

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
 Data File : BG040428.D
 Acq On : 10 Apr 2019 23:43
 Operator : JU/SJ
 Sample : PB118770BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 11 01:44:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54058	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	228101	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	150899	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	388147	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	395337	20.00	ng	-0.03
87) Perylene-d12	24.97	264	395314	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	448601	137.96	ng	-0.02
7) Phenol-d6	7.21	99	606642	134.99	ng	-0.02
23) Nitrobenzene-d5	9.22	82	326481	76.08	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	241911	148.34	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	750529	73.70	ng	-0.02
79) Terphenyl-d14	20.02	244	1305228	74.27	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.49	88	86489	56.564	ng	98
3) Pyridine	3.89	79	151206	36.729	ng	97
4) n-Nitrosodimethylamine	3.82	42	75055	39.413	ng	# 91
6) Aniline	7.38	93	177474	30.396	ng	95
8) 2-Chlorophenol	7.61	128	160214	42.089	ng	97
9) Benzaldehyde	7.19	77	64402	20.892	ng	97
10) Phenol	7.24	94	214112	43.894	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	153729	39.348	ng	98
12) 1,3-Dichlorobenzene	7.93	146	167506	40.481	ng	95
13) 1,4-Dichlorobenzene	8.08	146	170536	41.379	ng	97
14) 1,2-Dichlorobenzene	8.40	146	161762	41.044	ng	99
15) Benzyl Alcohol	8.29	79	148282	40.971	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.56	45	298075	39.753	ng	98
17) 2-Methylphenol	8.49	107	147584	43.724	ng	97
18) Hexachloroethane	9.12	117	61534	39.252	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	125577	38.974	ng	97
20) 3+4-Methylphenols	8.82	107	205363	44.911	ng	99
22) Acetophenone	8.88	105	243513	42.797	ng	# 98
24) Nitrobenzene	9.26	77	185879	41.828	ng	94
25) Isophorone	9.77	82	363638	41.183	ng	99
26) 2-Nitrophenol	9.97	139	89583	42.544	ng	97
27) 2,4-Dimethylphenol	10.02	122	171717	51.340	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	215178	41.191	ng	97
29) 2,4-Dichlorophenol	10.50	162	167795	46.219	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	168888	42.366	ng	97
31) Naphthalene	10.91	128	501804	42.919	ng	99
32) Benzoic acid	10.17	122	82350	40.750	ng	93
33) 4-Chloroaniline	11.03	127	131585	26.385	ng	97
34) Hexachlorobutadiene	11.17	225	102143	40.064	ng	98
35) Caprolactam	11.82	113	64039	44.449	ng	97
36) 4-Chloro-3-methylphenol	12.14	107	198582	47.580	ng	97
37) 2-Methylnaphthalene	12.51	142	384541	44.470	ng	98
38) 1-Methylnaphthalene	12.73	142	361110	43.066	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	194249	40.501	ng	99

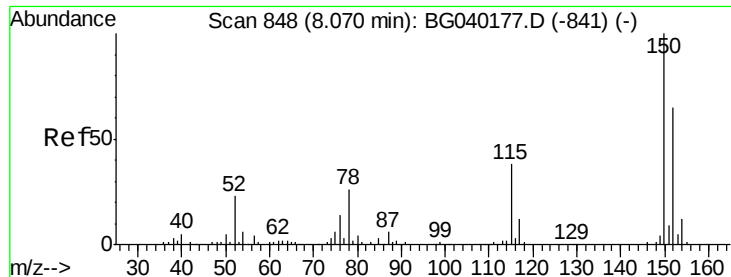
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	218707	83.051	ng	97
43) 2,4,6-Trichlorophenol	13.12	196	140741	45.515	ng	95
44) 2,4,5-Trichlorophenol	13.19	196	152776	45.329	ng	98
46) 1,1'-Biphenyl	13.51	154	493597	41.399	ng	99
47) 2-Chloronaphthalene	13.56	162	378965	41.437	ng	100
48) 2-Nitroaniline	13.78	65	136488	44.244	ng	95
49) Acenaphthylene	14.40	152	640893	41.331	ng	99
50) Dimethylphthalate	14.13	163	500867	42.411	ng	100
51) 2,6-Dinitrotoluene	14.26	165	114740	43.269	ng	97
52) Acenaphthene	14.74	154	374173	42.111	ng	97
53) 3-Nitroaniline	14.60	138	87958	31.336	ng	# 87
54) 2,4-Dinitrophenol	14.80	184	126149	89.451	ng	95
55) Dibenzofuran	15.07	168	624311	43.727	ng	99
56) 4-Nitrophenol	14.90	139	197750	87.289	ng	97
57) 2,4-Dinitrotoluene	15.04	165	168469	45.722	ng	96
58) Fluorene	15.73	166	490048	43.656	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	153405	50.157	ng	98
60) Diethylphthalate	15.48	149	535434	44.306	ng	98
61) 4-Chlorophenyl-phenylether	15.71	204	260785	43.463	ng	97
62) 4-Nitroaniline	15.76	138	134635	44.694	ng	99
63) Azobenzene	16.00	77	495186	43.440	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	96521	44.262	ng	94
66) n-Nitrosodiphenylamine	15.93	169	466748	41.093	ng	97
67) 4-Bromophenyl-phenylether	16.61	248	175209	40.112	ng	96
68) Hexachlorobenzene	16.72	284	179413	40.852	ng	97
69) Atrazine	16.87	200	180079	42.620	ng	98
70) Pentachlorophenol	17.07	266	209623	82.558	ng	95
71) Phenanthrene	17.47	178	854122	41.865	ng	99
72) Anthracene	17.56	178	875240	42.861	ng	99
73) Carbazole	17.84	167	839352	43.432	ng	99
74) Di-n-butylphthalate	18.36	149	993630	43.375	ng	99
75) Fluoranthene	19.47	202	1065070	44.087	ng	99
77) Benzidine	19.66	184	391866	27.449	ng	97
78) Pyrene	19.83	202	1061085	40.814	ng	99
80) Butylbenzylphthalate	20.70	149	480592	43.200	ng	96
81) Benzo(a)anthracene	21.68	228	972243	39.927	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	268729	29.011	ng	99
83) Chrysene	21.74	228	958952	40.977	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	687335	43.222	ng	99
85) Di-n-octyl phthalate	22.76	149	1184086	43.703	ng	99
86) Indeno(1,2,3-cd)pyrene	28.74	276	1183490	41.348	ng	99
88) Benzo(b)fluoranthene	23.92	252	1043261	43.105	ng	100
89) Benzo(k)fluoranthene	24.00	252	1016860	45.687	ng	99
90) Benzo(a)pyrene	24.82	252	1020291	44.930	ng	99
91) Dibenzo(a,h)anthracene	28.80	278	962977	45.659	ng	98
92) Benzo(g,h,i)perylene	29.92	276	981853	45.299	ng	98

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

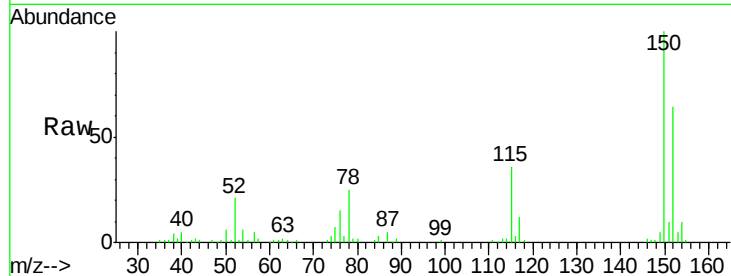


#1

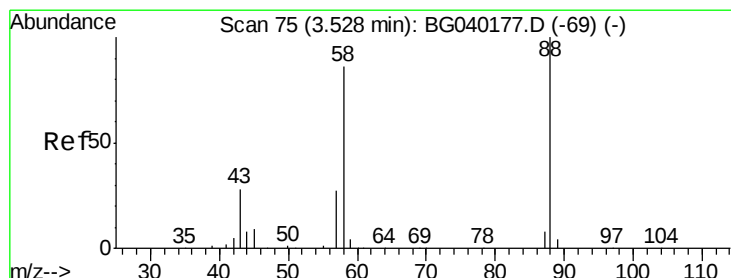
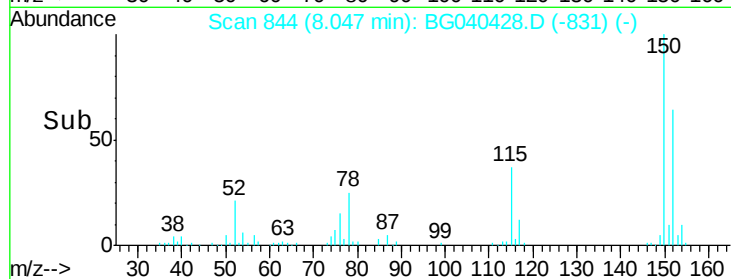
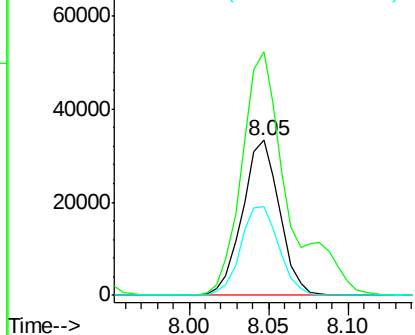
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040428.D
Acq: 10 Apr 2019 23:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 54058
Ion Ratio Lower Upper
152 100
150 156.8 123.7 185.5
115 57.2 46.9 70.3



