

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
 Data File : BG036403.D
 Acq On : 24 Aug 2018 7:56
 Operator : JU/SJ
 Sample : PB112276BSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 24 08:50:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	54063	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	223487	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	143773	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	381429	20.00	ng	0.00
75) Chrysene-d12	21.70	240	398765	20.00	ng	0.00
86) Perylene-d12	24.92	264	419084	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	354750	104.09	ng	0.00
7) Phenol-d6	7.22	99	502888	103.06	ng	0.00
23) Nitrobenzene-d5	9.23	82	432785	105.07	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	199052	116.03	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	999490	99.26	ng	0.00
78) Terphenyl-d14	20.04	244	1594169	93.44	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.54	88	50528	31.768	ng	98
3) Pyridine	3.93	79	158038	35.398	ng	98
4) n-Nitrosodimethylamine	3.85	42	85748	43.122	ng	94
6) Aniline	7.39	93	246216	39.752	ng	95
8) 2-Chlorophenol	7.63	128	174477	47.208	ng	98
9) Benzaldehyde	7.20	77	121849	36.262	ng	99
10) Phenol	7.25	94	248401	48.645	ng	99
11) bis(2-Chloroethyl)ether	7.49	93	166750	41.190	ng	100
12) 1,3-Dichlorobenzene	7.96	146	176822	41.899	ng	100
13) 1,4-Dichlorobenzene	8.10	146	177704	41.706	ng	99
14) 1,2-Dichlorobenzene	8.42	146	170368	41.868	ng	98
15) Benzyl Alcohol	8.30	79	179037	45.514	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.60	45	321747	39.410	ng	100
17) 2-Methylphenol	8.50	107	165214	48.726	ng	97
18) Hexachloroethane	9.15	117	63286	41.427	ng	93
19) n-Nitroso-di-n-propylamine	8.87	70	149945	41.117	ng	94
20) 3+4-Methylphenols	8.83	107	229287	48.435	ng	97
22) Acetophenone	8.89	105	273996	46.688	ng	97
24) Nitrobenzene	9.27	77	211574	47.633	ng	96
25) Isophorone	9.79	82	419238	51.235	ng	96
26) 2-Nitrophenol	9.98	139	90163	51.226	ng	95
27) 2,4-Dimethylphenol	10.04	122	183554	56.328	ng	97
28) bis(2-Chloroethoxy)methane	10.28	93	239976	47.785	ng	98
29) 2,4-Dichlorophenol	10.52	162	192247	53.831	ng	94
30) 1,2,4-Trichlorobenzene	10.73	180	191593	45.859	ng	97
31) Naphthalene	10.93	128	547896	49.042	ng	99
32) Benzoic acid	10.17	122	124051	51.035	ng	99
33) 4-Chloroaniline	11.03	127	172024	33.602	ng	97
34) Hexachlorobutadiene	11.21	225	125741	44.795	ng	99
35) Caprolactam	11.80	113	44760	31.462	ng	96
36) 4-Chloro-3-methylphenol	12.15	107	212247	51.148	ng	98
37) 2-Methylnaphthalene	12.53	142	424817	51.969	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	240513	47.271	ng	99
40) Hexachlorocyclopentadiene	12.87	237	310549	117.309	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	165006	53.239	ng	98
43) 2,4,5-Trichlorophenol	13.20	196	180620	54.638	ng	99
45) 1,1'-Biphenyl	13.53	154	554947	46.500	ng	97
46) 2-Chloronaphthalene	13.57	162	417449	45.819	ng	97
47) 2-Nitroaniline	13.77	65	153342	53.598	ng	95
48) Acenaphthylene	14.41	152	722899	50.770	ng	99
49) Dimethylphthalate	14.15	163	586047	49.919	ng	99
50) 2,6-Dinitrotoluene	14.26	165	127307	52.699	ng	96
51) Acenaphthene	14.76	154	476331	52.234	ng	97
52) 3-Nitroaniline	14.59	138	105171	40.399	ng	96
53) 2,4-Dinitrophenol	14.79	184	104936	114.680	ng	98
54) Dibenzofuran	15.09	168	681818	47.724	ng	99
55) 4-Nitrophenol	14.89	139	234797	110.310	ng	95
56) 2,4-Dinitrotoluene	15.05	165	177902	56.505	ng	91
57) Fluorene	15.74	166	547830	51.294	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.31	232	179339	57.741	ng	98
59) Diethylphthalate	15.51	149	584847	49.432	ng	100
60) 4-Chlorophenyl-phenylether	15.73	204	308703	46.809	ng	99
61) 4-Nitroaniline	15.76	138	146006	53.597	ng	94
62) Azobenzene	16.02	77	569711	47.326	ng	99
64) 4,6-Dinitro-2-methylphenol	15.81	198	88069	52.561	ng	96
65) n-Nitrosodiphenylamine	15.95	169	507036	44.738	ng	97
66) 4-Bromophenyl-phenylether	16.63	248	205881	46.102	ng	99
67) Hexachlorobenzene	16.74	284	206854	45.299	ng	98
68) Atrazine	16.89	200	220522	51.838	ng	100
69) Pentachlorophenol	17.08	266	276685	89.153	ng	97
70) Phenanthrene	17.48	178	949610	48.996	ng	98
71) Anthracene	17.57	178	964681	49.932	ng	98
72) Carbazole	17.83	167	887038	45.973	ng	98
73) Di-n-butylphthalate	18.40	149	1021757	47.555	ng	100
74) Fluoranthene	19.48	202	1198988	50.740	ng	99
76) Benzidine	19.66	184	720227	56.611	ng	99
77) Pyrene	19.84	202	1175641	47.943	ng	99
79) Butylbenzylphthalate	20.73	149	488853	50.093	ng	96
80) Benzo(a)anthracene	21.69	228	1200928	49.712	ng	98
81) 3,3'-Dichlorobenzidine	21.60	252	311161	32.319	ng	100
82) Chrysene	21.75	228	1121759	48.989	ng	98
83) Bis(2-ethylhexyl)phthalate	21.60	149	666914	48.836	ng	99
84) Di-n-octyl phthalate	22.83	149	1132997	49.671	ng	99
85) Indeno(1,2,3-cd)pyrene	28.59	276	1403897	52.786	ng	99
87) Benzo(b)fluoranthene	23.91	252	1215364	52.225	ng	97
88) Benzo(k)fluoranthene	23.97	252	1155288	50.814	ng	98
89) Benzo(a)pyrene	24.78	252	1180616	52.794	ng	100
90) Dibenzo(a,h)anthracene	28.66	278	1125304	52.125	ng	98
91) Benzo(g,h,i)perylene	29.74	276	1157685	53.362	ng	98

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

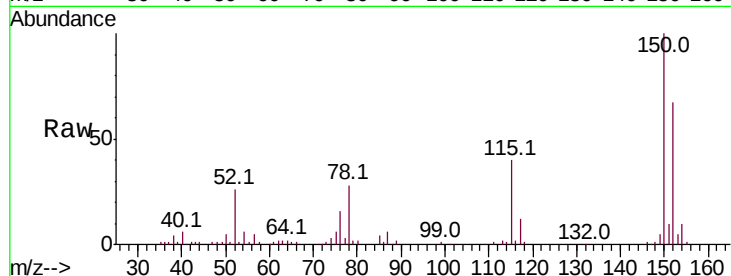


#1

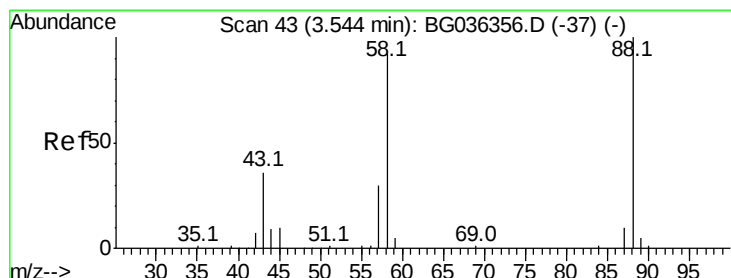
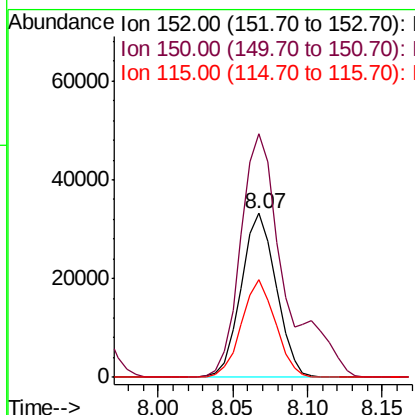
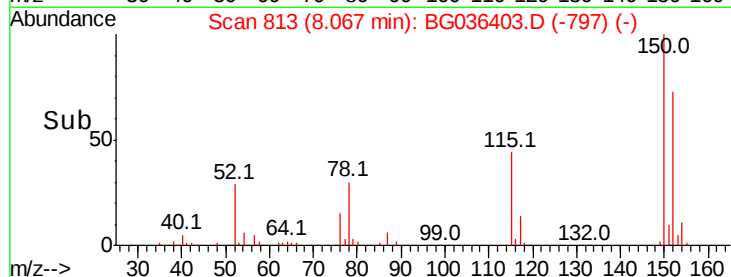
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036403.D
Acq: 24 Aug 2018 7:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 54063
Ion Ratio Lower Upper
152 100
150 148.4 119.5 179.3
115 59.7 44.5 66.7



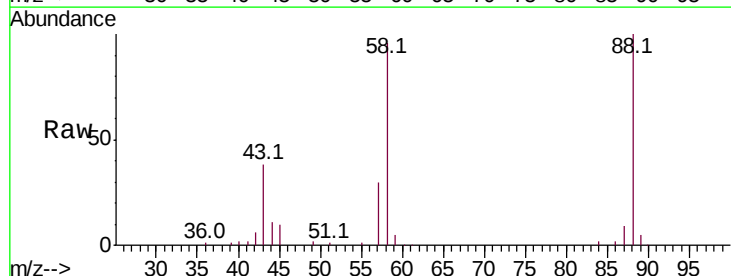
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



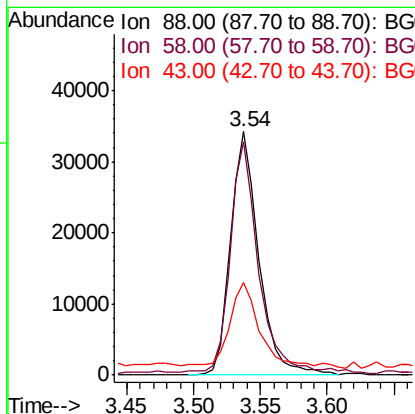
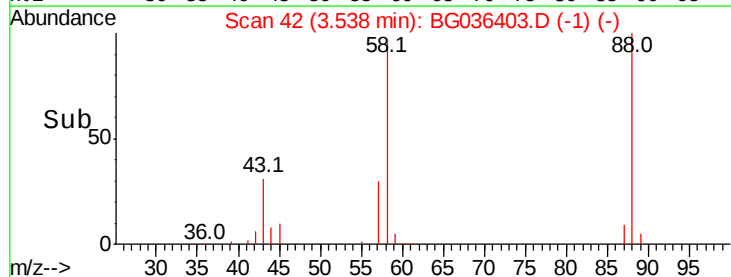
#2

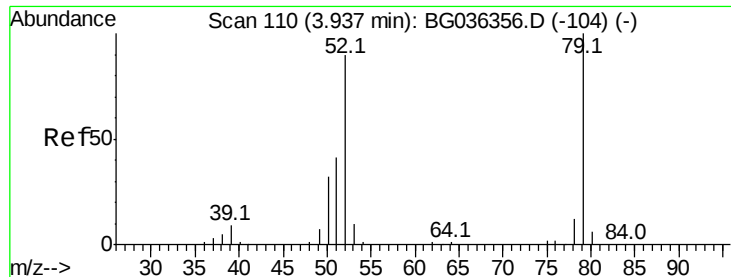
1,4-Dioxane
Concen: 31.768 ng
RT: 3.54 min Scan# 42
Delta R.T. -0.01 min
Lab File: BG036403.D
Acq: 24 Aug 2018 7:56

Tgt Ion: 88 Resp: 50528
Ion Ratio Lower Upper
88 100
58 92.1 72.6 109.0
43 34.7 29.0 43.4



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





#3

Pvridine

Concen: 35.398 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

Instrument :

BNA_G

ClientSampled :

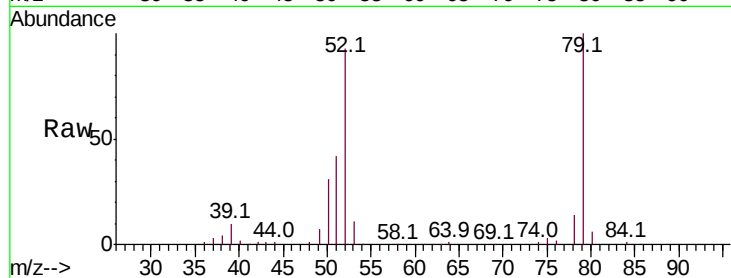
Tot Ion: 79 Resp: 158038

Ion Ratio Lower Upper

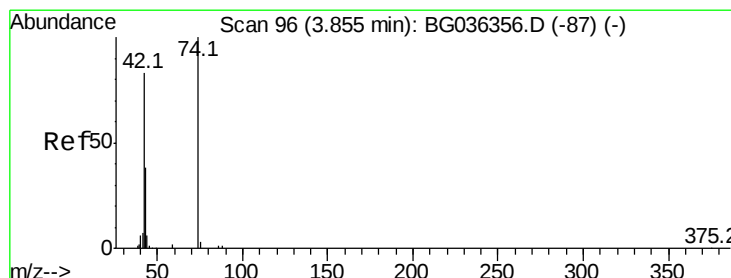
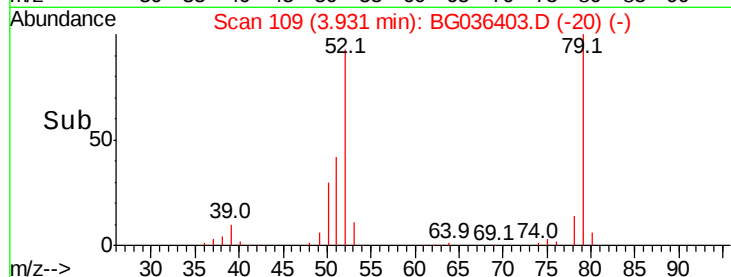
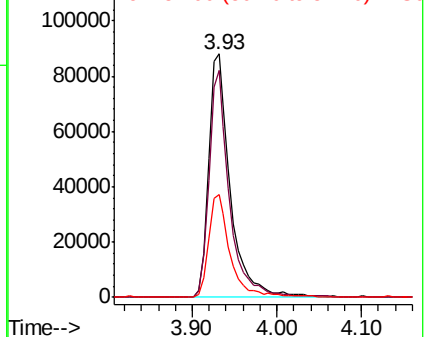
79 100

52 93.2 72.3 108.5

51 42.2 33.8 50.6



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



#4

n-Nitrosodimethylamine

Concen: 43.122 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.01 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

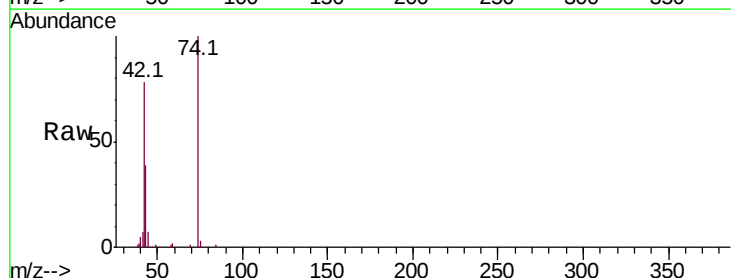
Tgt Ion: 42 Resp: 85748

Ion Ratio Lower Upper

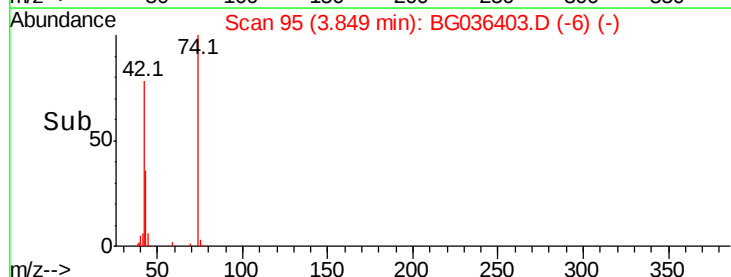
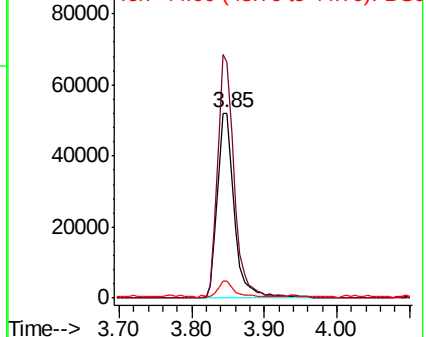
42 100

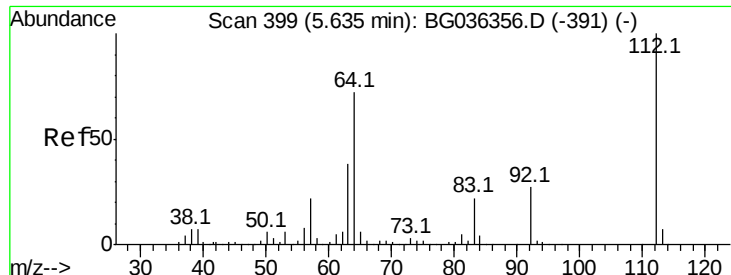
74 127.6 96.6 145.0

44 8.9 7.0 10.4



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





#5

2-Fluorophenol

Concen: 104.089 ng

RT: 5.64 min Scan# 399

Delta R.T. 0.00 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

Instrument :

BNA_G

ClientSampled :

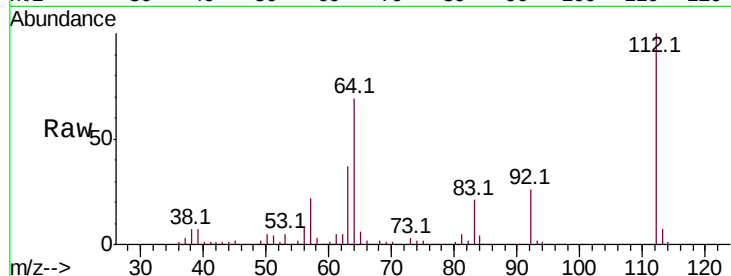
Tot Ion:112 Resp: 354750

Ion Ratio Lower Upper

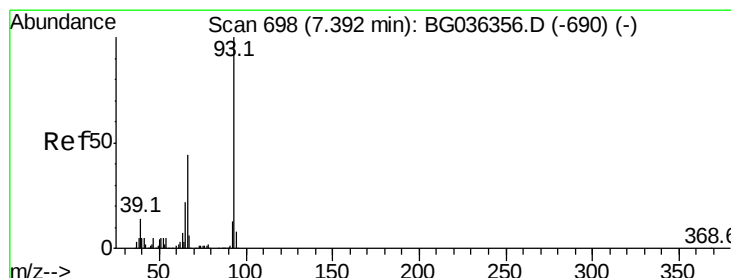
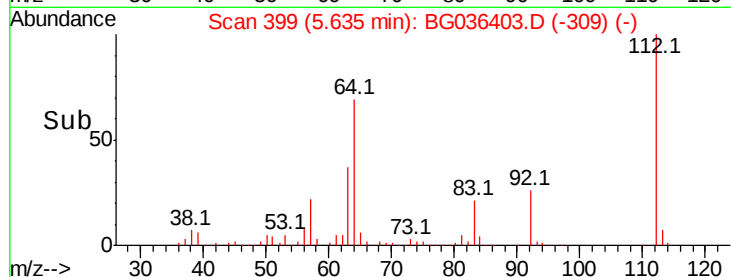
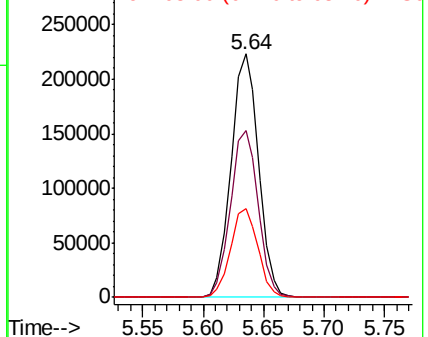
112 100

64 68.8 57.2 85.8

63 36.6 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.752 ng

RT: 7.39 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

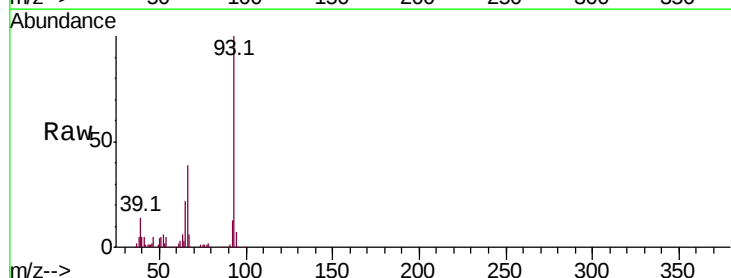
Tgt Ion: 93 Resp: 246216

Ion Ratio Lower Upper

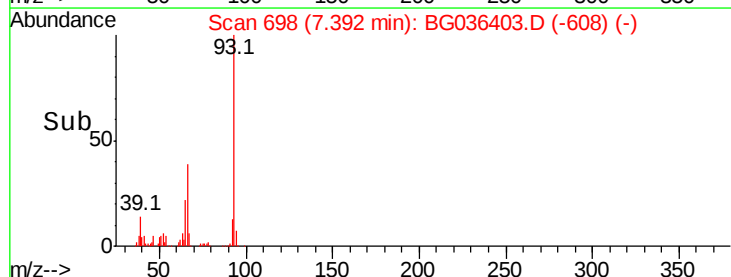
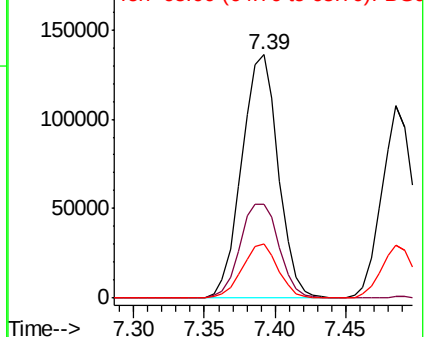
93 100

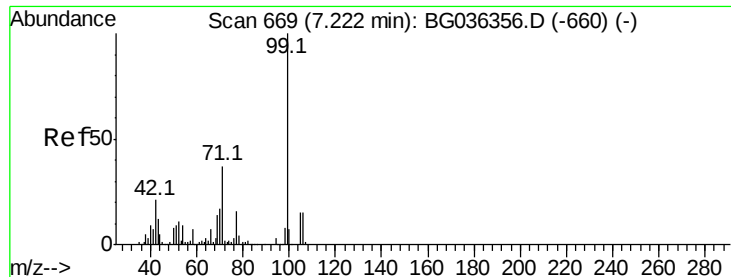
66 38.8 35.0 52.4

65 22.0 17.6 26.4



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: 103.059 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

Instrument :

BNA_G

ClientSampleId :

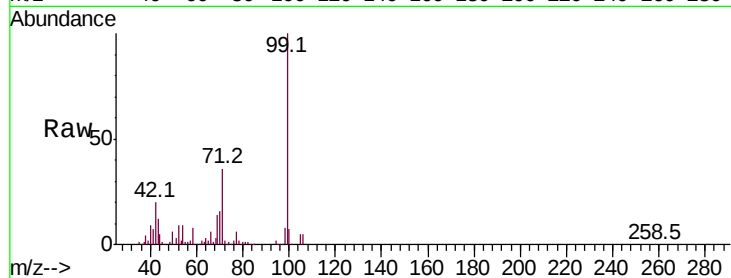
Tot Ion: 99 Resp: 502888

Ion Ratio Lower Upper

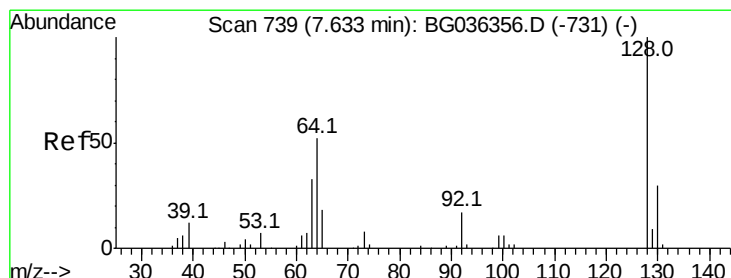
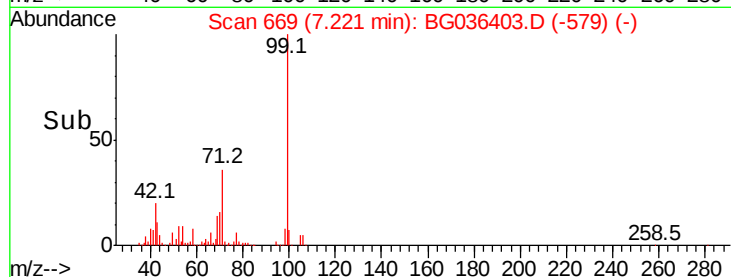
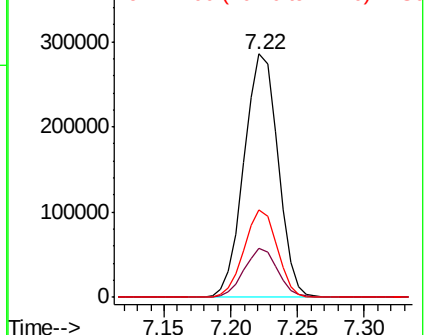
99 100

42 20.0 16.5 24.7

71 36.1 29.4 44.2



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



#8

2-Chlorophenol

Concen: 47.208 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

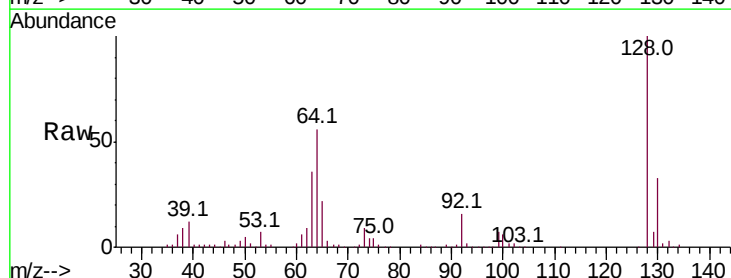
Tgt Ion:128 Resp: 174477

Ion Ratio Lower Upper

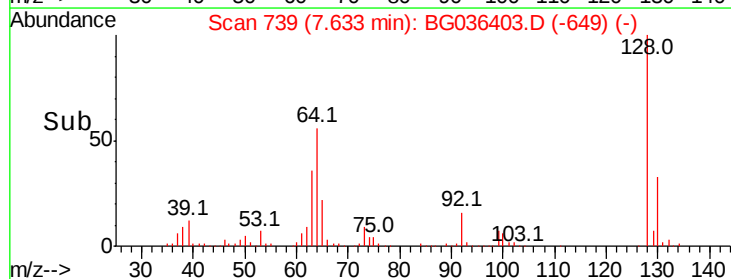
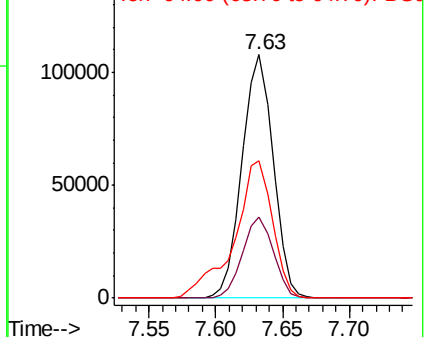
128 100

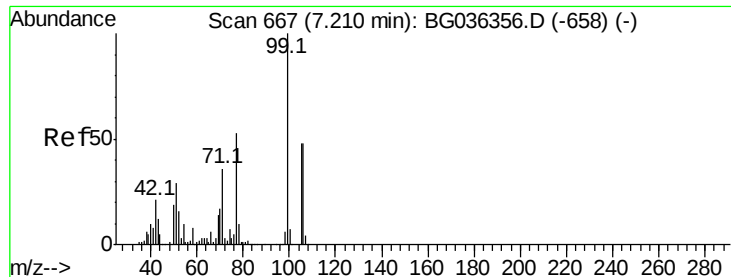
130 33.3 10.0 50.0

64 56.2 36.0 76.0



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





#9

Benzaldehyde

Concen: 36.262 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

Instrument :

BNA_G

ClientSampled :

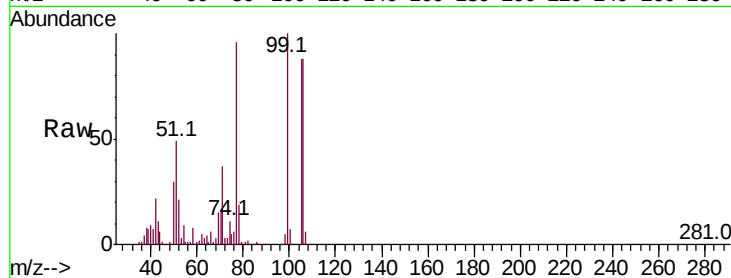
Tot Ion: 77 Resp: 121849

Ion Ratio Lower Upper

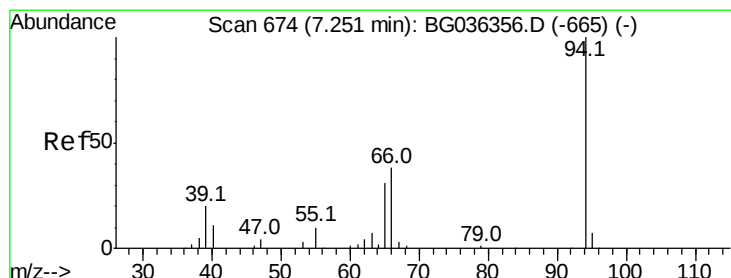
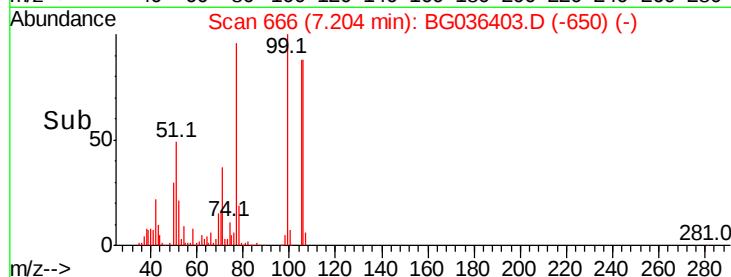
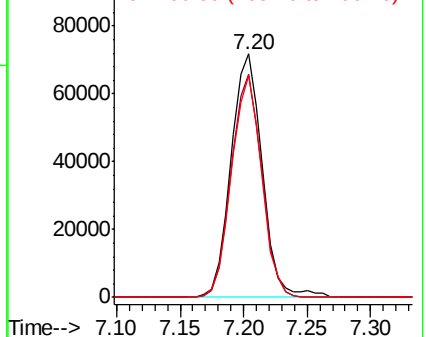
77 100

