

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041519\
 Data File : BG040477.D
 Acq On : 15 Apr 2019 12:57
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 15 14:20:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 13 00:33:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	51110	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	216137	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	143093	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	391082	20.00	ng	0.00
76) Chrysene-d12	21.70	240	422416	20.00	ng	0.00
87) Perylene-d12	24.98	264	433225	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	253631	82.50	ng	0.00
7) Phenol-d6	7.20	99	353468	83.19	ng	0.00
23) Nitrobenzene-d5	9.22	82	334612	82.29	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	146726	94.88	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	779753	80.75	ng	0.00
79) Terphenyl-d14	20.02	244	1414831	75.35	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.50	88	57609	39.850	ng	98
3) Pyridine	3.90	79	160394	41.208	ng	99
4) n-Nitrosodimethylamine	3.82	42	69330	38.506	ng	# 90
6) Aniline	7.37	93	217905	39.474	ng	99
8) 2-Chlorophenol	7.61	128	144973	40.282	ng	97
9) Benzaldehyde	7.19	77	119800	41.104	ng	97
10) Phenol	7.23	94	190057	41.210	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	145730	39.452	ng	98
12) 1,3-Dichlorobenzene	7.93	146	158115	40.415	ng	98
13) 1,4-Dichlorobenzene	8.08	146	158948	40.792	ng	97
14) 1,2-Dichlorobenzene	8.40	146	154002	41.329	ng	97
15) Benzyl Alcohol	8.29	79	132900	38.839	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.56	45	284396	40.117	ng	95
17) 2-Methylphenol	8.48	107	127388	39.917	ng	99
18) Hexachloroethane	9.12	117	58814	39.681	ng	100
19) n-Nitroso-di-n-propylamine	8.85	70	114811	37.688	ng	97
20) 3+4-Methylphenols	8.81	107	167812	38.816	ng	97
22) Acetophenone	8.88	105	219635	40.737	ng	# 98
24) Nitrobenzene	9.27	77	173790	41.273	ng	94
25) Isophorone	9.78	82	330269	39.474	ng	99
26) 2-Nitrophenol	9.98	139	82684	41.441	ng	96
27) 2,4-Dimethylphenol	10.02	122	130527	41.185	ng	94
28) bis(2-Chloroethoxy)methane	10.26	93	197777	39.955	ng	99
29) 2,4-Dichlorophenol	10.51	162	146192	42.497	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	156189	41.349	ng	97
31) Naphthalene	10.91	128	459393	41.467	ng	100
32) Benzoic acid	10.17	122	33454	17.471	ng	87
33) 4-Chloroaniline	11.03	127	200746	42.480	ng	98
34) Hexachlorobutadiene	11.17	225	96074	39.770	ng	97
35) Caprolactam	11.82	113	62808	46.008	ng	95
36) 4-Chloro-3-methylphenol	12.14	107	178797	45.211	ng	99
37) 2-Methylnaphthalene	12.51	142	339584	41.445	ng	98
38) 1-Methylnaphthalene	12.73	142	332716	41.876	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	177750	39.083	ng	100

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 Data File : BG040477.D
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 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 15 14:20:37 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	93385	37.396	ng	95
43) 2,4,6-Trichlorophenol	13.11	196	114970	39.209	ng	94
44) 2,4,5-Trichlorophenol	13.19	196	131951	41.285	ng	99
46) 1,1'-Biphenyl	13.51	154	455616	40.298	ng	99
47) 2-Chloronaphthalene	13.56	162	354396	40.864	ng	98
48) 2-Nitroaniline	13.77	65	128131	43.800	ng	95
49) Acenaphthylene	14.41	152	608877	41.408	ng	99
50) Dimethylphthalate	14.13	163	482350	43.071	ng	99
51) 2,6-Dinitrotoluene	14.26	165	111384	44.295	ng	99
52) Acenaphthene	14.74	154	348912	41.410	ng	96
53) 3-Nitroaniline	14.60	138	123344	46.339	ng	92
54) 2,4-Dinitrophenol	14.81	184	41320	30.898	ng	95
55) Dibenzofuran	15.08	168	587171	43.369	ng	99
56) 4-Nitrophenol	14.90	139	129219	60.150	ng	98
57) 2,4-Dinitrotoluene	15.05	165	166441	47.636	ng	97
58) Fluorene	15.72	166	467968	43.963	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	126864	43.742	ng	97
60) Diethylphthalate	15.48	149	523504	45.681	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	248798	43.727	ng	97
62) 4-Nitroaniline	15.76	138	139008	48.663	ng	96
63) Azobenzene	16.00	77	485517	44.915	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	86504	39.371	ng	98
66) n-Nitrosodiphenylamine	15.93	169	447309	39.086	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	171444	38.955	ng	99
68) Hexachlorobenzene	16.72	284	171736	38.810	ng	95
69) Atrazine	16.87	200	159861	37.551	ng	97
70) Pentachlorophenol	17.07	266	124709	48.747	ng	96
71) Phenanthrene	17.47	178	840103	40.869	ng	99
72) Anthracene	17.56	178	846819	41.158	ng	99
73) Carbazole	17.83	167	842594	43.273	ng	99
74) Di-n-butylphthalate	18.36	149	1008684	43.702	ng	99
75) Fluoranthene	19.48	202	1069838	43.952	ng	99
77) Benzidine	19.66	184	593530	38.910	ng	98
78) Pyrene	19.84	202	1093401	39.361	ng	99
80) Butylbenzylphthalate	20.71	149	489039	41.141	ng	98
81) Benzo(a)anthracene	21.68	228	1037768	39.886	ng	98
82) 3,3'-Dichlorobenzidine	21.60	252	400307	40.445	ng	100
83) Chrysene	21.75	228	1005039	40.193	ng	100
84) Bis(2-ethylhexyl)phthalate	21.55	149	694038	40.845	ng	99
85) Di-n-octyl phthalate	22.77	149	1166516	40.294	ng	100
86) Indeno(1,2,3-cd)pyrene	28.74	276	1185551	38.765	ng	# 88
88) Benzo(b)fluoranthene	23.93	252	1059477	39.944	ng	98
89) Benzo(k)fluoranthene	24.00	252	1016290	41.666	ng	99
90) Benzo(a)pyrene	24.83	252	1015957	40.824	ng	99
91) Dibenzo(a,h)anthracene	28.82	278	943700	40.830	ng	99
92) Benzo(g,h,i)perylene	29.94	276	950740	40.025	ng	99

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

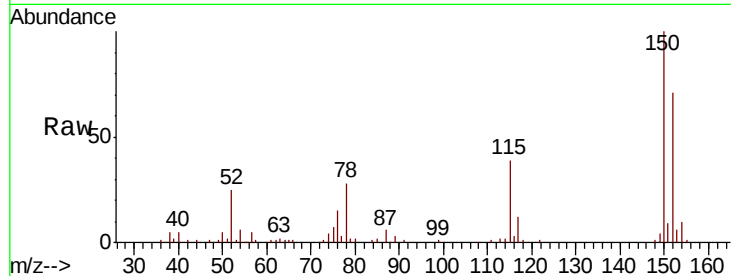


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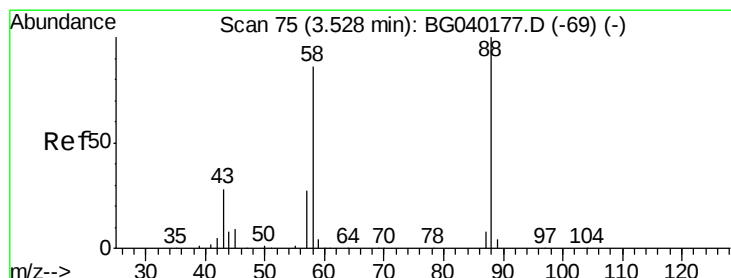
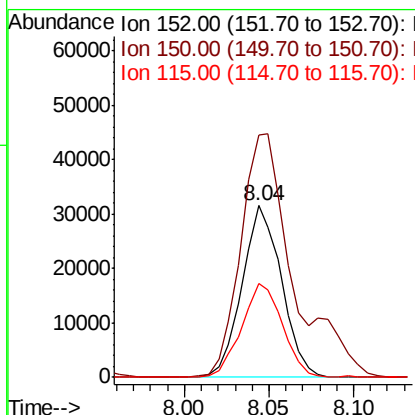
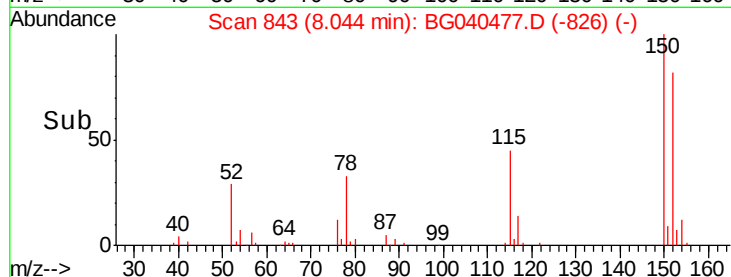
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG040477.D
Acq: 15 Apr 2019 12:57

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 51110
Ion Ratio Lower Upper
152 100
150 141.6 123.7 185.5
115 54.9 46.9 70.3



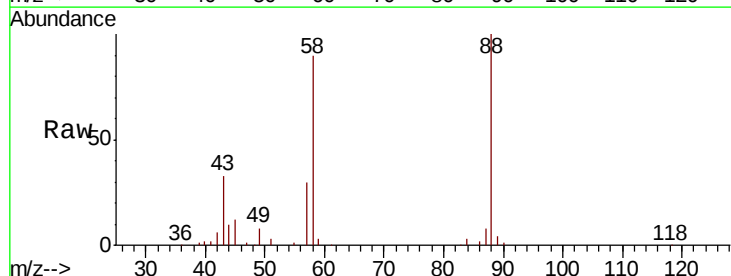
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



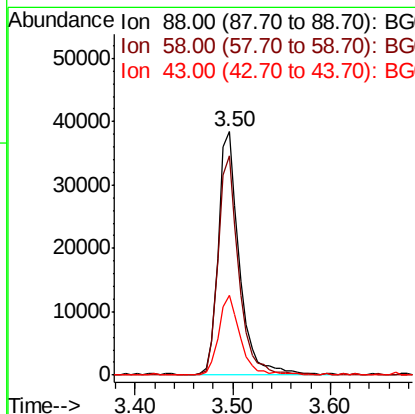
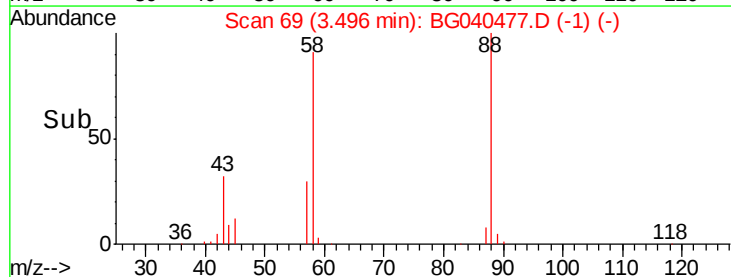
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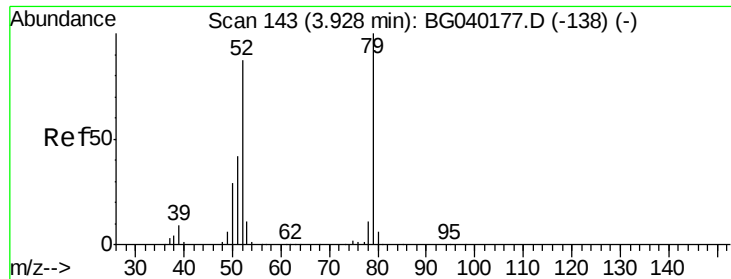
1,4-Dioxane
Concen: 39.850 ng
RT: 3.50 min Scan# 69
Delta R.T. -0.00 min
Lab File: BG040477.D
Acq: 15 Apr 2019 12:57

Tgt Ion: 88 Resp: 57609
Ion Ratio Lower Upper
88 100
58 87.8 70.6 106.0
43 33.4 24.8 37.2



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





#3

Pvridine

Concen: 41.208 ng

RT: 3.90 min Scan# 137

Delta R.T. -0.00 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

Instrument :

BNA_G

ClientSampleId :

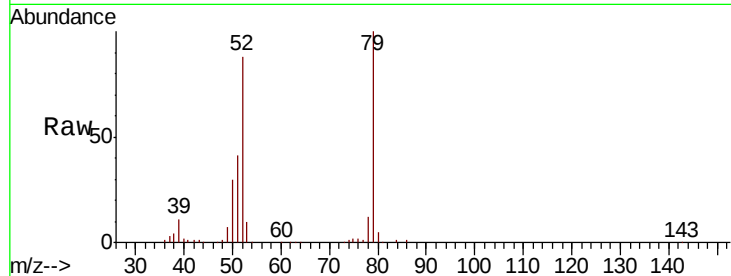
Tot Ion: 79 Resp: 160394

Ion Ratio Lower Upper

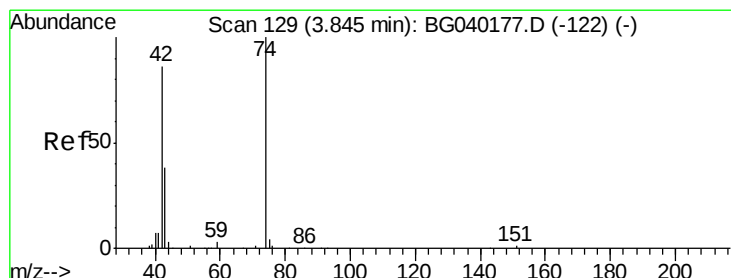
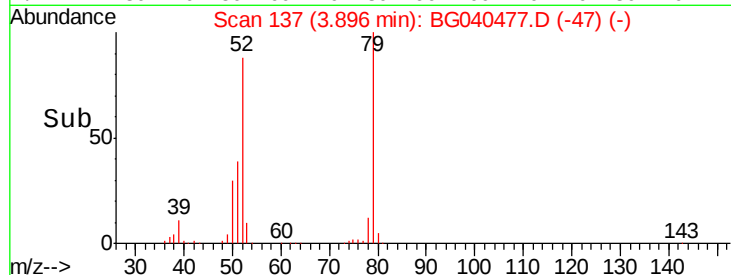
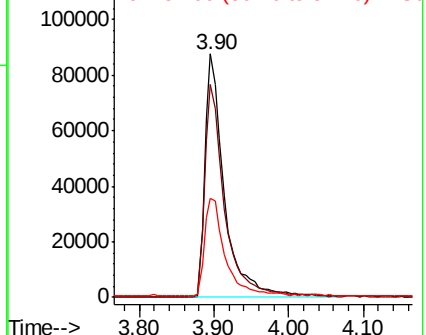
79 100

52 87.5 69.8 104.8

51 40.5 33.9 50.9



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: 38.506 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.00 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

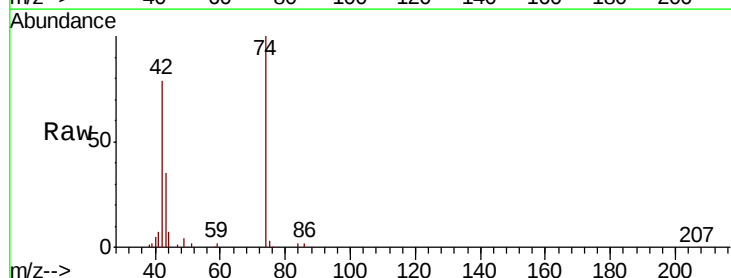
Tgt Ion: 42 Resp: 69330

Ion Ratio Lower Upper

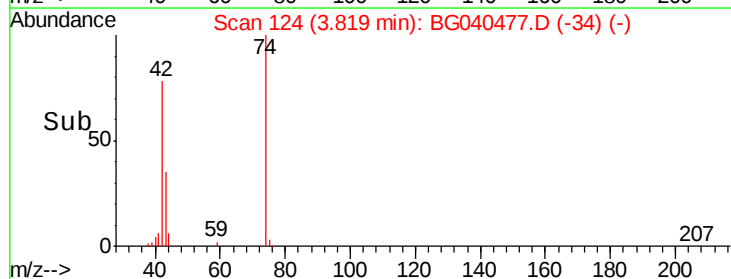
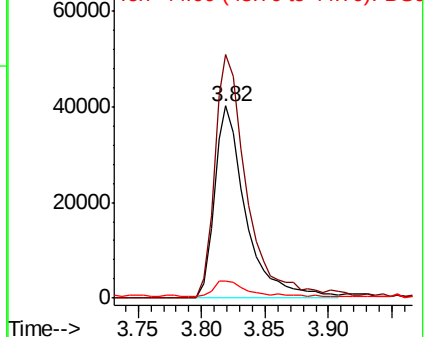
42 100

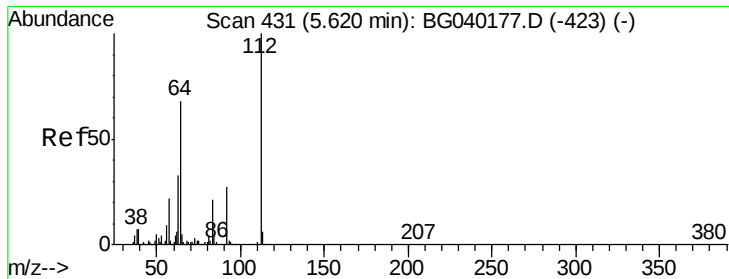
74 126.9 92.9 139.3

44 8.9 9.7 14.5#



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: 82.496 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.00 min

Lab File: BG040477.D

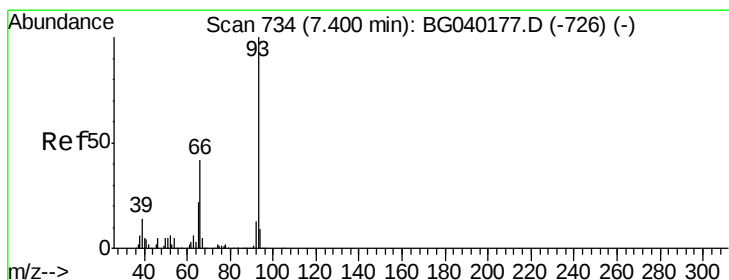
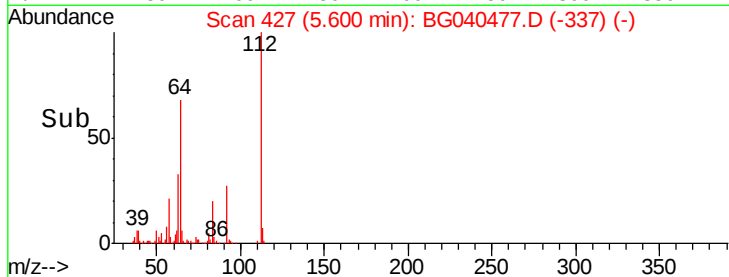
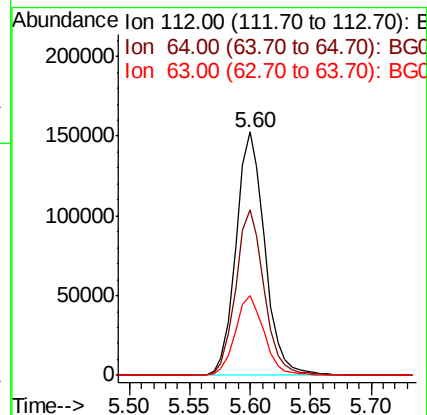
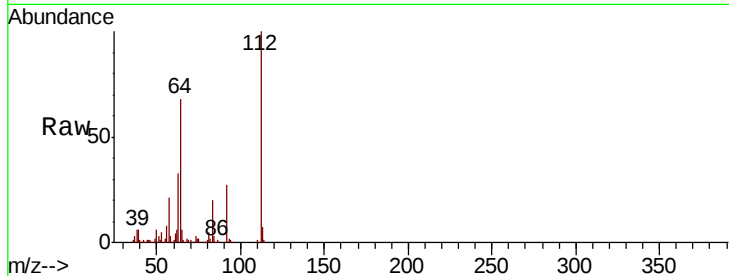
Acq: 15 Apr 2019 12:57

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	112	Resp:	253631
Ion	Ratio	Lower	Upper
112	100		
64	67.9	54.2	81.2
63	33.0	26.4	39.6



#6

Aniline

Concen: 39.474 ng

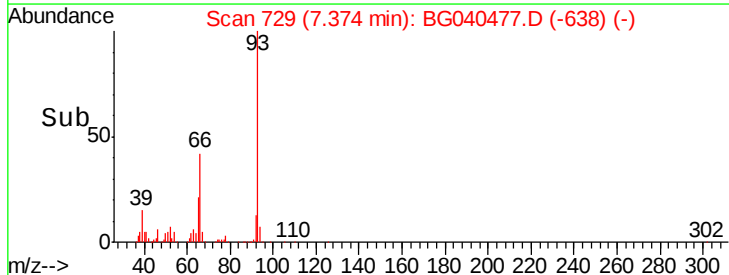
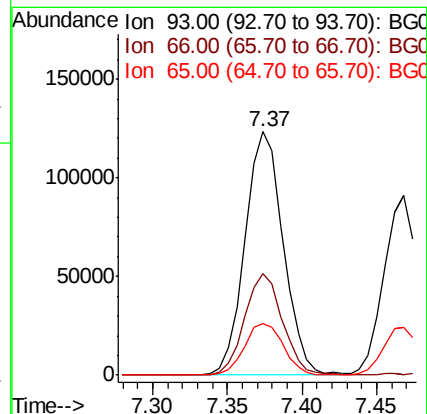
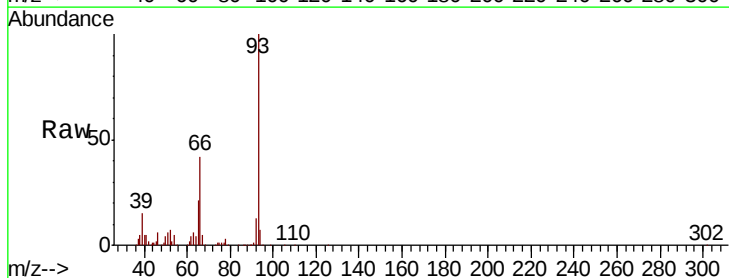
RT: 7.37 min Scan# 729

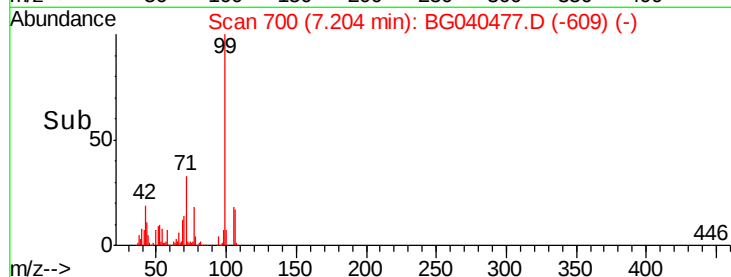
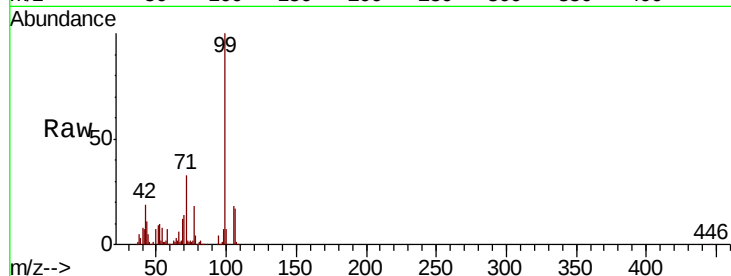
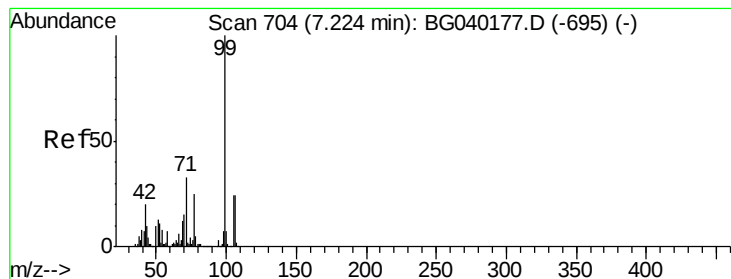
Delta R.T. 0.01 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

Tgt Ion:	93	Resp:	217905
Ion	Ratio	Lower	Upper
93	100		
66	41.5	33.6	50.4
65	21.3	17.4	26.2





#7

Phenol-d6

Concen: 83.190 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

Instrument :

BNA_G

ClientSampled :

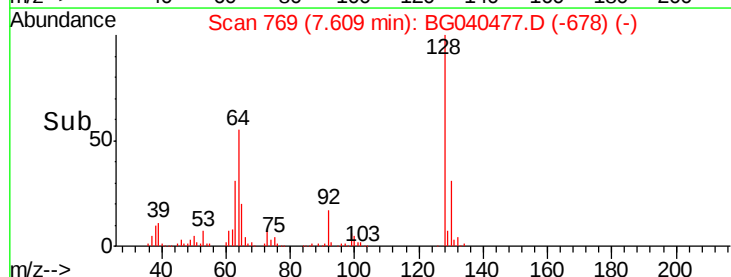
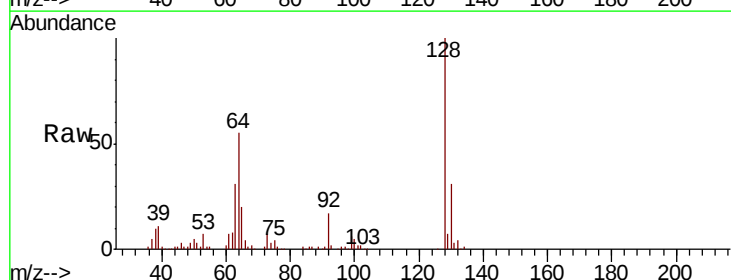
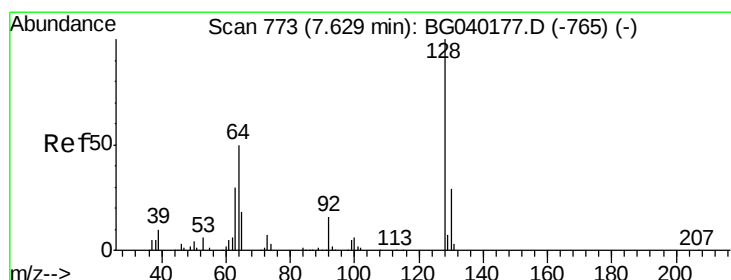
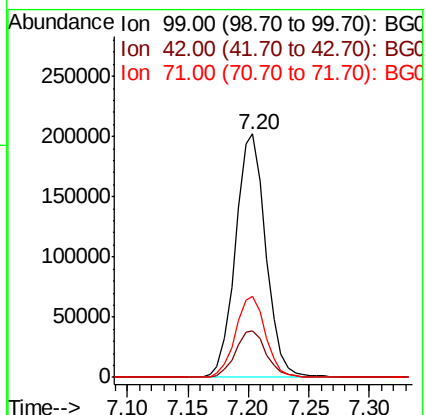
Tot Ion: 99 Resp: 353468

Ion Ratio Lower Upper

99 100

42 19.4 16.2 24.2

71 33.2 26.8 40.2



#8

2-Chlorophenol

Concen: 40.282 ng

RT: 7.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

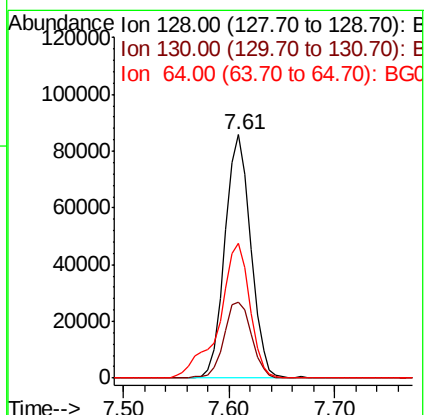
Tgt Ion: 128 Resp: 144973

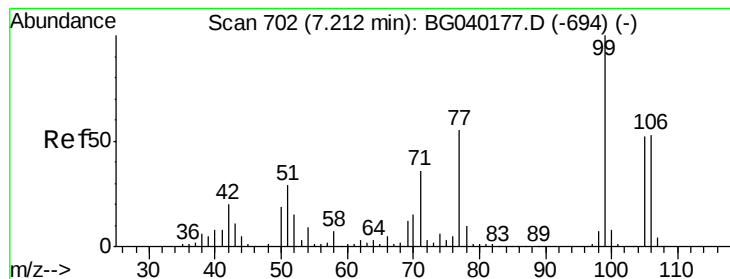
Ion Ratio Lower Upper

128 100

130 31.5 9.1 49.1

64 55.2 33.1 73.1





#9

Benzaldehyde

Concen: 41.104 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.01 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

Instrument :

BNA_G

ClientSampled :

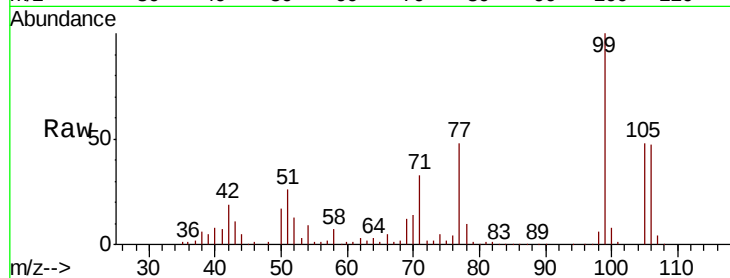
Tot Ion: 77 Resp: 119800

Ion Ratio Lower Upper

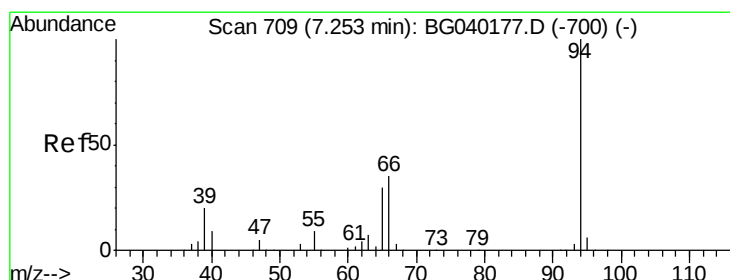
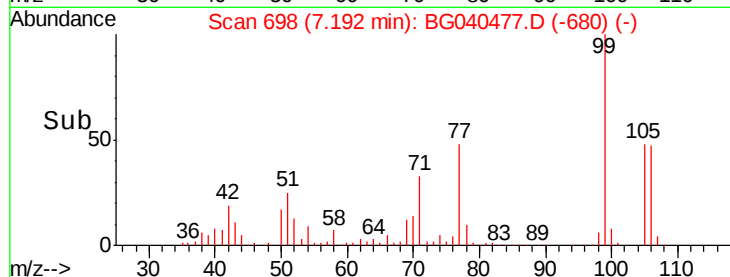
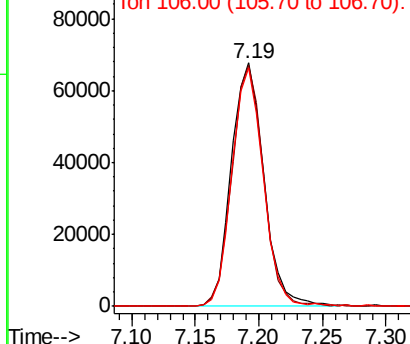
77 100

