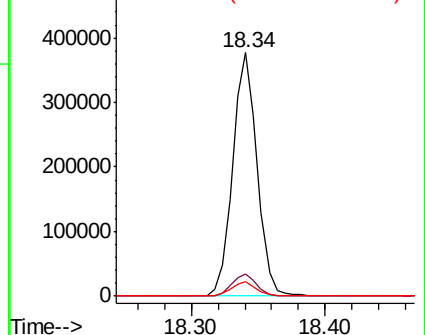
149 100

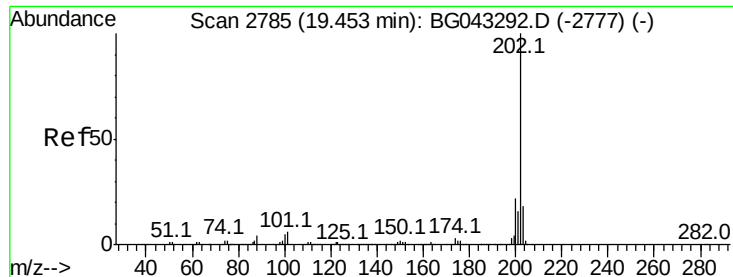
150 9.3 8.0 12.0

104 5.8 4.4 6.6



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





#75

Fluoranthene

Concen: 42.028 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMS

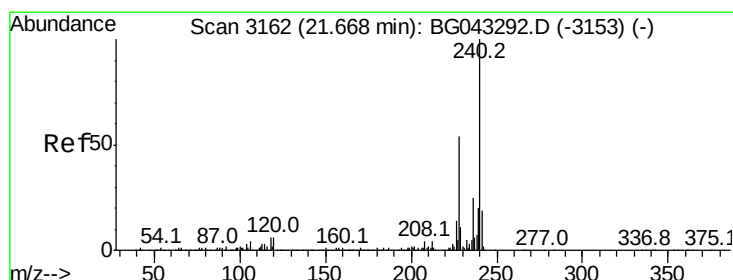
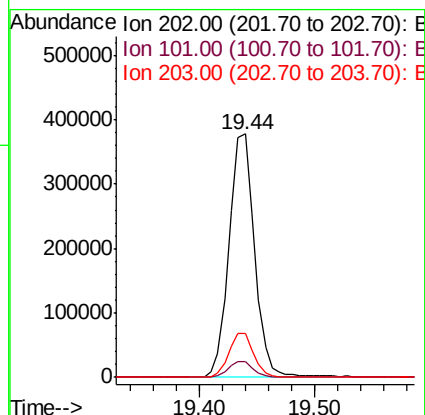
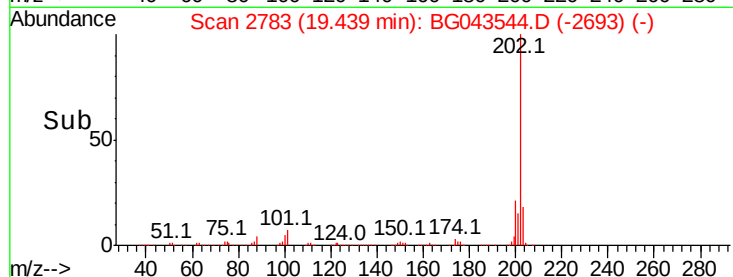
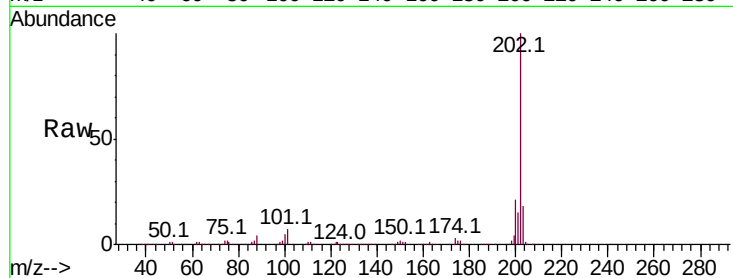
Tot Ion:202 Resp: 579695

Ion Ratio Lower Upper

202 100

101 6.7 0.0 26.3

203 18.0 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

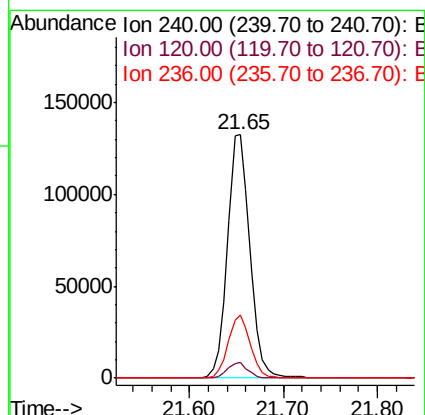
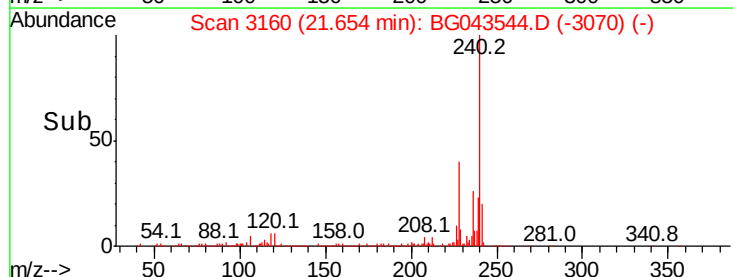
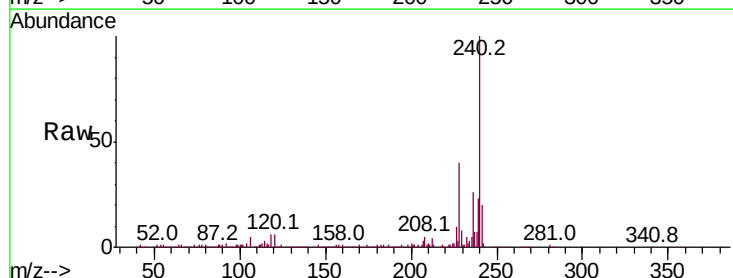
Tgt Ion:240 Resp: 220174