105 91.7 70.5 110.5

106 91.4 69.8 109.8



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



#10

Phenol

Concen: 48.645 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

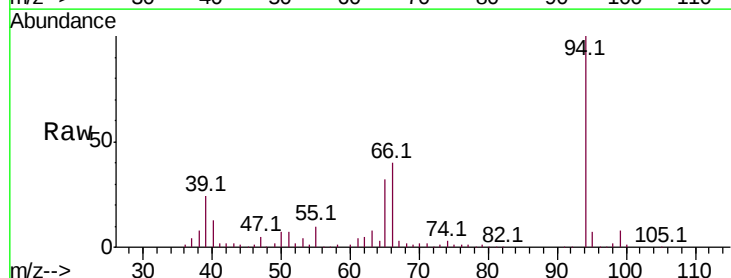
Tgt Ion: 94 Resp: 248401

Ion Ratio Lower Upper

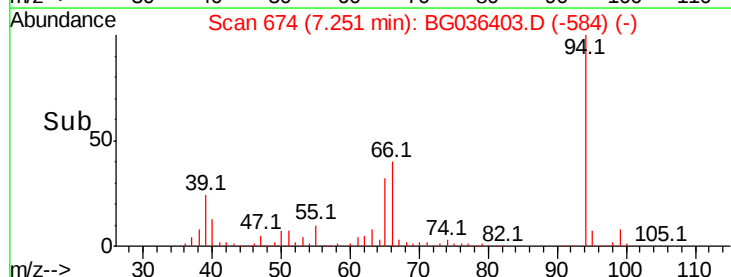
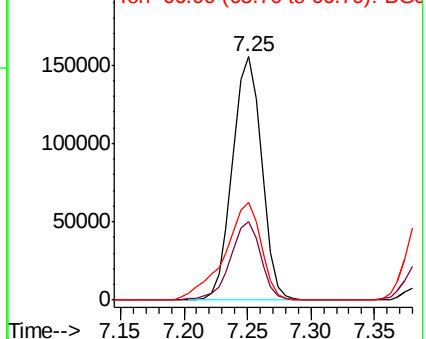
94 100

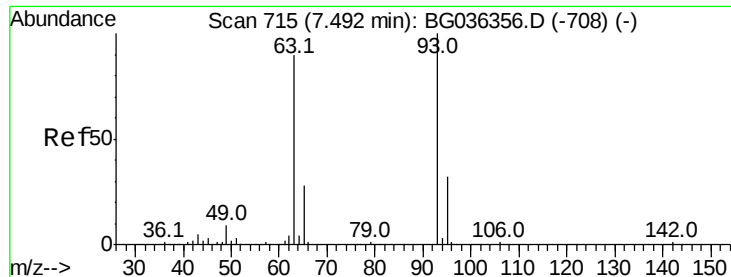
65 32.4 11.5 51.5

66 40.0 19.5 59.5



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

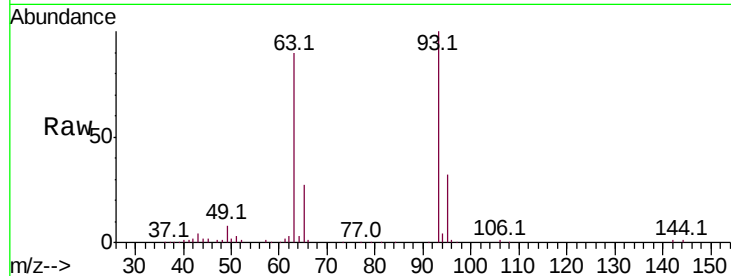




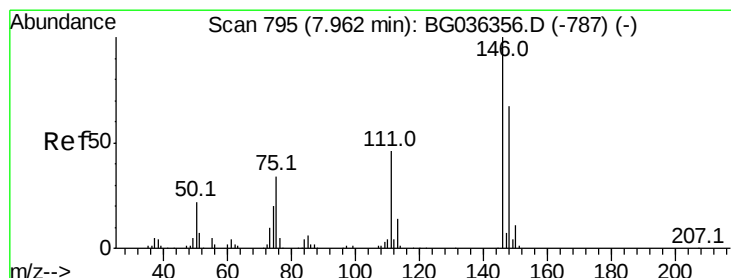
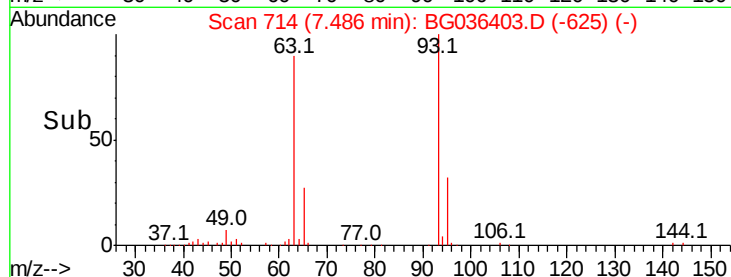
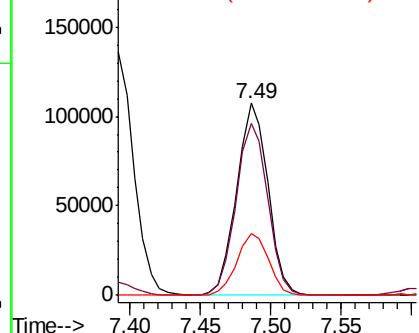
#11
bis(2-Chloroethyl)ether
Concen: 41.190 ng
RT: 7.49 min Scan# 714
Delta R.T. -0.01 min
Lab File: BG036403.D
Acq: 24 Aug 2018 7:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 166750
Ion Ratio Lower Upper
93 100
63 89.8 69.9 109.9
95 32.3 11.7 51.7

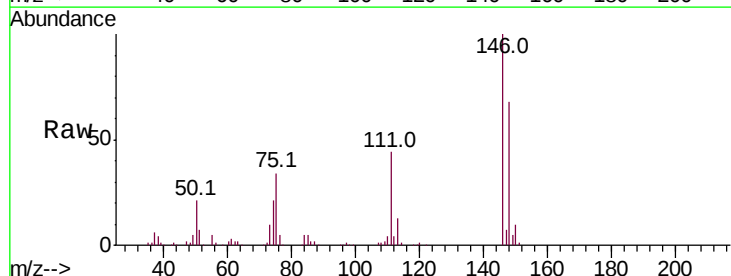


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

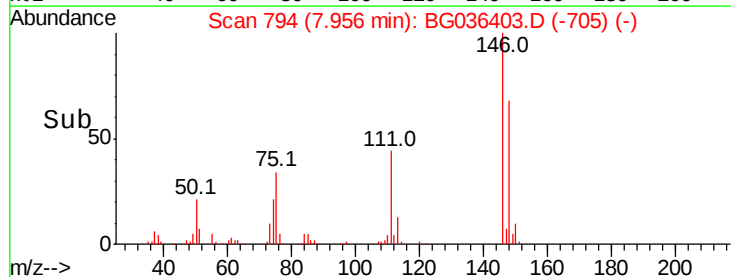
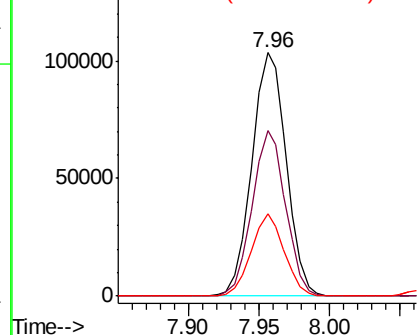


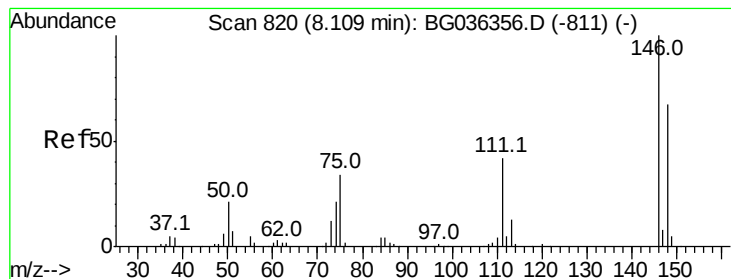
#12
1,3-Dichlorobenzene
Concen: 41.899 ng
RT: 7.96 min Scan# 794
Delta R.T. -0.01 min
Lab File: BG036403.D
Acq: 24 Aug 2018 7:56

Tgt Ion: 146 Resp: 176822
Ion Ratio Lower Upper
146 100
148 67.8 53.8 80.6
75 34.0 27.2 40.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 41.706 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

Instrument :

BNA_G

ClientSampled :

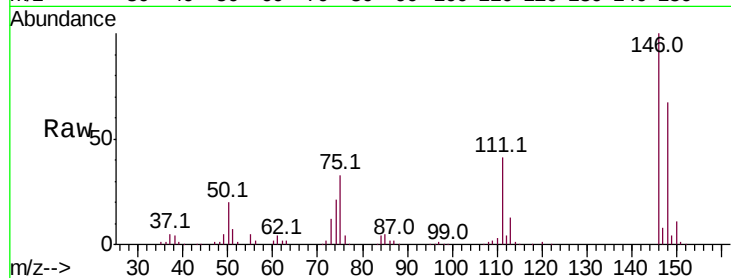
Tot Ion:146 Resp: 177704

Ion Ratio Lower Upper

146 100

148 67.2 53.9 80.9

111 41.1 33.8 50.6

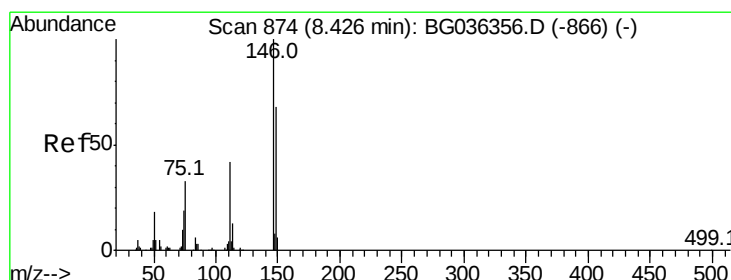
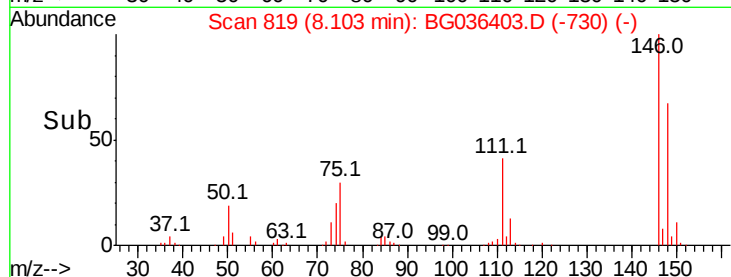
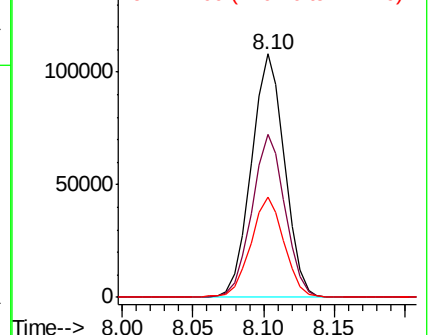


Abundance

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



#14

1,2-Dichlorobenzene

Concen: 41.868 ng

RT: 8.42 min Scan# 873

Delta R.T. -0.01 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

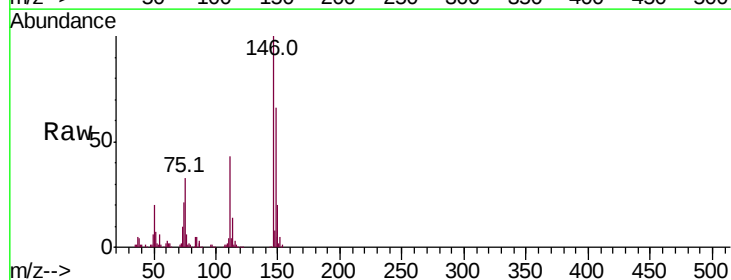
Tgt Ion:146 Resp: 170368

Ion Ratio Lower Upper

146 100

148 66.0 55.0 82.6

111 42.9 34.6 51.8

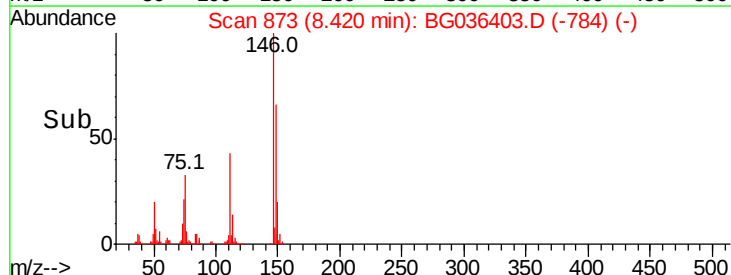
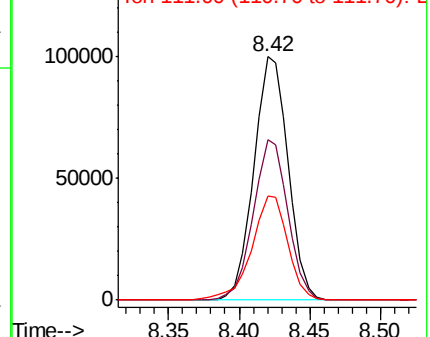


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.514 ng

RT: 8.30 min Scan# 853

Delta R.T. -0.00 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

Instrument :

BNA_G

ClientSampled :

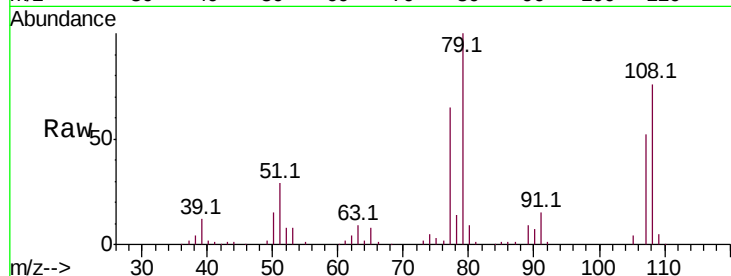
Tot Ion: 79 Resp: 179037

Ion Ratio Lower Upper

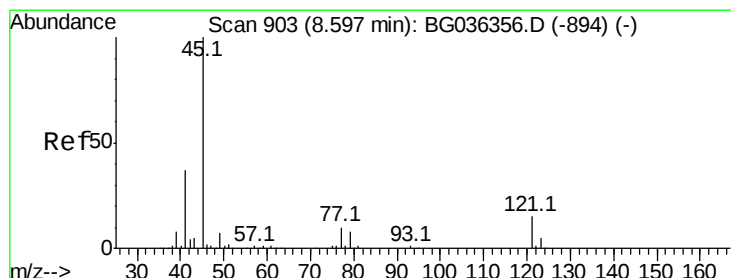
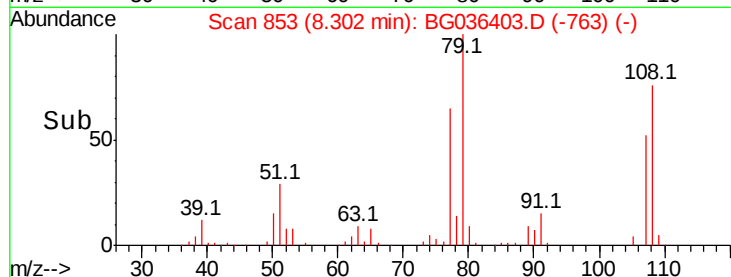
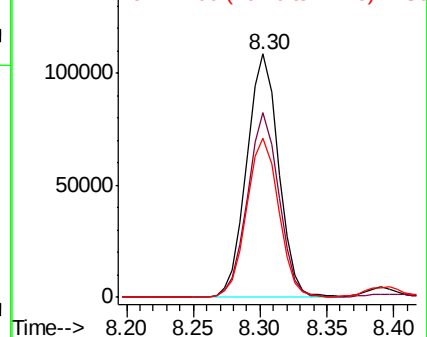
79 100

108 75.9 55.9 83.9

77 65.2 50.0 75.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.410 ng

RT: 8.60 min Scan# 903

Delta R.T. -0.00 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

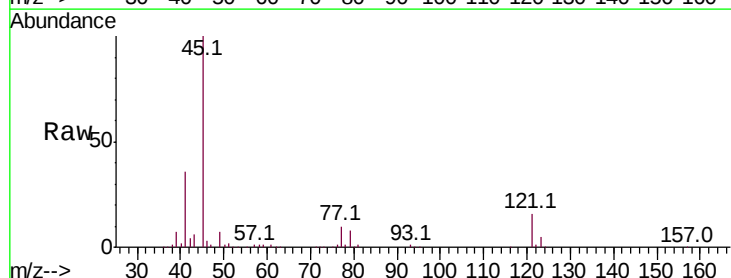
Tgt Ion: 45 Resp: 321747

Ion Ratio Lower Upper

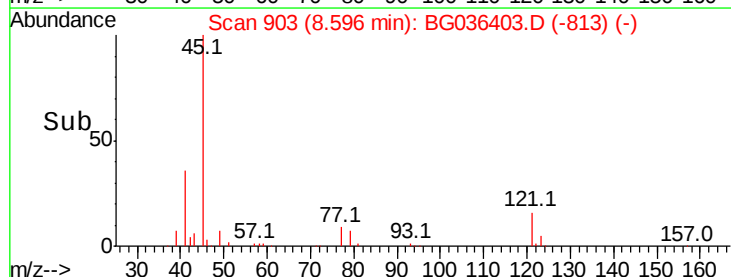
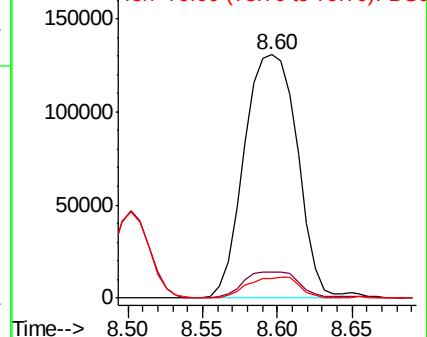
45 100

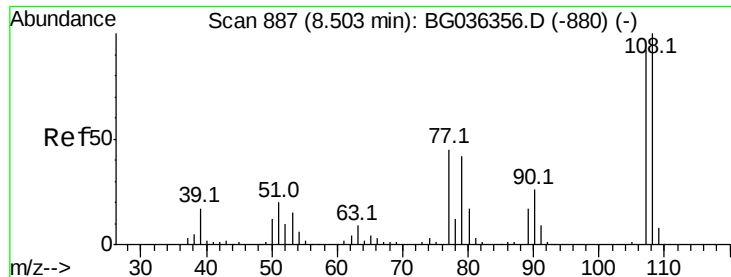
77 10.5 0.0 30.5

79 7.9 0.0 27.9



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

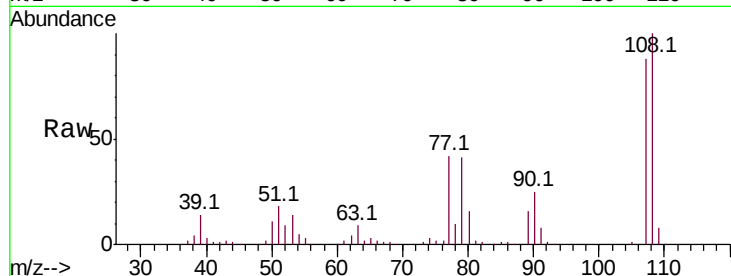




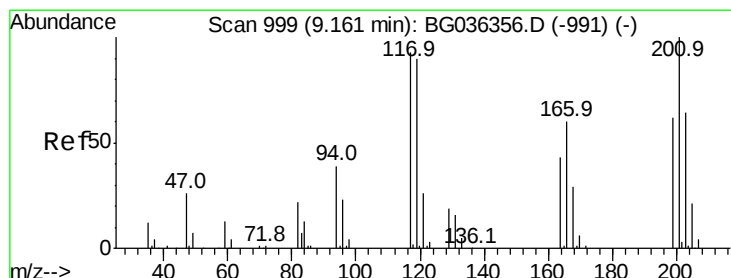
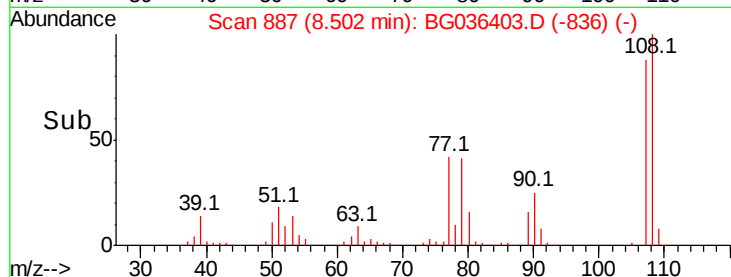
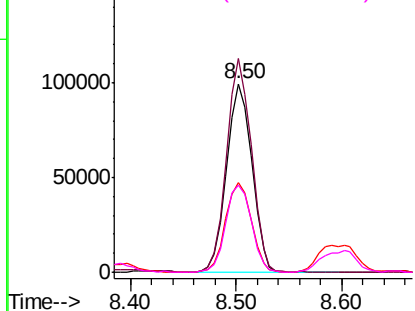
#17
2-Methylphenol
Concen: 48.726 ng
RT: 8.50 min Scan# 887
Delta R.T. -0.00 min
Lab File: BG036403.D
Acq: 24 Aug 2018 7:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	165214
Ion	Ratio	Lower	Upper
107	100		
108	113.4	86.7	130.1
77	47.6	39.0	58.4
79	46.5	36.6	54.8

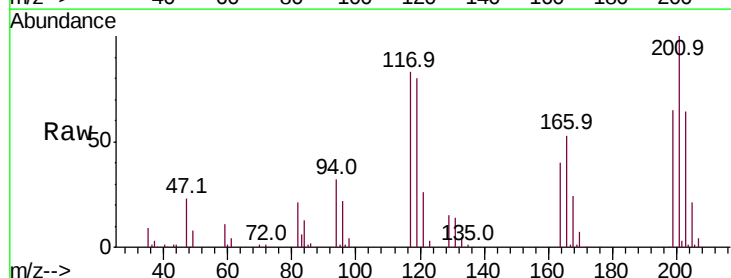


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

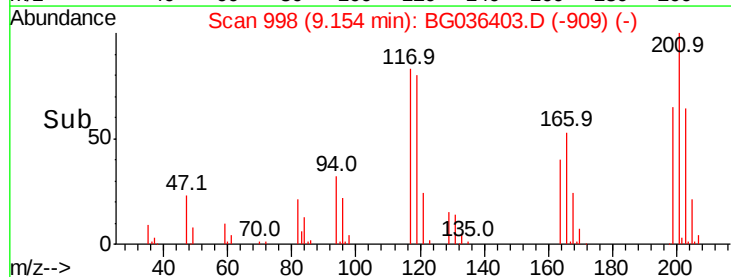
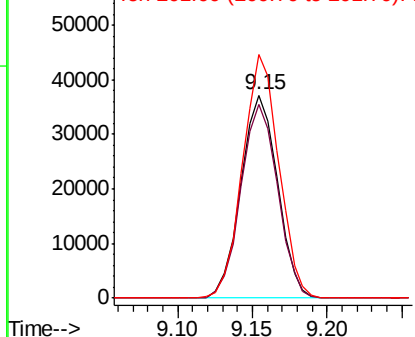


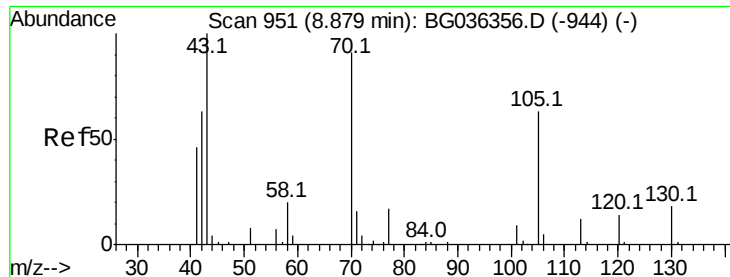
#18
Hexachloroethane
Concen: 41.427 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.01 min
Lab File: BG036403.D
Acq: 24 Aug 2018 7:56

Tgt Ion:	117	Resp:	63286
Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.8	115.2
201	120.2	85.7	128.5



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

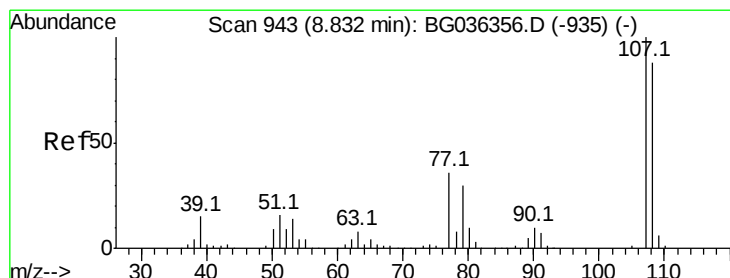
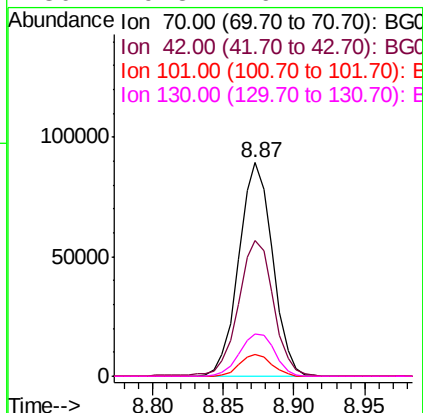
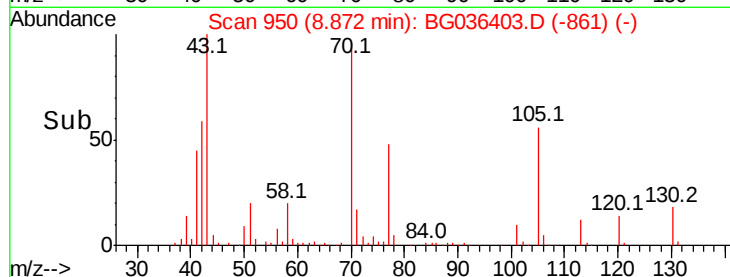
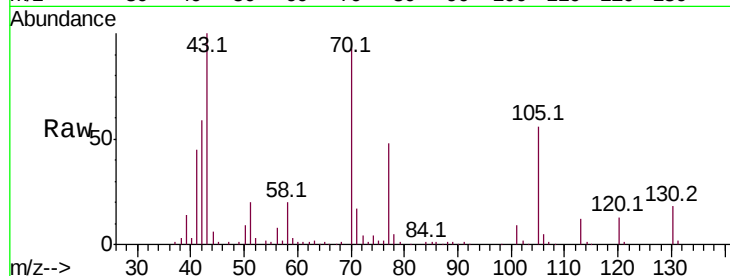




#19
n-Nitroso-di-n-propylamine
Concen: 41.117 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG036403.D
Acq: 24 Aug 2018 7:56

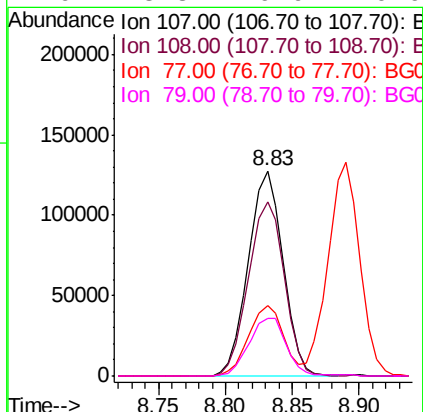
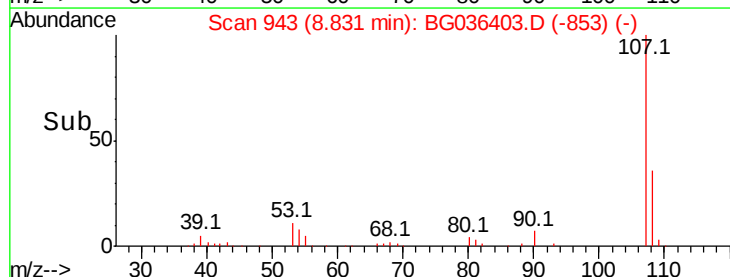
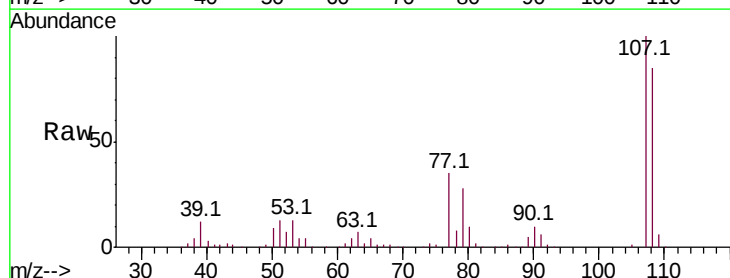
Instrument :
BNA_G
ClientSampleId :

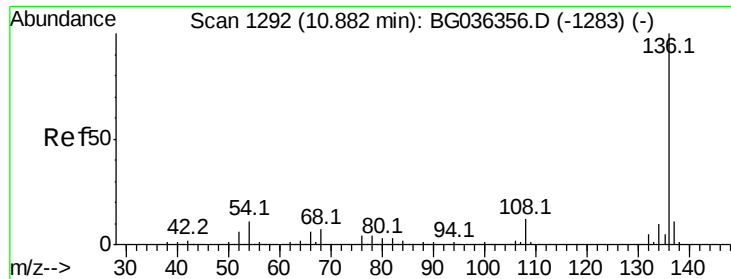
Tot Ion:	70	Resp:	149945
Ion	Ratio	Lower	Upper
70	100		
42	63.6	56.2	84.4
101	10.2	7.8	11.6
130	19.8	16.2	24.2



#20
3+4-Methylphenols
Concen: 48.435 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.00 min
Lab File: BG036403.D
Acq: 24 Aug 2018 7:56

Tgt Ion:	107	Resp:	229287
Ion	Ratio	Lower	Upper
107	100		
108	84.9	68.0	108.0
77	34.6	15.6	55.6
79	28.3	9.9	49.9

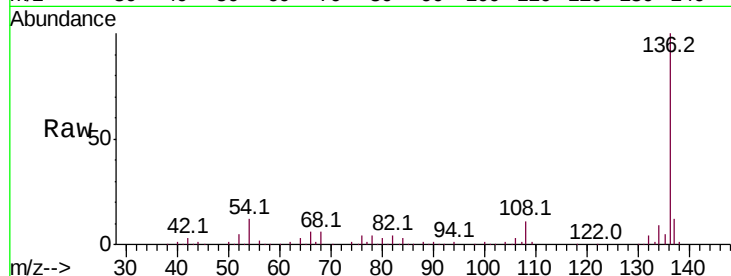




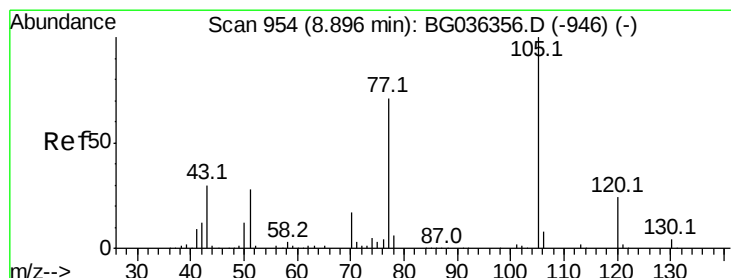
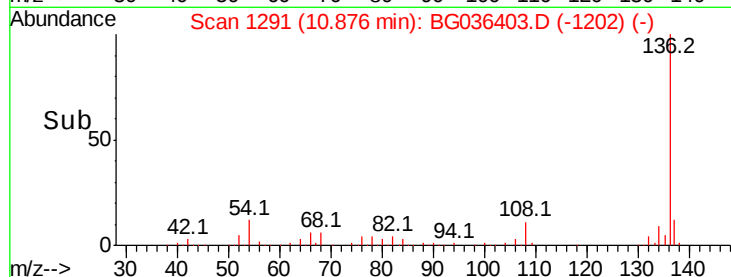
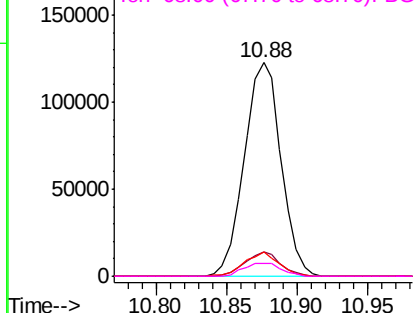
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG036403.D
Acq: 24 Aug 2018 7:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	223487
Ion Ratio	Lower	Upper
136	100	
137	11.6	8.8 13.2
54	11.5	9.2 13.8
68	6.3	5.8 8.6