105 98.8 75.0 115.0

106 97.7 75.7 115.7



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: 41.210 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

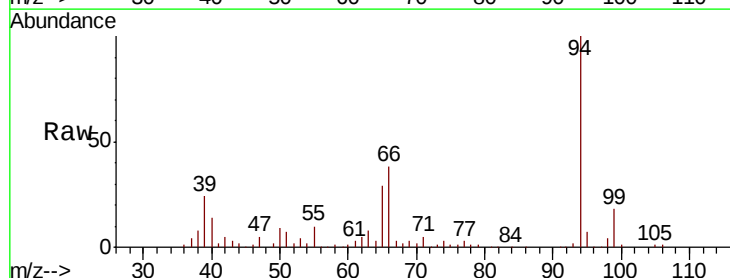
Tgt Ion: 94 Resp: 190057

Ion Ratio Lower Upper

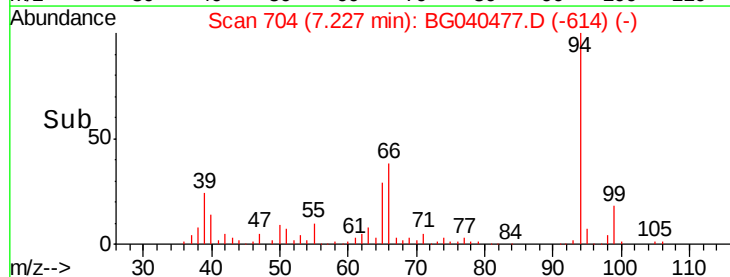
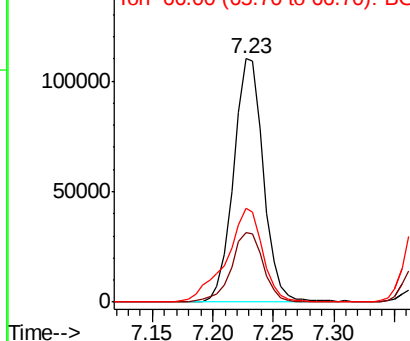
94 100

65 28.7 10.5 50.5

66 38.3 16.9 56.9



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

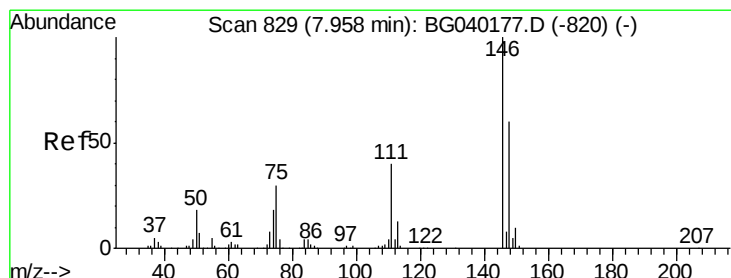
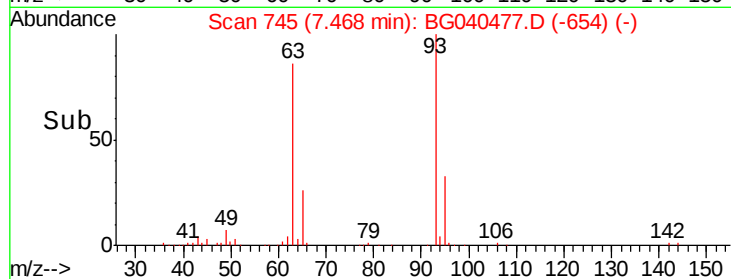
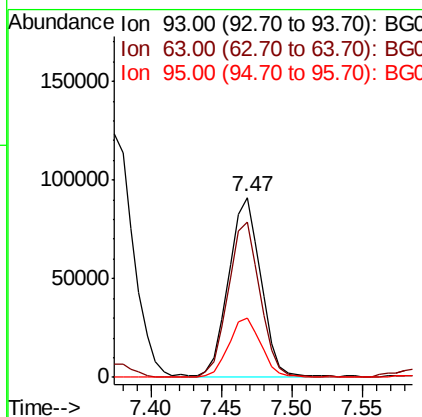
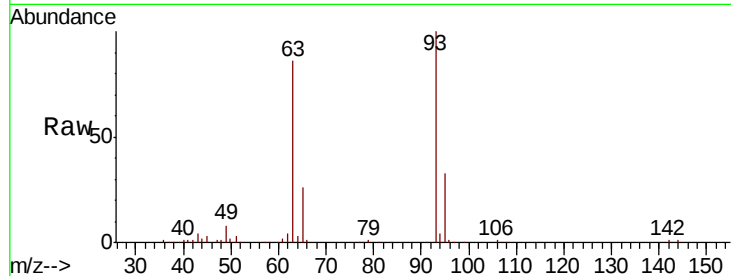




#11
bis(2-Chloroethyl)ether
Concen: 39.452 ng
RT: 7.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BG040477.D
Acq: 15 Apr 2019 12:57

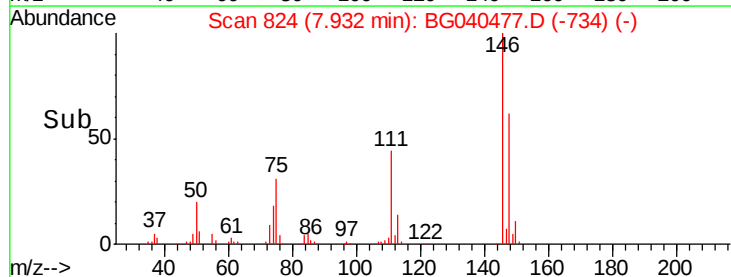
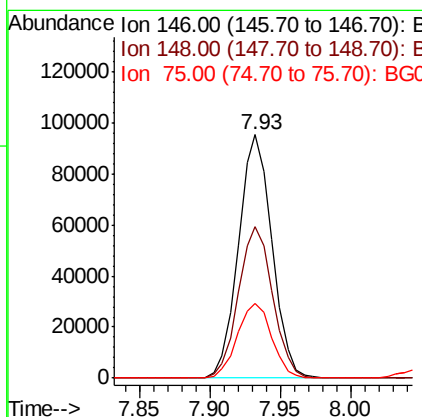
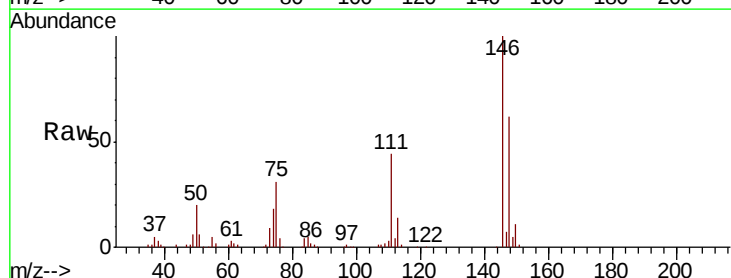
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 145730
Ion Ratio Lower Upper
93 100
63 85.9 64.2 104.2
95 32.7 14.0 54.0



#12
1,3-Dichlorobenzene
Concen: 40.415 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG040477.D
Acq: 15 Apr 2019 12:57

Tgt Ion: 146 Resp: 158115
Ion Ratio Lower Upper
146 100
148 62.4 48.2 72.2
75 30.9 24.1 36.1

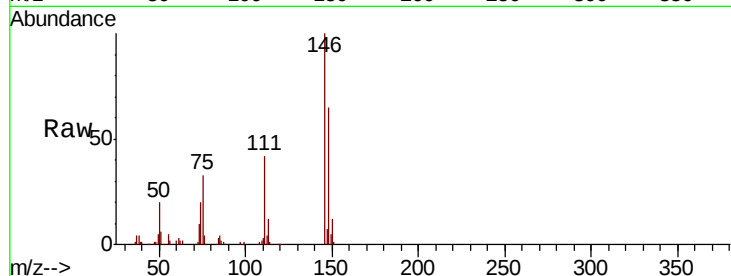




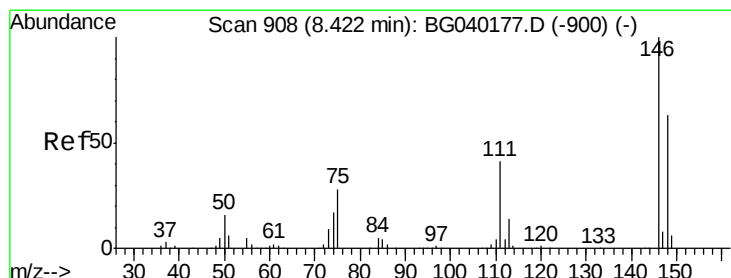
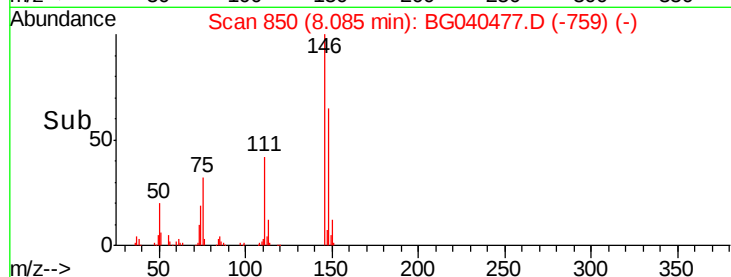
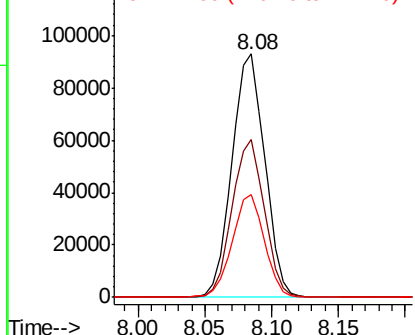
#13
 1,4-Dichlorobenzene
 Concen: 40.792 ng
 RT: 8.08 min Scan# 850
 Delta R.T. 0.01 min
 Lab File: BG040477.D
 Acq: 15 Apr 2019 12:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 158948
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.0 76.4
 111 42.2 31.8 47.6

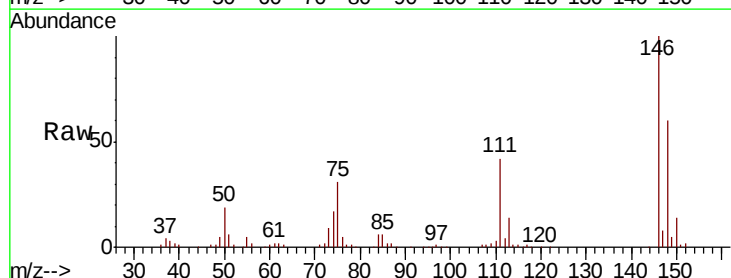


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

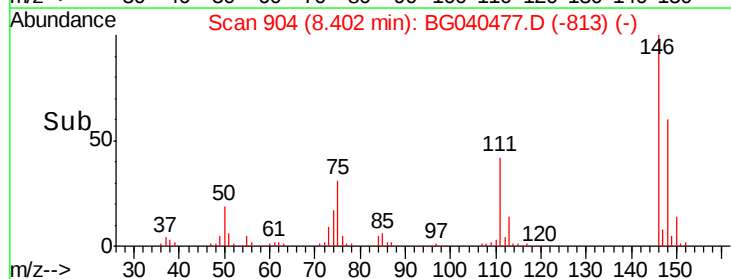
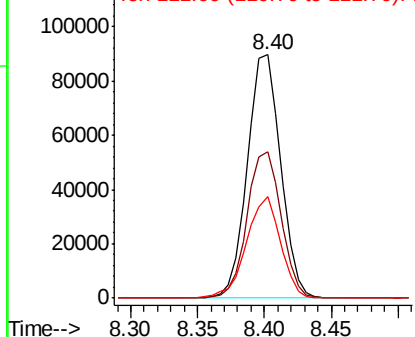


#14
 1,2-Dichlorobenzene
 Concen: 41.329 ng
 RT: 8.40 min Scan# 904
 Delta R.T. 0.01 min
 Lab File: BG040477.D
 Acq: 15 Apr 2019 12:57

Tgt Ion:146 Resp: 154002
 Ion Ratio Lower Upper
 146 100
 148 60.2 50.8 76.2
 111 41.9 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





#15

Benzyl Alcohol

Concen: 38.839 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

Instrument :

BNA_G

ClientSampled :

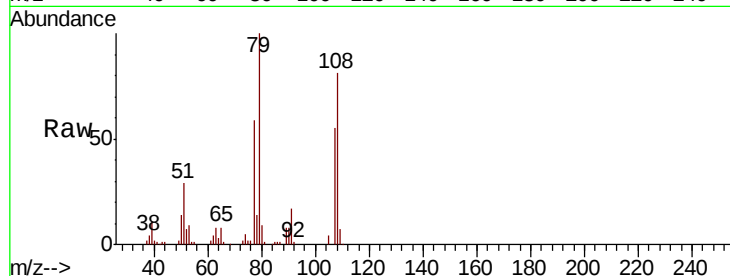
Tot Ion: 79 Resp: 132900

Ion Ratio Lower Upper

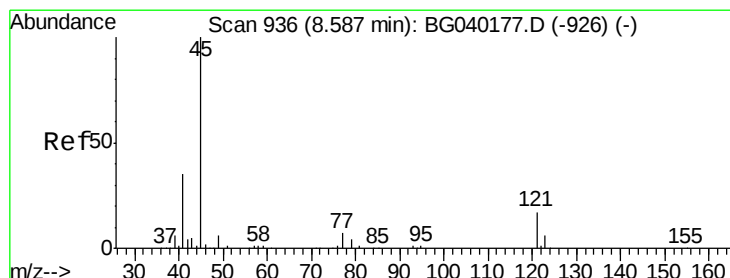
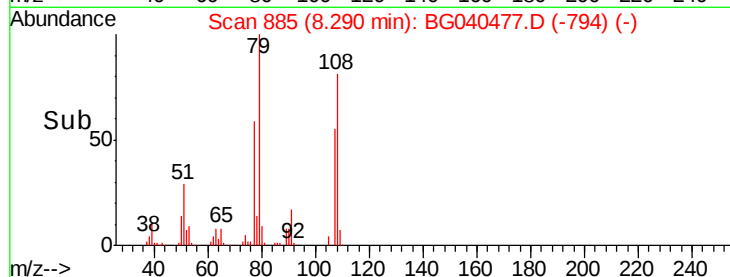
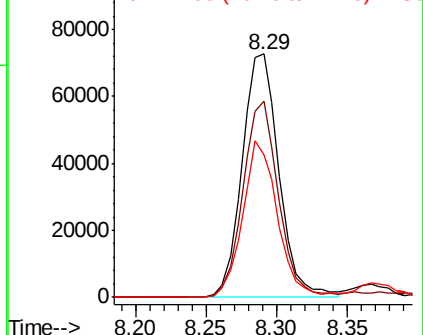
79 100

108 80.6 62.1 93.1

77 58.7 51.9 77.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.117 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

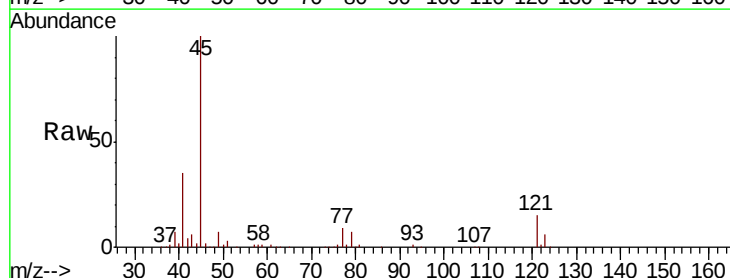
Tgt Ion: 45 Resp: 284396

Ion Ratio Lower Upper

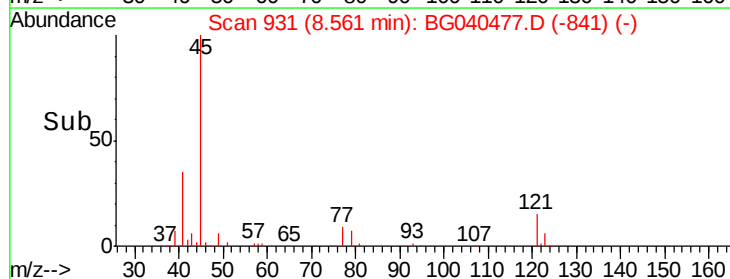
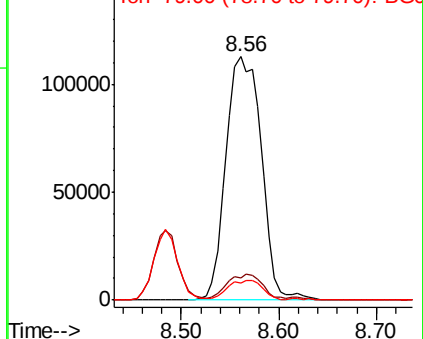
45 100

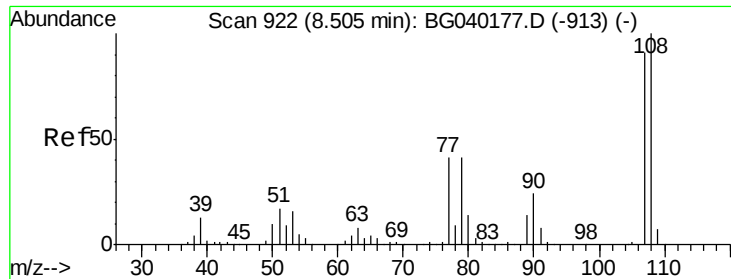
77 9.1 0.0 31.4

79 7.3 0.0 28.3



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

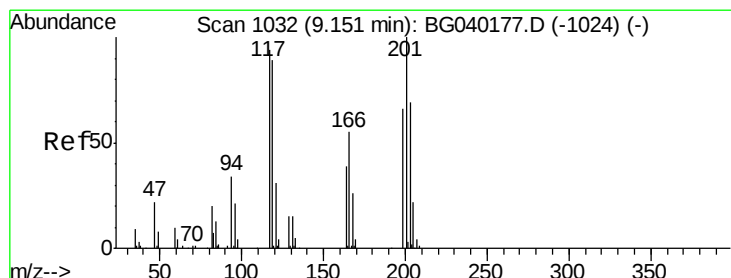
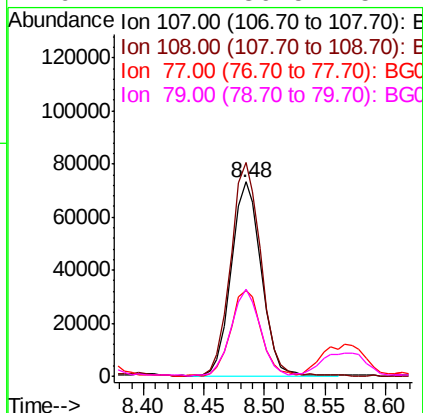
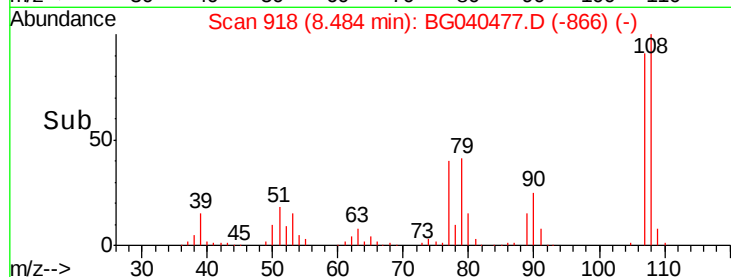
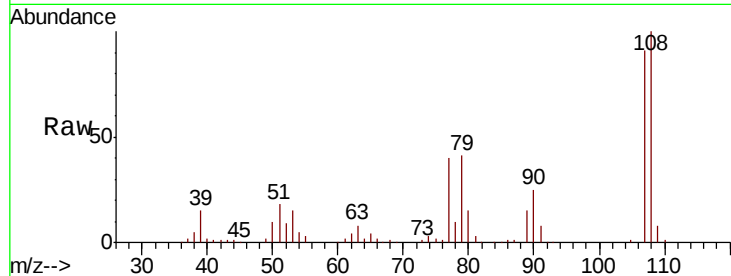




#17
2-Methylphenol
Concen: 39.917 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.01 min
Lab File: BG040477.D
Acq: 15 Apr 2019 12:57

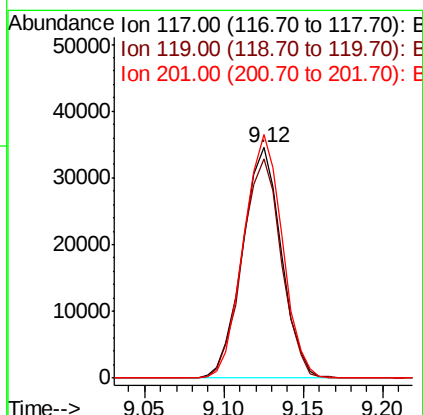
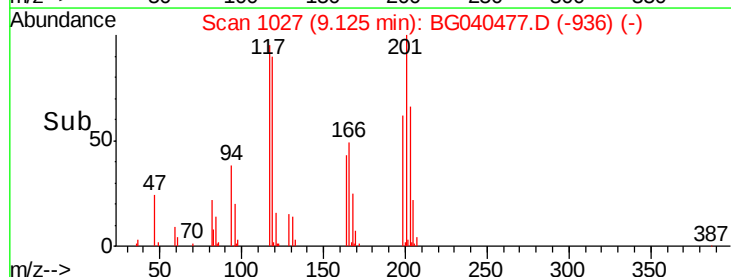
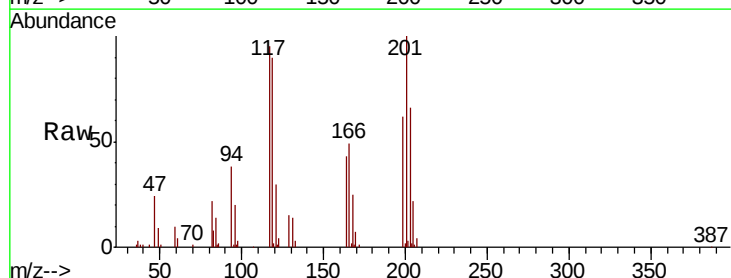
Instrument :
BNA_G
ClientSampleId :

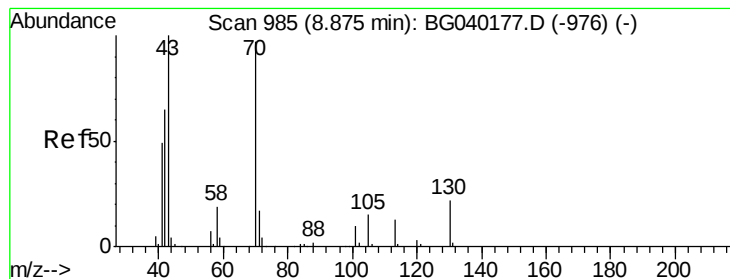
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.1	88.2	132.4
77	44.3	36.6	55.0
79	44.7	36.5	54.7



#18
Hexachloroethane
Concen: 39.681 ng
RT: 9.12 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BG040477.D
Acq: 15 Apr 2019 12:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.6	115.0
201	105.6	85.0	127.4





#19

n-Nitroso-di-n-propylamine

Concen: 37.688 ng

RT: 8.85 min Scan# 980

Delta R.T. 0.01 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 114811

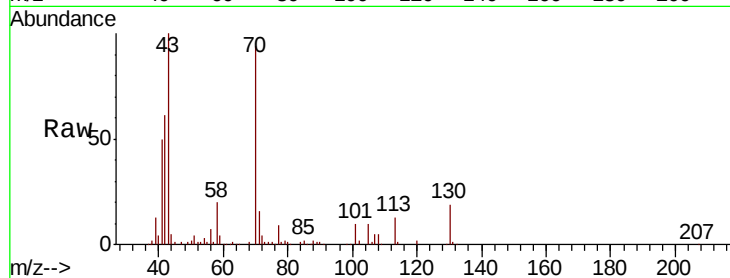
Ion Ratio Lower Upper

70 100

42 65.3 54.0 81.0

101 10.4 8.6 13.0

130 20.2 18.2 27.2

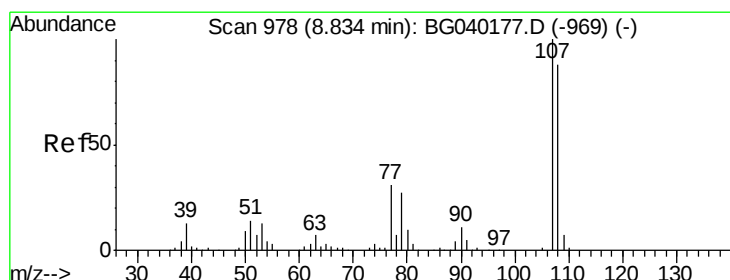
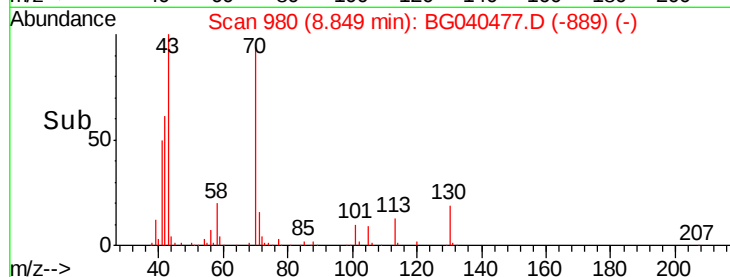
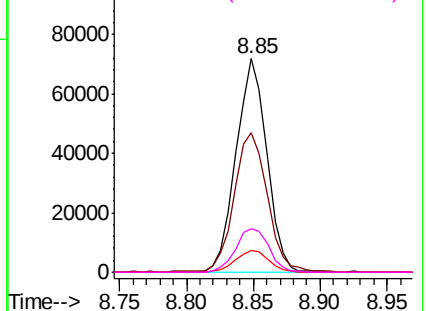


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 38.816 ng

RT: 8.81 min Scan# 974

Delta R.T. 0.01 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

Tgt Ion: 107 Resp: 167812

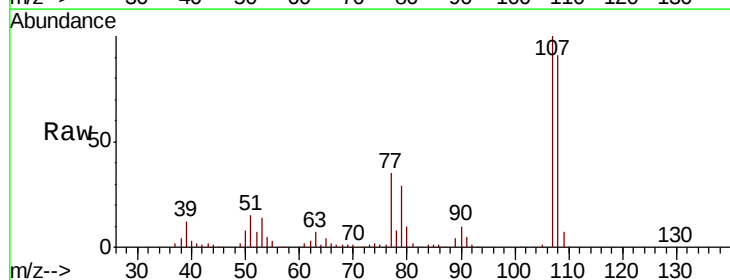
Ion Ratio Lower Upper

107 100

108 90.6 68.3 108.3

77 34.6 11.3 51.3

79 29.2 7.3 47.3

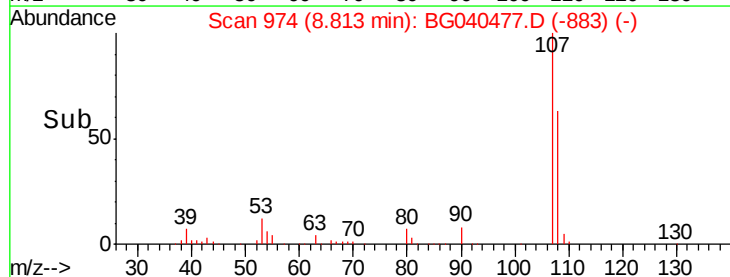
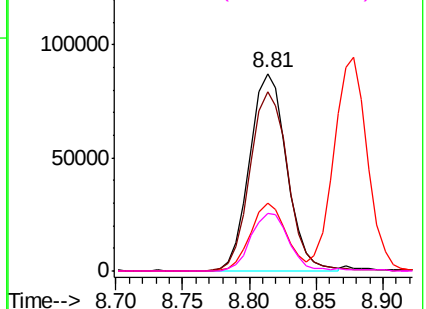


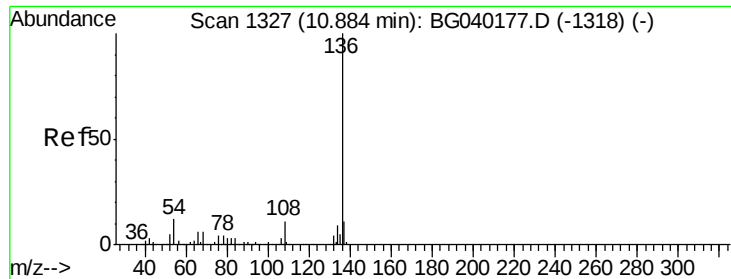
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

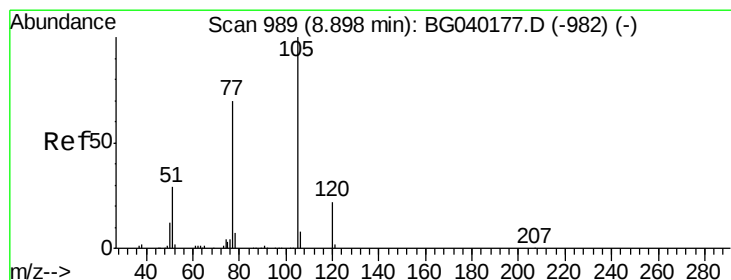
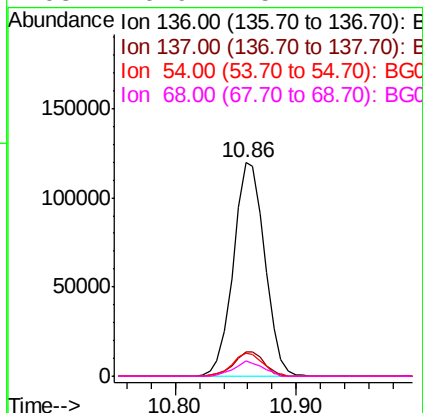
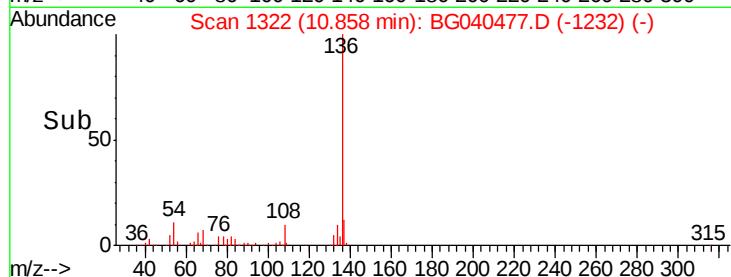
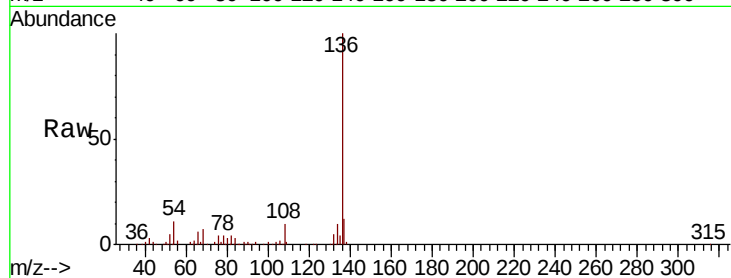




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG040477.D
Acq: 15 Apr 2019 12:57

