

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062419\
 Data File : BG041441.D
 Acq On : 25 Jun 2019 3:33
 Operator : HP/JU
 Sample : K3500-02MS
 Misc : MDL-WATER-8.0PPM
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MS

Quant Time: Jun 25 05:10:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	29934	20.00	ng	-0.04
21) Naphthalene-d8	10.87	136	121989	20.00	ng	-0.04
39) Acenaphthene-d10	14.69	164	87101	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	213300	20.00	ng	-0.03
76) Chrysene-d12	21.71	240	211226	20.00	ng	-0.03
87) Perylene-d12	24.99	264	163879	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	102464	62.89	ng	-0.04
7) Phenol-d6	7.20	99	161695	68.47	ng	-0.03
23) Nitrobenzene-d5	9.23	82	115706	39.89	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	84142	62.92	ng	-0.03
45) 2-Fluorobiphenyl	13.31	172	283172	44.19	ng	-0.03
79) Terphenyl-d14	20.03	244	488124	45.80	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	10258	12.557	ng	# 85
3) Pyridine	3.84	79	27880	12.865	ng	98
4) n-Nitrosodimethylamine	3.76	42	18321	15.853	ng	# 88
6) Aniline	7.37	93	37520	11.431	ng	99
8) 2-Chlorophenol	7.61	128	39678	20.728	ng	95
9) Benzaldehyde	7.19	77	29426	19.482	ng	97
10) Phenol	7.23	94	52991	20.868	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	36876	19.139	ng	96
12) 1,3-Dichlorobenzene	7.93	146	44034	18.372	ng	96
13) 1,4-Dichlorobenzene	8.08	146	44807	18.301	ng	90
14) 1,2-Dichlorobenzene	8.40	146	44634	19.087	ng	98
15) Benzyl Alcohol	8.29	79	36480	16.124	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	50300	15.947	ng	96
17) 2-Methylphenol	8.49	107	38744	21.341	ng	99
18) Hexachloroethane	9.12	117	14834	15.289	ng	95
19) n-Nitroso-di-n-propylamine	8.85	70	33986	17.794	ng	99
20) 3+4-Methylphenols	8.82	107	49847	20.625	ng	91
22) Acetophenone	8.88	105	67669	19.062	ng	# 97
24) Nitrobenzene	9.27	77	56142	19.245	ng	97
25) Isophorone	9.78	82	98169	18.447	ng	98
26) 2-Nitrophenol	9.98	139	20931	17.698	ng	98
27) 2,4-Dimethylphenol	10.03	122	38822	21.898	ng	96
28) bis(2-Chloroethoxy)methane	10.26	93	52258	18.847	ng	94
29) 2,4-Dichlorophenol	10.52	162	47659	21.681	ng	95
30) 1,2,4-Trichlorobenzene	10.72	180	56268	19.987	ng	96
31) Naphthalene	10.92	128	133779	20.178	ng	98
32) Benzoic acid	10.03	122	38822	33.640	ng	# 8
33) 4-Chloroaniline	11.04	127	37032	13.152	ng	# 89
34) Hexachlorobutadiene	11.18	225	41932	18.765	ng	94
35) Caprolactam	11.81	113	13003	17.183	ng	# 83
36) 4-Chloro-3-methylphenol	12.15	107	52270	20.587	ng	99
37) 2-Methylnaphthalene	12.52	142	101138	20.712	ng	96
38) 1-Methylnaphthalene	12.74	142	94736	20.278	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	78016	21.691	ng	99

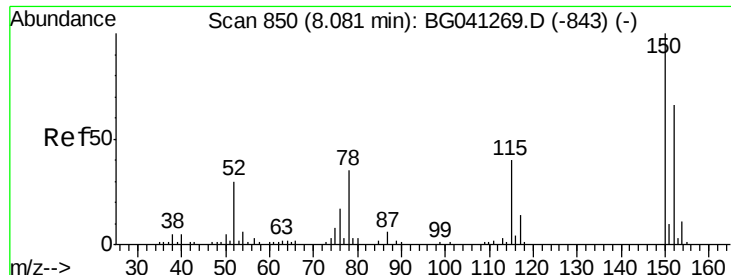
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062419\
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 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	27549	11.371	ng	95
43) 2,4,6-Trichlorophenol	13.12	196	46258	20.791	ng	98
44) 2,4,5-Trichlorophenol	13.20	196	46221	20.190	ng	98
46) 1,1'-Biphenyl	13.52	154	137111	20.822	ng	96
47) 2-Chloronaphthalene	13.57	162	114484	20.194	ng	96
48) 2-Nitroaniline	13.78	65	36607	17.631	ng	# 83
49) Acenaphthylene	14.41	152	177205	20.599	ng	99
50) Dimethylphthalate	14.13	163	187801	24.233	ng	99
51) 2,6-Dinitrotoluene	14.27	165	29893	18.293	ng	94
52) Acenaphthene	14.75	154	101132	20.020	ng	99
53) 3-Nitroaniline	14.60	138	26439	16.422	ng	# 98
54) 2,4-Dinitrophenol	14.83	184	3129	7.348	ng	# 82
55) Dibenzofuran	15.08	168	181222	20.633	ng	98
56) 4-Nitrophenol	14.92	139	37664	32.772	ng	94
57) 2,4-Dinitrotoluene	15.06	165	41367	17.318	ng	# 96
58) Fluorene	15.73	166	137026	19.833	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	45183	19.085	ng	98
60) Diethylphthalate	15.49	149	144544	18.350	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	87034	19.361	ng	96
62) 4-Nitroaniline	15.77	138	30409	17.660	ng	91
63) Azobenzene	16.01	77	132148	18.805	ng	99
65) 4,6-Dinitro-2-methylphenol	15.82	198	7676	5.544	ng	91
66) n-Nitrosodiphenylamine	15.93	169	123956	21.886	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	55782	20.225	ng	96
68) Hexachlorobenzene	16.73	284	58445	19.789	ng	97
69) Atrazine	16.87	200	51182	20.353	ng	94
70) Pentachlorophenol	17.08	266	56570	37.406	ng	99
71) Phenanthrene	17.47	178	234264	20.593	ng	98
72) Anthracene	17.57	178	242342	21.608	ng	97
73) Carbazole	17.84	167	197350	20.115	ng	99
74) Di-n-butylphthalate	18.37	149	237478	19.399	ng	97
75) Fluoranthene	19.48	202	299556	19.821	ng	99
77) Benzidine	19.67	184	105882	20.724	ng	96
78) Pyrene	19.85	202	302760	21.253	ng	100
80) Butylbenzylphthalate	20.71	149	105929	19.659	ng	99
81) Benzo(a)anthracene	21.68	228	281798	19.704	ng	99
82) 3,3'-Dichlorobenzidine	21.60	252	84016	16.735	ng	98
83) Chrysene	21.75	228	292758	21.286	ng	98
84) Bis(2-ethylhexyl)phthalate	21.55	149	150540	20.501	ng	# 98
85) Di-n-octyl phthalate	22.77	149	259156	20.860	ng	97
86) Indeno(1,2,3-cd)pyrene	28.76	276	174082	10.668	ng	# 73
88) Benzo(b)fluoranthene	23.94	252	218708	21.535	ng	97
89) Benzo(k)fluoranthene	24.01	252	224576	22.321	ng	98
90) Benzo(a)pyrene	24.83	252	201803	21.039	ng	98
91) Dibenzo(a,h)anthracene	28.83	278	154097	15.958	ng	99
92) Benzo(g,h,i)perylene	29.96	276	120043	12.579	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.04 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MS

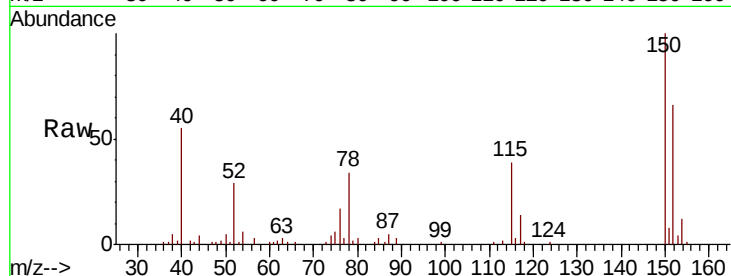
Tgt Ion:152 Resp: 29934

Ion Ratio Lower Upper

152 100

150 150.4 120.6 181.0

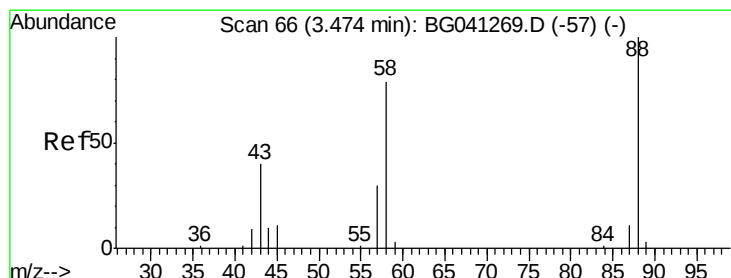
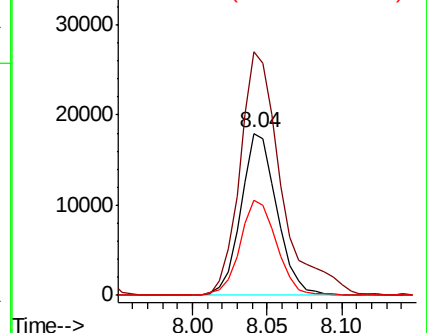
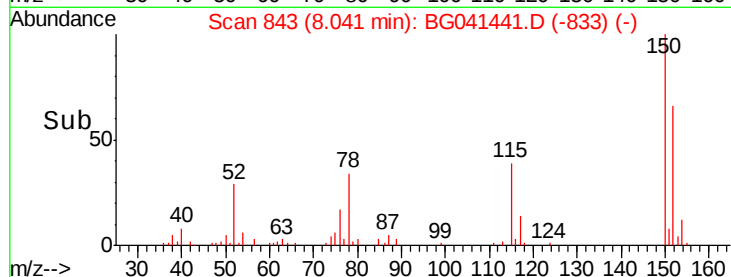
115 58.6 47.9 71.9



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: 12.557 ng

RT: 3.42 min Scan# 57

Delta R.T. -0.05 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

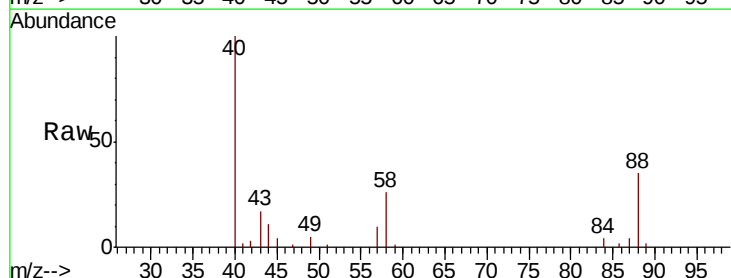
Tgt Ion: 88 Resp: 10258

Ion Ratio Lower Upper

88 100

58 87.5 59.7 89.5

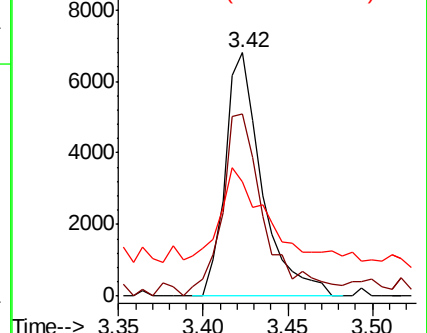
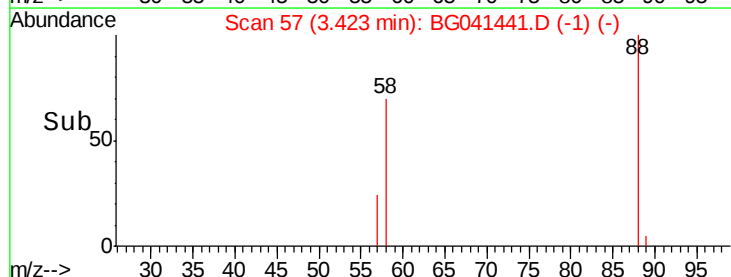
43 48.2 31.9 47.9#

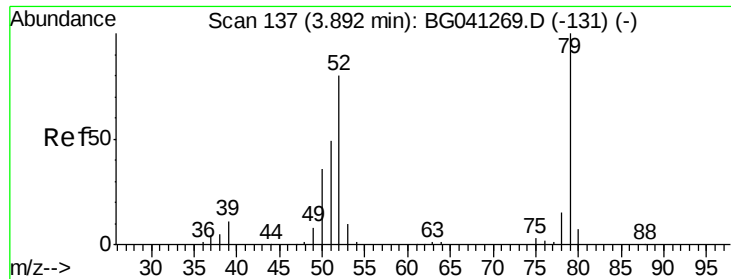


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 12.865 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.05 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MS

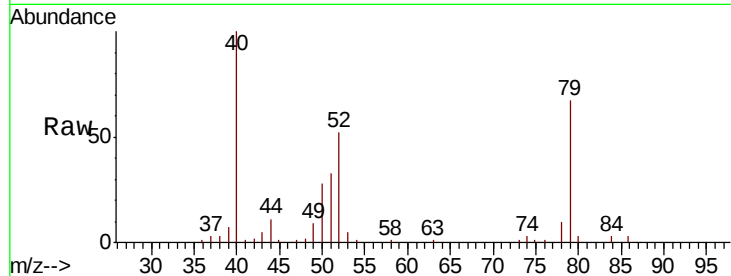
Tgt Ion: 79 Resp: 27880

Ion Ratio Lower Upper

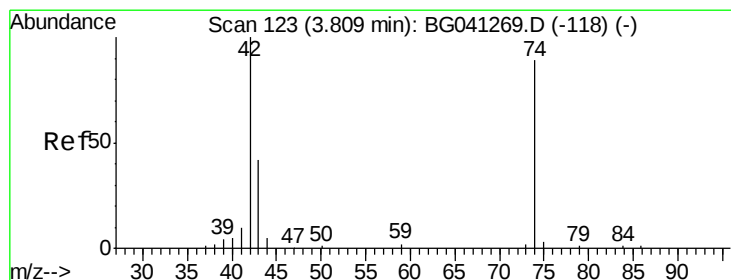
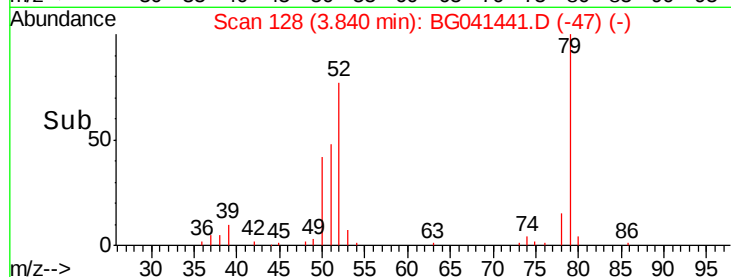
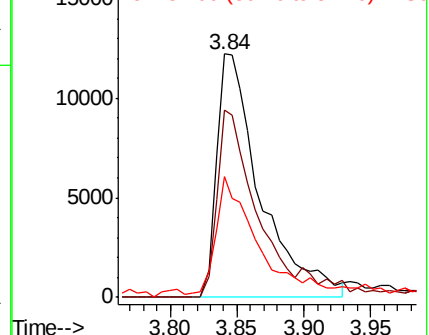
79 100

52 76.9 63.6 95.4

51 49.3 39.8 59.6



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: 15.853 ng

RT: 3.76 min Scan# 115

Delta R.T. -0.05 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

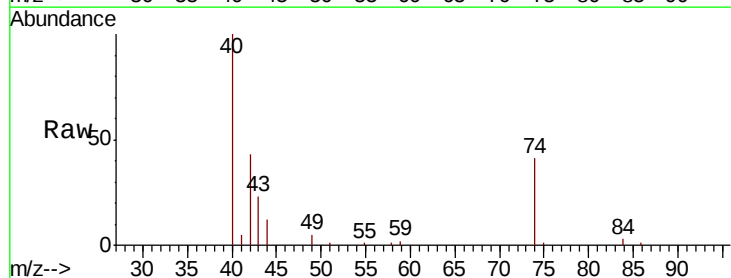
Tgt Ion: 42 Resp: 18321

Ion Ratio Lower Upper

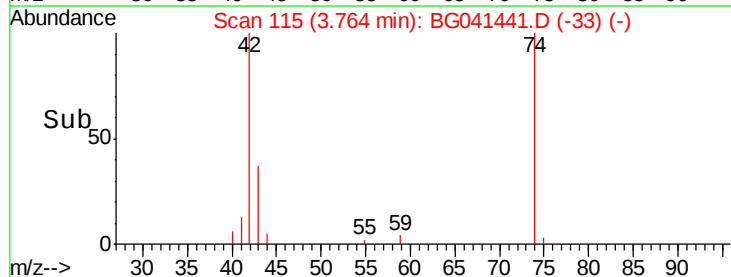
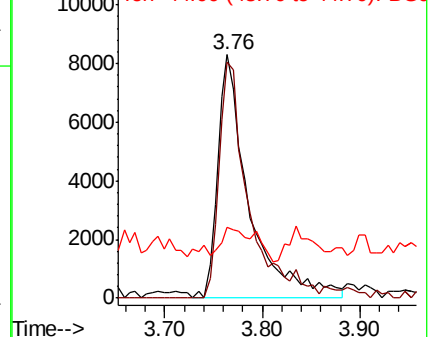
42 100

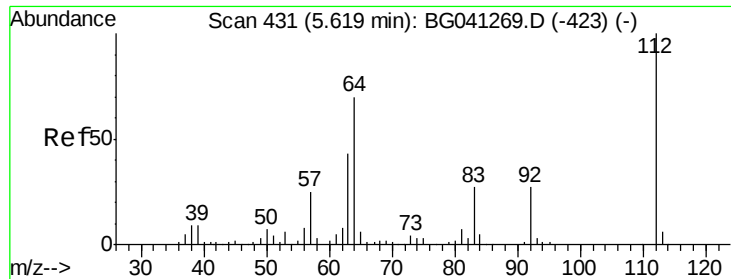
74 96.9 71.6 107.4

44 28.8 9.0 13.4#



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: 62.895 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.04 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

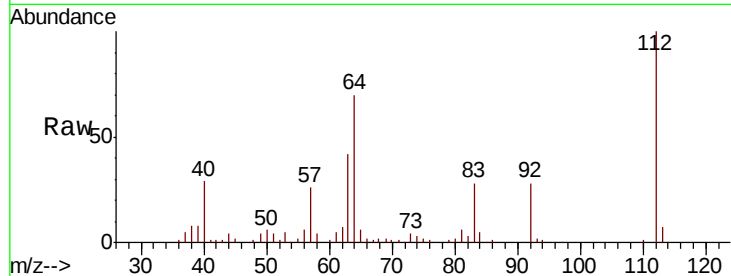
Instrument :

BNA_G

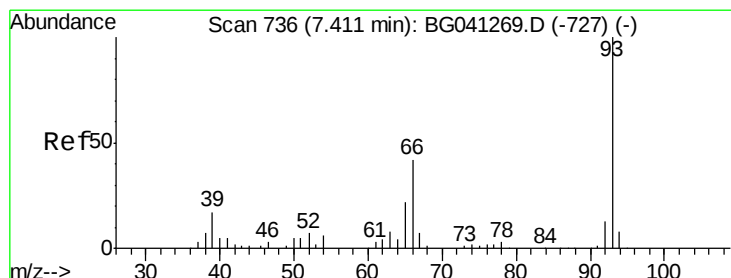
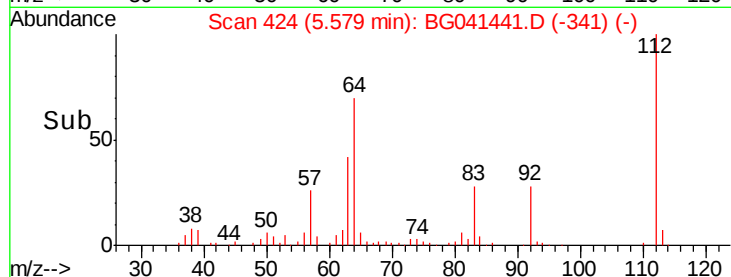
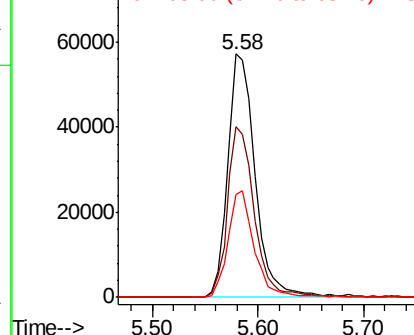
ClientSampleId :

B-2(9-10)MS

Tgt Ion:	112	Resp:	102464
Ion	Ratio	Lower	Upper
112	100		
64	70.1	55.9	83.9
63	42.0	34.6	51.8



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: 11.431 ng

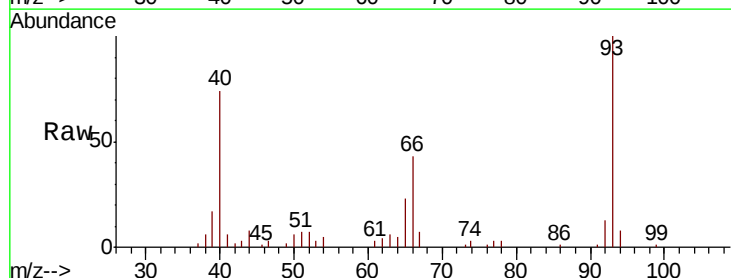
RT: 7.37 min Scan# 729

Delta R.T. -0.04 min

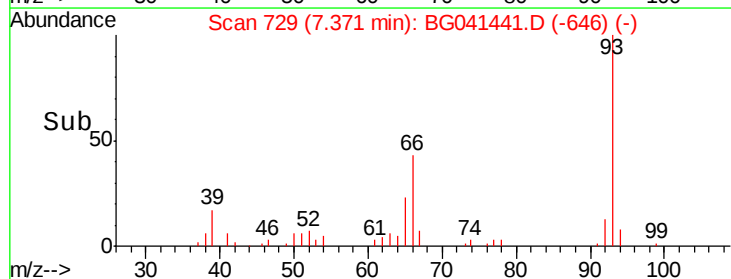
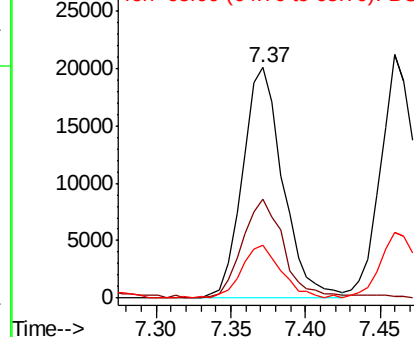
Lab File: BG041441.D

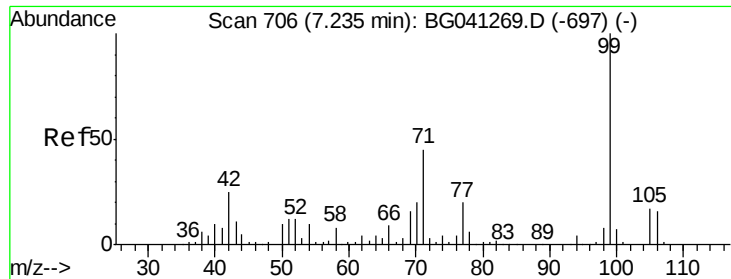
Acq: 25 Jun 2019 3:33

Tgt Ion:	93	Resp:	37520
Ion	Ratio	Lower	Upper
93	100		
66	42.8	34.2	51.2
65	22.8	17.7	26.5



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: 68.473 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MS

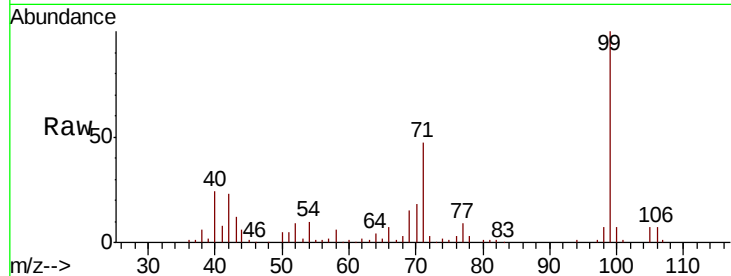
Tgt Ion: 99 Resp: 161695

Ion Ratio Lower Upper

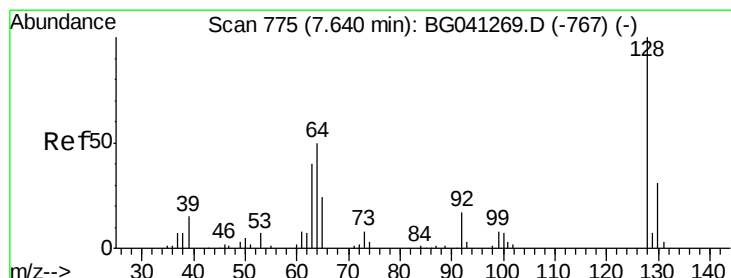
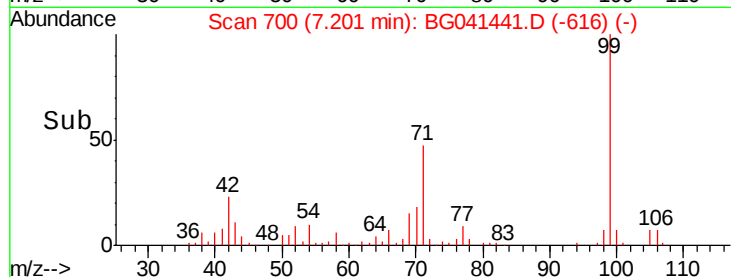
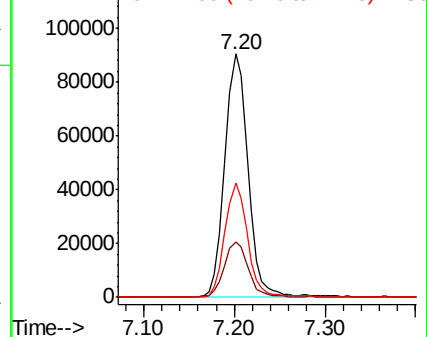
99 100

42 22.9 19.9 29.9

71 47.0 36.4 54.6



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: 20.728 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

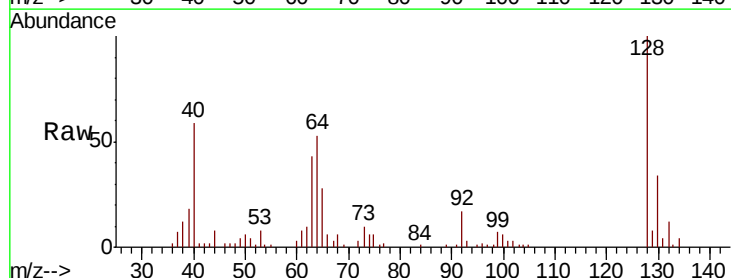
Tgt Ion: 128 Resp: 39678

Ion Ratio Lower Upper

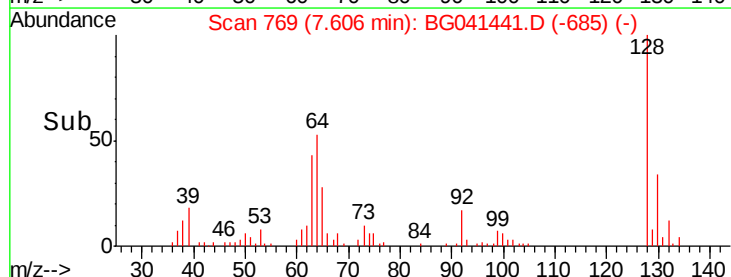
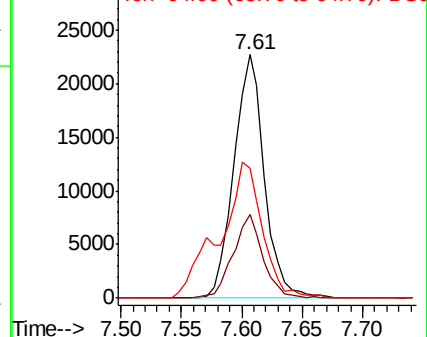
128 100

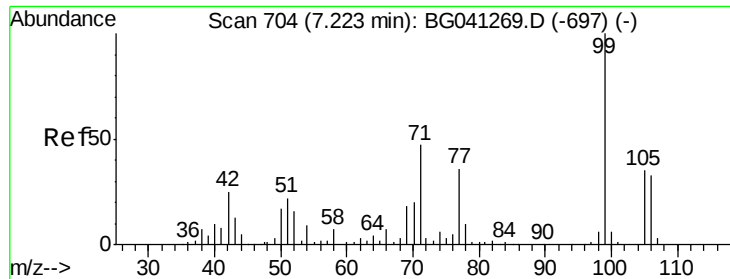
130 34.1 11.1 51.1

64 53.1 36.6 76.6



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





#9

Benzaldehyde

Concen: 19.482 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MS

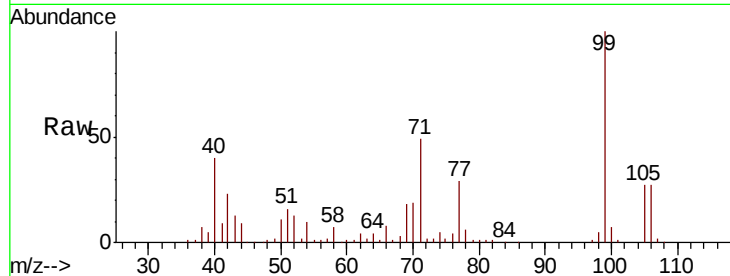
Tgt Ion: 77 Resp: 29426

Ion Ratio Lower Upper

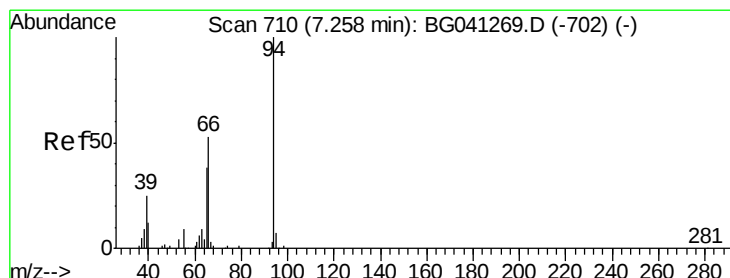
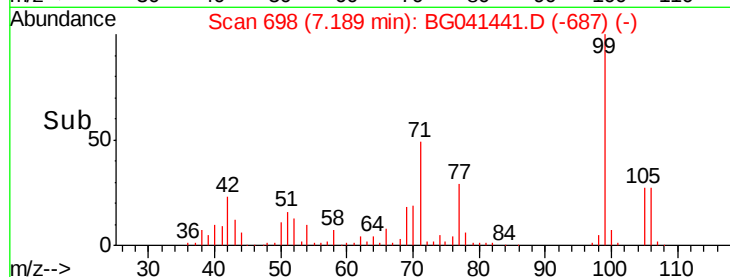
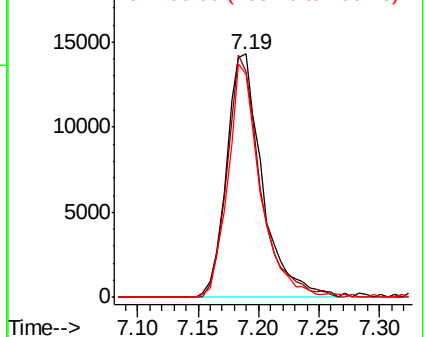
77 100

105 92.8 78.7 118.7

106 91.8 71.1 111.1



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: 20.868 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