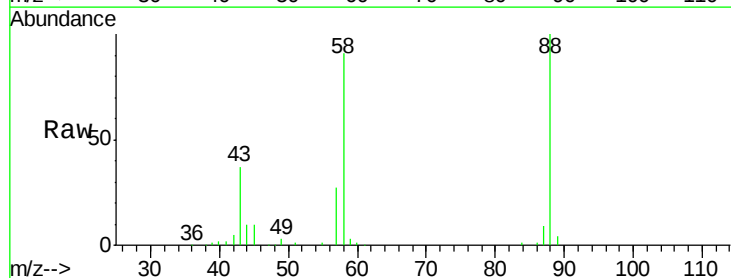
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



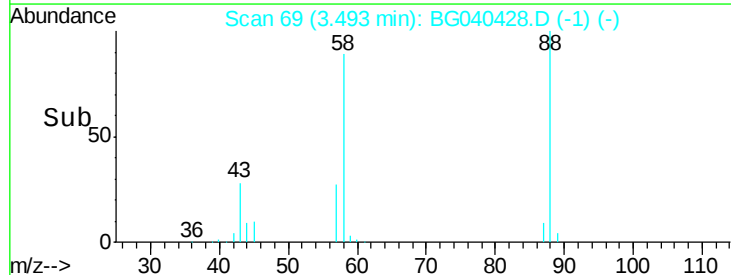
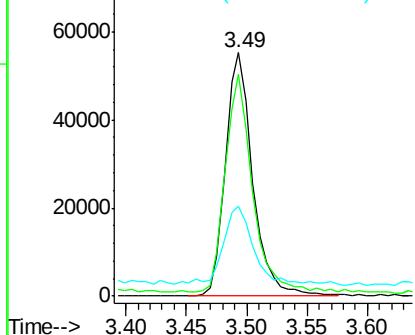
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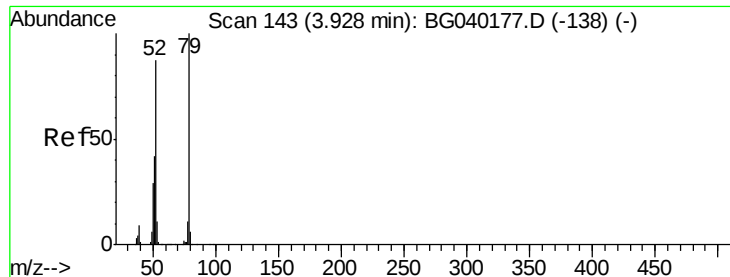
1,4-Dioxane
Concen: 56.564 ng
RT: 3.49 min Scan# 69
Delta R.T. -0.03 min
Lab File: BG040428.D
Acq: 10 Apr 2019 23:43

Tgt Ion: 88 Resp: 86489
Ion Ratio Lower Upper
88 100
58 88.5 70.6 106.0
43 34.2 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: 36.729 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.03 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

Instrument :

BNA_G

ClientSampled :

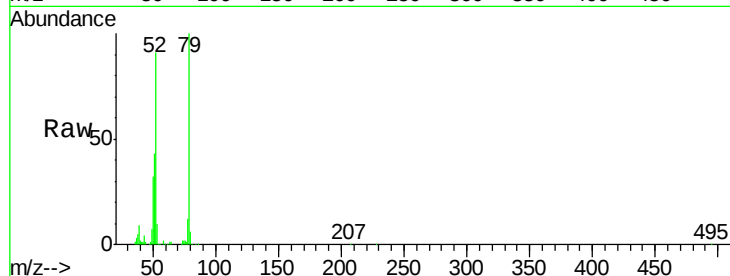
Tot Ion: 79 Resp: 151206

Ion Ratio Lower Upper

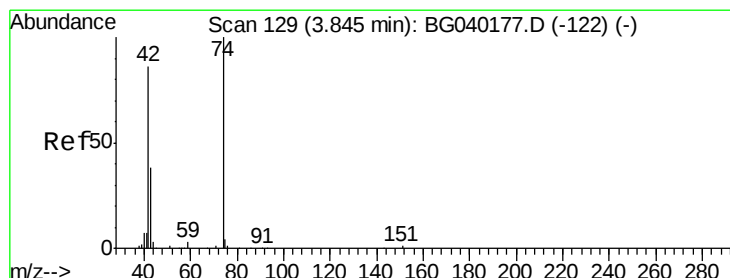
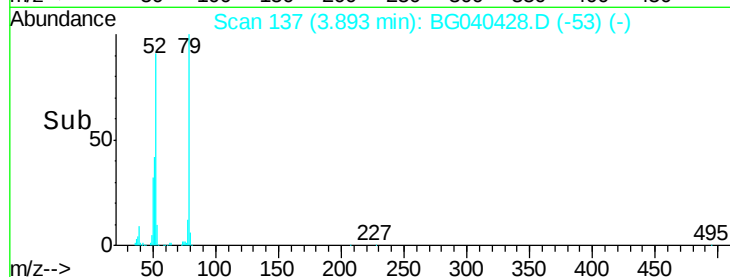
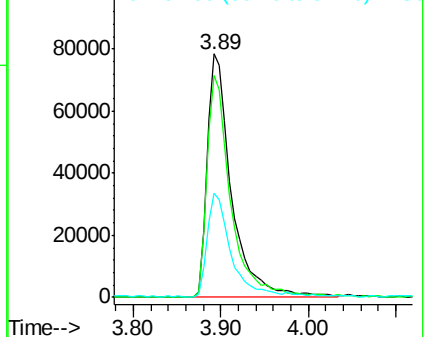
79 100

52 90.9 69.8 104.8

51 42.6 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: 39.413 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.03 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

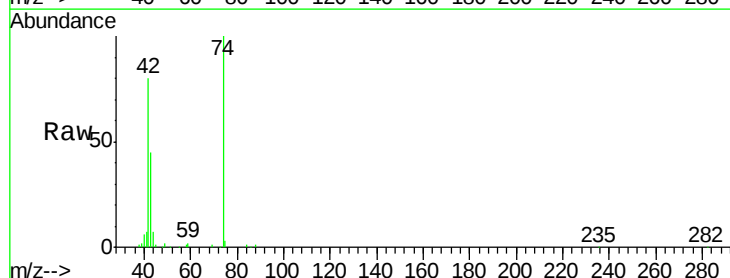
Tgt Ion: 42 Resp: 75055

Ion Ratio Lower Upper

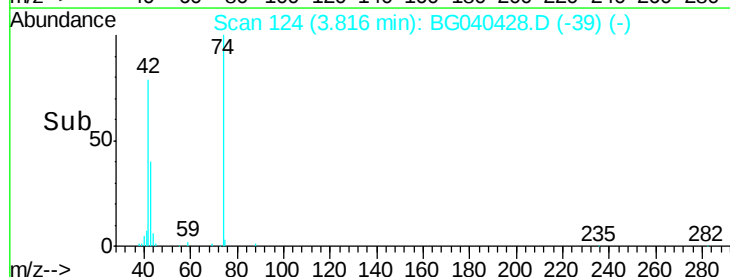
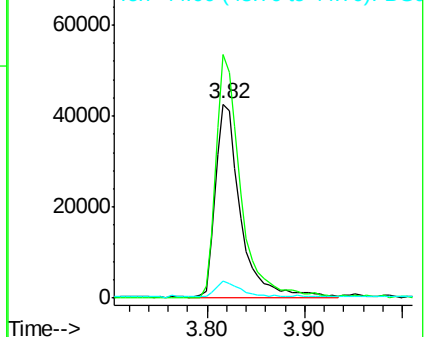
42 100

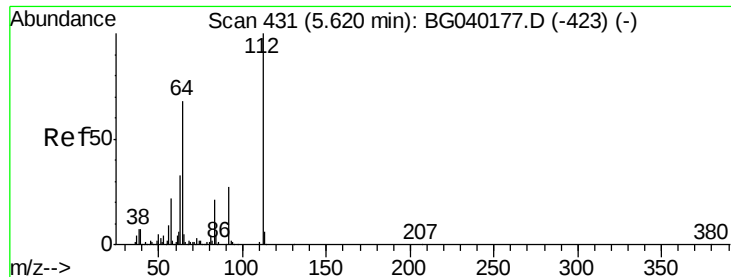
74 125.4 92.9 139.3

44 8.8 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: 137.955 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040428.D

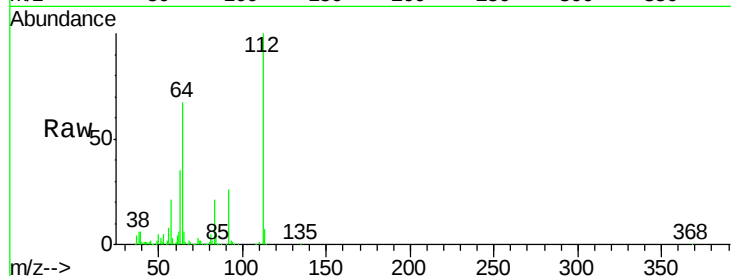
Acq: 10 Apr 2019 23:43

Instrument :

BNA_G

ClientSampleId :