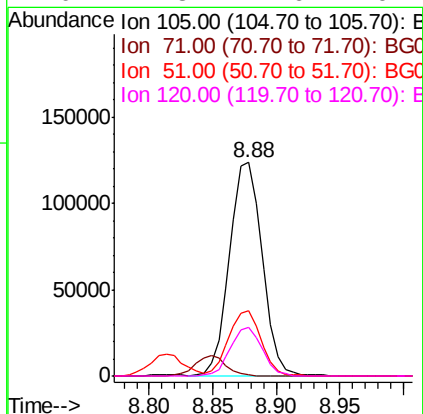
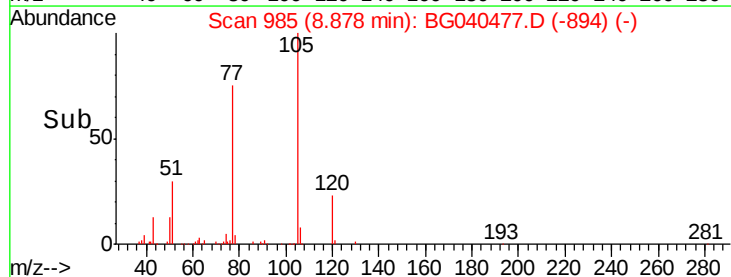
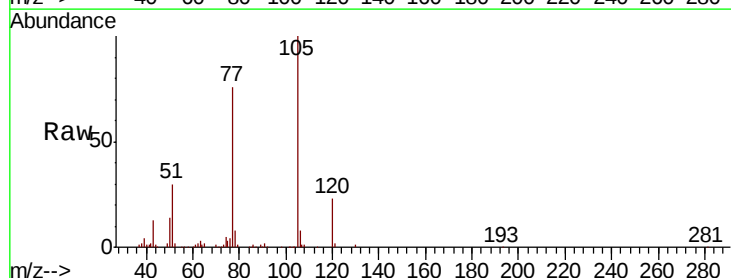
Instrument :
BNA_G
ClientSampleId :

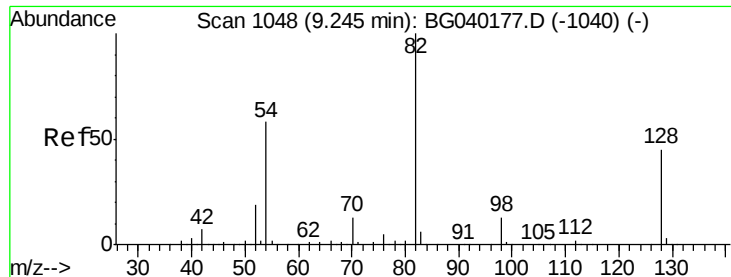
Tot Ion:136	Resp:	216137
Ion Ratio	Lower	Upper
136 100		
137 11.7	8.9	13.3
54 10.7	9.6	14.4
68 6.9	5.1	7.7



#22
Acetophenone
Concen: 40.737 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.01 min
Lab File: BG040477.D
Acq: 15 Apr 2019 12:57

Tgt	Ion:105	Resp:	219635
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.6	1.0#
51	30.5	25.1	37.7
120	22.8	17.6	26.4

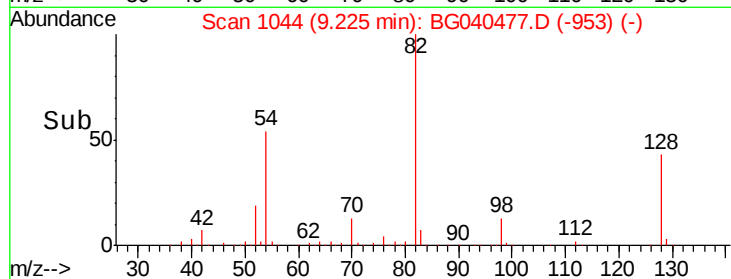
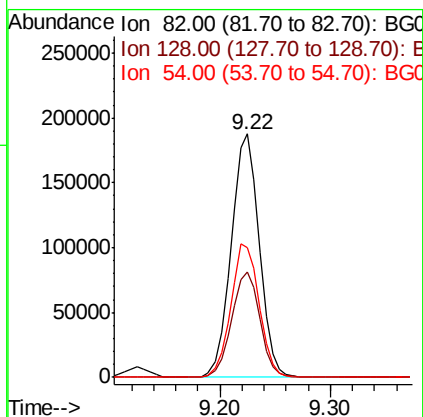
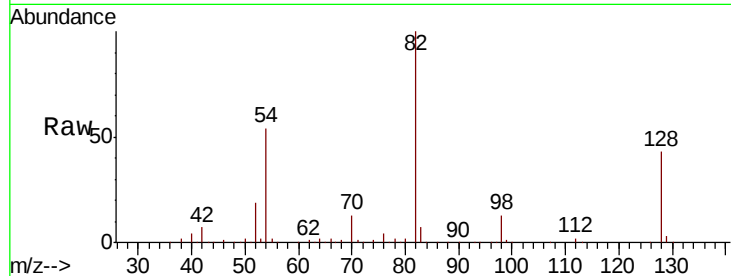




#23
 Nitrobenzene-d5
 Concen: 82.289 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: BG040477.D
 Acq: 15 Apr 2019 12:57

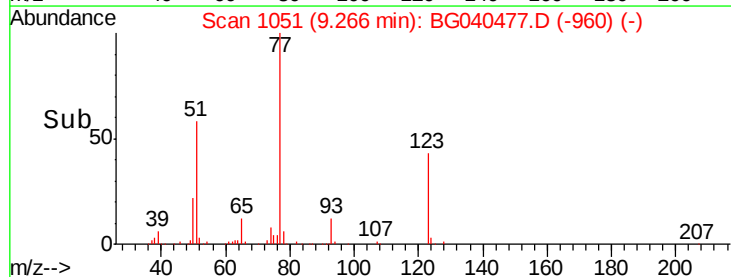
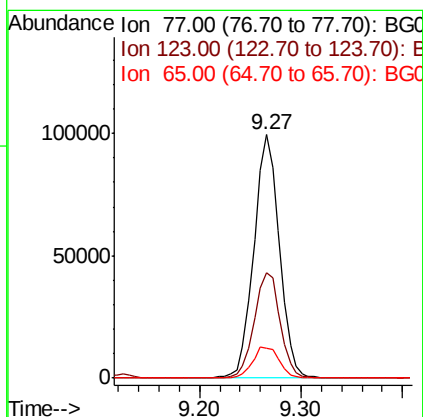
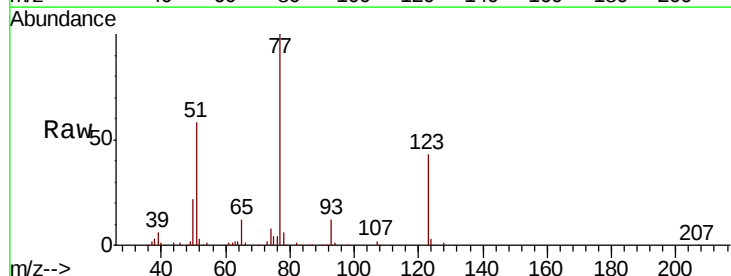
Instrument :
 BNA_G
 ClientSampleId :

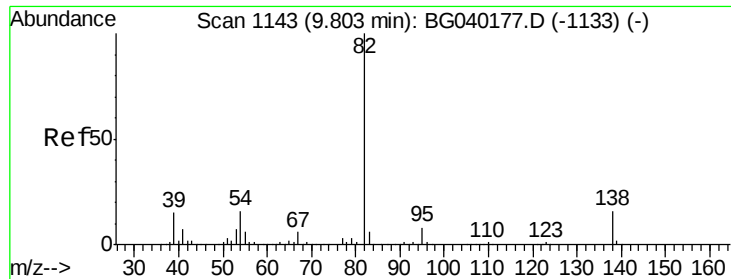
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.8	53.8
54	53.5	46.2	69.2



#24
 Nitrobenzene
 Concen: 41.273 ng
 RT: 9.27 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: BG040477.D
 Acq: 15 Apr 2019 12:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.4	37.8	56.6
65	12.4	12.0	18.0





#25

Isophorone

Concen: 39.474 ng

RT: 9.78 min Scan# 1138

Delta R.T. 0.01 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

Instrument :

BNA_G

ClientSampleId :

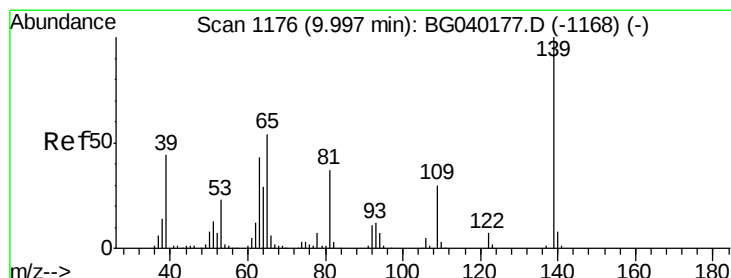
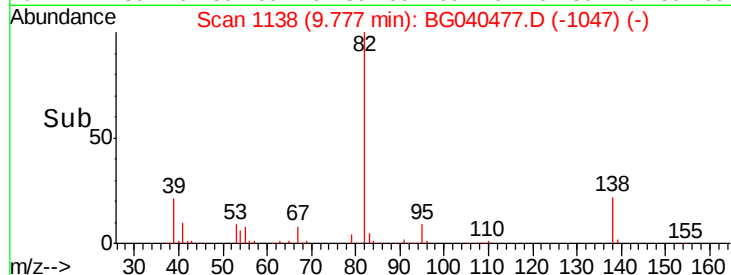
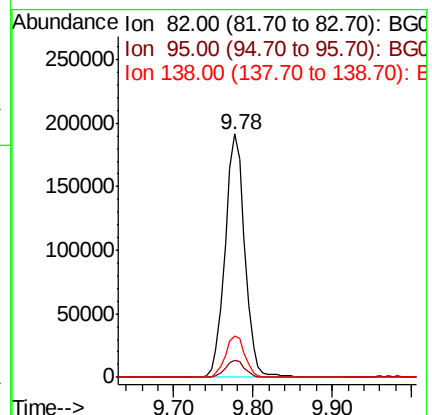
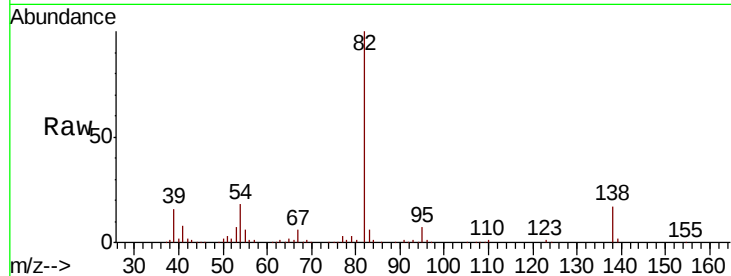
Tot Ion: 82 Resp: 330269

Ion Ratio Lower Upper

82 100

95 7.1 6.1 9.1

138 17.0 13.2 19.8



#26

2-Nitrophenol

Concen: 41.441 ng

RT: 9.98 min Scan# 1172

Delta R.T. 0.01 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

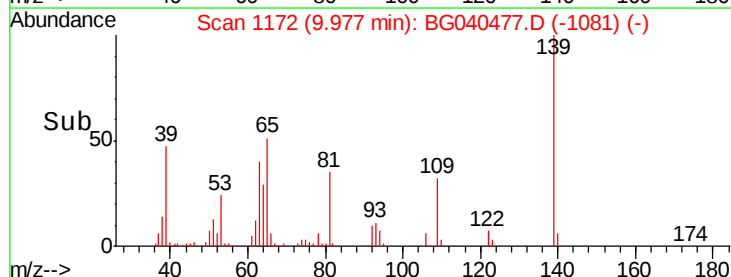
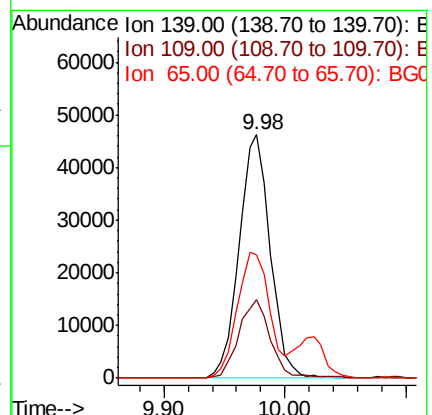
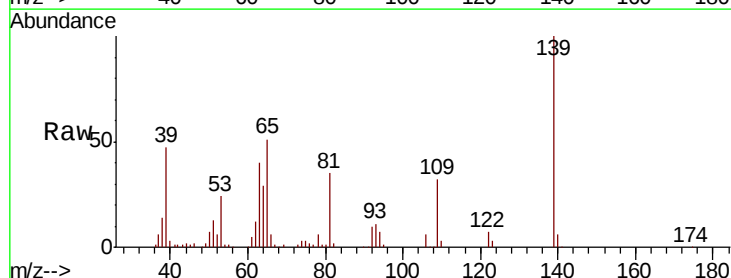
Tgt Ion: 139 Resp: 82684

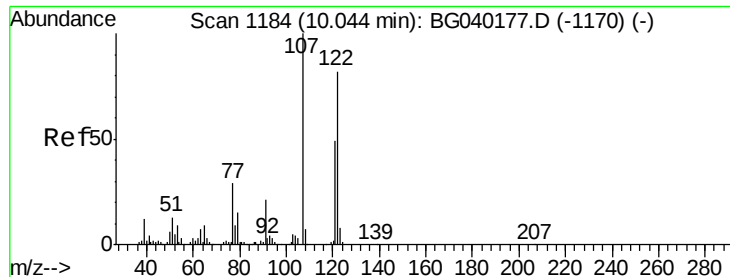
Ion Ratio Lower Upper

139 100

109 32.2 24.1 36.1

65 50.5 43.0 64.6

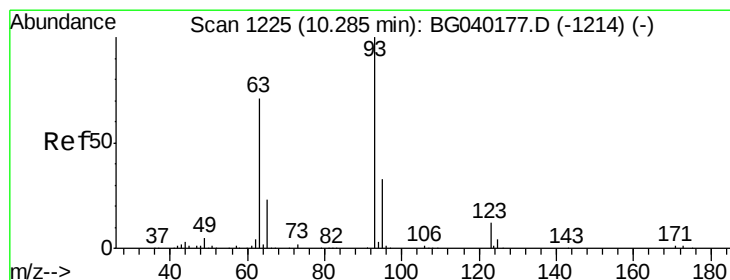
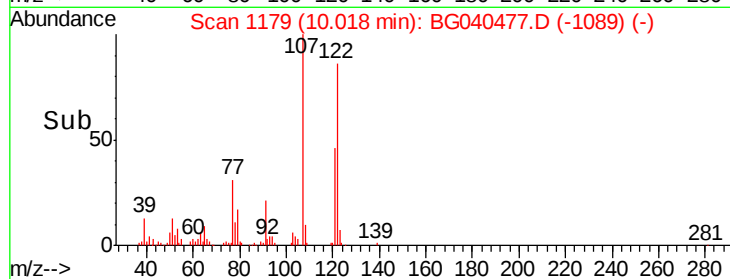
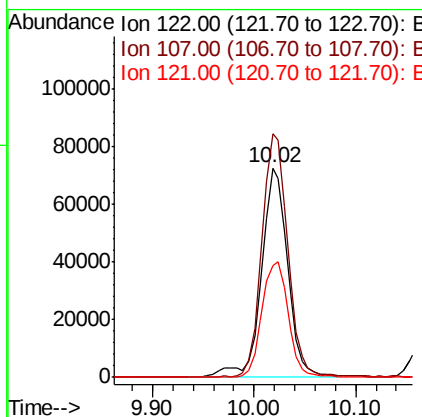
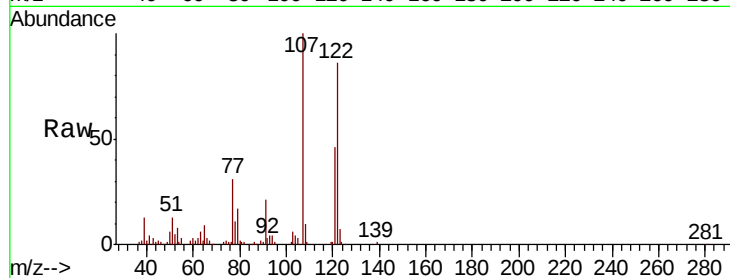




#27
 2,4-Dimethylphenol
 Concen: 41.185 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BG040477.D
 Acq: 15 Apr 2019 12:57

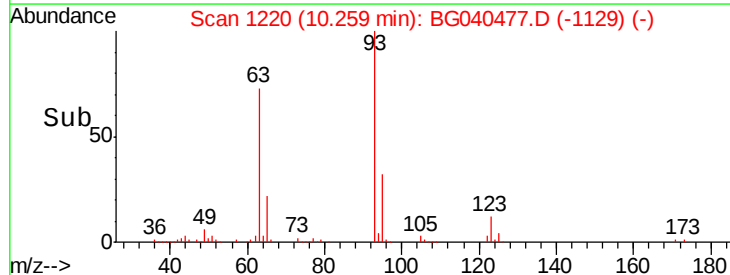
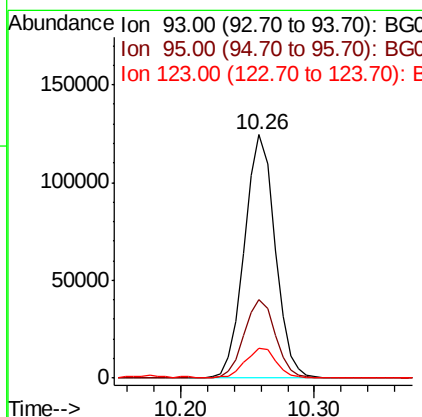
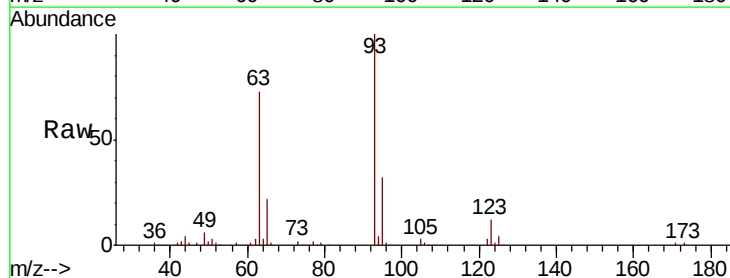
Instrument :
 BNA_G
 ClientSampleId :

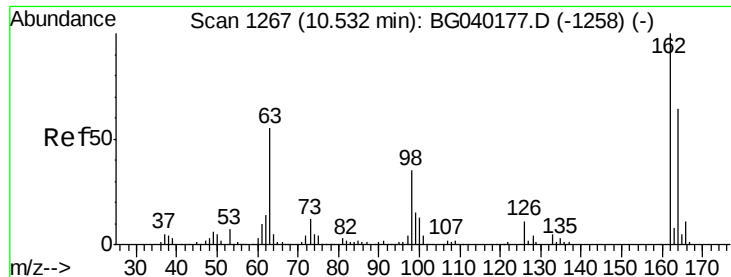
Tot Ion:122 Resp: 130527
 Ion Ratio Lower Upper
 122 100
 107 116.4 97.4 146.2
 121 53.6 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.955 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BG040477.D
 Acq: 15 Apr 2019 12:57

Tgt Ion: 93 Resp: 197777
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.2 39.4
 123 12.2 9.4 14.0

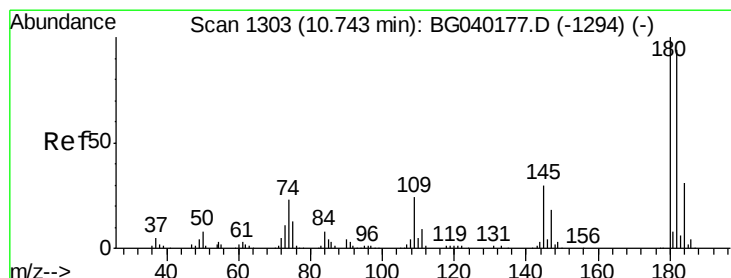
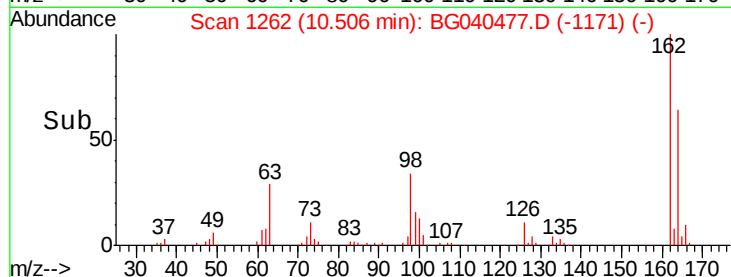
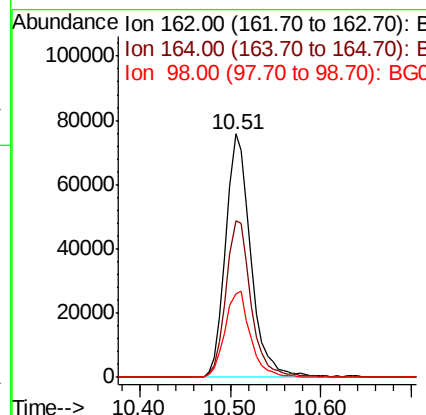
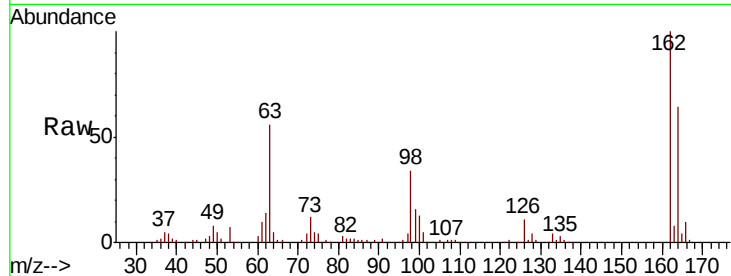




#29
 2,4-Dichlorophenol
 Concen: 42.497 ng
 RT: 10.51 min Scan# 1262
 Delta R.T. 0.01 min
 Lab File: BG040477.D
 Acq: 15 Apr 2019 12:57

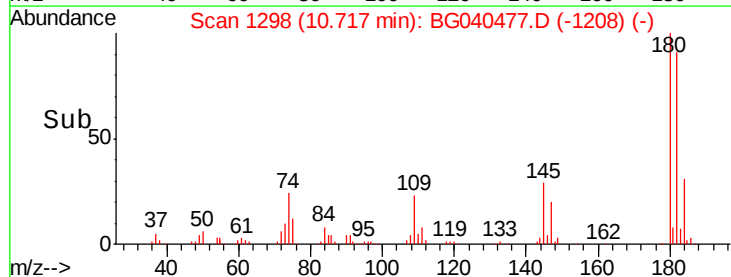
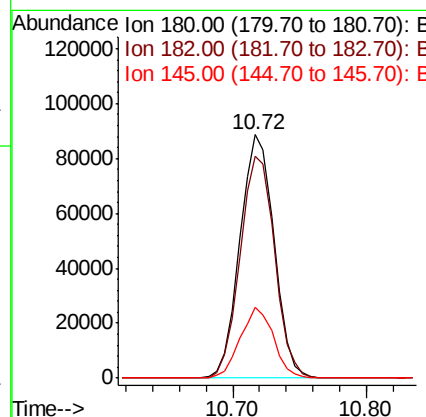
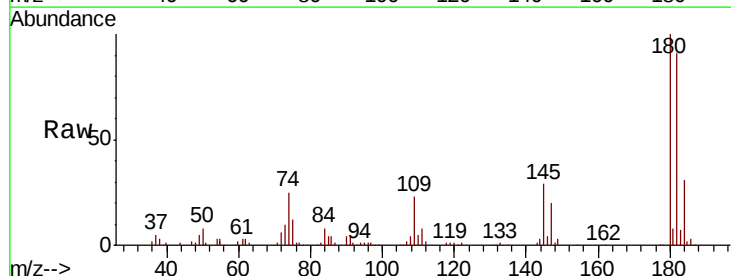
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.9	83.9
98	34.4	15.6	55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 41.349 ng
 RT: 10.72 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BG040477.D
 Acq: 15 Apr 2019 12:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.1	75.1	112.7
145	29.3	24.1	36.1

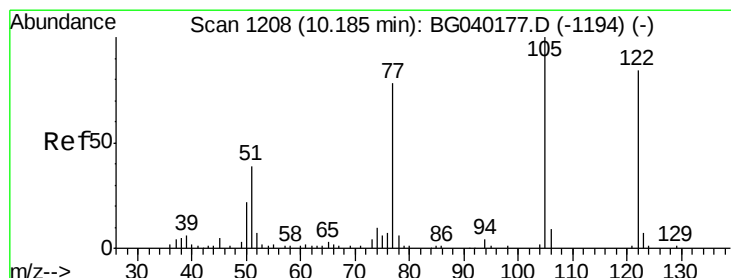
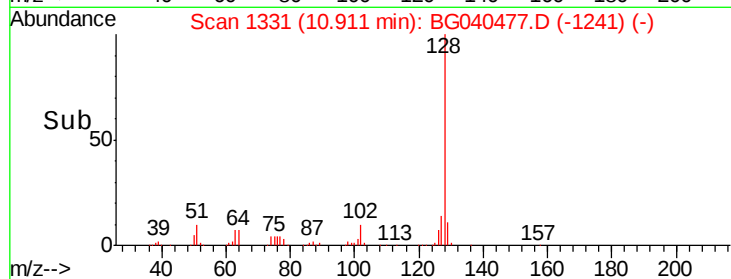
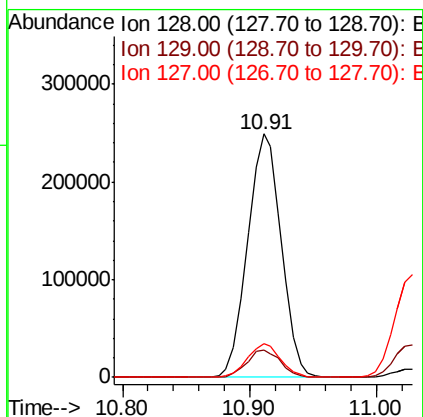
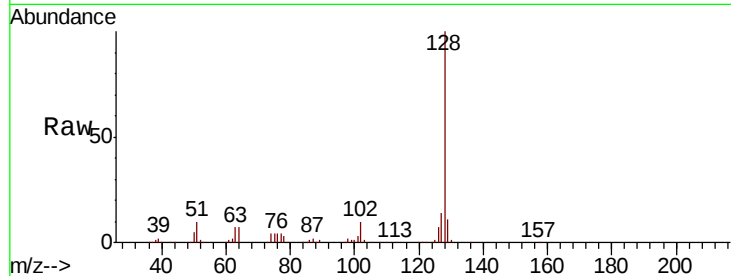




#31
Naphthalene
Concen: 41.467 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG040477.D
Acq: 15 Apr 2019 12:57

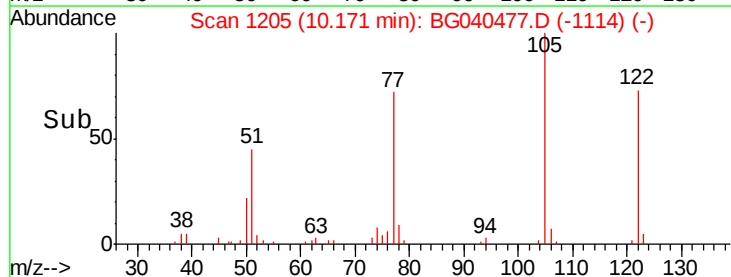
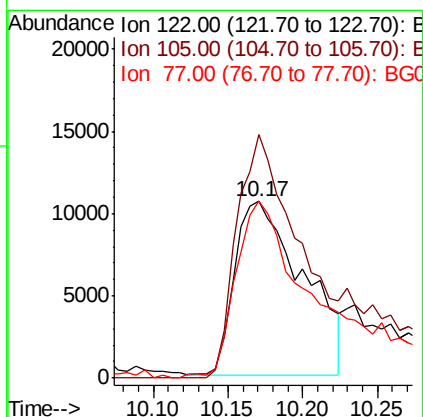
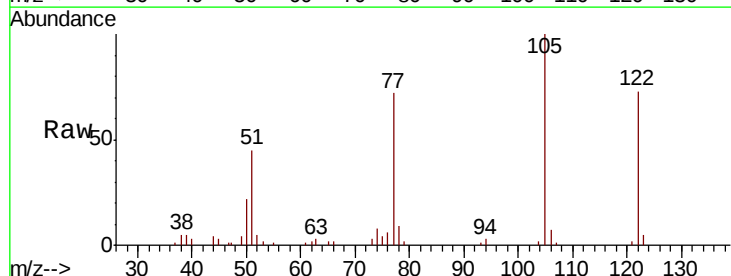
Instrument :
BNA_G
ClientSampleId :

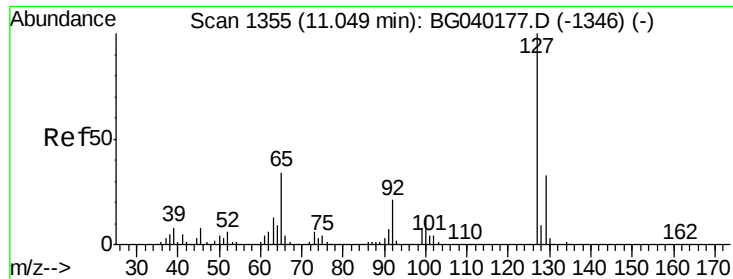
Tot Ion:128 Resp: 459393
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.9 11.4 17.0



#32
Benzoic acid
Concen: 17.471 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG040477.D
Acq: 15 Apr 2019 12:57

Tgt Ion:122 Resp: 33454
Ion Ratio Lower Upper
122 100
105 137.8 98.2 138.2
77 99.9 73.6 113.6

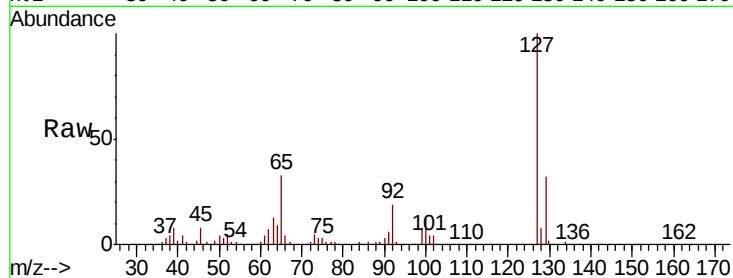




#33
4-Chloroaniline
Concen: 42.480 ng
RT: 11.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BG040477.D
Acq: 15 Apr 2019 12:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	200746
Ion Ratio	Lower	Upper
127	100	
129	31.6	26.6 40.0
65	33.0	27.0 40.4
92	19.1	16.6 25.0