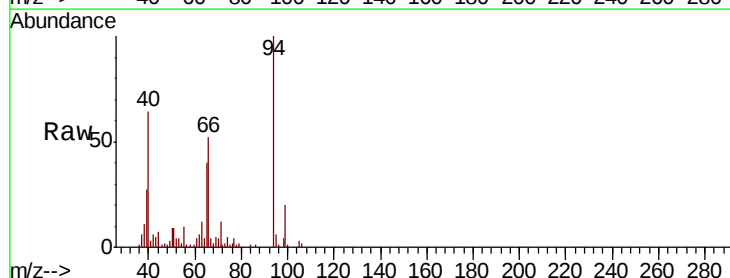
Tgt Ion: 94 Resp: 52991

Ion Ratio Lower Upper

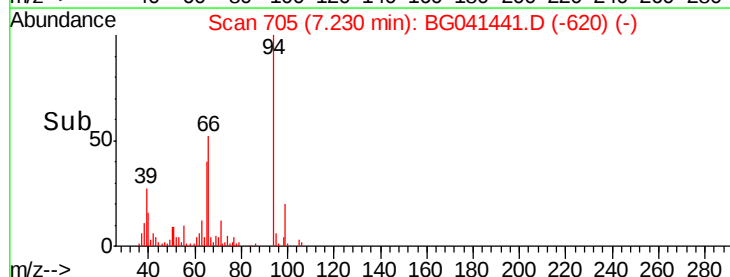
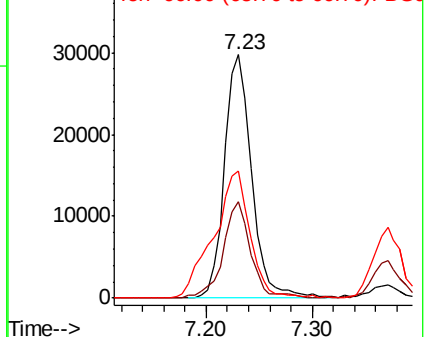
94 100

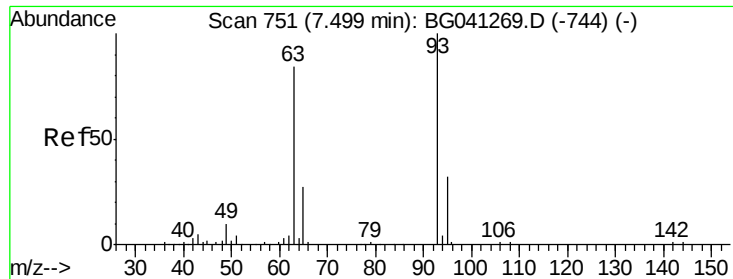
65 39.7 18.7 58.7

66 52.4 35.5 75.5



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

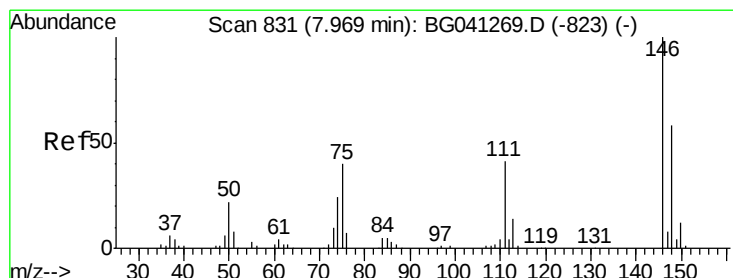
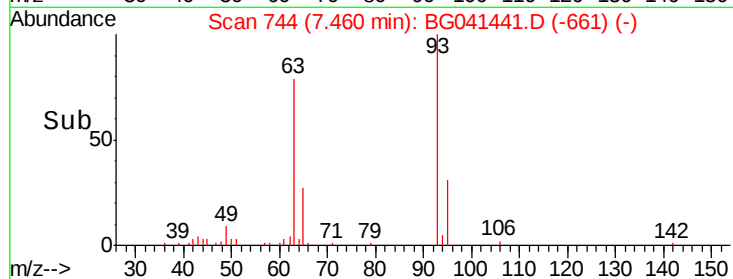
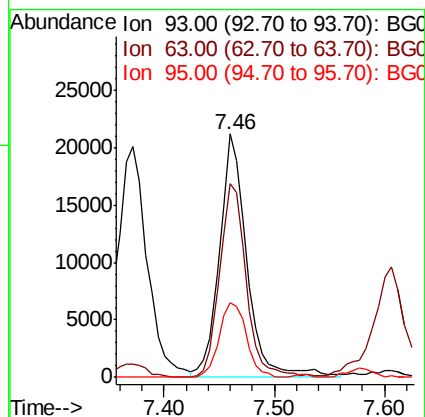
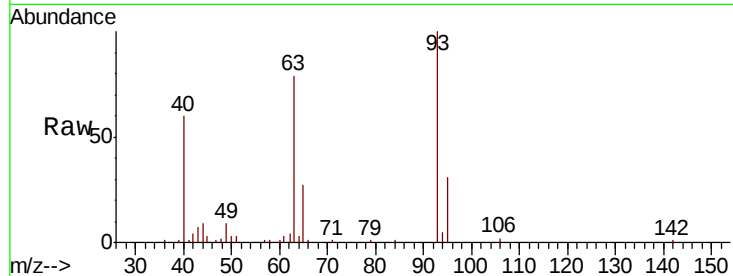




#11
 bis(2-Chloroethyl)ether
 Concen: 19.139 ng
 RT: 7.46 min Scan# 744
 Delta R.T. -0.04 min
 Lab File: BG041441.D
 Acq: 25 Jun 2019 3:33

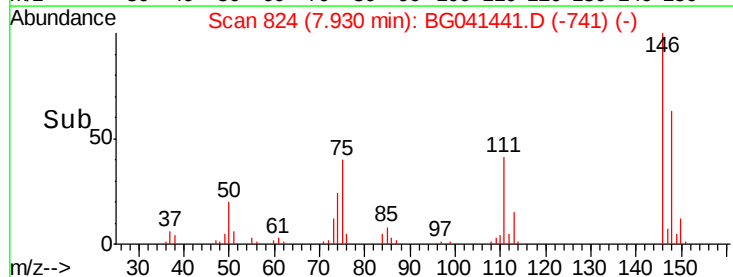
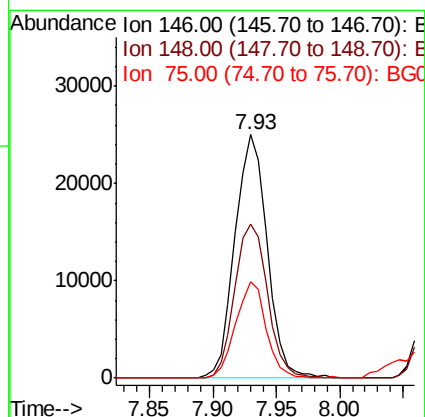
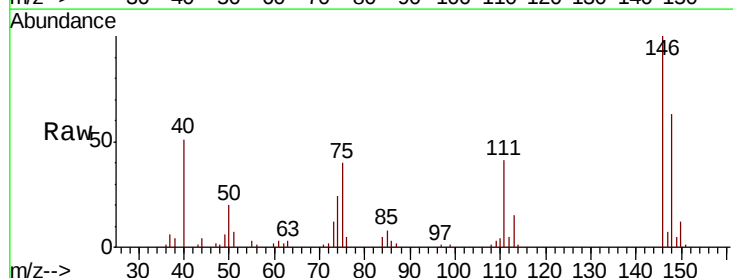
Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MS

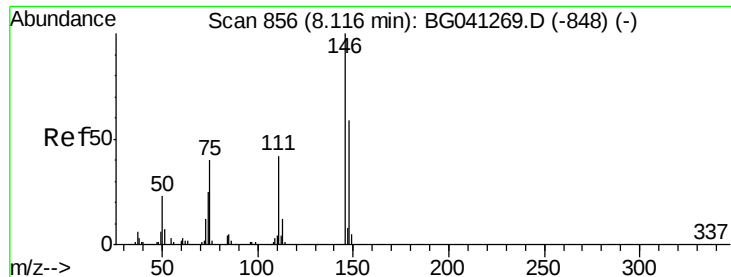
Tgt Ion: 93 Resp: 36876
 Ion Ratio Lower Upper
 93 100
 63 79.4 63.6 103.6
 95 30.8 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 18.372 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.04 min
 Lab File: BG041441.D
 Acq: 25 Jun 2019 3:33

Tgt Ion: 146 Resp: 44034
 Ion Ratio Lower Upper
 146 100
 148 63.1 46.5 69.7
 75 39.6 32.2 48.4





#13

1,4-Dichlorobenzene

Concen: 18.301 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MS

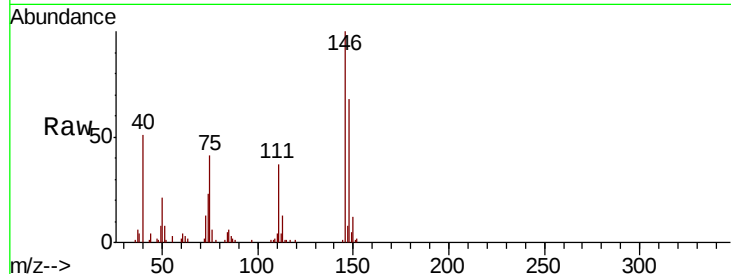
Tgt Ion:146 Resp: 44807

Ion Ratio Lower Upper

146 100

148 67.7 47.3 70.9

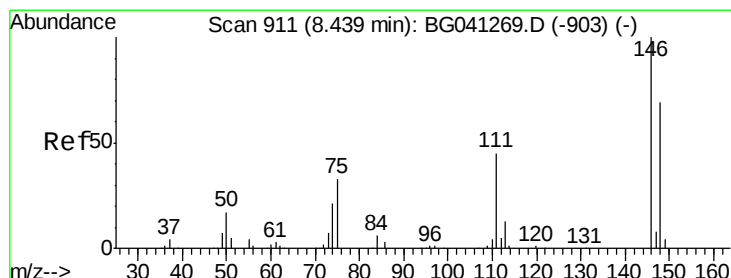
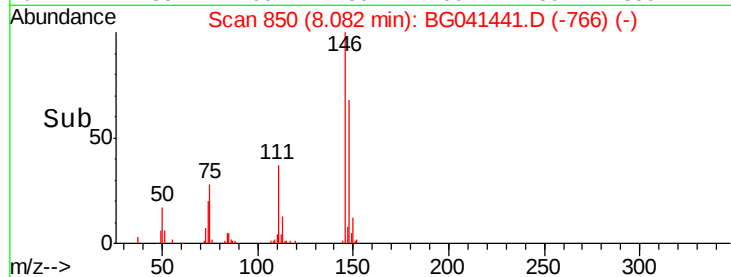
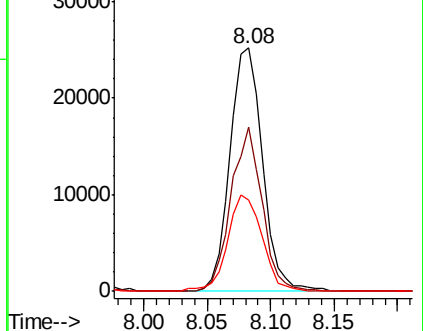
111 37.4 33.4 50.0



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: 19.087 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.04 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

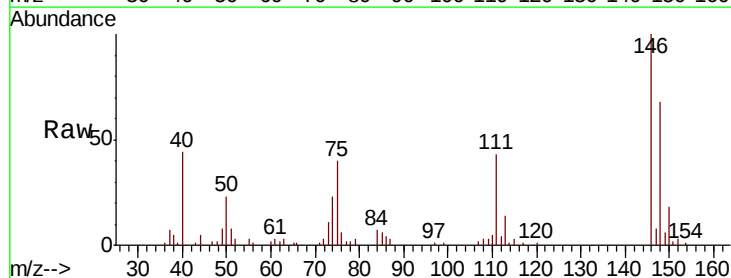
Tgt Ion:146 Resp: 44634

Ion Ratio Lower Upper

146 100

148 68.3 54.9 82.3

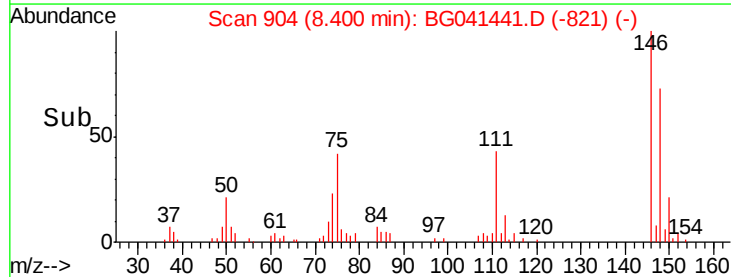
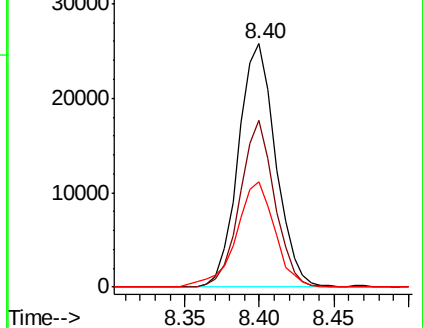
111 43.3 37.0 55.6

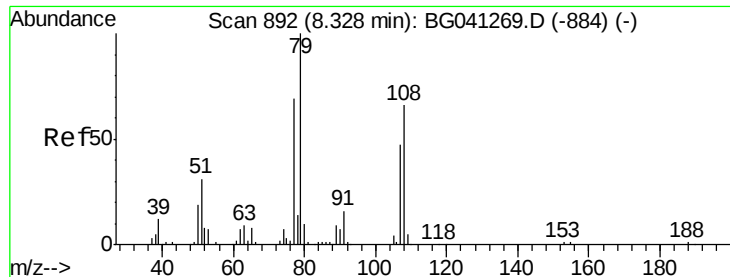


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 16.124 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.04 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MS

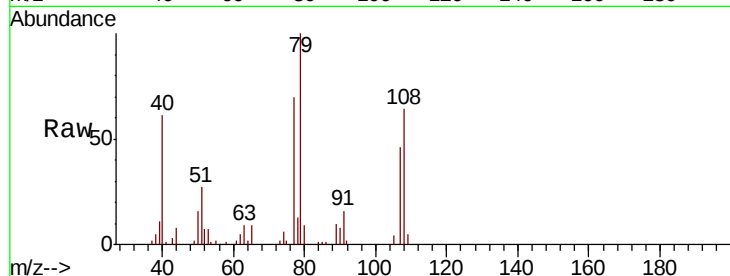
Tgt Ion: 79 Resp: 36480

Ion Ratio Lower Upper

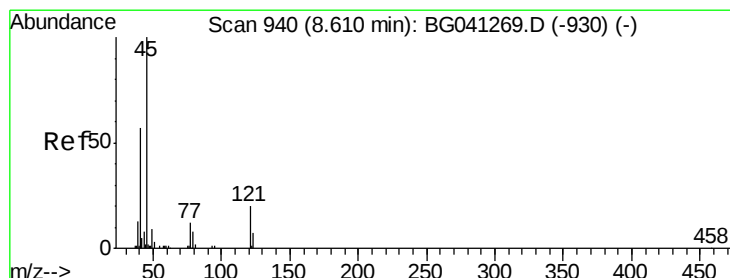
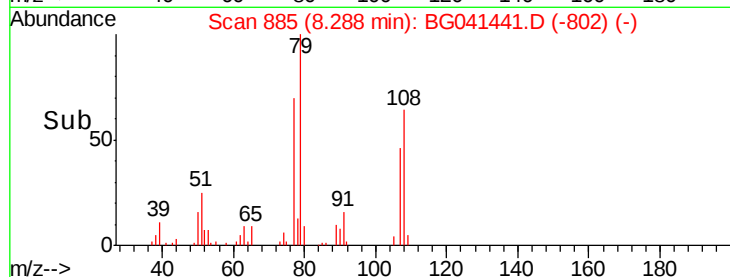
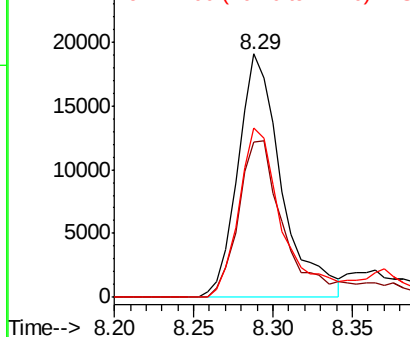
79 100

108 63.6 52.7 79.1

77 69.6 55.2 82.8



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: 15.947 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.05 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

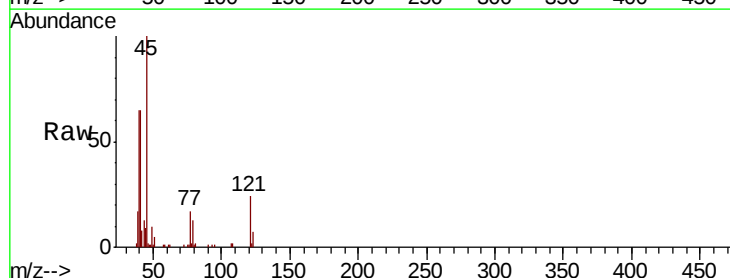
Tgt Ion: 45 Resp: 50300

Ion Ratio Lower Upper

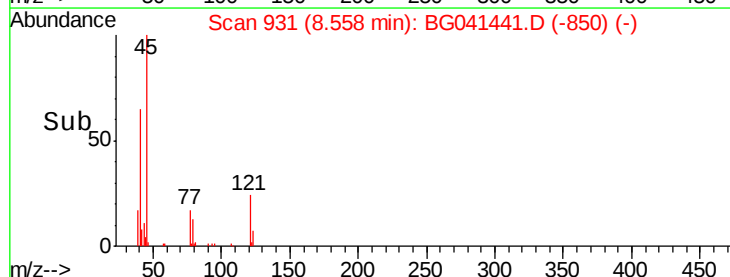
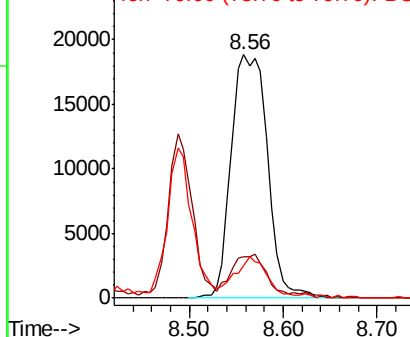
45 100

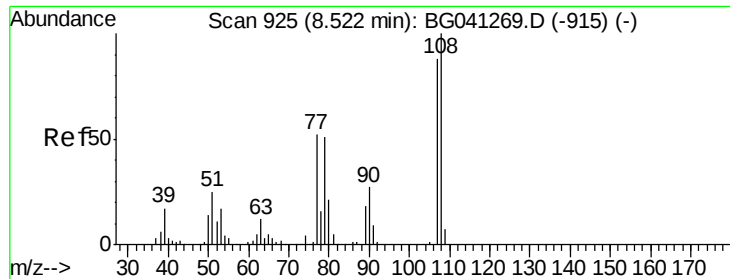
77 16.7 0.0 35.2

79 13.2 0.0 31.6



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

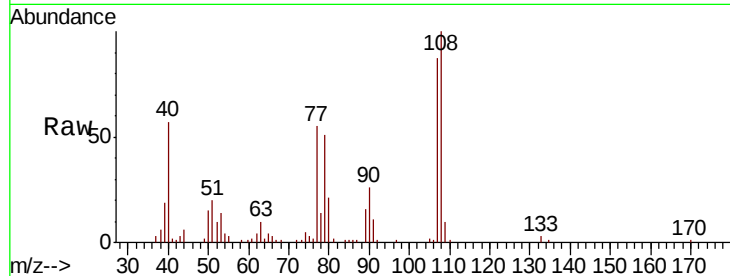




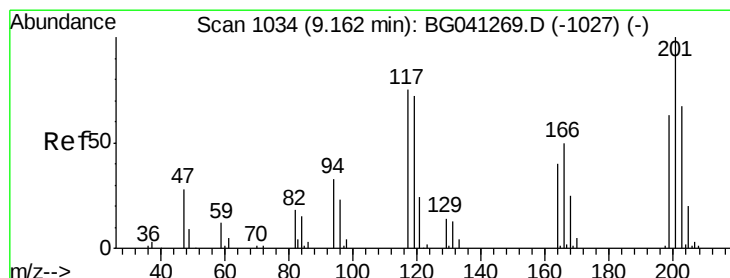
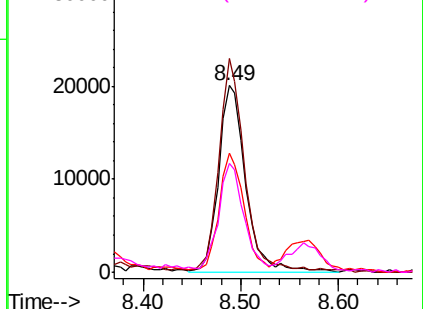
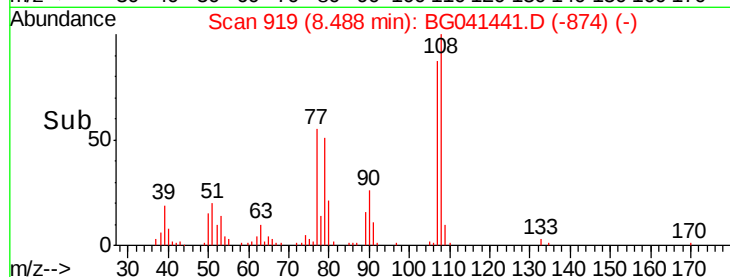
#17
2-Methylphenol
Concen: 21.341 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tgt Ion:107 Resp: 38744
Ion Ratio Lower Upper
107 100
108 114.5 91.7 137.5
77 63.5 47.8 71.8
79 58.0 46.8 70.2

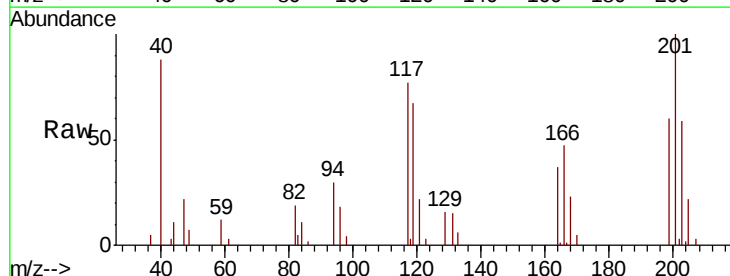


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

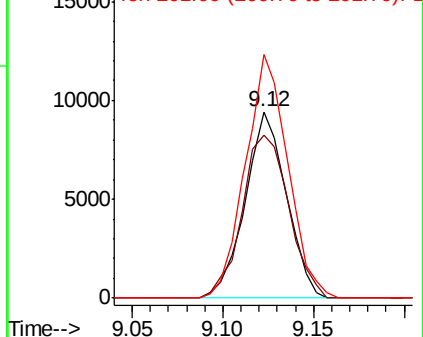
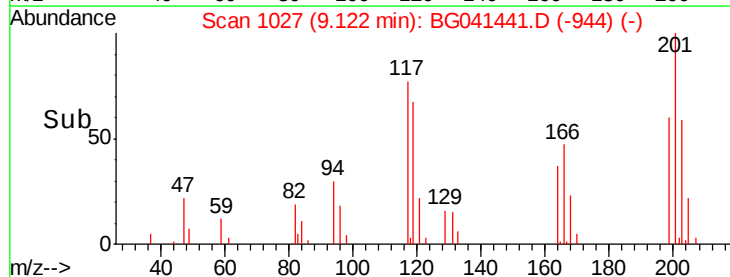


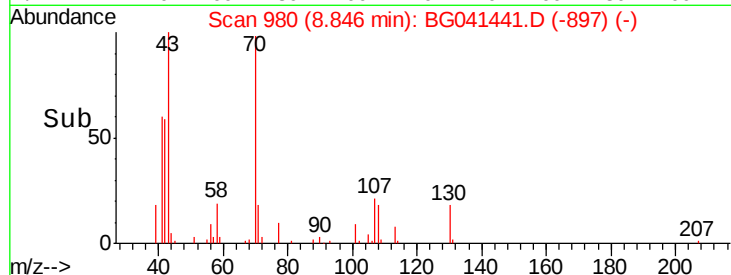
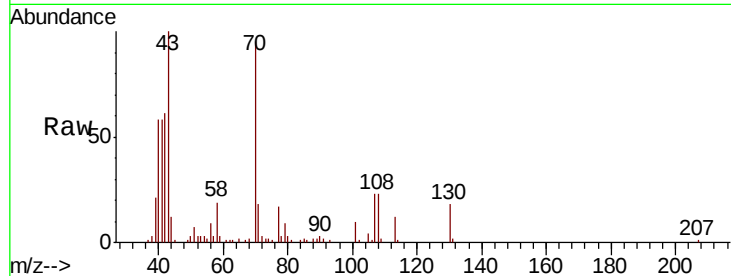
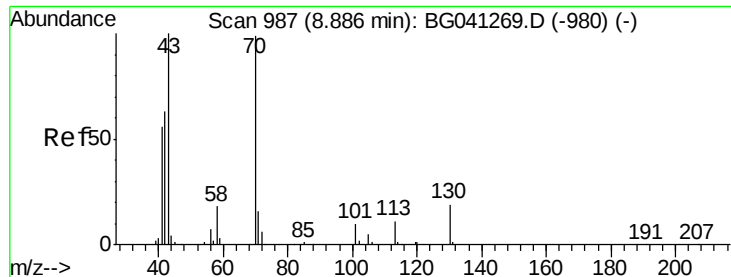
#18
Hexachloroethane
Concen: 15.289 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.04 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Tgt Ion:117 Resp: 14834
Ion Ratio Lower Upper
117 100
119 87.5 76.8 115.2
201 130.6 106.3 159.5



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

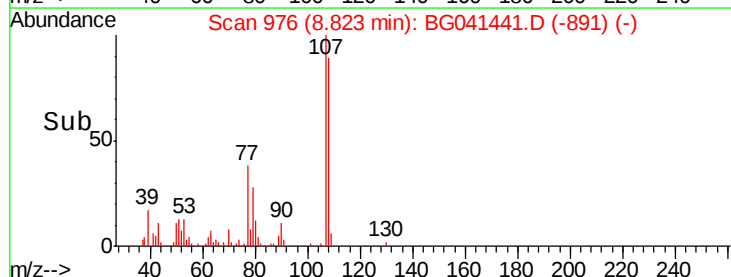
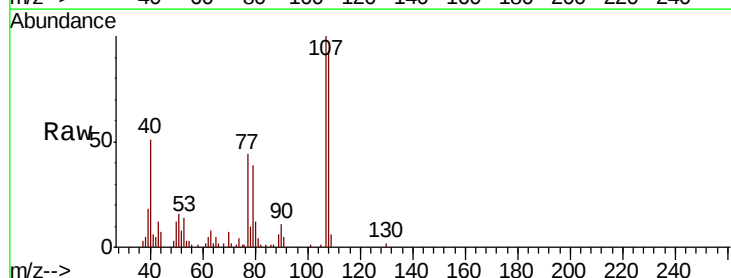
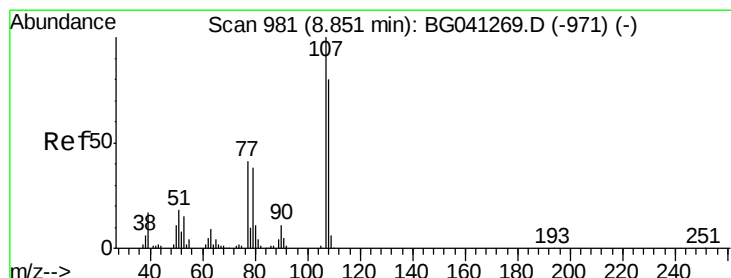
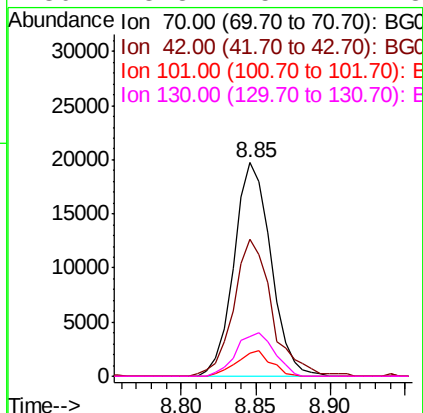




#19
n-Nitroso-di-n-propylamine
Concen: 17.794 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.04 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

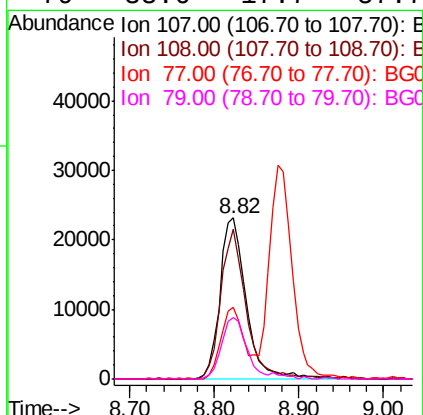
Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

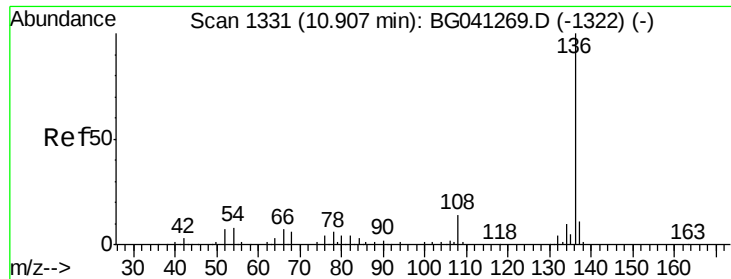
Tgt Ion:	70	Resp:	33986
Ion	Ratio	Lower	Upper
70	100		
42	64.0	51.4	77.2
101	10.9	8.2	12.2
130	18.8	15.2	22.8



#20
3+4-Methylphenols
Concen: 20.625 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Tgt Ion:	107	Resp:	49847
Ion	Ratio	Lower	Upper
107	100		
108	93.3	60.4	100.4
77	44.3	21.2	61.2
79	38.6	17.7	57.7

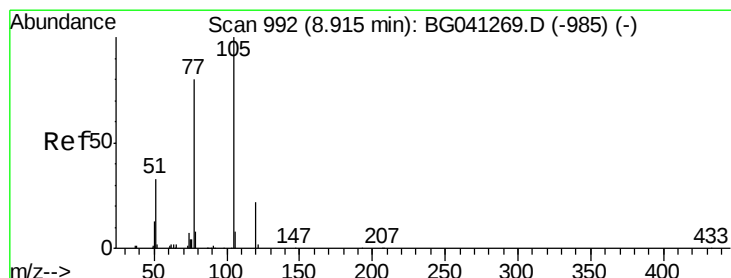
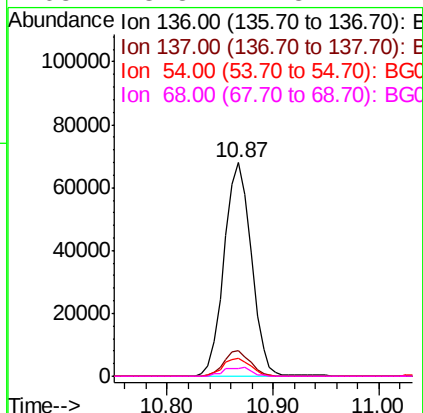
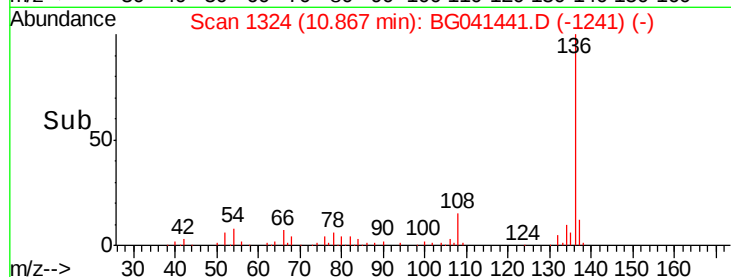
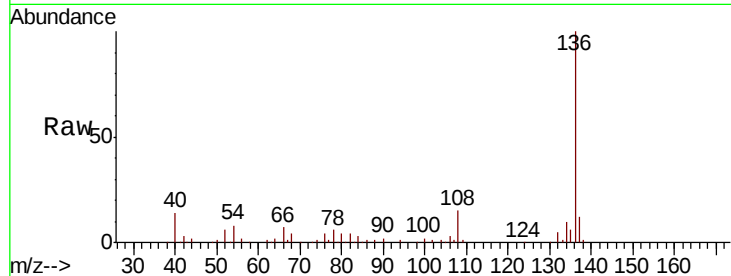