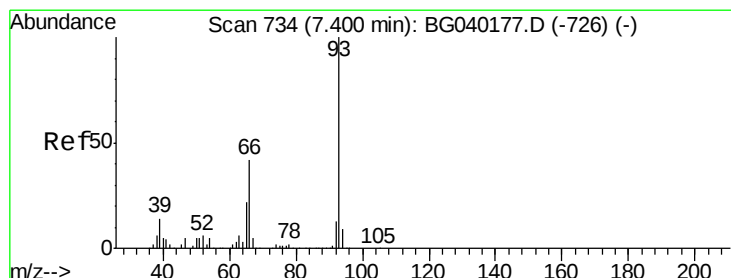
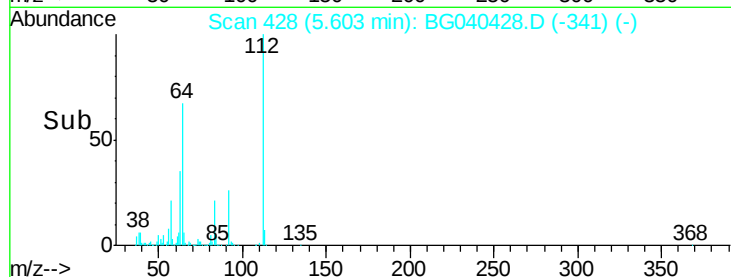
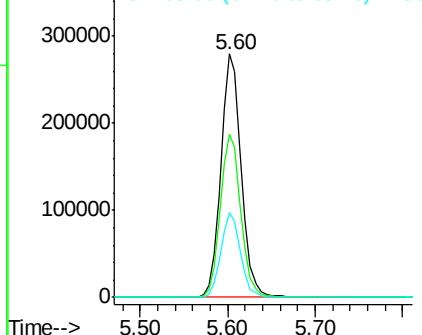
Tot Ion:	112	Resp:	448601
Ion	Ratio	Lower	Upper
112	100		
64	66.8	54.2	81.2
63	34.9	26.4	39.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 30.396 ng

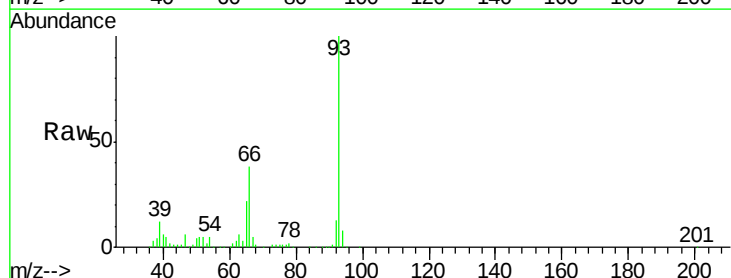
RT: 7.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

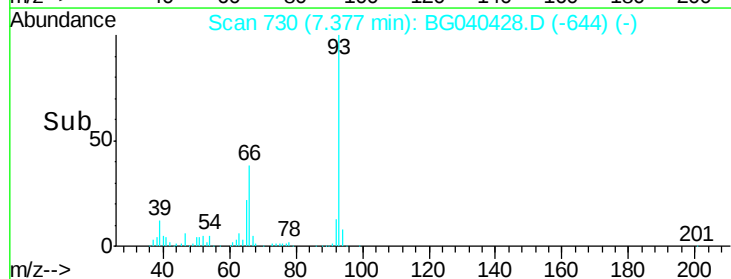
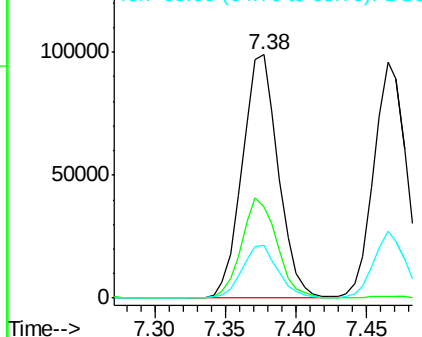
Tgt Ion:	93	Resp:	177474
Ion	Ratio	Lower	Upper
93	100		
66	37.7	33.6	50.4
65	21.9	17.4	26.2

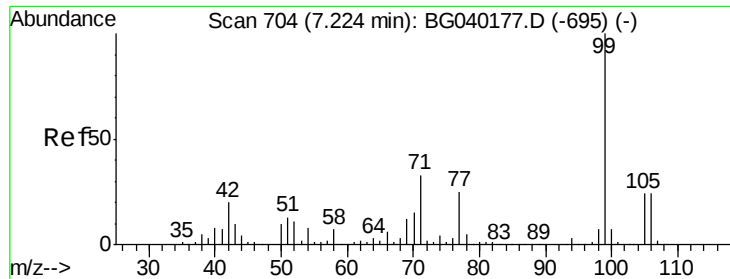


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 134.989 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

Instrument :

BNA_G

ClientSampleId :

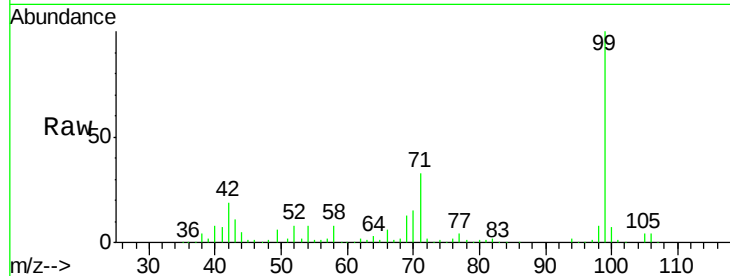
Tot Ion: 99 Resp: 606642

Ion Ratio Lower Upper

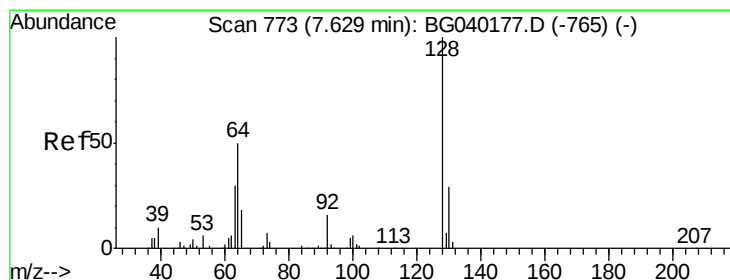
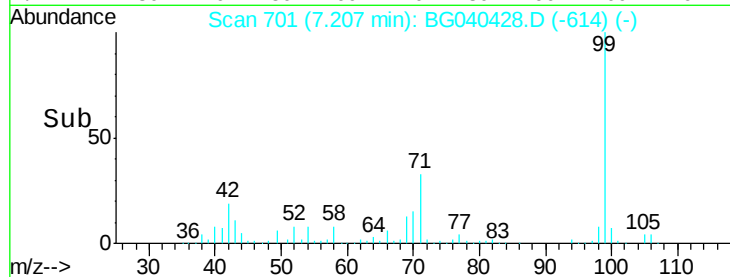
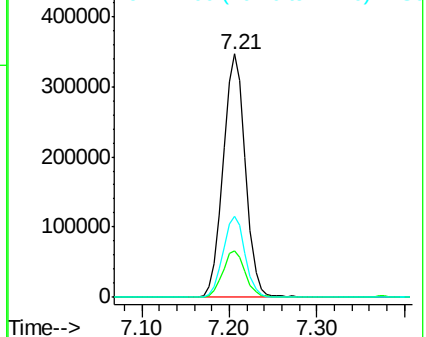
99 100

42 19.3 16.2 24.2

71 33.1 26.8 40.2



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



#8

2-Chlorophenol

Concen: 42.089 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.02 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

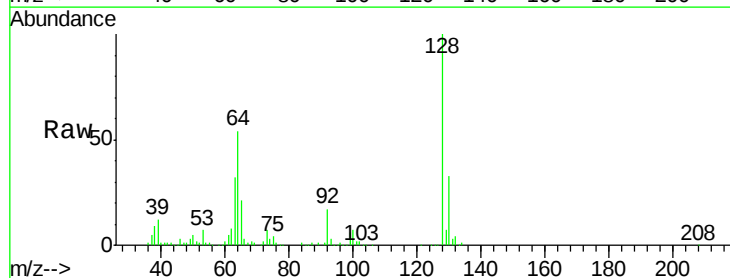
Tgt Ion: 128 Resp: 160214

Ion Ratio Lower Upper

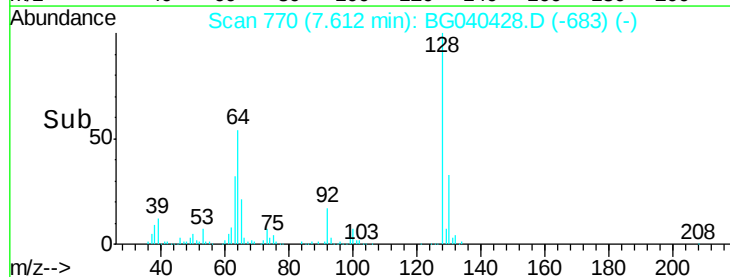
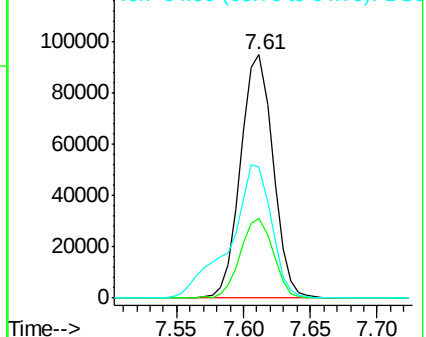
128 100

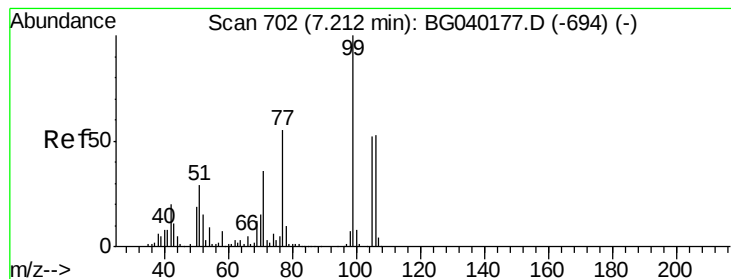
130 33.0 9.1 49.1

64 53.8 33.1 73.1



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





#9

Benzaldehyde

Concen: 20.892 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

Instrument :

BNA_G

ClientSampled :