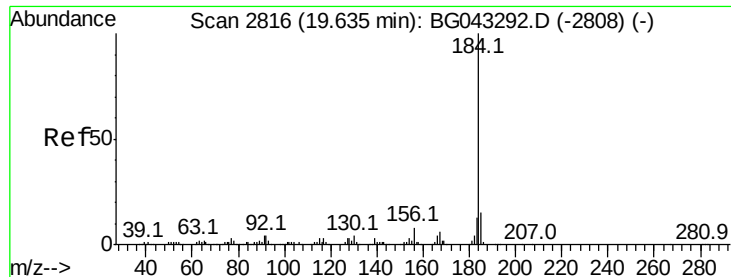
Ion Ratio Lower Upper

240 100

120 6.3 4.6 6.8

236 25.8 19.8 29.8





#77

Benzidine

Concen: 40.758 ng

RT: 19.62 min Scan# 2814

Delta R.T. -0.00 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMS

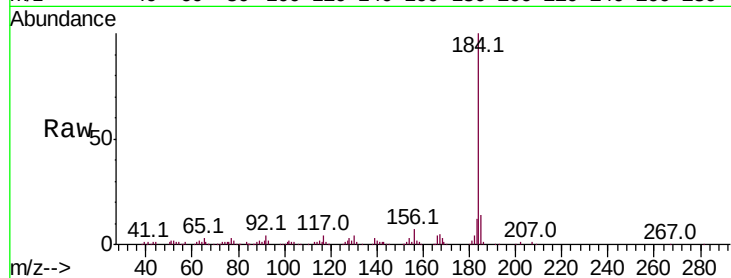
Tot Ion:184 Resp: 180602

Ion Ratio Lower Upper

184 100

185 13.8 11.0 16.4

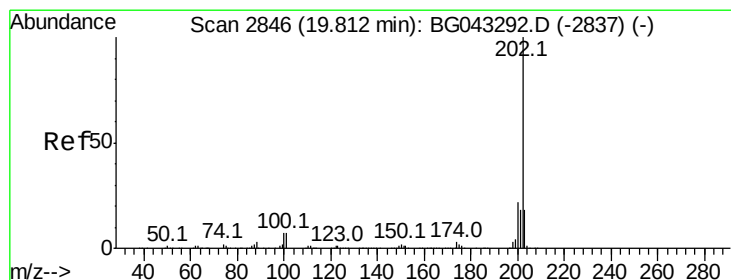
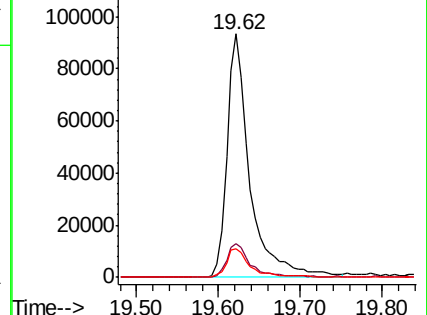
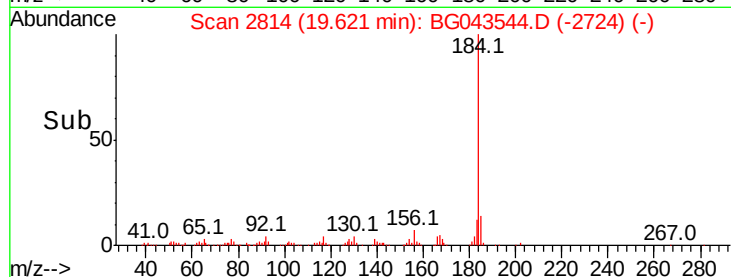
183 11.7 10.0 15.0



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: 43.288 ng

RT: 19.80 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

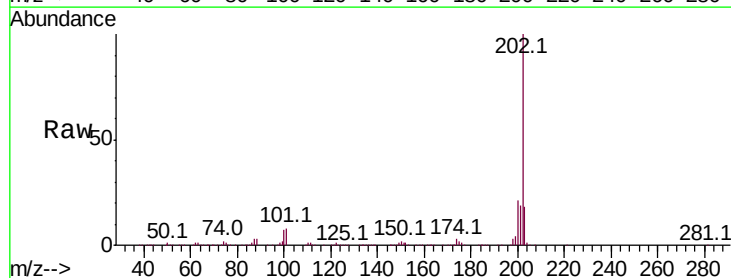
Tgt Ion:202 Resp: 589951

Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.4

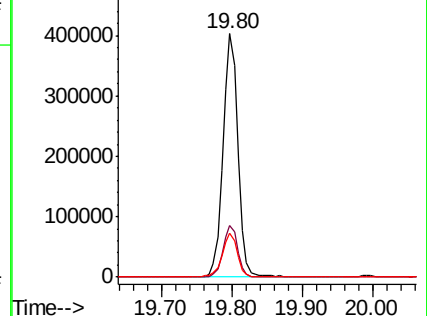
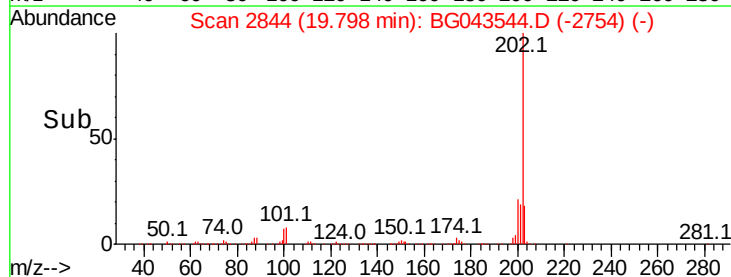
203 17.9 14.7 22.1

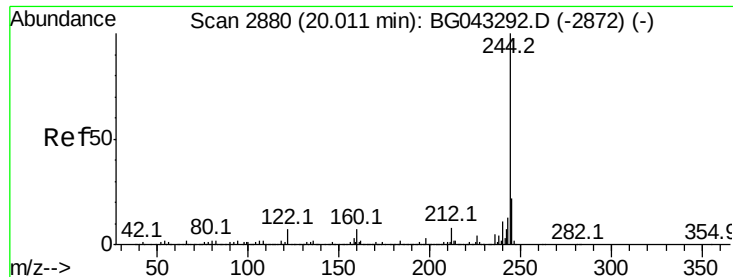


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.375 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMS

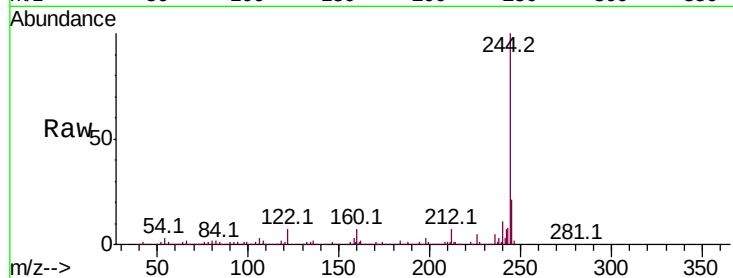
Tot Ion:244 Resp: 861128

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

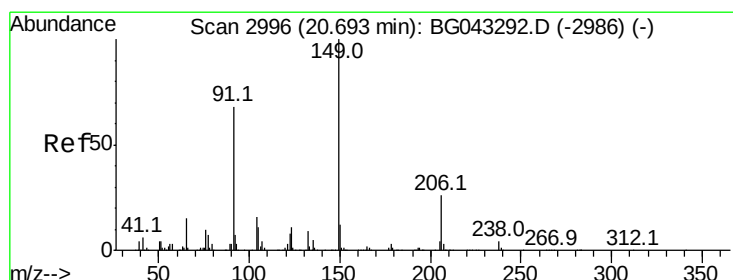
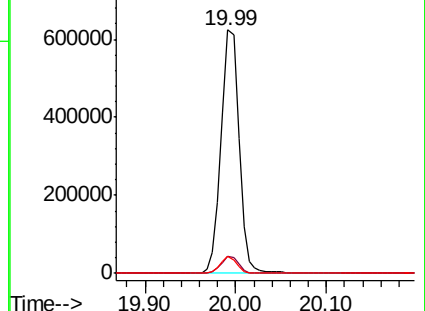
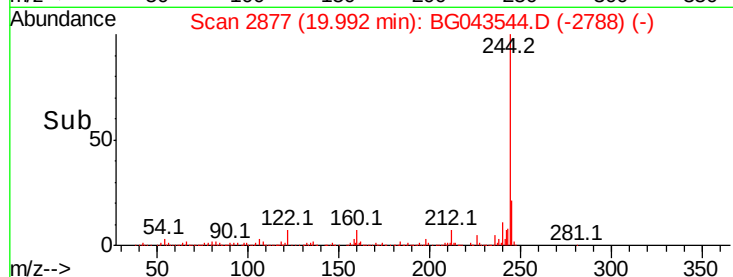
122 6.8 5.4 8.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.215 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

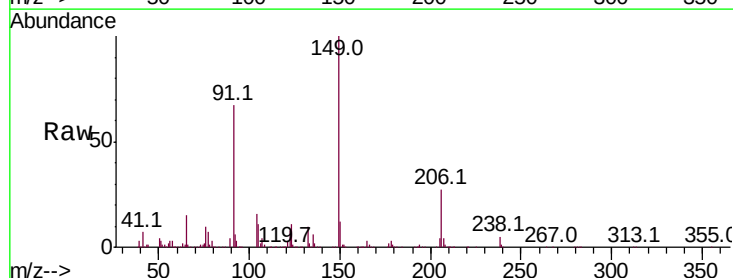
Tgt Ion:149 Resp: 217971

Ion Ratio Lower Upper

149 100

91 67.4 51.2 76.8

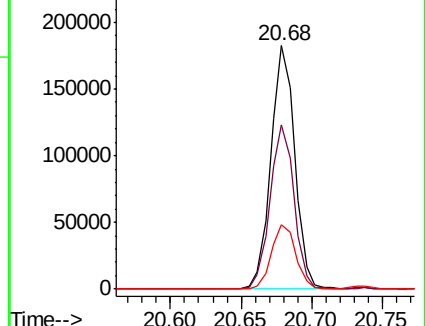
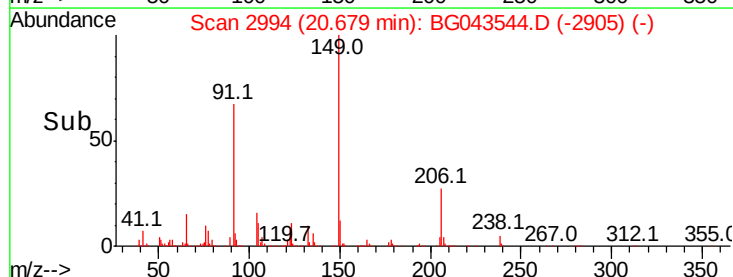
206 26.7 22.5 33.7

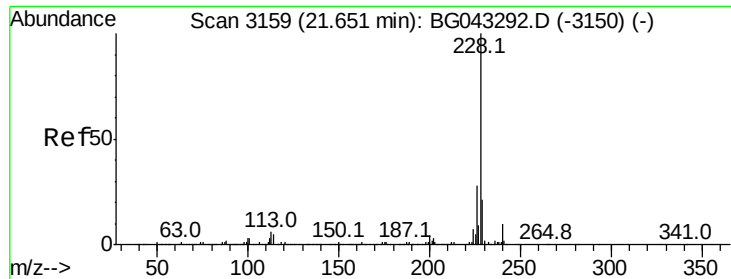


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.220 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

Instrument :

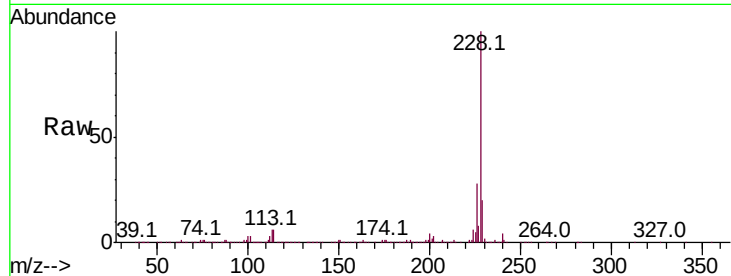
BNA_G

ClientSampleId :