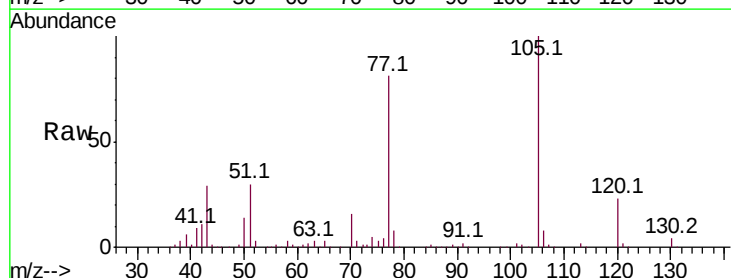


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

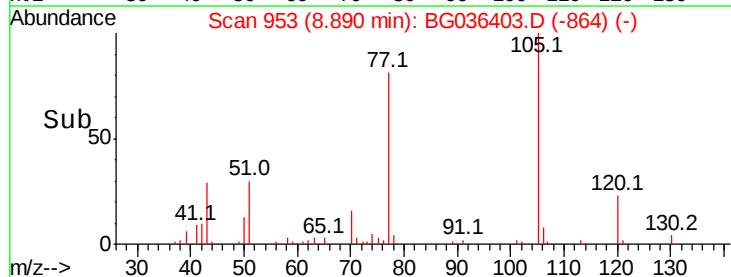
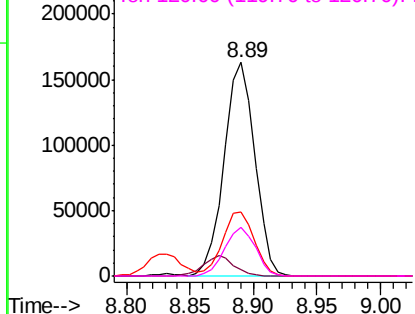


#22
Acetophenone
Concen: 46.688 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG036403.D
Acq: 24 Aug 2018 7:56

Tgt Ion:105	Resp:	273996
Ion Ratio	Lower	Upper
105	100	
71	2.8	2.4 3.6
51	30.1	25.9 38.9
120	22.8	19.4 29.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

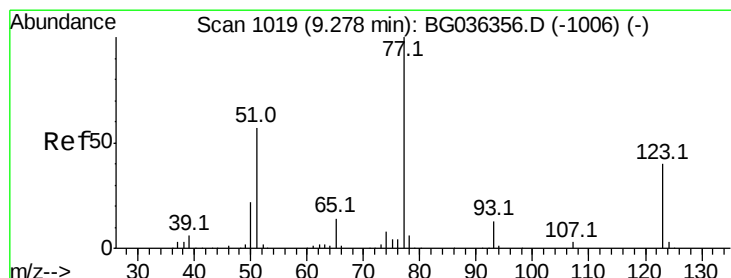
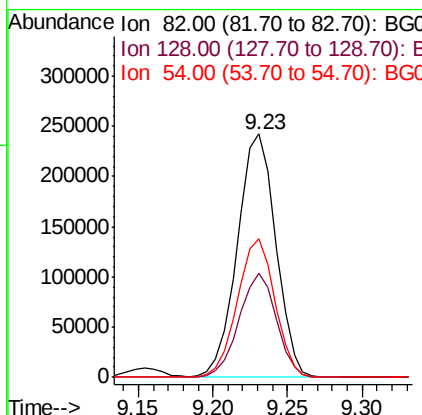
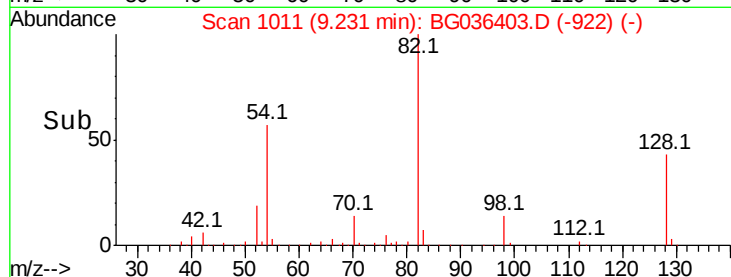
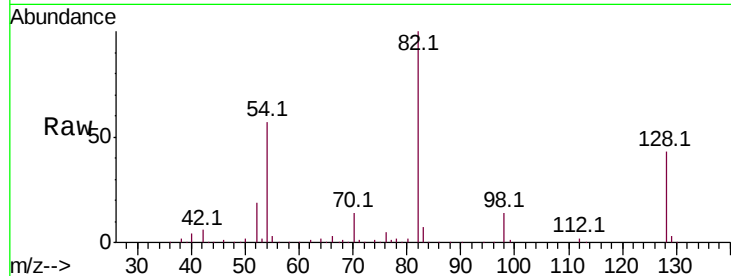




#23
Nitrobenzene-d5
Concen: 105.069 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG036403.D
Acq: 24 Aug 2018 7:56

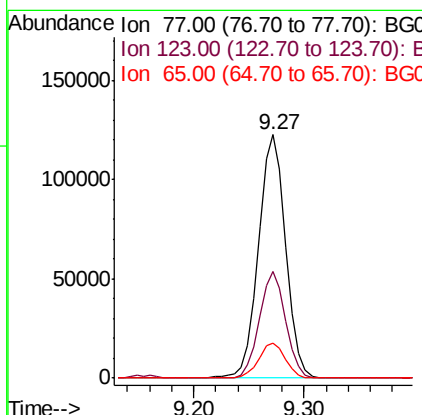
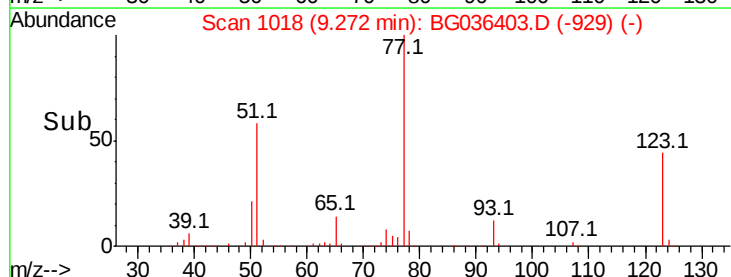
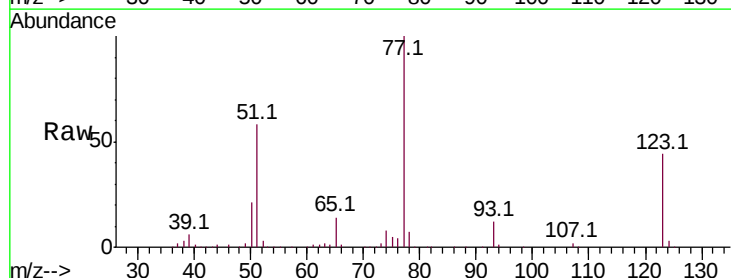
Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	432785
Ion Ratio	Lower	Upper	
82	100		
128	42.6	33.3	49.9
54	57.1	45.1	67.7



#24
Nitrobenzene
Concen: 47.633 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG036403.D
Acq: 24 Aug 2018 7:56

Tgt Ion	77	Resp	211574
Ion Ratio	Lower	Upper	
77	100		
123	44.0	32.4	48.6
65	14.4	11.5	17.3





#25

Isophorone

Concen: 51.235 ng

RT: 9.79 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

Instrument :

BNA_G

ClientSampleId :

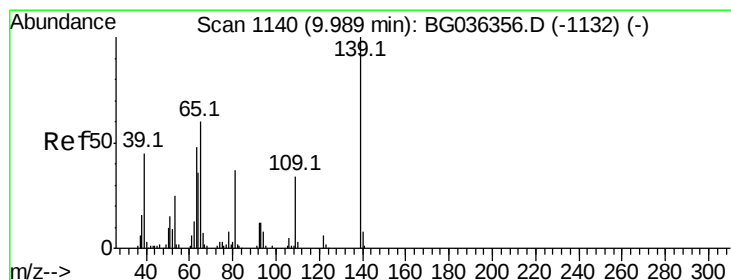
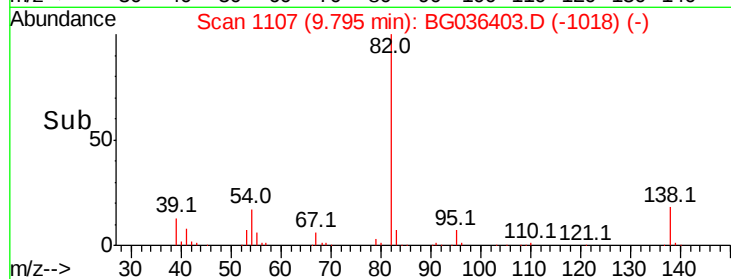
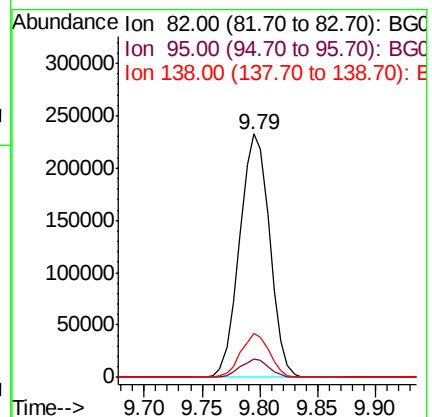
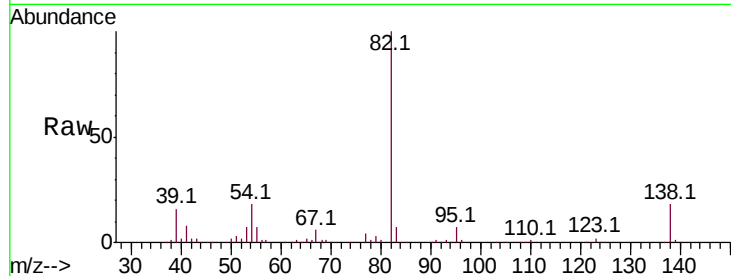
Tot Ion: 82 Resp: 419238

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.8

138 18.2 12.9 19.3



#26

2-Nitrophenol

Concen: 51.226 ng

RT: 9.98 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

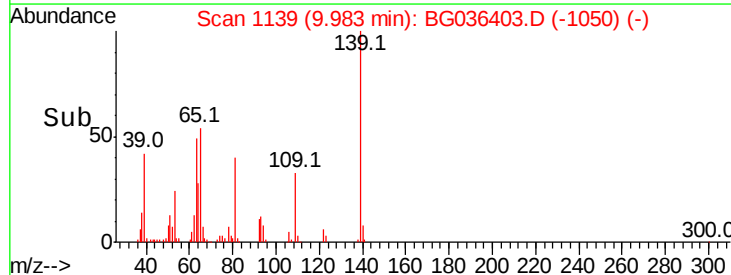
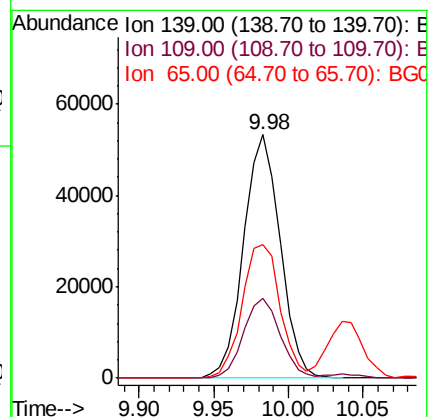
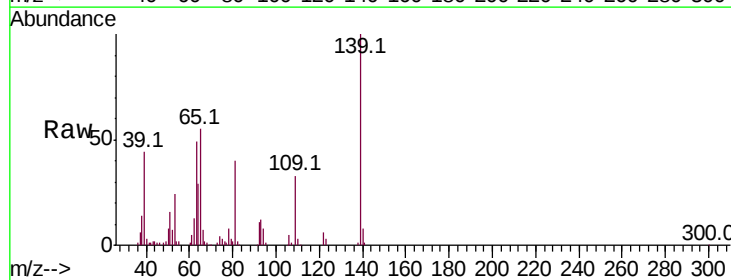
Tgt Ion:139 Resp: 90163

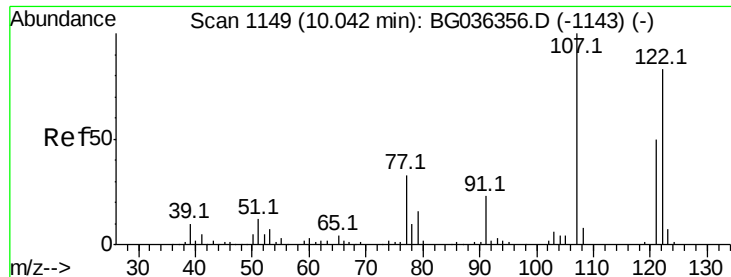
Ion Ratio Lower Upper

139 100

109 32.9 27.4 41.0

65 54.6 47.8 71.6

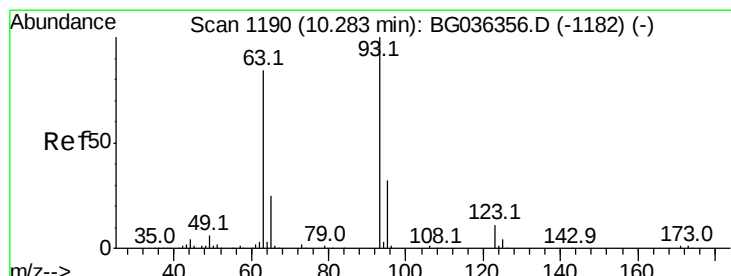
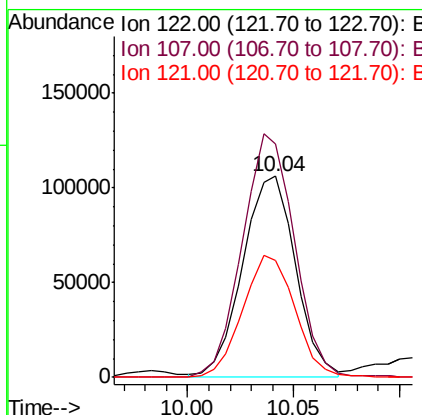
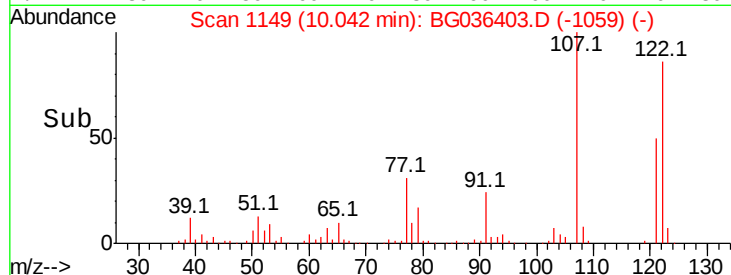
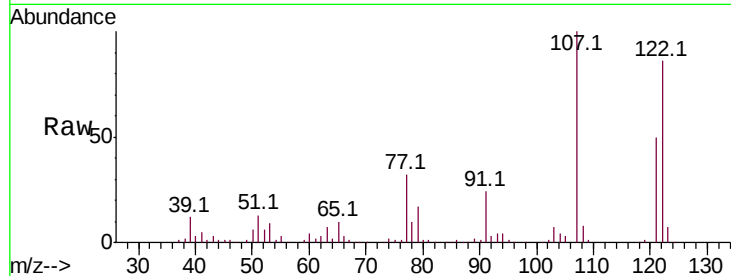




#27
 2,4-Dimethylphenol
 Concen: 56.328 ng
 RT: 10.04 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BG036403.D
 Acq: 24 Aug 2018 7:56

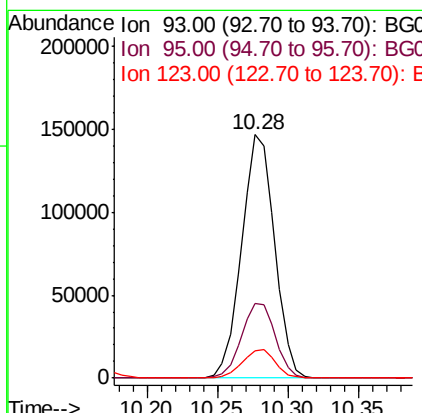
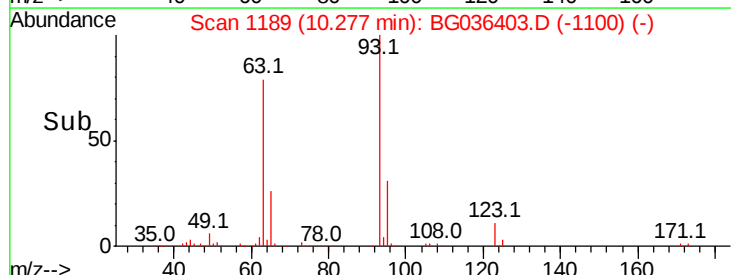
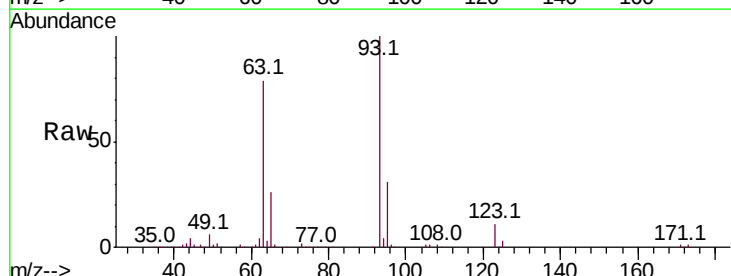
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	122	Resp:	183554
Ion	Ratio	Lower	Upper
122	100		
107	116.1	96.0	144.0
121	58.1	48.2	72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.785 ng
 RT: 10.28 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BG036403.D
 Acq: 24 Aug 2018 7:56

Tgt Ion:	93	Resp:	239976
Ion	Ratio	Lower	Upper
93	100		
95	30.5	25.2	37.8
123	11.4	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 53.831 ng

RT: 10.52 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

Instrument :

BNA_G

ClientSampled :

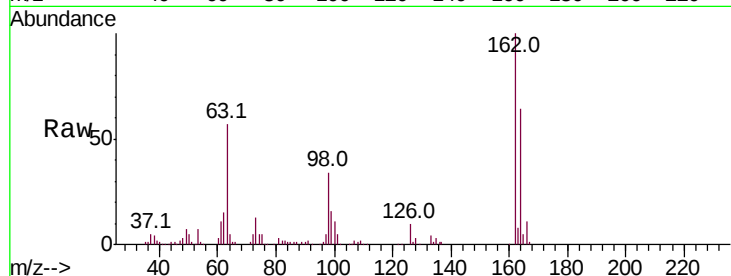
Tot Ion:162 Resp: 192247

Ion Ratio Lower Upper

162 100

164 63.9 47.6 87.6

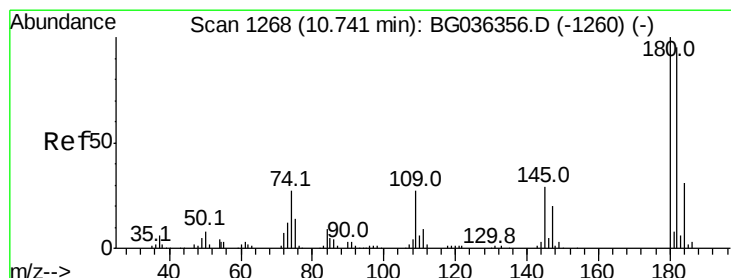
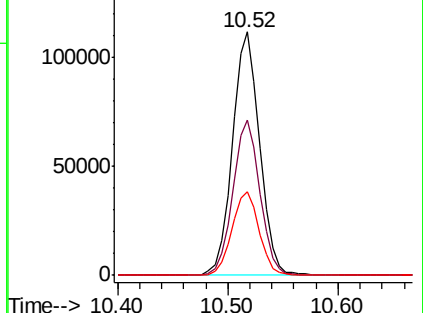
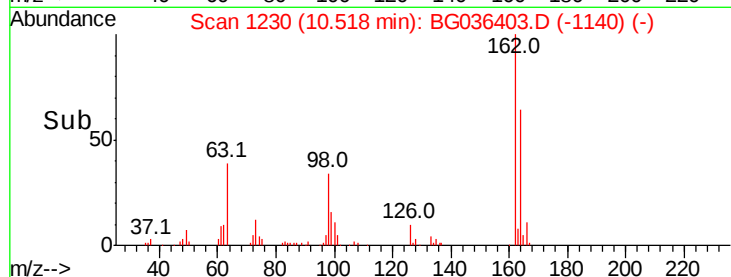
98 34.1 19.2 59.2



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: 45.859 ng

RT: 10.73 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

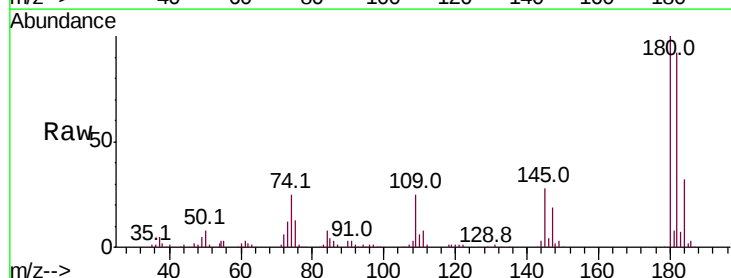
Tgt Ion:180 Resp: 191593

Ion Ratio Lower Upper

180 100

182 92.2 76.0 114.0

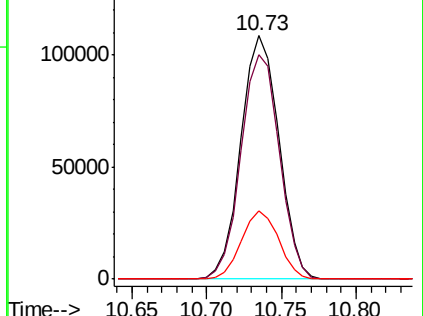
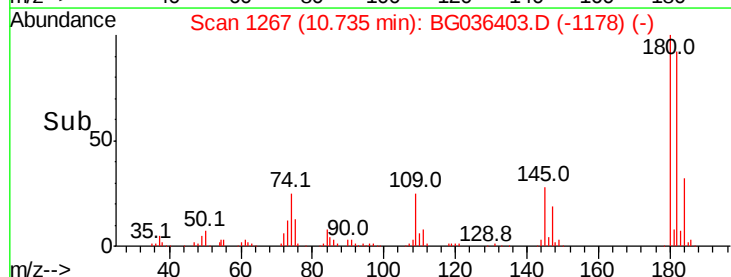
145 27.9 22.9 34.3

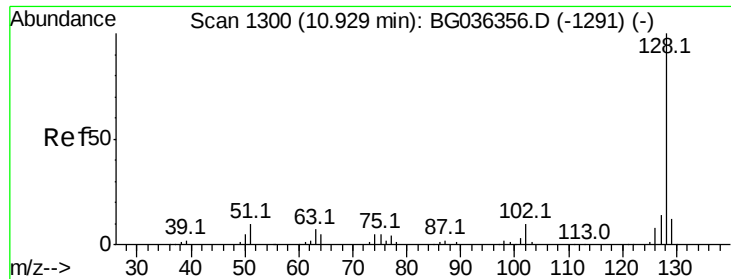


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

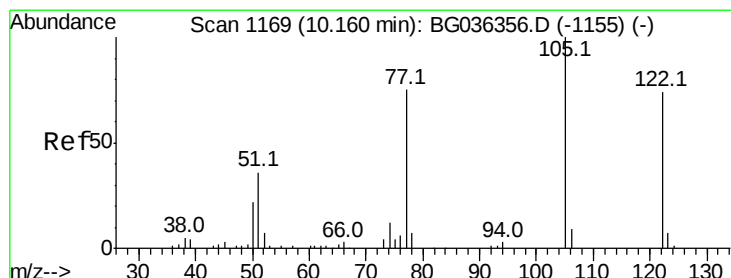
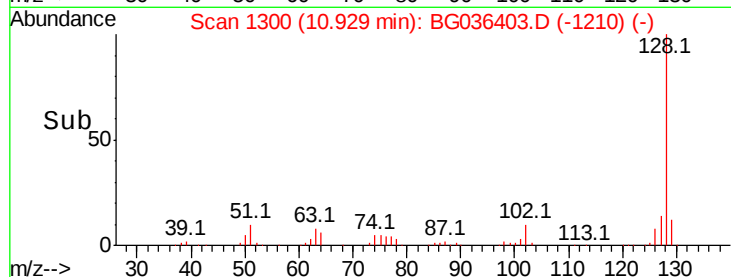
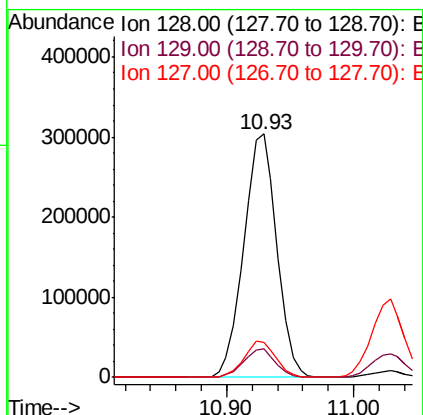
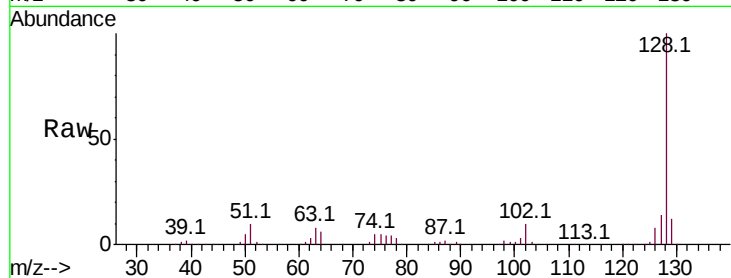




#31
Naphthalene
Concen: 49.042 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG036403.D
Acq: 24 Aug 2018 7:56

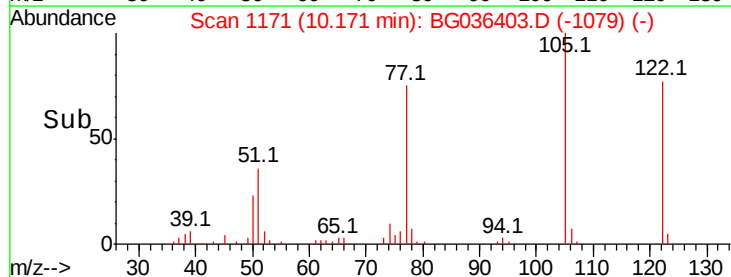
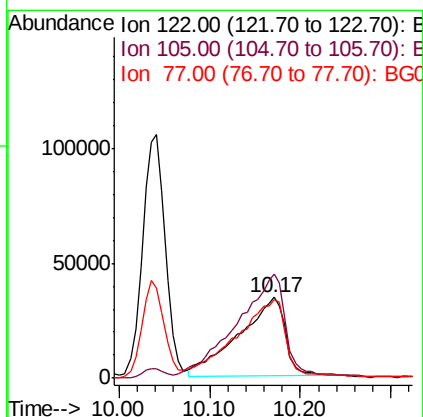
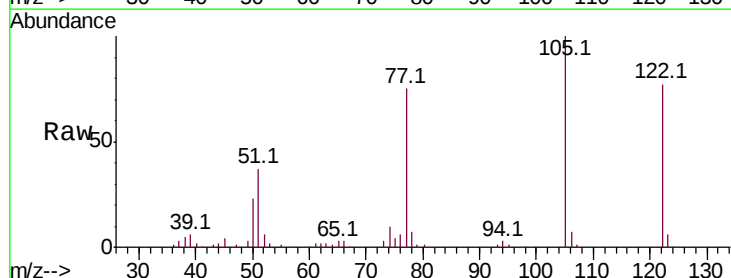
Instrument :
BNA_G
ClientSampleId :

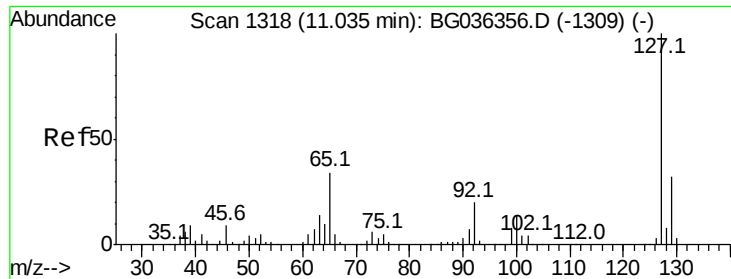
Tot Ion:128 Resp: 547896
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.2
127 14.5 11.0 16.4



#32
Benzoic acid
Concen: 51.035 ng
RT: 10.17 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BG036403.D
Acq: 24 Aug 2018 7:56

Tgt Ion:122 Resp: 124051
Ion Ratio Lower Upper
122 100
105 129.4 108.1 148.1
77 97.5 76.3 116.3

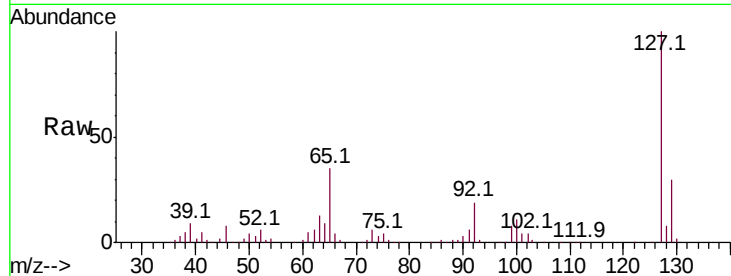




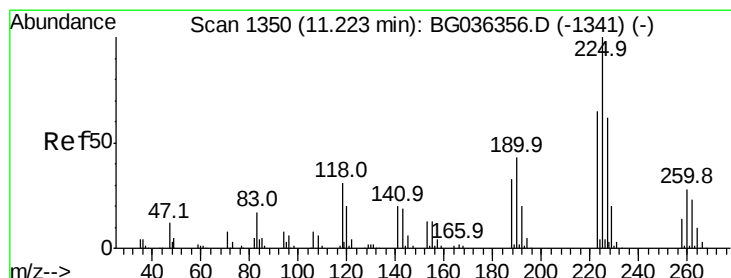
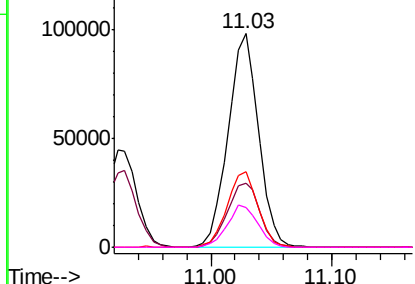
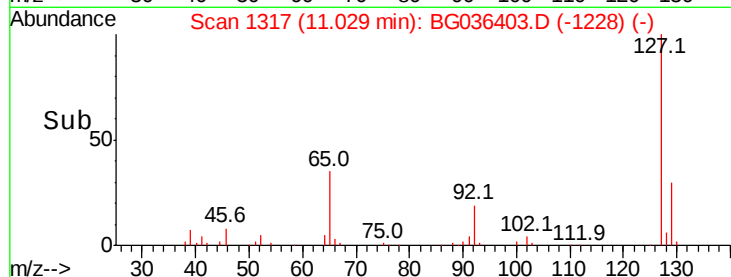
#33
4-Chloroaniline
Concen: 33.602 ng
RT: 11.03 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG036403.D
Acq: 24 Aug 2018 7:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	172024
Ion	Ratio	Lower	Upper
127	100		
129	29.9	25.9	38.9
65	35.4	27.5	41.3
92	18.8	16.2	24.2