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.04 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

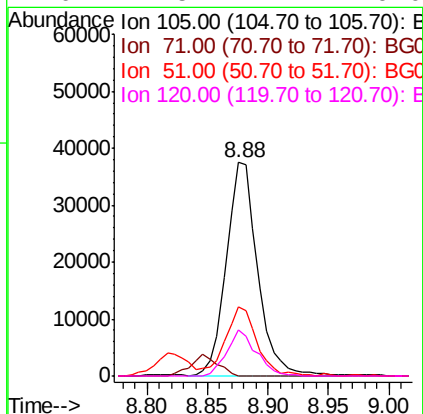
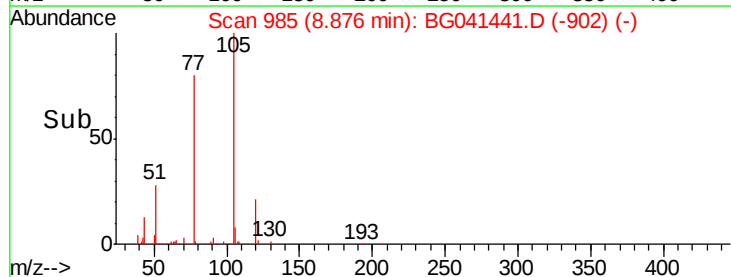
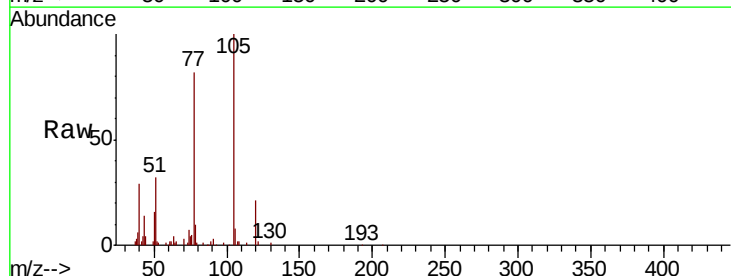
Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

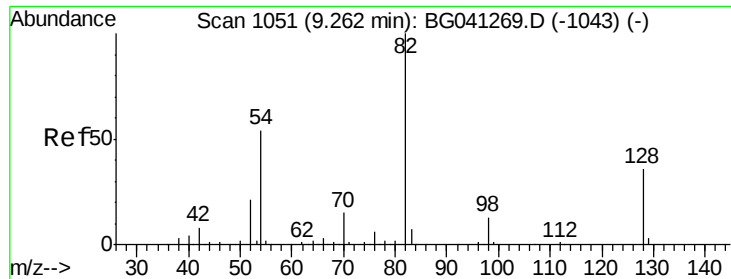
Tgt Ion:	136	Resp:	121989
Ion Ratio	Lower	Upper	
136	100		
137	11.9	8.8	13.2
54	8.3	6.4	9.6
68	3.8	4.8	7.2#



#22
Acetophenone
Concen: 19.062 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.04 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Tgt Ion:	105	Resp:	67669
Ion Ratio	Lower	Upper	
105	100		
71	0.0	0.4	0.6#
51	32.2	28.2	42.4
120	21.5	17.4	26.0

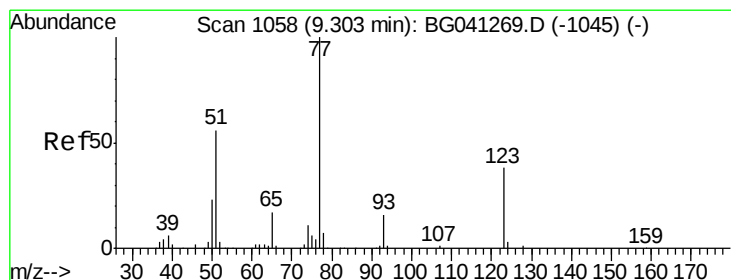
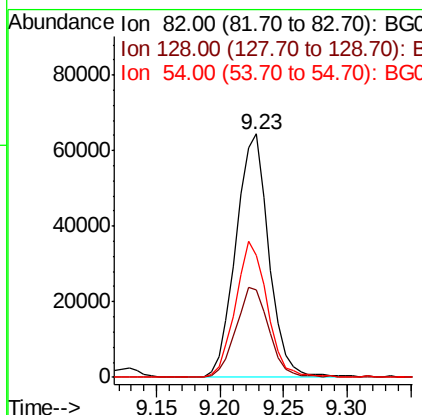
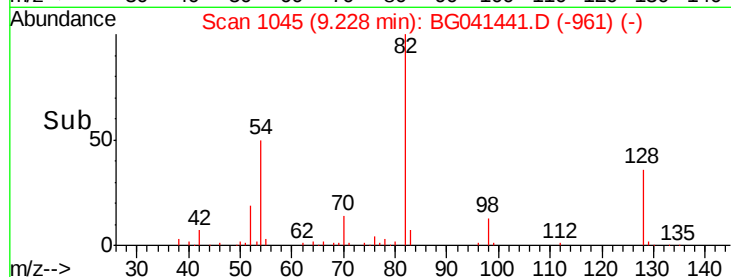
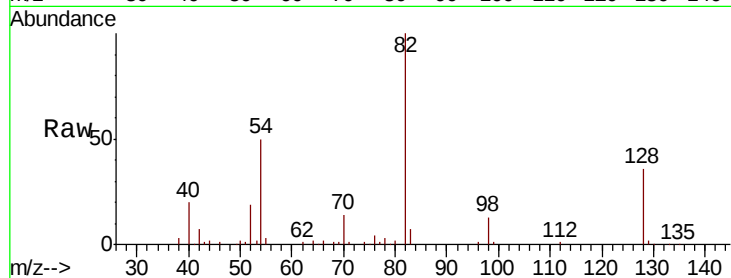




#23
 Nitrobenzene-d5
 Concen: 39.890 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.03 min
 Lab File: BG041441.D
 Acq: 25 Jun 2019 3:33

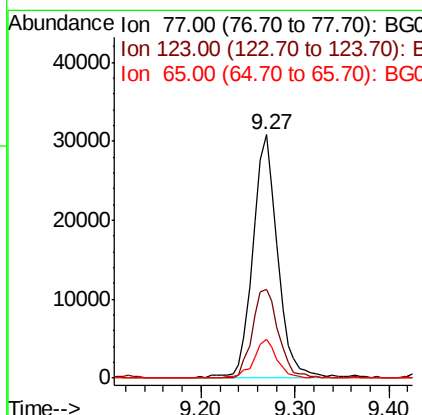
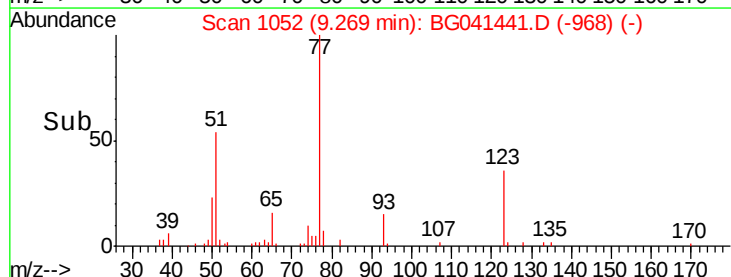
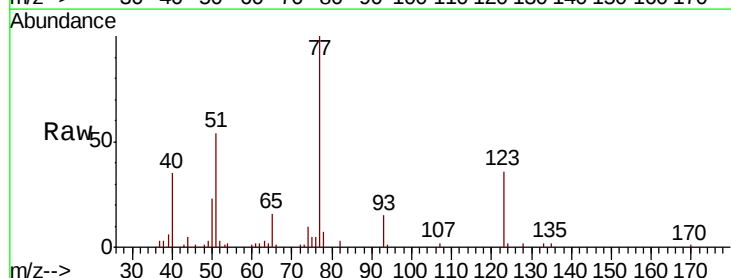
Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MS

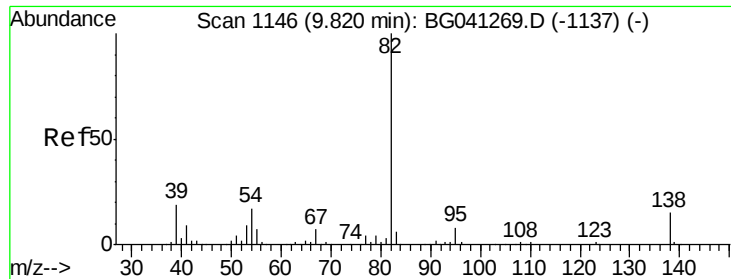
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.8	29.2	43.8
54	50.0	43.4	65.0



#24
 Nitrobenzene
 Concen: 19.245 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.03 min
 Lab File: BG041441.D
 Acq: 25 Jun 2019 3:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.2	30.4	45.6
65	15.9	13.3	19.9





#25

Isophorone

Concen: 18.447 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.04 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MS

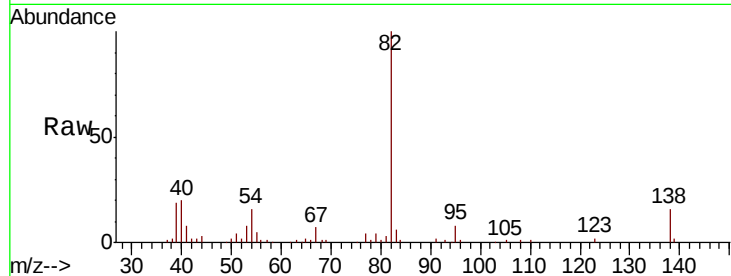
Tgt Ion: 82 Resp: 98169

Ion Ratio Lower Upper

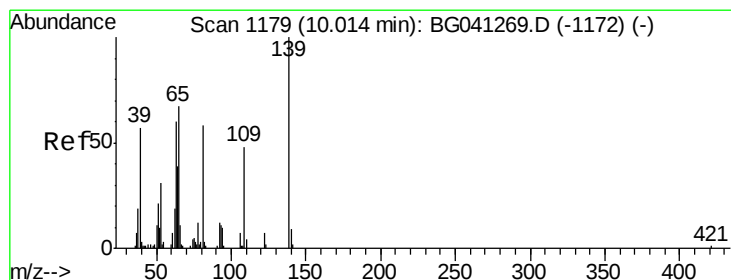
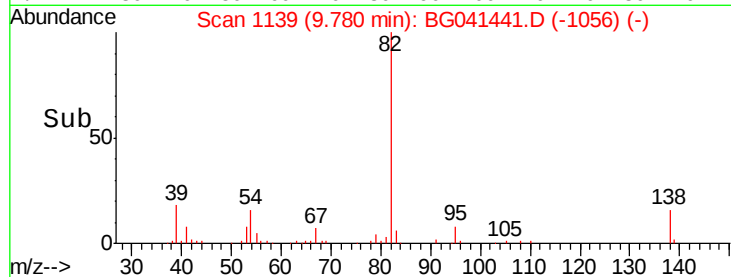
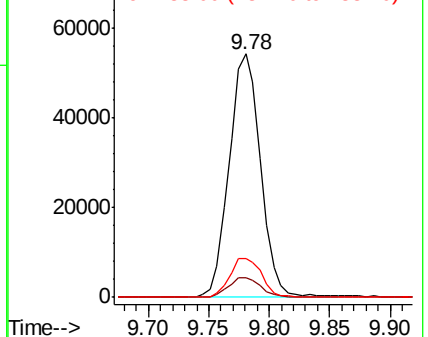
82 100

95 7.8 6.6 10.0

138 16.1 12.3 18.5



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



#26

2-Nitrophenol

Concen: 17.698 ng

RT: 9.98 min Scan# 1173

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

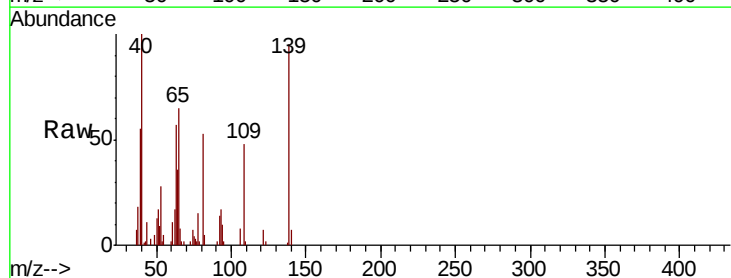
Tgt Ion: 139 Resp: 20931

Ion Ratio Lower Upper

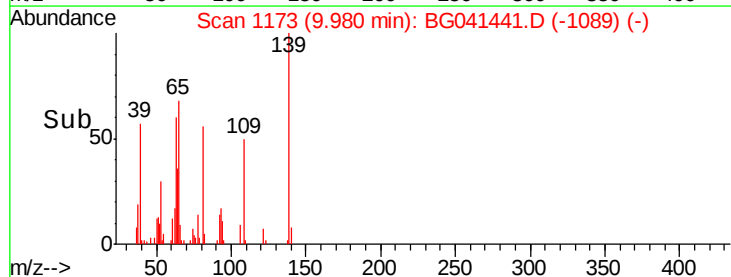
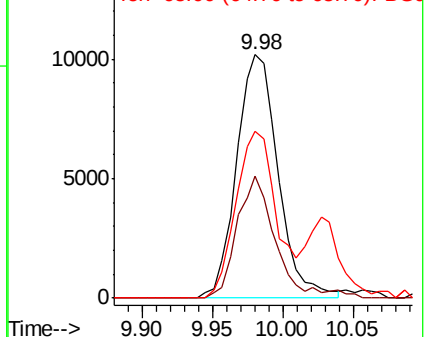
139 100

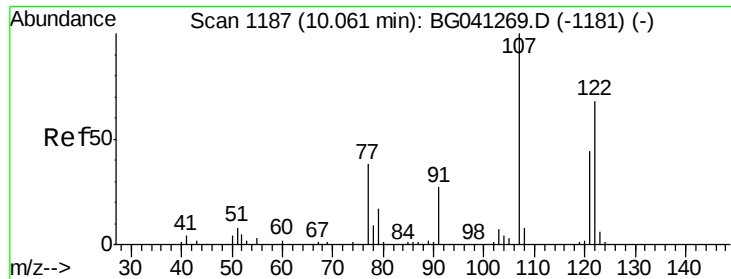
109 50.3 38.4 57.6

65 68.3 53.6 80.4



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





#27

2,4-Dimethylphenol

Concen: 21.898 ng

RT: 10.03 min Scan# 1181

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MS

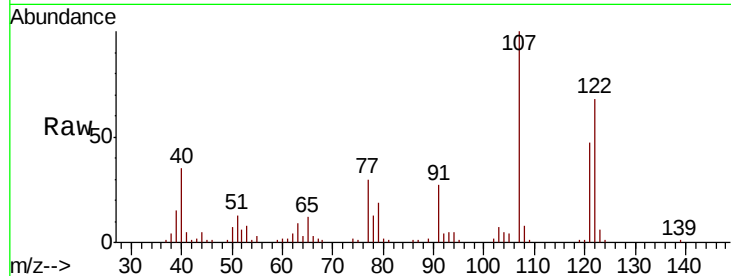
Tgt Ion: 122 Resp: 38822

Ion Ratio Lower Upper

122 100

107 146.7 115.1 172.7

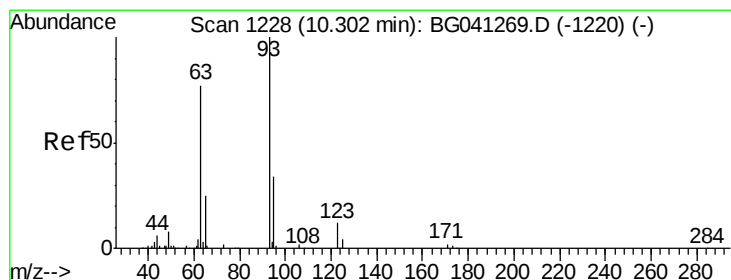
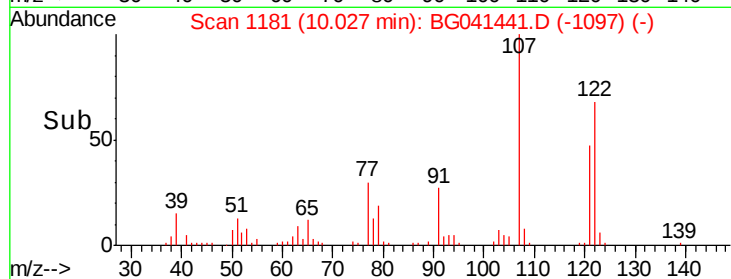
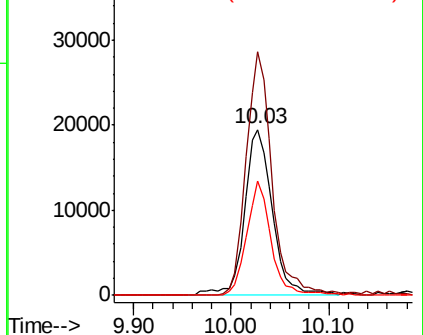
121 68.6 50.1 75.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 18.847 ng

RT: 10.26 min Scan# 1221

Delta R.T. -0.04 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

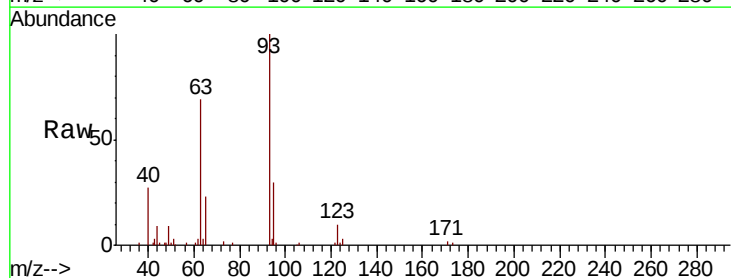
Tgt Ion: 93 Resp: 52258

Ion Ratio Lower Upper

93 100

95 30.4 27.3 40.9

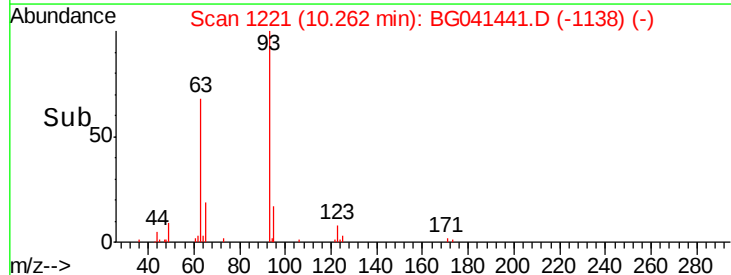
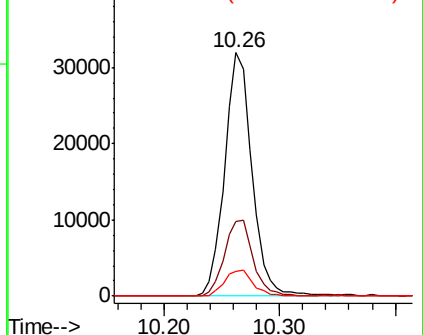
123 10.3 9.6 14.4

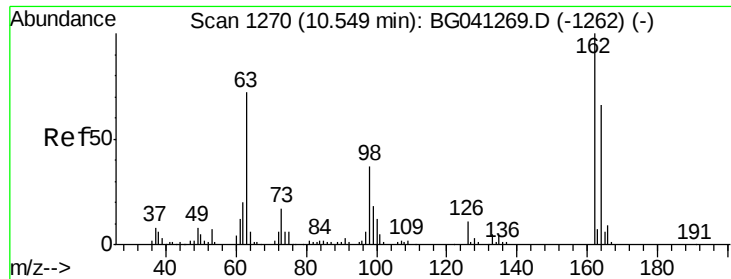


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

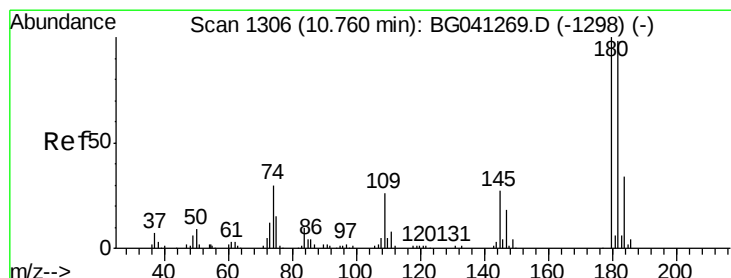
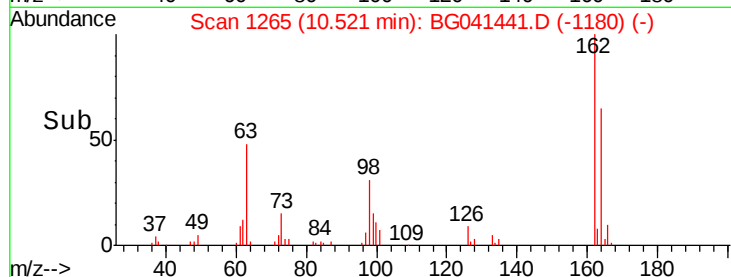
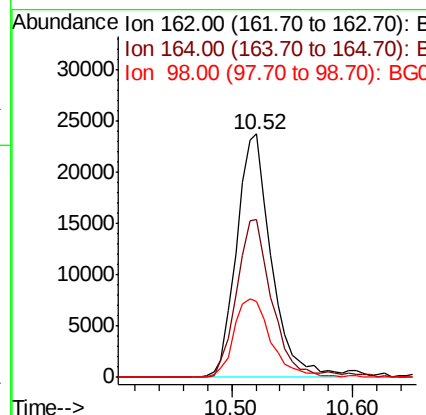
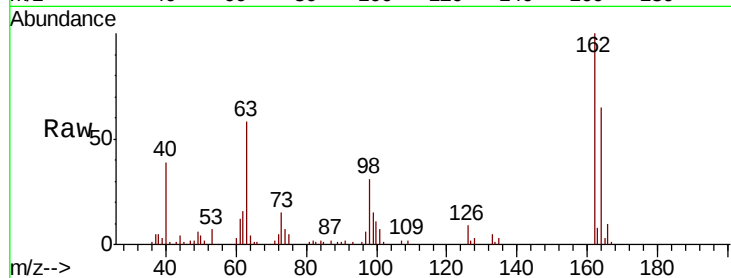




#29
 2,4-Dichlorophenol
 Concen: 21.681 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.03 min
 Lab File: BG041441.D
 Acq: 25 Jun 2019 3:33

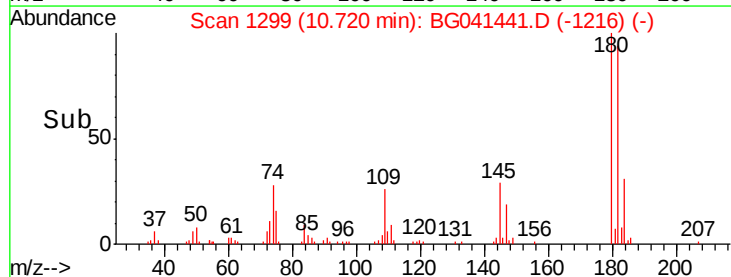
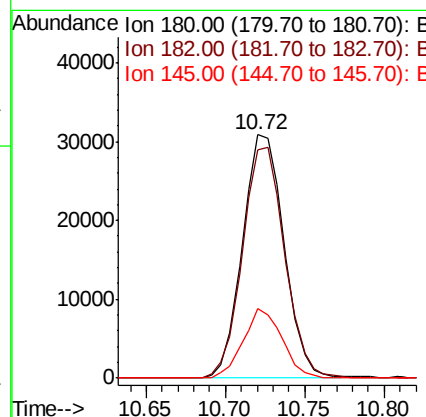
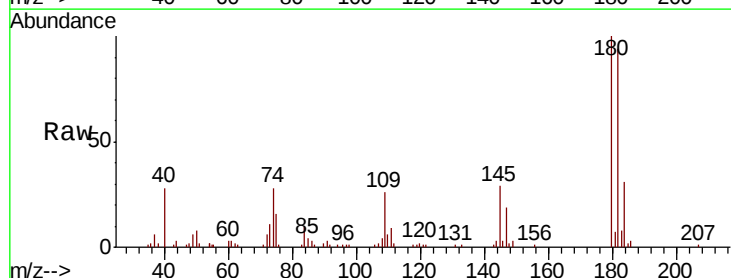
Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MS

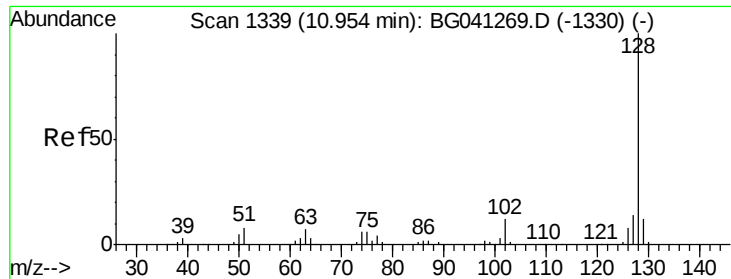
Tgt Ion:162 Resp: 47659
 Ion Ratio Lower Upper
 162 100
 164 64.9 46.0 86.0
 98 31.3 17.4 57.4



#30
 1,2,4-Trichlorobenzene
 Concen: 19.987 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.04 min
 Lab File: BG041441.D
 Acq: 25 Jun 2019 3:33

Tgt Ion:180 Resp: 56268
 Ion Ratio Lower Upper
 180 100
 182 94.0 78.6 117.8
 145 28.7 21.7 32.5

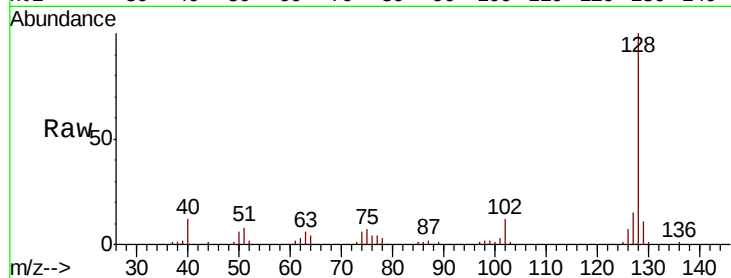




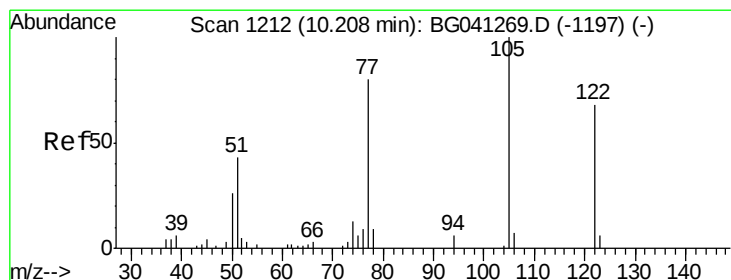
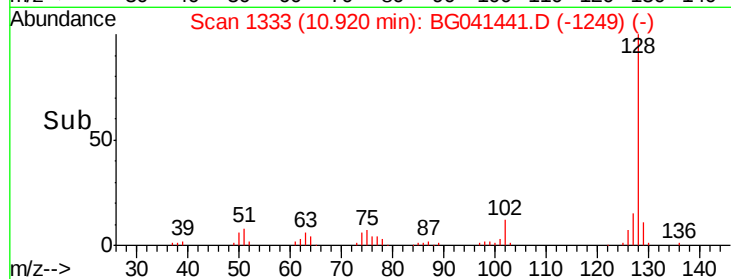
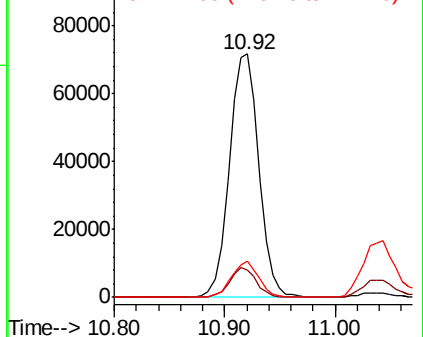
#31
Naphthalene
Concen: 20.178 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tgt Ion:128 Resp: 133779
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.0
127 14.9 11.2 16.8

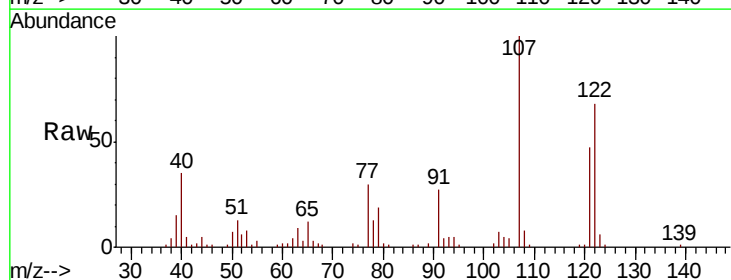


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

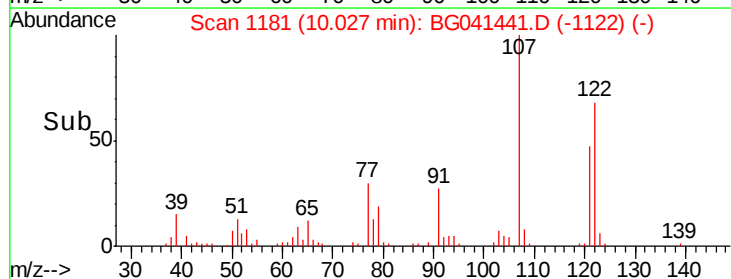
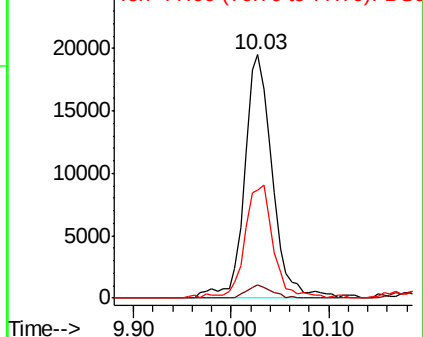


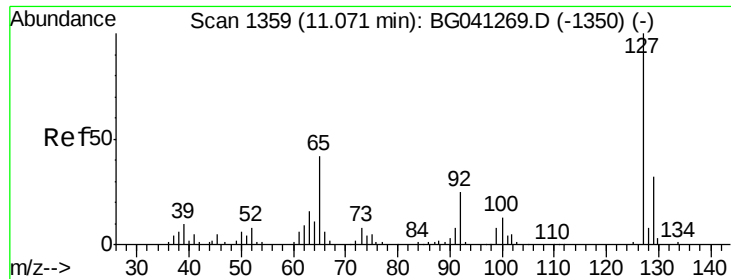
#32
Benzoic acid
Concen: 33.640 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.18 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Tgt Ion:122 Resp: 38822
Ion Ratio Lower Upper
122 100
105 5.3 124.2 164.2#
77 44.4 97.2 137.2#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

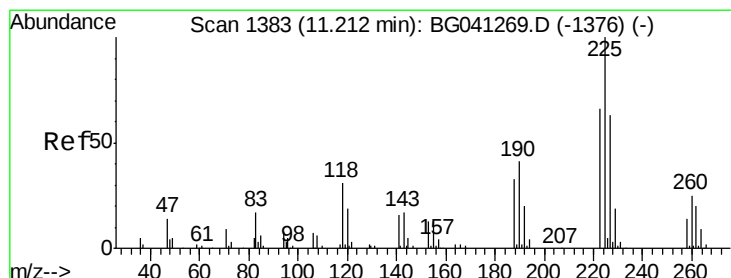
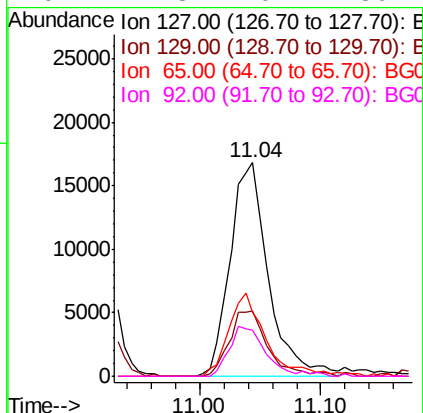
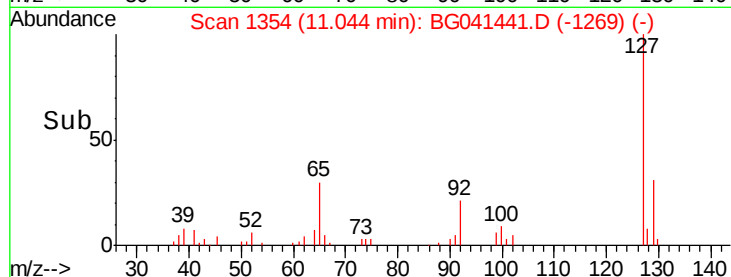
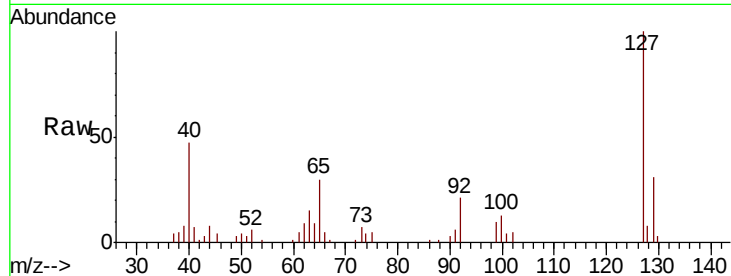