TP- 32-DMS

Tot Ion:228 Resp: 596066

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.2	33.2
229	20.0	17.0	25.4

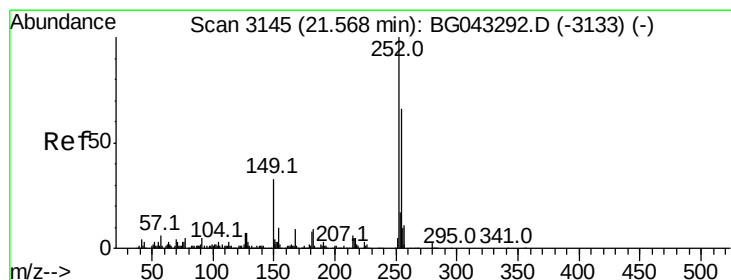
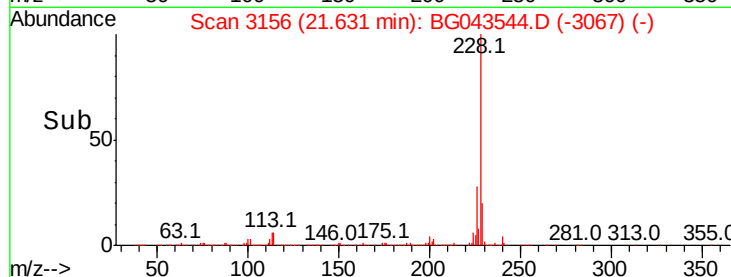
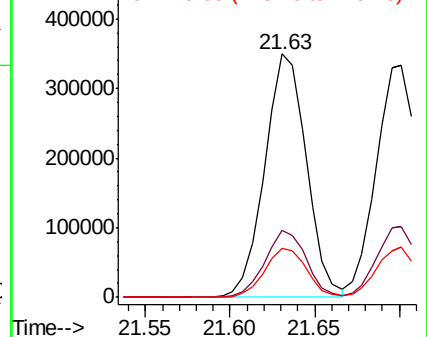


Abundance

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: 19.662 ng

RT: 21.55 min Scan# 3143

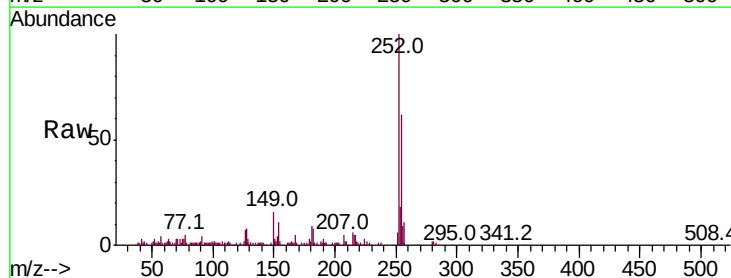
Delta R.T. 0.00 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

Tgt Ion:252 Resp: 104882

Ion	Ratio	Lower	Upper
252	100		
254	61.8	50.8	76.2
126	6.9	6.1	9.1

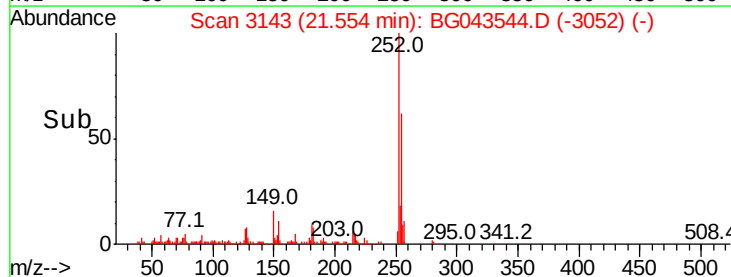
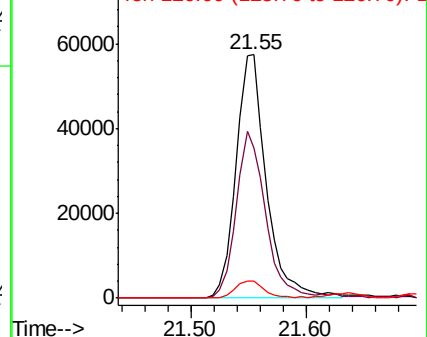


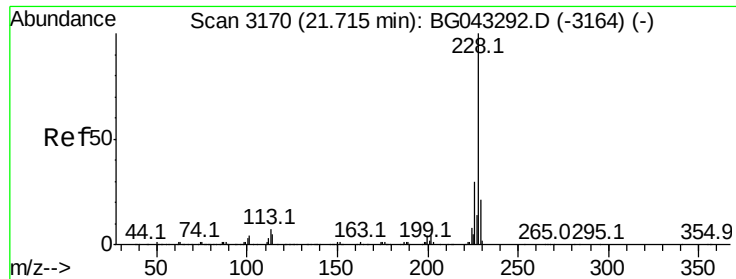
Abundance

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: 42.490 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

Instrument :

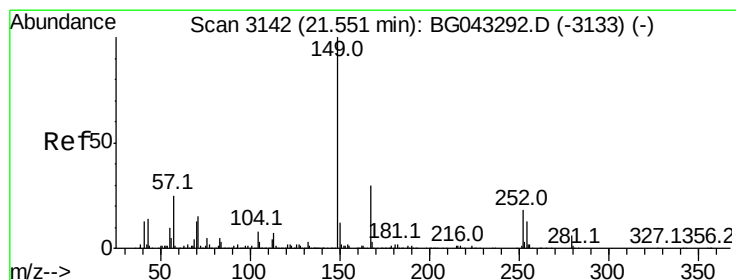
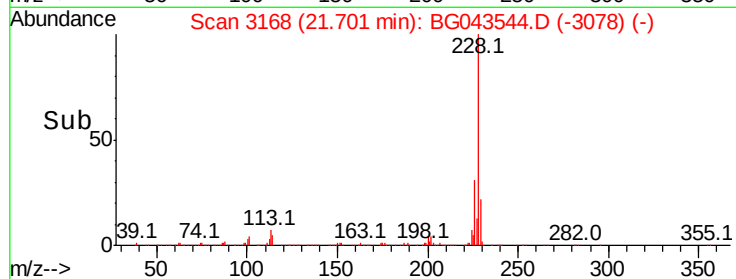
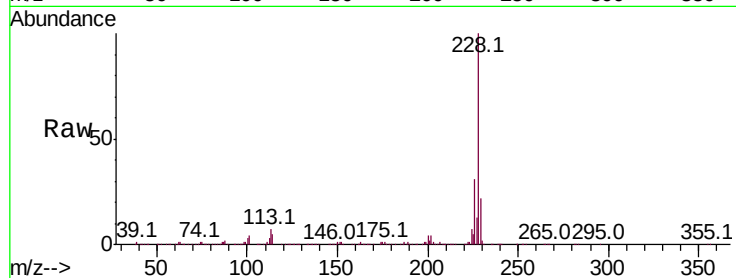
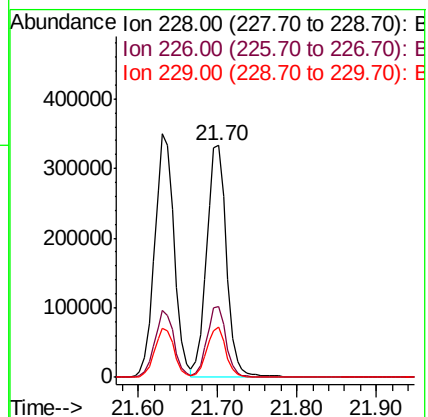
BNA_G