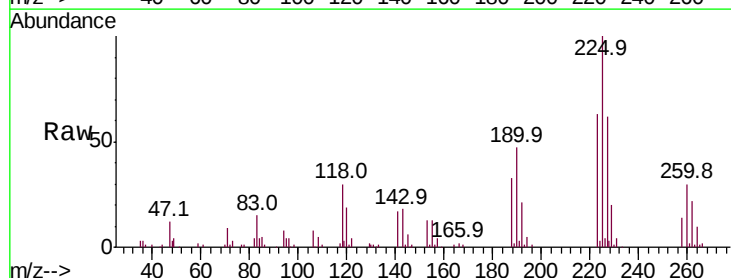


Abundance Ion 127.00 (126.70 to 127.70): E
150000 Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

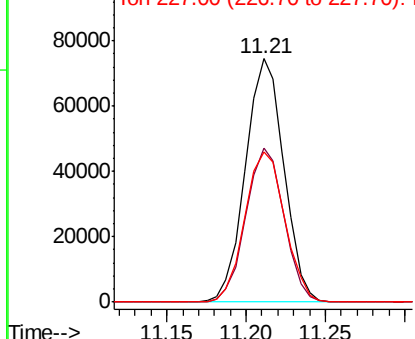
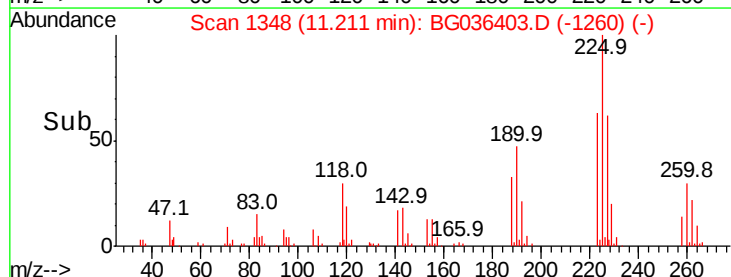


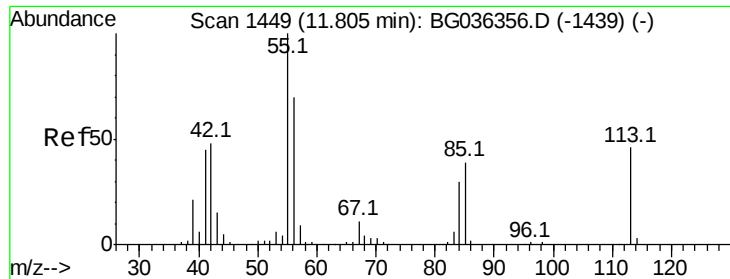
#34
Hexachlorobutadiene
Concen: 44.795 ng
RT: 11.21 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BG036403.D
Acq: 24 Aug 2018 7:56

Tgt Ion:	225	Resp:	125741
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.8	77.8
227	61.7	49.8	74.6



Abundance Ion 225.00 (224.70 to 225.70): E
100000 Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 31.462 ng

RT: 11.80 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

Instrument :

BNA_G

ClientSampled :

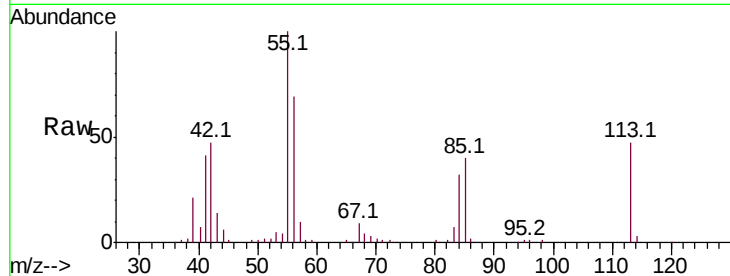
Tot Ion:113 Resp: 44760

Ion Ratio Lower Upper

113 100

55 211.2 197.7 237.7

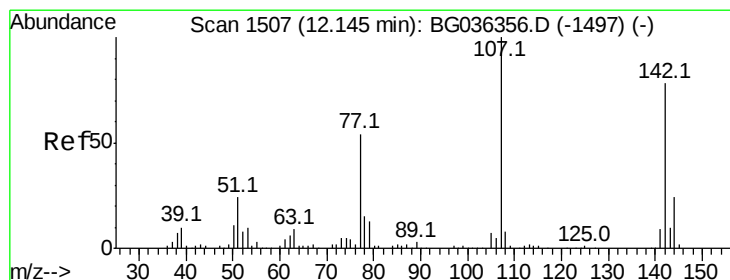
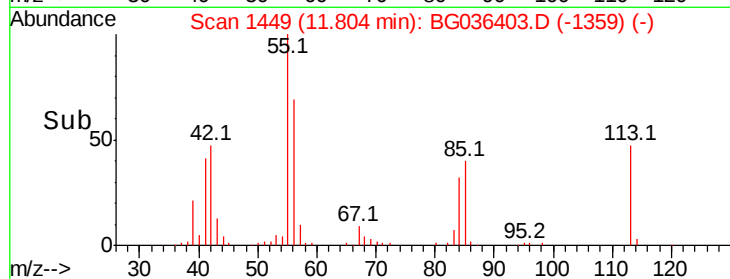
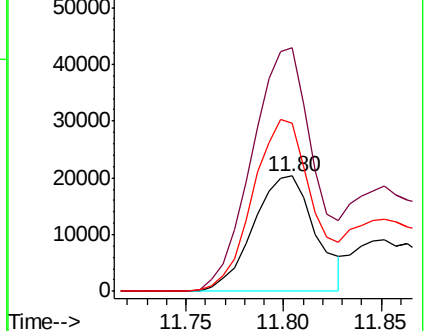
56 145.7 131.7 171.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 51.148 ng

RT: 12.15 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

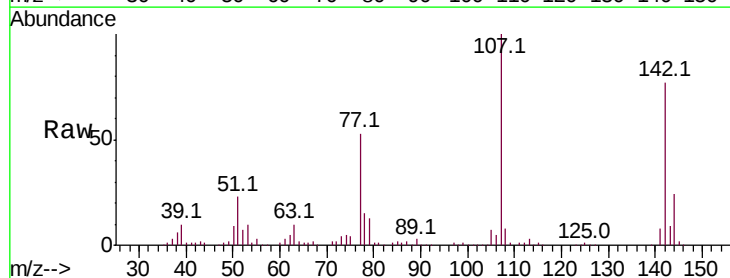
Tgt Ion:107 Resp: 212247

Ion Ratio Lower Upper

107 100

144 23.9 19.5 29.3

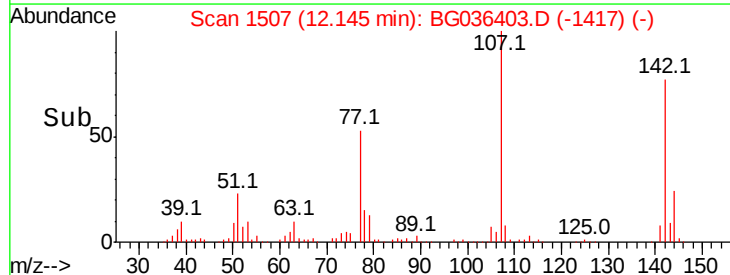
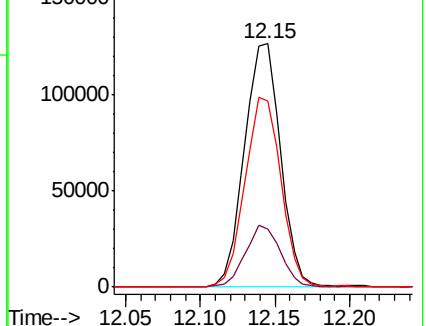
142 76.6 62.4 93.6

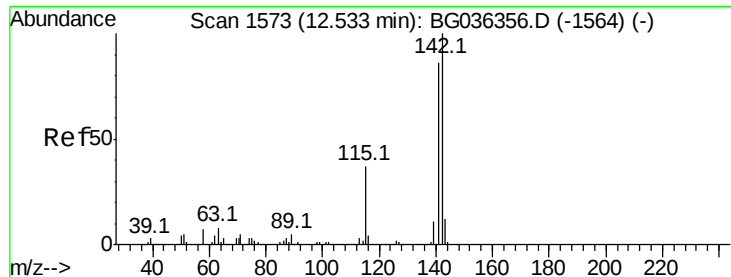


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

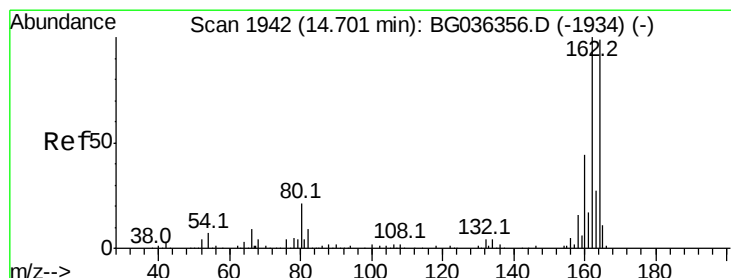
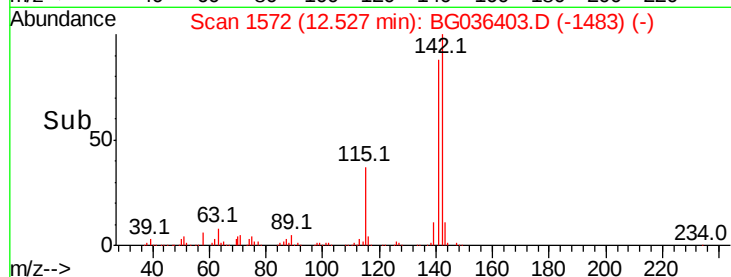
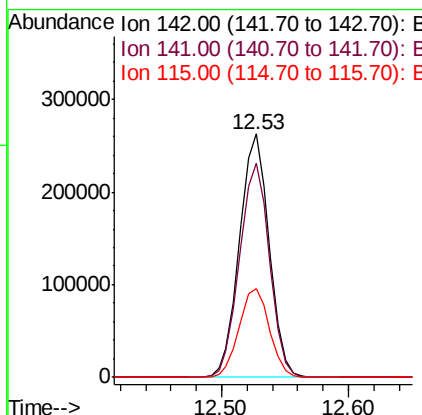
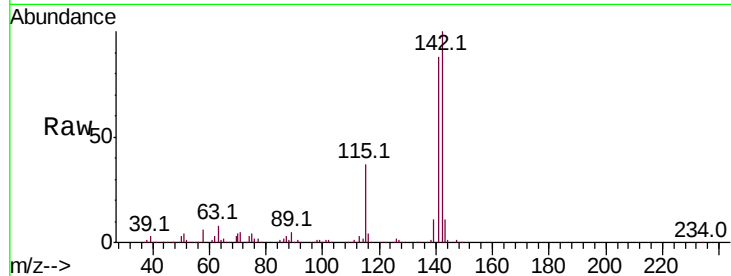




#37
 2-Methylnaphthalene
 Concen: 51.969 ng
 RT: 12.53 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BG036403.D
 Acq: 24 Aug 2018 7:56

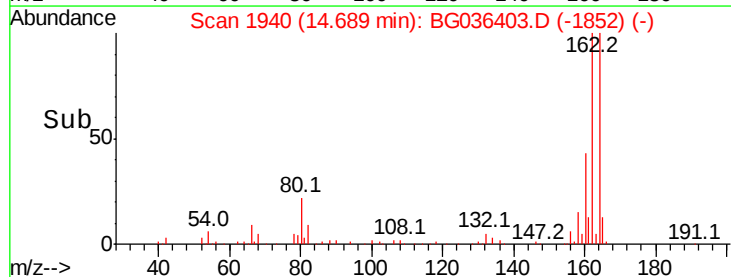
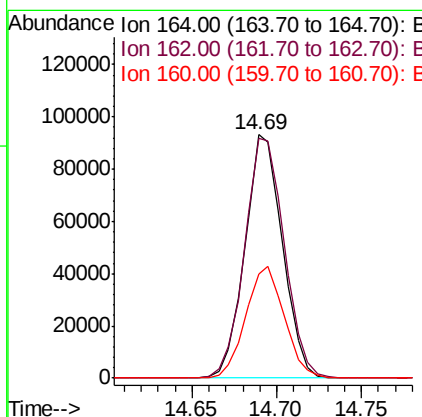
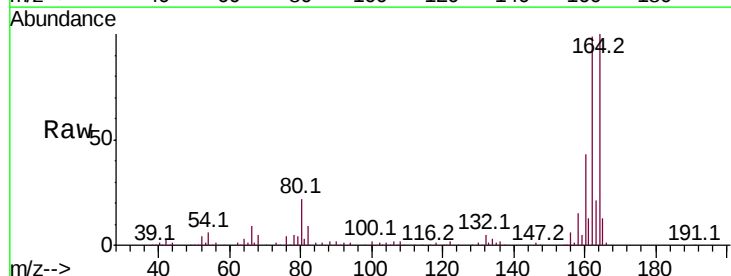
Instrument :
 BNA_G
 ClientSampleId :

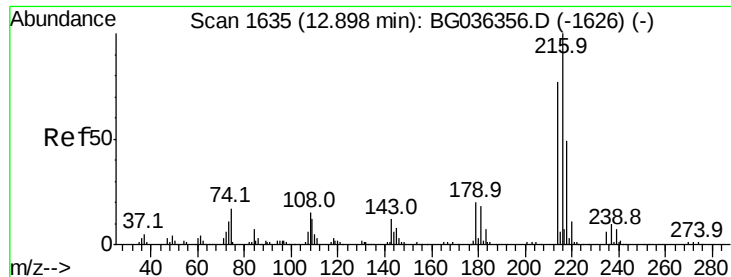
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	68.5	102.7
115	36.7	29.8	44.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG036403.D
 Acq: 24 Aug 2018 7:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.6	80.7	121.1
160	42.6	35.3	52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.271 ng

RT: 12.89 min Scan# 1634

Delta R.T. -0.01 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 240513

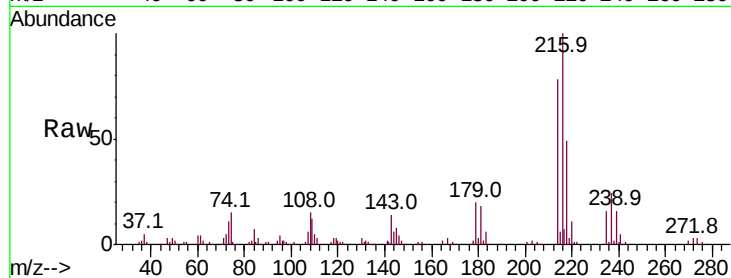
Ion Ratio Lower Upper

216 100

214 77.1 61.0 91.6

179 19.3 15.7 23.5

108 18.2 13.1 19.7

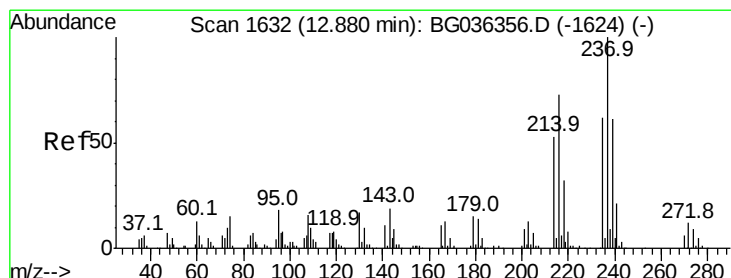
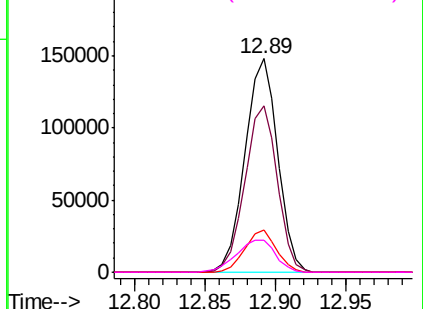
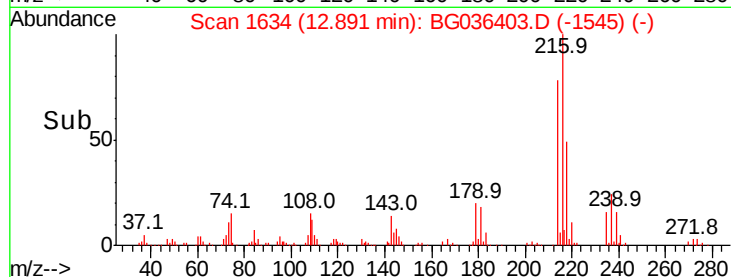


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 117.309 ng

RT: 12.87 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

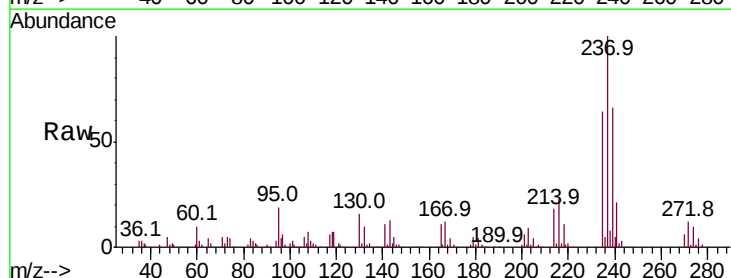
Tgt Ion:237 Resp: 310549

Ion Ratio Lower Upper

237 100

235 63.7 42.2 82.2

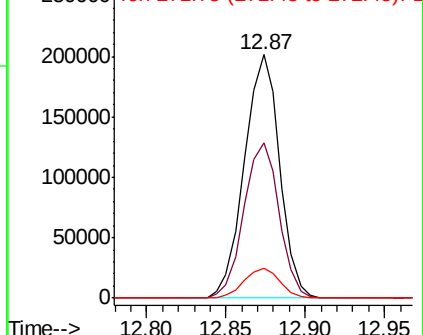
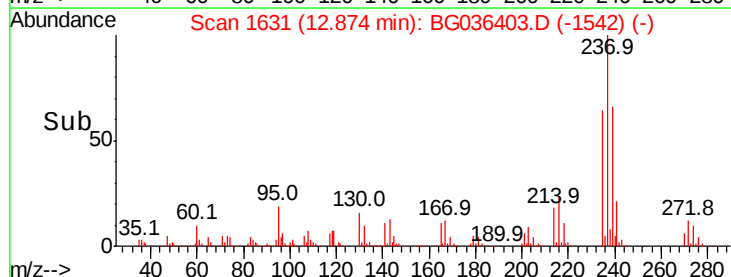
272 12.4 0.0 32.1

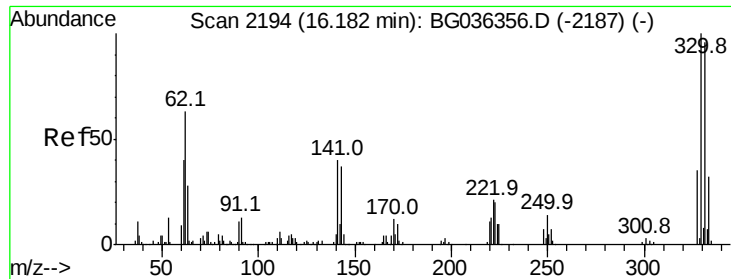


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

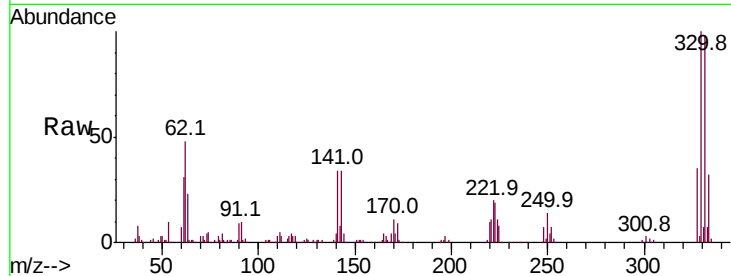




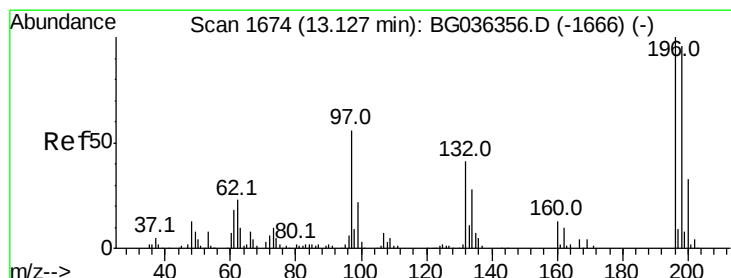
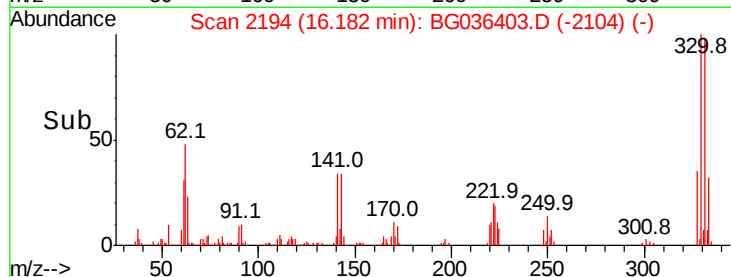
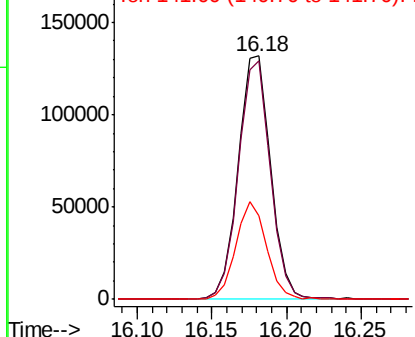
#41
 2,4,6-Tribromophenol
 Concen: 116.029 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BG036403.D
 Acq: 24 Aug 2018 7:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.4	113.2
141	38.3	30.7	46.1

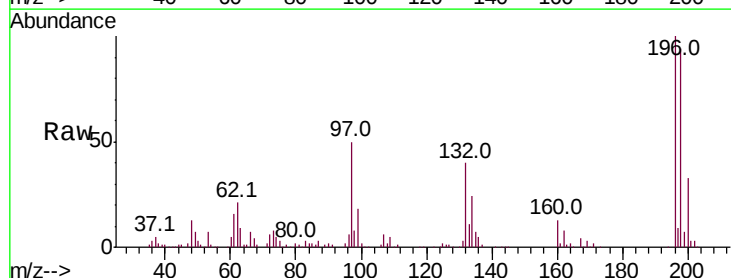


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

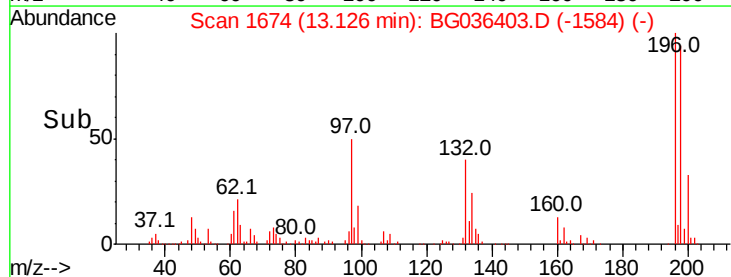
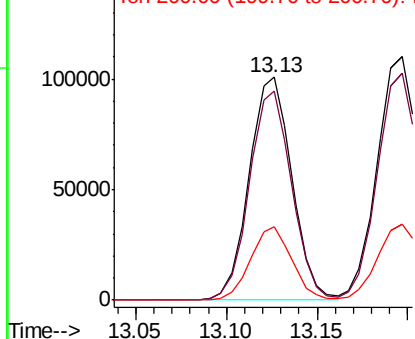


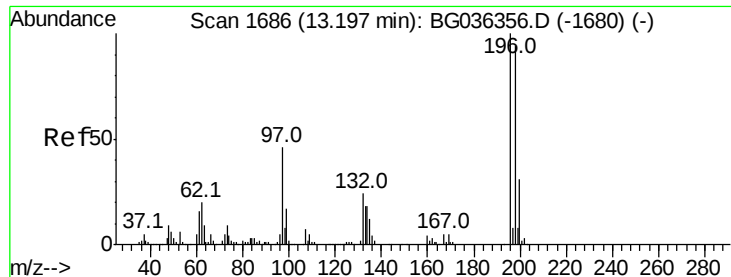
#42
 2,4,6-Trichlorophenol
 Concen: 53.239 ng
 RT: 13.13 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: BG036403.D
 Acq: 24 Aug 2018 7:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.5	77.2	115.8
200	32.8	26.3	39.5



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

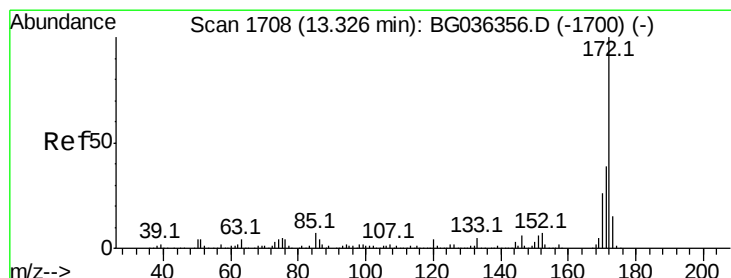
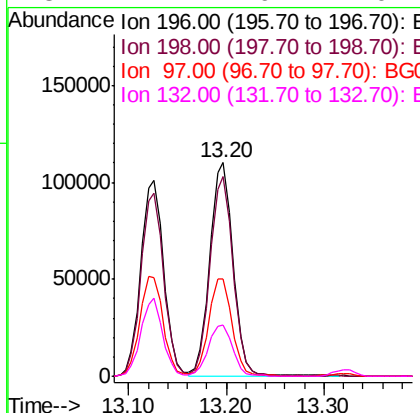
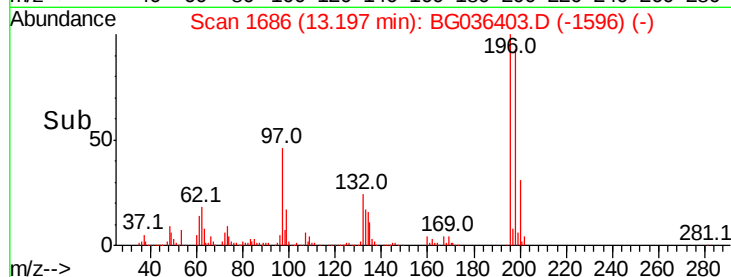
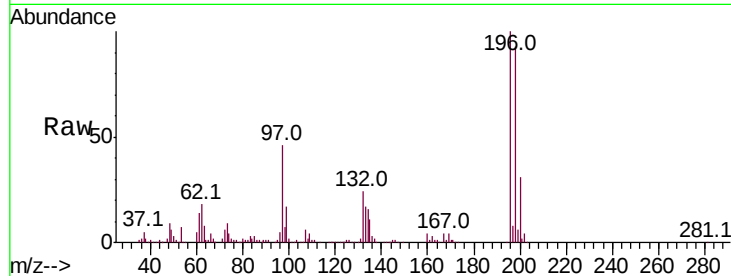




#43
 2,4,5-Trichlorophenol
 Concen: 54.638 ng
 RT: 13.20 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: BG036403.D
 Acq: 24 Aug 2018 7:56

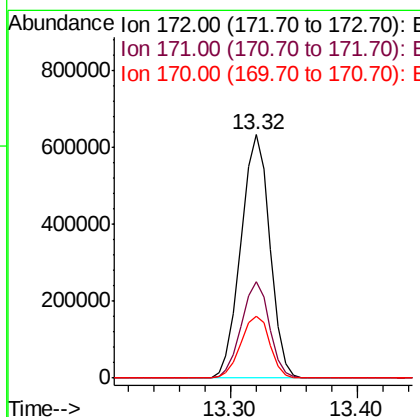
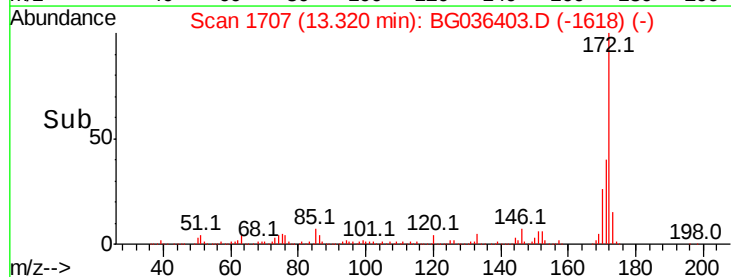
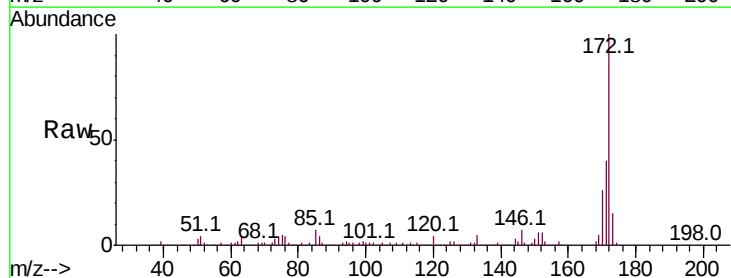
Instrument :
 BNA_G
 ClientSampleId :

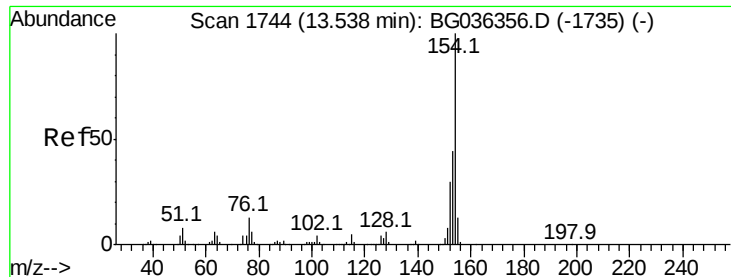
Tot Ion	196	Resp	180620
Ion Ratio	100		
Lower		75.6	
Upper		113.4	
198	93.2		
97	45.8	37.2	55.8
132	24.1	19.4	29.2



#44
 2-Fluorobiphenyl
 Concen: 99.260 ng
 RT: 13.32 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG036403.D
 Acq: 24 Aug 2018 7:56

Tgt Ion	172	Resp	999490
Ion Ratio	100		
Lower		31.3	
Upper		46.9	
171	39.7		
170	25.7	21.0	31.6