#33
4-Chloroaniline
Concen: 13.152 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

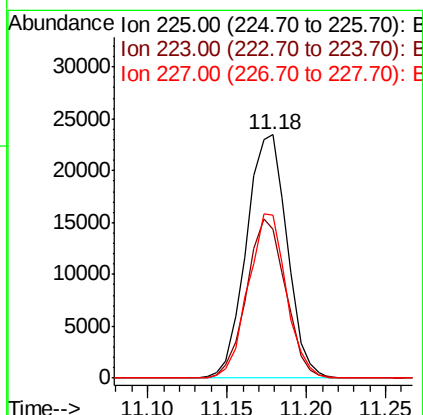
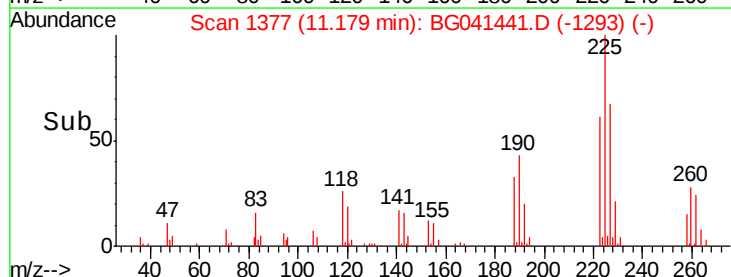
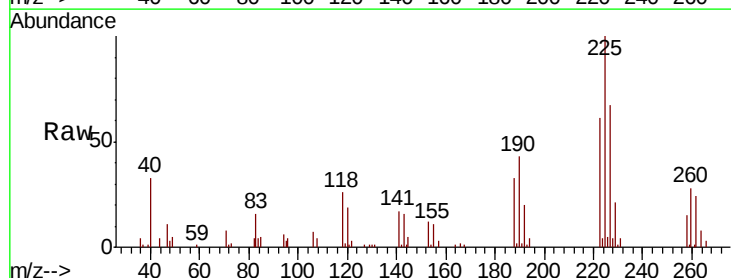
Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

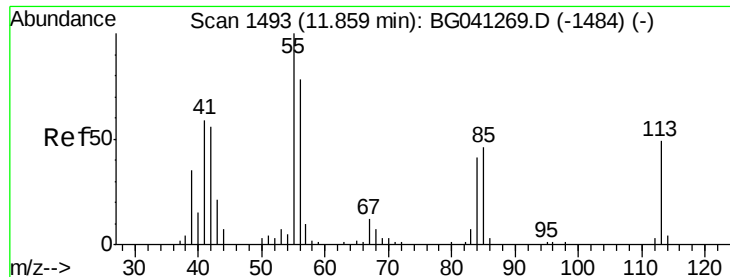
Tgt Ion:127 Resp: 37032
Ion Ratio Lower Upper
127 100
129 30.7 25.8 38.8
65 30.2 33.8 50.8#
92 21.3 20.2 30.4



#34
Hexachlorobutadiene
Concen: 18.765 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Tgt Ion:225 Resp: 41932
Ion Ratio Lower Upper
225 100
223 60.9 52.5 78.7
227 67.2 50.2 75.2

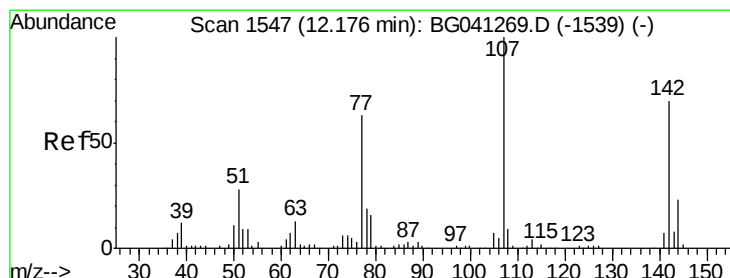
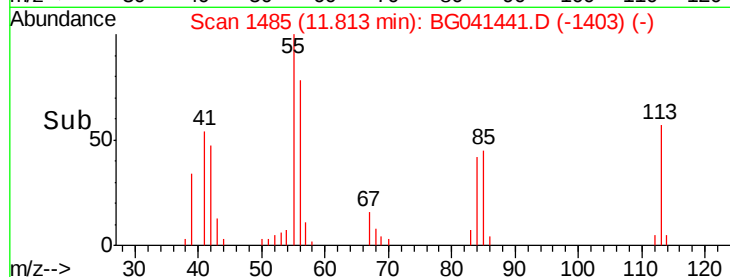
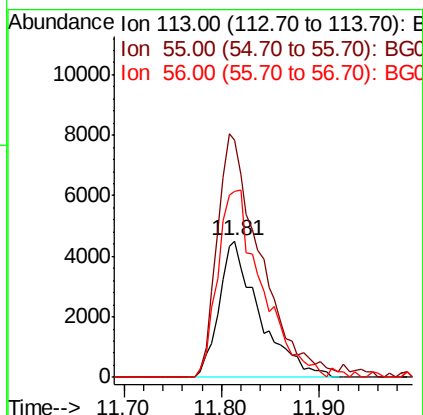
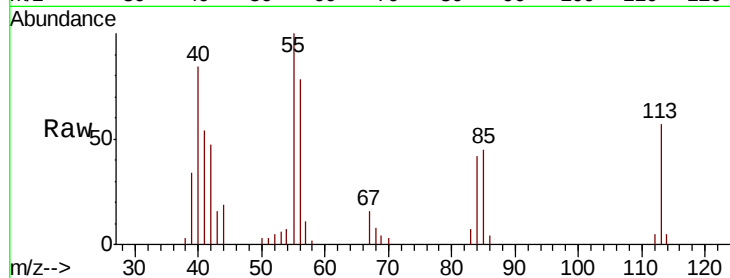




#35
 Caprolactam
 Concen: 17.183 ng
 RT: 11.81 min Scan# 1485
 Delta R.T. -0.05 min
 Lab File: BG041441.D
 Acq: 25 Jun 2019 3:33

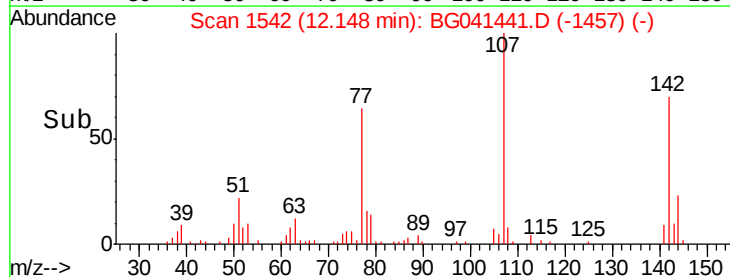
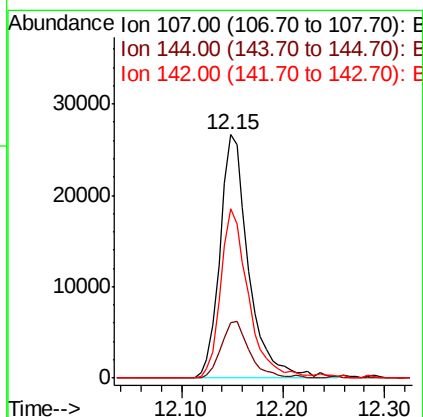
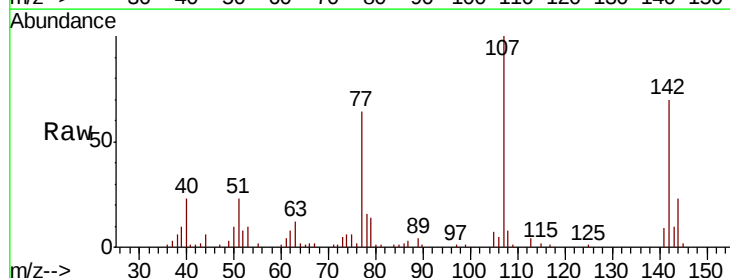
Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MS

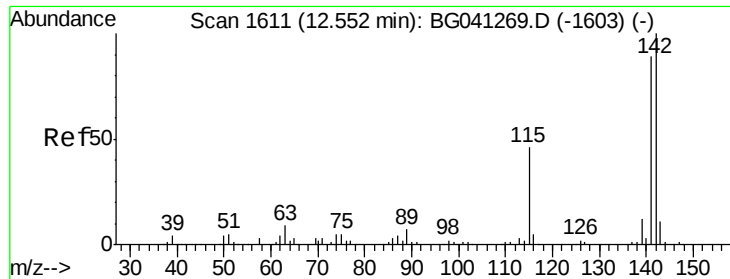
Tgt Ion:113 Resp: 13003
 Ion Ratio Lower Upper
 113 100
 55 174.5 182.6 222.6#
 56 136.7 137.5 177.5#



#36
 4-Chloro-3-methylphenol
 Concen: 20.587 ng
 RT: 12.15 min Scan# 1542
 Delta R.T. -0.03 min
 Lab File: BG041441.D
 Acq: 25 Jun 2019 3:33

Tgt Ion:107 Resp: 52270
 Ion Ratio Lower Upper
 107 100
 144 22.8 18.5 27.7
 142 69.8 56.3 84.5

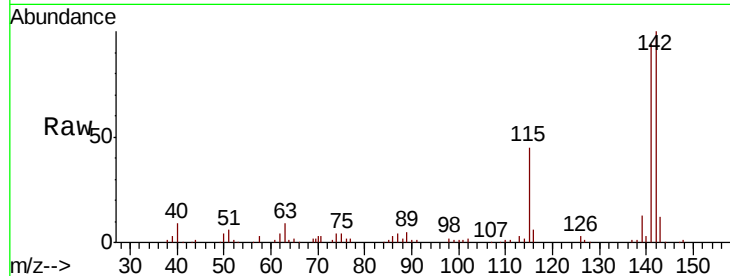




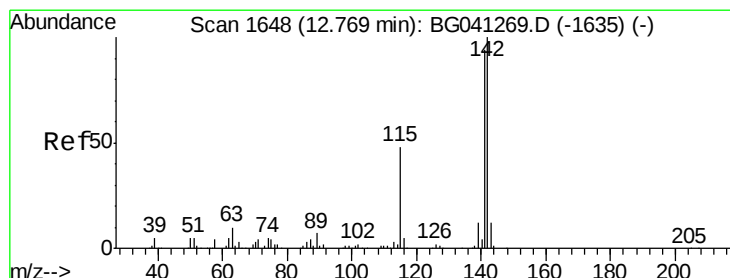
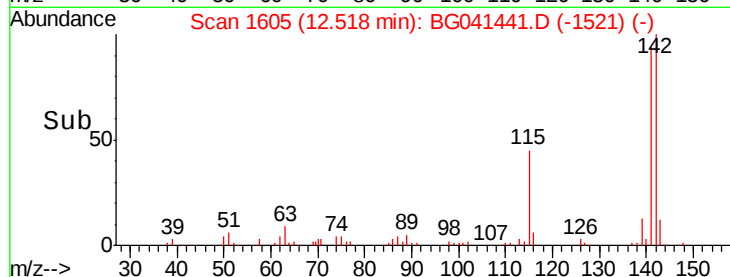
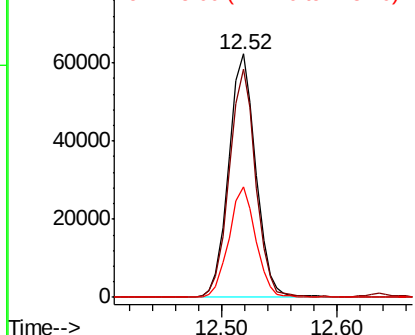
#37
2-Methylnaphthalene
Concen: 20.712 ng
RT: 12.52 min Scan# 1605
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tgt Ion:142 Resp: 101138
Ion Ratio Lower Upper
142 100
141 93.7 71.5 107.3
115 45.4 37.0 55.6

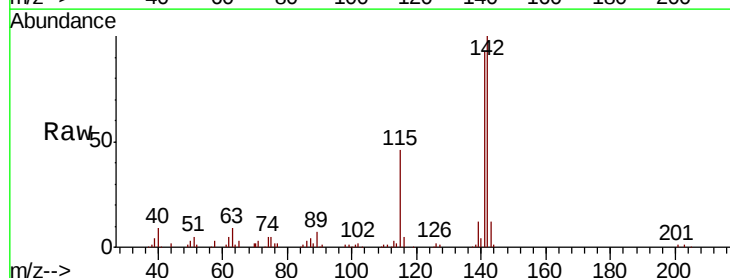


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

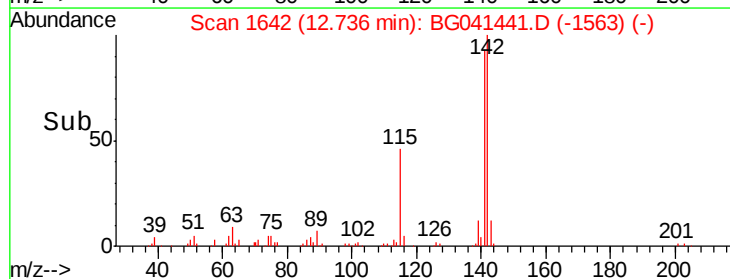
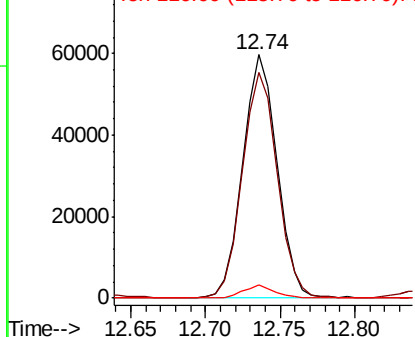


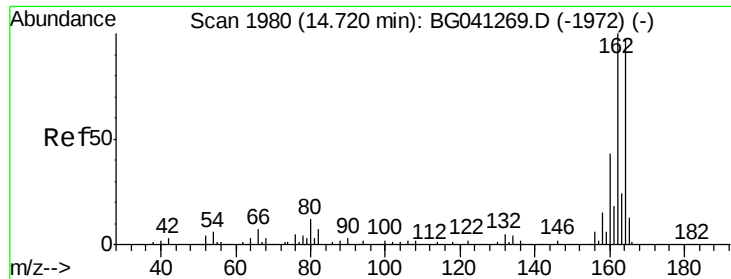
#38
1-Methylnaphthalene
Concen: 20.278 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Tgt Ion:142 Resp: 94736
Ion Ratio Lower Upper
142 100
141 92.7 75.0 112.6
116 5.2 4.2 6.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MS

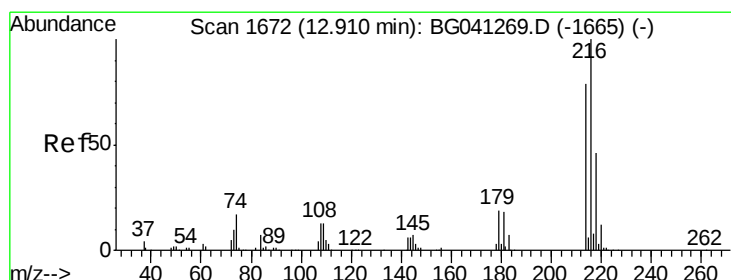
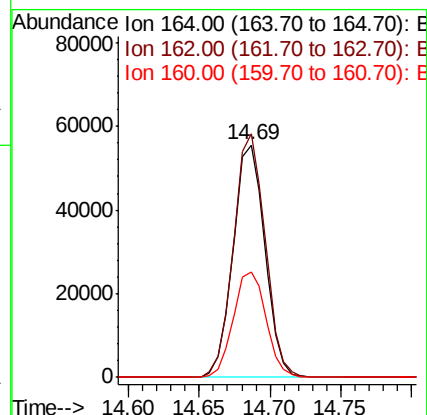
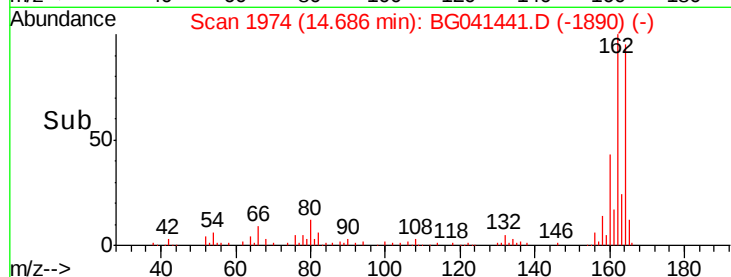
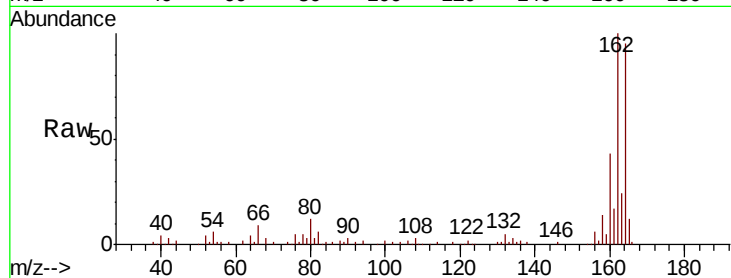
Tgt Ion:164 Resp: 87101

Ion Ratio Lower Upper

164 100

162 104.8 82.8 124.2

160 45.2 35.8 53.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 21.691 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Tgt Ion:216 Resp: 78016

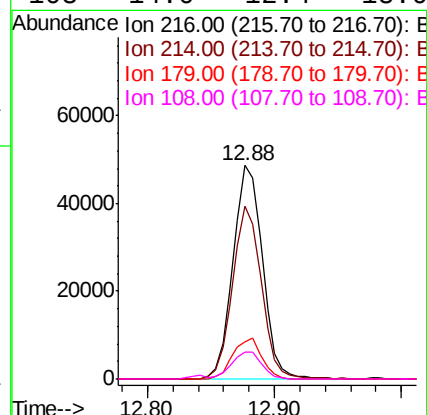
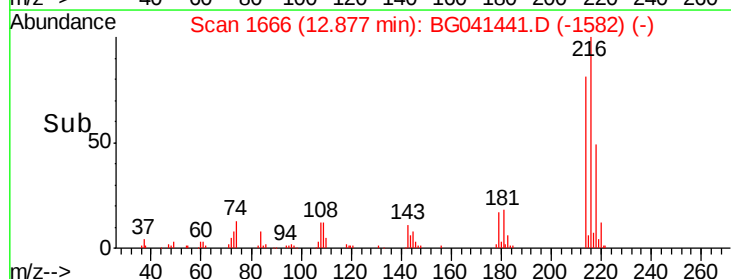
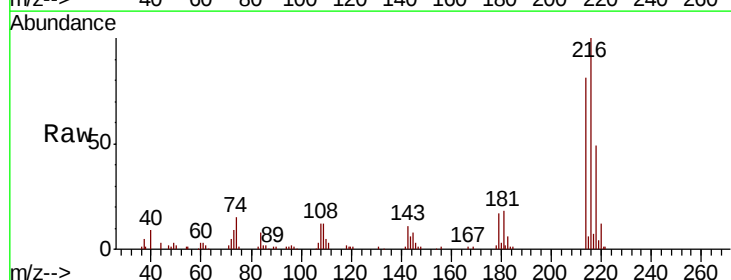
Ion Ratio Lower Upper

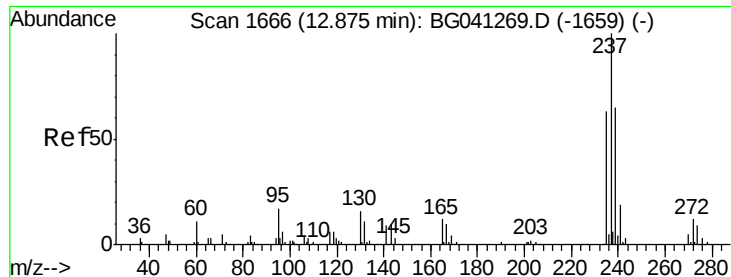
216 100

214 79.3 62.8 94.2

179 18.8 15.2 22.8

108 14.0 12.4 18.6





#41

Hexachlorocyclopentadiene

Concen: 11.371 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MS

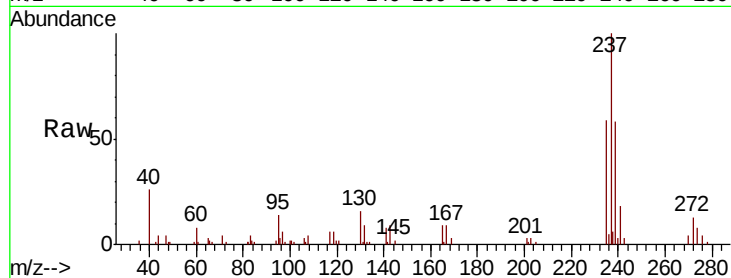
Tgt Ion:237 Resp: 27549

Ion Ratio Lower Upper

237 100

235 58.8 42.9 82.9

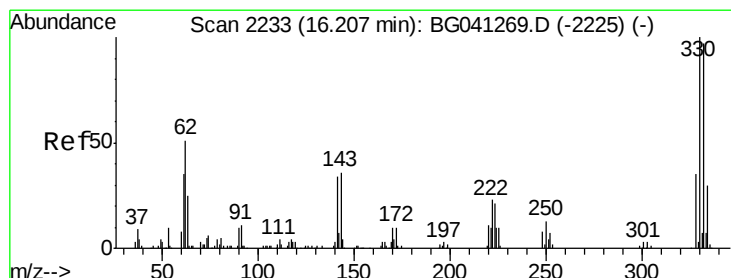
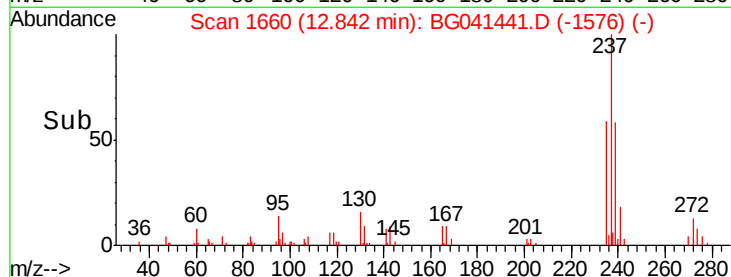
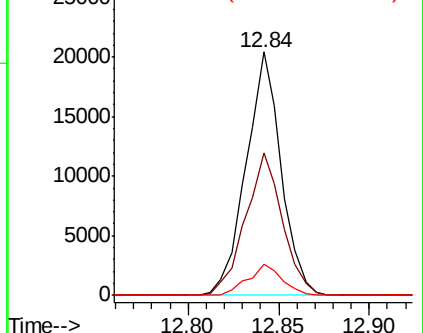
272 13.0 0.0 32.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 62.924 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

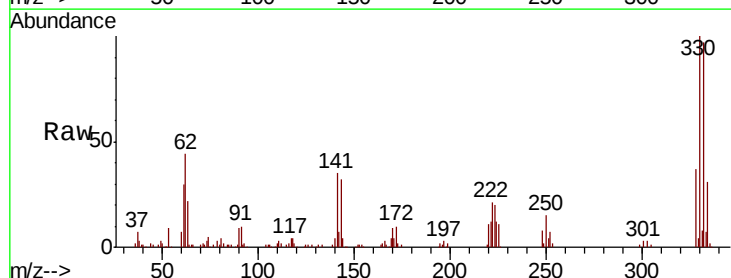
Tgt Ion:330 Resp: 84142

Ion Ratio Lower Upper

330 100

332 95.1 75.5 113.3

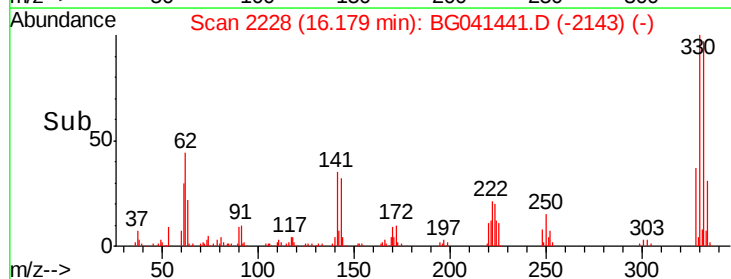
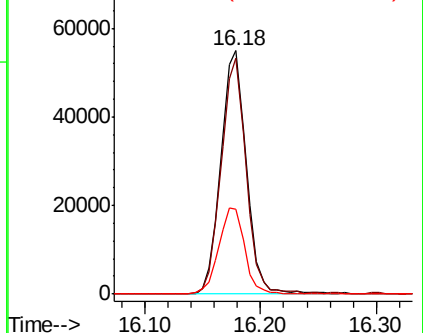
141 36.0 29.0 43.4

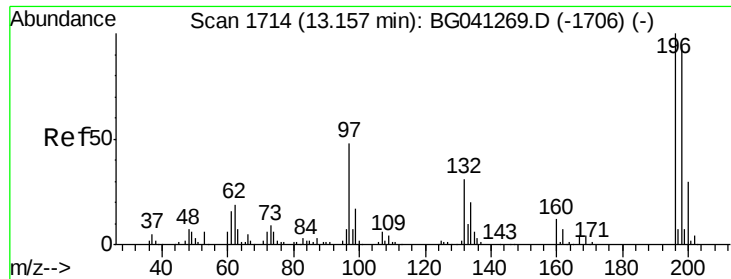


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

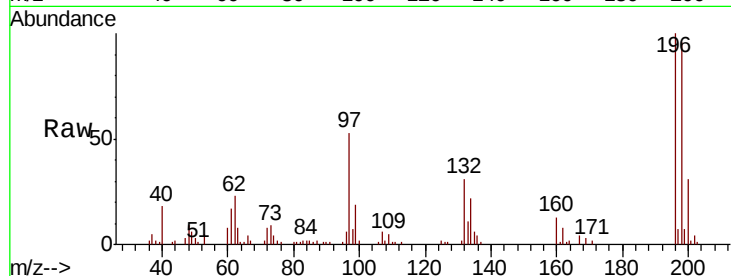




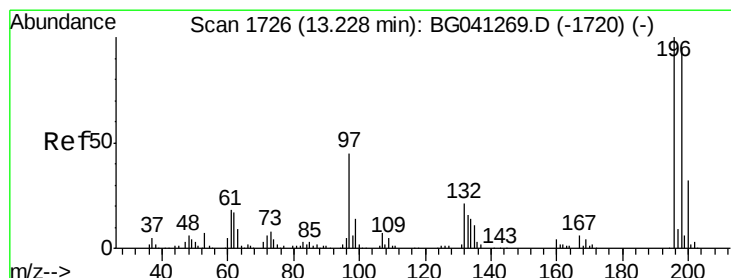
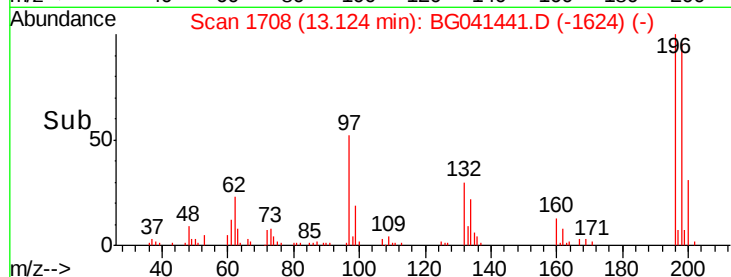
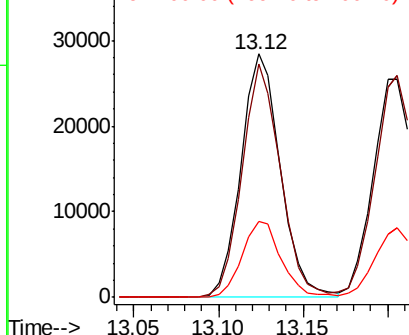
#43
 2,4,6-Trichlorophenol
 Concen: 20.791 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.03 min
 Lab File: BG041441.D
 Acq: 25 Jun 2019 3:33

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MS

Tgt Ion:196 Resp: 46258
 Ion Ratio Lower Upper
 196 100
 198 95.7 74.9 112.3
 200 31.1 24.2 36.2



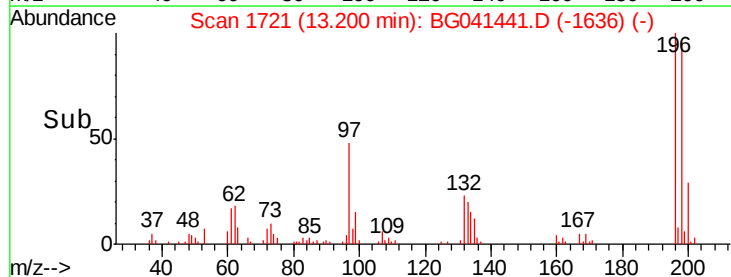
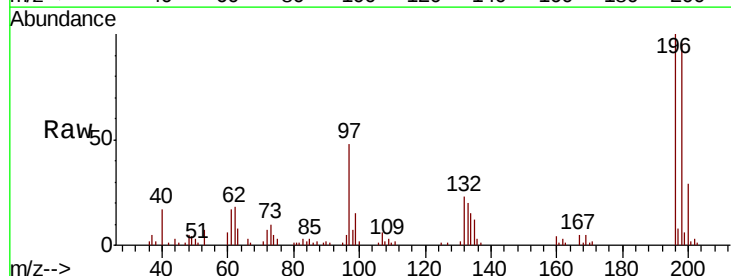
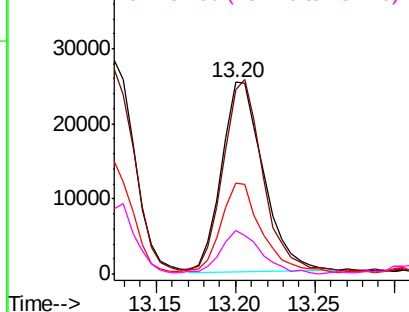
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

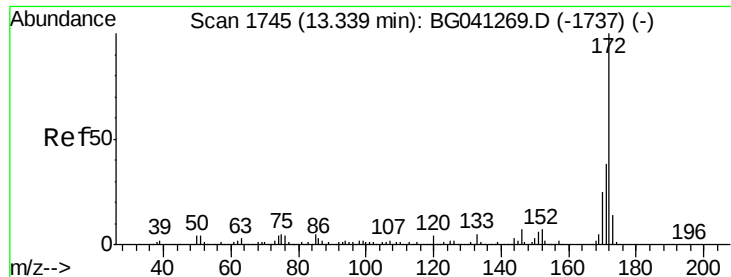


#44
 2,4,5-Trichlorophenol
 Concen: 20.190 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.03 min
 Lab File: BG041441.D
 Acq: 25 Jun 2019 3:33

Tgt Ion:196 Resp: 46221
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.1 114.1
 97 47.5 35.9 53.9
 132 23.0 17.0 25.6