ClientSampleId :

TP- 32-DMS

Tot Ion:228 Resp: 582245

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.1	37.7
229	21.6	17.0	25.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.680 ng

RT: 21.53 min Scan# 3139

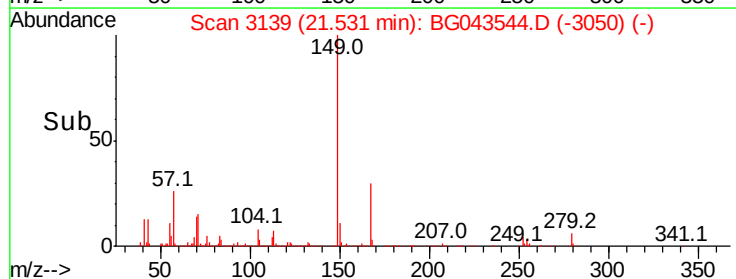
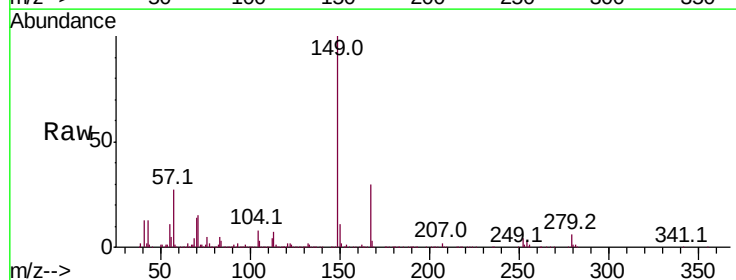
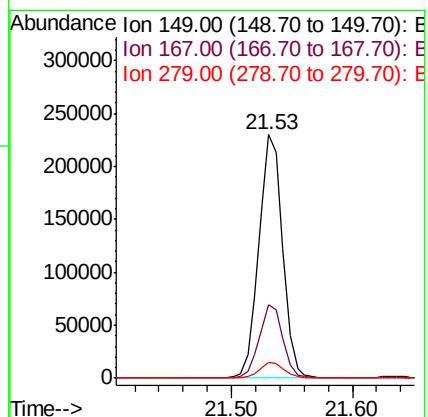
Delta R.T. -0.01 min

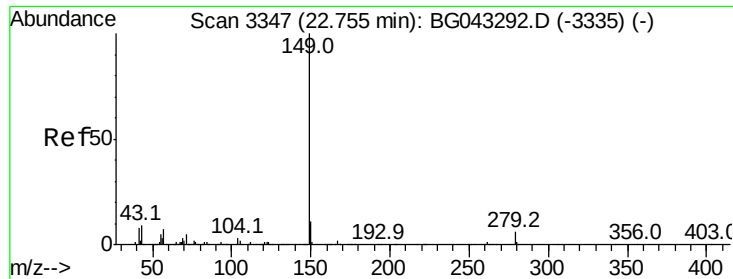
Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

Tgt Ion:149 Resp: 313035

Ion	Ratio	Lower	Upper
149	100		
167	30.2	24.0	36.0
279	6.3	5.4	8.2

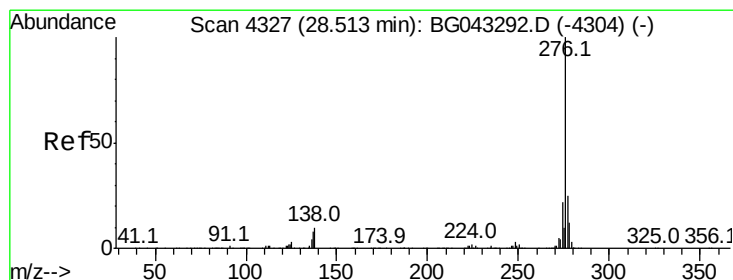
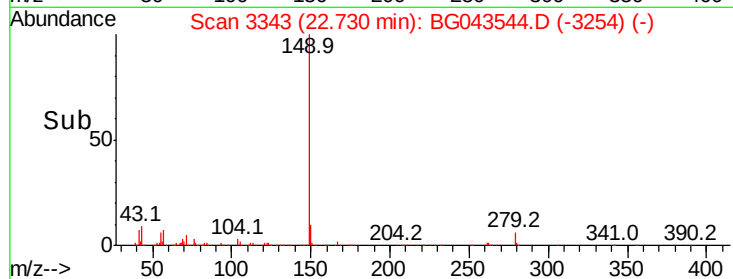
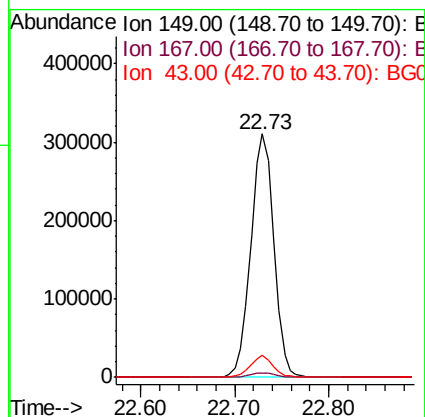
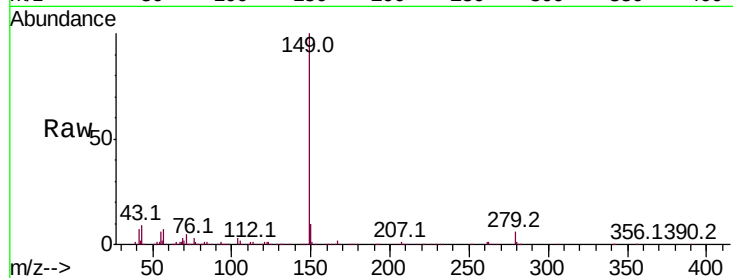