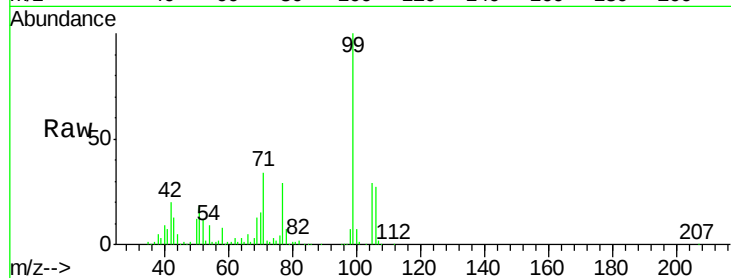
Tot Ion: 77 Resp: 64402

Ion Ratio Lower Upper

77 100

105 98.2 75.0 115.0

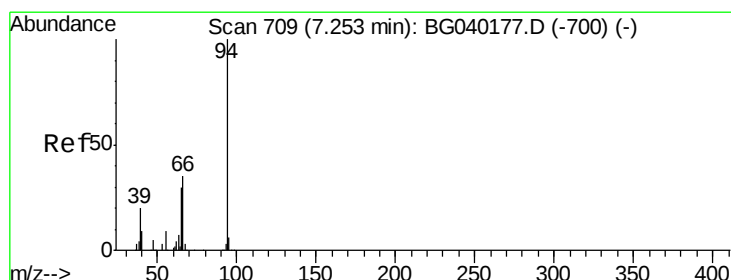
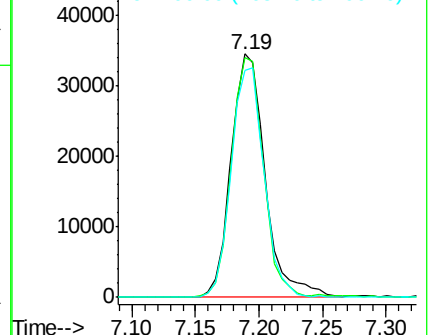
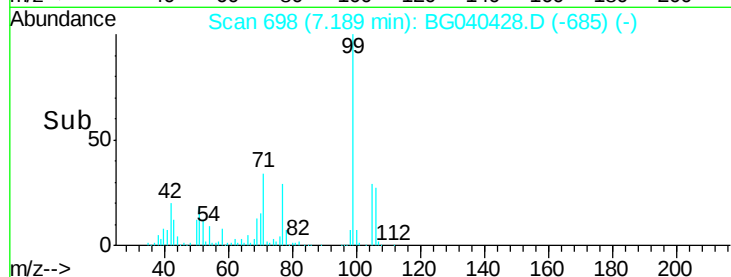
106 93.1 75.7 115.7



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: 43.894 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.02 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

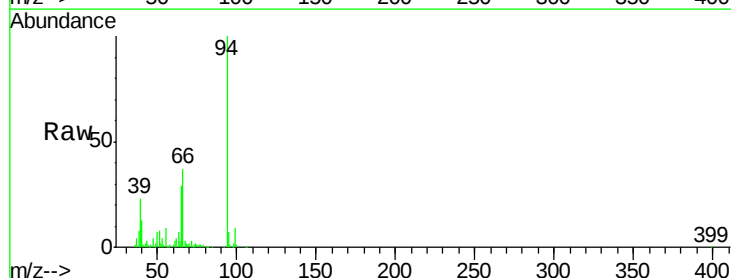
Tgt Ion: 94 Resp: 214112

Ion Ratio Lower Upper

94 100

65 29.3 10.5 50.5

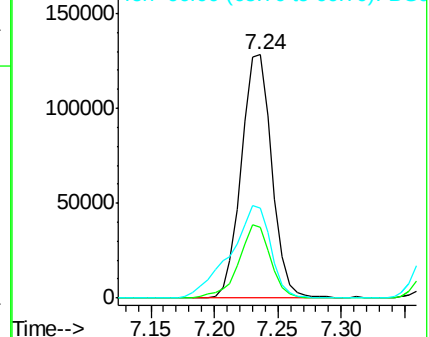
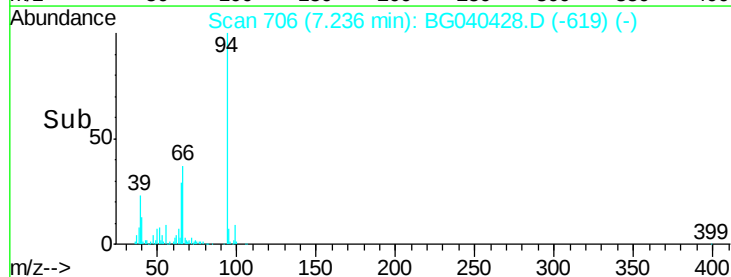
66 37.0 16.9 56.9

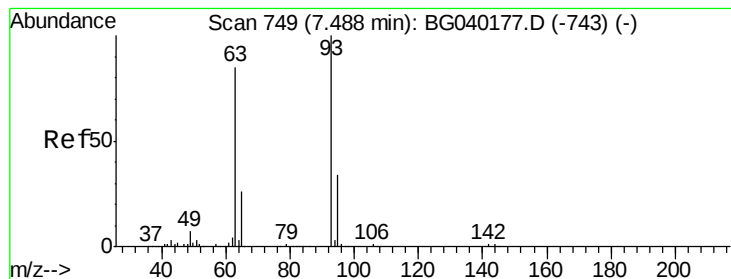


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 39.348 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

Instrument :

BNA_G

ClientSampleId :

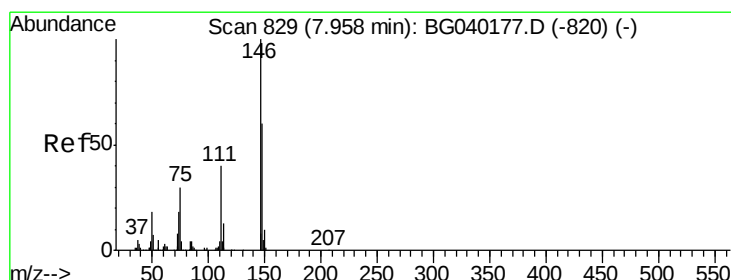
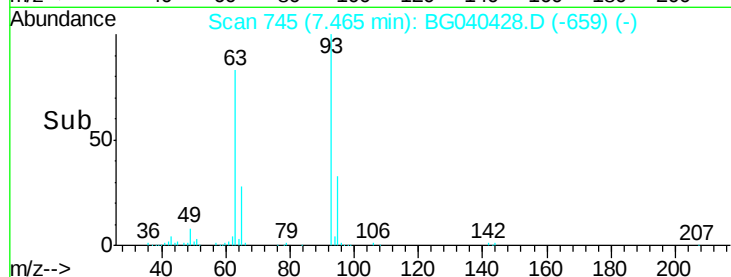
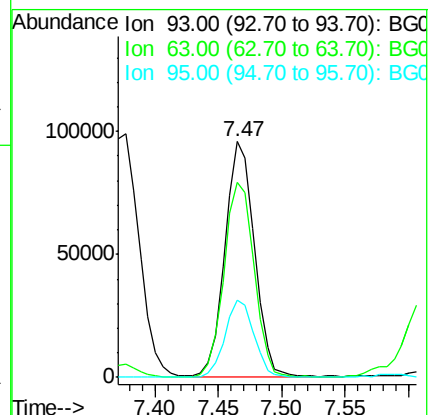
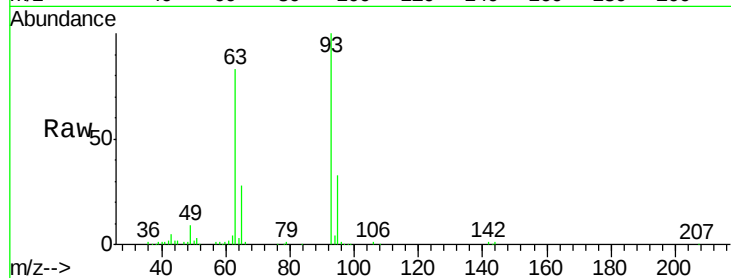
Tot Ion: 93 Resp: 153729

Ion Ratio Lower Upper

93 100

63 83.0 64.2 104.2

95 32.7 14.0 54.0



#12

1,3-Dichlorobenzene

Concen: 40.481 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.03 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

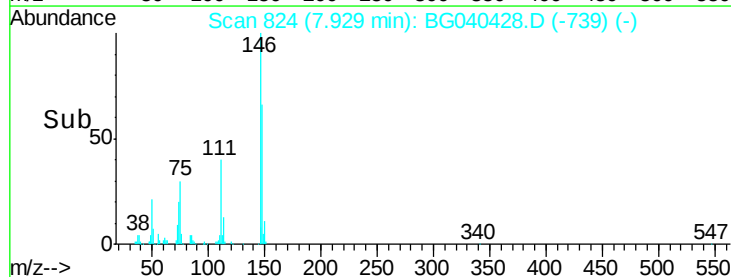
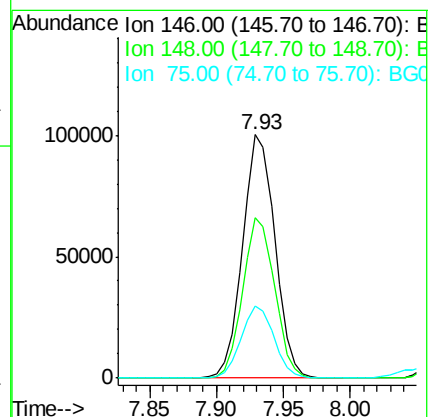
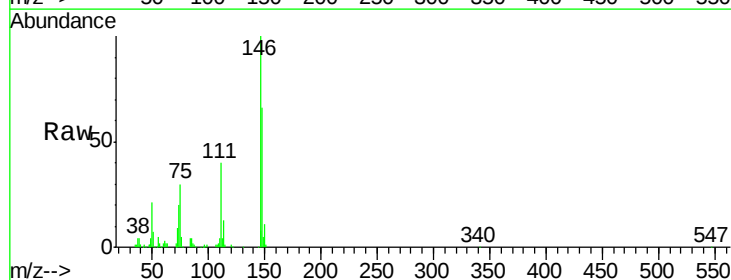
Tgt Ion: 146 Resp: 167506