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

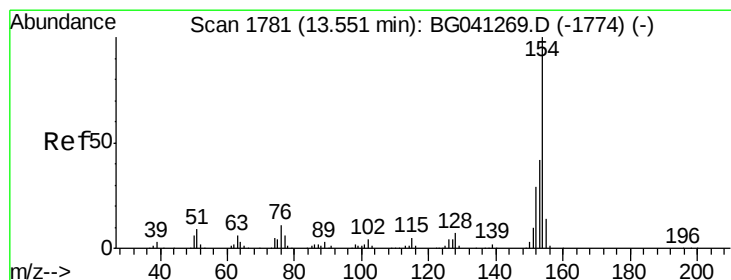
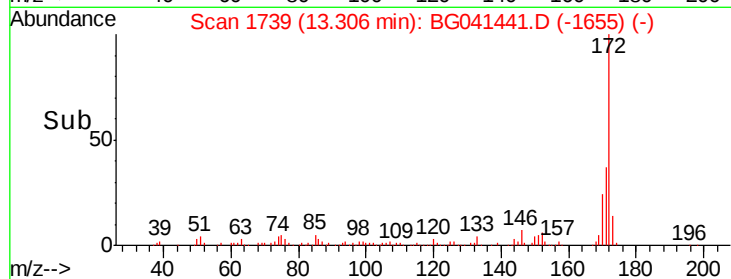
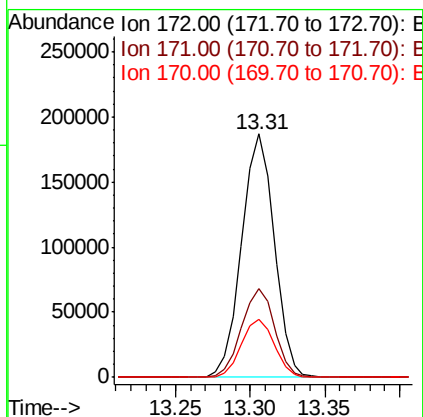
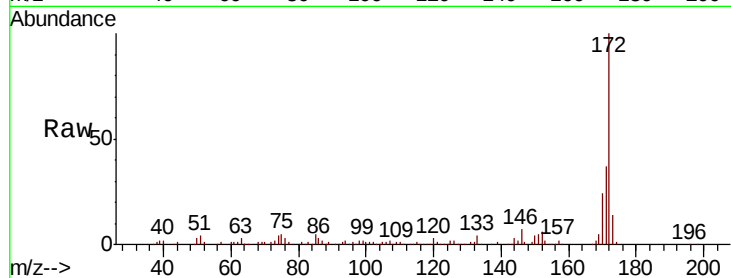




#45
2-Fluorobiphenyl
Concen: 44.187 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

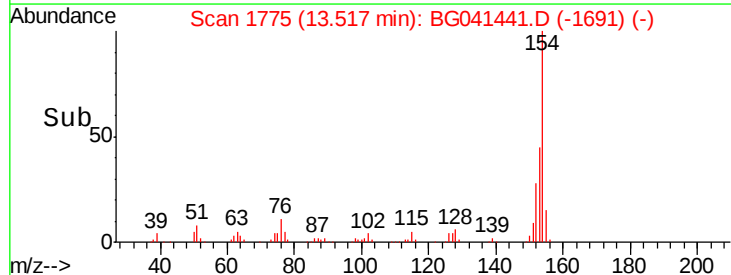
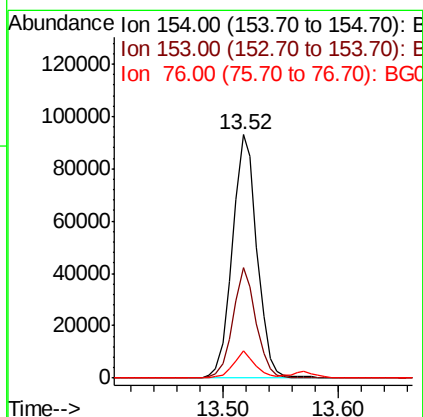
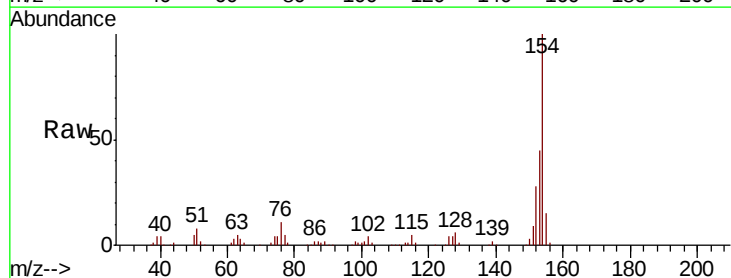
Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

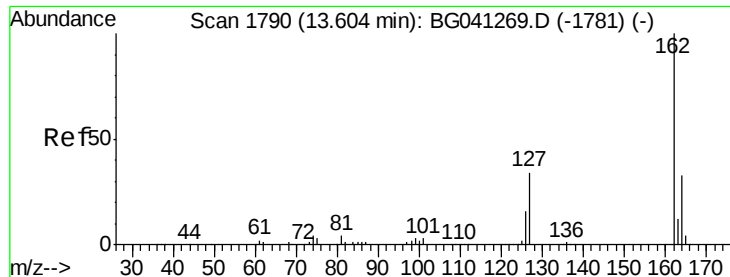
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.0	45.0
170	24.1	19.8	29.6



#46
1,1'-Biphenyl
Concen: 20.822 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	45.2	22.3	62.3
76	11.1	0.0	30.8

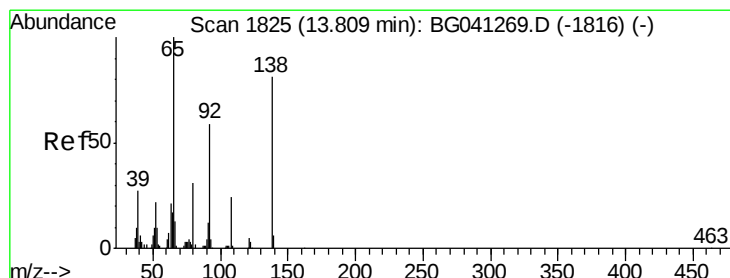
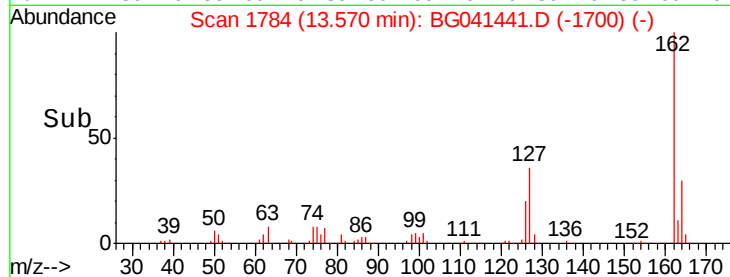
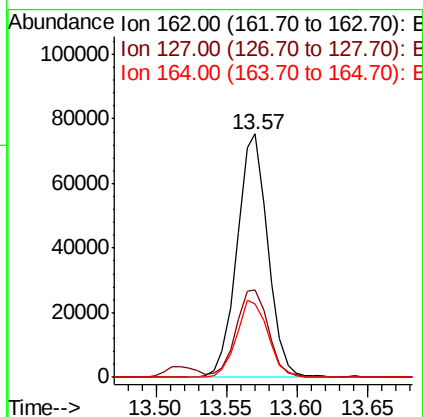
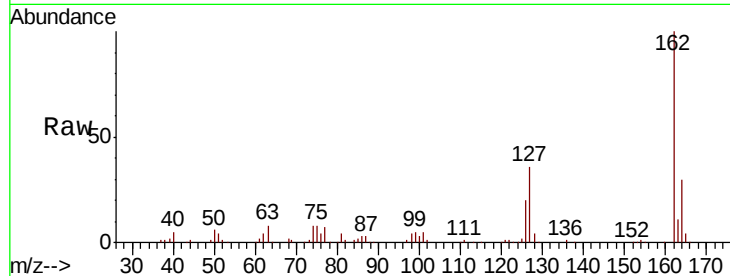




#47
 2-Chloronaphthalene
 Concen: 20.194 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.03 min
 Lab File: BG041441.D
 Acq: 25 Jun 2019 3:33

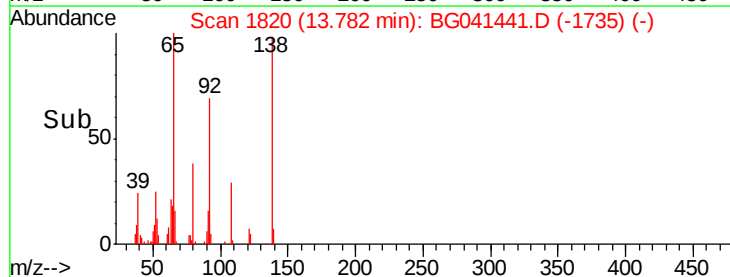
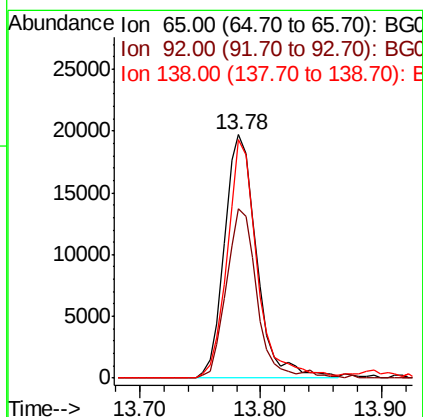
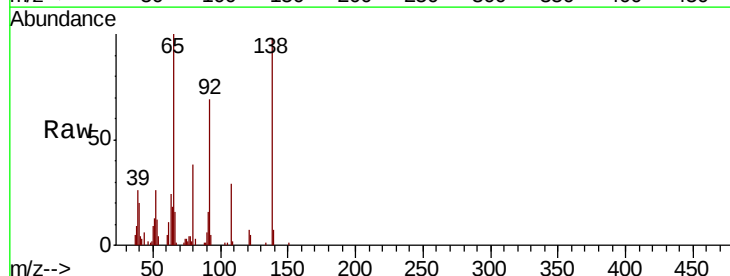
Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MS

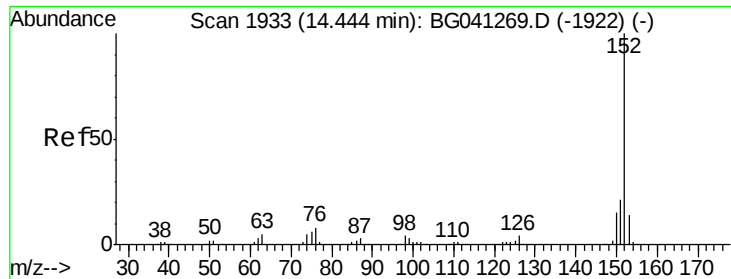
Tgt Ion: 162 Resp: 114484
 Ion Ratio Lower Upper
 162 100
 127 36.2 31.0 46.4
 164 30.2 26.1 39.1



#48
 2-Nitroaniline
 Concen: 17.631 ng
 RT: 13.78 min Scan# 1820
 Delta R.T. -0.03 min
 Lab File: BG041441.D
 Acq: 25 Jun 2019 3:33

Tgt Ion: 65 Resp: 36607
 Ion Ratio Lower Upper
 65 100
 92 69.4 47.4 71.2
 138 98.2 64.7 97.1#





#49

Acenaphthylene

Concen: 20.599 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MS

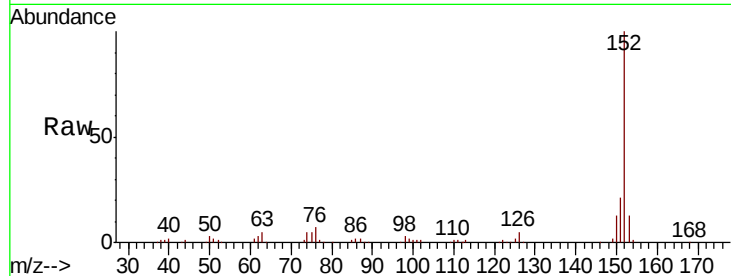
Tgt Ion:152 Resp: 177205

Ion Ratio Lower Upper

152 100

151 21.2 16.8 25.2

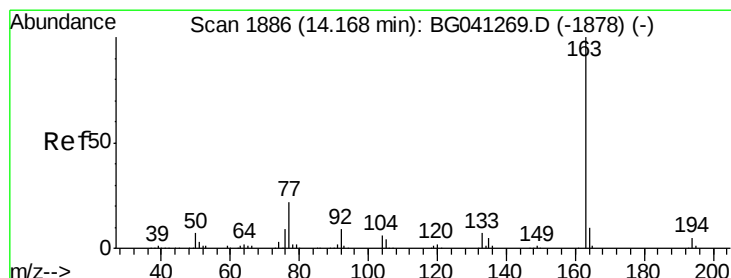
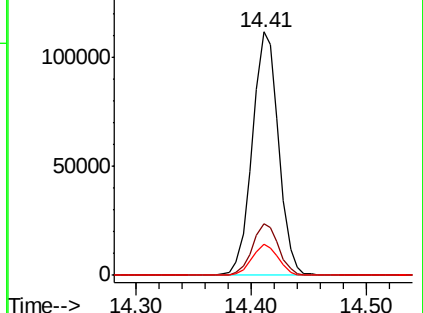
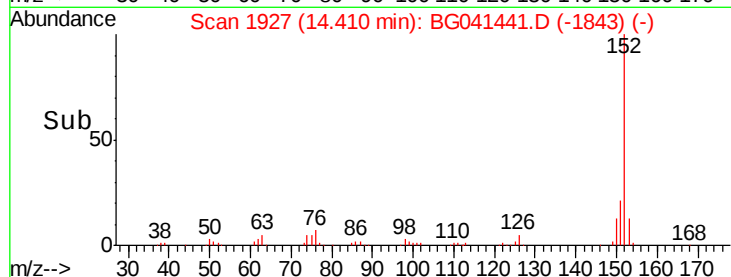
153 12.7 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 24.233 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

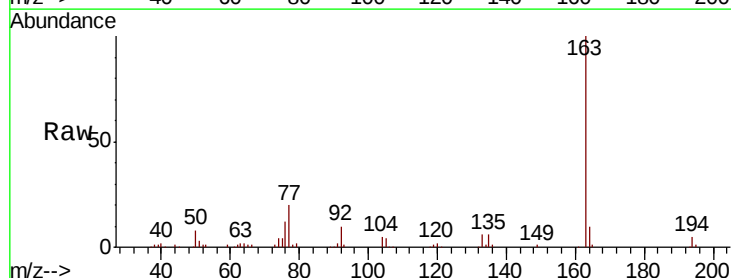
Tgt Ion:163 Resp: 187801

Ion Ratio Lower Upper

163 100

194 4.7 3.9 5.9

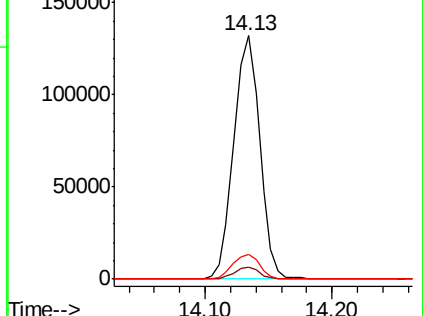
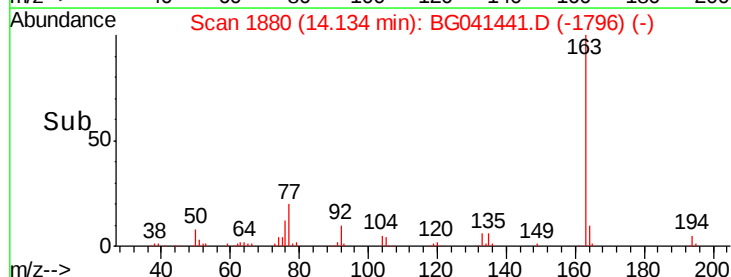
164 10.2 8.3 12.5

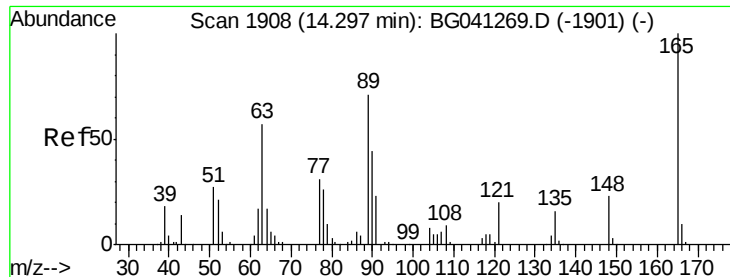


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

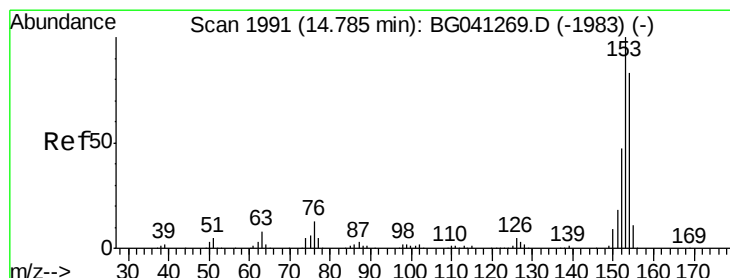
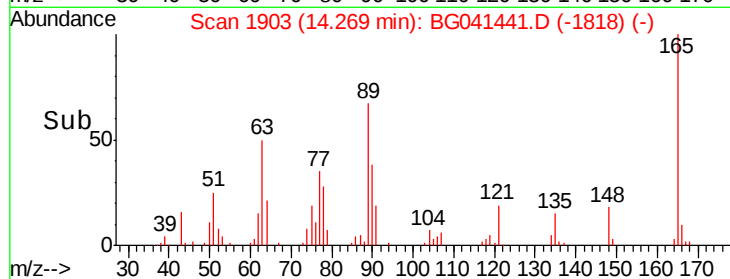
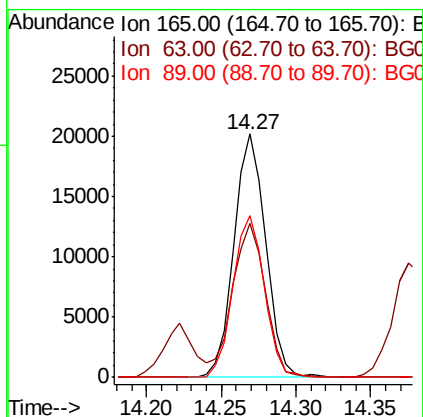
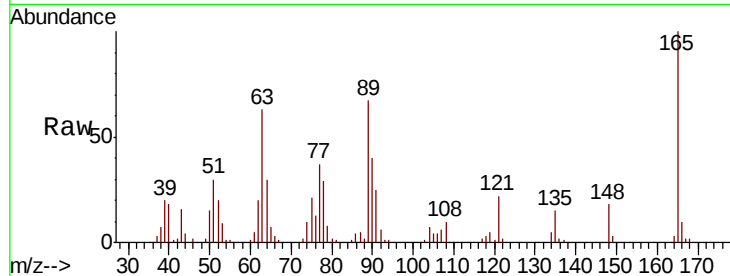




#51
2,6-Dinitrotoluene
Concen: 18.293 ng
RT: 14.27 min Scan# 1903
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

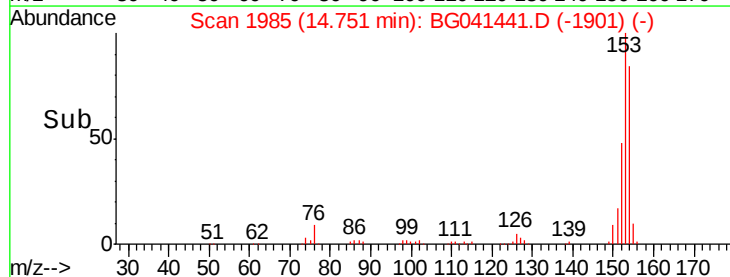
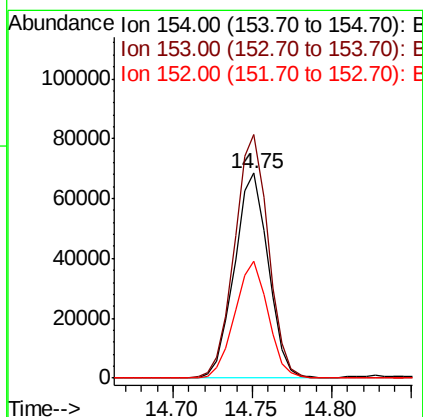
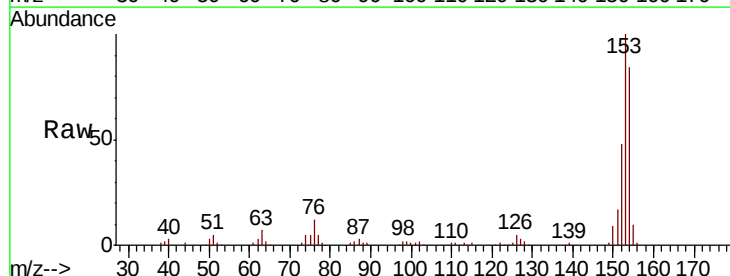
Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

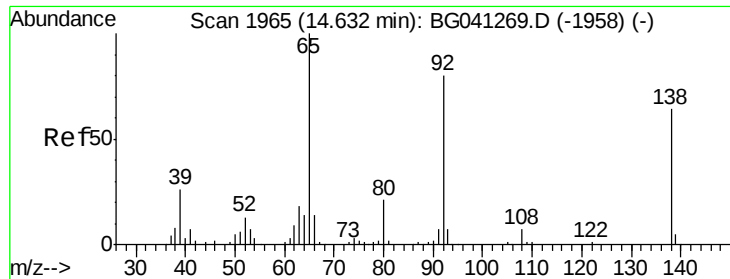
Tgt Ion:165 Resp: 29893
Ion Ratio Lower Upper
165 100
63 63.1 55.4 83.0
89 66.5 56.5 84.7



#52
Acenaphthene
Concen: 20.020 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Tgt Ion:154 Resp: 101132
Ion Ratio Lower Upper
154 100
153 118.9 96.6 145.0
152 57.3 45.5 68.3

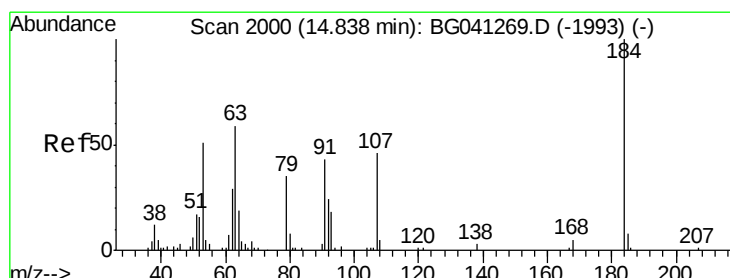
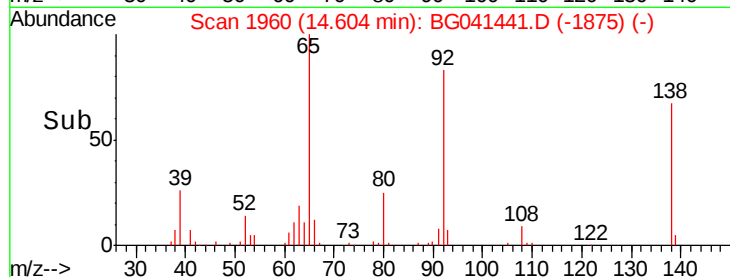
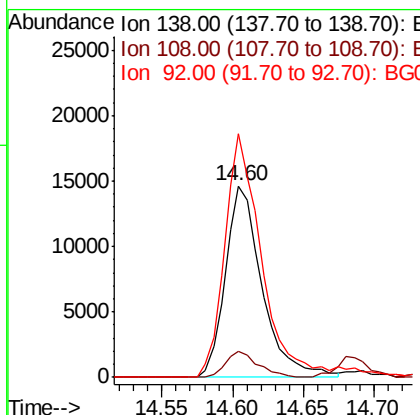
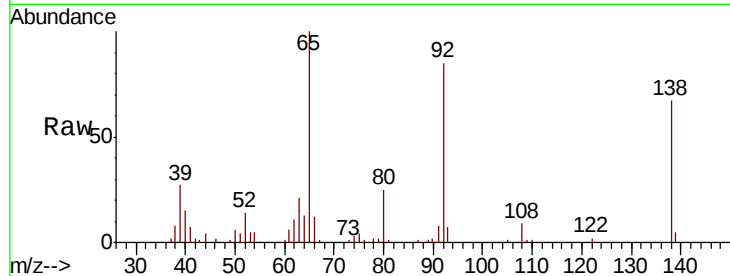




#53
3-Nitroaniline
Concen: 16.422 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

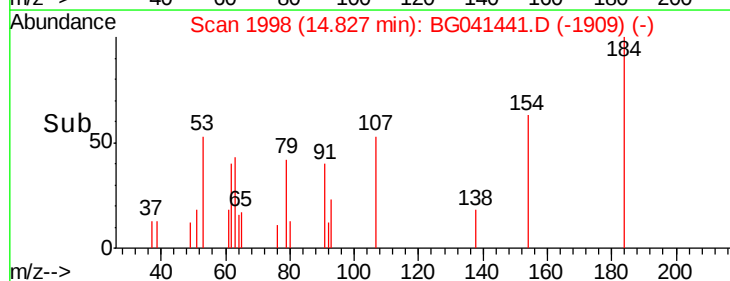
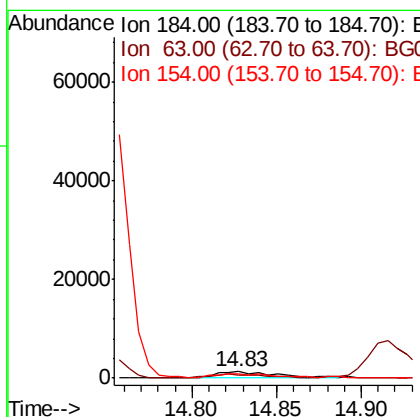
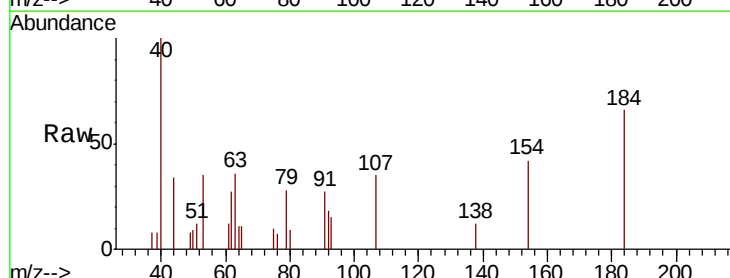
Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

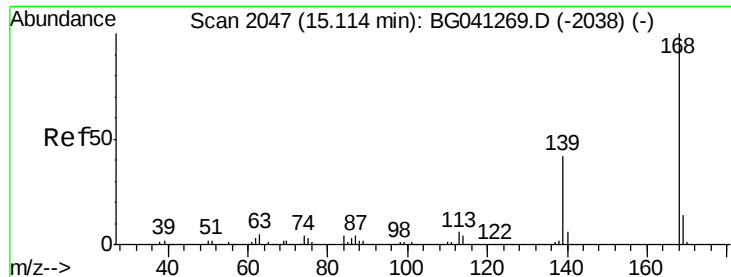
Tgt Ion:138 Resp: 26439
Ion Ratio Lower Upper
138 100
108 13.8 8.3 12.5#
92 127.3 100.2 150.4



#54
2,4-Dinitrophenol
Concen: 7.348 ng
RT: 14.83 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Tgt Ion:184 Resp: 3129
Ion Ratio Lower Upper
184 100
63 54.9 60.0 90.0#
154 63.2 58.3 87.5

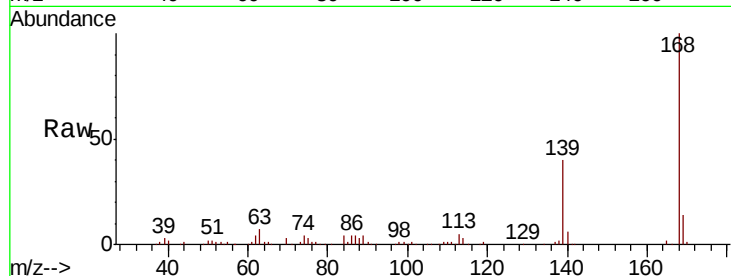




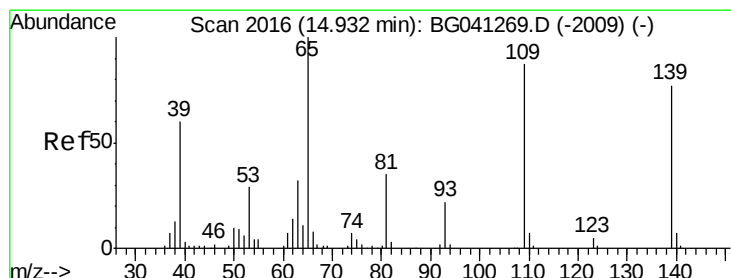
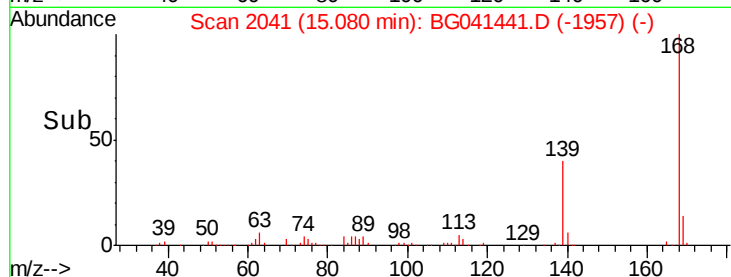
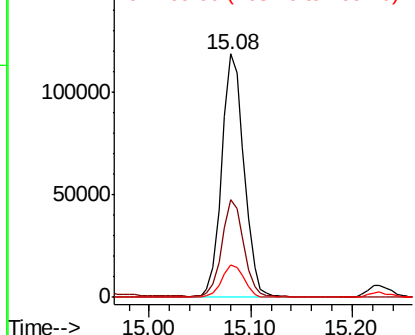
#55
Dibenzenofuran
Concen: 20.633 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tgt Ion:168 Resp: 181222
Ion Ratio Lower Upper
168 100
139 40.3 33.6 50.4
169 13.5 10.8 16.2

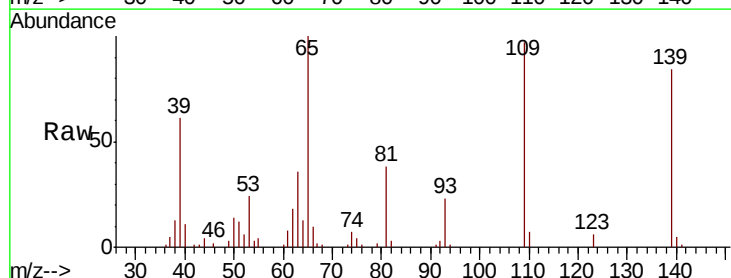


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

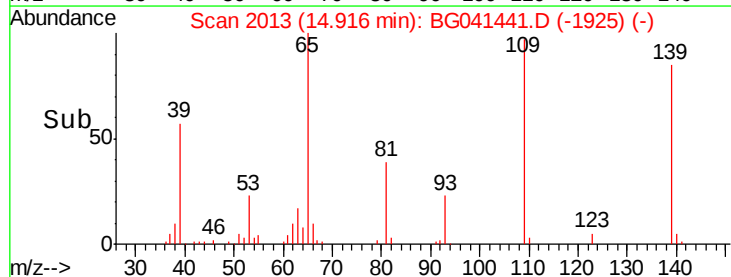
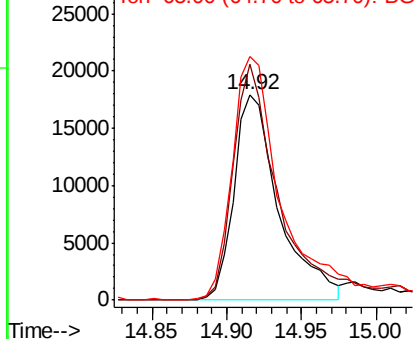