#85
Di-n-octyl phthalate
Concen: 42.427 ng
RT: 22.73 min Scan# 3343
Delta R.T. -0.01 min
Lab File: BG043544.D
Acq: 7 Nov 2019 18:12

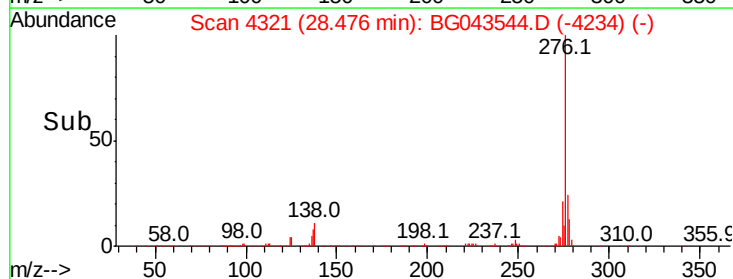
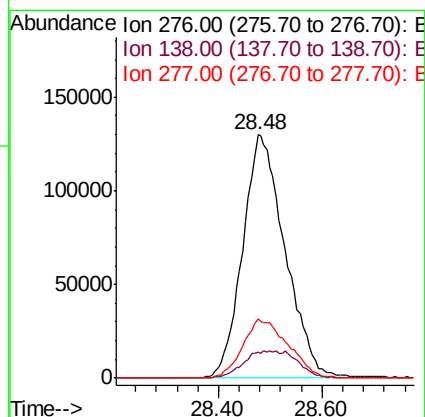
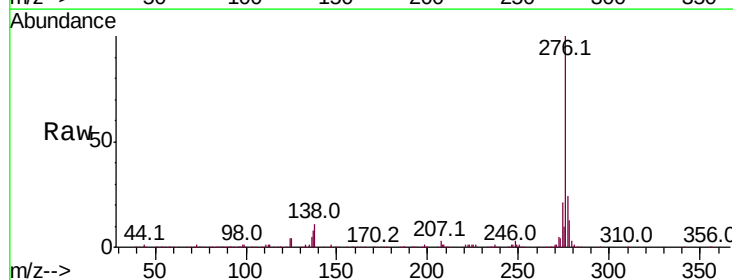
Instrument :
BNA_G
ClientSampleId :
TP- 32-DMS

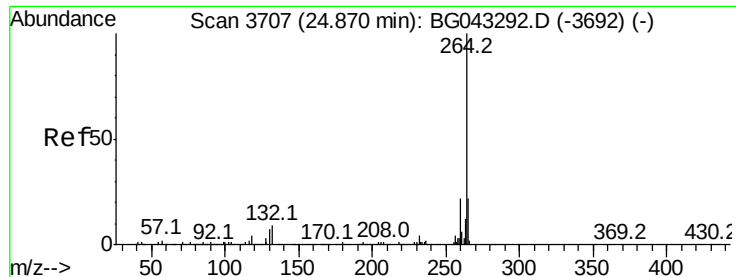
Tot Ion	Ratio	Lower	Upper
149	100		
167	2.0	1.4	2.2
43	8.4	7.0	10.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.759 ng
RT: 28.48 min Scan# 4321
Delta R.T. -0.02 min
Lab File: BG043544.D
Acq: 7 Nov 2019 18:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.2	6.8	10.2#
277	26.0	20.9	31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.84 min Scan# 3703

Delta R.T. -0.01 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMS

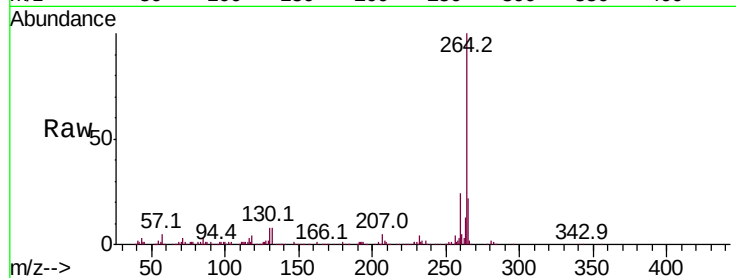
Tot Ion:264 Resp: 254123

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.5	26.3
265	22.4	17.4	26.0

264 100

260 24.2 17.5 26.3

265 22.4 17.4 26.0

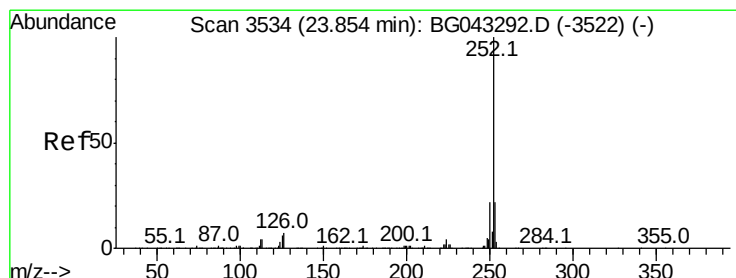
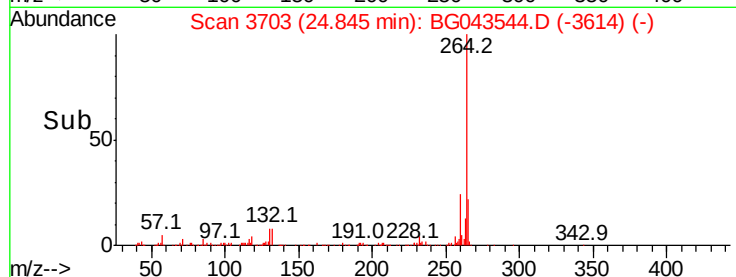
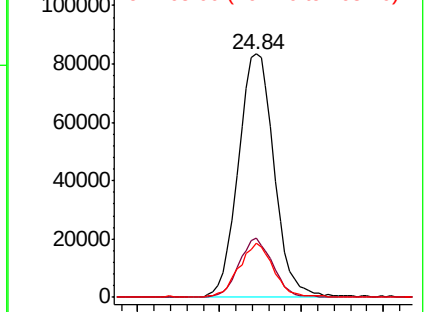