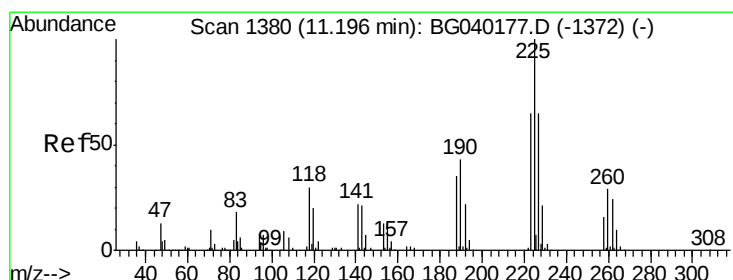
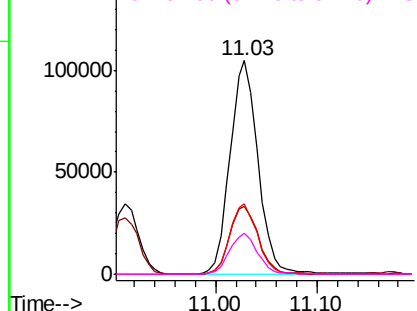
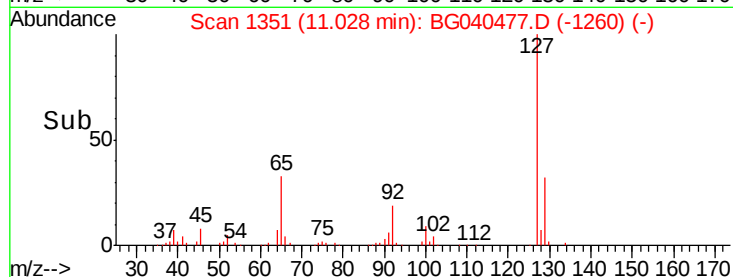
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

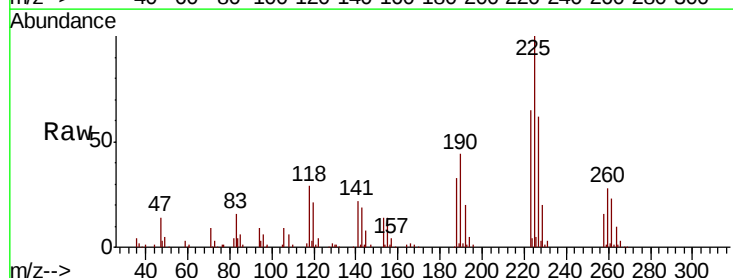
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 39.770 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG040477.D
Acq: 15 Apr 2019 12:57

Tgt Ion:225	Resp:	96074
Ion Ratio	Lower	Upper
225	100	
223	65.0	51.8 77.8
227	64.2	54.9 82.3

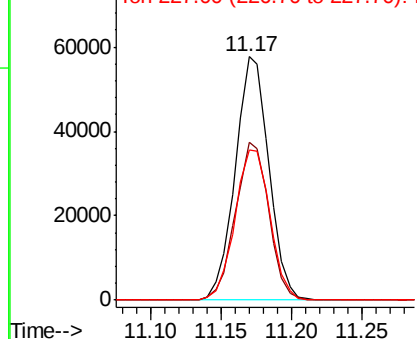
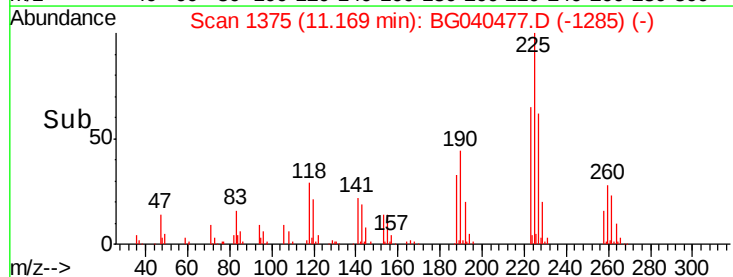


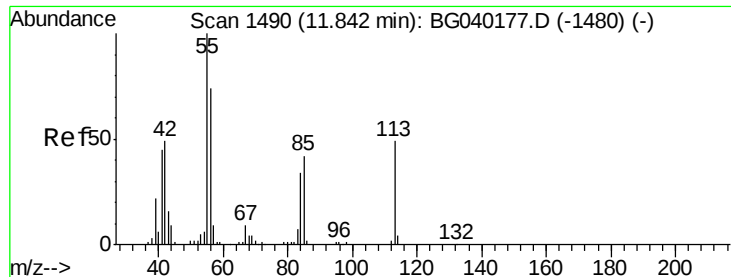
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 46.008 ng

RT: 11.82 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

Instrument :

BNA_G

ClientSampleId :

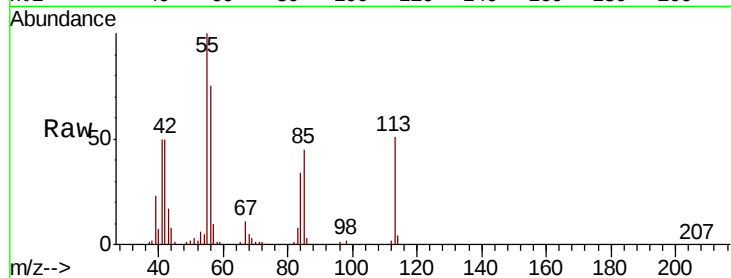
Tot Ion:113 Resp: 62808

Ion Ratio Lower Upper

113 100

55 194.8 184.2 224.2

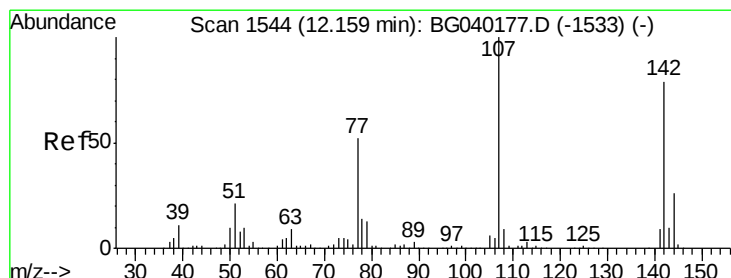
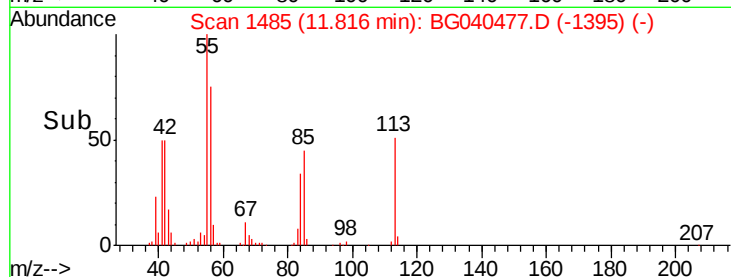
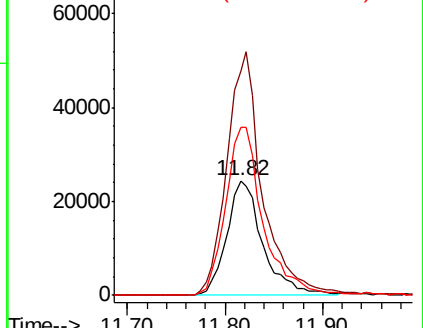
56 146.7 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 45.211 ng

RT: 12.14 min Scan# 1540

Delta R.T. 0.01 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

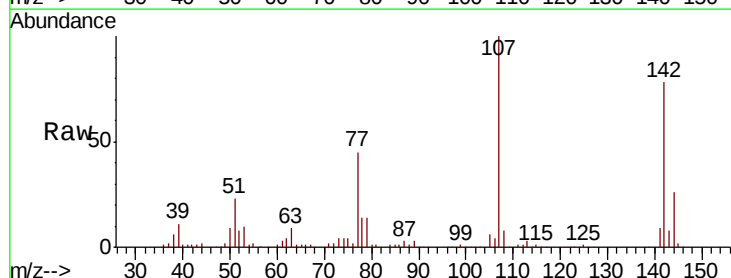
Tgt Ion:107 Resp: 178797

Ion Ratio Lower Upper

107 100

144 25.8 20.5 30.7

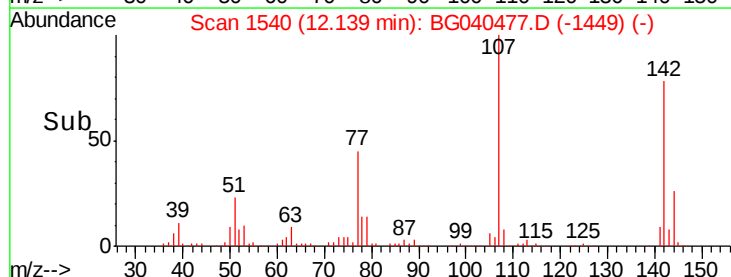
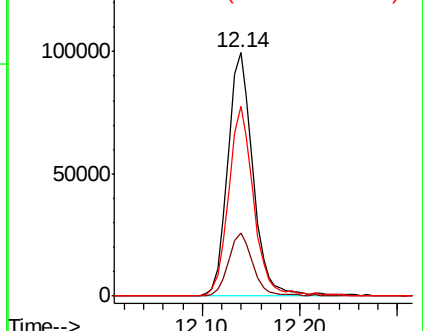
142 77.9 63.1 94.7

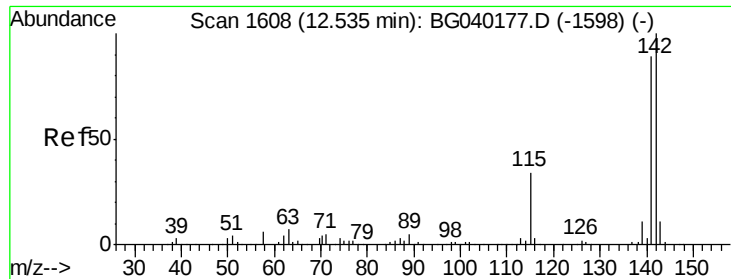


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

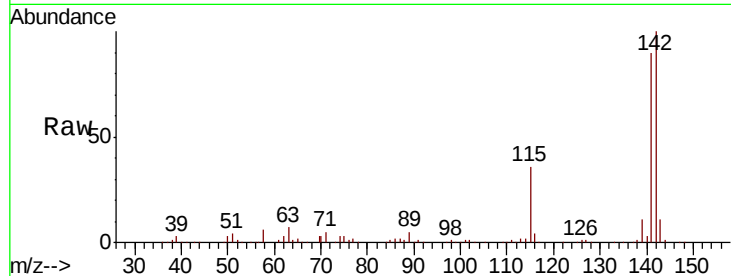




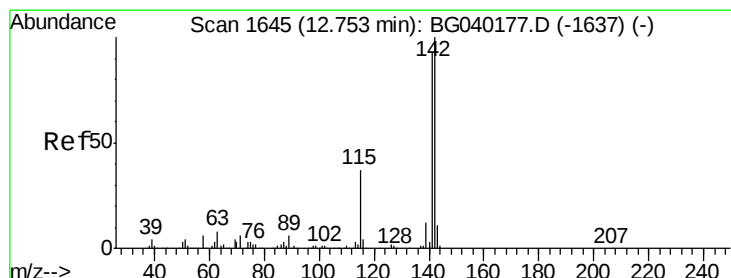
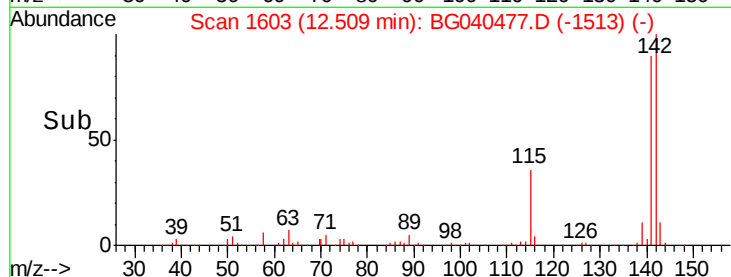
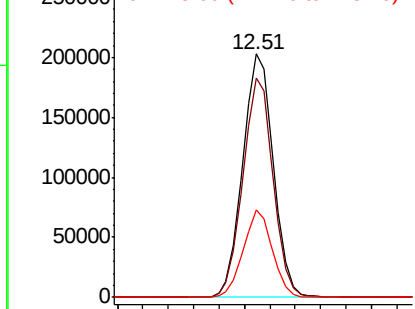
#37
2-Methylnaphthalene
Concen: 41.445 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BG040477.D
Acq: 15 Apr 2019 12:57

Instrument :
BNA_G
ClientSampled :

Tot Ion:142 Resp: 339584
Ion Ratio Lower Upper
142 100
141 89.9 71.0 106.6
115 35.7 27.3 40.9

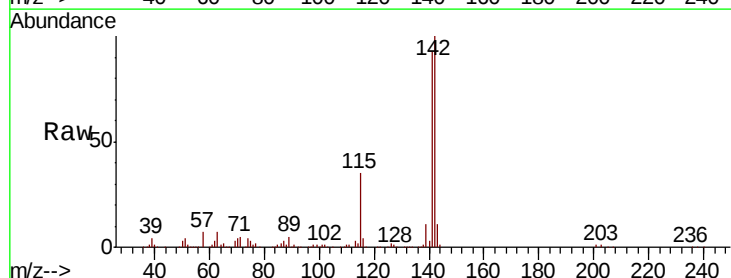


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

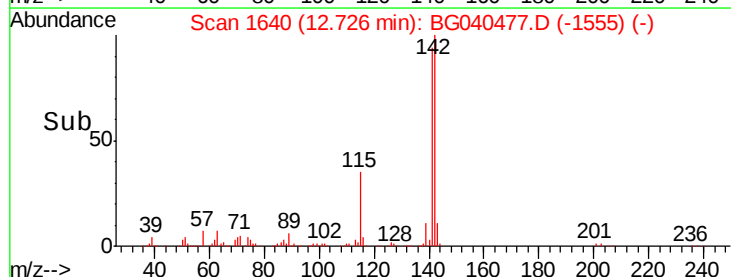
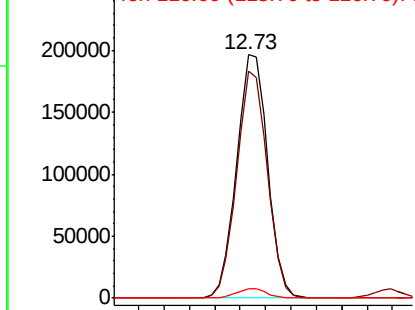


#38
1-Methylnaphthalene
Concen: 41.876 ng
RT: 12.73 min Scan# 1640
Delta R.T. -0.00 min
Lab File: BG040477.D
Acq: 15 Apr 2019 12:57

Tgt Ion:142 Resp: 332716
Ion Ratio Lower Upper
142 100
141 93.4 74.2 111.4
116 4.0 3.0 4.4



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

Instrument :

BNA_G

ClientSampleId :

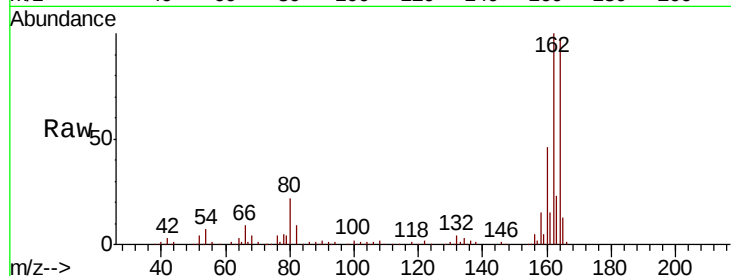
Tot Ion:164 Resp: 143093

Ion Ratio Lower Upper

164 100

162 102.8 77.4 116.2

160 47.3 35.3 52.9

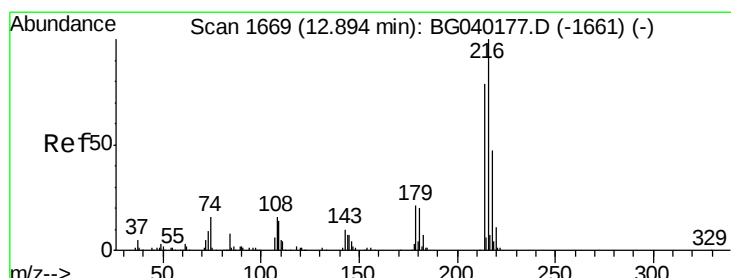
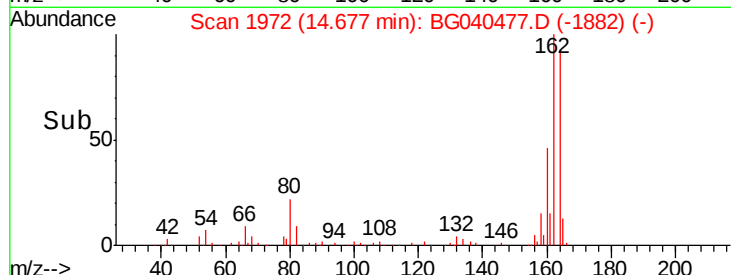
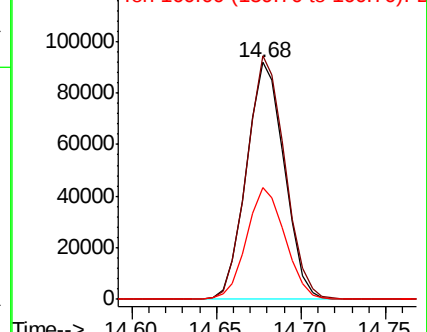


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.083 ng

RT: 12.87 min Scan# 1665

Delta R.T. 0.01 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

Tgt Ion:216 Resp: 177750

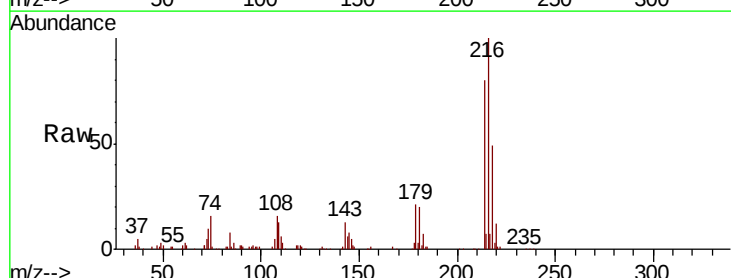
Ion Ratio Lower Upper

216 100

214 79.5 63.5 95.3

179 21.0 16.6 25.0

108 17.8 13.8 20.8



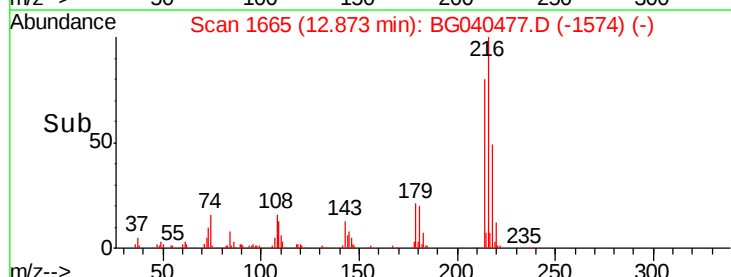
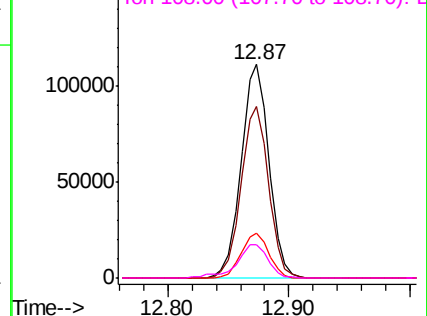
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 37.396 ng

RT: 12.84 min Scan# 1659

Delta R.T. 0.01 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

Instrument :

BNA_G

ClientSampleId :

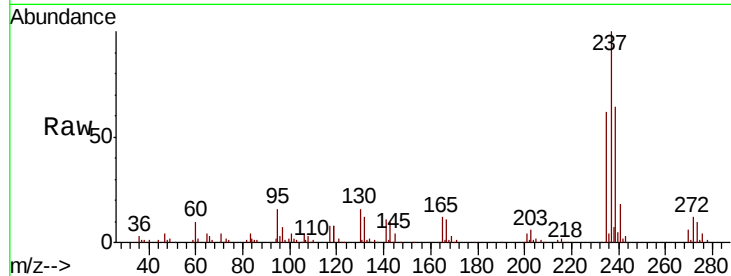
Tot Ion:237 Resp: 93385

Ion Ratio Lower Upper

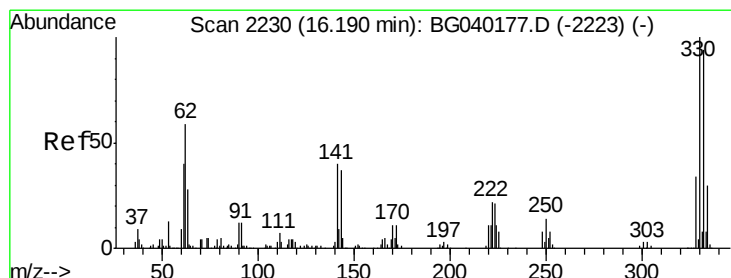
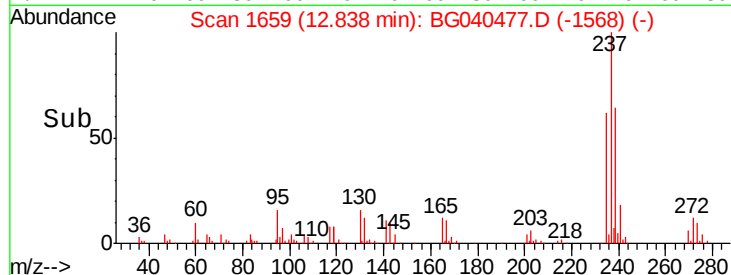
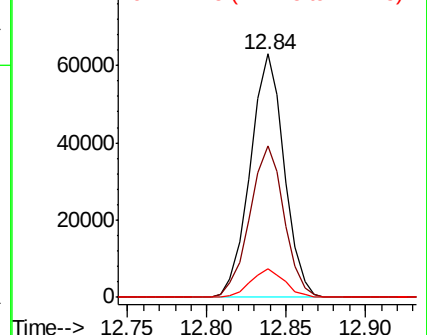
237 100

235 62.4 46.2 86.2

272 11.7 0.0 30.5



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 94.878 ng

RT: 16.17 min Scan# 2226

Delta R.T. 0.01 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

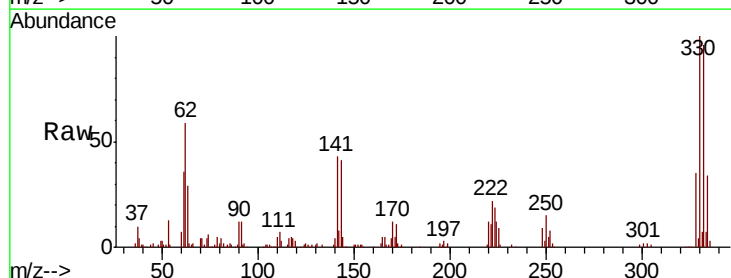
Tgt Ion:330 Resp: 146726

Ion Ratio Lower Upper

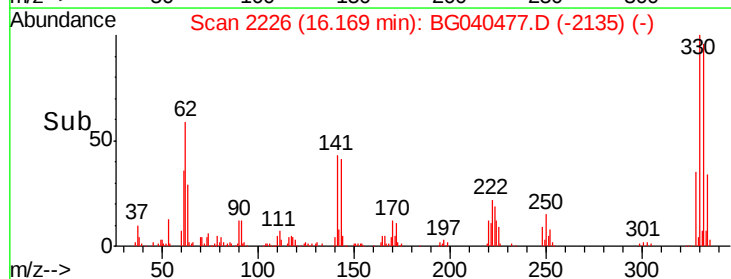
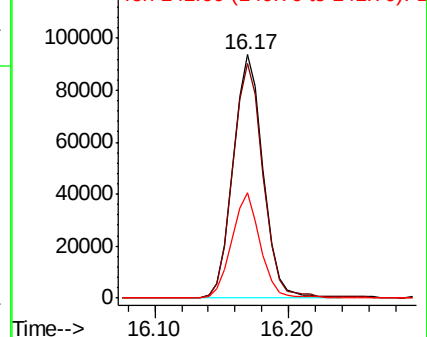
330 100

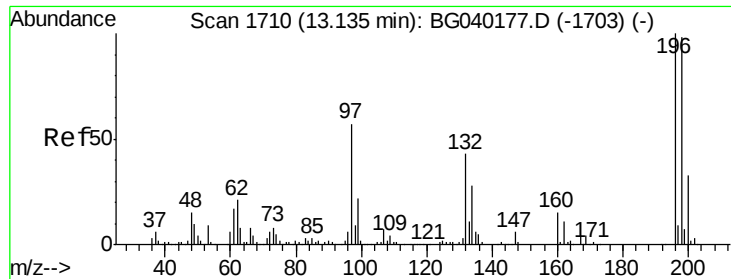
332 97.8 76.6 115.0

141 41.5 32.6 48.8



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

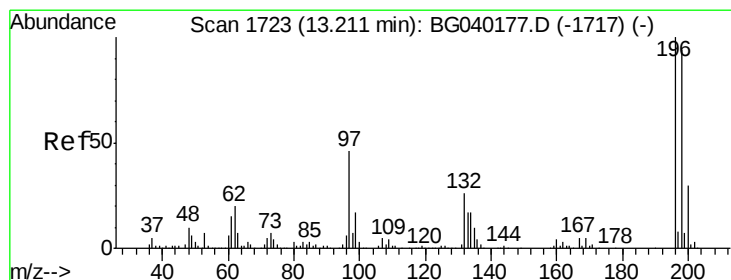
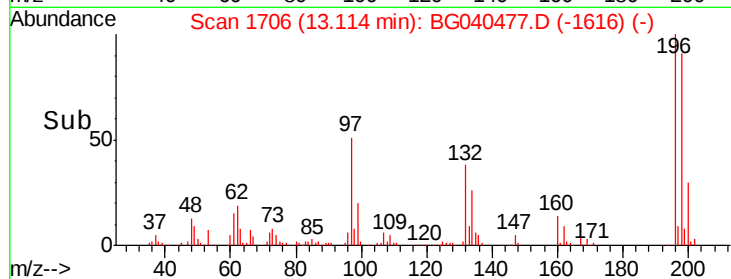
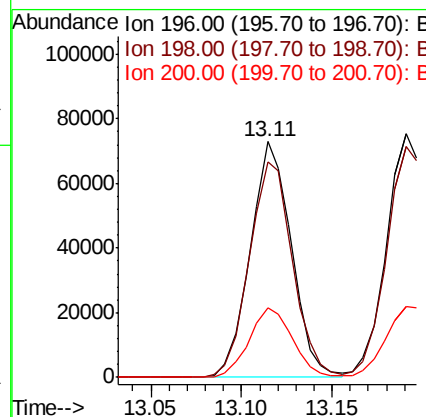
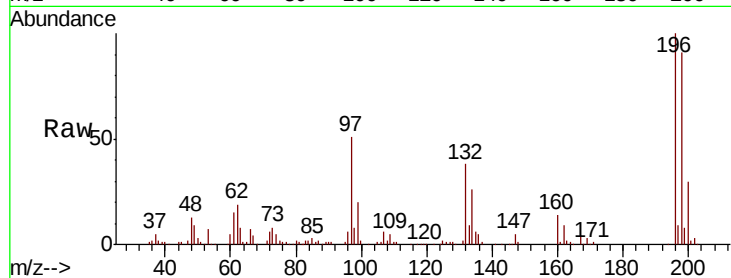




#43
 2,4,6-Trichlorophenol
 Concen: 39.209 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: BG040477.D
 Acq: 15 Apr 2019 12:57

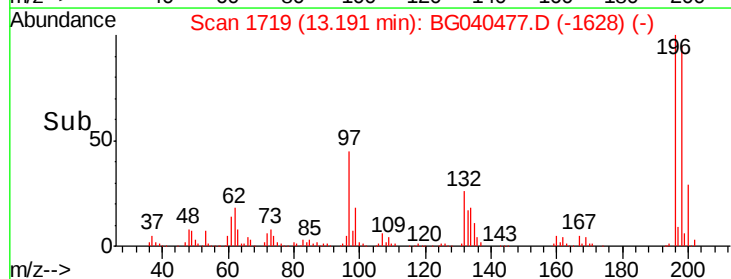
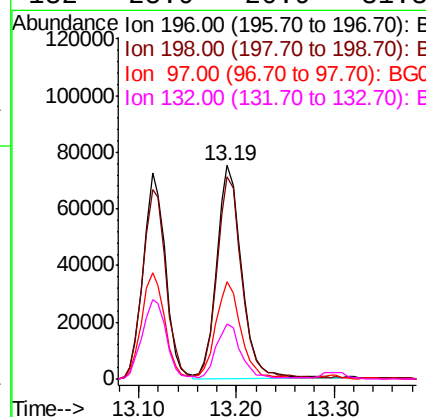
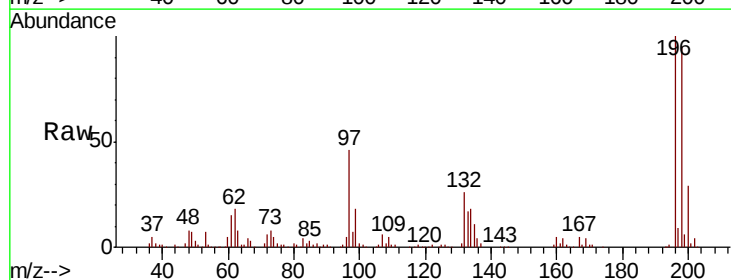
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 114970
 Ion Ratio Lower Upper
 196 100
 198 91.5 78.3 117.5
 200 29.8 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 41.285 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.01 min
 Lab File: BG040477.D
 Acq: 15 Apr 2019 12:57

Tgt Ion:196 Resp: 131951
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.0 112.6
 97 45.7 37.3 55.9
 132 25.9 20.9 31.3





#45

2-Fluorobiphenyl

Concen: 80.745 ng

RT: 13.30 min Scan# 1737

Delta R.T. -0.00 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

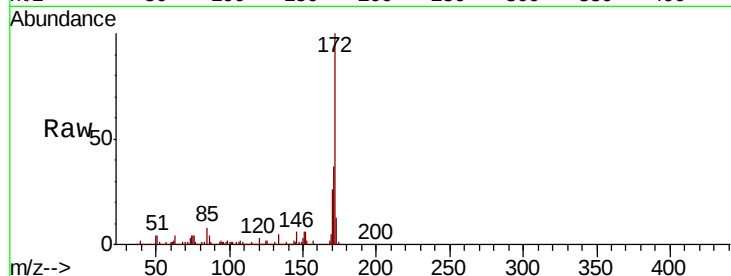
Instrument :

BNA_G

ClientSampleId :

Tot Ion:172 Resp: 779753

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.5	45.7
170	25.7	20.1	30.1

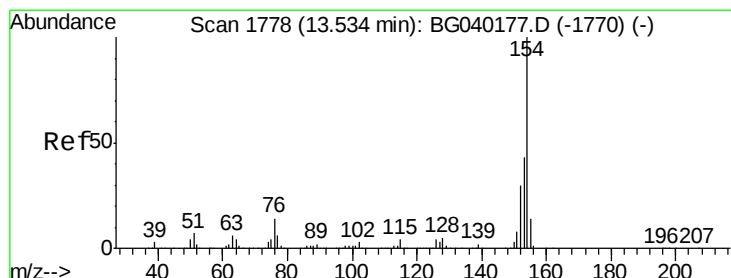
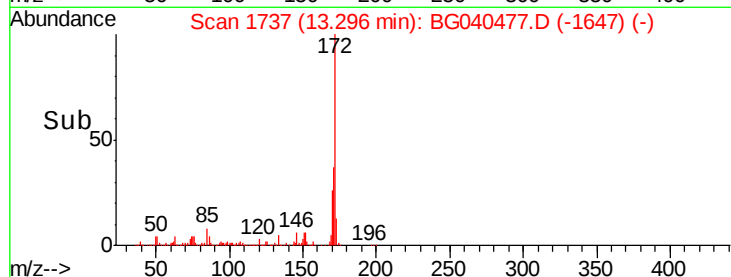
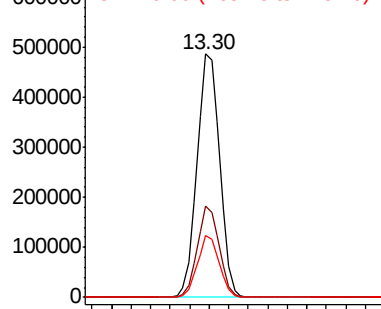