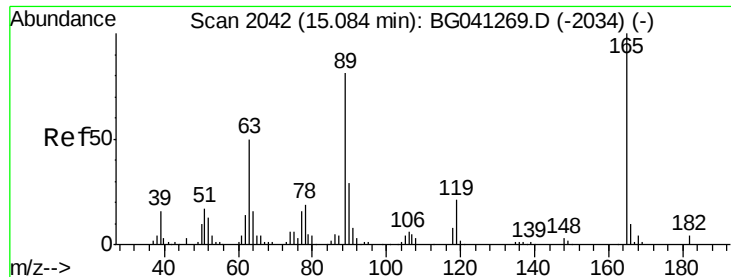
#56
4-Nitrophenol
Concen: 32.772 ng
RT: 14.92 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Tgt Ion:139 Resp: 37664
Ion Ratio Lower Upper
139 100
109 115.1 93.2 133.2
65 118.6 110.2 150.2



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





#57

2,4-Dinitrotoluene

Concen: 17.318 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MS

Tgt Ion:165 Resp: 41367

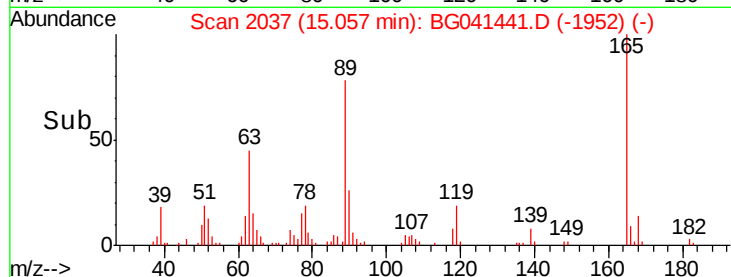
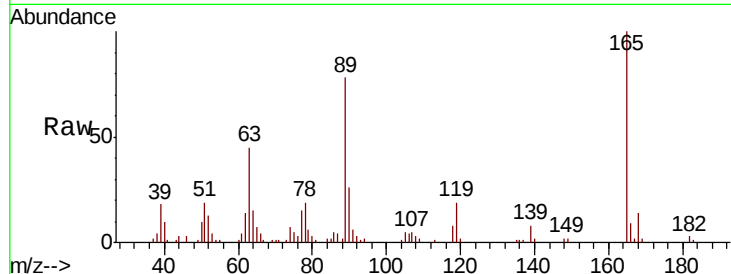
Ion Ratio Lower Upper

165 100

63 45.4 40.0 60.0

89 77.9 64.6 96.8

182 2.8 2.9 4.3#

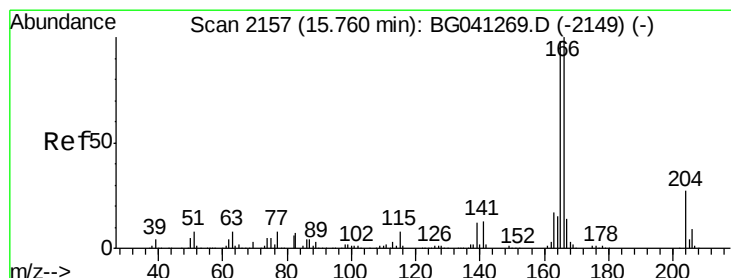
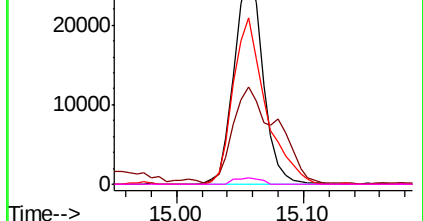


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 19.833 ng

RT: 15.73 min Scan# 2152

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

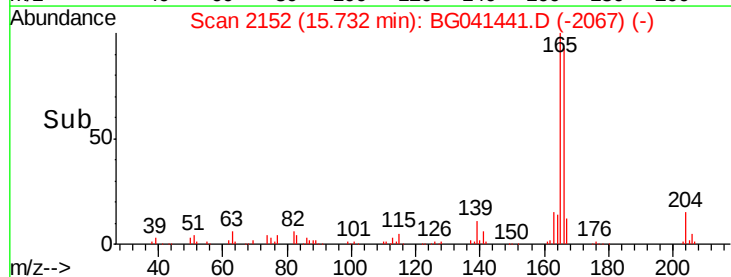
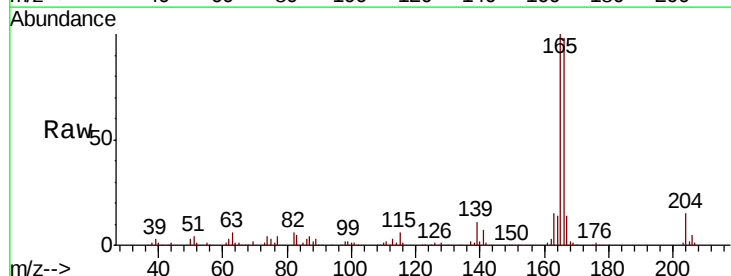
Tgt Ion:166 Resp: 137026

Ion Ratio Lower Upper

166 100

165 102.1 78.8 118.2

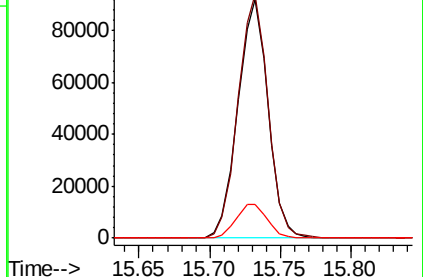
167 14.1 11.3 16.9

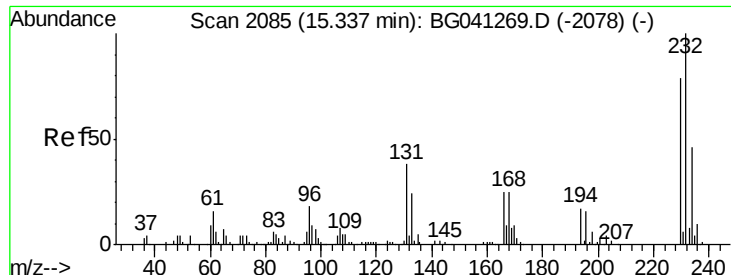


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

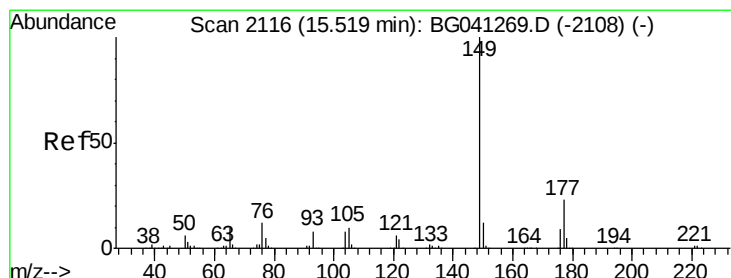
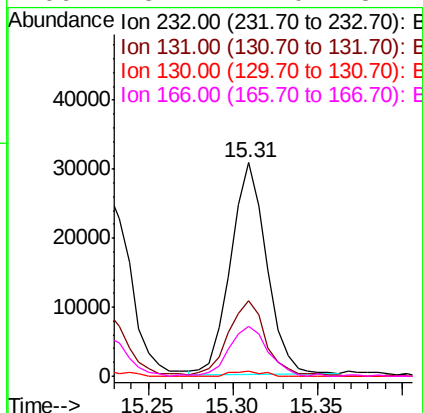
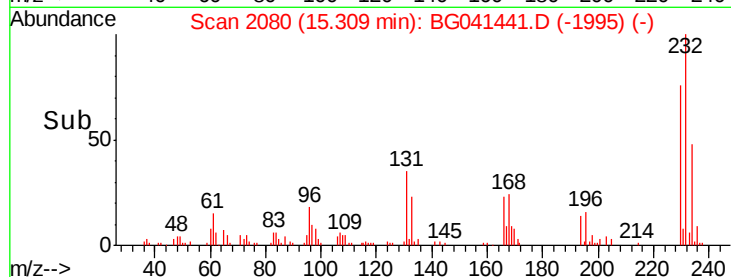
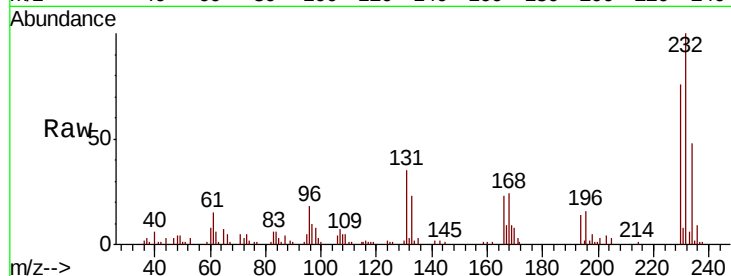




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 19.085 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.03 min
 Lab File: BG041441.D
 Acq: 25 Jun 2019 3:33

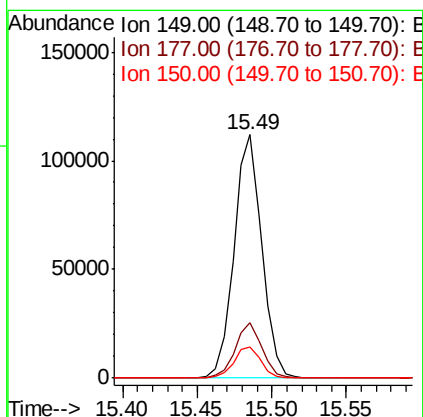
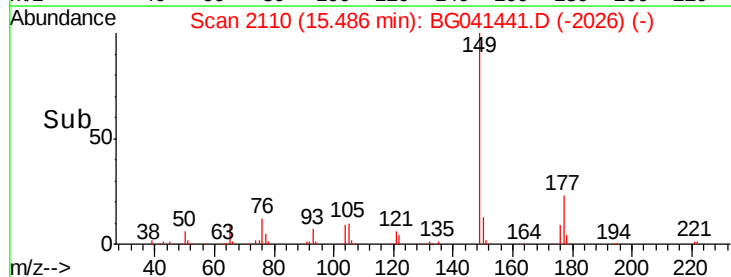
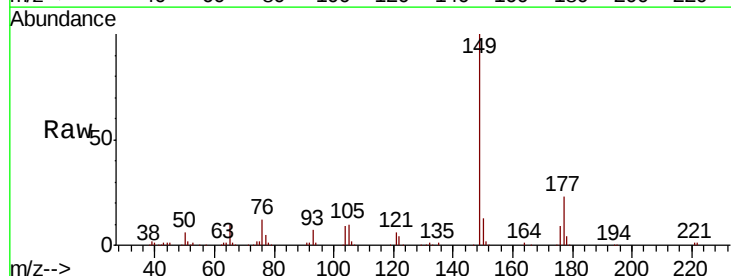
Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MS

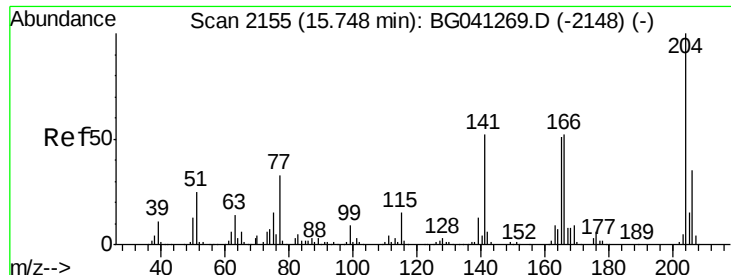
Tgt Ion:	232	Resp:	45183
Ion	Ratio	Lower	Upper
232	100		
131	37.7	29.0	43.6
130	2.2	1.6	2.4
166	25.7	21.0	31.4



#60
 Diethylphthalate
 Concen: 18.350 ng
 RT: 15.49 min Scan# 2110
 Delta R.T. -0.03 min
 Lab File: BG041441.D
 Acq: 25 Jun 2019 3:33

Tgt Ion:	149	Resp:	144544
Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.4	27.6
150	13.1	9.9	14.9

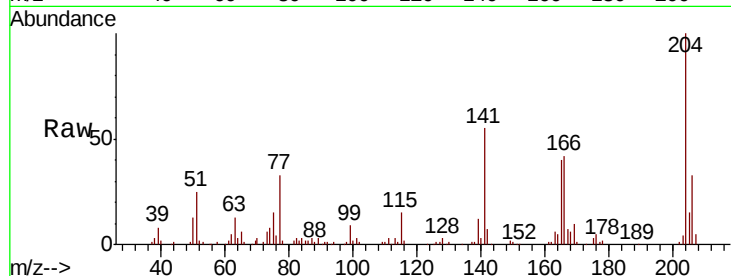




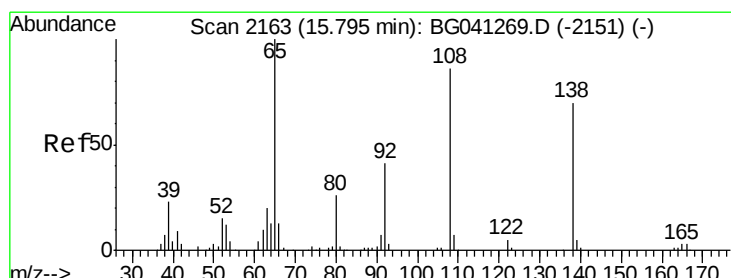
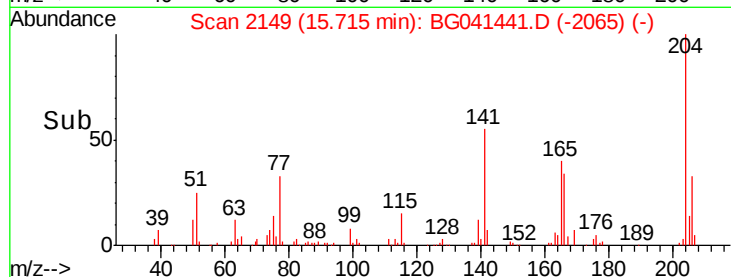
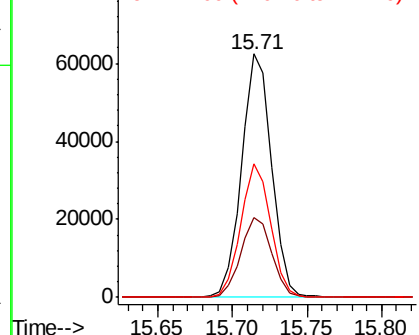
#61
4-Chlorophenyl-phenylether
Concen: 19.361 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tgt Ion:204 Resp: 87034
Ion Ratio Lower Upper
204 100
206 32.8 27.9 41.9
141 55.1 41.4 62.0

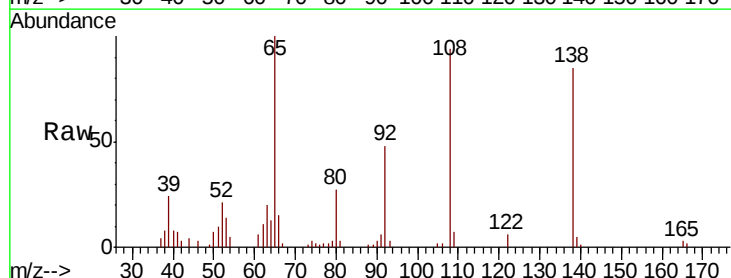


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

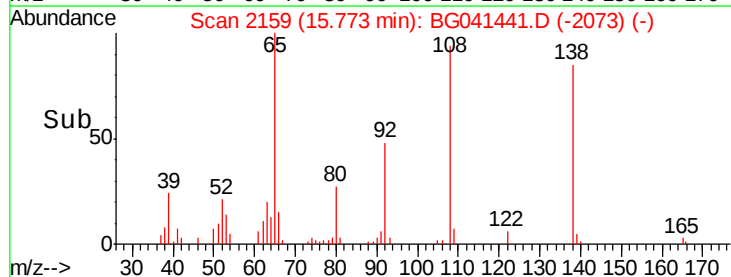
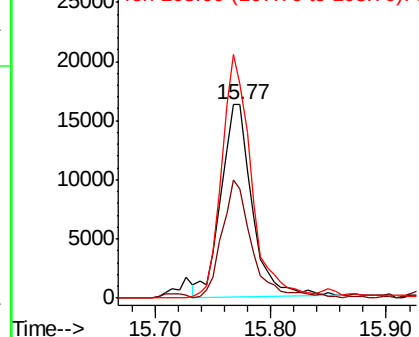


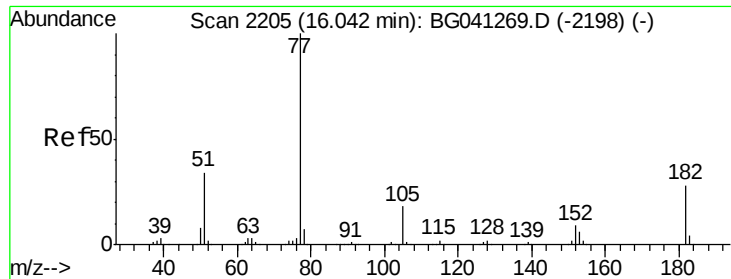
#62
4-Nitroaniline
Concen: 17.660 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.02 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Tgt Ion:138 Resp: 30409
Ion Ratio Lower Upper
138 100
92 56.2 38.8 78.8
108 110.6 103.4 143.4



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





#63

Azobenzene

Concen: 18.805 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MS

Tgt Ion: 77 Resp: 132148

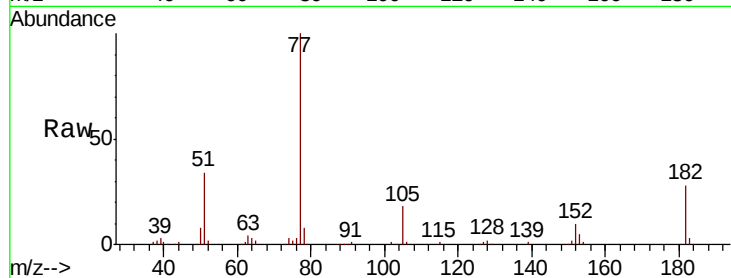
Ion Ratio Lower Upper

77 100

182 28.4 7.5 47.5

105 18.1 0.0 37.7

51 34.4 14.6 54.6

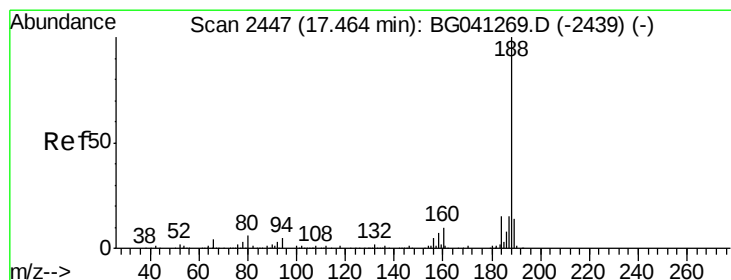
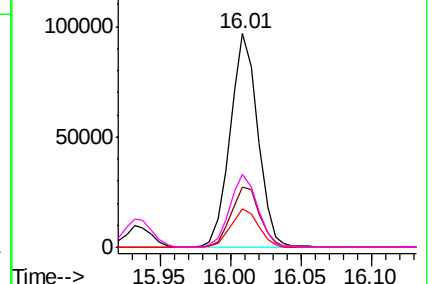
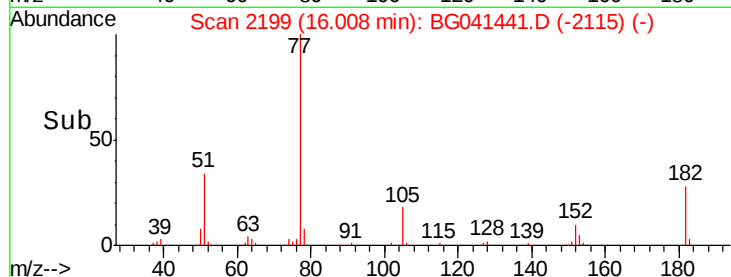


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

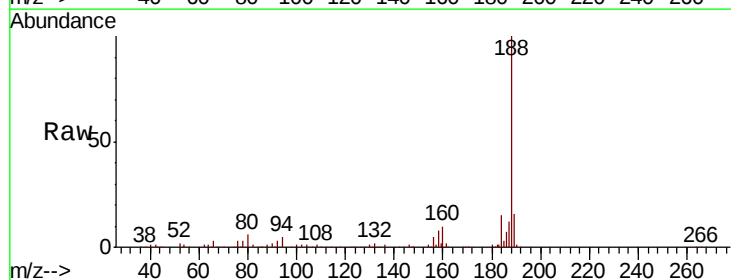
Tgt Ion: 188 Resp: 213300

Ion Ratio Lower Upper

188 100

94 5.0 3.6 5.4

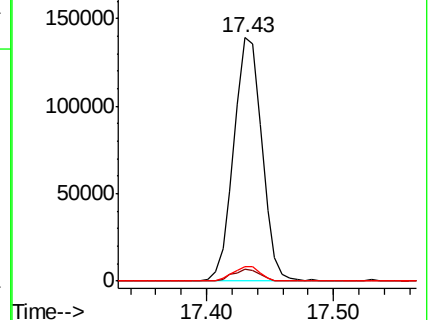
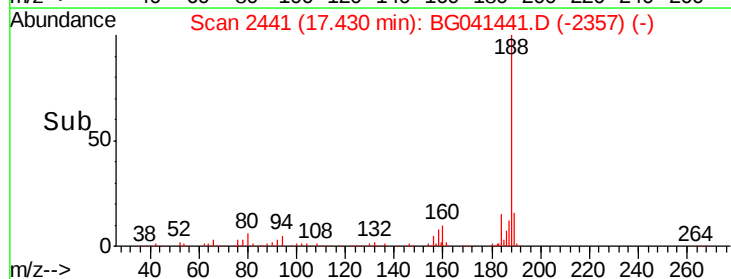
80 6.0 4.8 7.2

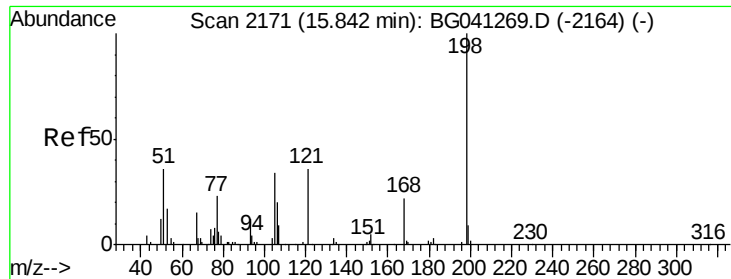


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

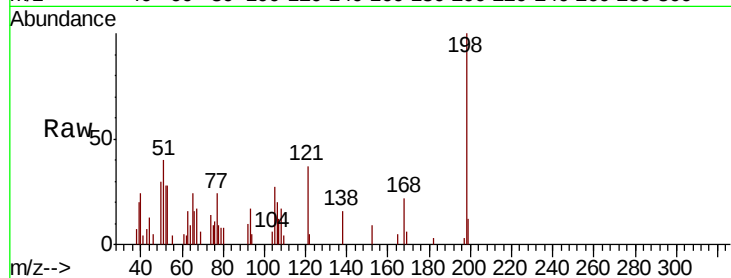




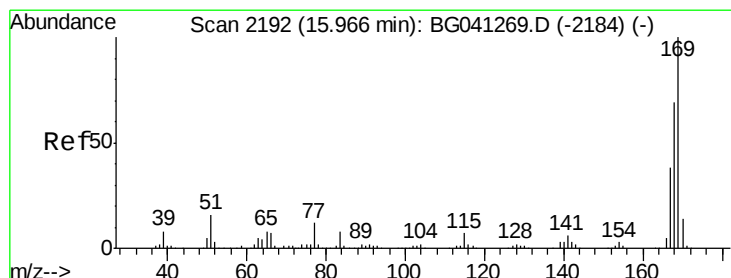
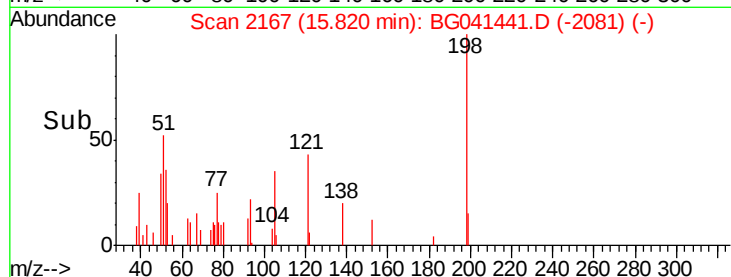
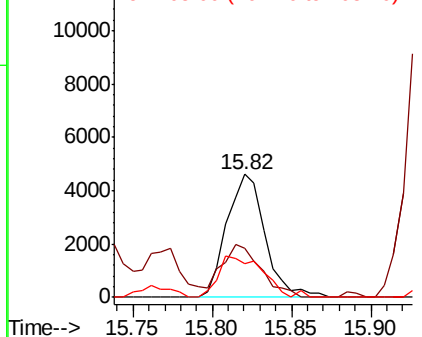
#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.544 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.02 min
 Lab File: BG041441.D
 Acq: 25 Jun 2019 3:33

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MS

Tgt Ion:198 Resp: 7676
 Ion Ratio Lower Upper
 198 100
 51 40.1 23.4 63.4
 105 27.4 15.8 55.8

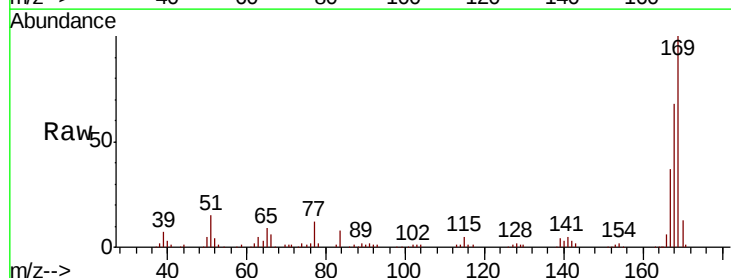


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

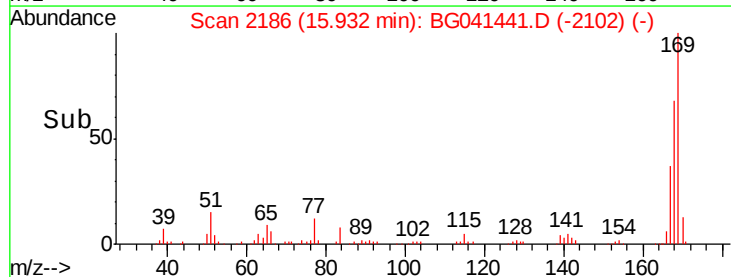
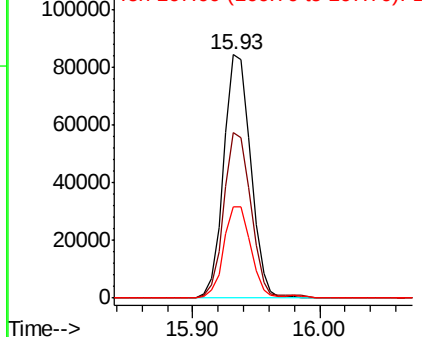


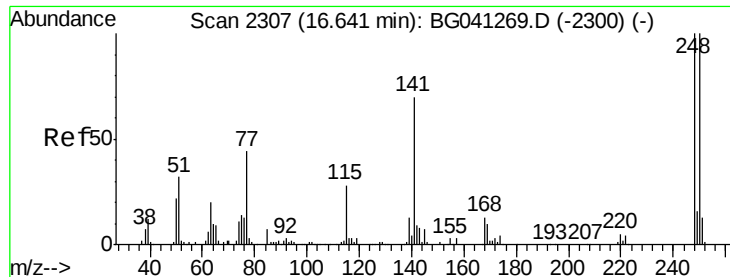
#66
 n-Nitrosodiphenylamine
 Concen: 21.886 ng
 RT: 15.93 min Scan# 2186
 Delta R.T. -0.03 min
 Lab File: BG041441.D
 Acq: 25 Jun 2019 3:33

Tgt Ion:169 Resp: 123956
 Ion Ratio Lower Upper
 169 100
 168 67.9 55.2 82.8
 167 37.4 30.4 45.6



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

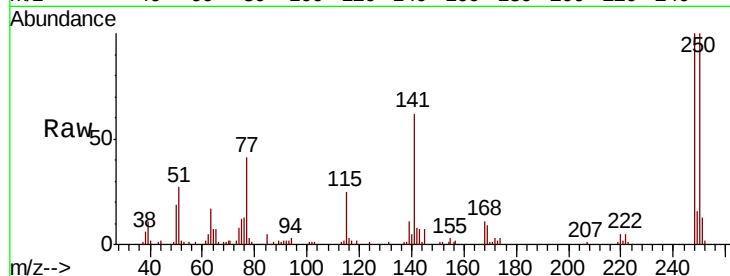




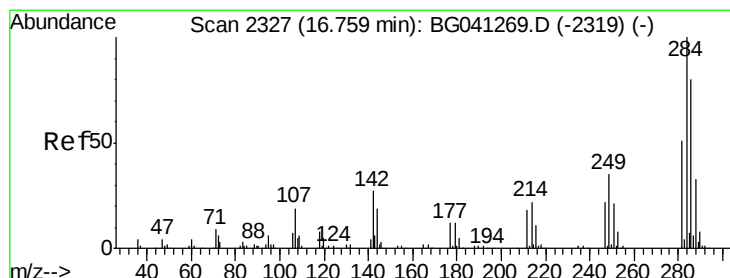
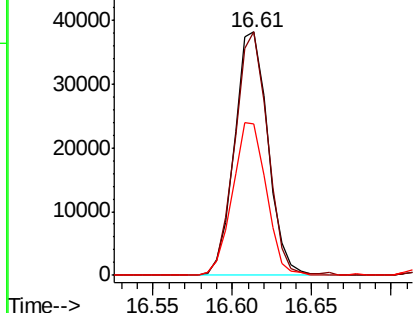
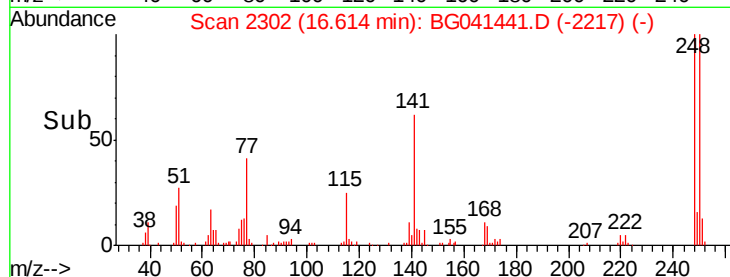
#67
4-Bromophenyl-phenylether
Concen: 20.225 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tgt Ion:248 Resp: 55782
Ion Ratio Lower Upper
248 100
250 99.9 79.8 119.8
141 62.3 55.8 83.6

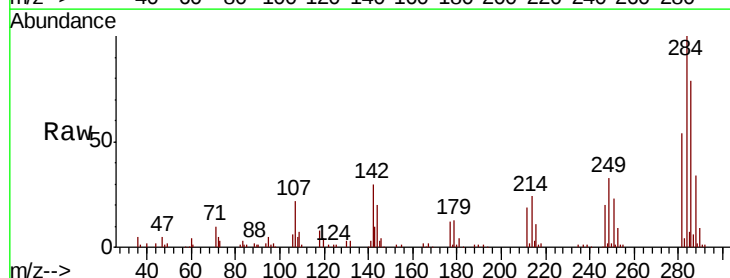


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

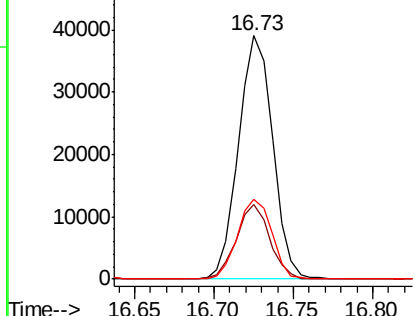
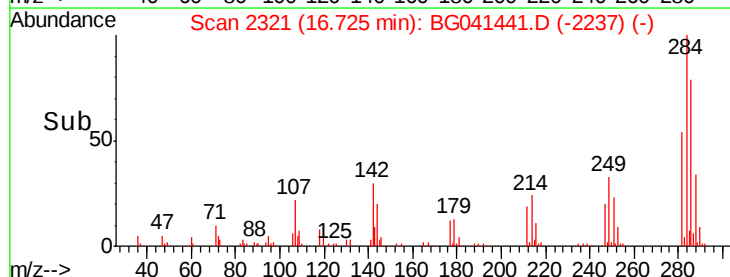