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.015 ng

RT: 23.83 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

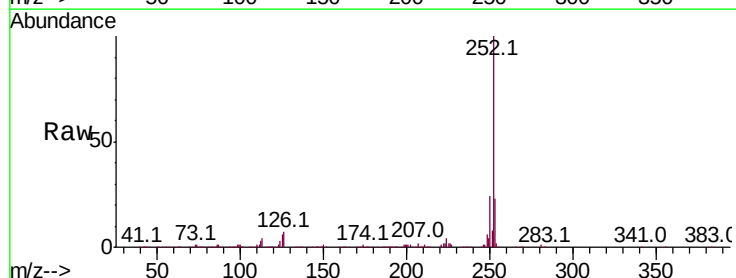
Tgt Ion:252 Resp: 604703

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.7	26.5
125	5.9	4.5	6.7

252 100

253 23.4 17.7 26.5

125 5.9 4.5 6.7

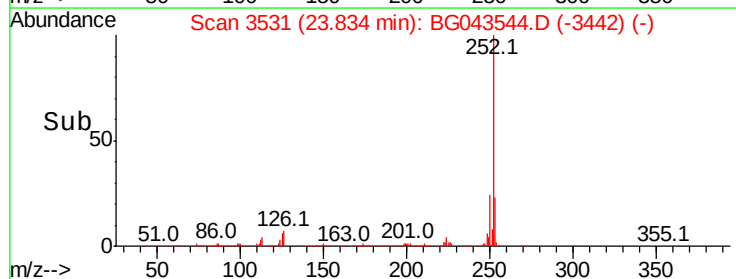
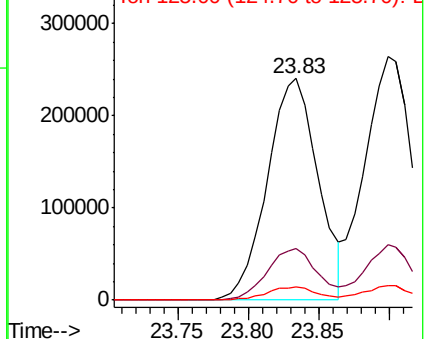


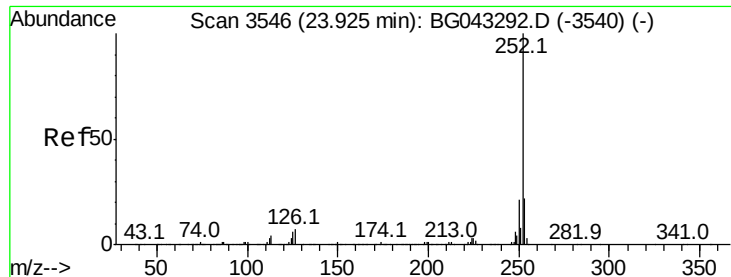
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

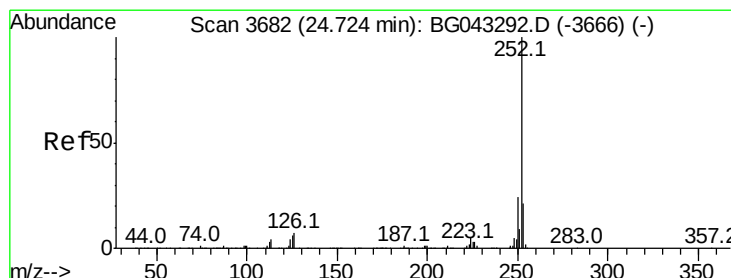
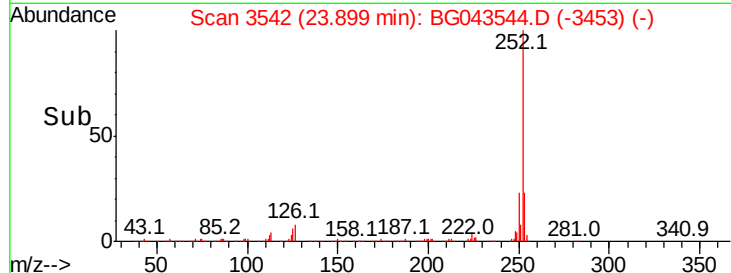
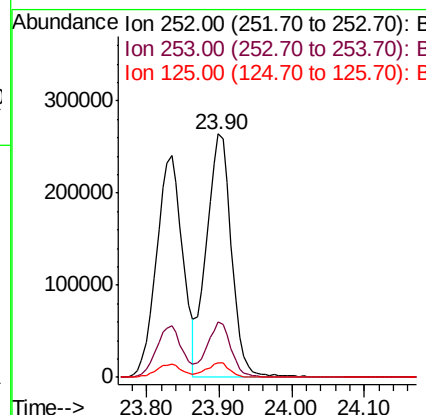
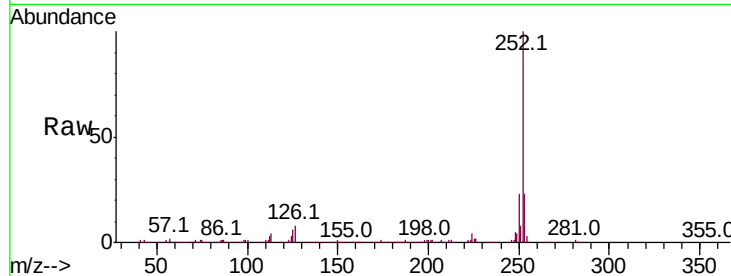




#89
Benzo(k)fluoranthene
Concen: 43.432 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG043544.D
Acq: 7 Nov 2019 18:12