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 40.298 ng

RT: 13.51 min Scan# 1774

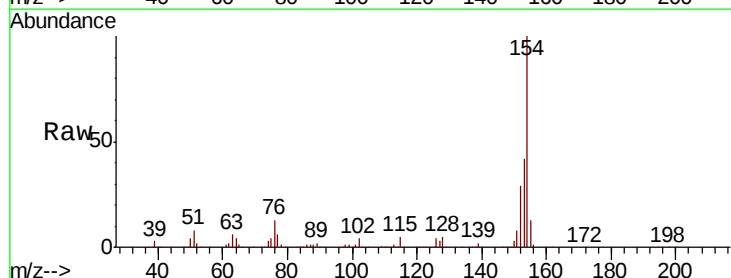
Delta R.T. 0.01 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

Tgt Ion:154 Resp: 455616

Ion	Ratio	Lower	Upper
154	100		
153	42.2	22.5	62.5
76	13.0	0.0	33.7

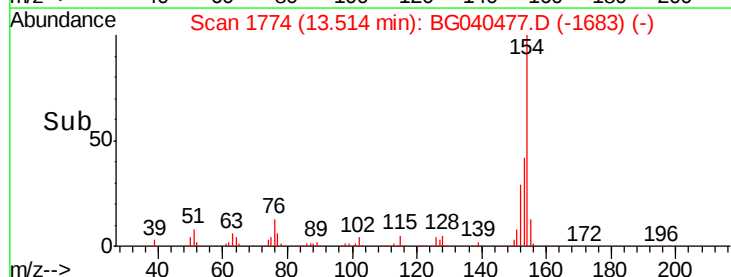
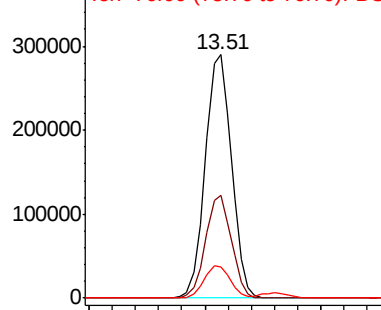


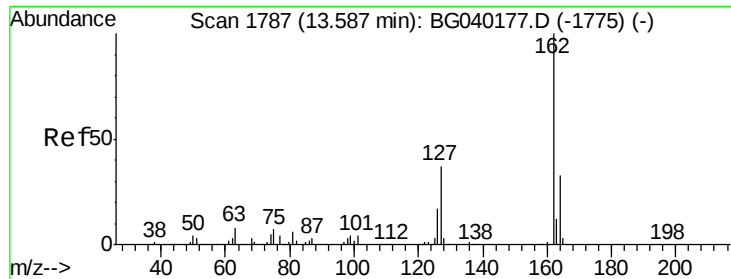
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

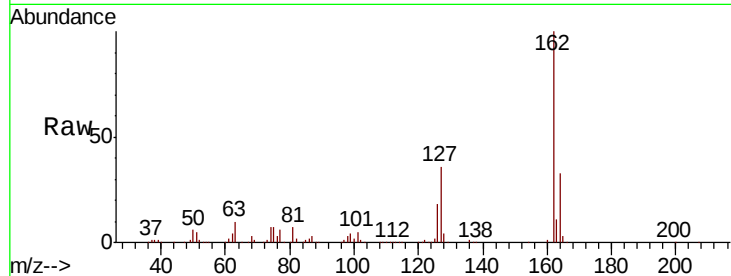




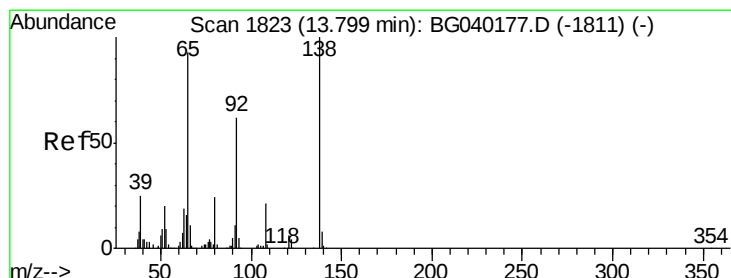
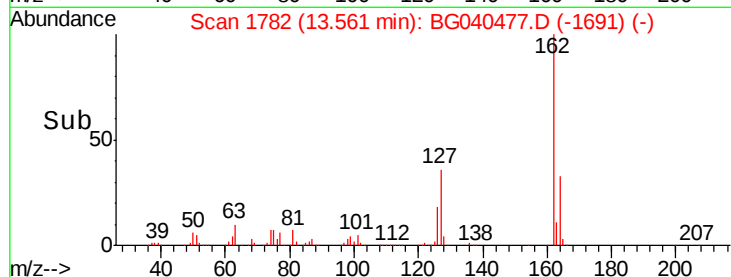
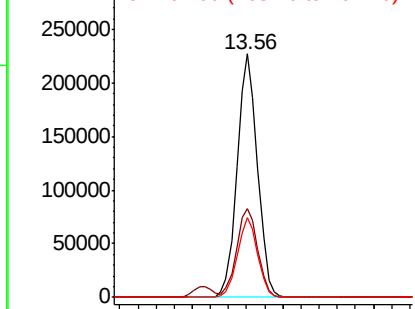
#47
2-Chloronaphthalene
Concen: 40.864 ng
RT: 13.56 min Scan# 1782
Delta R.T. 0.01 min
Lab File: BG040477.D
Acq: 15 Apr 2019 12:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.4	30.6	45.8
164	32.6	26.2	39.4

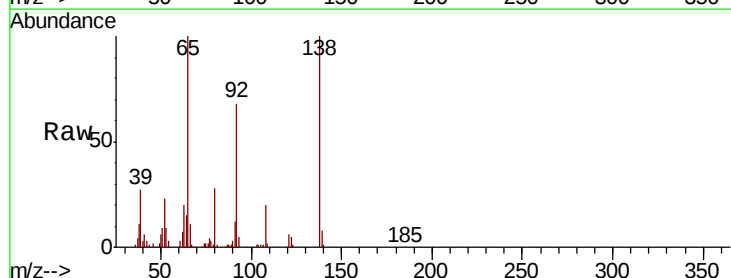


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

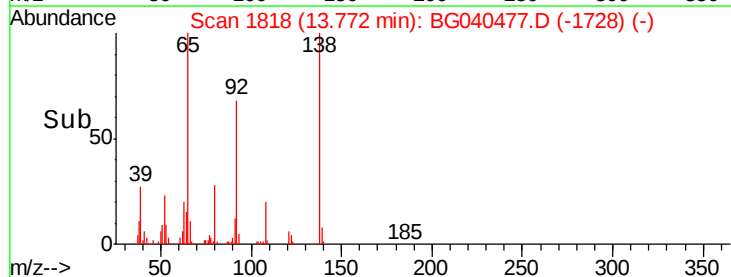
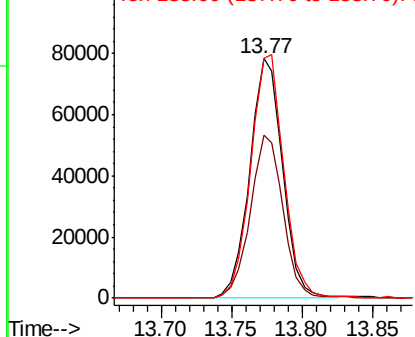


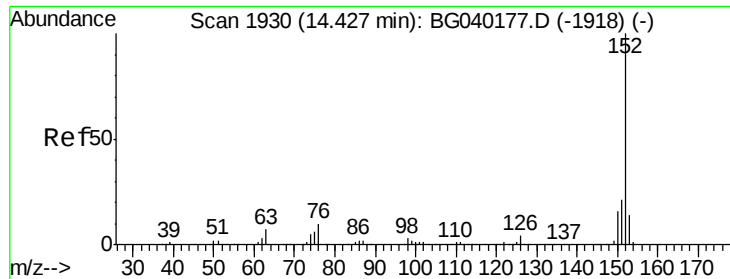
#48
2-Nitroaniline
Concen: 43.800 ng
RT: 13.77 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BG040477.D
Acq: 15 Apr 2019 12:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.9	53.8	80.6
138	100.2	86.3	129.5



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.408 ng

RT: 14.41 min Scan# 1926

Delta R.T. 0.01 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

Instrument :

BNA_G

ClientSampleId :

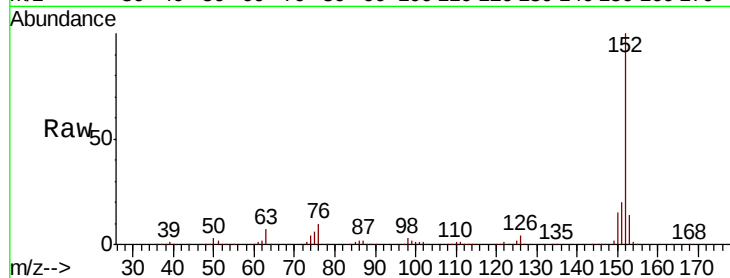
Tot Ion:152 Resp: 608877

Ion Ratio Lower Upper

152 100

151 20.3 17.0 25.6

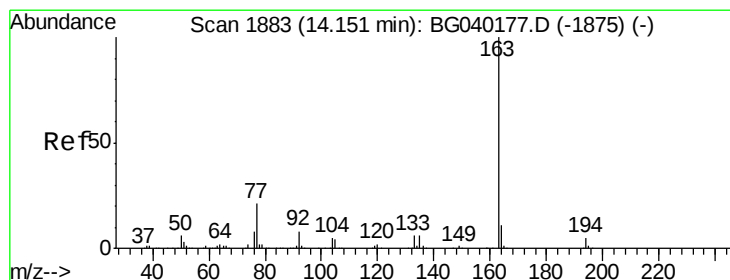
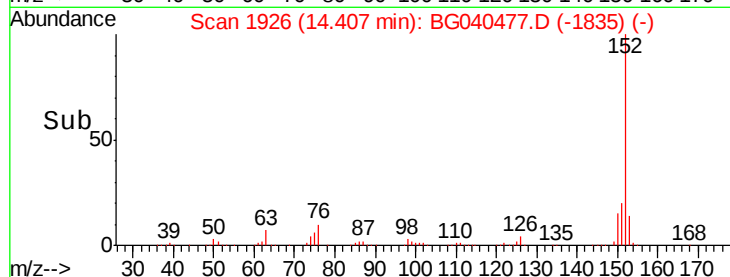
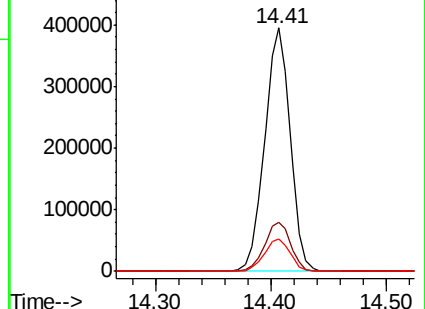
153 13.5 10.8 16.2



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: 43.071 ng

RT: 14.13 min Scan# 1879

Delta R.T. 0.01 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

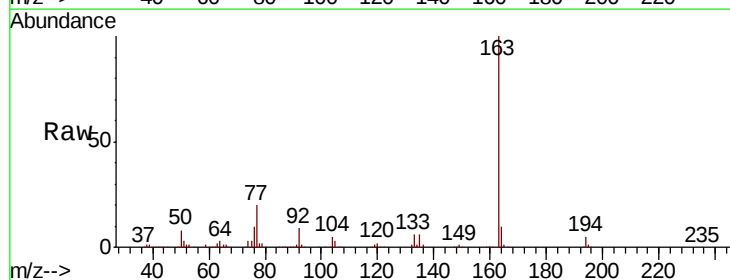
Tgt Ion:163 Resp: 482350

Ion Ratio Lower Upper

163 100

194 4.8 4.1 6.1

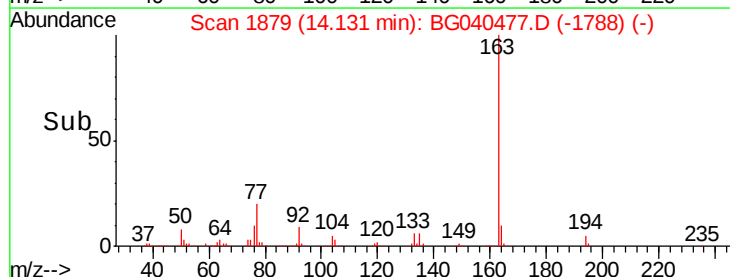
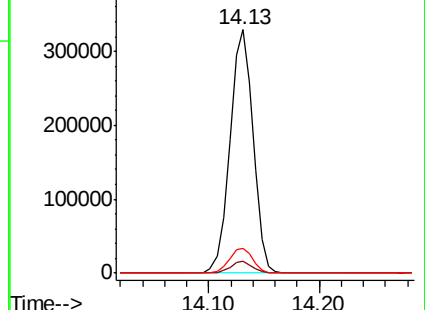
164 10.3 8.6 13.0

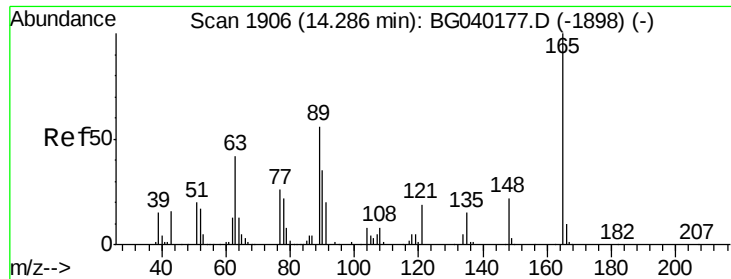


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.295 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.00 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

Instrument :

BNA_G

ClientSampled :

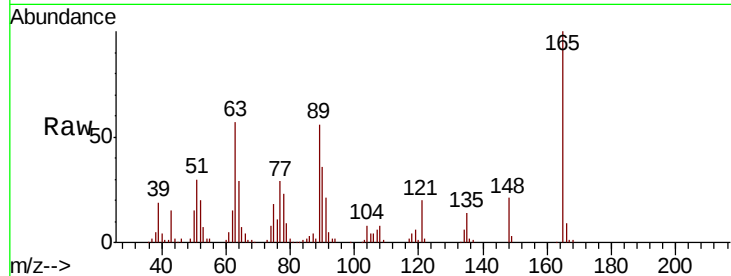
Tot Ion:165 Resp: 111384

Ion Ratio Lower Upper

165 100

63 56.5 44.1 66.1

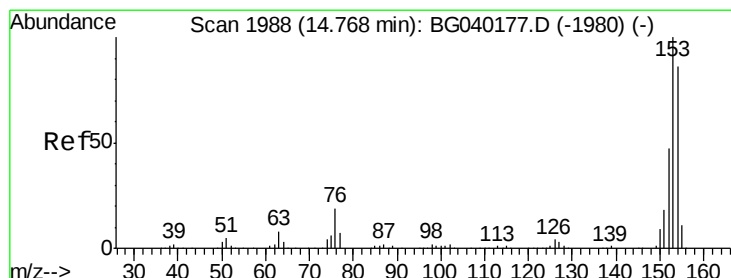
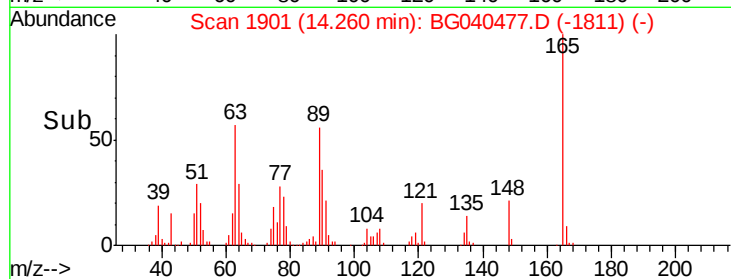
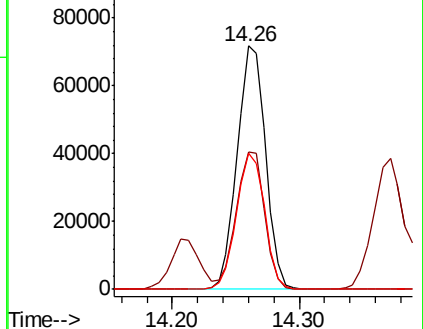
89 56.1 44.9 67.3



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



#52

Acenaphthene

Concen: 41.410 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

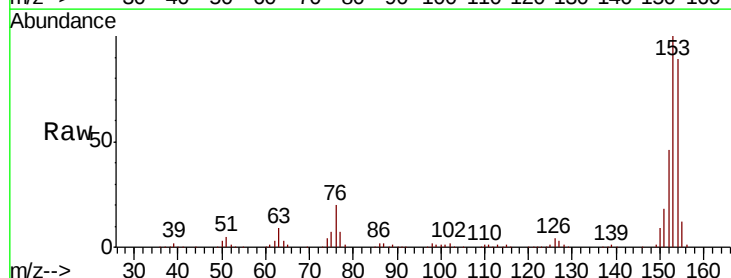
Tgt Ion:154 Resp: 348912

Ion Ratio Lower Upper

154 100

153 112.2 92.8 139.2

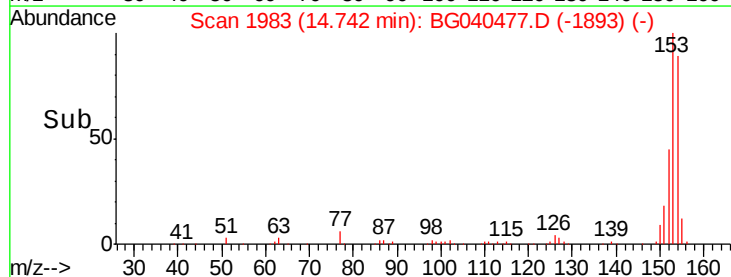
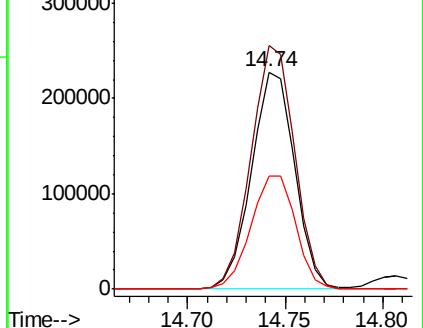
152 51.8 43.4 65.2

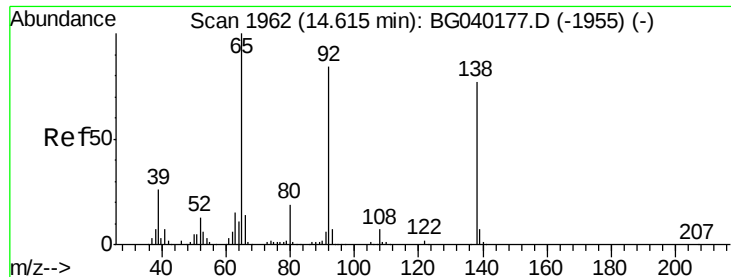


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 46.339 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.01 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

Instrument :

BNA_G

ClientSampleId :

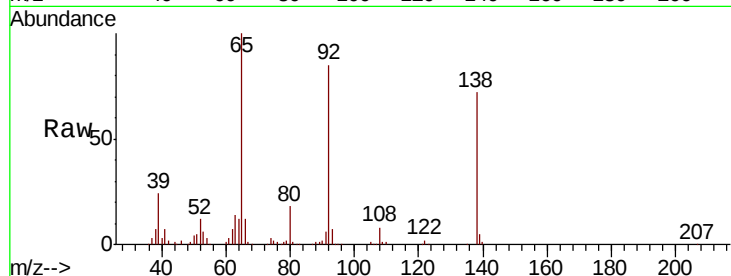
Tot Ion:138 Resp: 123344

Ion Ratio Lower Upper

138 100

108 11.7 7.8 11.8

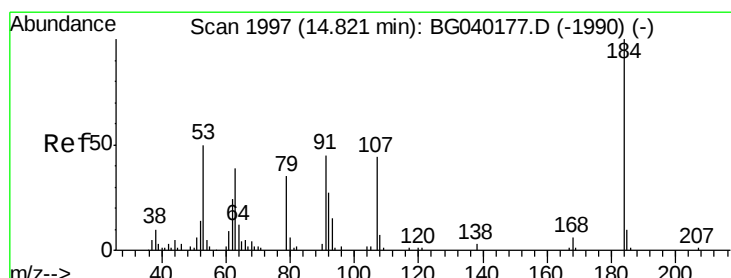
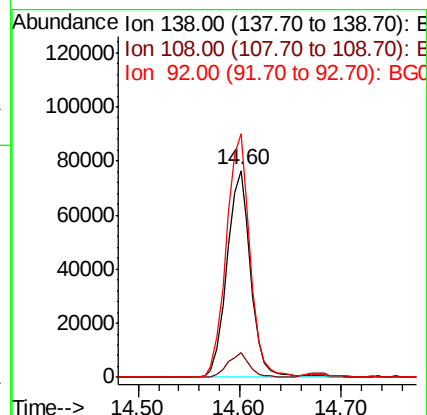
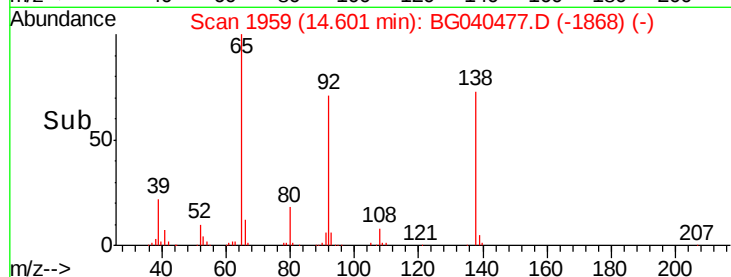
92 117.7 87.5 131.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 30.898 ng

RT: 14.81 min Scan# 1994

Delta R.T. 0.01 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

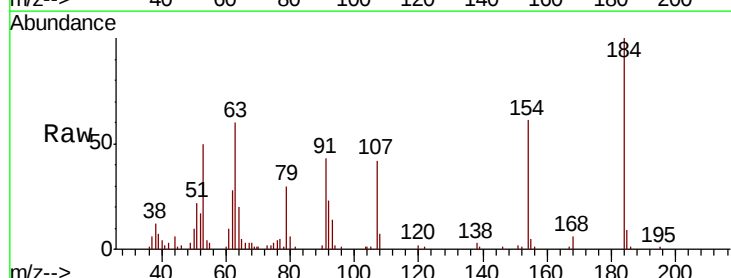
Tgt Ion:184 Resp: 41320

Ion Ratio Lower Upper

184 100

63 60.3 51.8 77.8

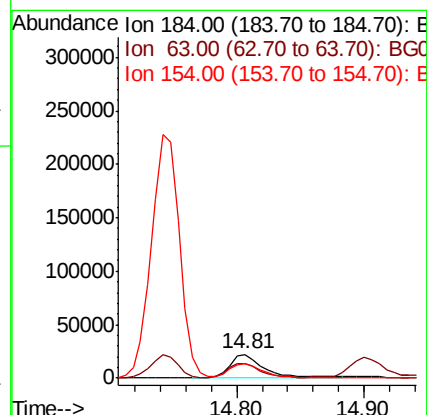
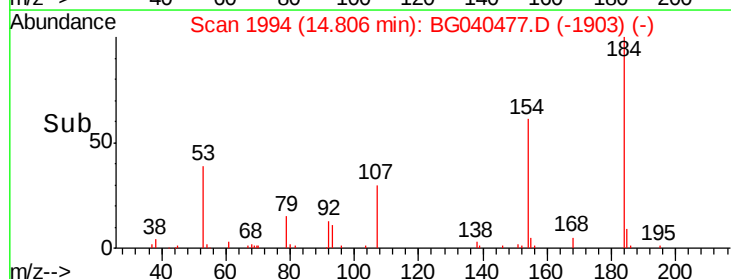
154 60.9 50.9 76.3

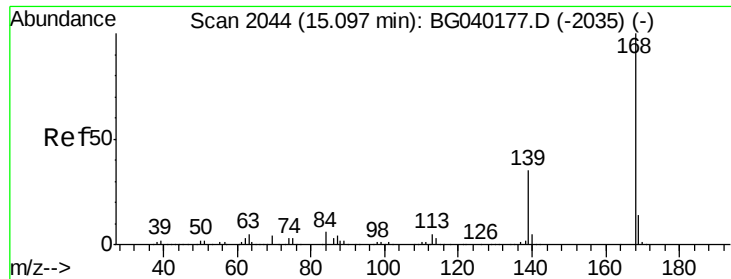


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

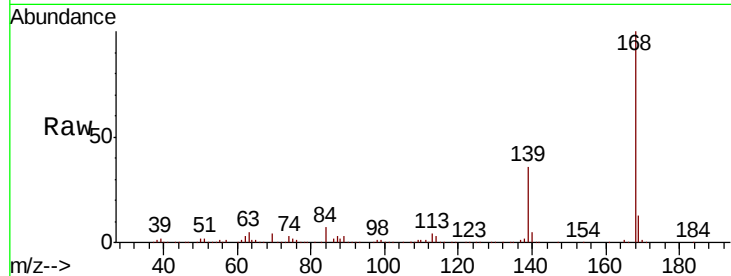




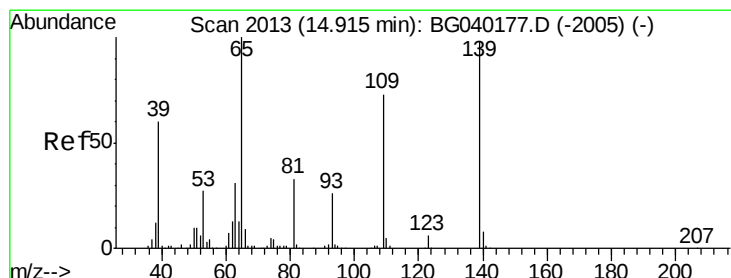
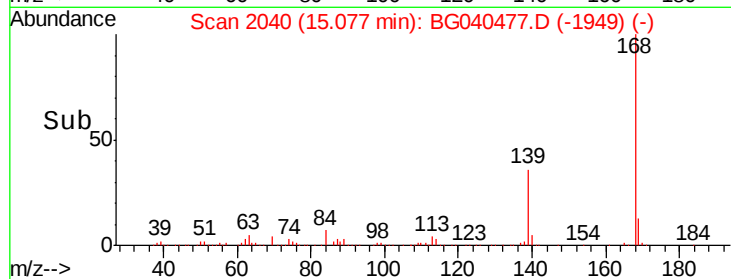
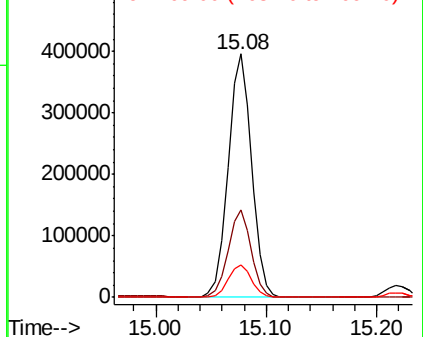
#55
Dibenzenofuran
Concen: 43.369 ng
RT: 15.08 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BG040477.D
Acq: 15 Apr 2019 12:57

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 587171
Ion Ratio Lower Upper
168 100
139 35.7 27.9 41.9
169 13.4 11.3 16.9

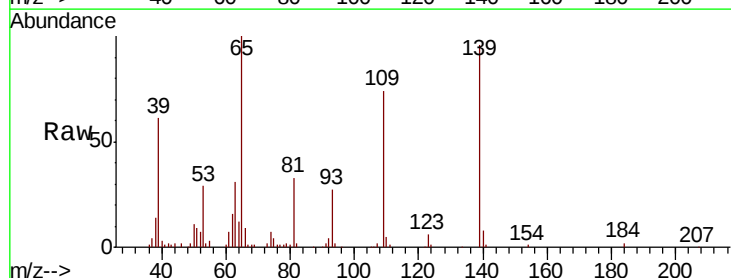


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

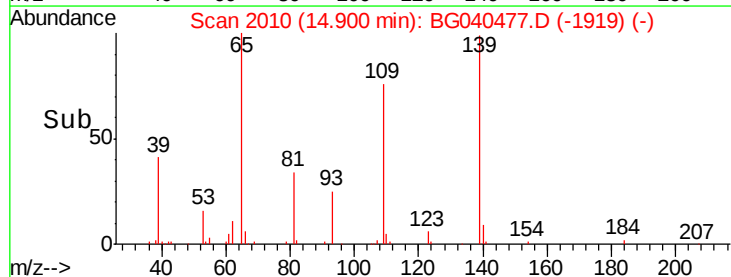
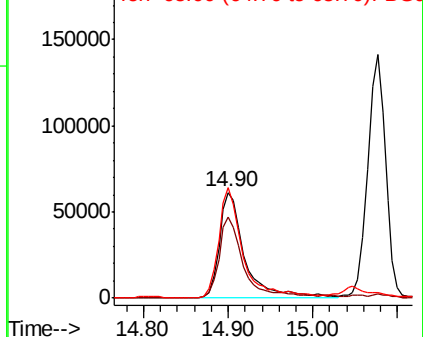


#56
4-Nitrophenol
Concen: 60.150 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BG040477.D
Acq: 15 Apr 2019 12:57

Tgt Ion:139 Resp: 129219
Ion Ratio Lower Upper
139 100
109 77.1 54.3 94.3
65 104.1 82.5 122.5