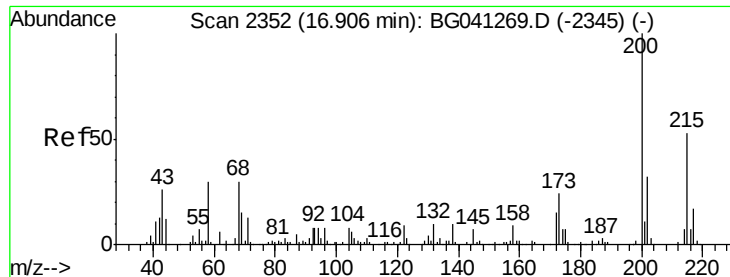
#68
Hexachlorobenzene
Concen: 19.789 ng
RT: 16.73 min Scan# 2321
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Tgt Ion:284 Resp: 58445
Ion Ratio Lower Upper
284 100
142 30.5 21.8 32.8
249 35.2 27.8 41.6



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





#69

Atrazine

Concen: 20.353 ng

RT: 16.87 min Scan# 2346

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MS

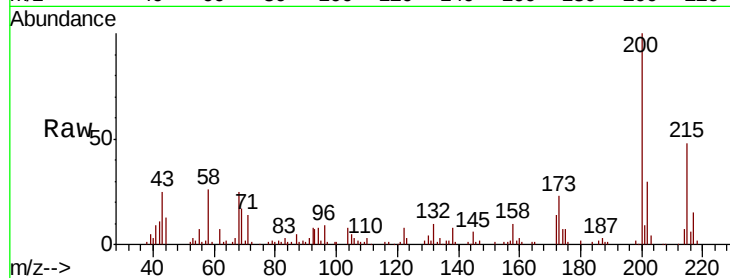
Tgt Ion:200 Resp: 51182

Ion Ratio Lower Upper

200 100

173 23.0 4.0 44.0

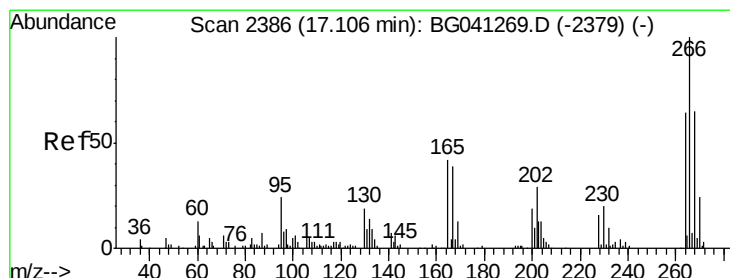
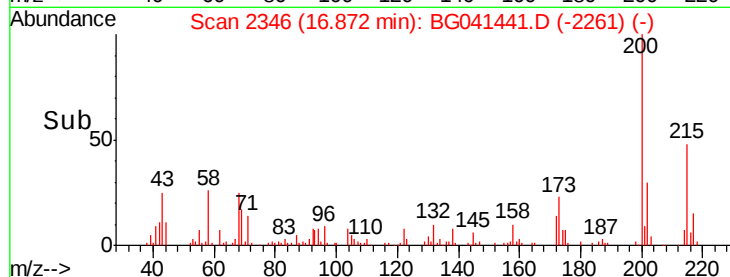
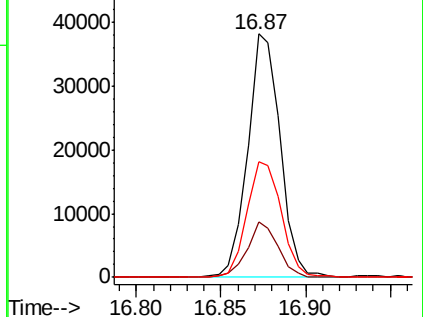
215 47.7 33.4 73.4



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



#70

Pentachlorophenol

Concen: 37.406 ng

RT: 17.08 min Scan# 2382

Delta R.T. -0.02 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

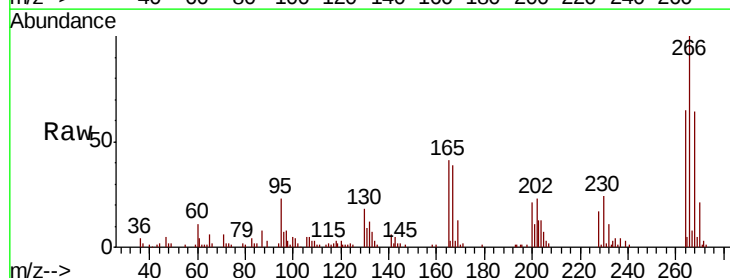
Tgt Ion:266 Resp: 56570

Ion Ratio Lower Upper

266 100

268 64.5 52.0 78.0

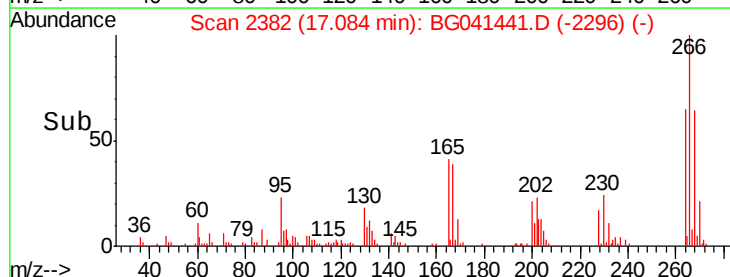
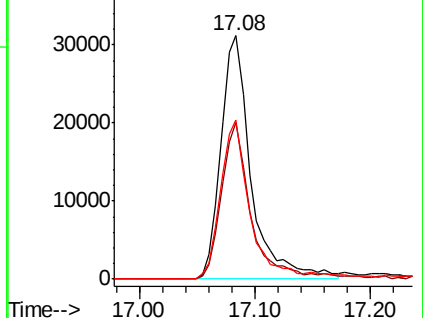
264 65.1 51.2 76.8

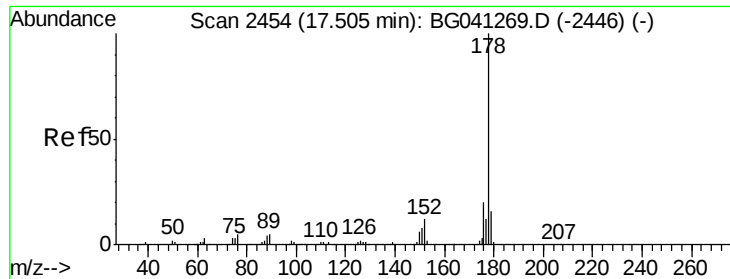


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 20.593 ng

RT: 17.47 min Scan# 2448

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MS

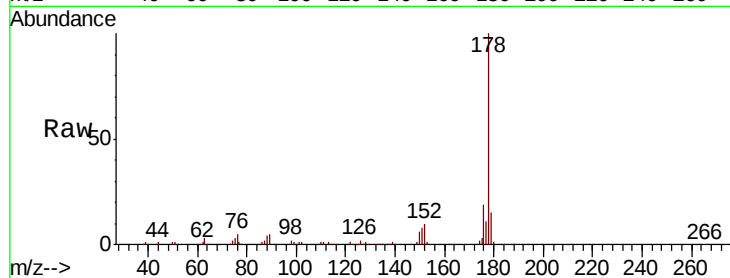
Tgt Ion:178 Resp: 234264

Ion Ratio Lower Upper

178 100

176 18.9 16.1 24.1

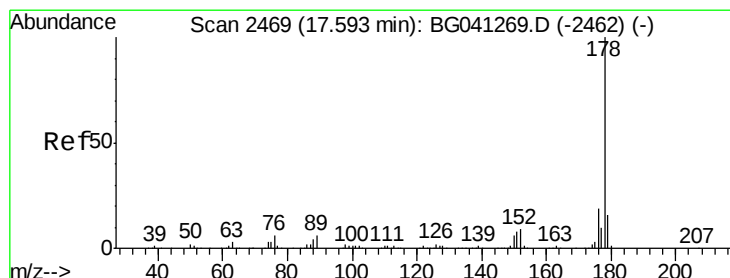
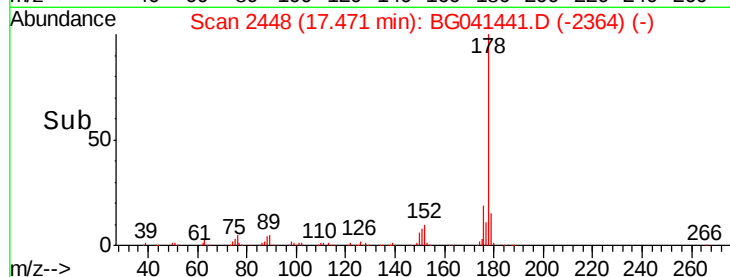
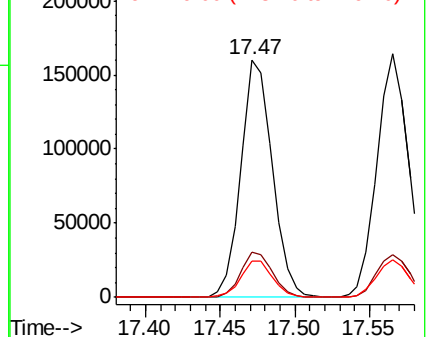
179 15.1 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 21.608 ng

RT: 17.57 min Scan# 2464

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

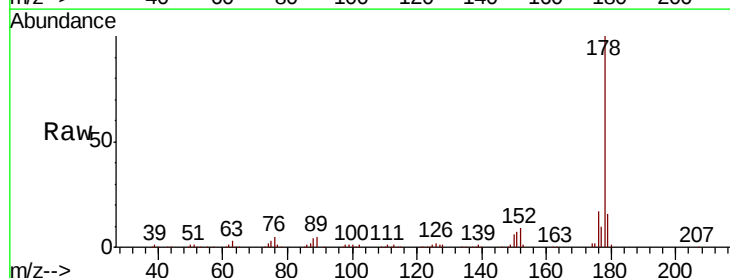
Tgt Ion:178 Resp: 242342

Ion Ratio Lower Upper

178 100

176 17.3 15.4 23.2

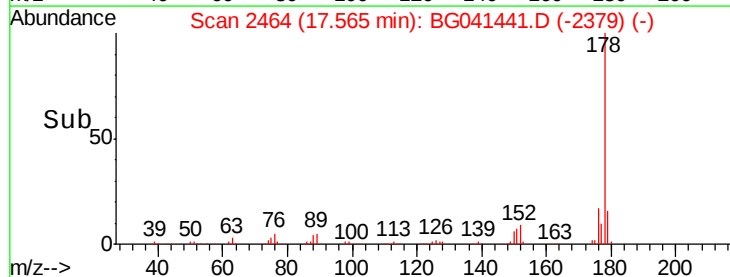
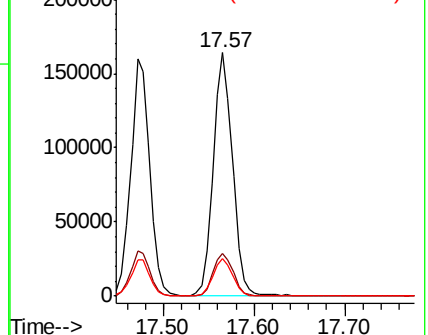
179 15.7 13.0 19.4

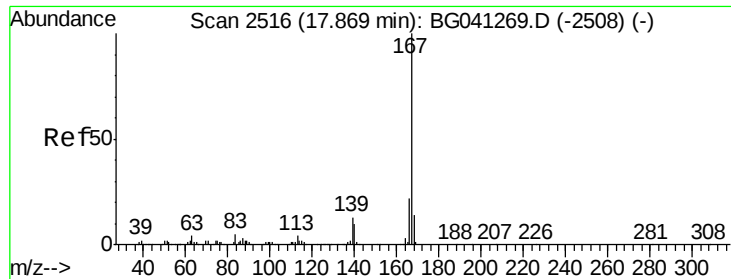


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

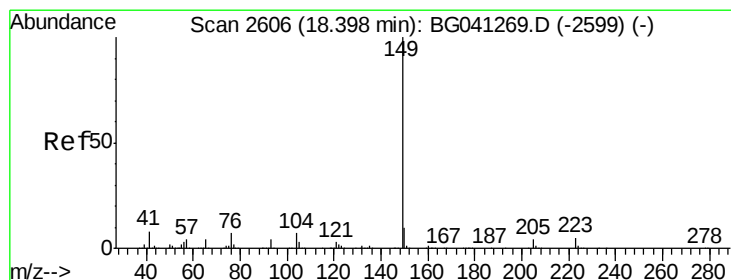
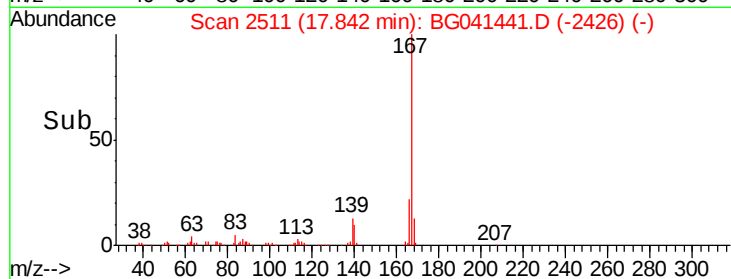
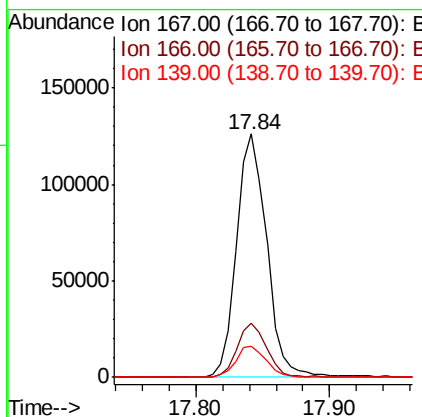
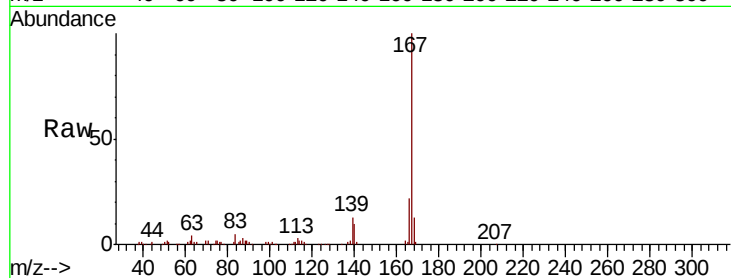




#73
 Carbazole
 Concen: 20.115 ng
 RT: 17.84 min Scan# 2511
 Delta R.T. -0.03 min
 Lab File: BG041441.D
 Acq: 25 Jun 2019 3:33

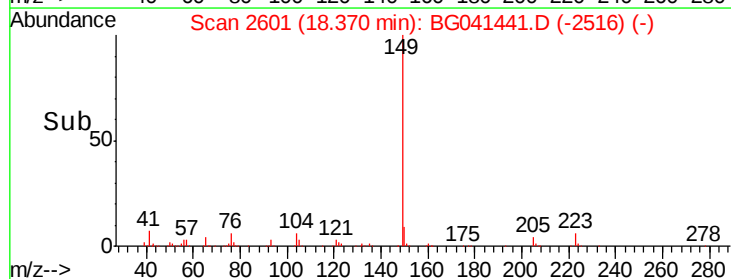
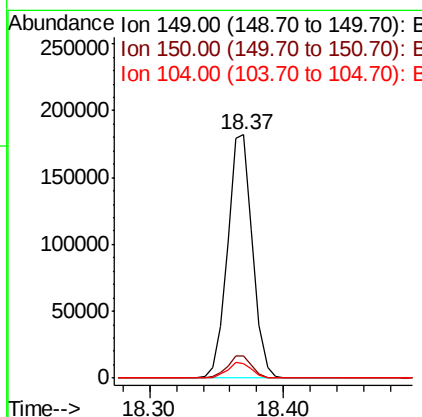
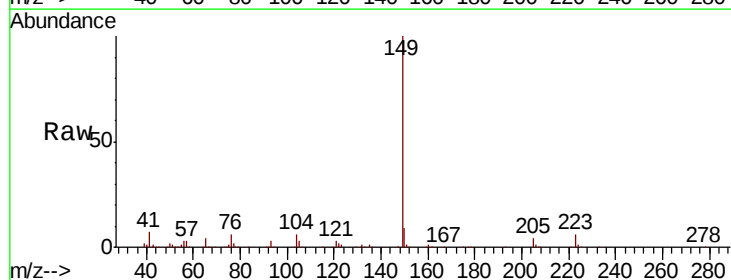
Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MS

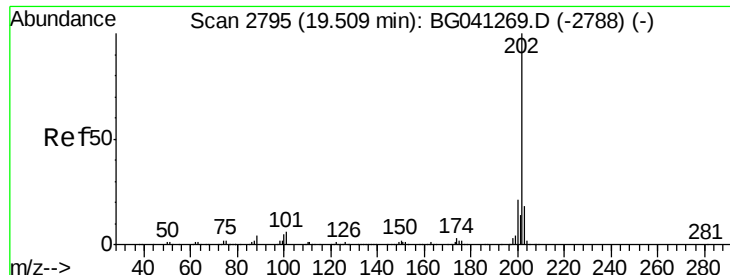
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.9	26.9
139	13.0	10.7	16.1



#74
 Di-n-butylphthalate
 Concen: 19.399 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.03 min
 Lab File: BG041441.D
 Acq: 25 Jun 2019 3:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	8.1	12.1
104	6.1	5.4	8.0





#75

Fluoranthene

Concen: 19.821 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MS

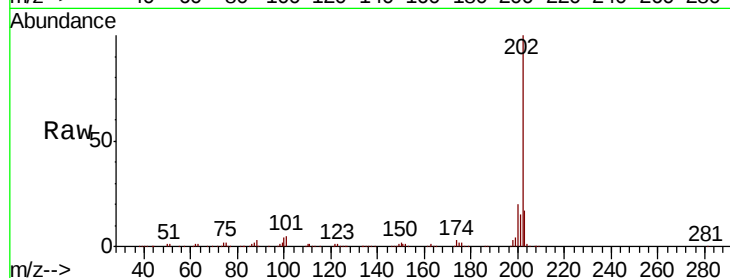
Tgt Ion:202 Resp: 299556

Ion Ratio Lower Upper

202 100

101 4.9 0.0 26.0

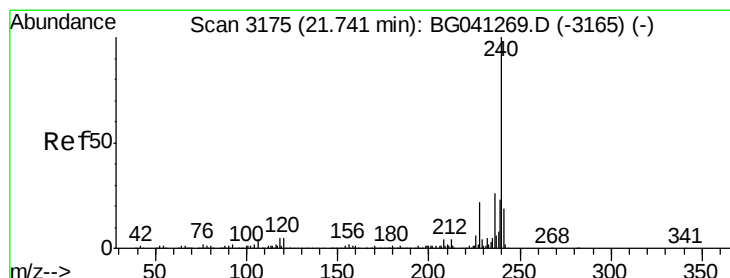
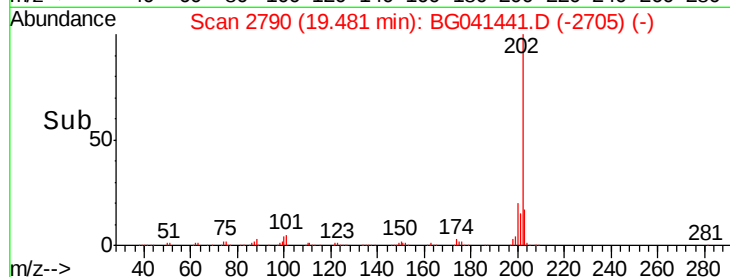
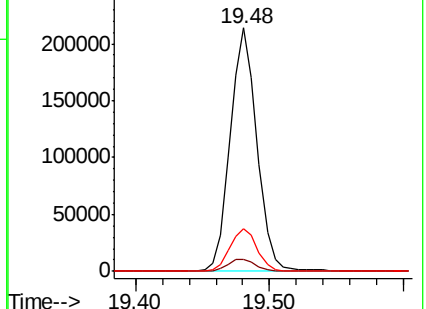
203 17.5 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

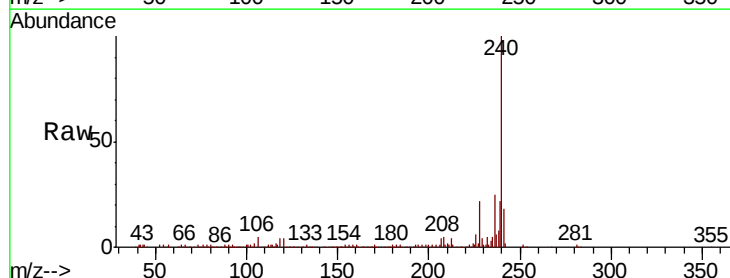
Tgt Ion:240 Resp: 211226

Ion Ratio Lower Upper

240 100

120 4.3 3.7 5.5

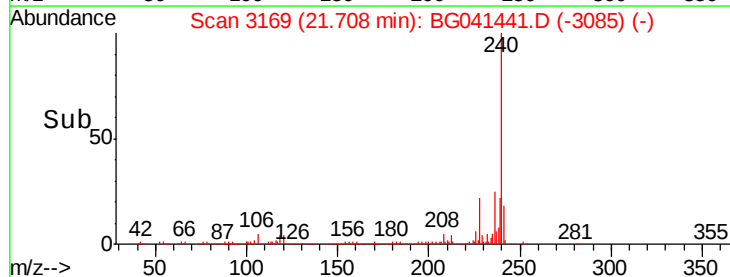
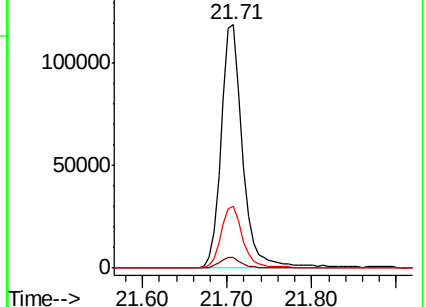
236 25.4 21.1 31.7

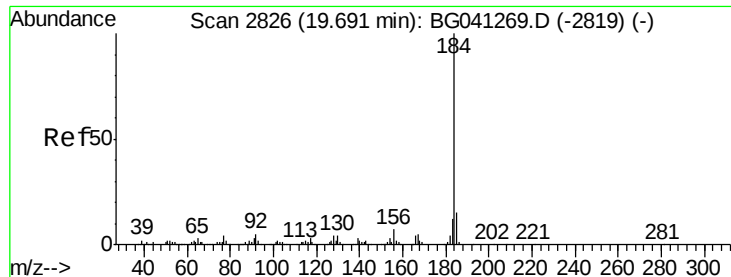


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 20.724 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.02 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MS

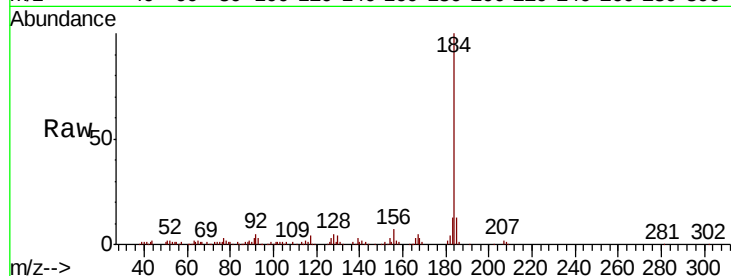
Tgt Ion:184 Resp: 105882

Ion Ratio Lower Upper

184 100

185 13.5 12.2 18.2

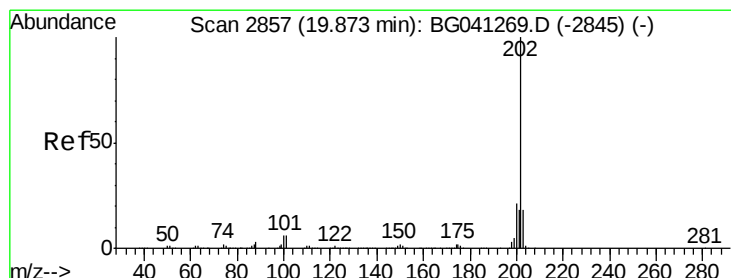
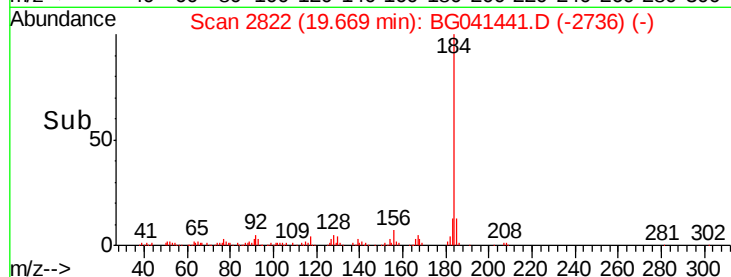
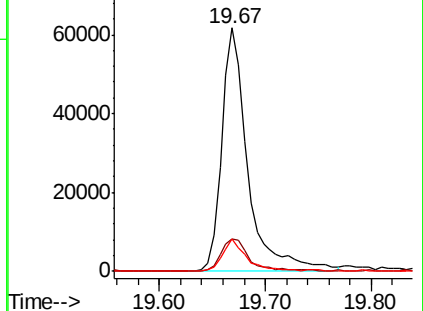
183 13.3 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 21.253 ng

RT: 19.85 min Scan# 2852

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

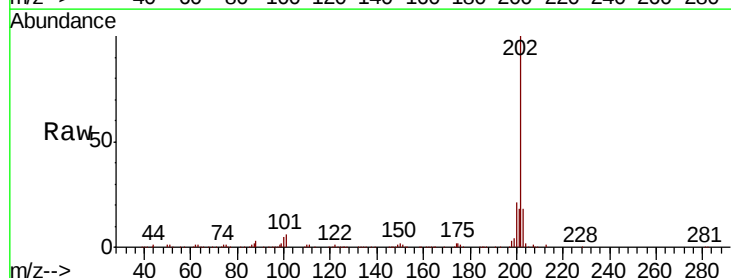
Tgt Ion:202 Resp: 302760

Ion Ratio Lower Upper

202 100

200 21.2 16.8 25.2

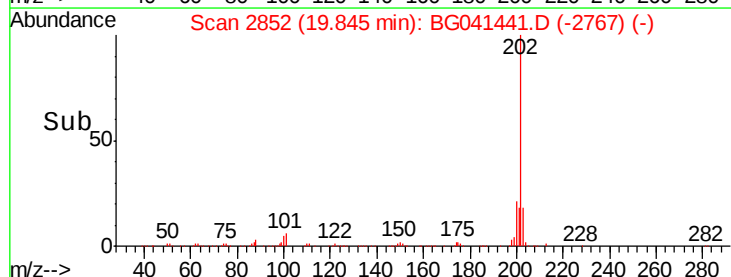
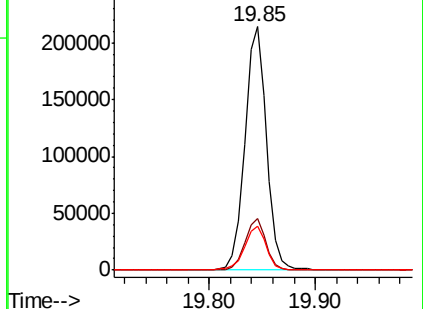
203 18.1 14.6 21.8

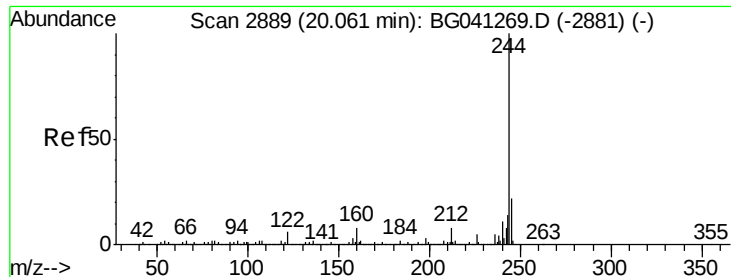


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 45.797 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MS

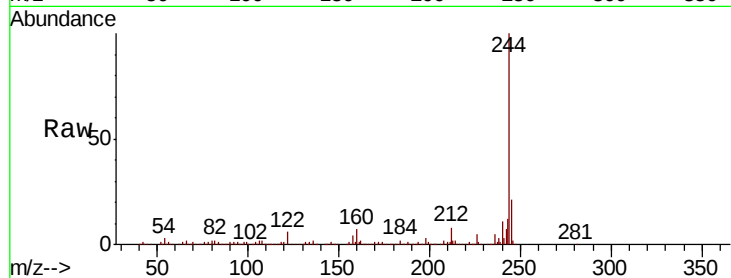
Tgt Ion:244 Resp: 488124

Ion Ratio Lower Upper

244 100

212 8.0 6.6 10.0

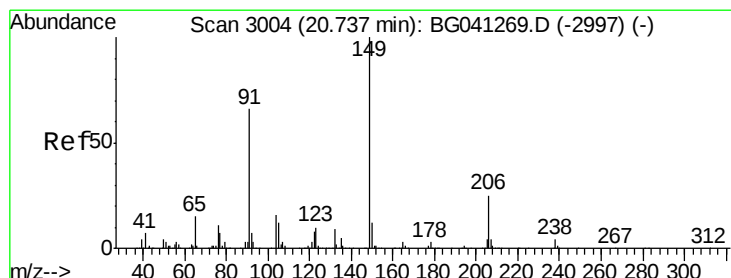
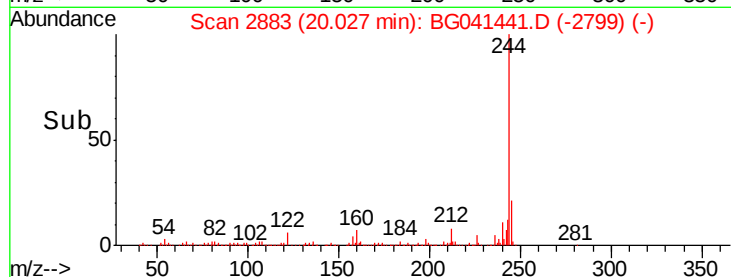
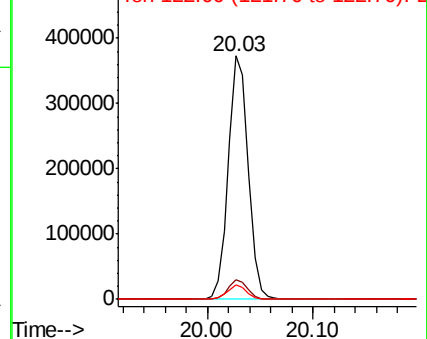
122 6.2 5.0 7.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 19.659 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

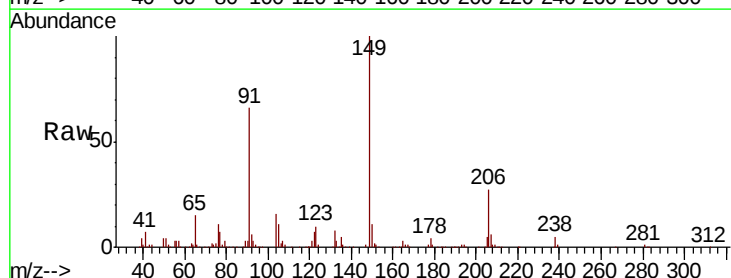
Tgt Ion:149 Resp: 105929

Ion Ratio Lower Upper

149 100

91 65.8 53.2 79.8

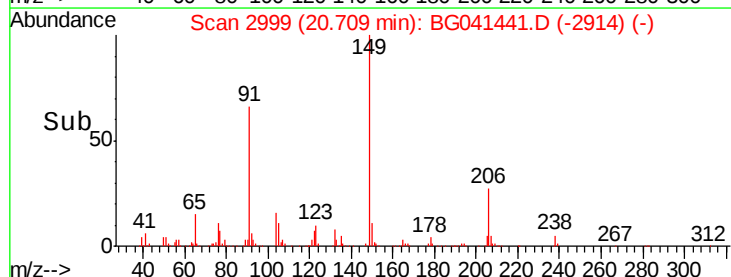
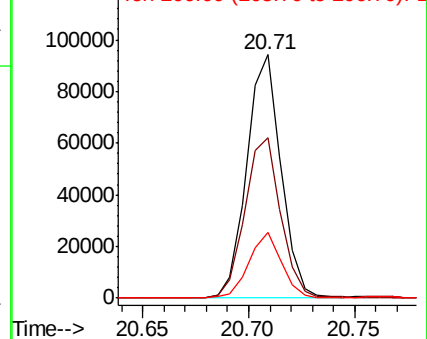
206 26.9 20.3 30.5