#45

1,1'-Biphenyl

Concen: 46.500 ng

RT: 13.53 min Scan# 1743

Delta R.T. -0.01 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

Instrument :

BNA_G

ClientSampleId :

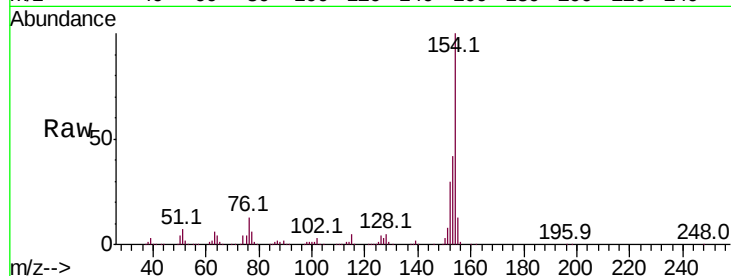
Tot Ion:154 Resp: 554947

Ion Ratio Lower Upper

154 100

153 42.0 24.0 64.0

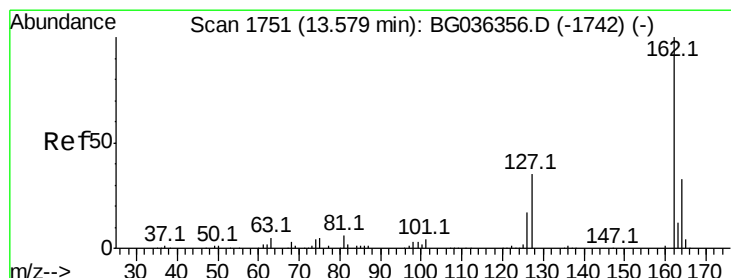
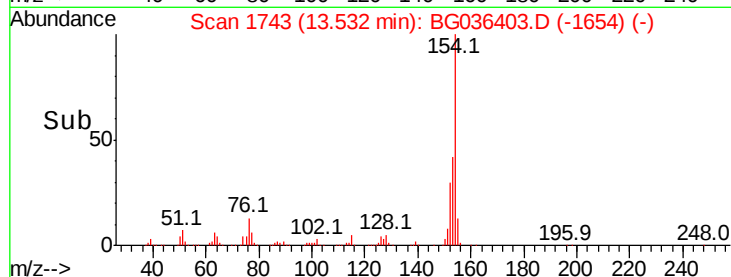
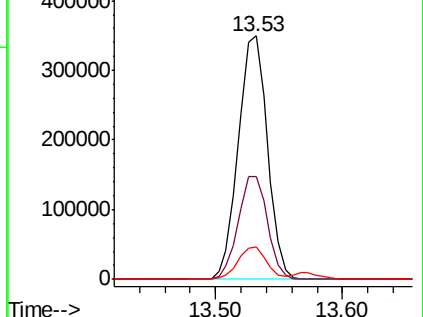
76 13.3 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 45.819 ng

RT: 13.57 min Scan# 1750

Delta R.T. -0.01 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

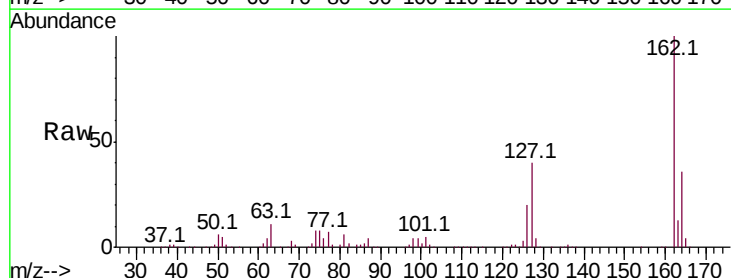
Tgt Ion:162 Resp: 417449

Ion Ratio Lower Upper

162 100

127 39.7 30.7 46.1

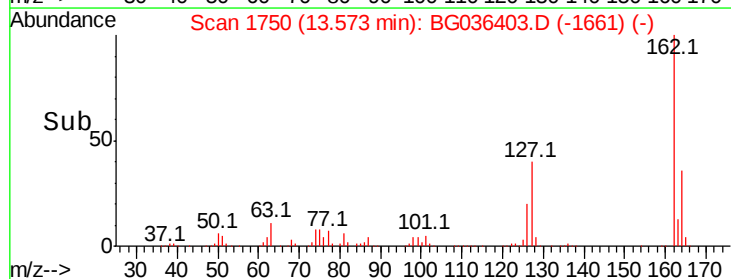
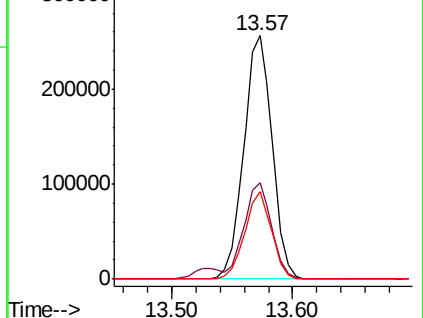
164 35.9 26.7 40.1

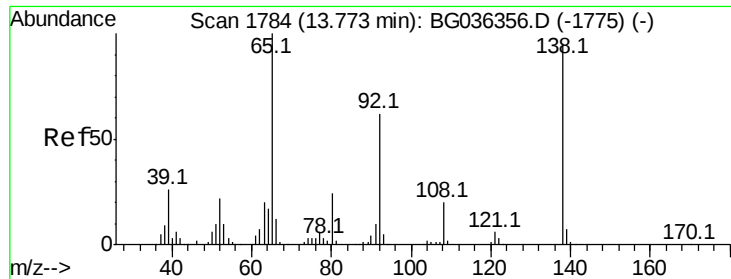


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

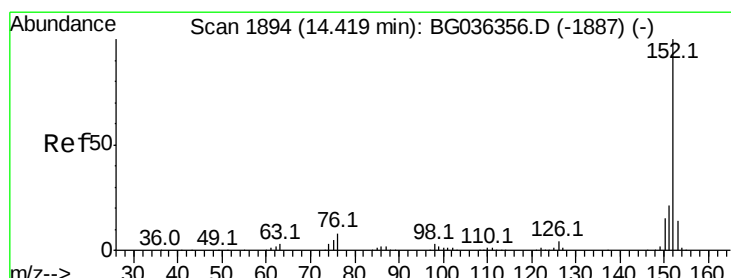
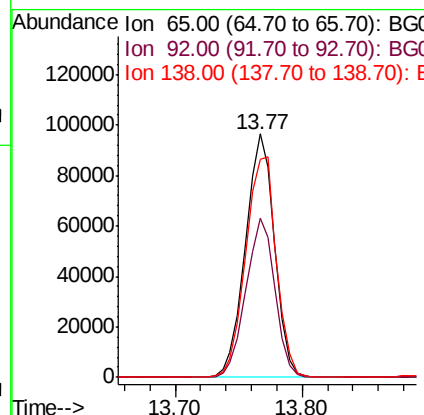
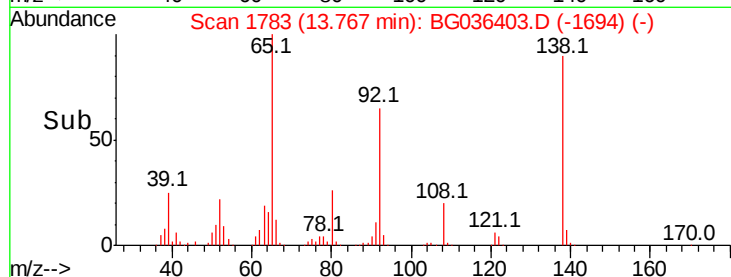
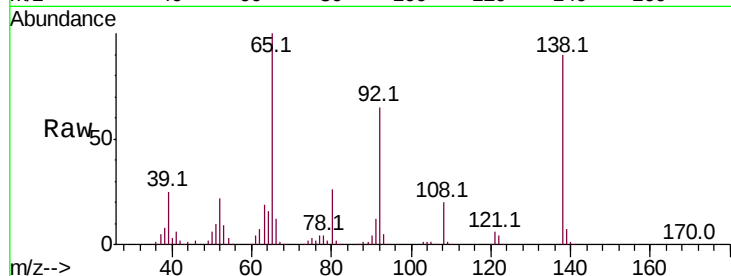




#47
2-Nitroaniline
Concen: 53.598 ng
RT: 13.77 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG036403.D
Acq: 24 Aug 2018 7:56

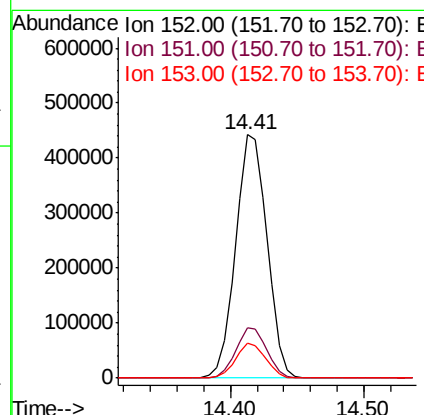
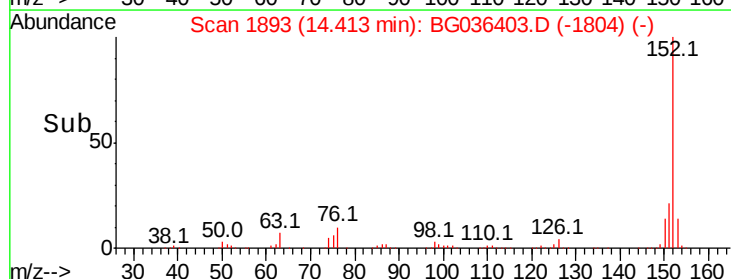
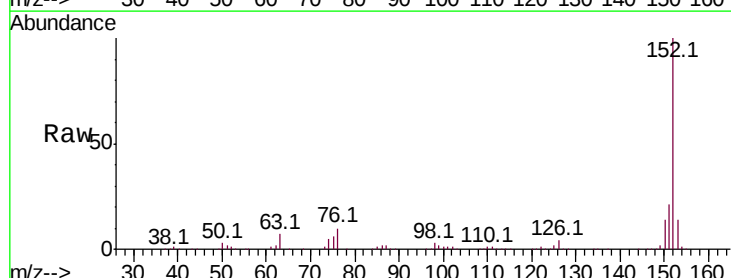
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 65 Resp: 153342
Ion Ratio Lower Upper
65 100
92 65.4 49.9 74.9
138 89.7 76.2 114.4



#48
Acenaphthylene
Concen: 50.770 ng
RT: 14.41 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BG036403.D
Acq: 24 Aug 2018 7:56

Tgt Ion: 152 Resp: 722899
Ion Ratio Lower Upper
152 100
151 20.7 16.9 25.3
153 14.2 11.2 16.8





#49

Dimethylphthalate

Concen: 49.919 ng

RT: 14.15 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

Instrument :

BNA_G

ClientSampled :

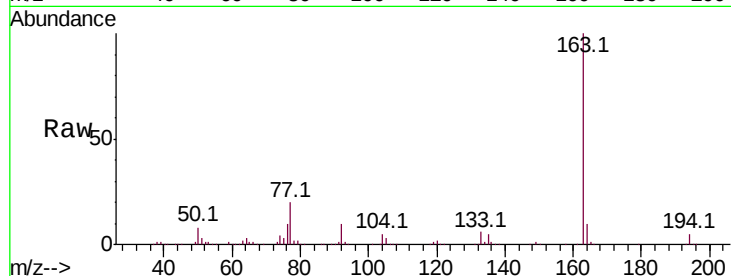
Tot Ion:163 Resp: 586047

Ion Ratio Lower Upper

163 100

194 5.0 4.0 6.0

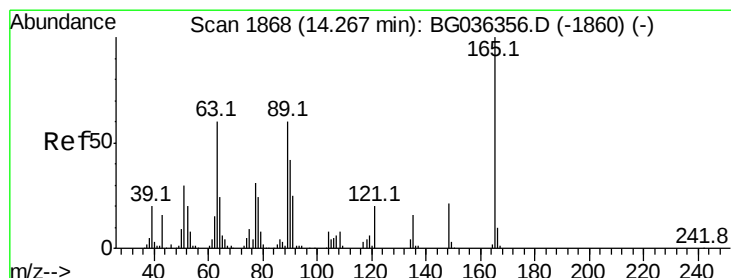
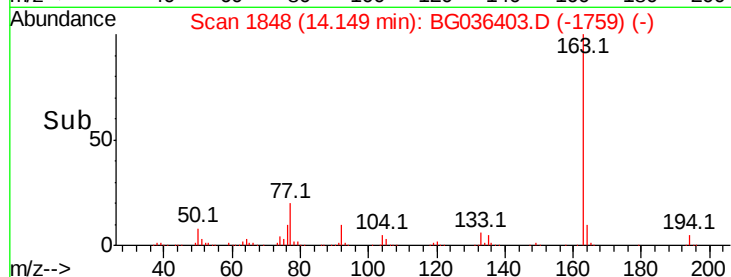
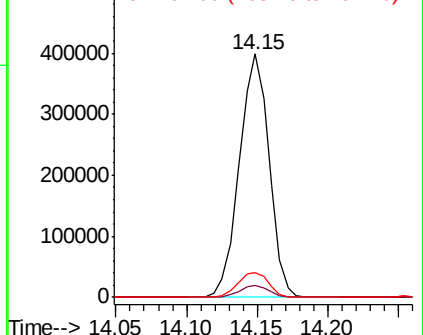
164 10.4 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 52.699 ng

RT: 14.26 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

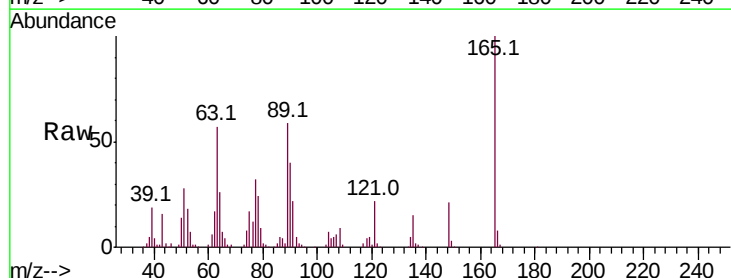
Tgt Ion:165 Resp: 127307

Ion Ratio Lower Upper

165 100

63 57.1 50.1 75.1

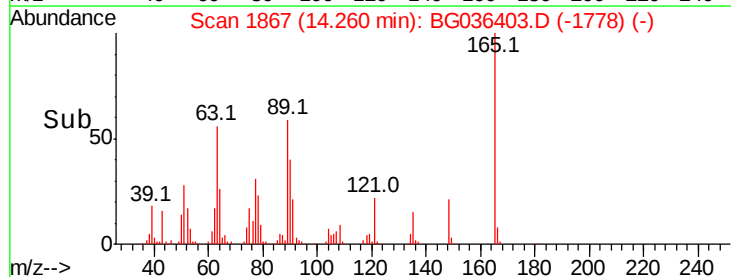
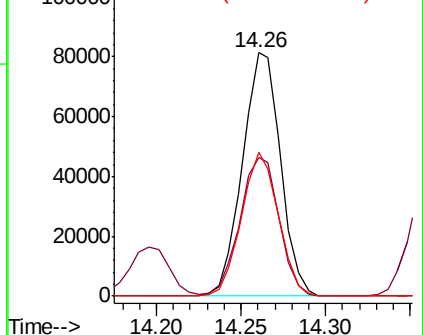
89 58.8 47.8 71.6

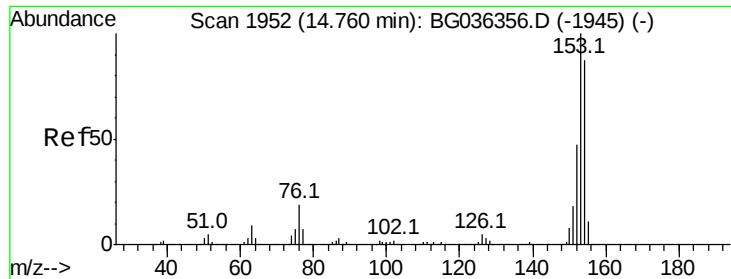


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 52.234 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

Instrument :

BNA_G

ClientSampleId :

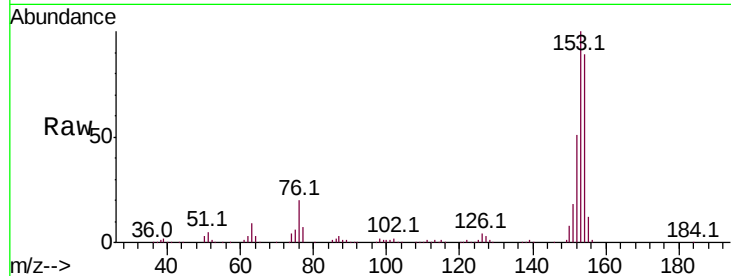
Tot Ion:154 Resp: 476331

Ion Ratio Lower Upper

154 100

153 112.6 91.8 137.6

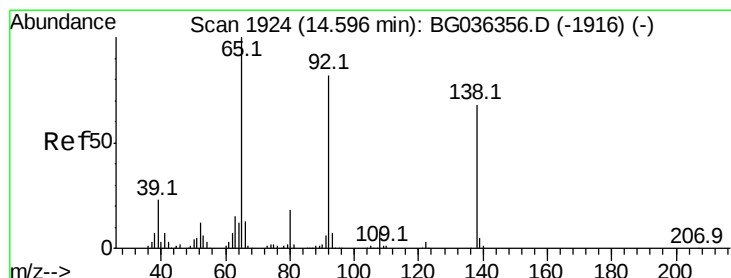
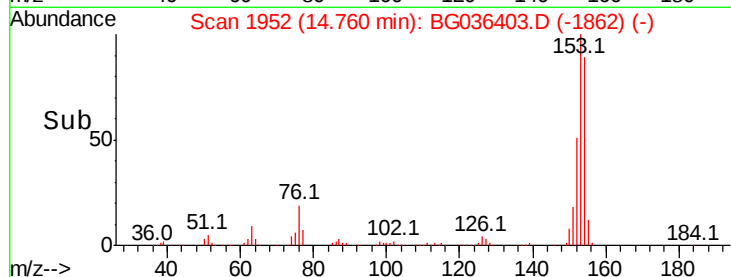
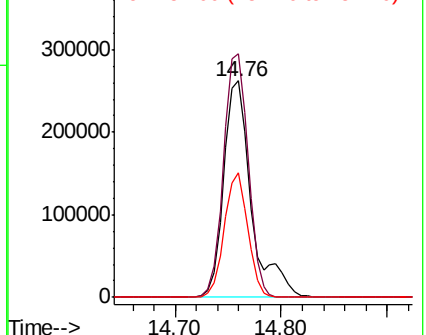
152 57.7 43.5 65.3



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



#52

3-Nitroaniline

Concen: 40.399 ng

RT: 14.59 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

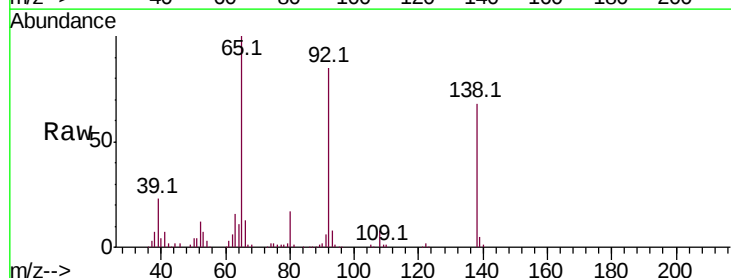
Tgt Ion:138 Resp: 105171

Ion Ratio Lower Upper

138 100

108 12.4 9.4 14.2

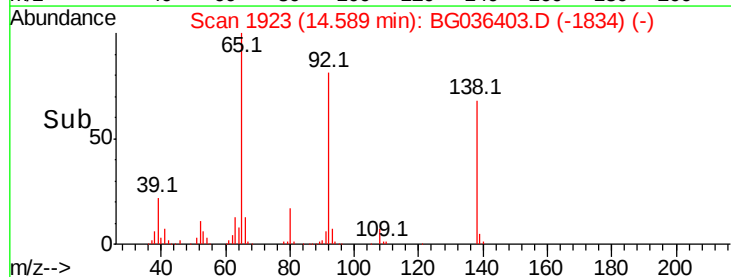
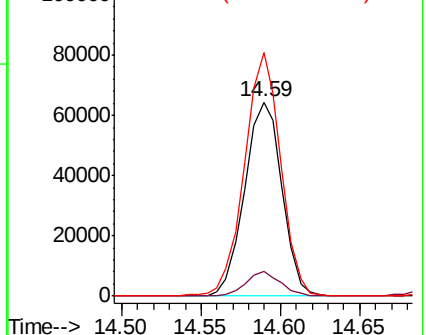
92 125.3 96.8 145.2

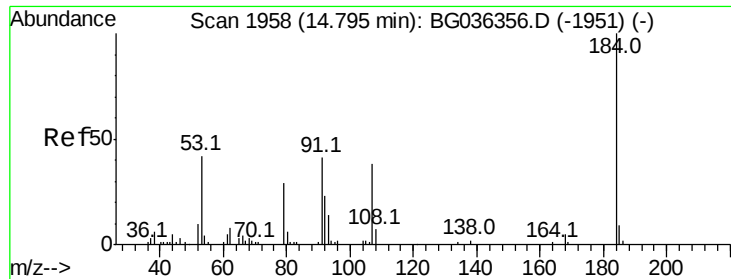


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 114.680 ng

RT: 14.79 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

Instrument :

BNA_G

ClientSampleId :

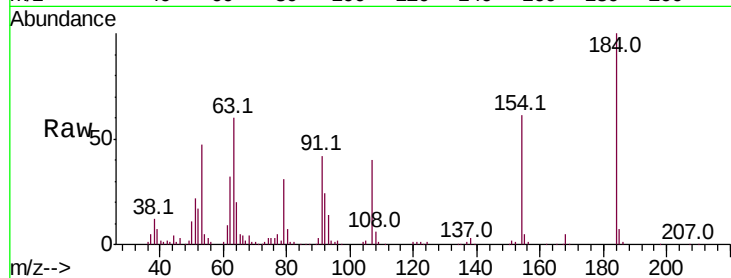
Tot Ion:184 Resp: 104936

Ion Ratio Lower Upper

184 100

63 59.5 47.3 70.9

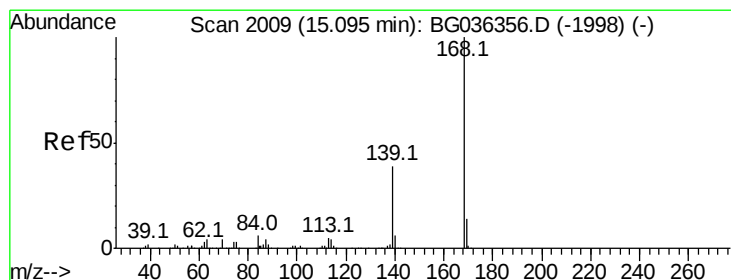
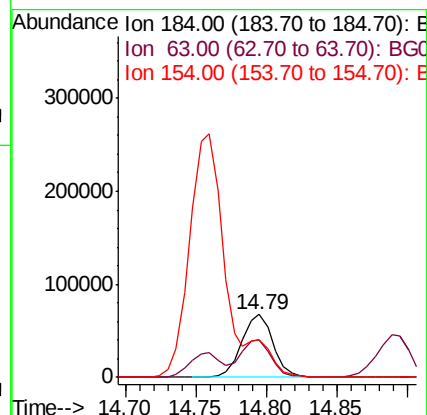
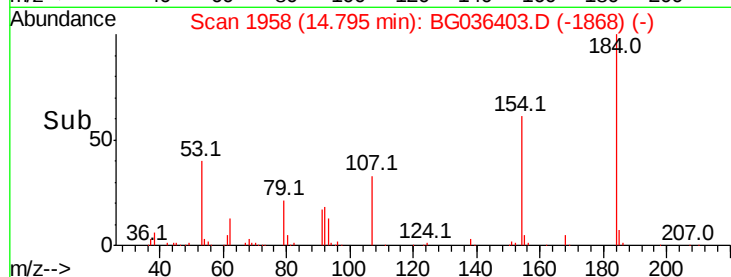
154 60.8 51.1 76.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 47.724 ng

RT: 15.09 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

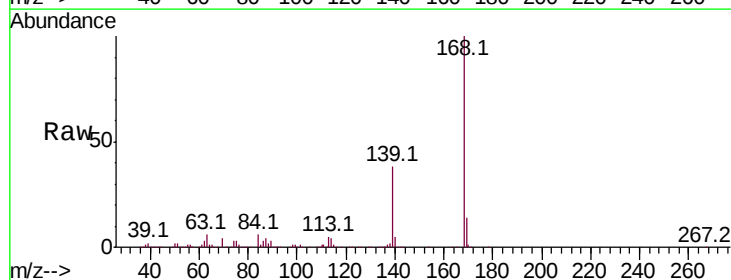
Tgt Ion:168 Resp: 681818

Ion Ratio Lower Upper

168 100

139 37.9 31.0 46.6

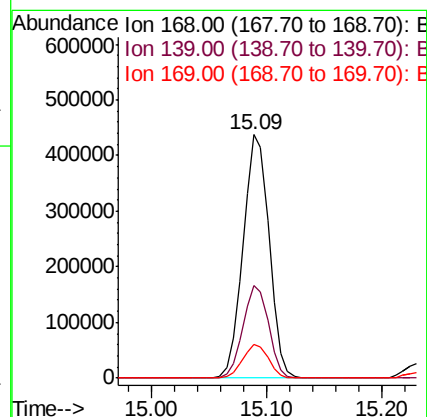
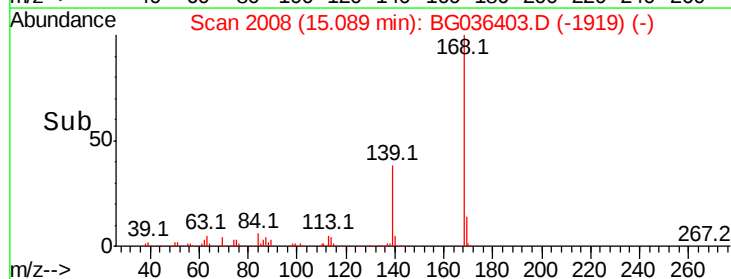
169 13.8 11.1 16.7

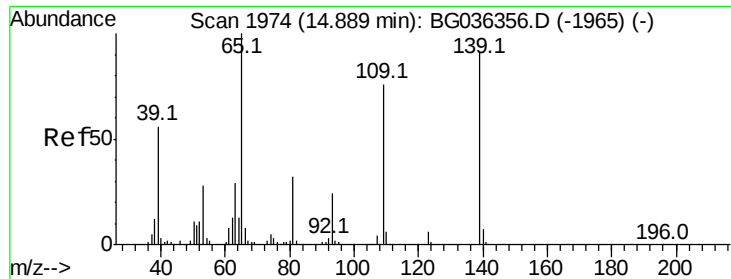


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

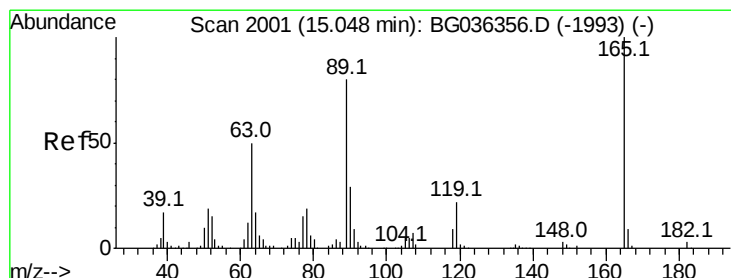
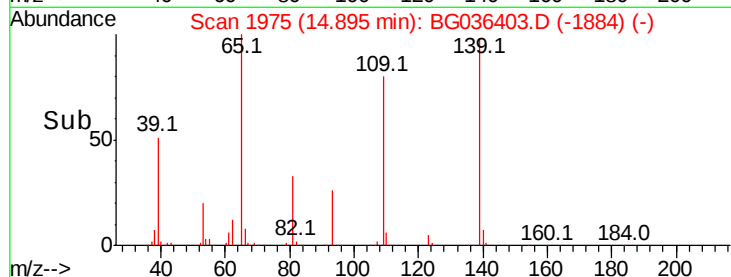
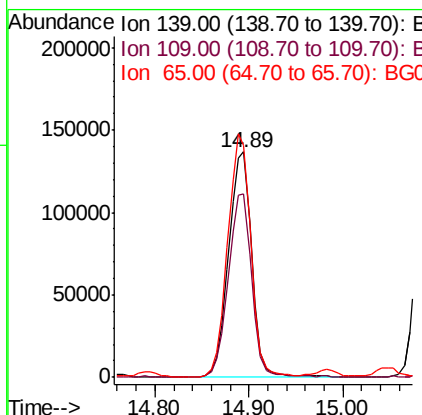
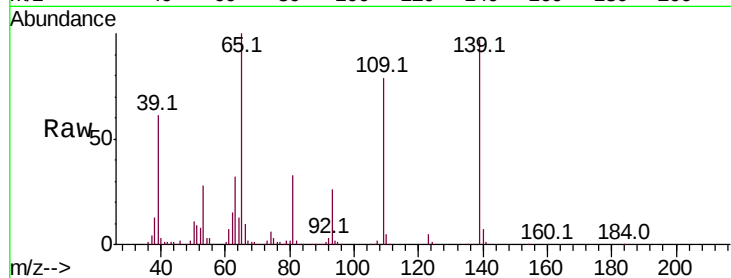




#55
4-Nitrophenol
Concen: 110.310 ng
RT: 14.89 min Scan# 1975
Delta R.T. 0.01 min
Lab File: BG036403.D
Acq: 24 Aug 2018 7:56

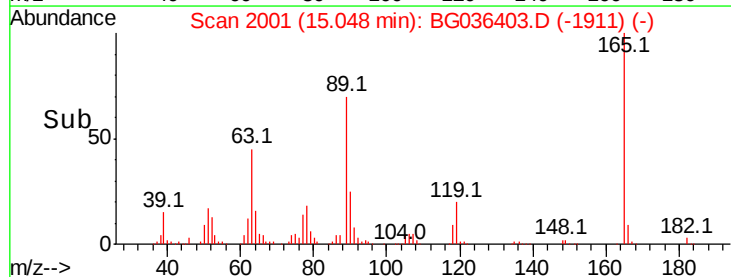
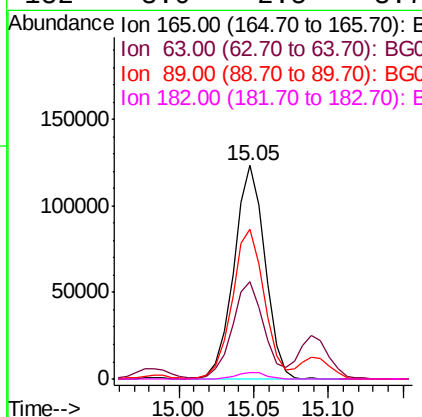
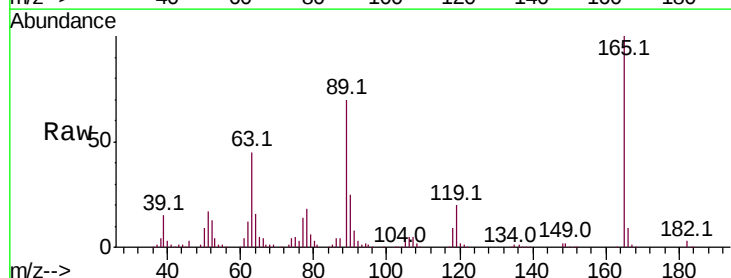
Instrument :
BNA_G
ClientSampleId :