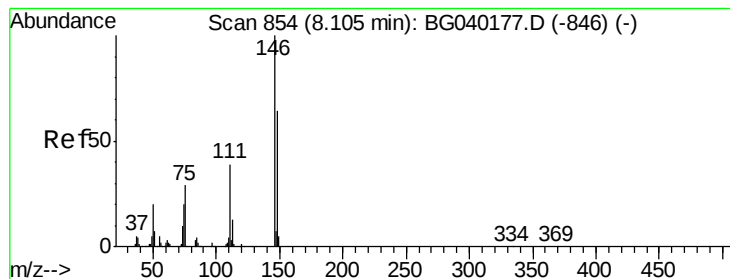
Ion Ratio Lower Upper

146 100

148 65.9 48.2 72.2

75 29.8 24.1 36.1





#13

1,4-Dichlorobenzene

Concen: 41.379 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.02 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

Instrument :

BNA_G

ClientSampleId :

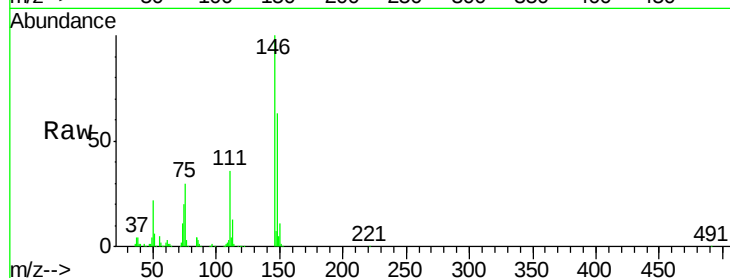
Tot Ion:146 Resp: 170536

Ion Ratio Lower Upper

146 100

148 62.6 51.0 76.4

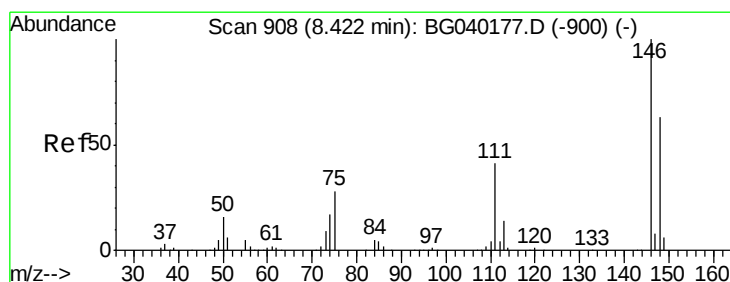
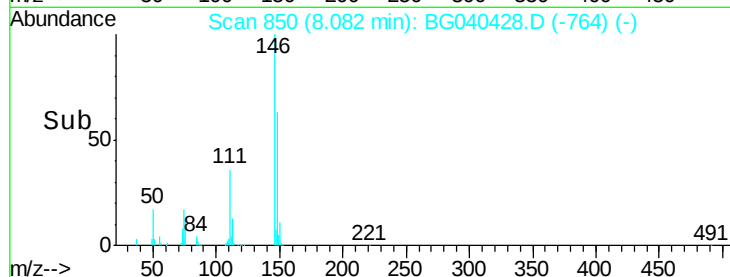
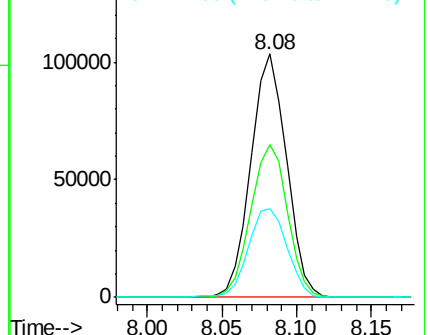
111 36.4 31.8 47.6



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: 41.044 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.02 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

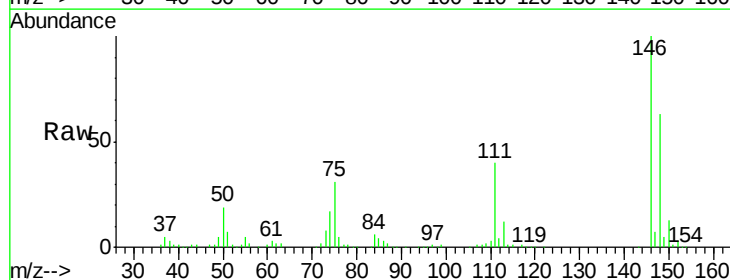
Tgt Ion:146 Resp: 161762

Ion Ratio Lower Upper

146 100

148 63.4 50.8 76.2

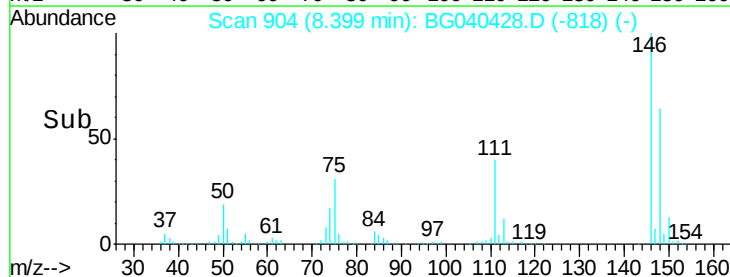
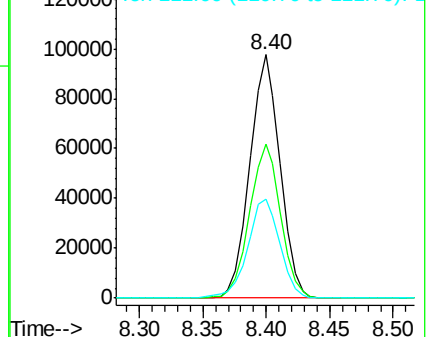
111 40.5 33.4 50.0

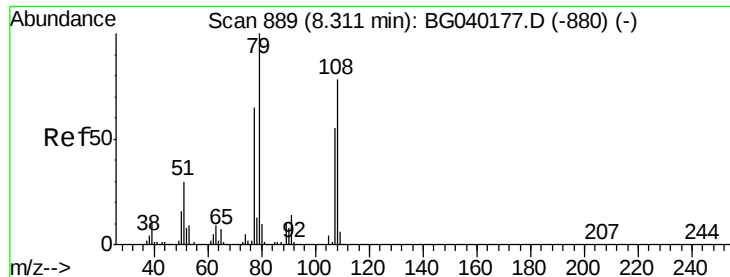


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.971 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

Instrument :

BNA_G

ClientSampled :

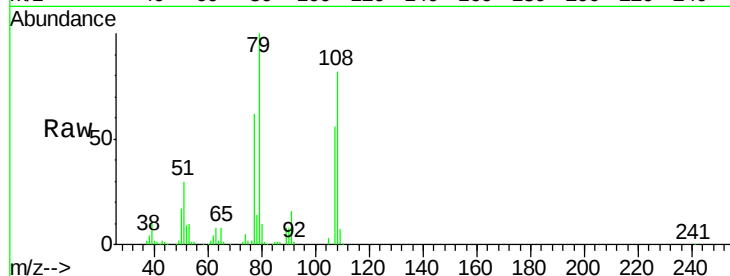
Tot Ion: 79 Resp: 148282

Ion Ratio Lower Upper

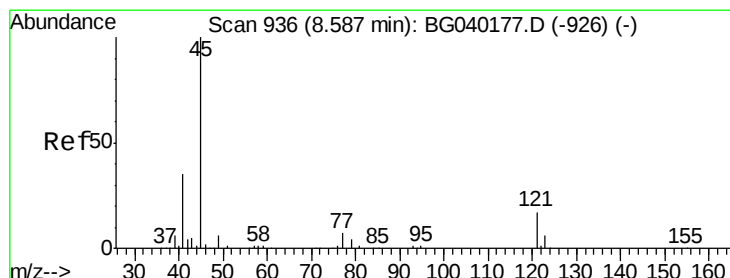
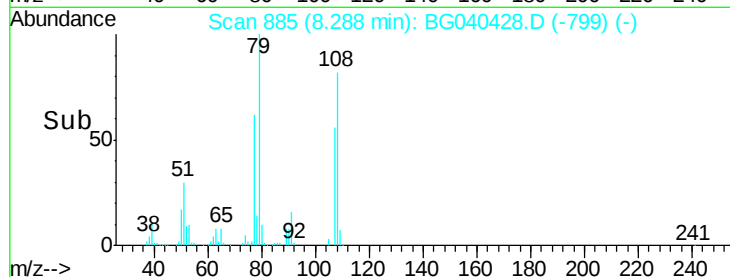
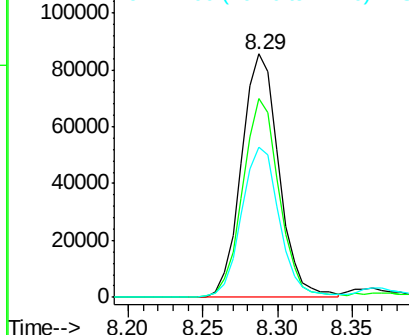
79 100

108 81.9 62.1 93.1

77 61.6 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: 39.753 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.03 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