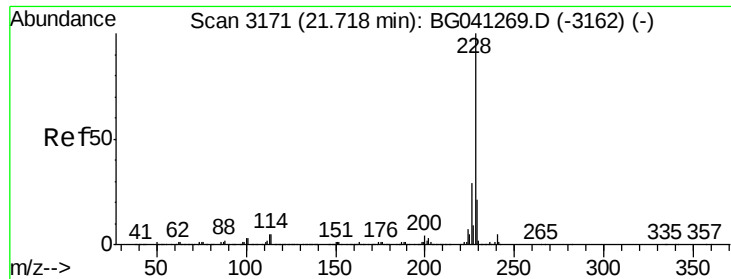


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 19.704 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MS

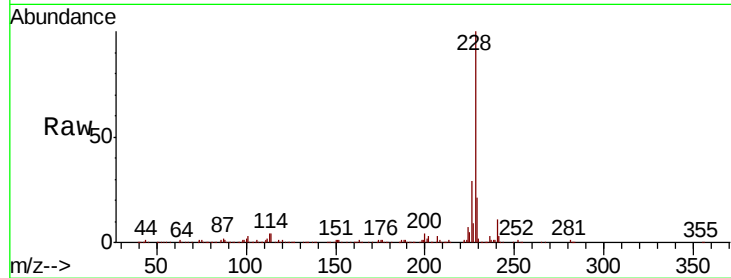
Tgt Ion:228 Resp: 281798

Ion Ratio Lower Upper

228 100

226 28.6 23.2 34.8

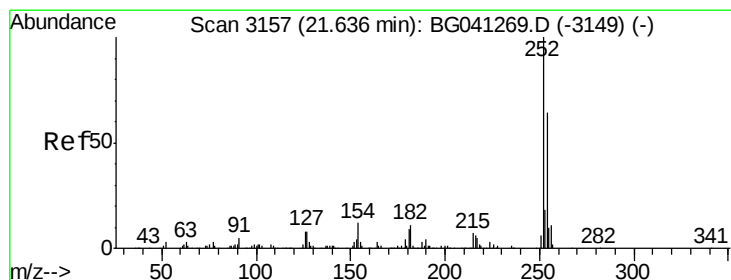
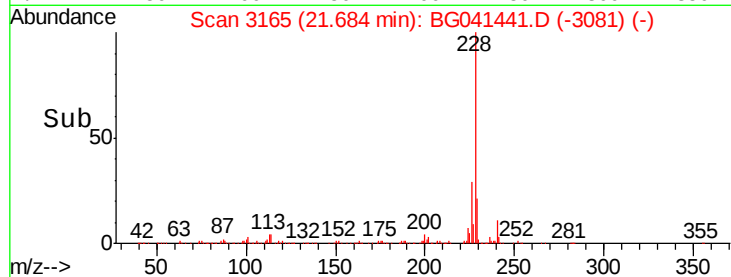
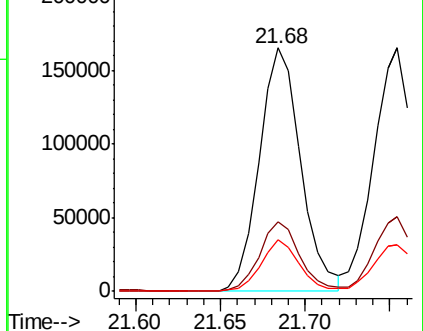
229 21.2 16.8 25.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 16.735 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

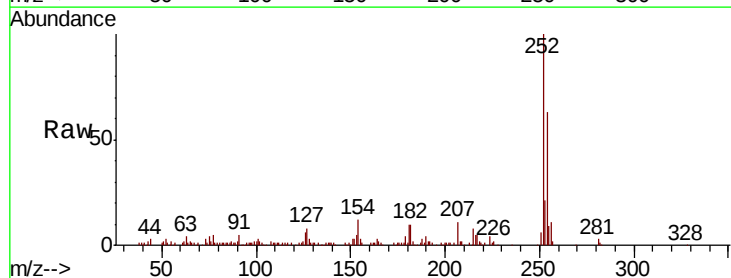
Tgt Ion:252 Resp: 84016

Ion Ratio Lower Upper

252 100

254 62.9 51.4 77.0

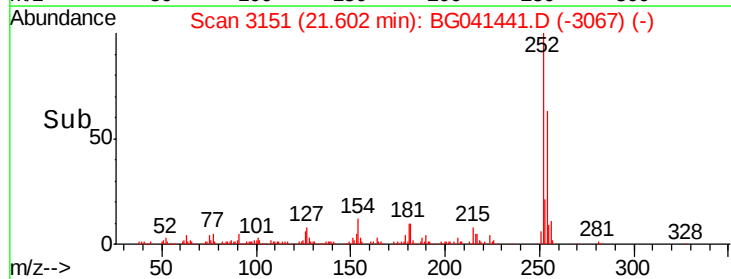
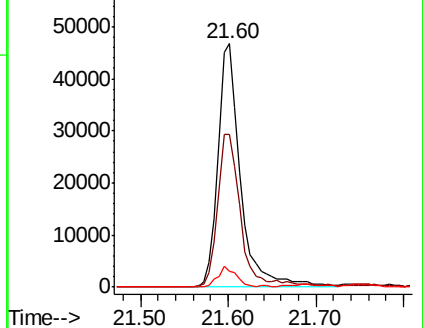
126 6.4 6.0 9.0

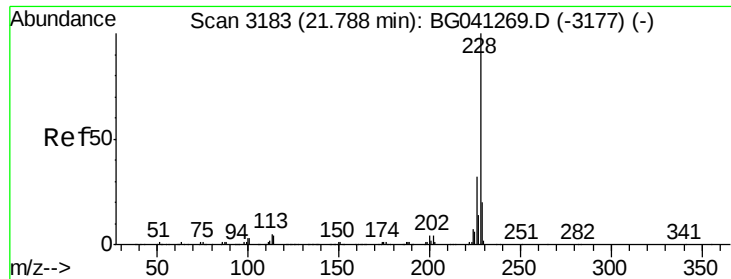


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 21.286 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MS

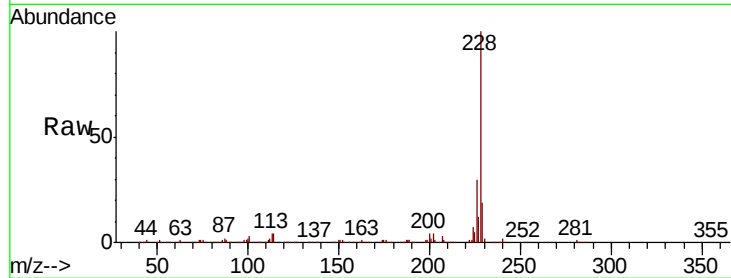
Tgt Ion:228 Resp: 292758

Ion Ratio Lower Upper

228 100

226 30.5 25.4 38.0

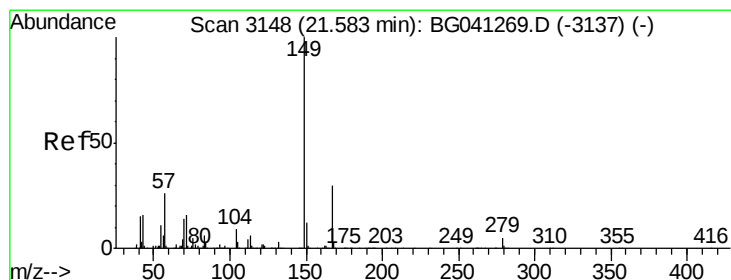
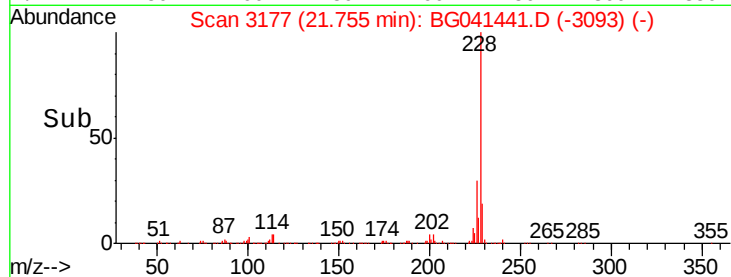
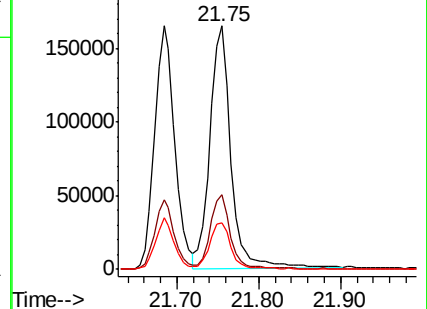
229 19.2 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 20.501 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

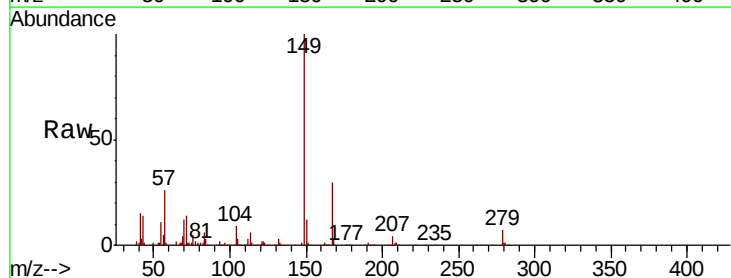
Tgt Ion:149 Resp: 150540

Ion Ratio Lower Upper

149 100

167 30.5 23.8 35.8

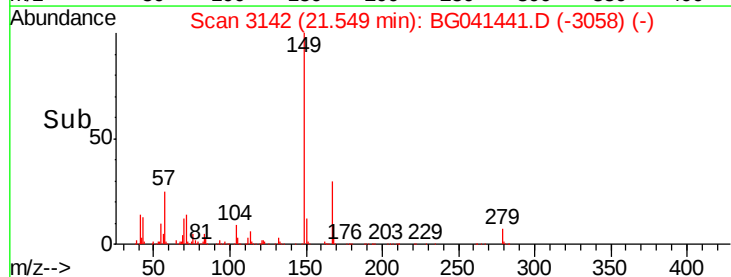
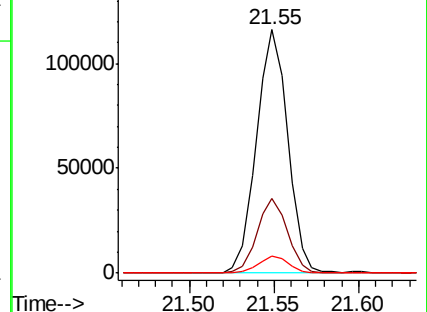
279 7.0 4.4 6.6#

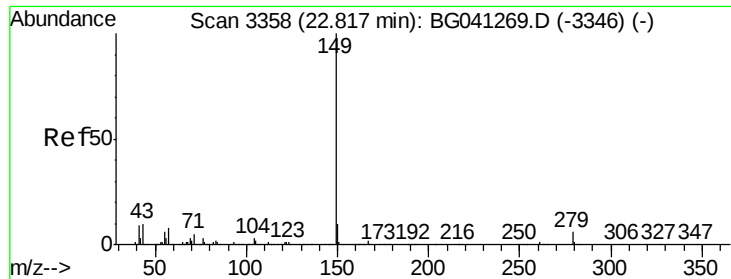


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

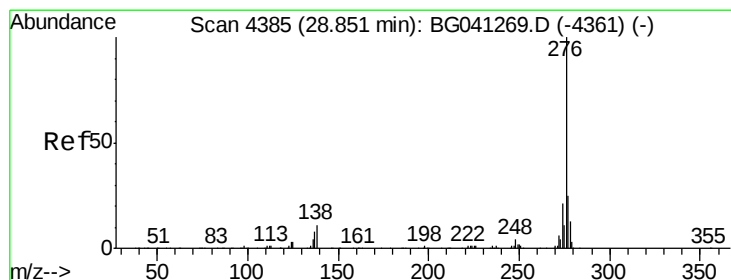
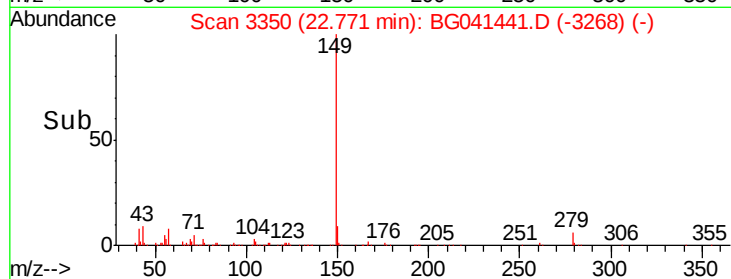
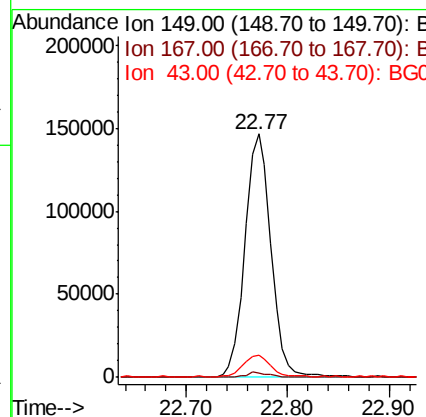
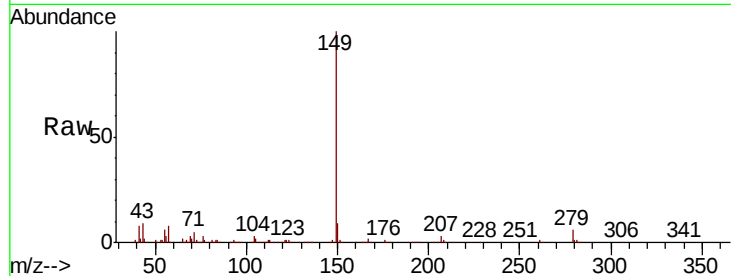




#85
Di-n-octyl phthalate
Concen: 20.860 ng
RT: 22.77 min Scan# 3350
Delta R.T. -0.05 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

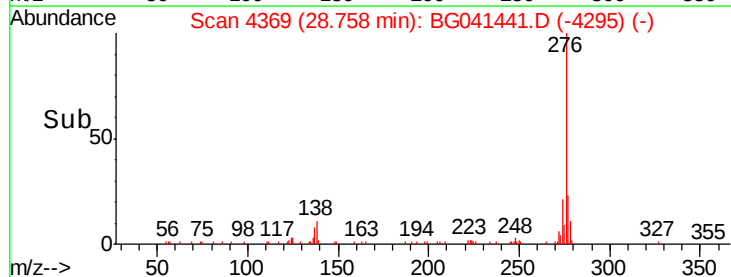
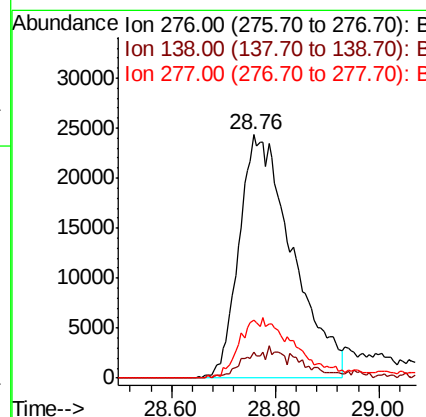
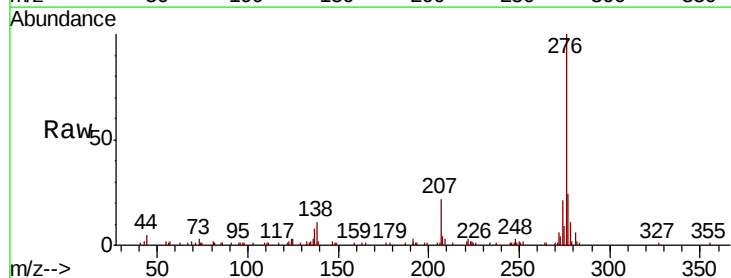
Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

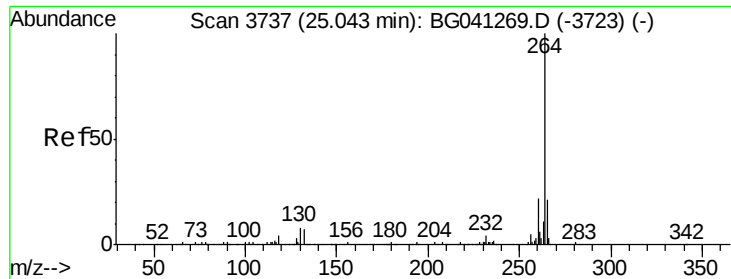
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.9	8.2	12.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 10.668 ng
RT: 28.76 min Scan# 4369
Delta R.T. -0.09 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	4.1	7.7	11.5#
277	9.7	20.6	31.0#



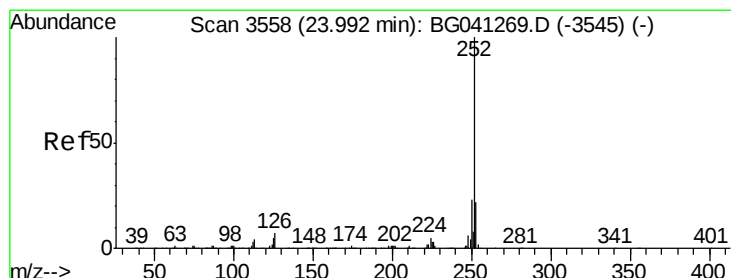
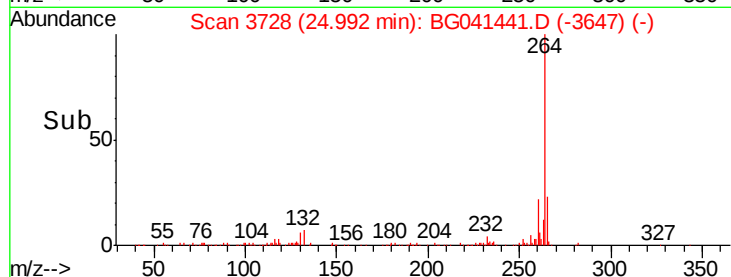
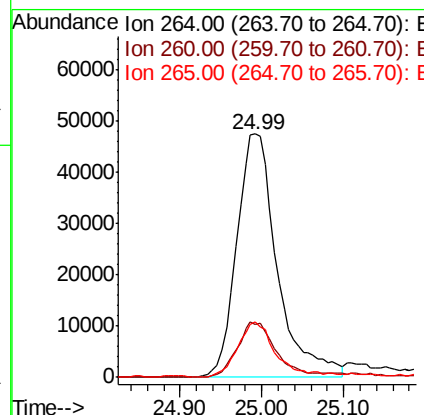
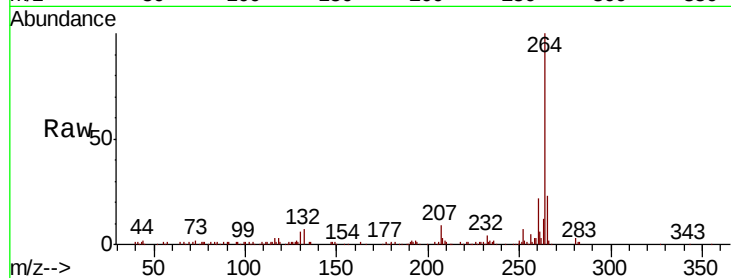


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.99 min Scan# 3728
Delta R.T. -0.05 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tgt Ion: 264 Resp: 163879

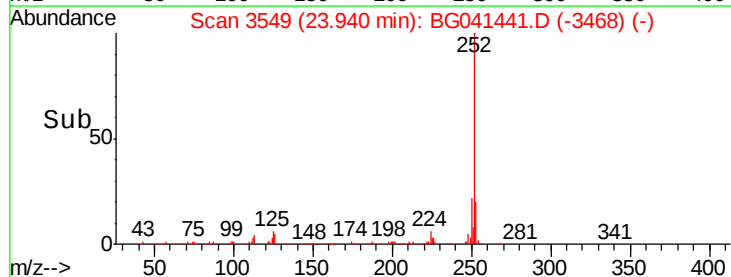
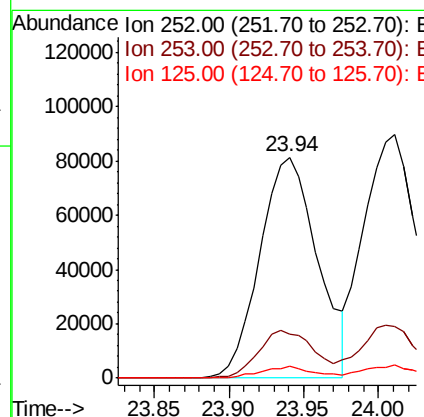
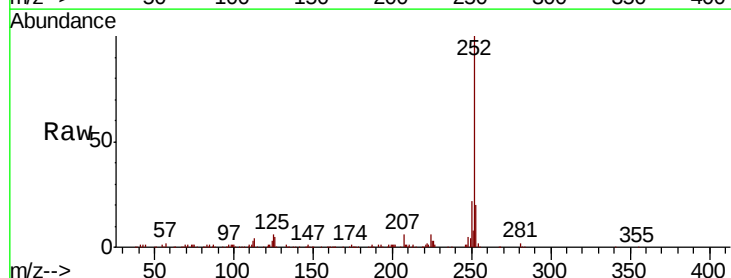
Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.4	26.2
265	22.6	17.2	25.8

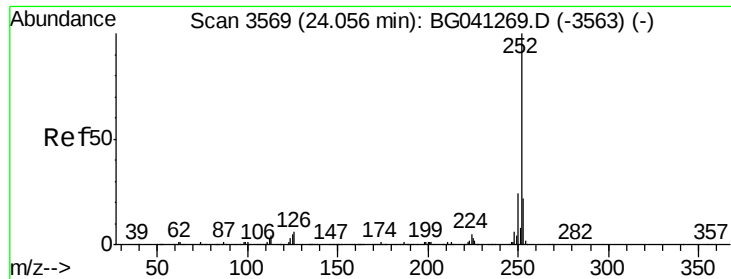


#88
Benzo(b)fluoranthene
Concen: 21.535 ng
RT: 23.94 min Scan# 3549
Delta R.T. -0.05 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Tgt Ion: 252 Resp: 218708

Ion	Ratio	Lower	Upper
252	100		
253	20.1	17.4	26.0
125	5.7	3.9	5.9

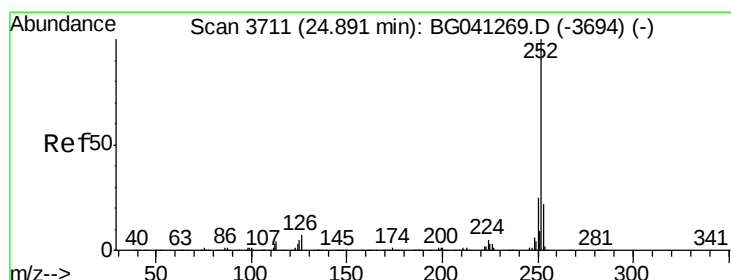
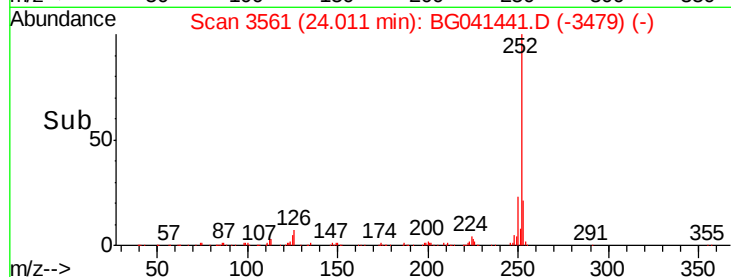
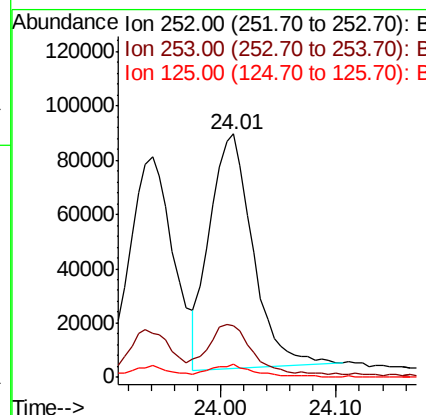
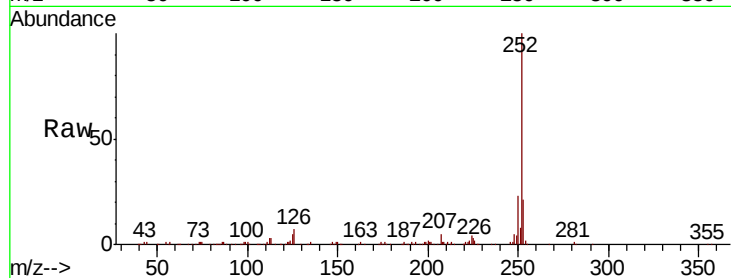




#89
Benzo(k)fluoranthene
Concen: 22.321 ng
RT: 24.01 min Scan# 3561
Delta R.T. -0.05 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

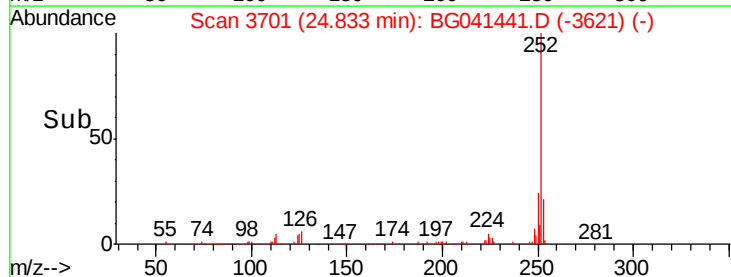
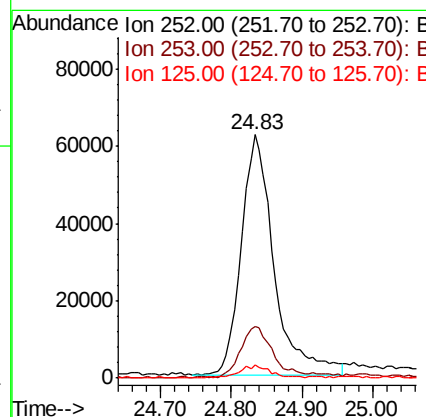
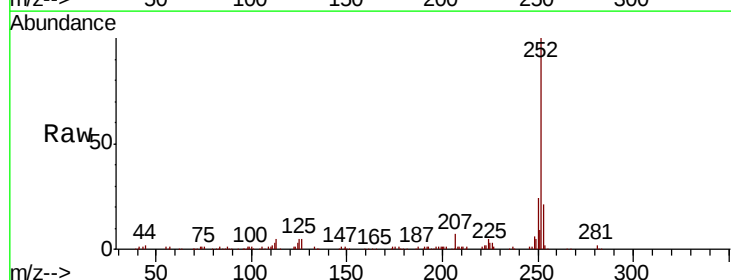
Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

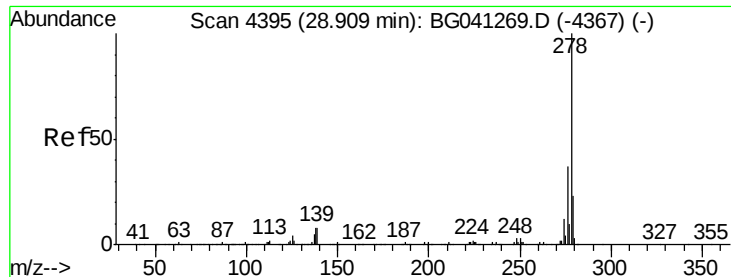
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.0	27.0
125	5.3	4.3	6.5



#90
Benzo(a)pyrene
Concen: 21.039 ng
RT: 24.83 min Scan# 3701
Delta R.T. -0.06 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.8	26.6
125	5.2	4.2	6.4





#91

Dibenzo(a,h)anthracene

Concen: 15.958 ng

RT: 28.83 min Scan# 4382

Delta R.T. -0.07 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MS

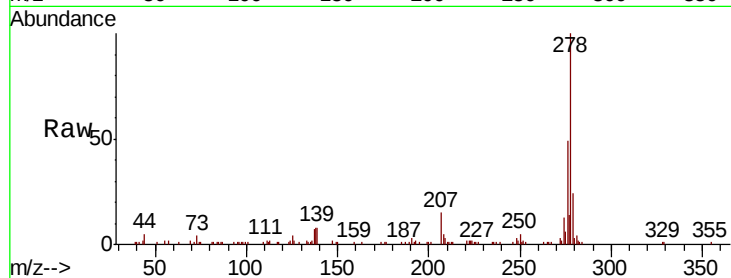
Tgt Ion:278 Resp: 154097

Ion Ratio Lower Upper

278 100

139 7.6 6.6 10.0

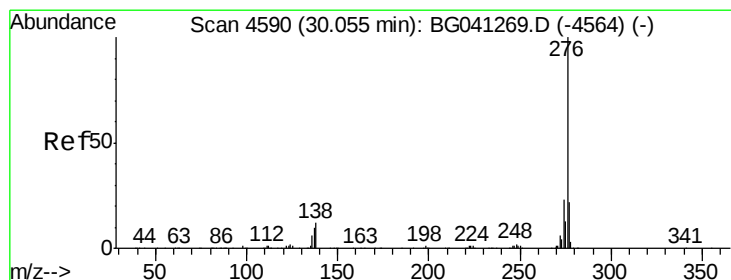
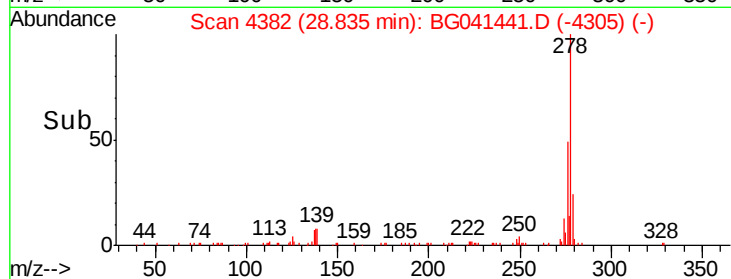
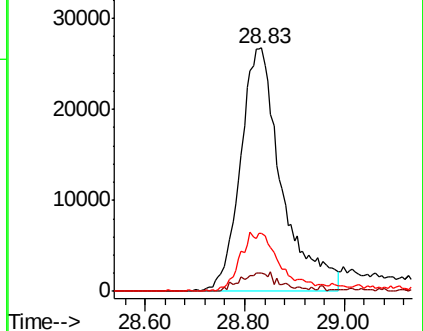
279 23.6 18.5 27.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 12.579 ng

RT: 29.96 min Scan# 4573

Delta R.T. -0.10 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

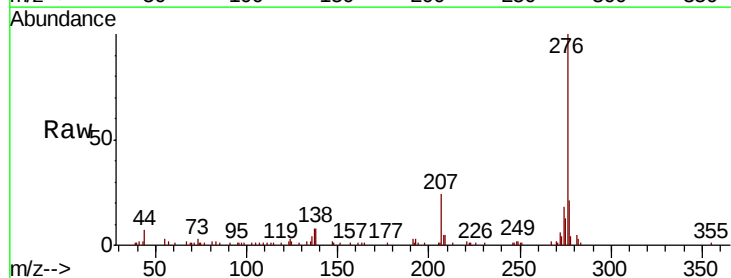
Tgt Ion:276 Resp: 120043

Ion Ratio Lower Upper

276 100

277 20.7 17.9 26.9

138 7.8 9.4 14.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