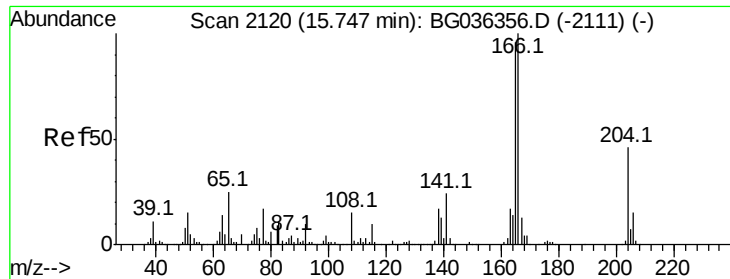
Tot Ion	Ratio	Lower	Upper
139	100		
109	81.2	63.9	103.9
65	103.1	90.0	130.0



#56
2,4-Dinitrotoluene
Concen: 56.505 ng
RT: 15.05 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BG036403.D
Acq: 24 Aug 2018 7:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.3	40.1	60.1
89	70.3	63.7	95.5
182	3.0	2.5	3.7

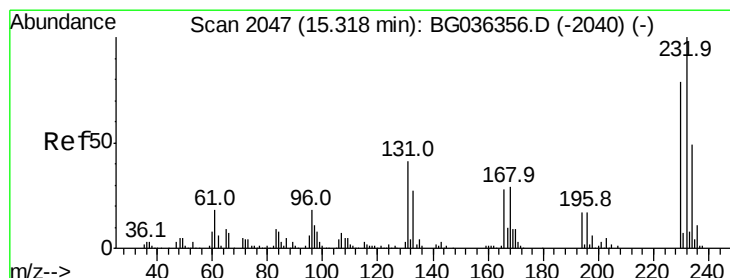
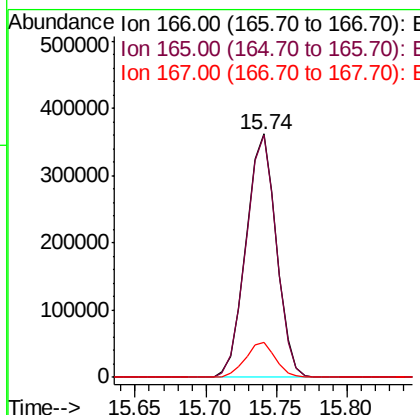
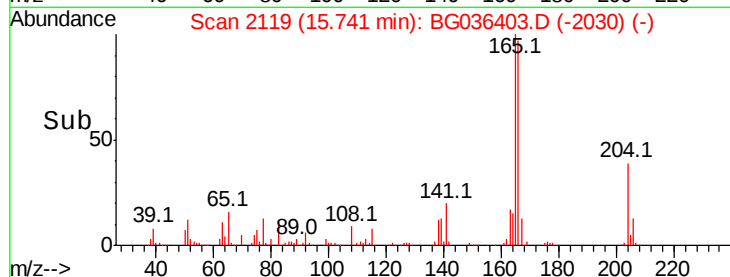
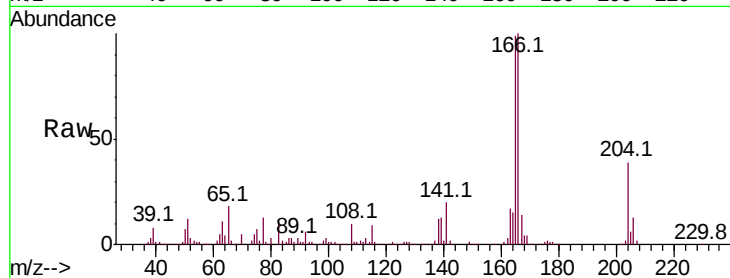




#57
 Fluorene
 Concen: 51.294 ng
 RT: 15.74 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BG036403.D
 Acq: 24 Aug 2018 7:56

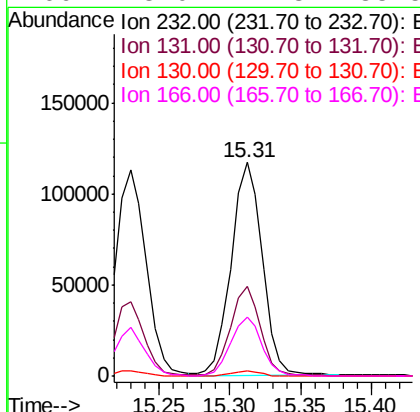
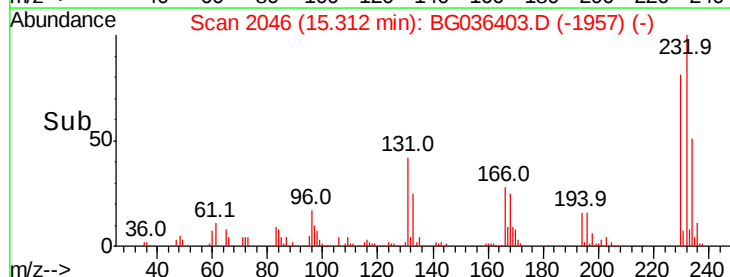
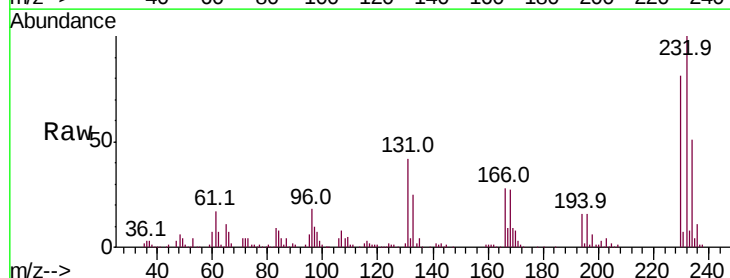
Instrument :
 BNA_G
 ClientSampled :

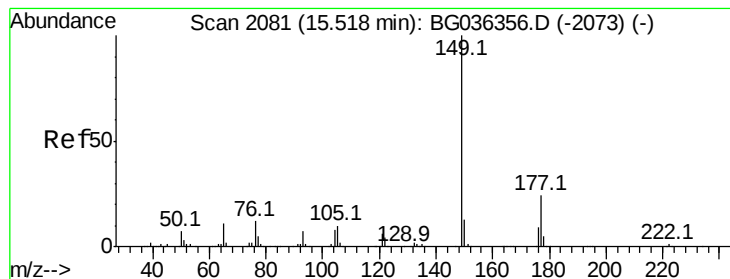
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.4	77.0	115.4
167	14.3	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 57.741 ng
 RT: 15.31 min Scan# 2046
 Delta R.T. -0.01 min
 Lab File: BG036403.D
 Acq: 24 Aug 2018 7:56

Tgt Ion	Ratio	Lower	Upper
232	100		
131	39.8	33.8	50.8
130	2.3	2.1	3.1
166	28.0	22.3	33.5

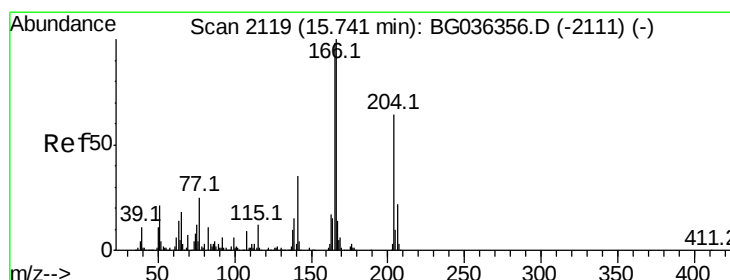
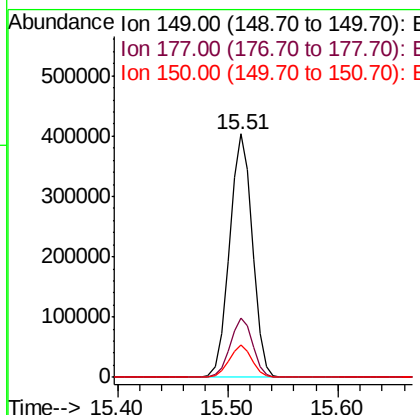
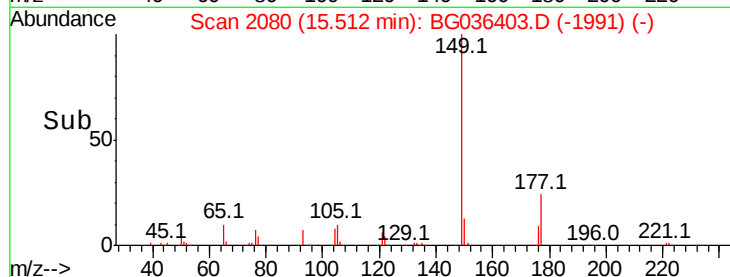
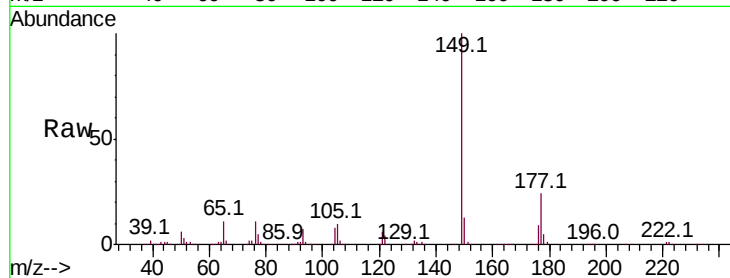




#59
 Diethylphthalate
 Concen: 49.432 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG036403.D
 Acq: 24 Aug 2018 7:56

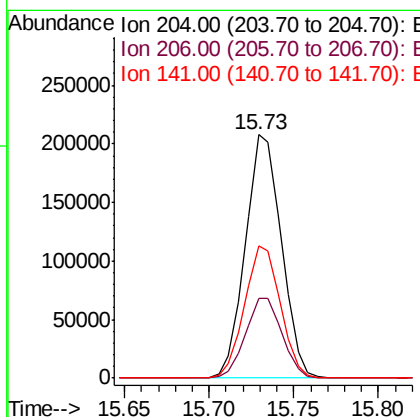
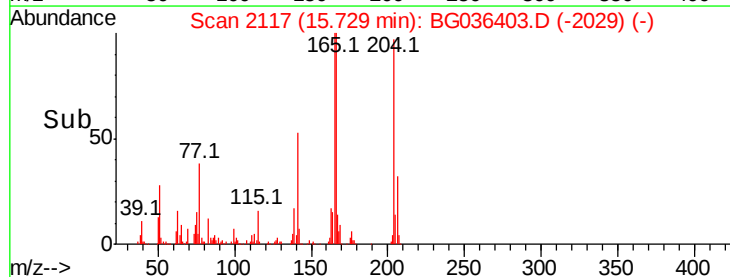
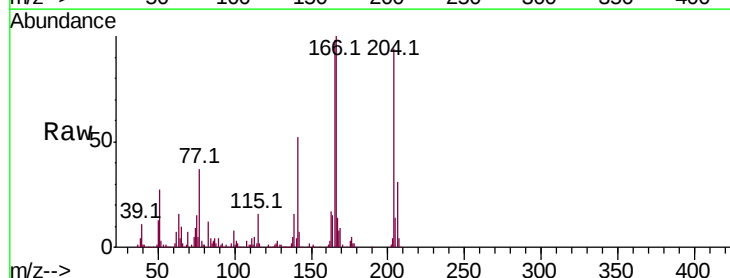
Instrument :
 BNA_G
 ClientSampleId :

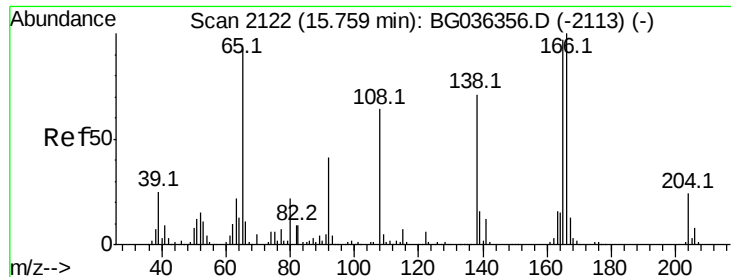
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.2	19.1	28.7
150	13.4	10.7	16.1



#60
 4-Chlorophenyl-phenylether
 Concen: 46.809 ng
 RT: 15.73 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BG036403.D
 Acq: 24 Aug 2018 7:56

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	27.0	40.4
141	54.5	43.8	65.6





#61

4-Nitroaniline

Concen: 53.597 ng

RT: 15.76 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

Instrument :

BNA_G

ClientSampleId :

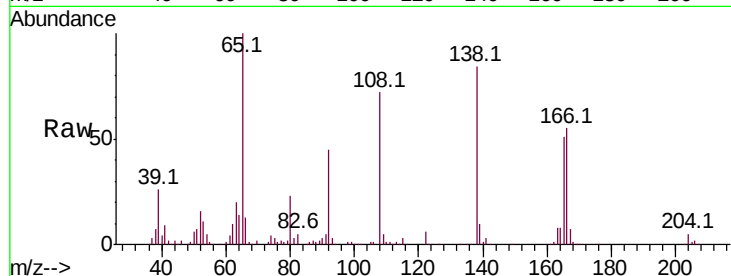
Tot Ion:138 Resp: 146006

Ion Ratio Lower Upper

138 100

92 53.3 38.5 78.5

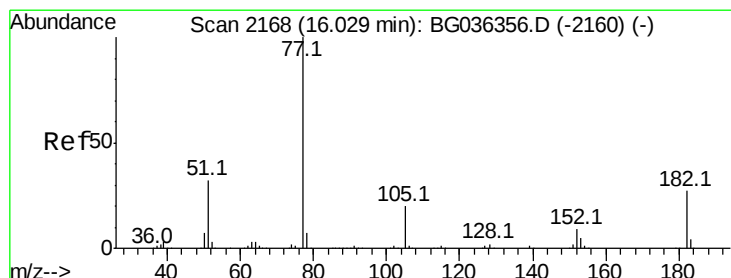
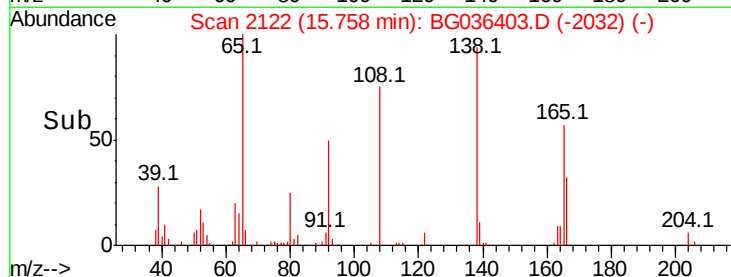
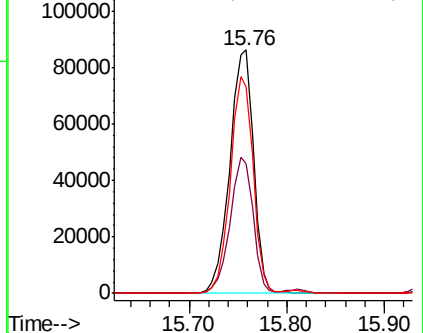
108 84.9 70.3 110.3



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



#62

Azobenzene

Concen: 47.326 ng

RT: 16.02 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

Tgt Ion: 77 Resp: 569711

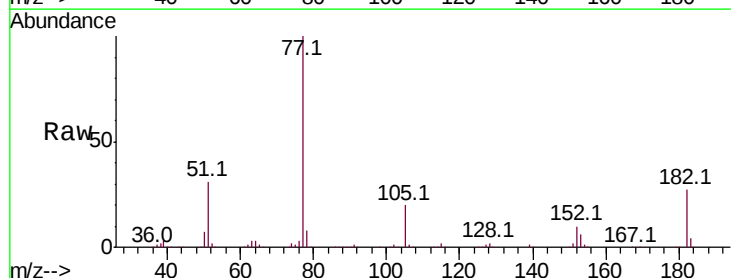
Ion Ratio Lower Upper

77 100

182 27.2 6.7 46.7

105 19.6 0.0 39.8

51 31.2 12.4 52.4

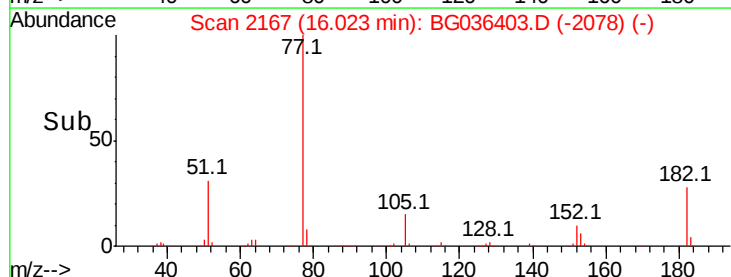
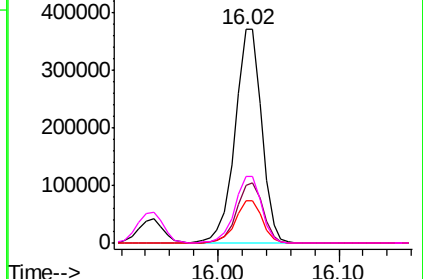


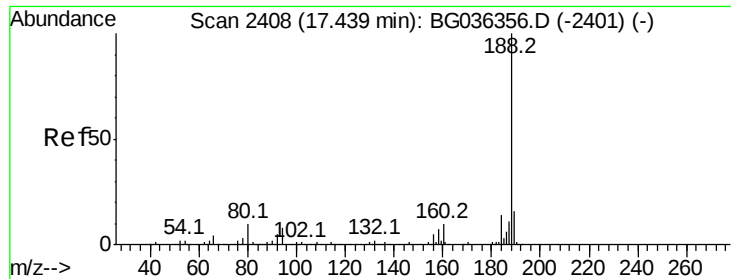
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

Instrument :

BNA_G

ClientSampleId :

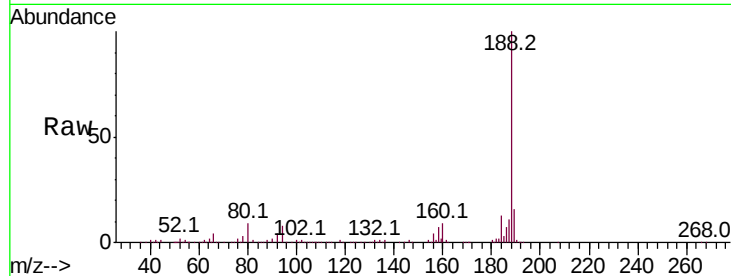
Tot Ion:188 Resp: 381429

Ion Ratio Lower Upper

188 100

94 8.0 6.7 10.1

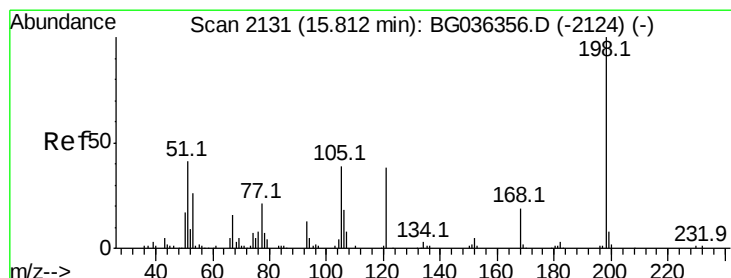
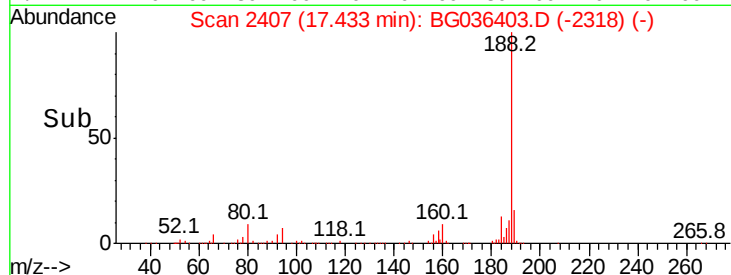
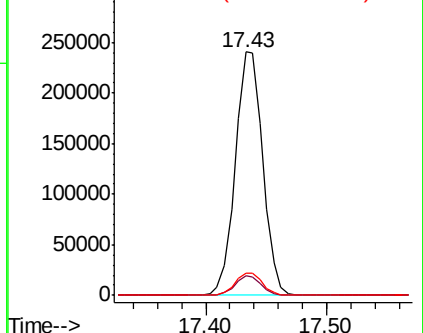
80 8.9 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 52.561 ng

RT: 15.81 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

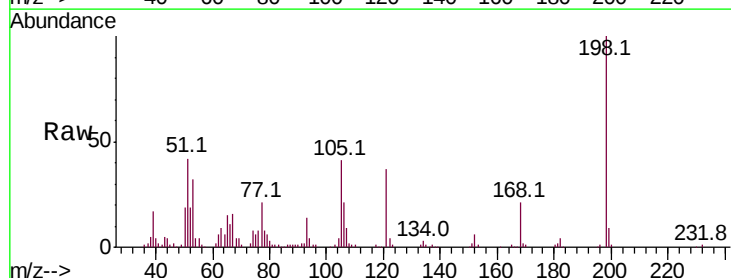
Tgt Ion:198 Resp: 88069

Ion Ratio Lower Upper

198 100

51 41.9 26.5 66.5

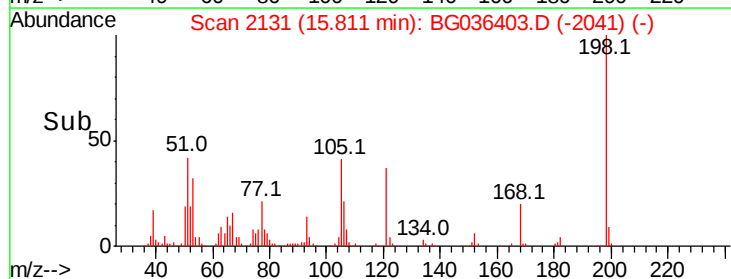
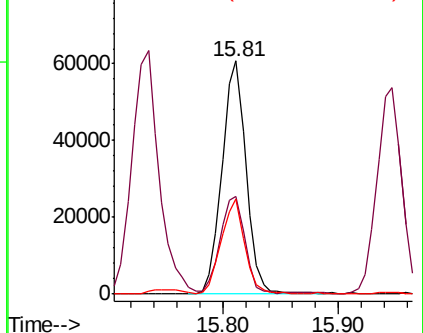
105 40.8 20.2 60.2

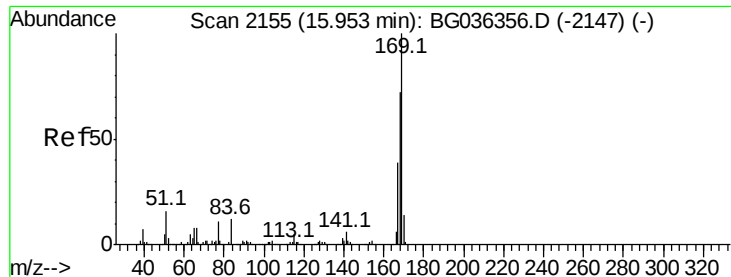


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 44.738 ng

RT: 15.95 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

Instrument :

BNA_G

ClientSampleId :

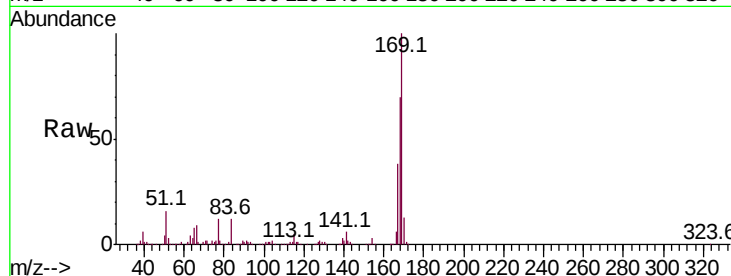
Tot Ion:169 Resp: 507036

Ion Ratio Lower Upper

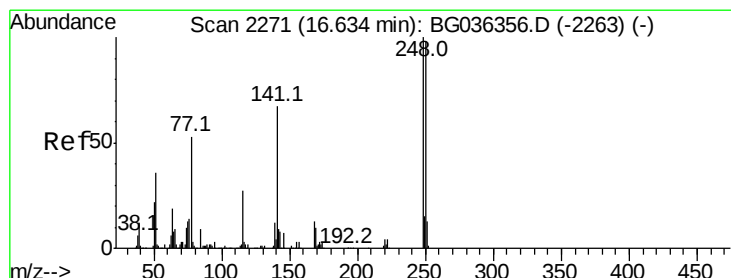
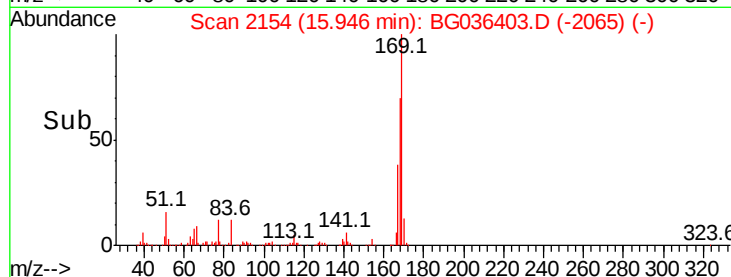
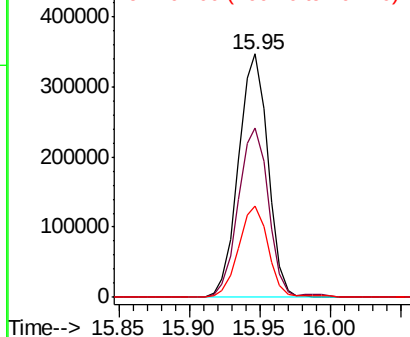
169 100

168 69.6 57.6 86.4

167 37.6 31.0 46.4



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



#66

4-Bromophenyl-phenylether

Concen: 46.102 ng

RT: 16.63 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

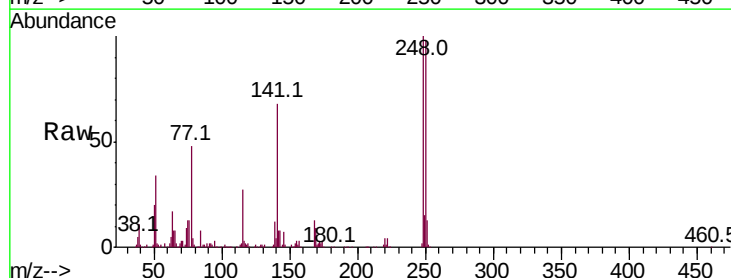
Tgt Ion:248 Resp: 205881

Ion Ratio Lower Upper

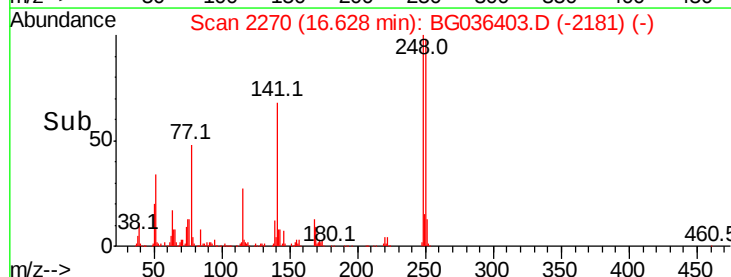
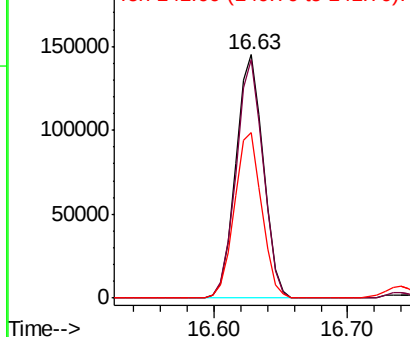
248 100

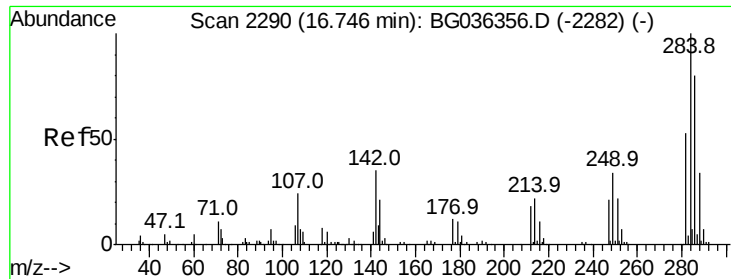
250 98.1 78.1 117.1

141 67.9 53.7 80.5



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

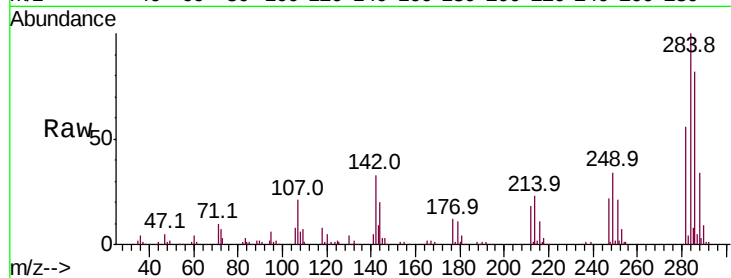




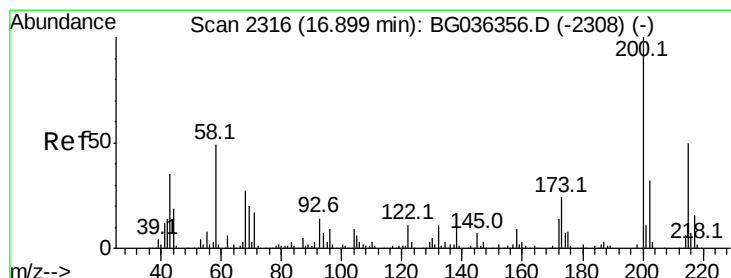
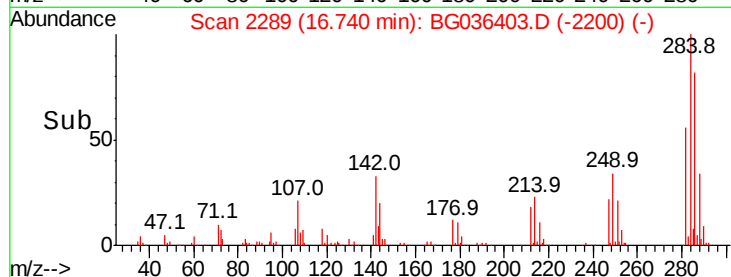
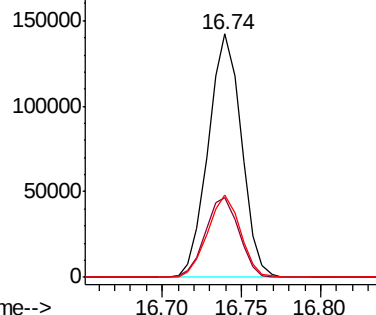
#67
Hexachlorobenzene
Concen: 45.299 ng
RT: 16.74 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BG036403.D
Acq: 24 Aug 2018 7:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	33.0	27.8	41.6
249	33.7	27.4	41.2