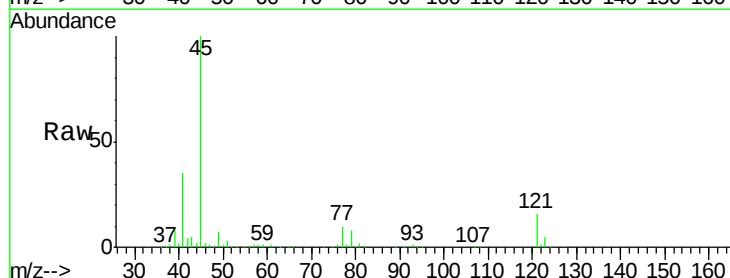
Tgt Ion: 45 Resp: 298075

Ion Ratio Lower Upper

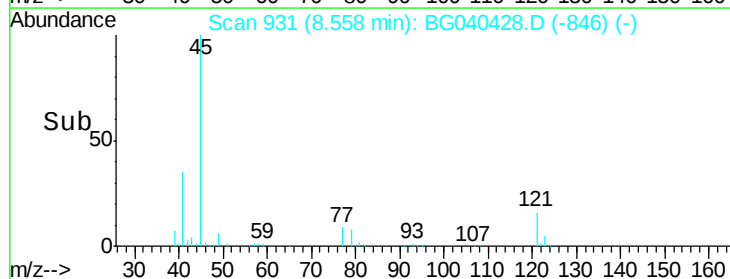
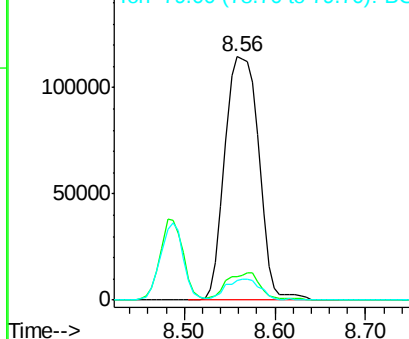
45 100

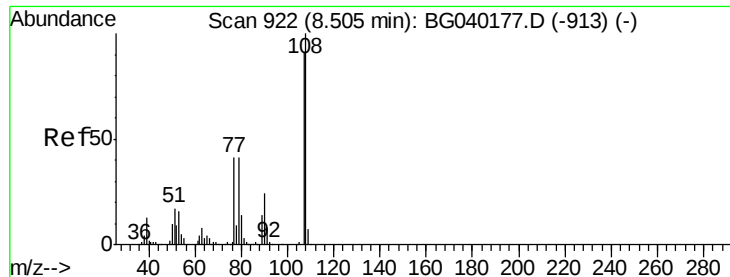
77 9.8 0.0 31.4

79 8.3 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

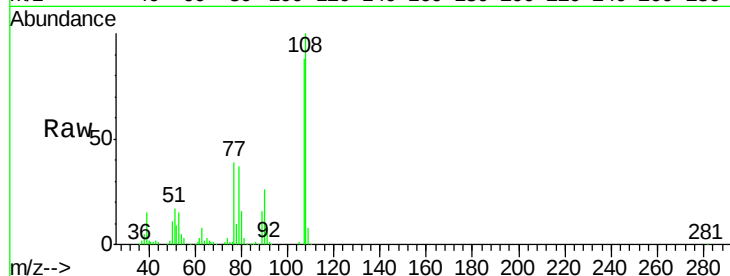




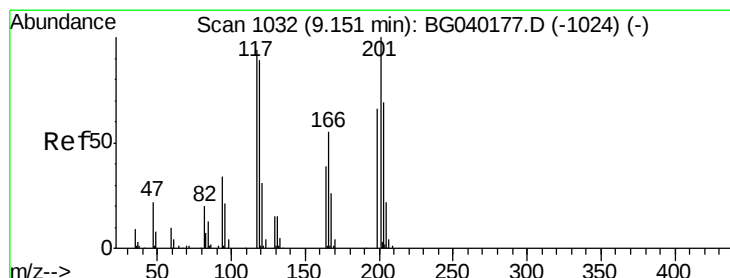
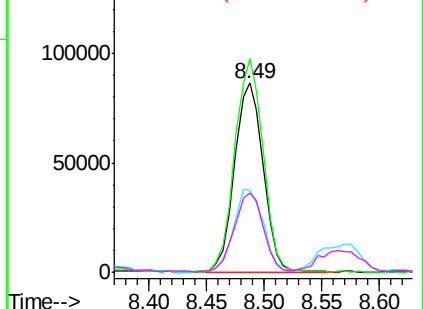
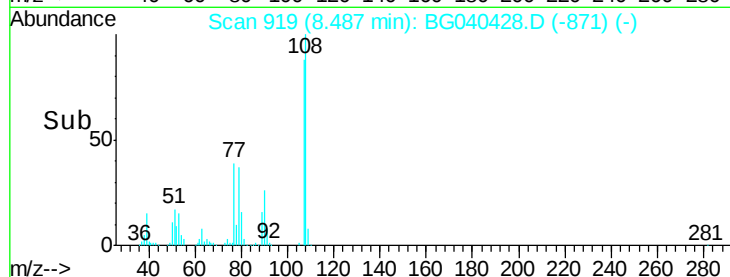
#17
2-Methylphenol
Concen: 43.724 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.02 min
Lab File: BG040428.D
Acq: 10 Apr 2019 23:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	147584
Ion	Ratio	Lower	Upper
107	100		
108	113.0	88.2	132.4
77	43.6	36.6	55.0
79	42.1	36.5	54.7

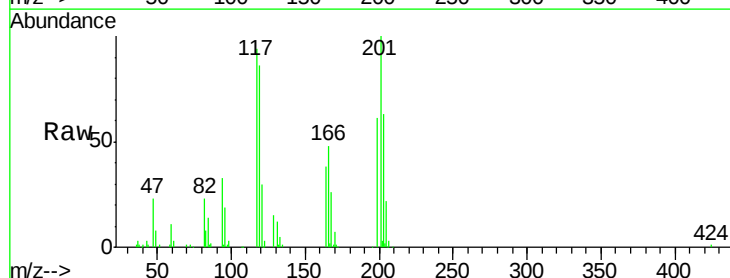


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

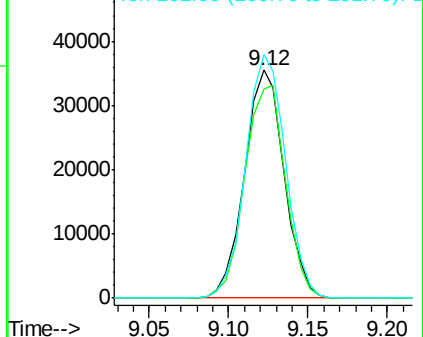
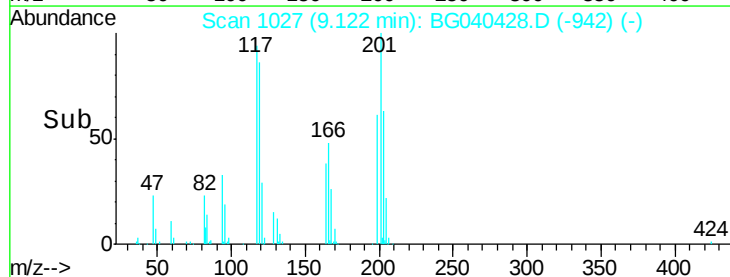


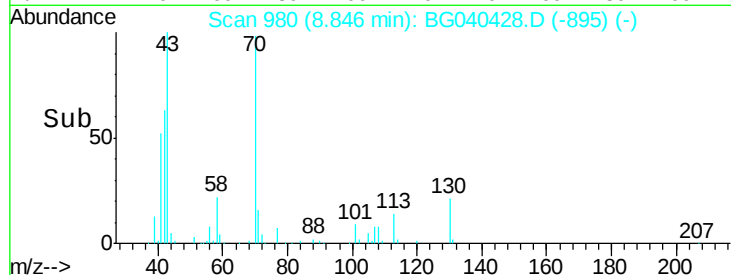
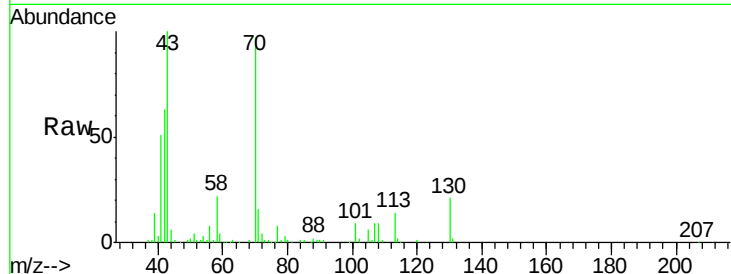
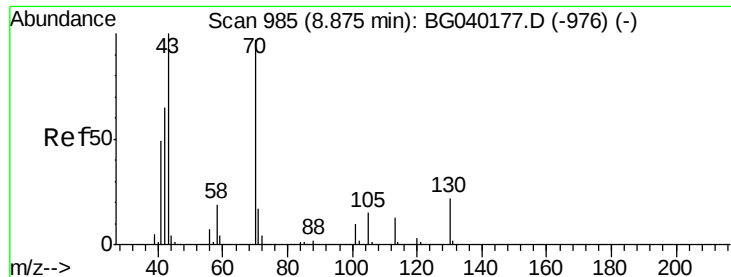
#18
Hexachloroethane
Concen: 39.252 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BG040428.D
Acq: 10 Apr 2019 23:43

Tgt Ion:	117	Resp:	61534
Ion	Ratio	Lower	Upper
117	100		
119	91.8	76.6	115.0
201	106.9	85.0	127.4