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

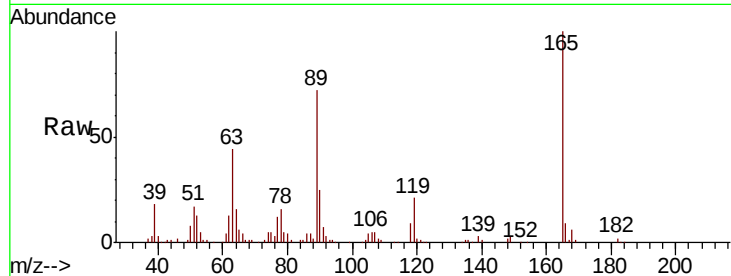




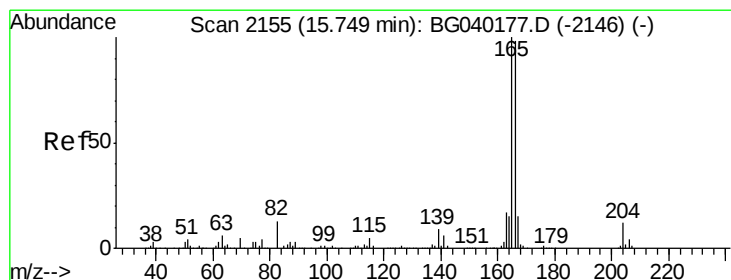
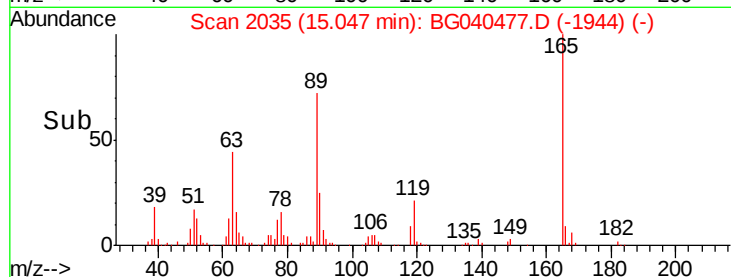
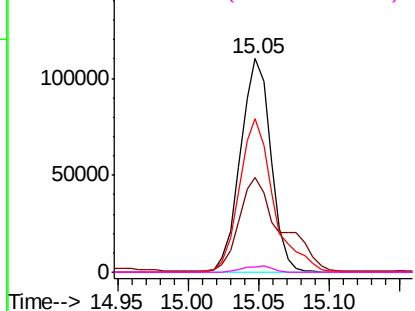
#57
2,4-Dinitrotoluene
Concen: 47.636 ng
RT: 15.05 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BG040477.D
Acq: 15 Apr 2019 12:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.3	33.8	50.6
89	71.7	55.4	83.2
182	2.4	2.2	3.4

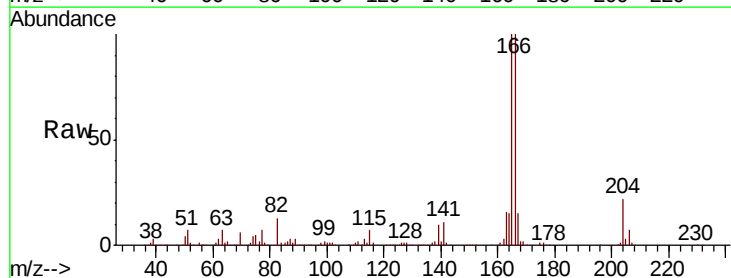


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

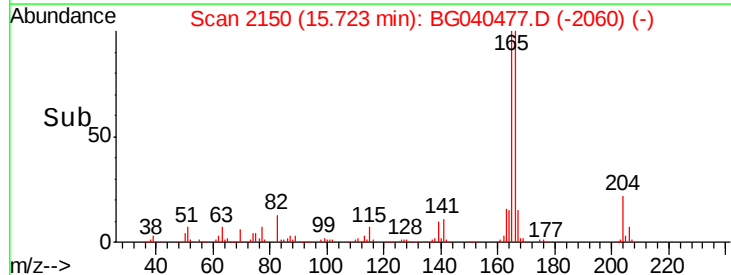
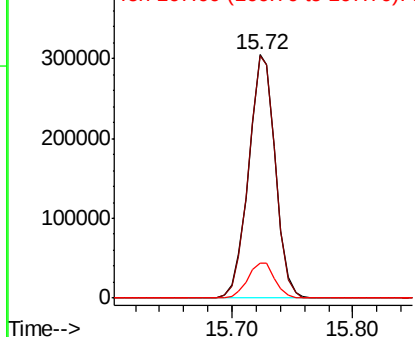


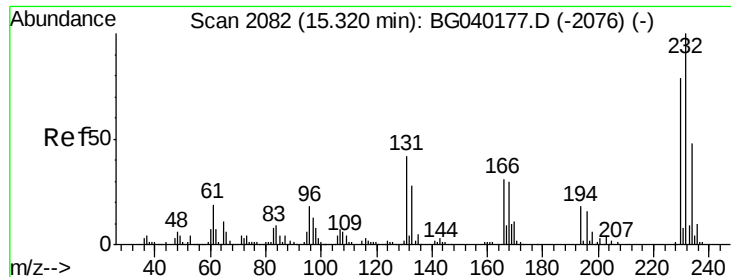
#58
Fluorene
Concen: 43.963 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG040477.D
Acq: 15 Apr 2019 12:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	81.7	122.5
167	14.6	11.9	17.9



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

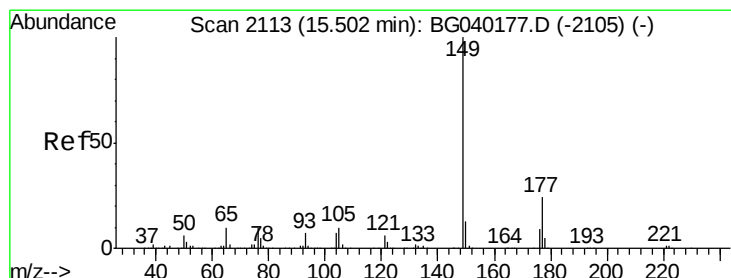
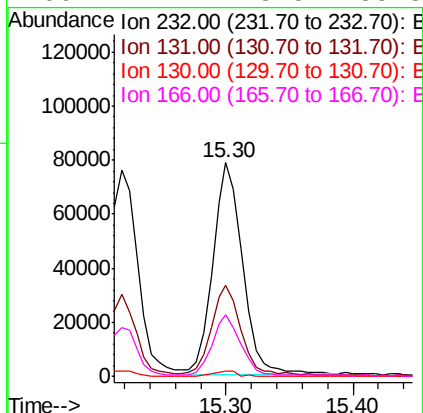
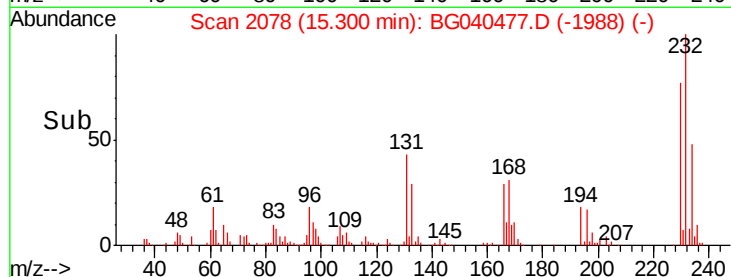
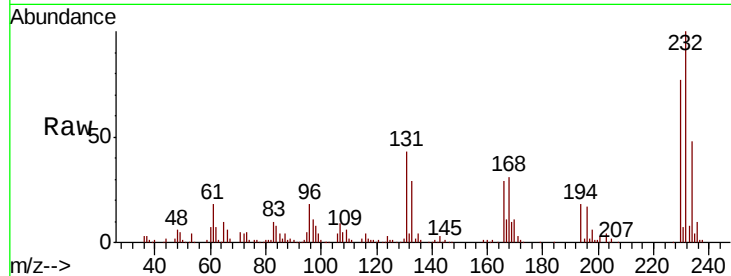




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.742 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.00 min
 Lab File: BG040477.D
 Acq: 15 Apr 2019 12:57

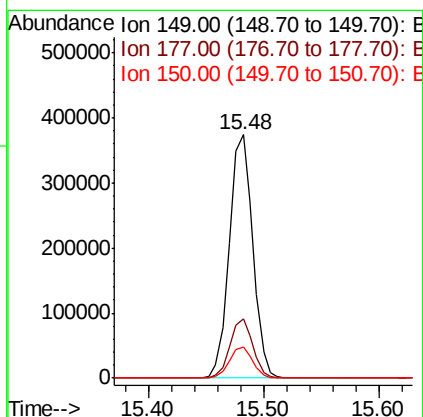
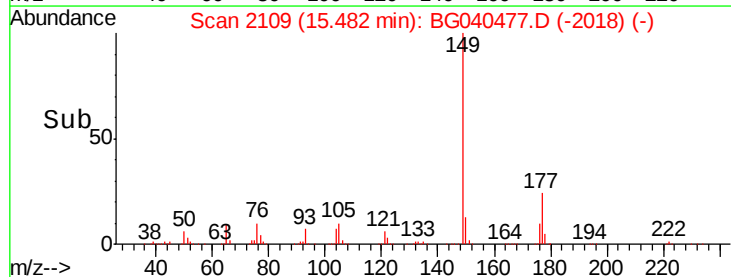
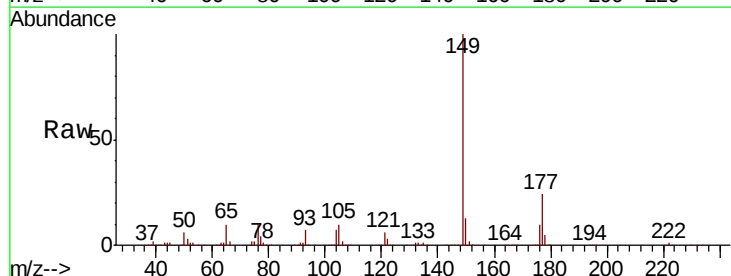
Instrument :
 BNA_G
 ClientSampleId :

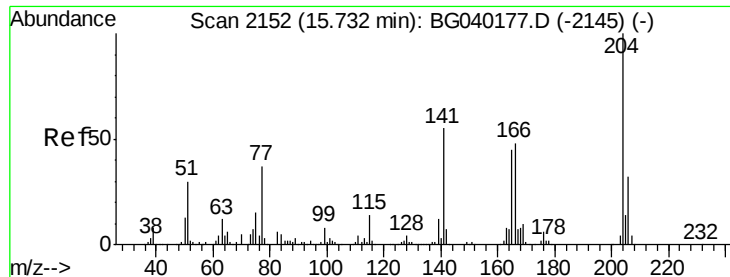
Tot Ion:	232	Resp:	126864
Ion	Ratio	Lower	Upper
232	100		
131	43.1	32.9	49.3
130	2.0	1.8	2.8
166	27.4	23.5	35.3



#60
 Diethylphthalate
 Concen: 45.681 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. 0.01 min
 Lab File: BG040477.D
 Acq: 15 Apr 2019 12:57

Tgt Ion:	149	Resp:	523504
Ion	Ratio	Lower	Upper
149	100		
177	24.5	19.1	28.7
150	12.8	10.6	15.8

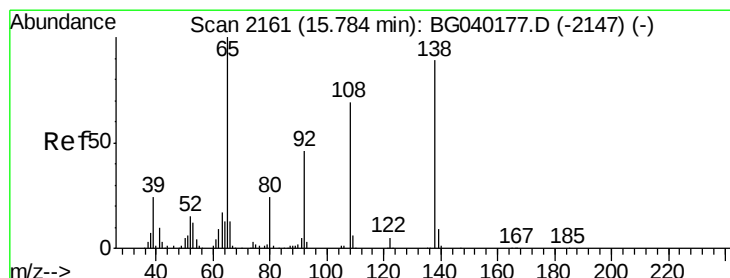
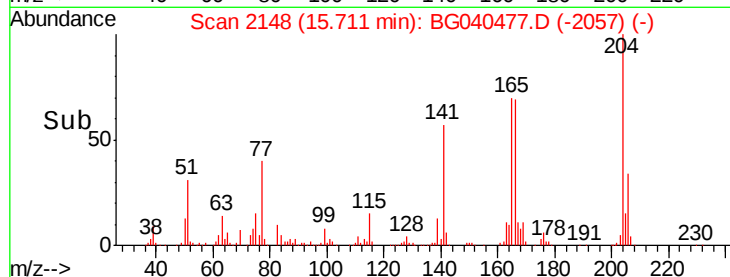
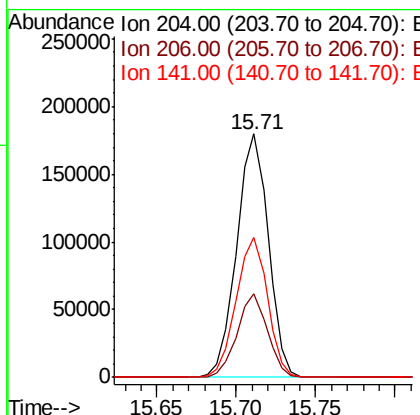
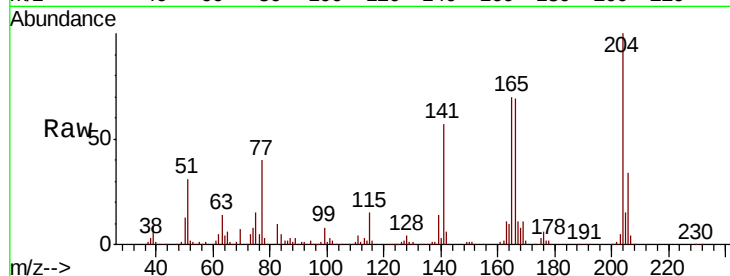




#61
 4-Chlorophenyl-phenylether
 Concen: 43.727 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. 0.01 min
 Lab File: BG040477.D
 Acq: 15 Apr 2019 12:57

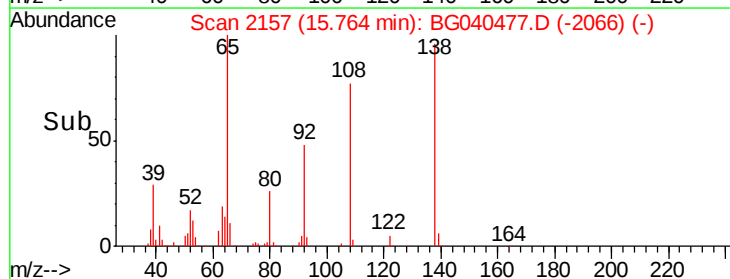
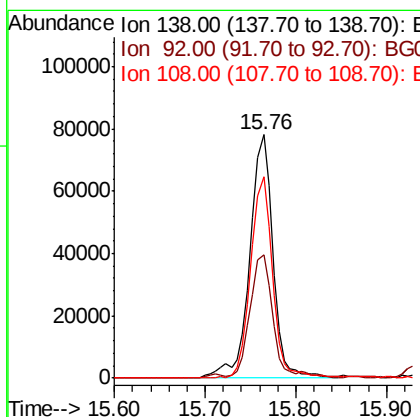
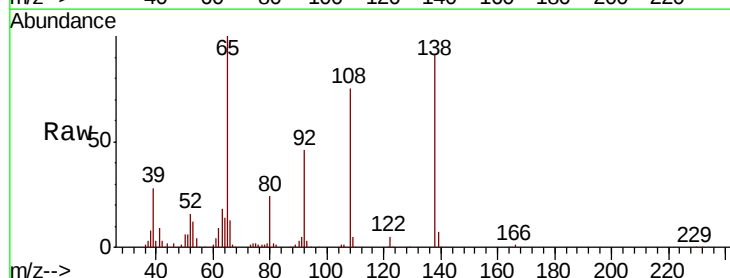
Instrument :
 BNA_G
 ClientSampled :

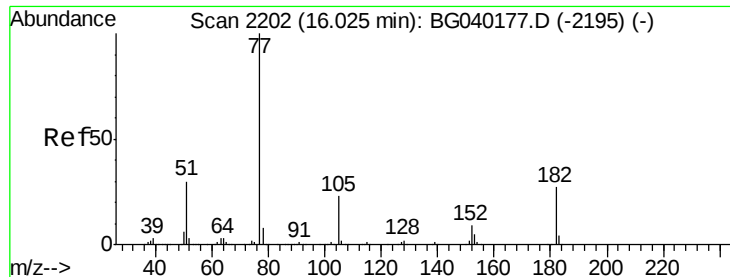
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.4	25.7	38.5
141	57.3	44.0	66.0



#62
 4-Nitroaniline
 Concen: 48.663 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. 0.01 min
 Lab File: BG040477.D
 Acq: 15 Apr 2019 12:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.7	31.8	71.8
108	82.7	57.2	97.2





#63

Azobenzene

Concen: 44.915 ng

RT: 16.00 min Scan# 2198

Delta R.T. 0.01 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 485517

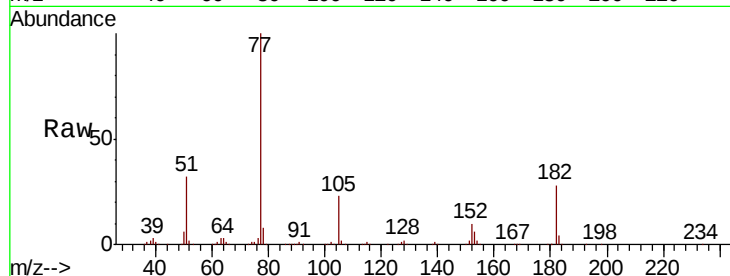
Ion Ratio Lower Upper

77 100

182 28.3 7.2 47.2

105 22.9 2.8 42.8

51 32.3 10.4 50.4

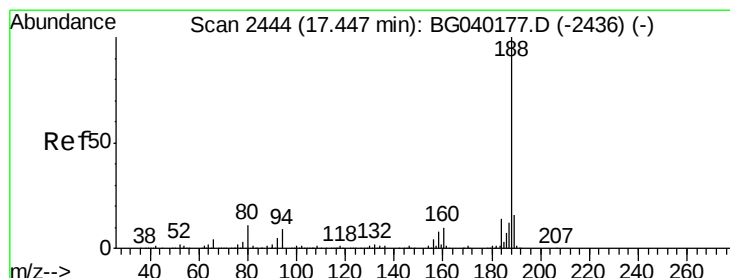
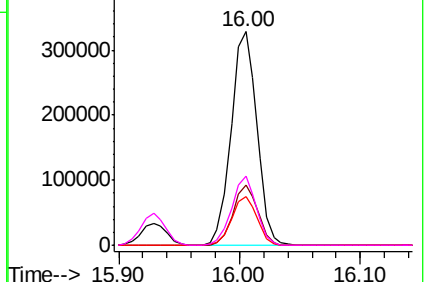
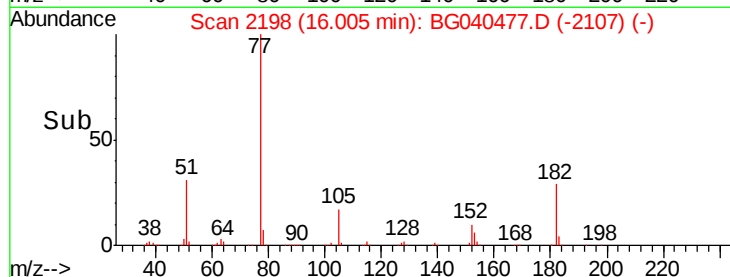


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

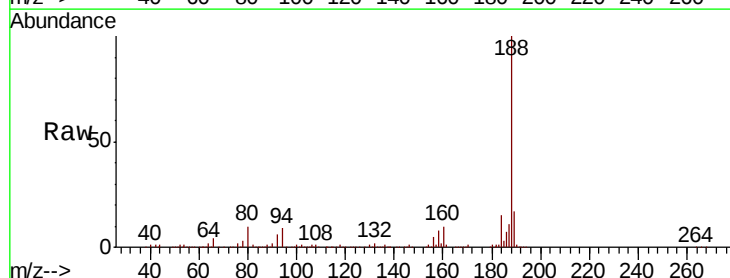
Tgt Ion: 188 Resp: 391082

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.4

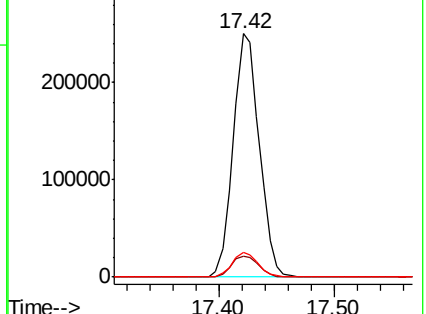
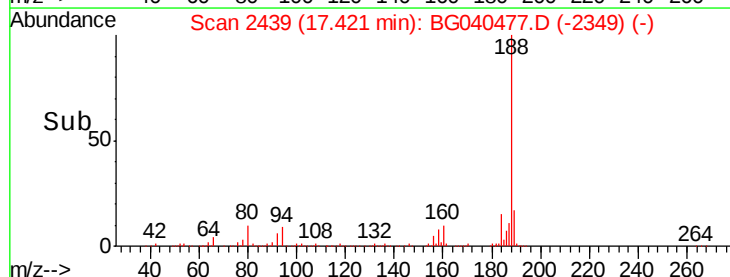
80 10.4 8.6 13.0



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

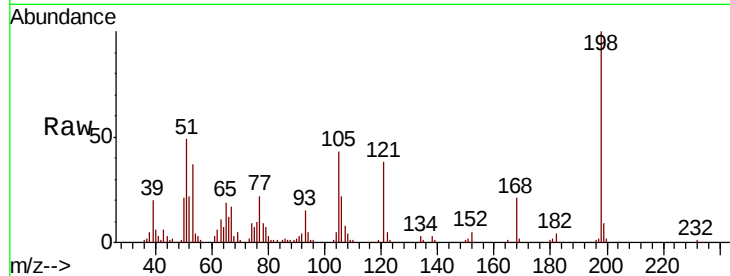




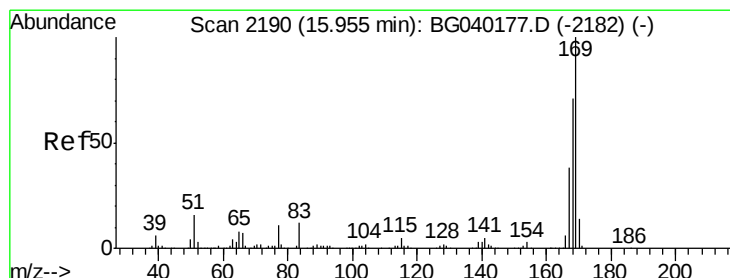
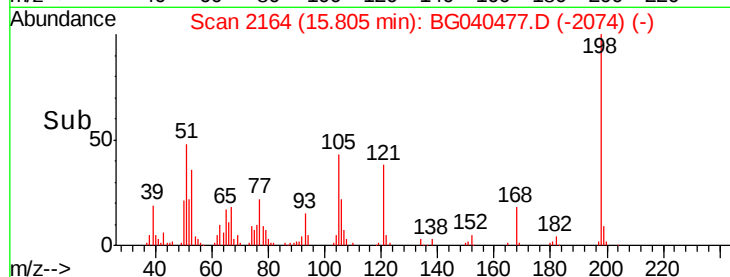
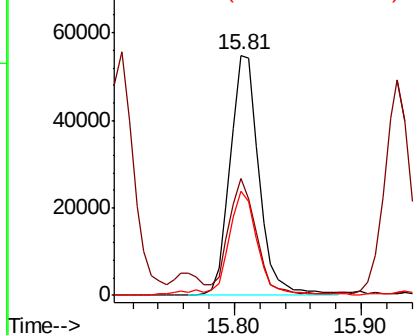
#65
4,6-Dinitro-2-methylphenol
Concen: 39.371 ng
RT: 15.81 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BG040477.D
Acq: 15 Apr 2019 12:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 86504
Ion Ratio Lower Upper
198 100
51 48.5 27.3 67.3
105 43.2 21.7 61.7

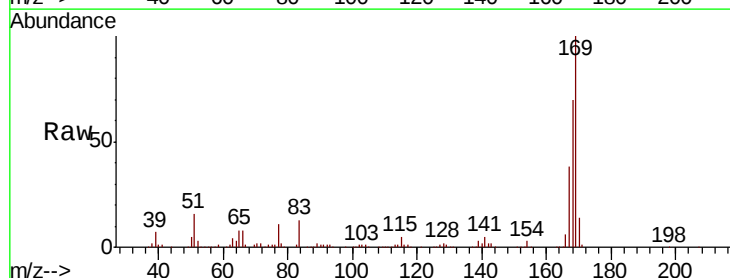


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

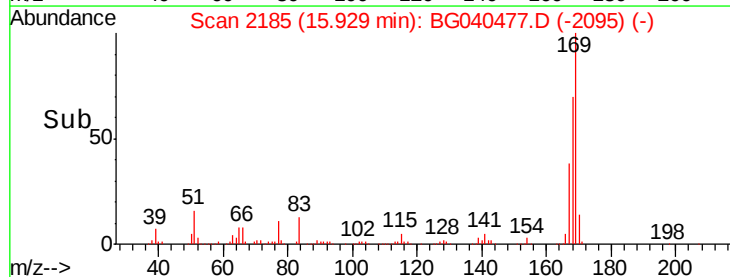
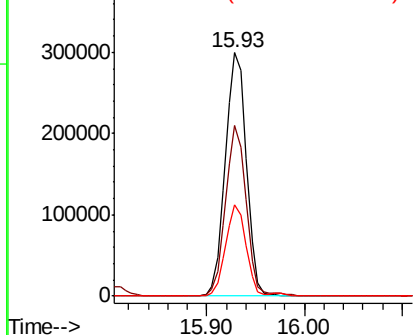


#66
n-Nitrosodiphenylamine
Concen: 39.086 ng
RT: 15.93 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BG040477.D
Acq: 15 Apr 2019 12:57

Tgt Ion:169 Resp: 447309
Ion Ratio Lower Upper
169 100
168 69.8 56.8 85.2
167 37.7 30.2 45.4



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

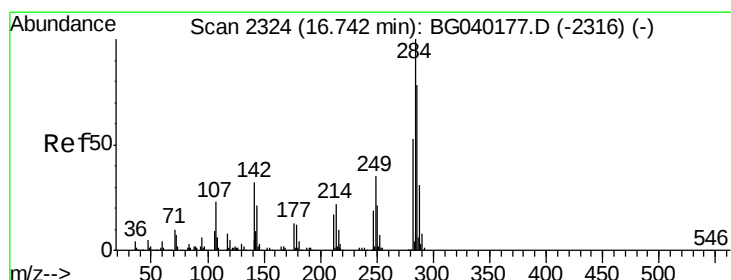
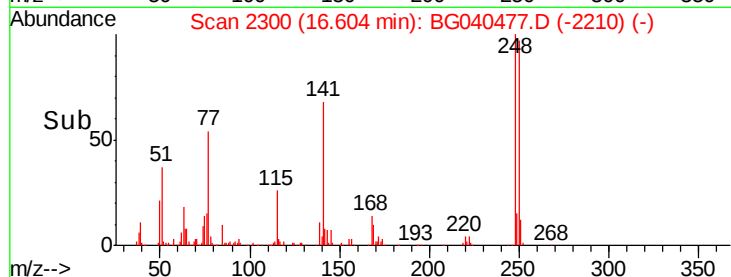
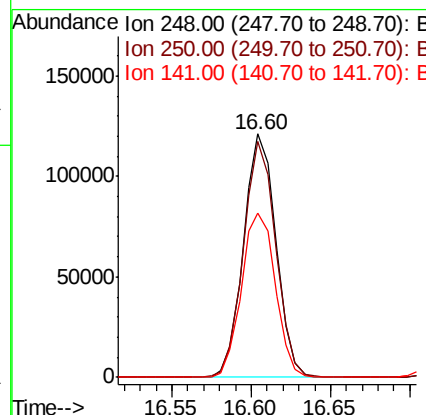
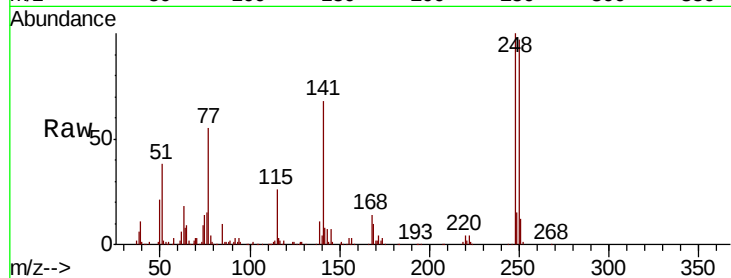




#67
4-Bromophenyl-phenylether
Concen: 38.955 ng
RT: 16.60 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BG040477.D
Acq: 15 Apr 2019 12:57

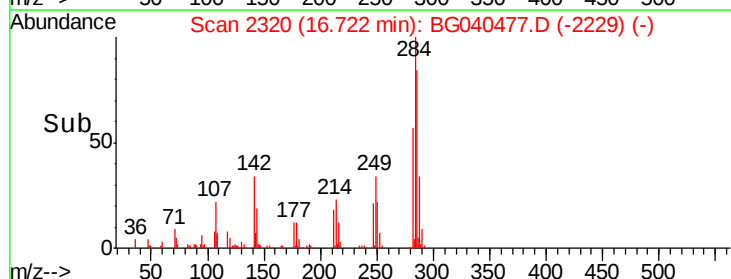
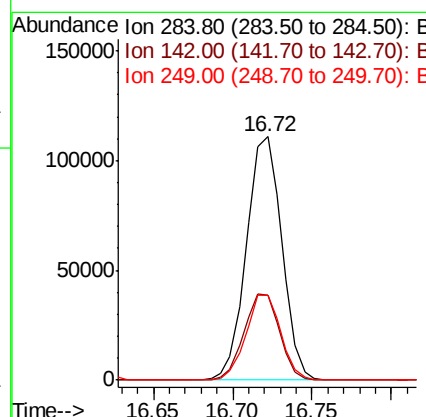
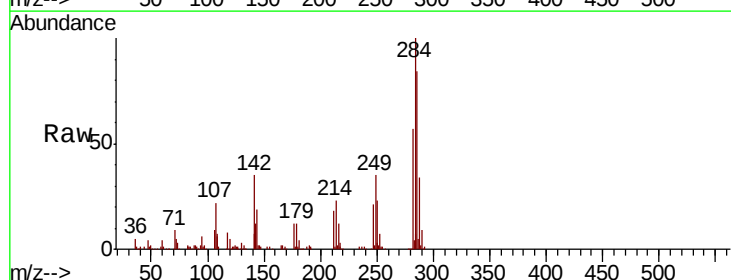
Instrument :
BNA_G
ClientSampleId :

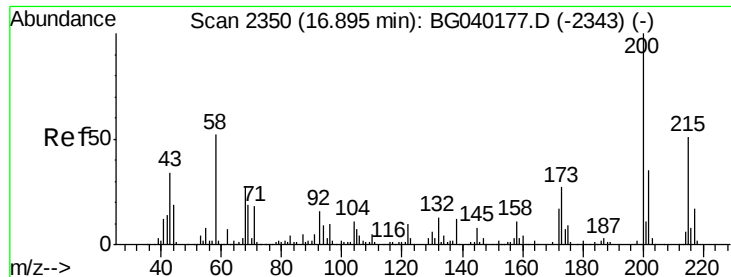
Tot Ion:248 Resp: 171444
Ion Ratio Lower Upper
248 100
250 96.9 76.4 114.6
141 67.5 53.8 80.8



#68
Hexachlorobenzene
Concen: 38.810 ng
RT: 16.72 min Scan# 2320
Delta R.T. 0.01 min
Lab File: BG040477.D
Acq: 15 Apr 2019 12:57

Tgt Ion:284 Resp: 171736
Ion Ratio Lower Upper
284 100
142 34.8 25.3 37.9
249 37.3 28.2 42.2





#69

Atrazine

Concen: 37.551 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

Instrument :

BNA_G

ClientSampleId :