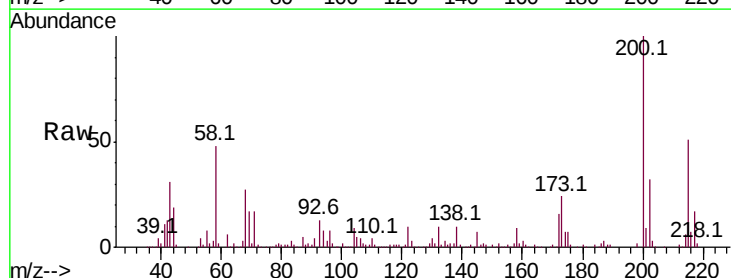


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

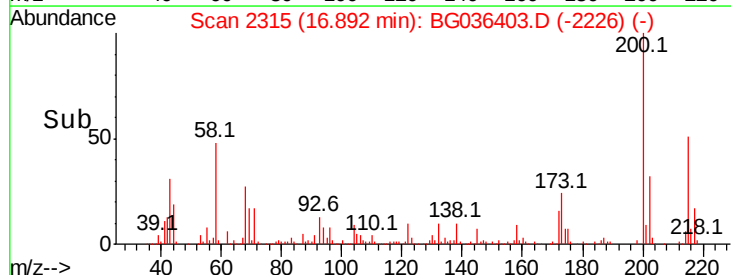
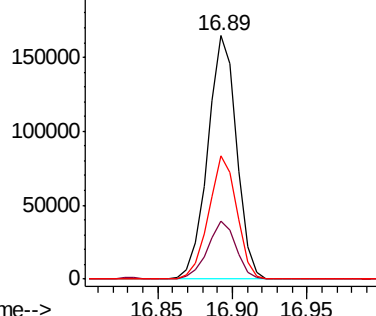


#68
Atrazine
Concen: 51.838 ng
RT: 16.89 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG036403.D
Acq: 24 Aug 2018 7:56

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.1	3.9	43.9
215	50.7	30.4	70.4



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

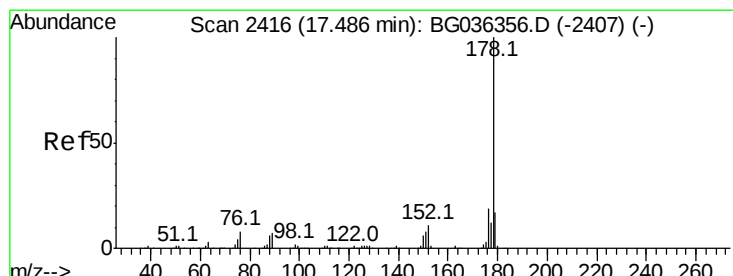
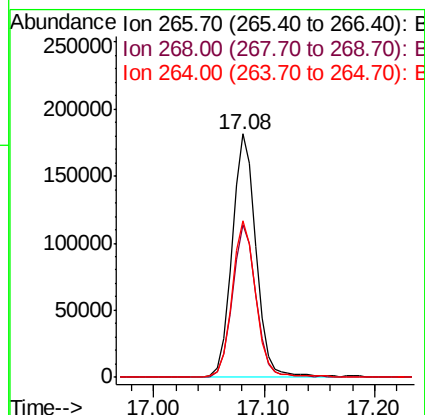
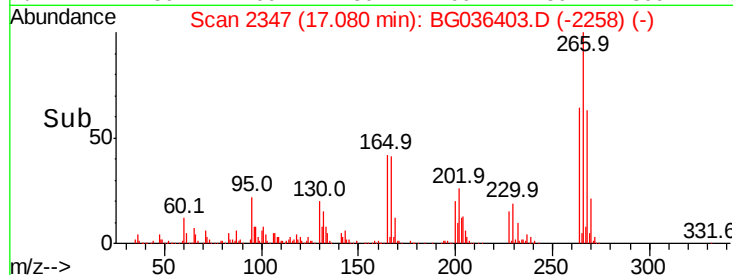
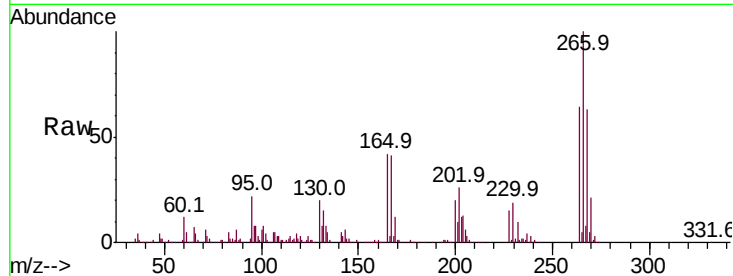




#69
 Pentachlorophenol
 Concen: 89.153 ng
 RT: 17.08 min Scan# 2347
 Delta R.T. -0.01 min
 Lab File: BG036403.D
 Acq: 24 Aug 2018 7:56

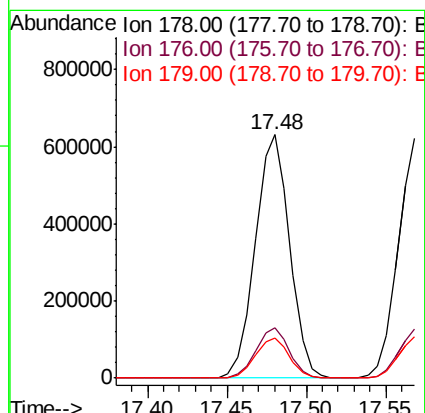
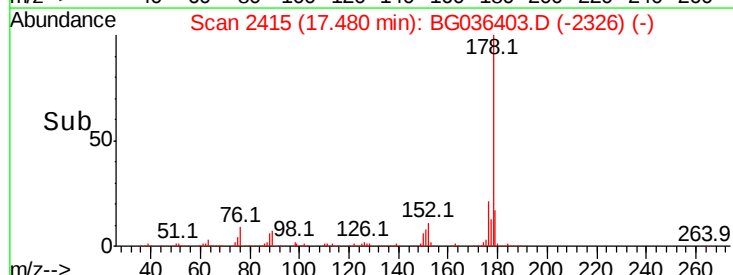
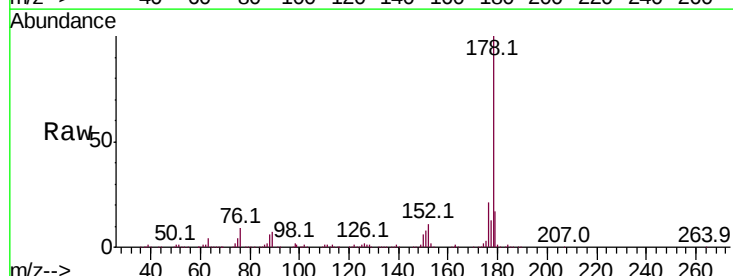
Instrument :
 BNA_G
 ClientSampled :

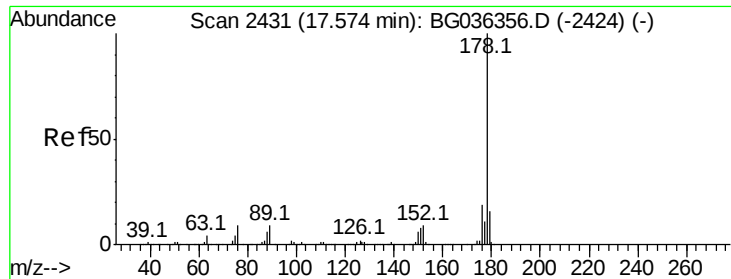
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.8	51.4	77.2
264	64.2	48.9	73.3



#70
 Phenanthrene
 Concen: 48.996 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG036403.D
 Acq: 24 Aug 2018 7:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.4	23.2
179	16.5	13.4	20.2

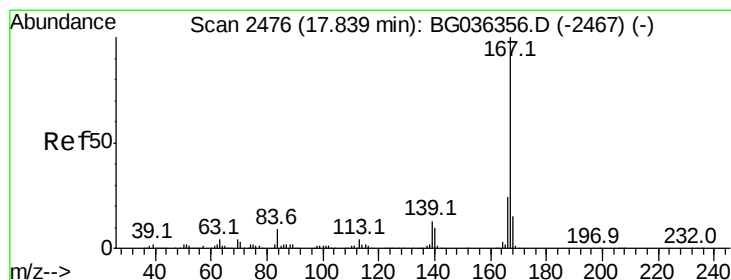
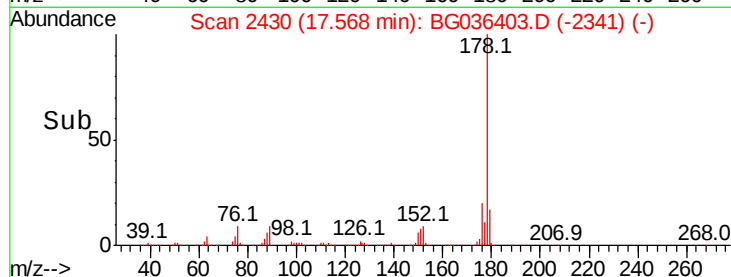
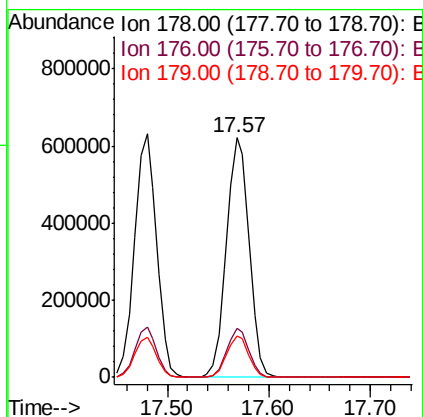
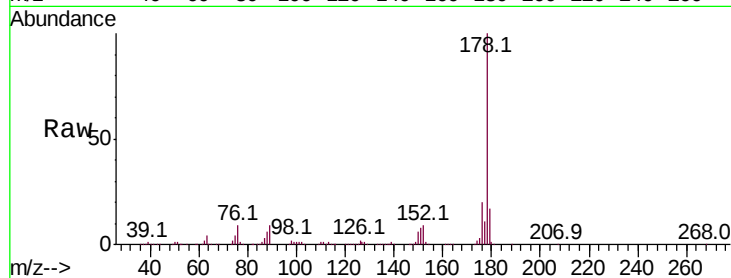




#71
 Anthracene
 Concen: 49.932 ng
 RT: 17.57 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BG036403.D
 Acq: 24 Aug 2018 7:56

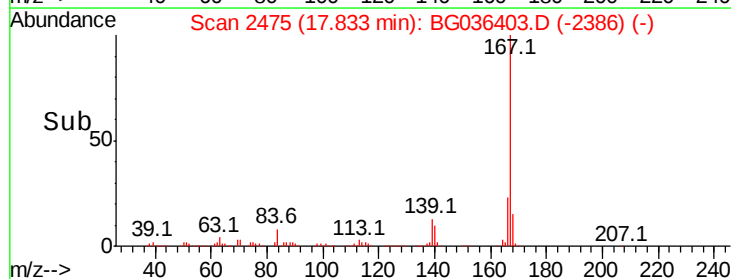
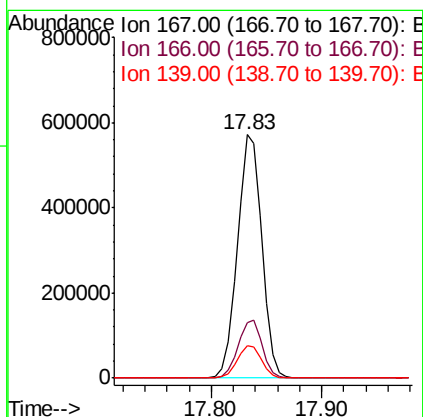
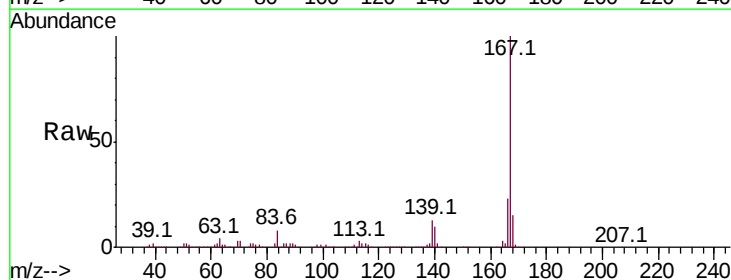
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:178 Resp: 964681
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.4 23.2
 179 17.0 13.0 19.4



#72
 Carbazole
 Concen: 45.973 ng
 RT: 17.83 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BG036403.D
 Acq: 24 Aug 2018 7:56

Tgt Ion:167 Resp: 887038
 Ion Ratio Lower Upper
 167 100
 166 22.9 19.5 29.3
 139 13.4 10.7 16.1





#73

Di-n-butylphthalate

Concen: 47.555 ng

RT: 18.40 min Scan# 2572

Delta R.T. -0.01 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

Instrument :

BNA_G

ClientSampleId :

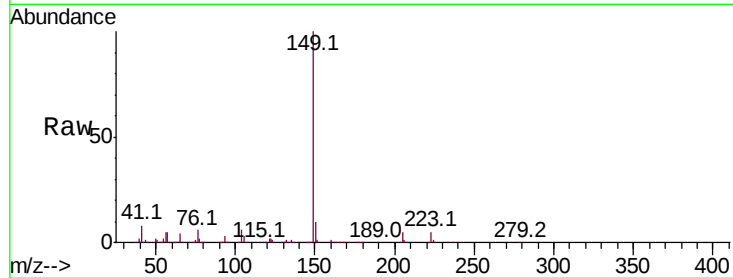
Tot Ion:149 Resp: 1021757

Ion Ratio Lower Upper

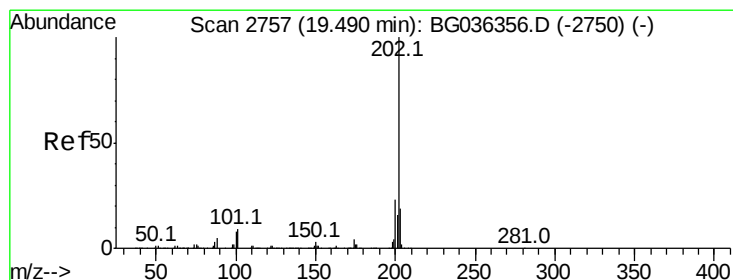
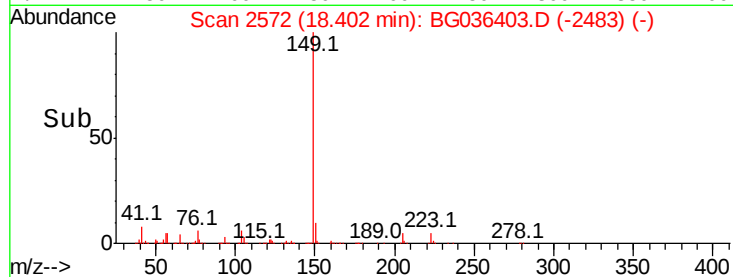
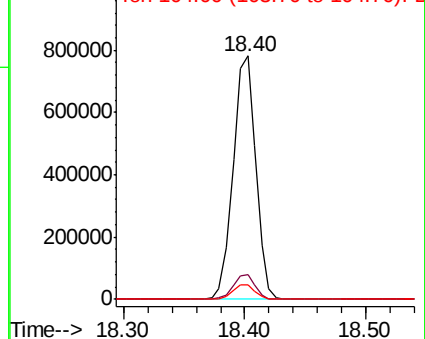
149 100

150 10.2 8.1 12.1

104 6.0 4.6 6.8



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



#74

Fluoranthene

Concen: 50.740 ng

RT: 19.48 min Scan# 2756

Delta R.T. -0.01 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

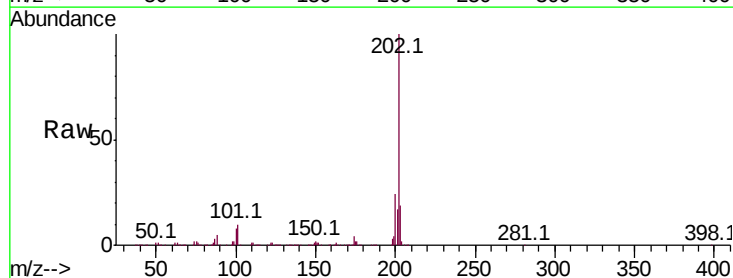
Tgt Ion:202 Resp: 1198988

Ion Ratio Lower Upper

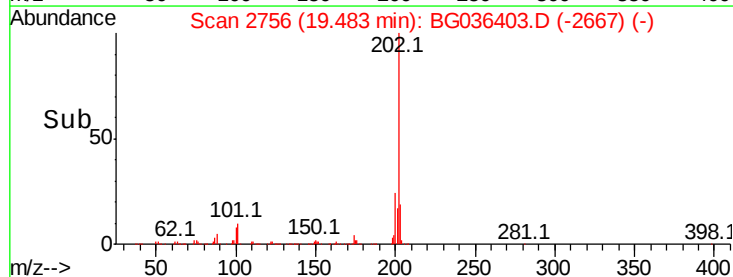
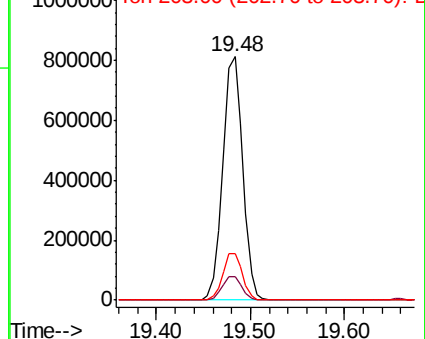
202 100

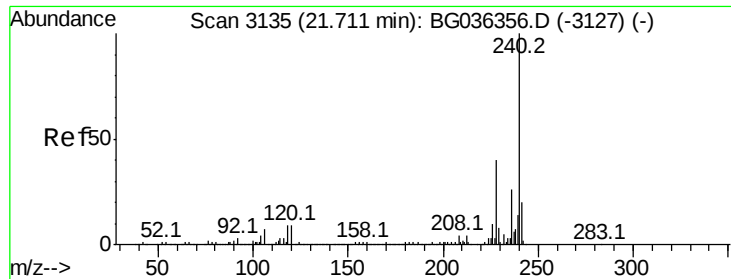
101 9.5 0.0 29.4

203 19.3 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

Instrument :

BNA_G

ClientSampleId :

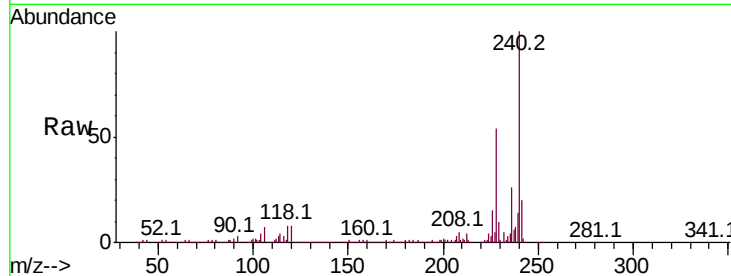
Tot Ion:240 Resp: 398765

Ion Ratio Lower Upper

240 100

120 8.2 6.9 10.3

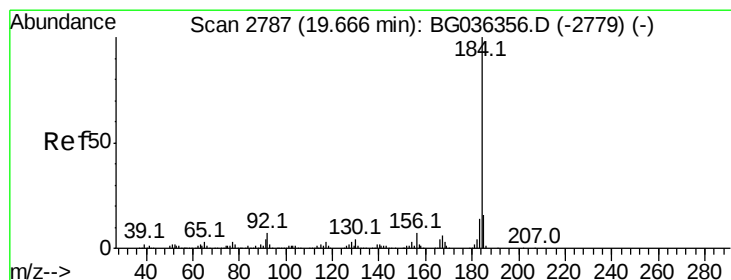
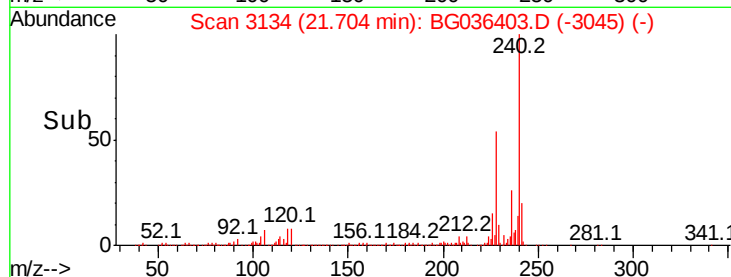
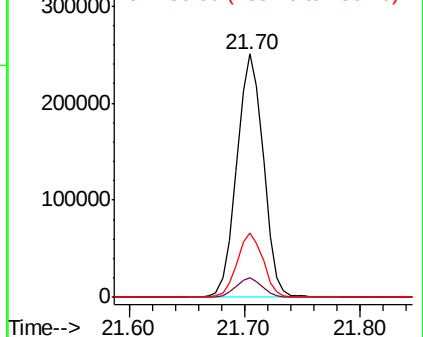
236 26.2 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 56.611 ng

RT: 19.66 min Scan# 2786

Delta R.T. -0.01 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

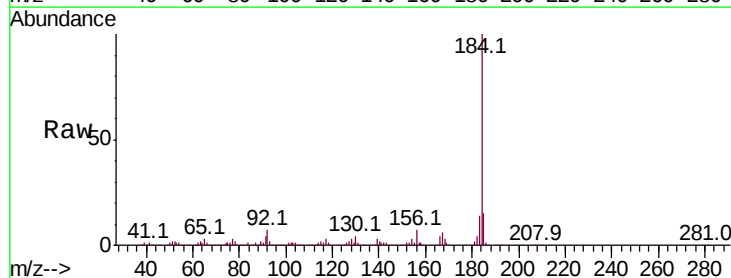
Tgt Ion:184 Resp: 720227

Ion Ratio Lower Upper

184 100

185 15.1 12.6 18.8

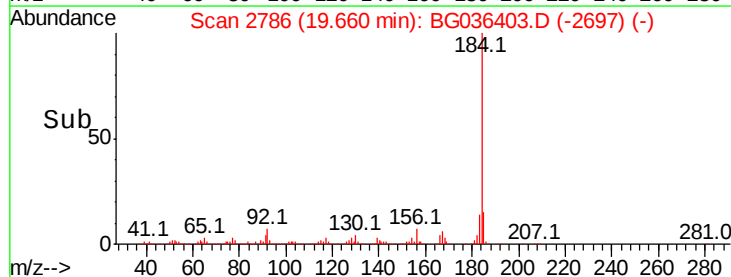
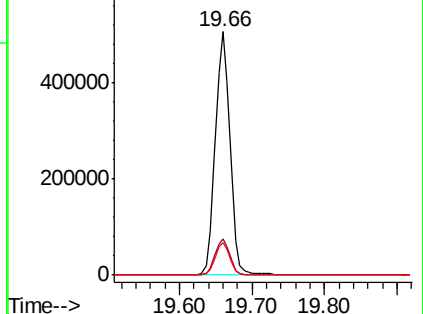
183 13.5 10.9 16.3

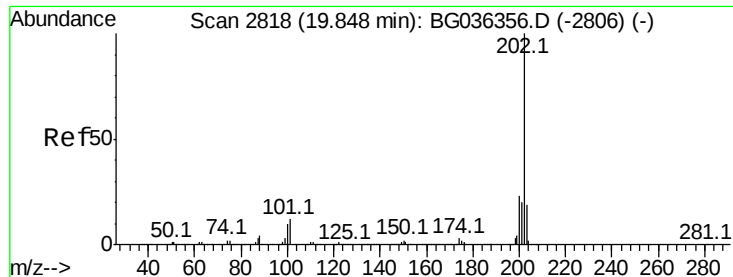


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 47.943 ng

RT: 19.84 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

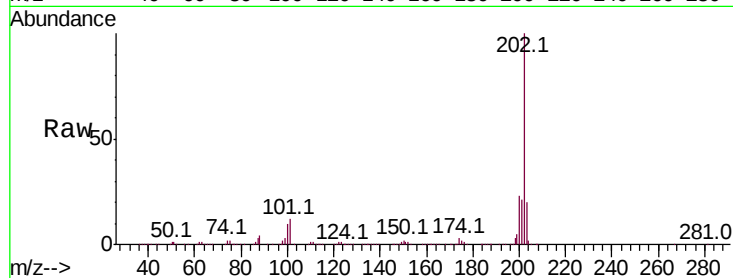
Instrument :

BNA_G

ClientSampled :

Tot Ion:202 Resp: 1175641

Ion	Ratio	Lower	Upper
202	100		
200	23.4	18.3	27.5
203	19.5	15.1	22.7

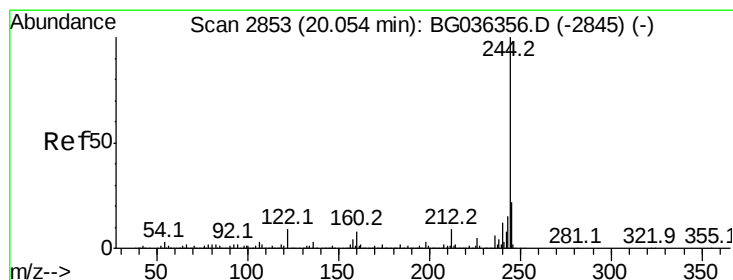
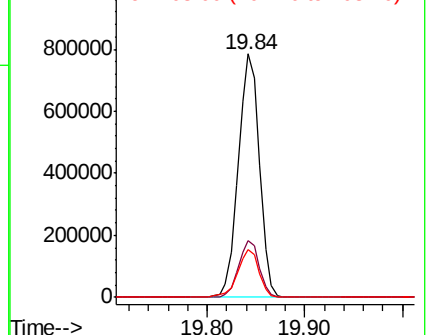
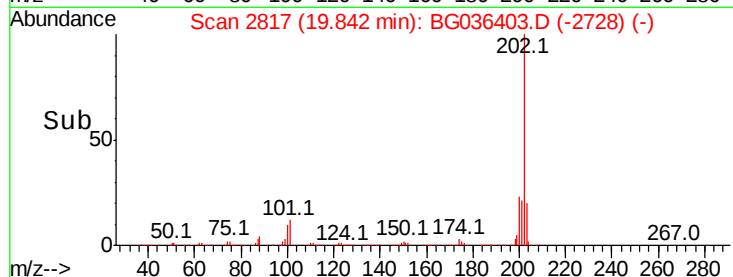


Abundance

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



#78

Terphenyl-d14

Concen: 93.441 ng

RT: 20.04 min Scan# 2851

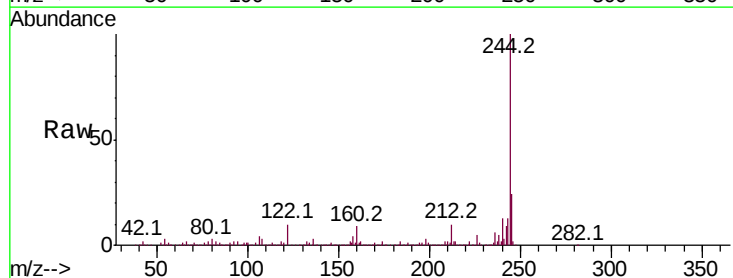
Delta R.T. -0.01 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

Tgt Ion:244 Resp: 1594169

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.0	10.6
122	10.0	7.1	10.7

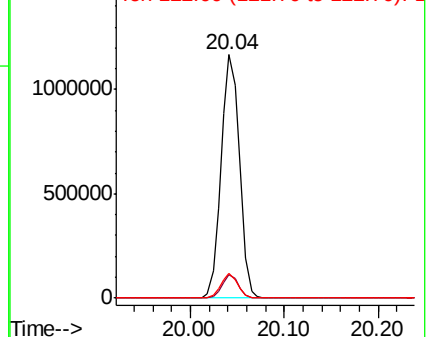
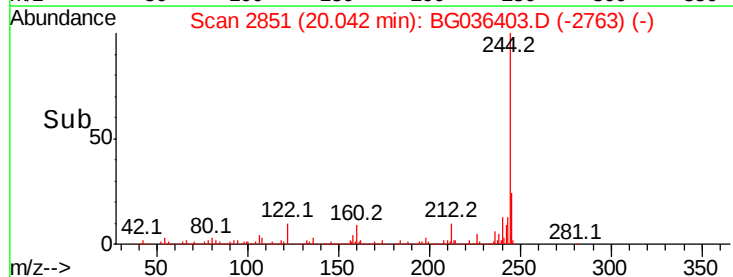


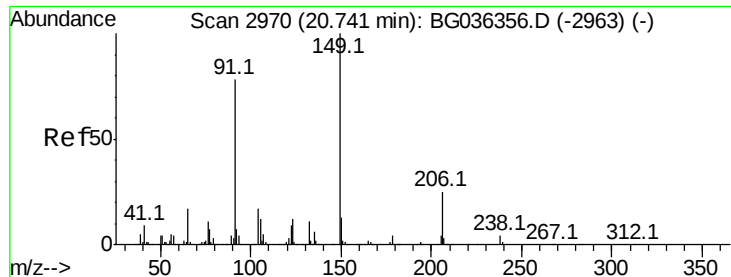
Abundance

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

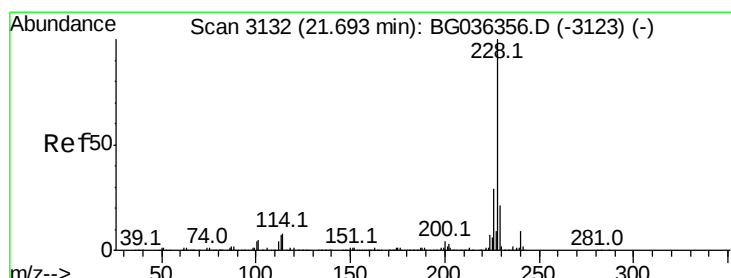
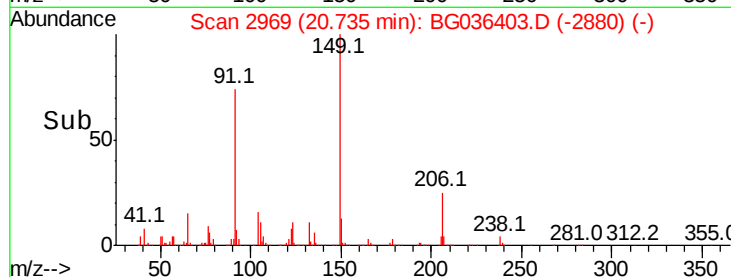
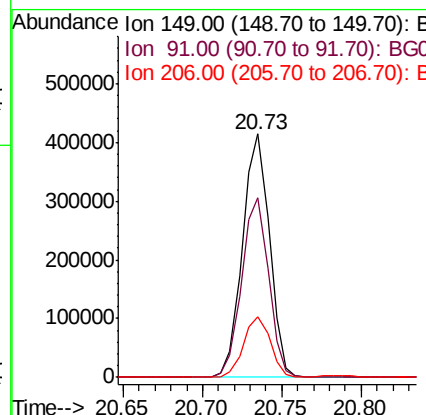
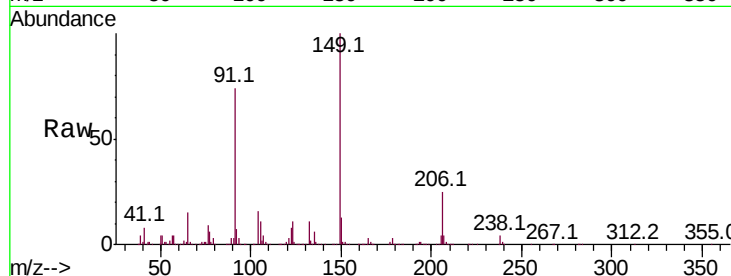