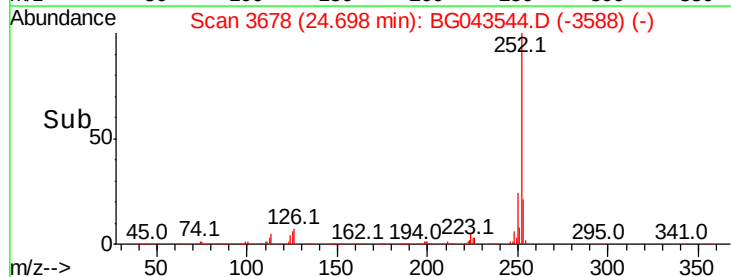
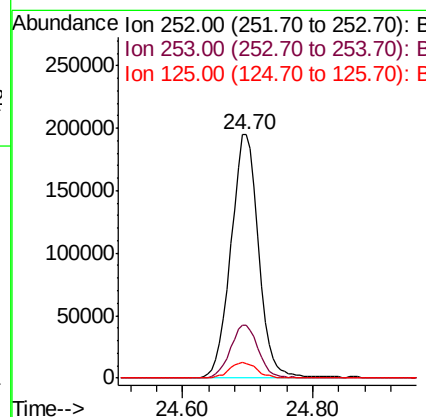
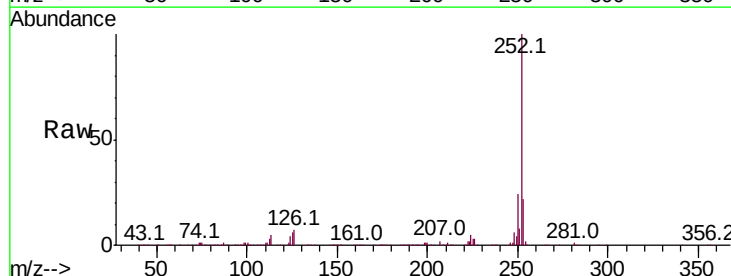
Instrument :
BNA_G
ClientSampleId :
TP- 32-DMS

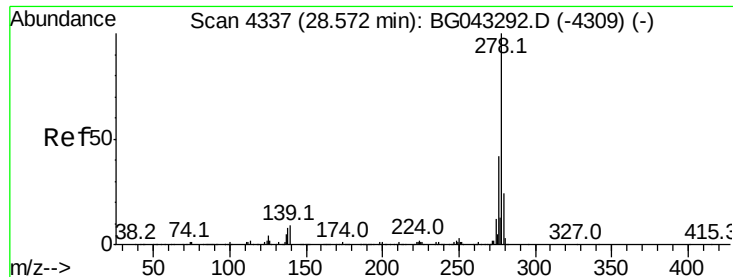
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	5.8	4.6	6.8



#90
Benzo(a)pyrene
Concen: 41.845 ng
RT: 24.70 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG043544.D
Acq: 7 Nov 2019 18:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.8
125	5.8	5.4	8.2





#91

Dibenzo(a,h)anthracene

Concen: 44.358 ng

RT: 28.54 min Scan# 4332

Delta R.T. -0.01 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

Instrument :

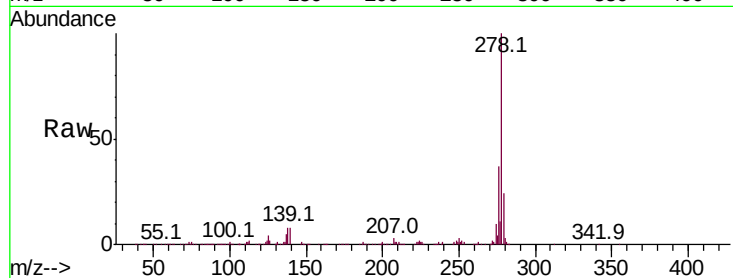
BNA_G

ClientSampleId :

TP- 32-DMS

Tot Ion:278 Resp: 623590

Ion	Ratio	Lower	Upper
278	100		
139	8.4	7.4	11.0
279	24.3	19.1	28.7

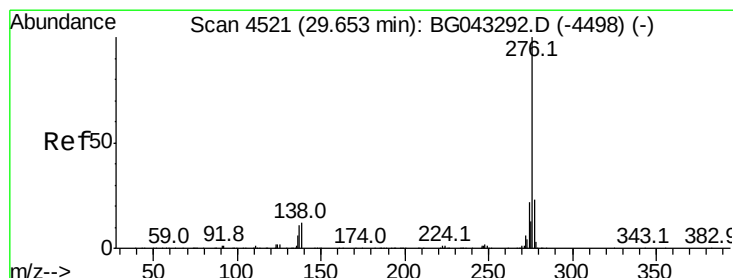
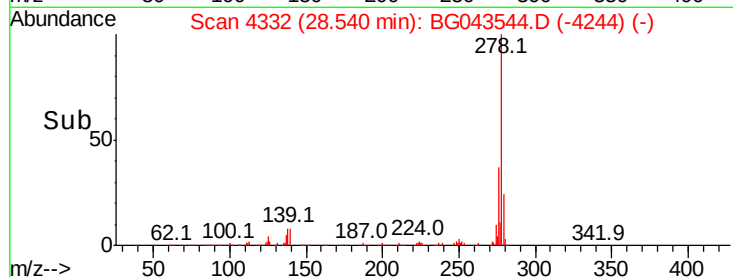
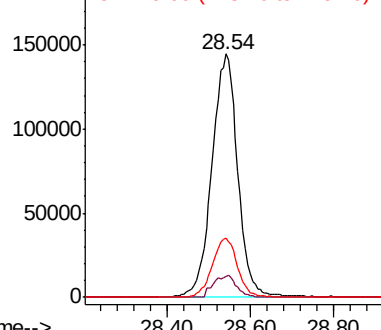


Abundance

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: 44.573 ng

RT: 29.63 min Scan# 4517

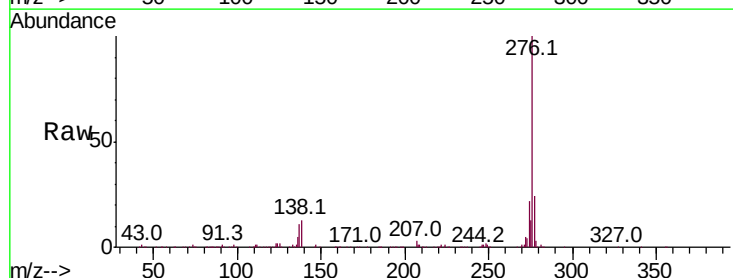
Delta R.T. -0.00 min

Lab File: BG043544.D

Acq: 7 Nov 2019 18:12

Tgt Ion:276 Resp: 618089

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.9	28.3
138	12.9	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