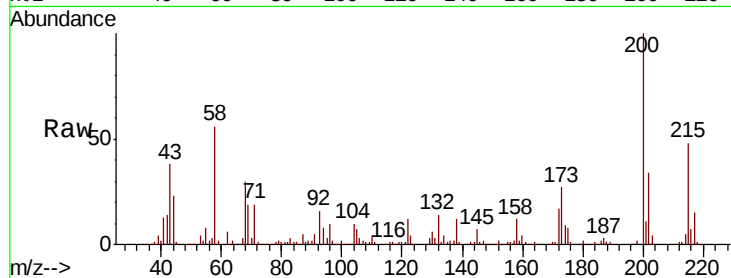
Tot Ion:200 Resp: 159861

Ion Ratio Lower Upper

200 100

173 26.9 7.1 47.1

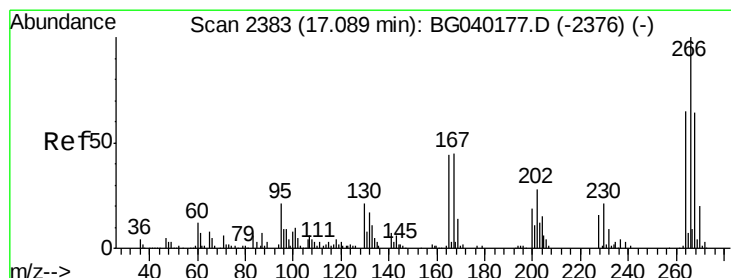
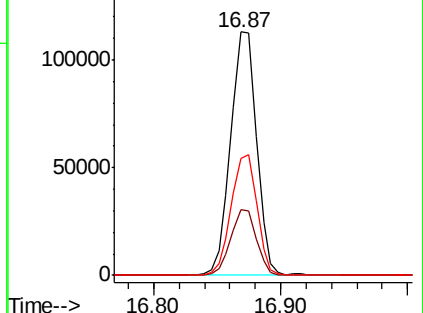
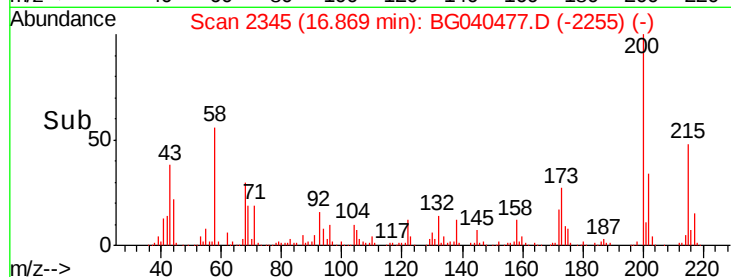
215 48.0 30.9 70.9



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: 48.747 ng

RT: 17.07 min Scan# 2380

Delta R.T. 0.01 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

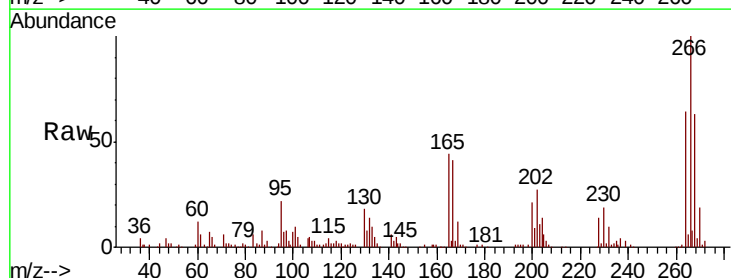
Tgt Ion:266 Resp: 124709

Ion Ratio Lower Upper

266 100

268 63.4 55.0 82.4

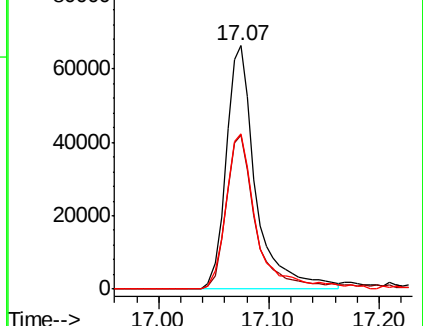
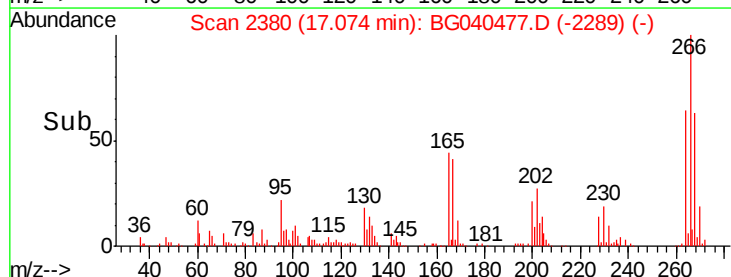
264 63.9 51.8 77.8

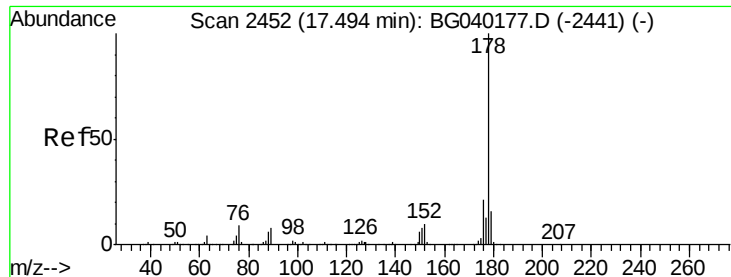


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

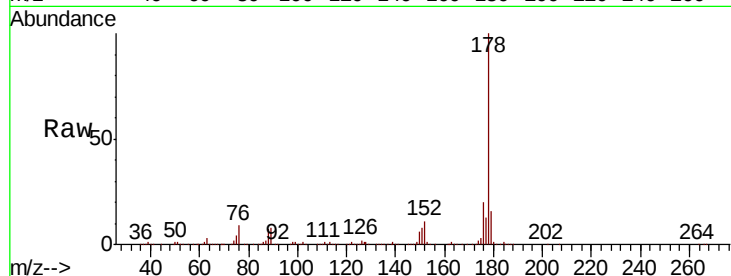




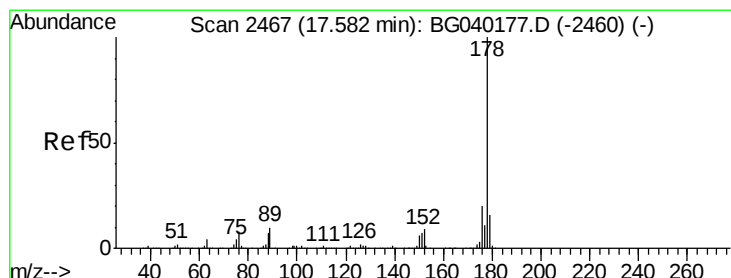
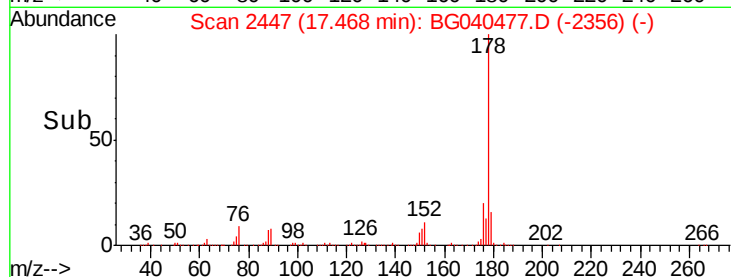
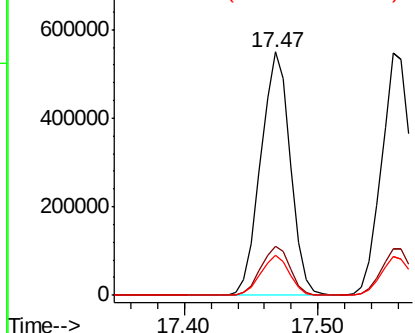
#71
Phenanthrene
Concen: 40.869 ng
RT: 17.47 min Scan# 2447
Delta R.T. 0.01 min
Lab File: BG040477.D
Acq: 15 Apr 2019 12:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 840103
Ion Ratio Lower Upper
178 100
176 20.2 16.7 25.1
179 16.3 12.8 19.2

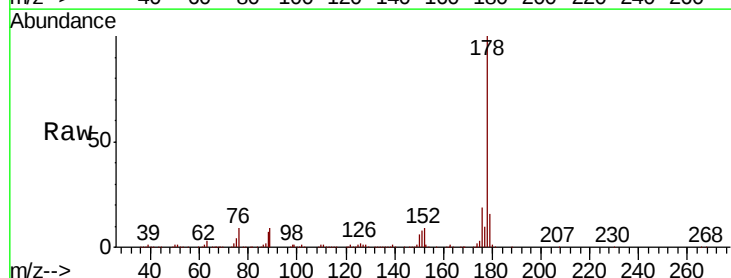


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

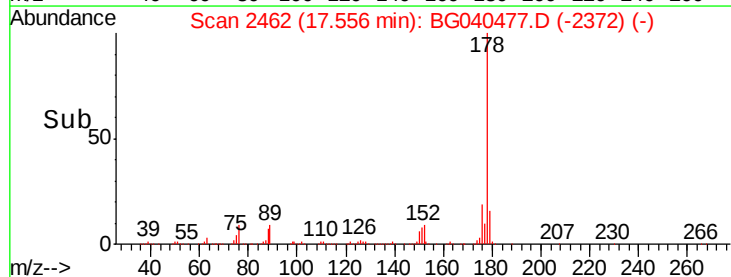
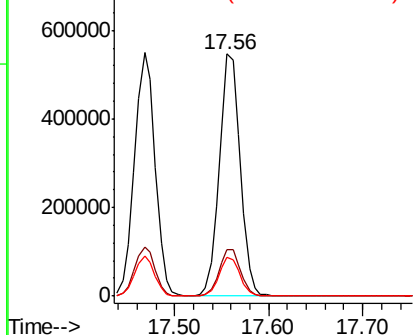


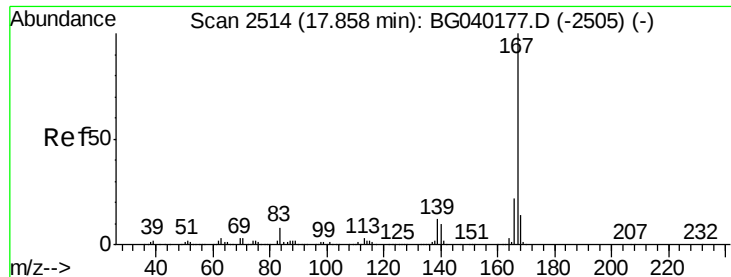
#72
Anthracene
Concen: 41.158 ng
RT: 17.56 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BG040477.D
Acq: 15 Apr 2019 12:57

Tgt Ion:178 Resp: 846819
Ion Ratio Lower Upper
178 100
176 19.0 15.9 23.9
179 16.1 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





#73

Carbazole

Concen: 43.273 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.00 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

Instrument :

BNA_G

ClientSampleId :

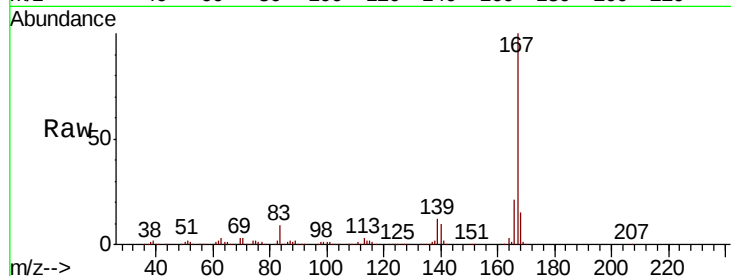
Tot Ion:167 Resp: 842594

Ion Ratio Lower Upper

167 100

166 21.1 17.5 26.3

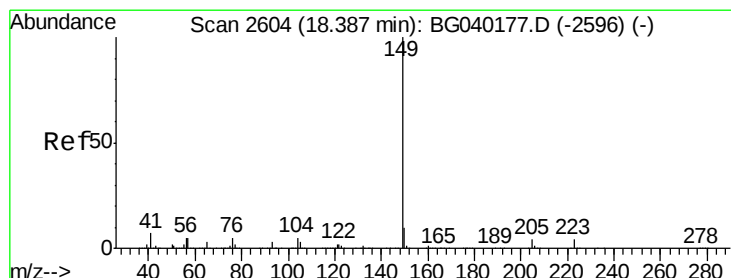
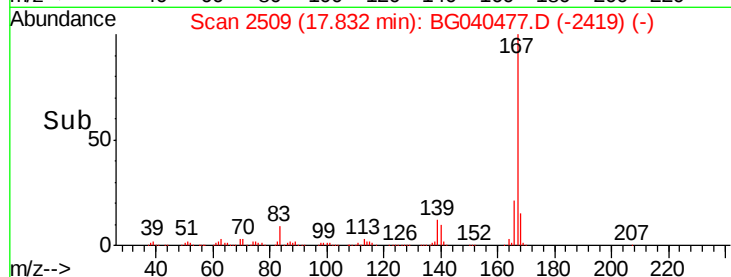
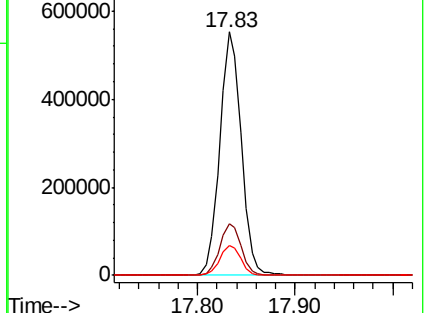
139 12.5 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.702 ng

RT: 18.36 min Scan# 2599

Delta R.T. -0.00 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

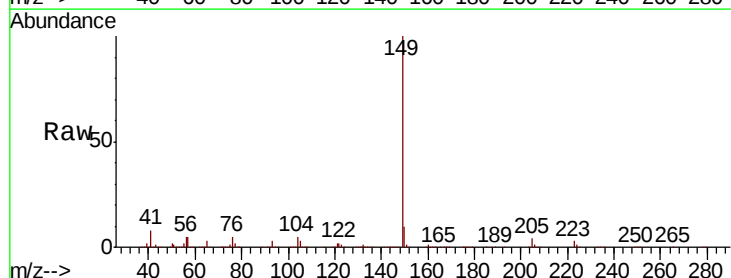
Tgt Ion:149 Resp: 1008684

Ion Ratio Lower Upper

149 100

150 10.2 7.9 11.9

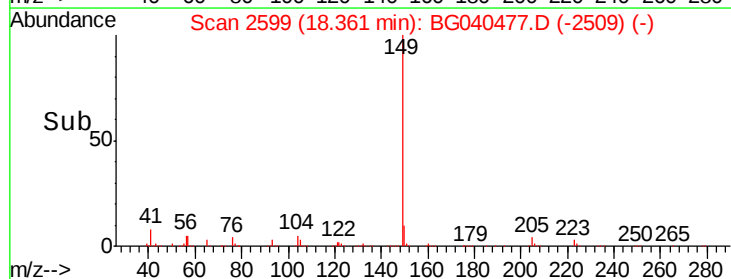
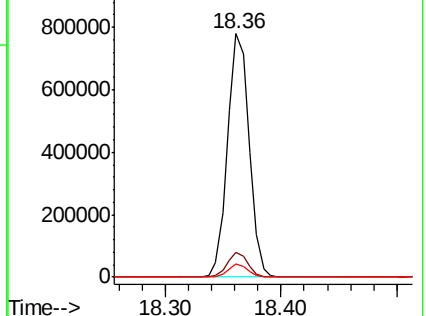
104 5.5 4.1 6.1

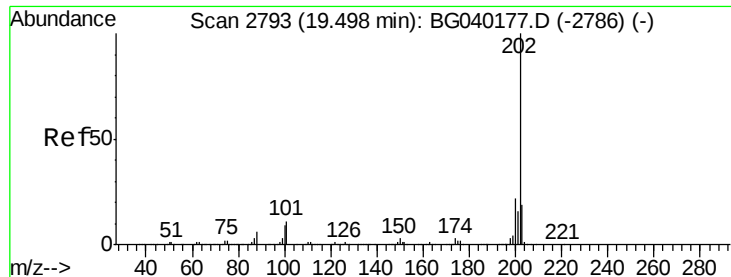


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.952 ng

RT: 19.48 min Scan# 2789

Delta R.T. 0.01 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

Instrument :

BNA_G

ClientSampleId :

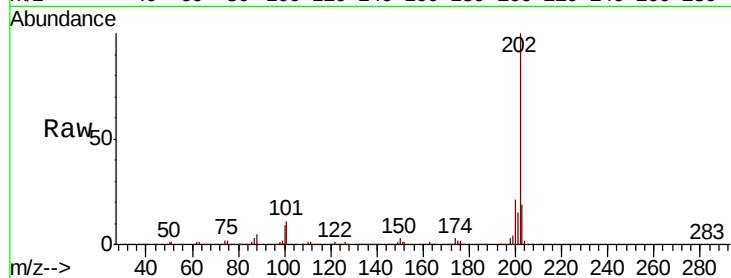
Tot Ion:202 Resp: 1069838

Ion Ratio Lower Upper

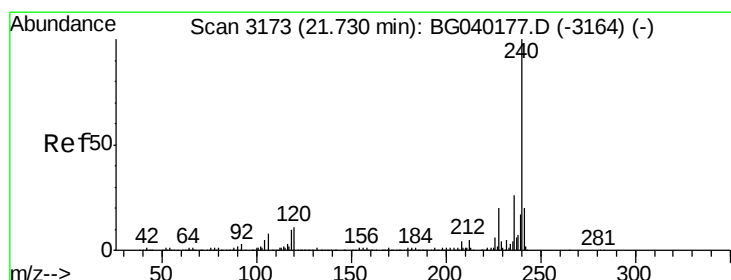
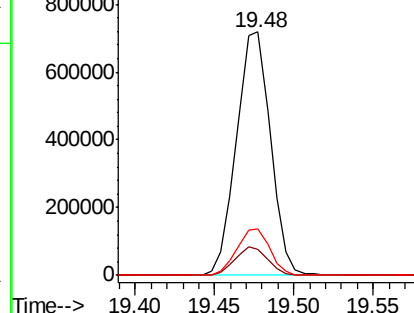
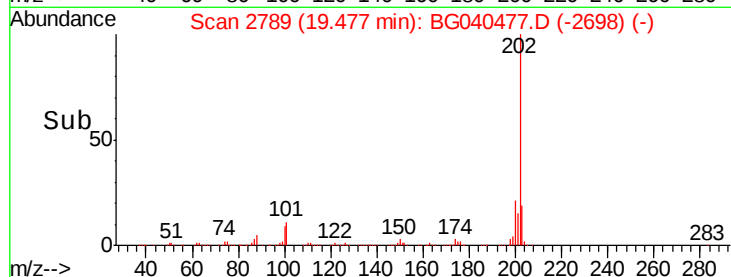
202 100

101 10.9 0.0 30.8

203 19.3 0.0 38.9



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. 0.01 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

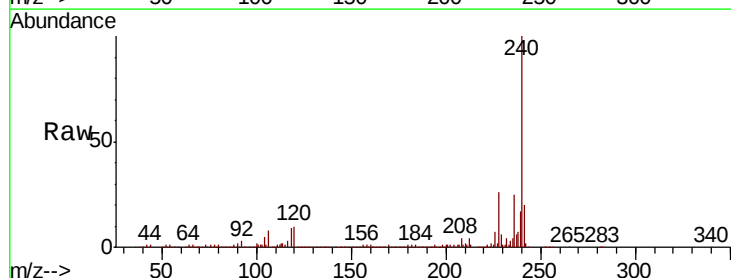
Tgt Ion:240 Resp: 422416

Ion Ratio Lower Upper

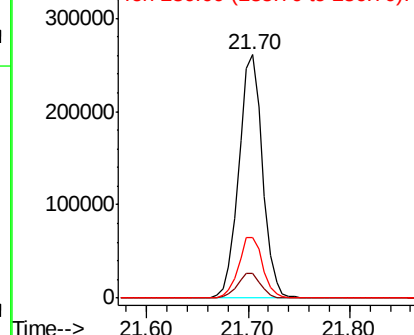
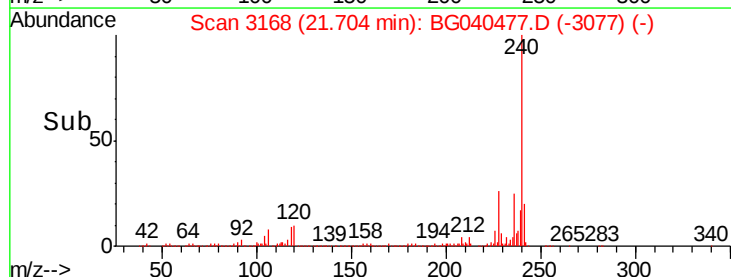
240 100

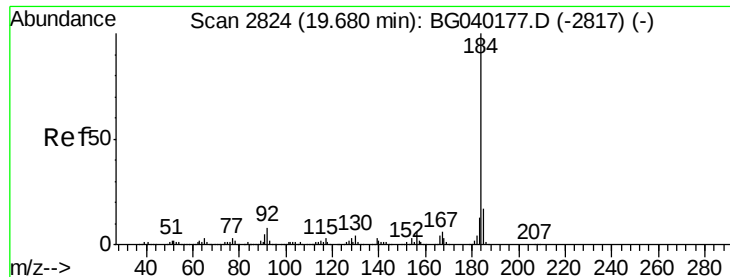
120 10.1 8.4 12.6

236 25.0 20.8 31.2



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: 38.910 ng

RT: 19.66 min Scan# 2820

Delta R.T. 0.01 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

Instrument :

BNA_G

ClientSampleId :

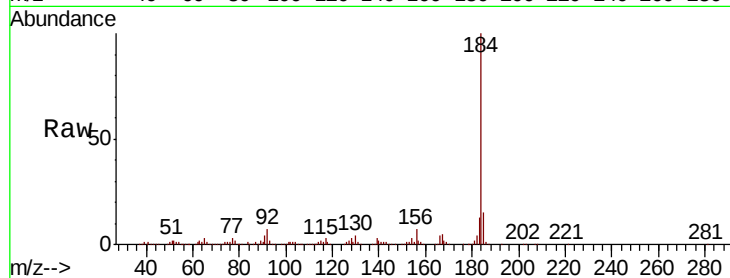
Tot Ion:184 Resp: 593530

Ion Ratio Lower Upper

184 100

185 15.5 13.3 19.9

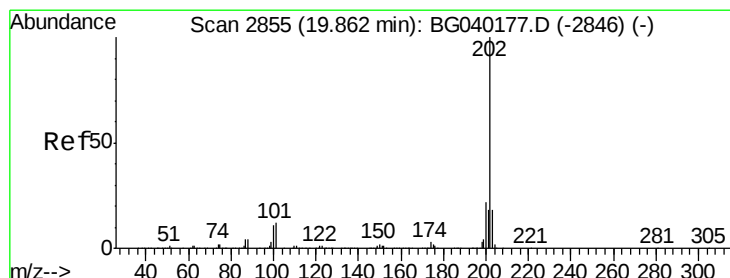
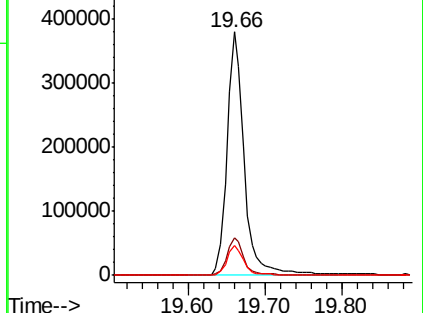
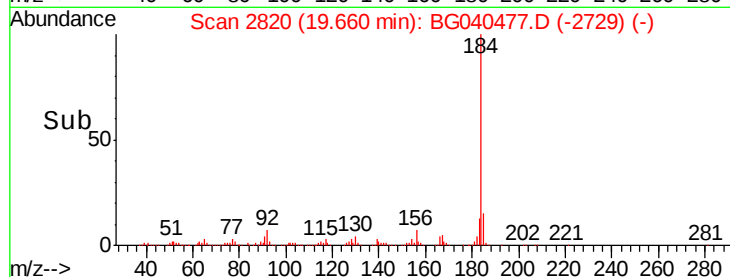
183 12.5 10.3 15.5



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: 39.361 ng

RT: 19.84 min Scan# 2850

Delta R.T. 0.01 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

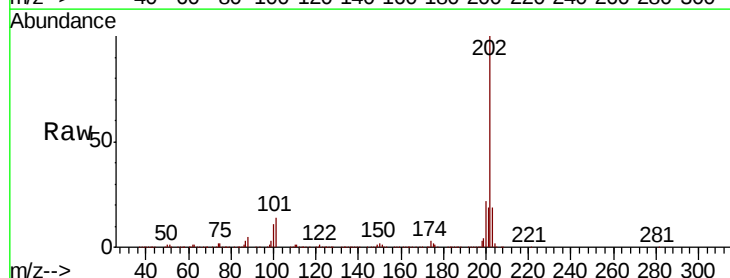
Tgt Ion:202 Resp: 1093401

Ion Ratio Lower Upper

202 100

200 21.6 17.3 25.9

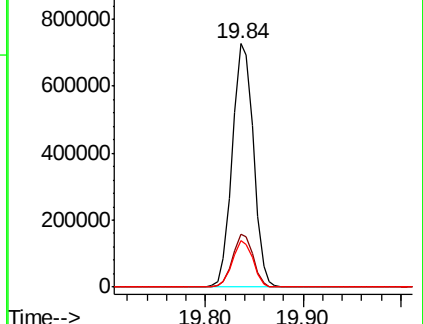
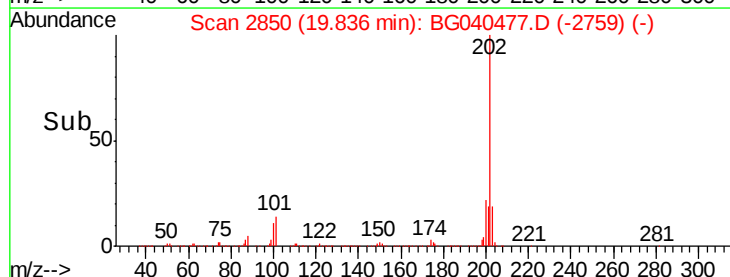
203 18.9 14.6 22.0

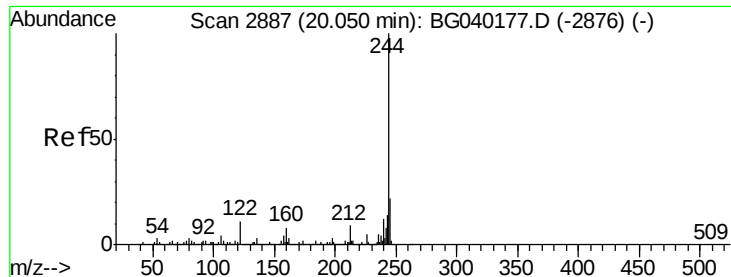


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.349 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

Instrument :

BNA_G

ClientSampled :

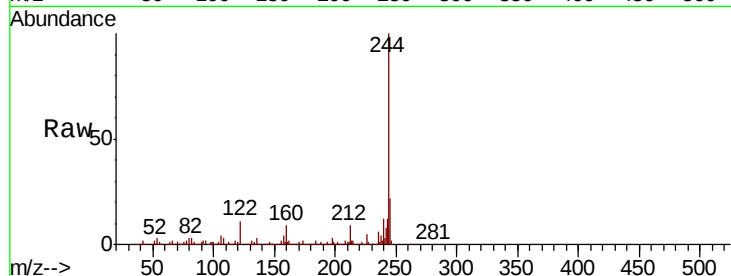
Tot Ion:244 Resp: 1414831

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

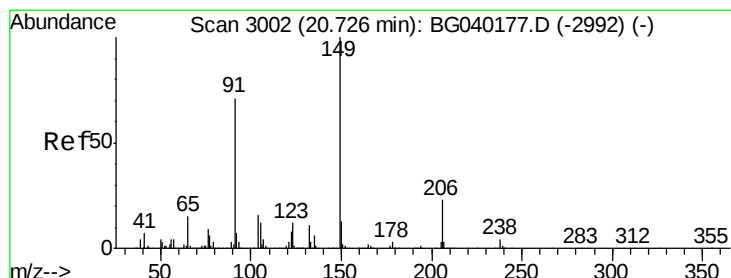
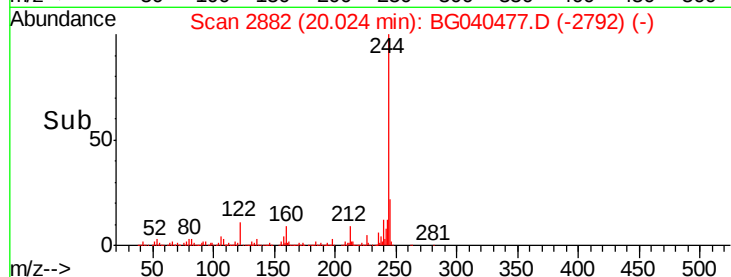
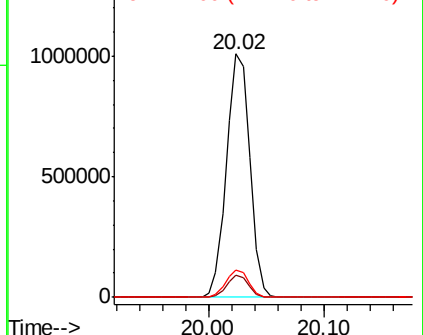
122 11.4 8.5 12.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.141 ng

RT: 20.71 min Scan# 2998

Delta R.T. 0.01 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

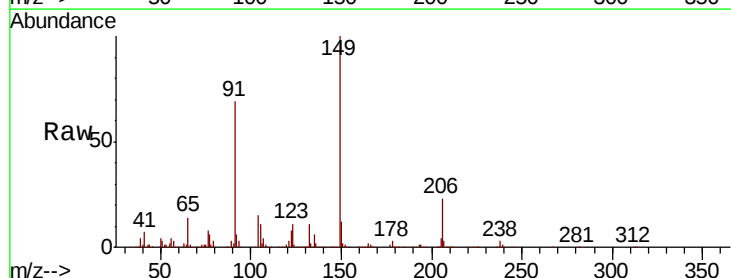
Tgt Ion:149 Resp: 489039

Ion Ratio Lower Upper

149 100

91 69.4 57.0 85.4

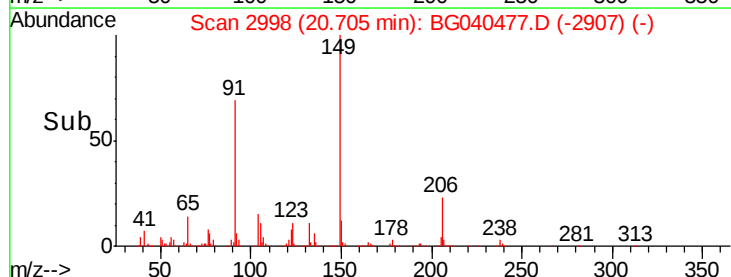
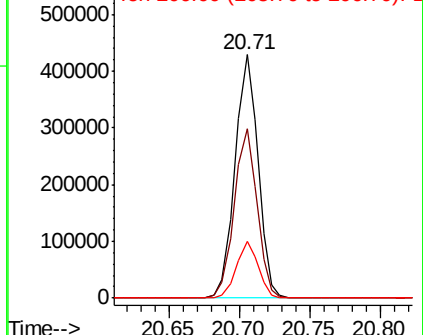
206 23.1 18.2 27.4