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

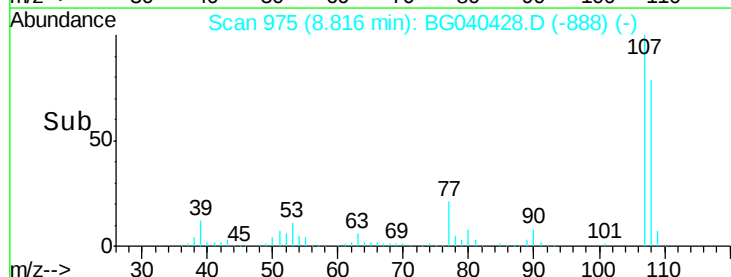
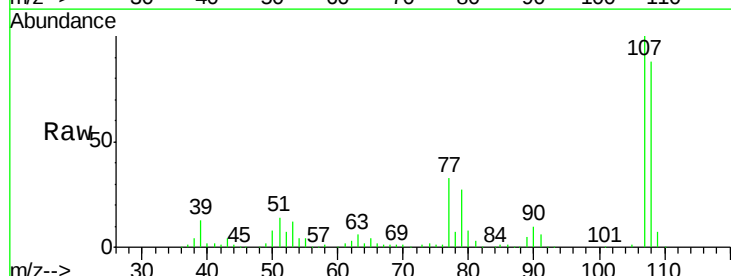
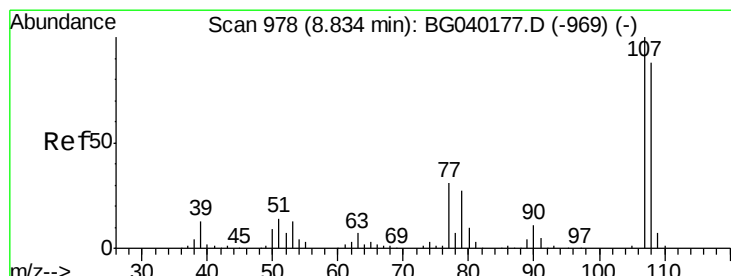
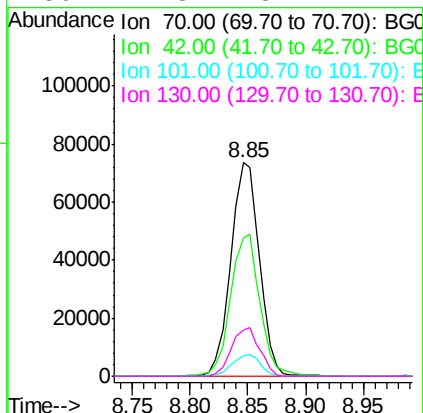




#19
n-Nitroso-di-n-propylamine
Concen: 38.974 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.03 min
Lab File: BG040428.D
Acq: 10 Apr 2019 23:43

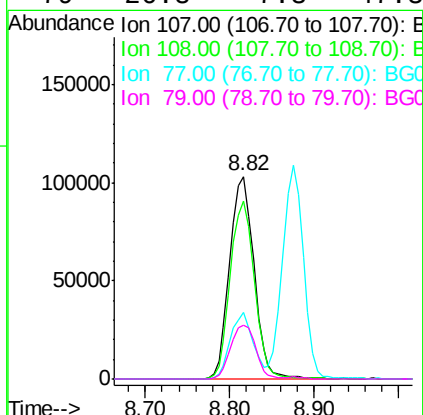
Instrument :
BNA_G
ClientSampleId :

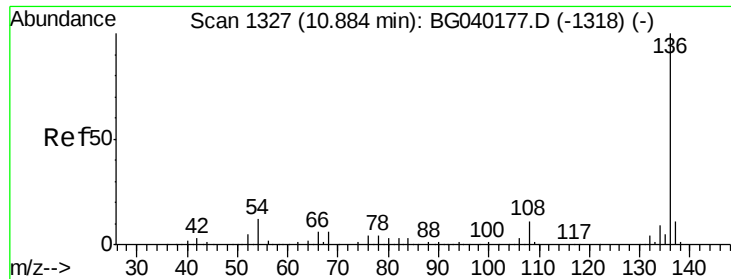
Tot Ion:	70	Resp:	125577
Ion	Ratio	Lower	Upper
70	100		
42	64.7	54.0	81.0
101	9.5	8.6	13.0
130	21.8	18.2	27.2



#20
3+4-Methylphenols
Concen: 44.911 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.02 min
Lab File: BG040428.D
Acq: 10 Apr 2019 23:43

Tgt Ion:	107	Resp:	205363
Ion	Ratio	Lower	Upper
107	100		
108	88.1	68.3	108.3
77	33.1	11.3	51.3
79	26.8	7.3	47.3

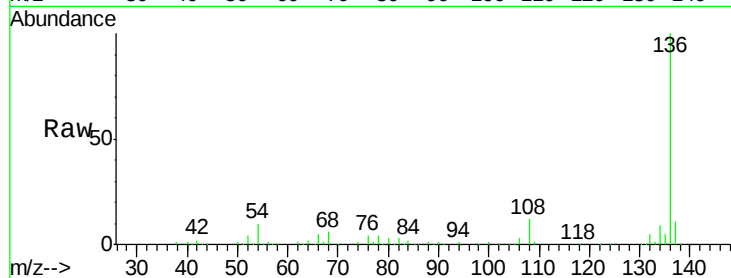




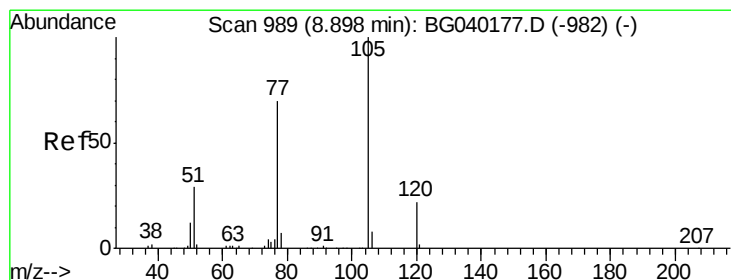
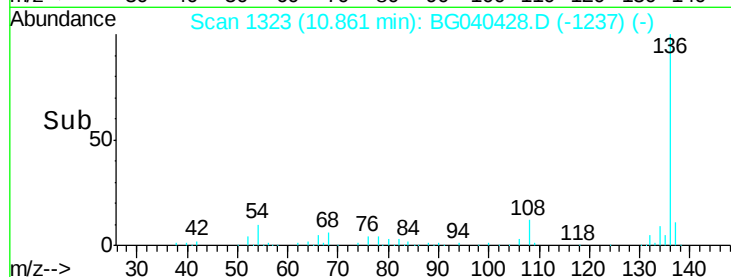
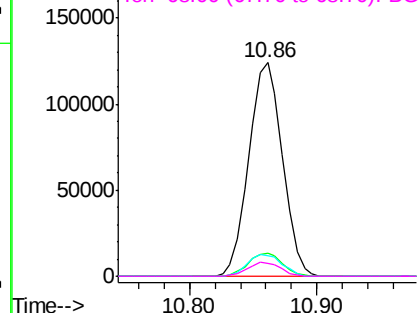
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040428.D
Acq: 10 Apr 2019 23:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	228101
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	9.9	9.6 14.4
68	6.1	5.1 7.7

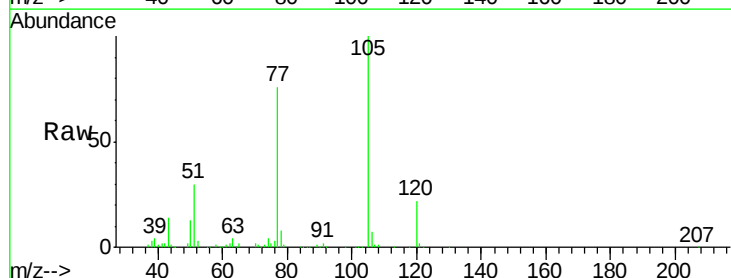


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

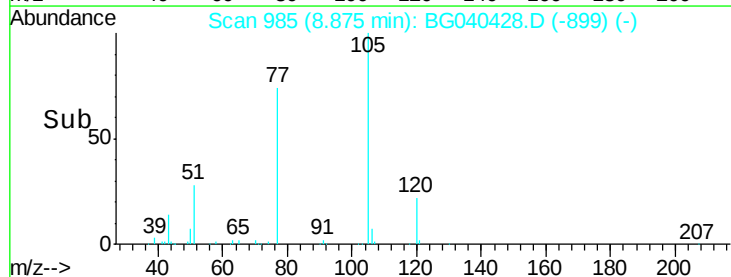
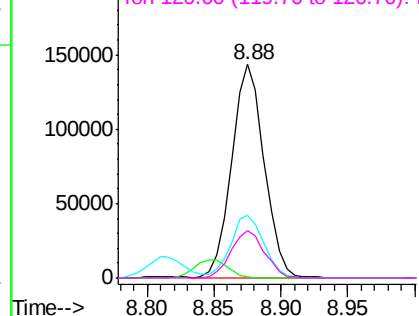


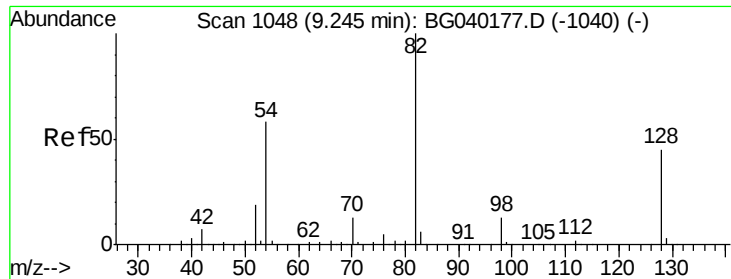
#22
Acetophenone
Concen: 42.797 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG040428.D
Acq: 10 Apr 2019 23:43