#79
Butylbenzylphthalate
Concen: 50.093 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.01 min
Lab File: BG036403.D
Acq: 24 Aug 2018 7:56

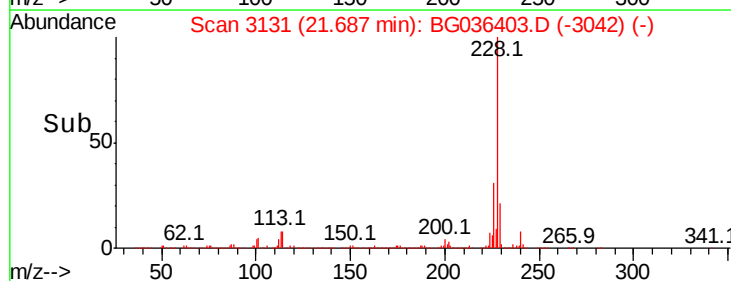
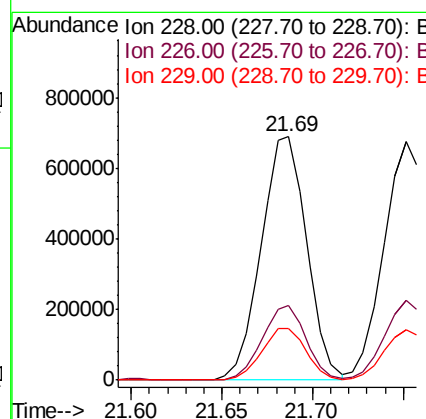
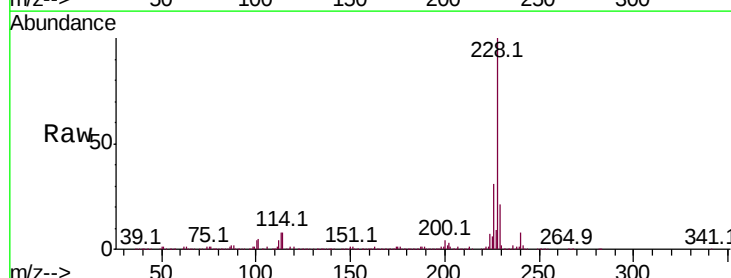
Instrument :
BNA_G
ClientSampled :

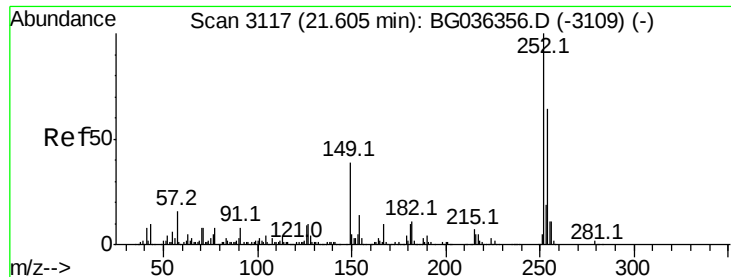
Tot Ion:149 Resp: 488853
Ion Ratio Lower Upper
149 100
91 73.8 62.0 93.0
206 25.1 19.6 29.4



#80
Benzo(a)anthracene
Concen: 49.712 ng
RT: 21.69 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036403.D
Acq: 24 Aug 2018 7:56

Tgt Ion:228 Resp: 1200928
Ion Ratio Lower Upper
228 100
226 30.7 23.4 35.2
229 21.0 17.1 25.7

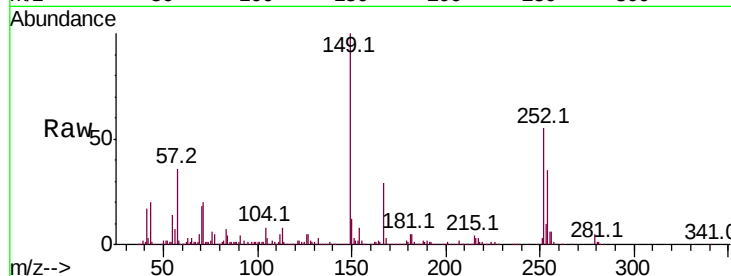




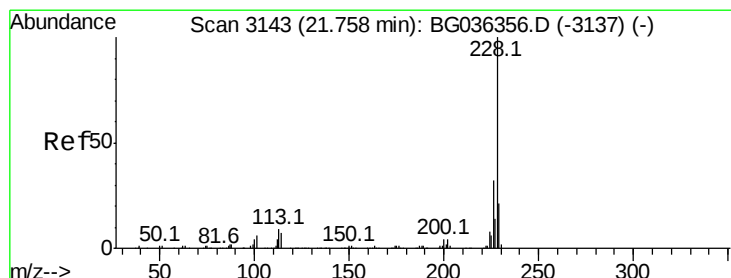
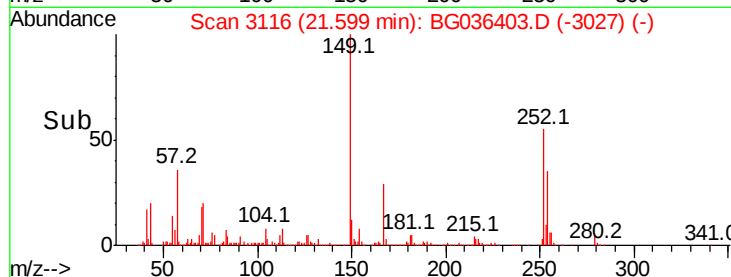
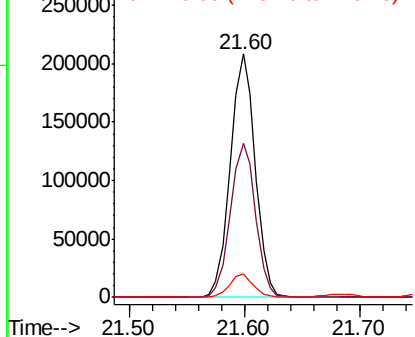
#81
 3,3'-Dichlorobenzidine
 Concen: 32.319 ng
 RT: 21.60 min Scan# 3116
 Delta R.T. -0.01 min
 Lab File: BG036403.D
 Acq: 24 Aug 2018 7:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 311161
 Ion Ratio Lower Upper
 252 100
 254 63.4 51.0 76.4
 126 9.4 7.4 11.0

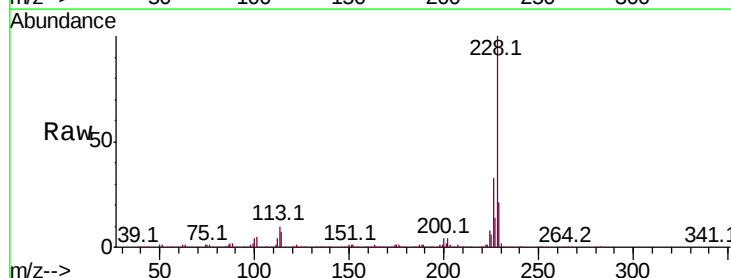


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

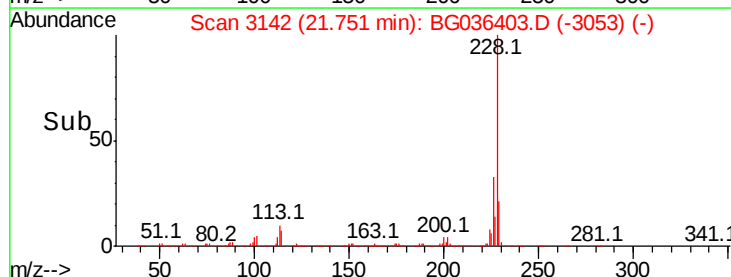
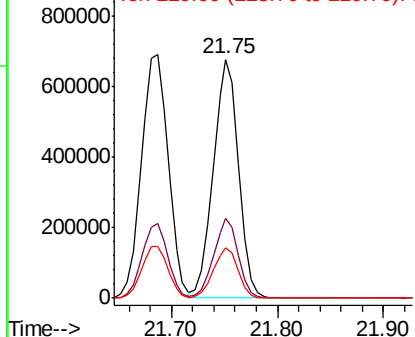


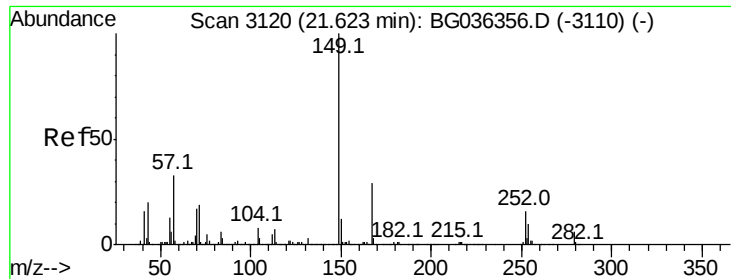
#82
 Chrysene
 Concen: 48.989 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BG036403.D
 Acq: 24 Aug 2018 7:56

Tgt Ion:228 Resp: 1121759
 Ion Ratio Lower Upper
 228 100
 226 33.5 25.5 38.3
 229 20.9 16.9 25.3



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

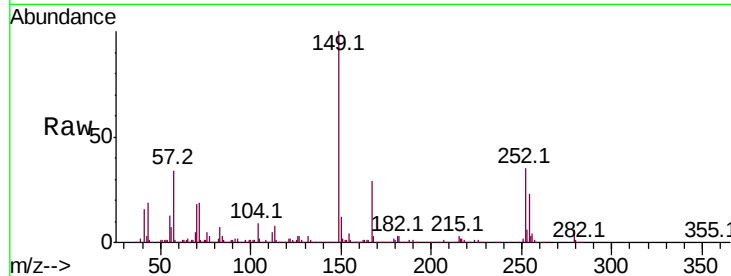




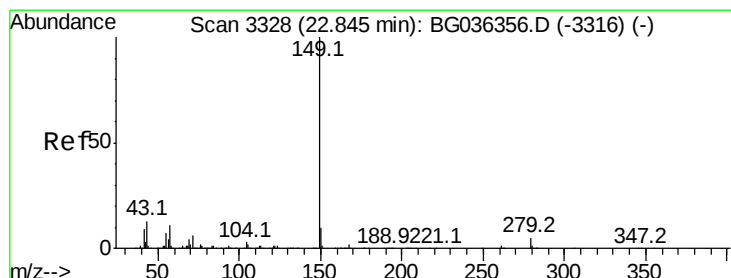
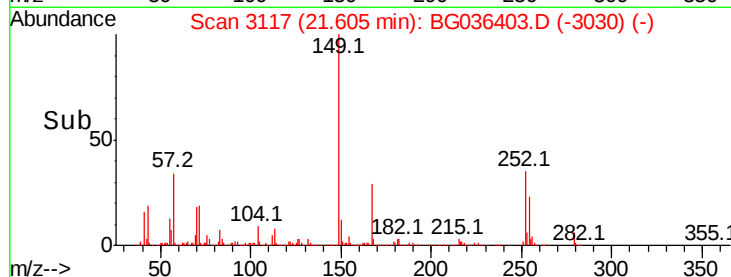
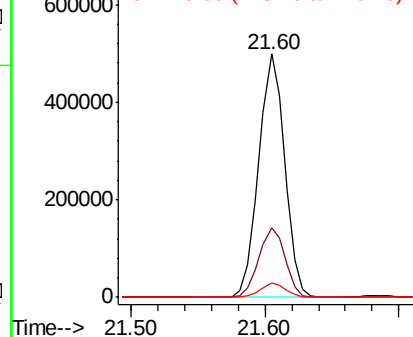
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.836 ng
 RT: 21.60 min Scan# 3117
 Delta R.T. -0.02 min
 Lab File: BG036403.D
 Acq: 24 Aug 2018 7:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 666914
 Ion Ratio Lower Upper
 149 100
 167 28.8 23.4 35.0
 279 6.0 4.6 7.0

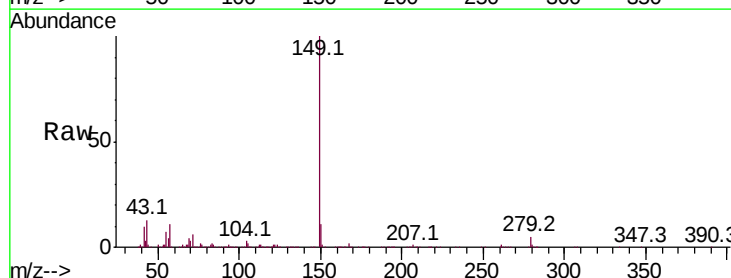


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

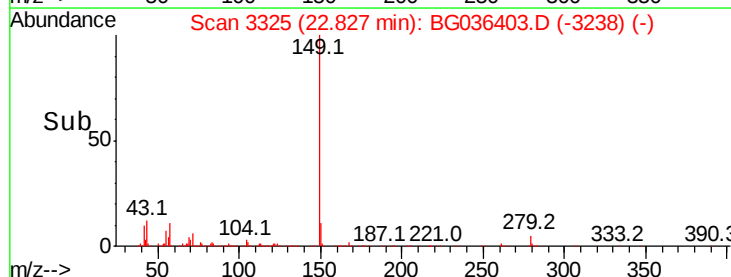
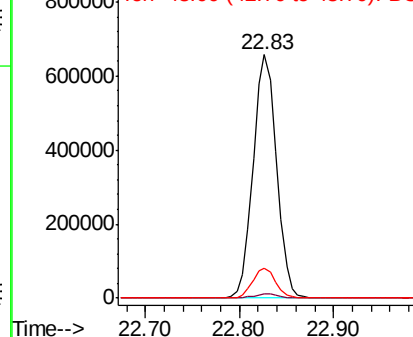


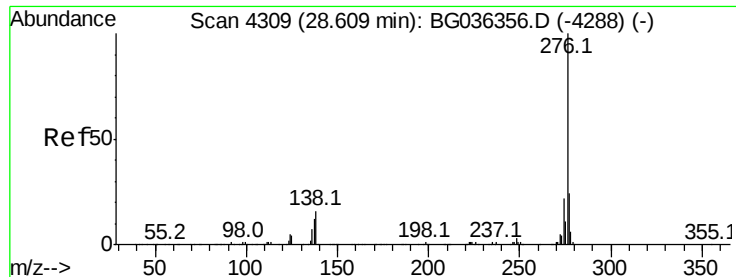
#84
 Di-n-octyl phthalate
 Concen: 49.671 ng
 RT: 22.83 min Scan# 3325
 Delta R.T. -0.02 min
 Lab File: BG036403.D
 Acq: 24 Aug 2018 7:56

Tgt Ion:149 Resp: 1132997
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 12.0 10.0 15.0



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 52.786 ng

RT: 28.59 min Scan# 4306

Delta R.T. -0.02 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

Instrument :

BNA_G

ClientSampleId :

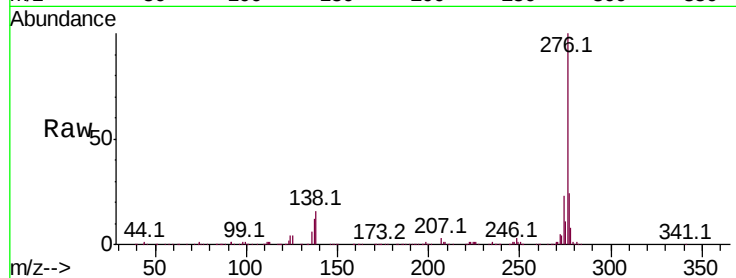
Tot Ion:276 Resp: 1403897

Ion Ratio Lower Upper

276 100

138 13.8 10.6 15.8

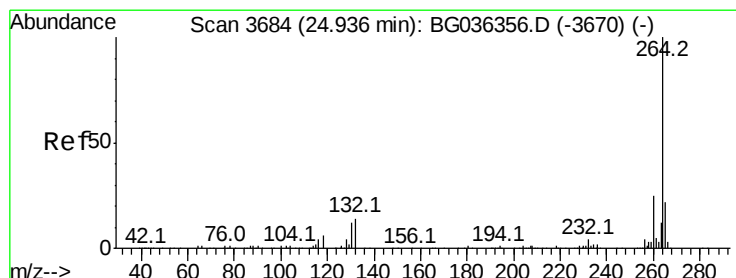
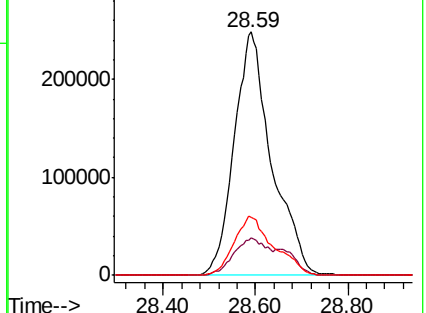
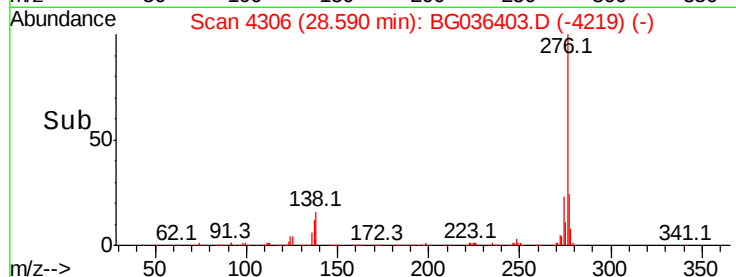
277 25.7 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3682

Delta R.T. -0.01 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

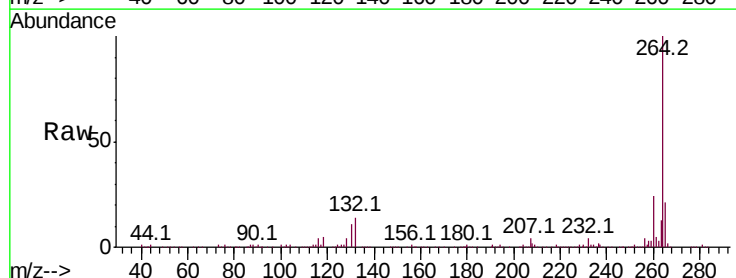
Tgt Ion:264 Resp: 419084

Ion Ratio Lower Upper

264 100

260 24.3 19.6 29.4

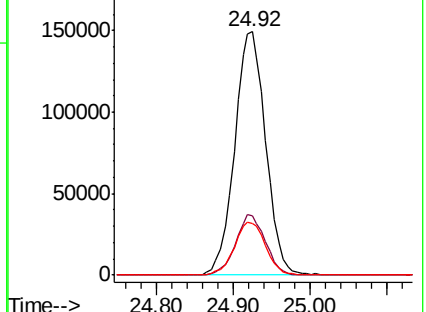
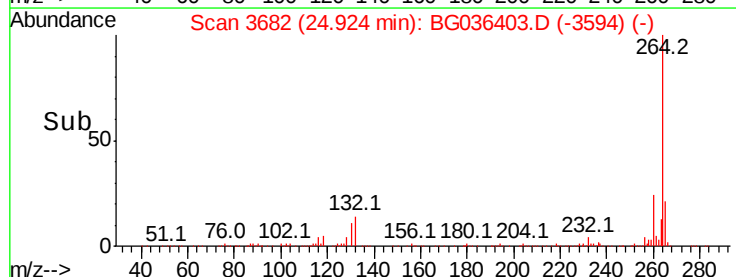
265 21.4 17.4 26.0

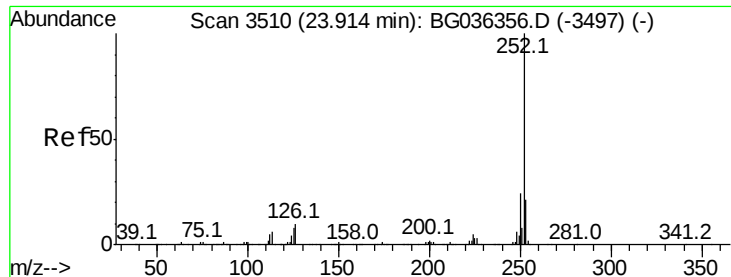


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 52.225 ng

RT: 23.91 min Scan# 3509

Delta R.T. -0.01 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

Instrument :

BNA_G

ClientSampleId :

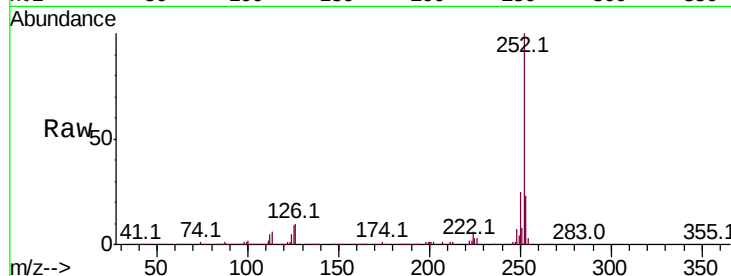
Tot Ion:252 Resp: 1215364

Ion Ratio Lower Upper

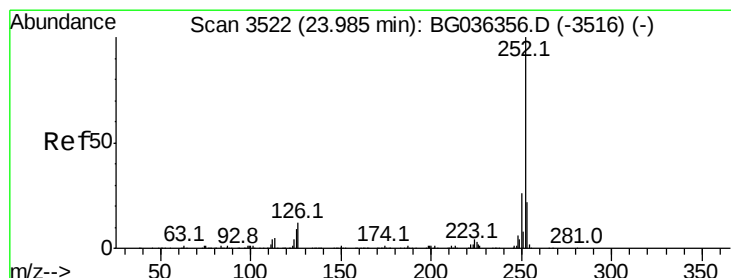
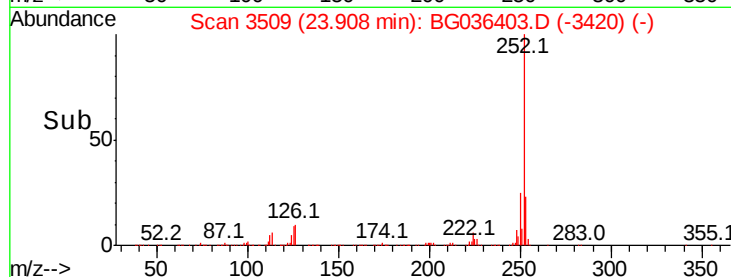
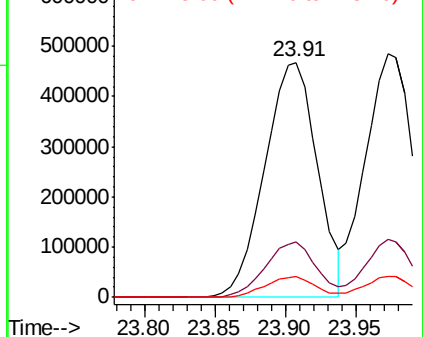
252 100

253 23.4 17.1 25.7

125 8.7 6.6 10.0



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



#88

Benzo(k)fluoranthene

Concen: 50.814 ng

RT: 23.97 min Scan# 3520

Delta R.T. -0.01 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

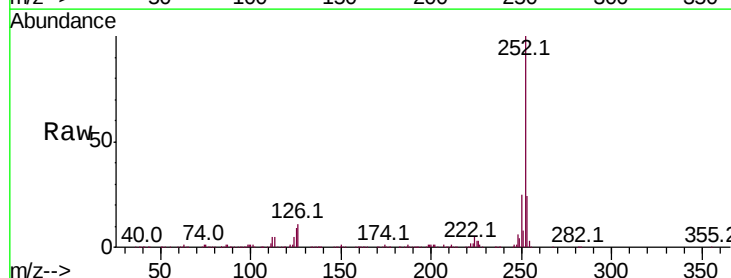
Tgt Ion:252 Resp: 1155288

Ion Ratio Lower Upper

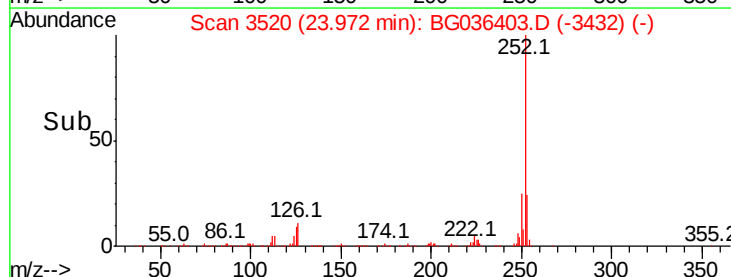
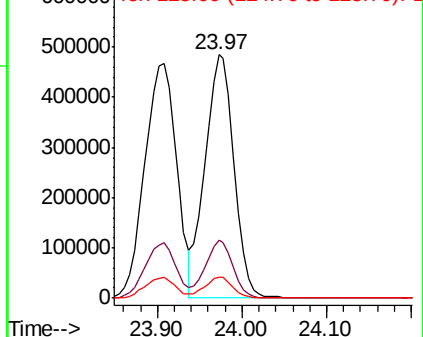
252 100

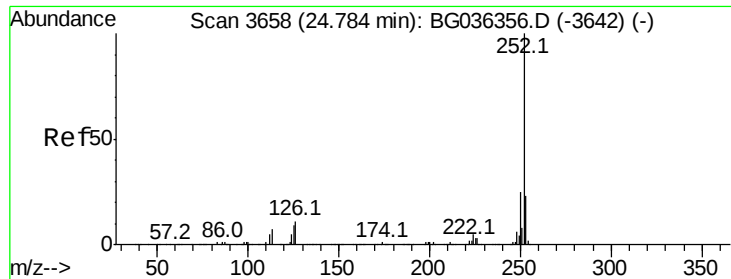
253 23.6 18.0 27.0

125 8.6 7.0 10.6



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(a)pyrene

Concen: 52.794 ng

RT: 24.78 min Scan# 3657

Delta R.T. -0.01 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

Instrument :

BNA_G

ClientSampleId :

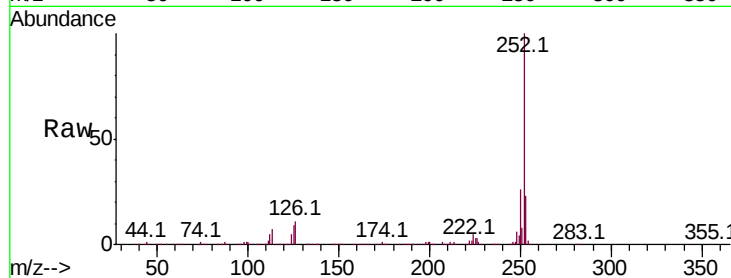
Tot Ion:252 Resp: 1180616

Ion Ratio Lower Upper

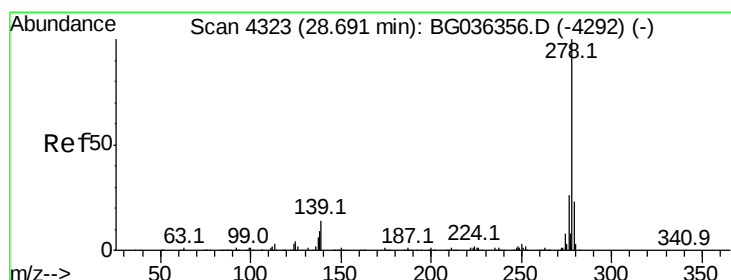
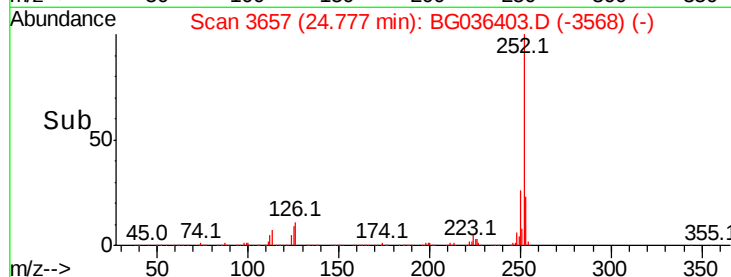
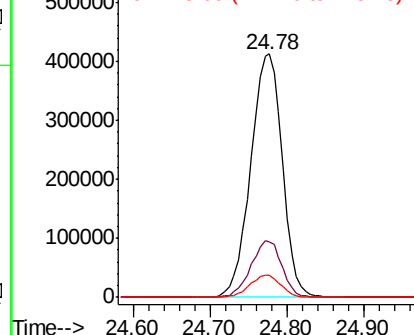
252 100

253 22.9 18.2 27.2

125 9.0 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 52.125 ng

RT: 28.66 min Scan# 4318

Delta R.T. -0.03 min

Lab File: BG036403.D

Acq: 24 Aug 2018 7:56

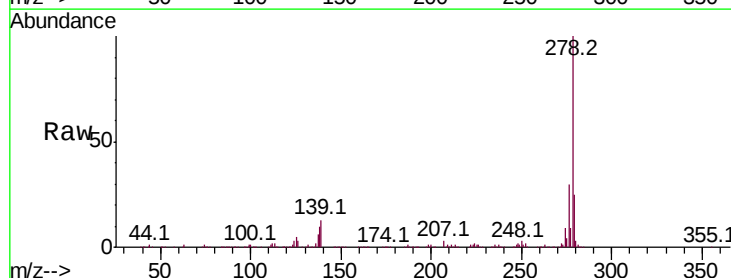
Tgt Ion:278 Resp: 1125304

Ion Ratio Lower Upper

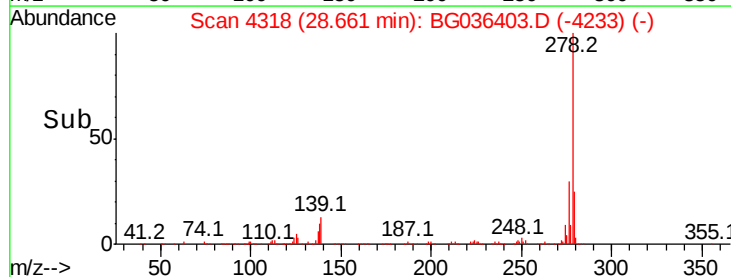
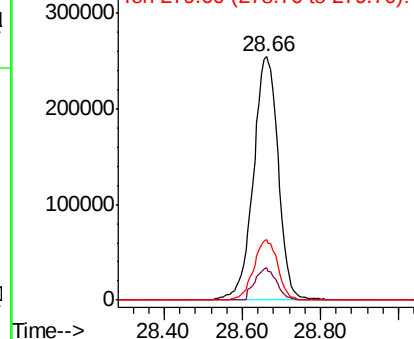
278 100

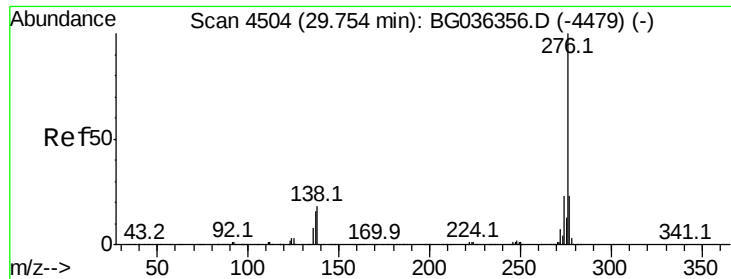
139 13.5 11.0 16.4

279 25.1 18.7 28.1



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





#91
 Benzo(a,h,i)perylene
 Concen: 53.362 ng
 RT: 29.74 min Scan# 4501
 Delta R.T. -0.02 min
 Lab File: BG036403.D
 Acq: 24 Aug 2018 7:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1157685

Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.4	27.6
138	15.9	14.6	22.0