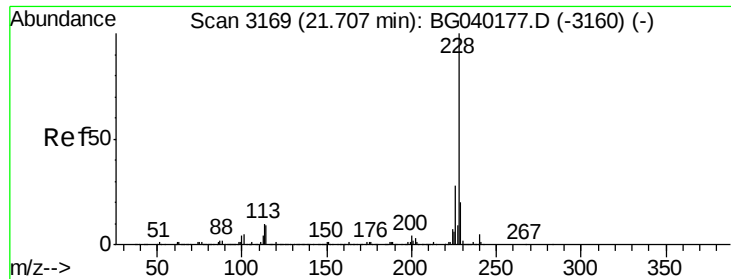


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

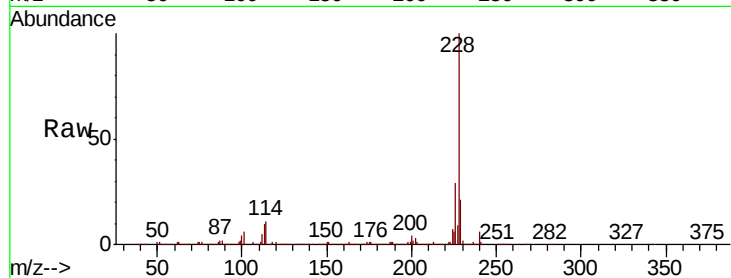




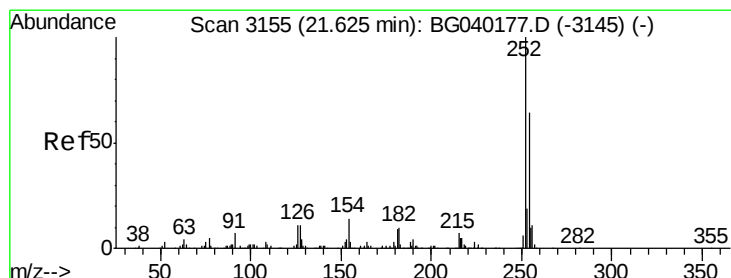
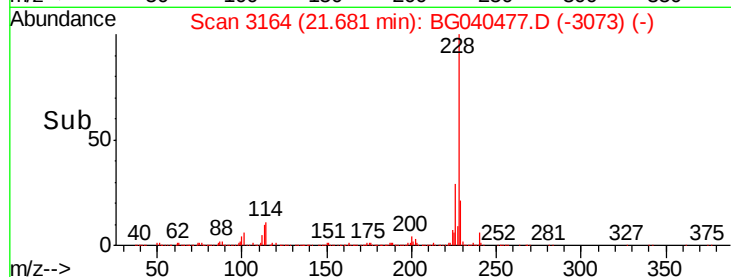
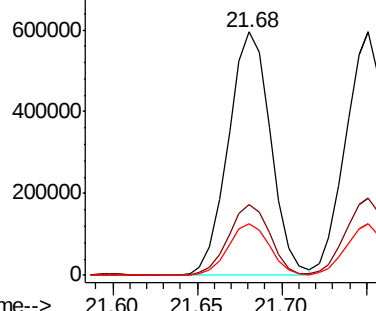
#81
Benzo(a)anthracene
Concen: 39.886 ng
RT: 21.68 min Scan# 3164
Delta R.T. 0.01 min
Lab File: BG040477.D
Acq: 15 Apr 2019 12:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 1037768
Ion Ratio Lower Upper
228 100
226 29.2 22.6 34.0
229 21.2 16.1 24.1

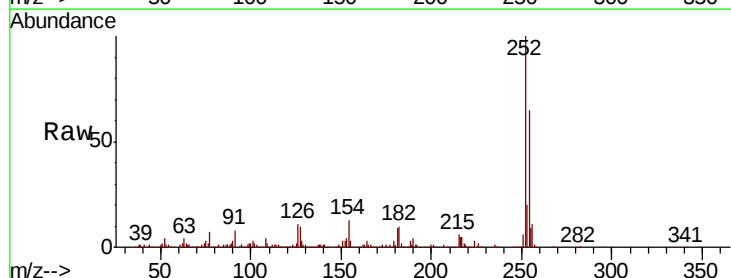


Abundance Ion 228.00 (227.70 to 228.70): E
800000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

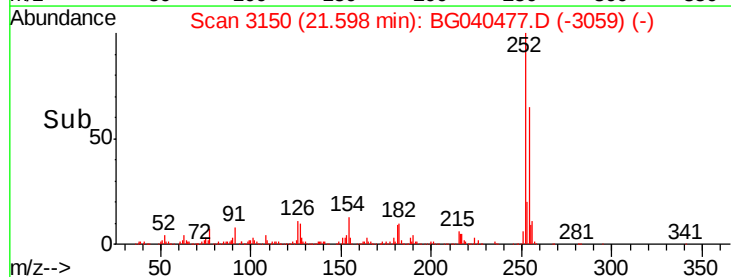
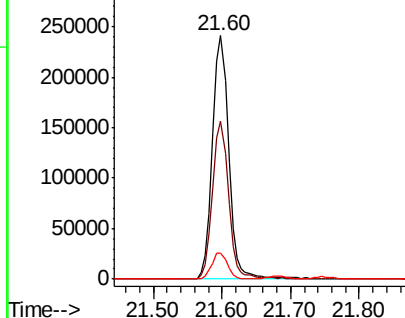


#82
3,3'-Dichlorobenzidine
Concen: 40.445 ng
RT: 21.60 min Scan# 3150
Delta R.T. 0.01 min
Lab File: BG040477.D
Acq: 15 Apr 2019 12:57

Tgt Ion:252 Resp: 400307
Ion Ratio Lower Upper
252 100
254 64.6 51.4 77.2
126 10.7 8.5 12.7



Abundance Ion 252.00 (251.70 to 252.70): E
300000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

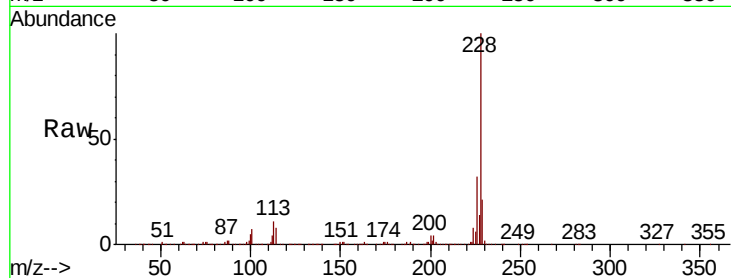




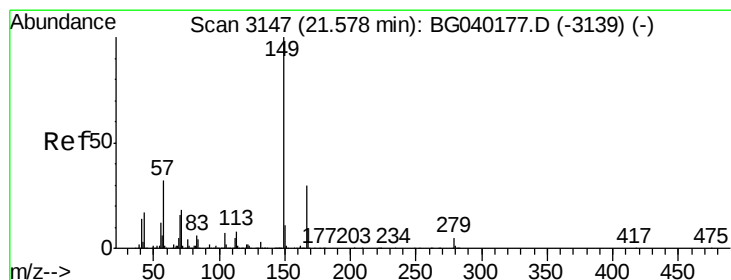
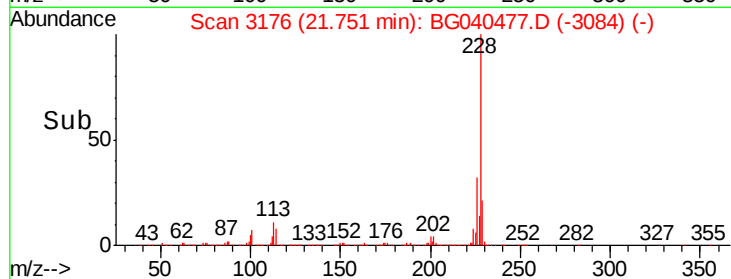
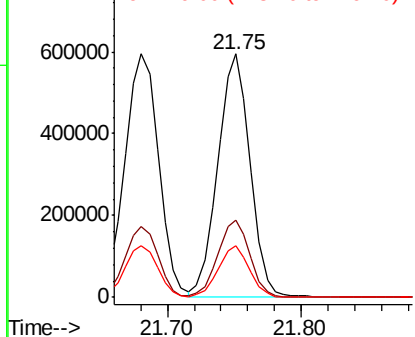
#83
Chrysene
Concen: 40.193 ng
RT: 21.75 min Scan# 3176
Delta R.T. 0.01 min
Lab File: BG040477.D
Acq: 15 Apr 2019 12:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 1005039
Ion Ratio Lower Upper
228 100
226 31.8 25.4 38.0
229 21.4 17.0 25.4

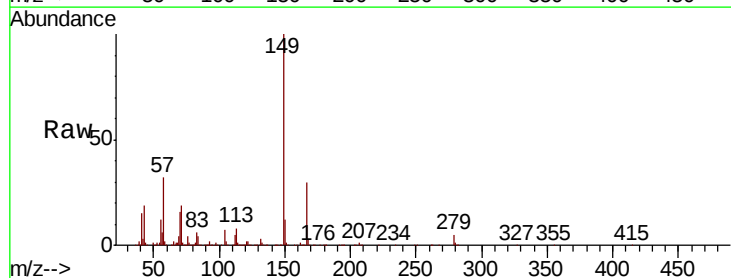


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

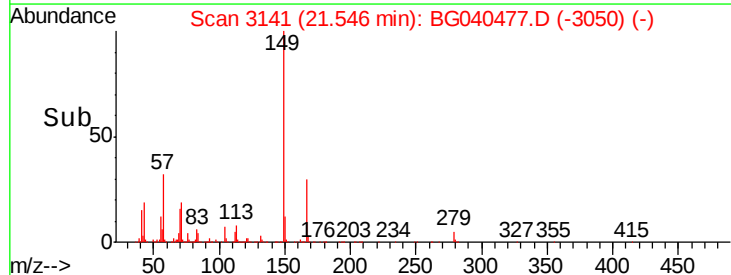
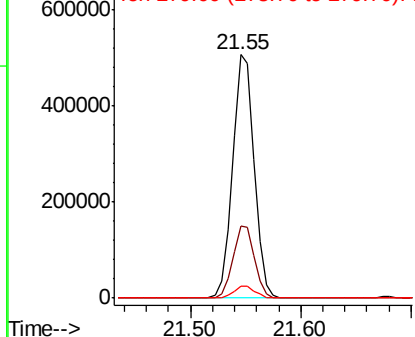


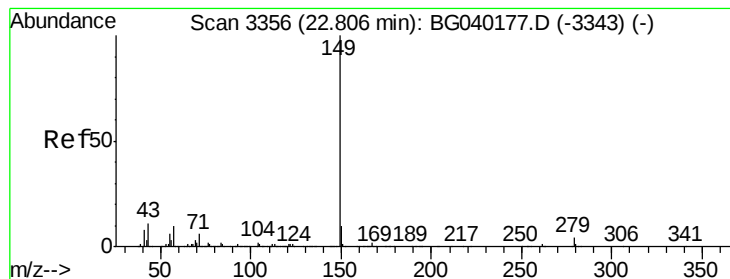
#84
Bis(2-ethylhexyl)phthalate
Concen: 40.845 ng
RT: 21.55 min Scan# 3141
Delta R.T. 0.01 min
Lab File: BG040477.D
Acq: 15 Apr 2019 12:57

Tgt Ion:149 Resp: 694038
Ion Ratio Lower Upper
149 100
167 29.6 24.1 36.1
279 4.7 4.1 6.1



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





#85

Di-n-octyl phthalate

Concen: 40.294 ng

RT: 22.77 min Scan# 3349

Delta R.T. 0.01 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

Instrument :

BNA_G

ClientSampleId :

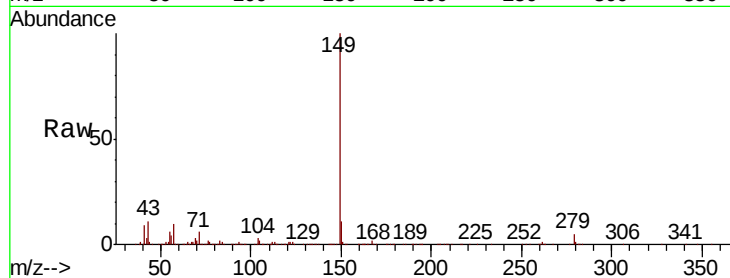
Tot Ion:149 Resp: 1166516

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

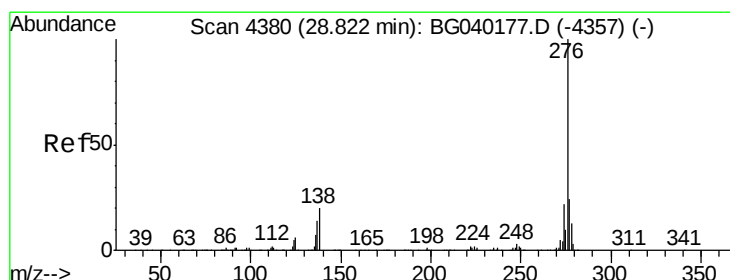
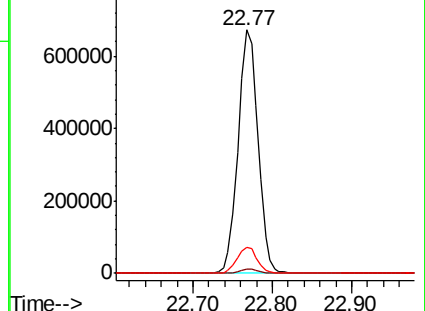
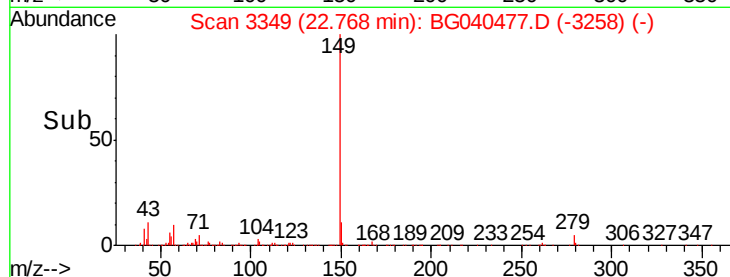
43 10.8 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.765 ng

RT: 28.74 min Scan# 4366

Delta R.T. 0.01 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

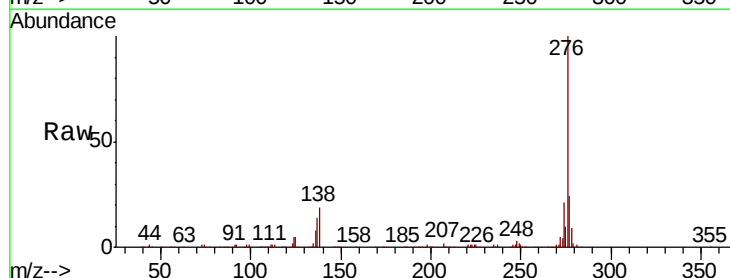
Tgt Ion:276 Resp: 1185551

Ion Ratio Lower Upper

276 100

138 11.5 18.8 28.2#

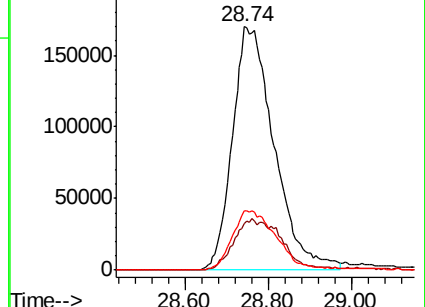
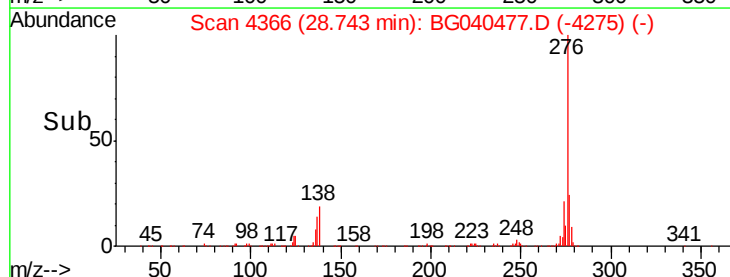
277 25.7 21.0 31.4

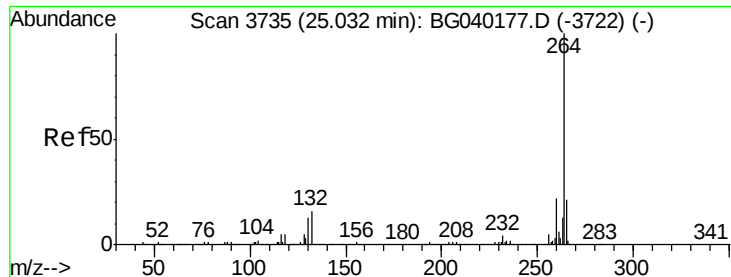


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.98 min Scan# 3726

Delta R.T. 0.01 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

Instrument :

BNA_G

ClientSampleId :

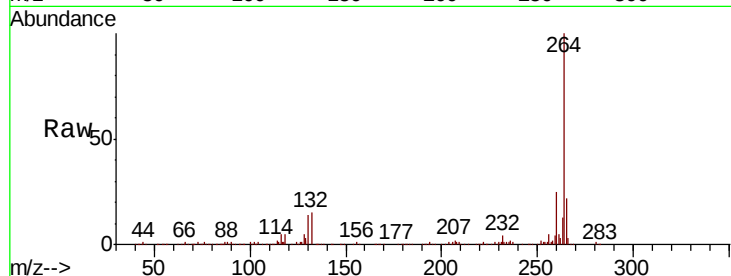
Tot Ion:264 Resp: 433225

Ion Ratio Lower Upper

264 100

260 24.6 17.9 26.9

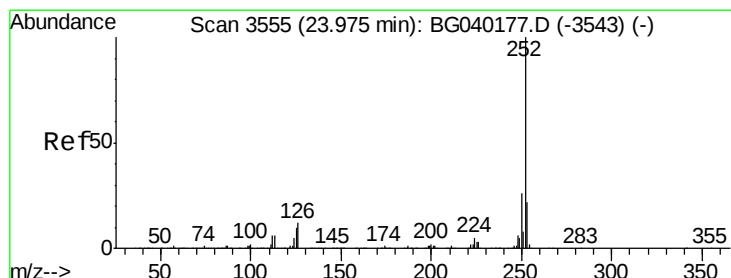
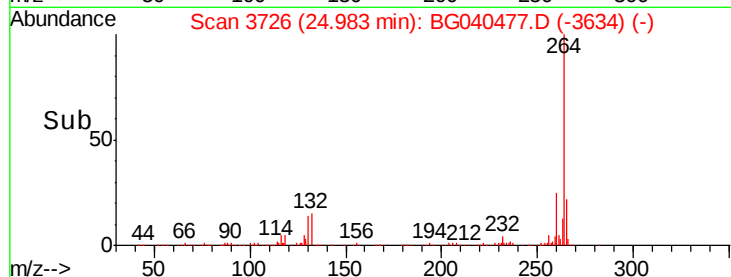
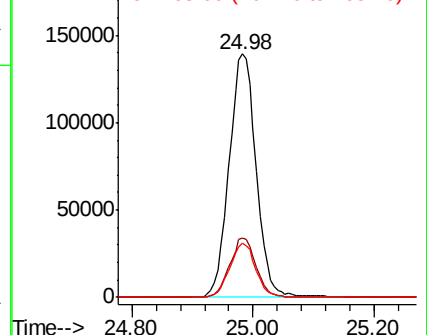
265 22.2 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.944 ng

RT: 23.93 min Scan# 3547

Delta R.T. 0.01 min

Lab File: BG040477.D

Acq: 15 Apr 2019 12:57

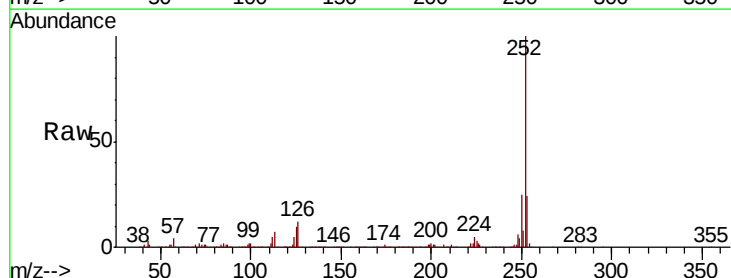
Tgt Ion:252 Resp: 1059477

Ion Ratio Lower Upper

252 100

253 23.6 17.6 26.4

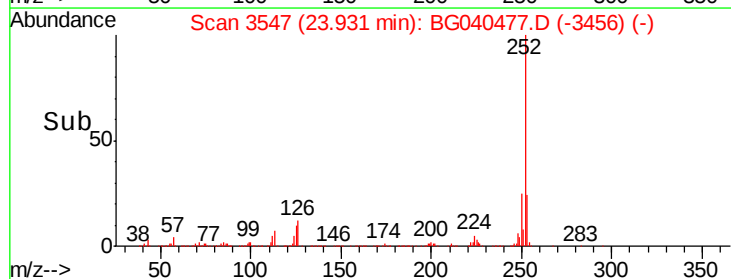
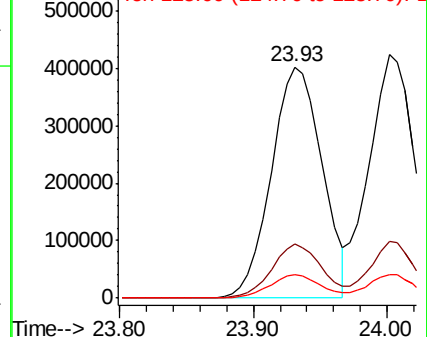
125 10.3 8.2 12.4

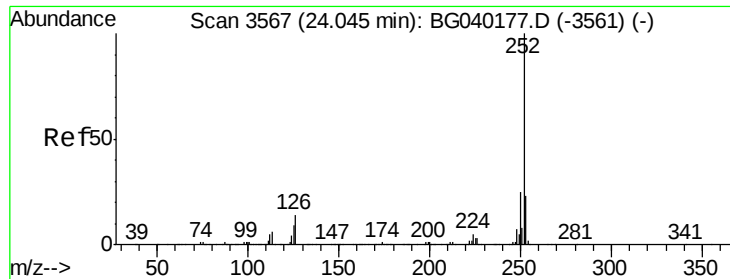


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

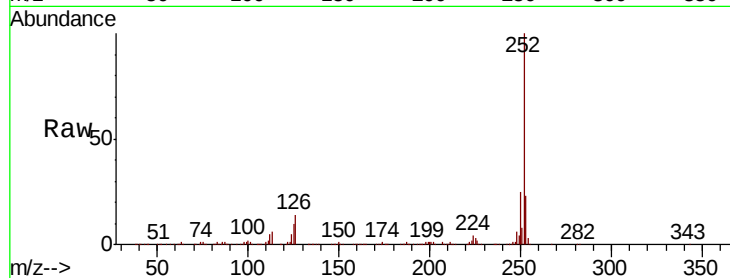




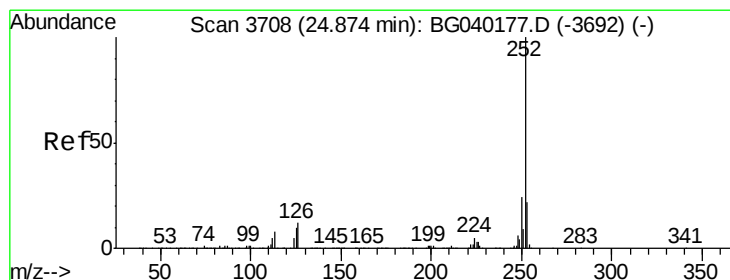
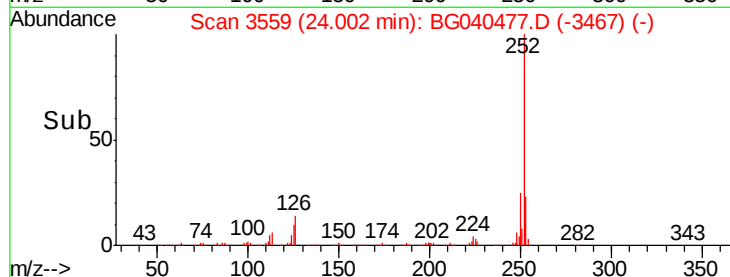
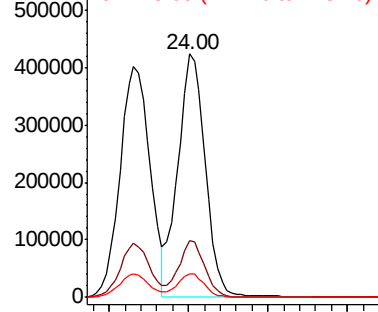
#89
Benzo(k)fluoranthene
Concen: 41.666 ng
RT: 24.00 min Scan# 3559
Delta R.T. 0.01 min
Lab File: BG040477.D
Acq: 15 Apr 2019 12:57

Instrument :
BNA_G
ClientSampled :

Tot Ion:252 Resp: 1016290
Ion Ratio Lower Upper
252 100
253 23.4 18.6 28.0
125 9.8 7.3 10.9

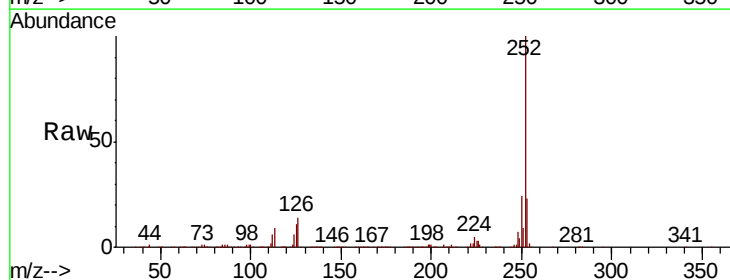


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

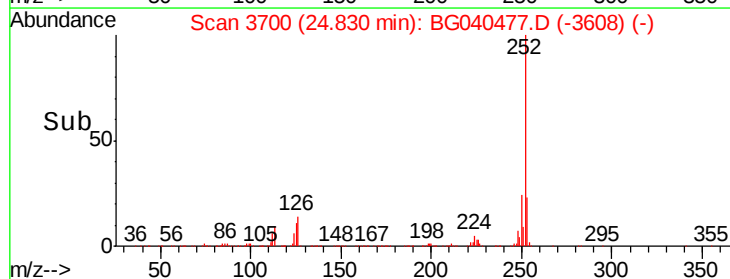
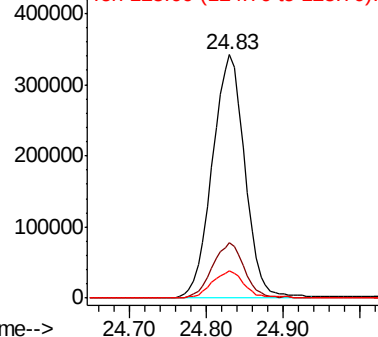


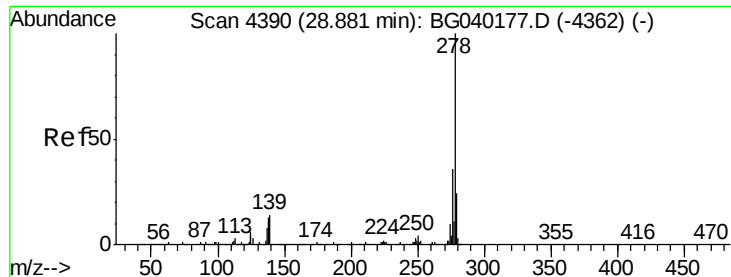
#90
Benzo(a)pyrene
Concen: 40.824 ng
RT: 24.83 min Scan# 3700
Delta R.T. 0.01 min
Lab File: BG040477.D
Acq: 15 Apr 2019 12:57

Tgt Ion:252 Resp: 1015957
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 11.0 8.3 12.5



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

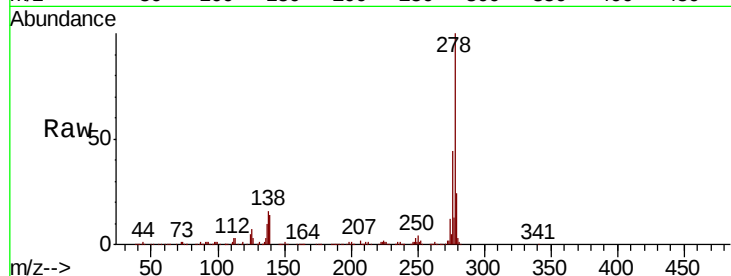




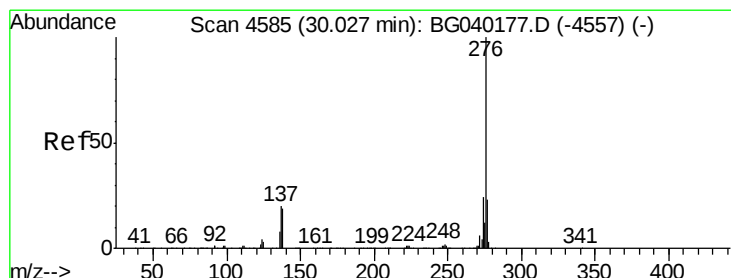
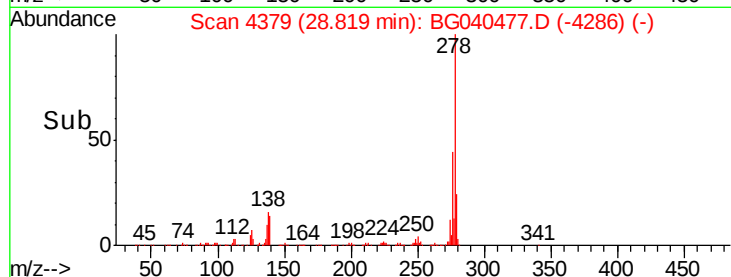
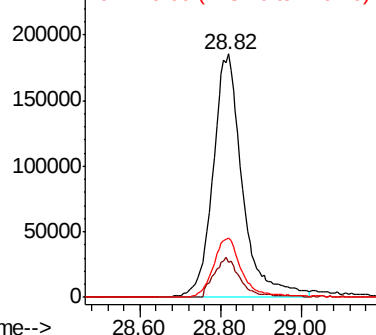
#91
Dibenzo(a,h)anthracene
Concen: 40.830 ng
RT: 28.82 min Scan# 4379
Delta R.T. 0.02 min
Lab File: BG040477.D
Acq: 15 Apr 2019 12:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.3	11.2	16.8
279	24.1	18.9	28.3

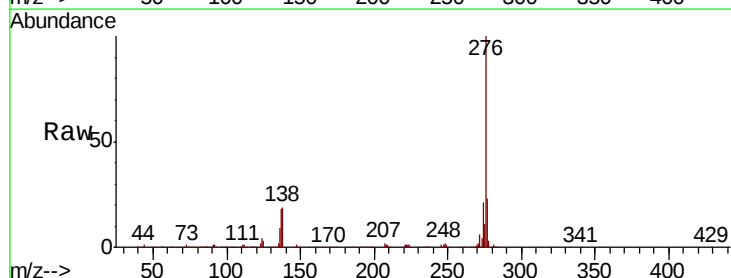


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 40.025 ng
RT: 29.94 min Scan# 4569
Delta R.T. 0.03 min
Lab File: BG040477.D
Acq: 15 Apr 2019 12:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	19.4	15.2	22.8



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