Tgt Ion:105	Resp:	243513
Ion Ratio	Lower	Upper
105	100	
71	0.6	0.6 1.0#
51	29.6	25.1 37.7
120	22.3	17.6 26.4



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

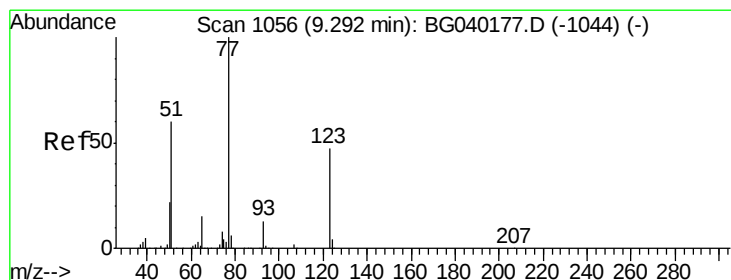
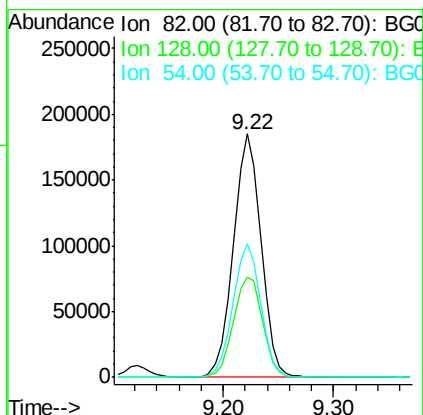
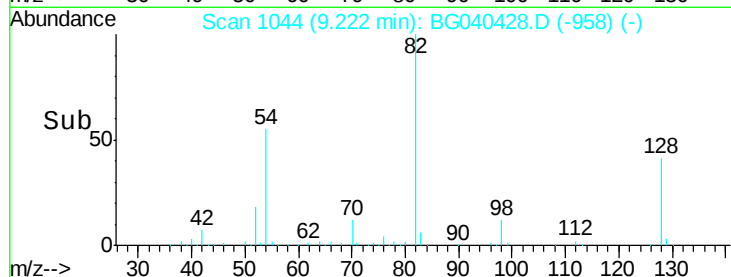
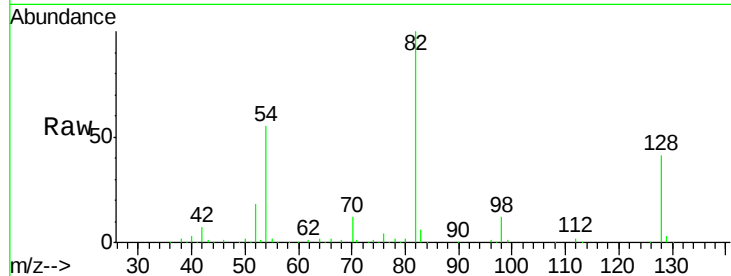




#23
Nitrobenzene-d5
Concen: 76.078 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040428.D
Acq: 10 Apr 2019 23:43

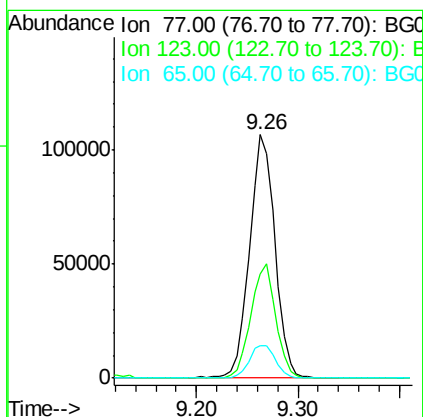
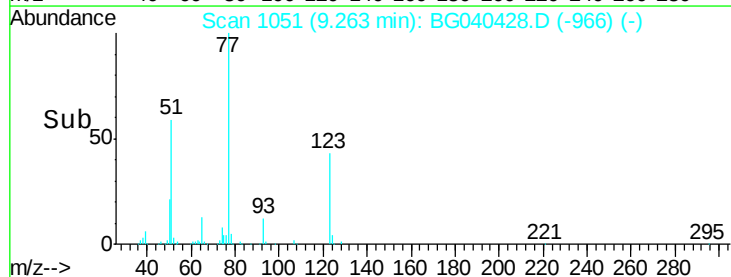
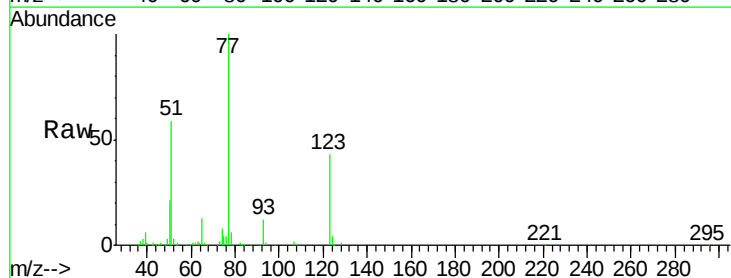
Instrument :
BNA_G
ClientSampled :

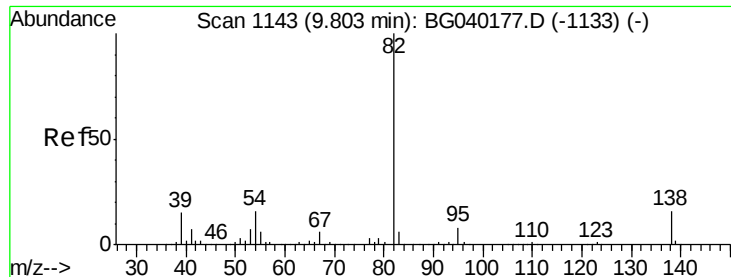
Tot Ion: 82 Resp: 326481
Ion Ratio Lower Upper
82 100
128 41.4 35.8 53.8
54 54.8 46.2 69.2



#24
Nitrobenzene
Concen: 41.828 ng
RT: 9.26 min Scan# 1051
Delta R.T. -0.03 min
Lab File: BG040428.D
Acq: 10 Apr 2019 23:43

Tgt Ion: 77 Resp: 185879
Ion Ratio Lower Upper
77 100
123 42.9 37.8 56.6
65 13.4 12.0 18.0





#25

Isophorone

Concen: 41.183 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

Instrument :

BNA_G

ClientSampleId :

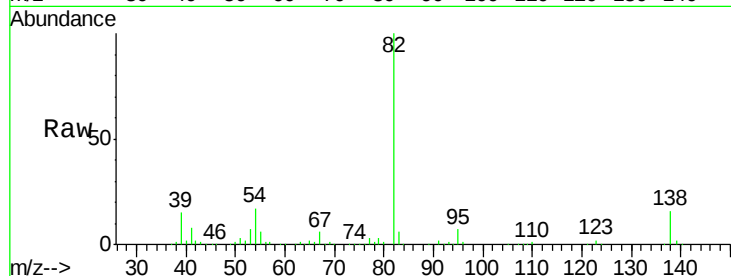
Tot Ion: 82 Resp: 363638

Ion Ratio Lower Upper

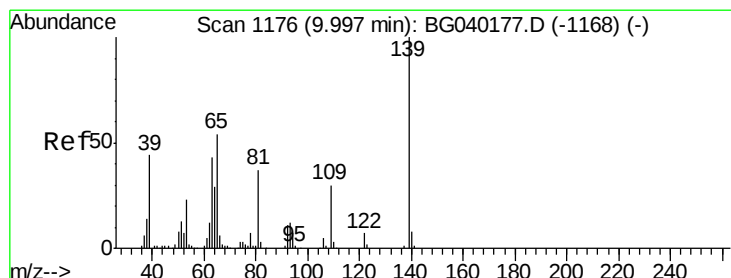
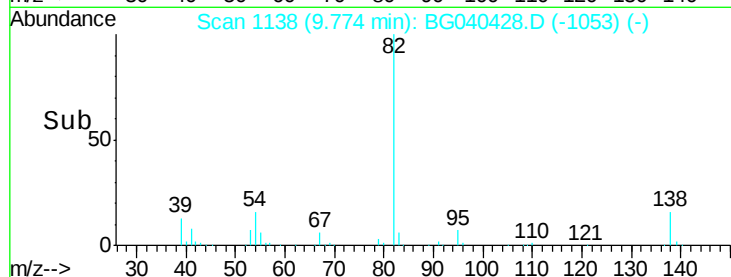
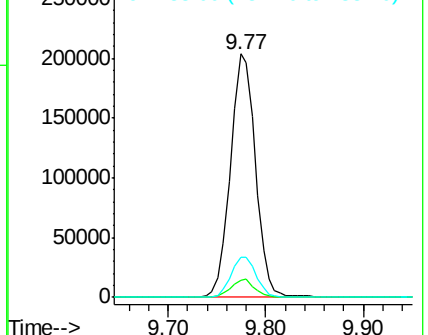
82 100

95 7.2 6.1 9.1

138 16.2 13.2 19.8



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



#26

2-Nitrophenol

Concen: 42.544 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

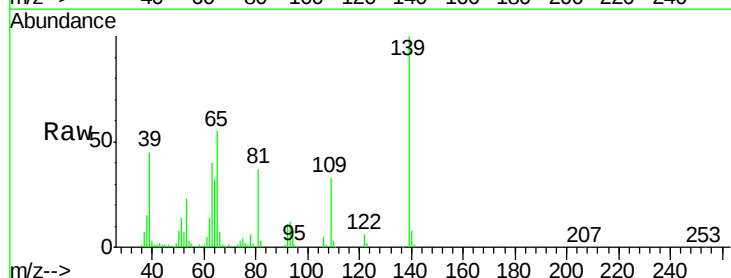
Tgt Ion: 139 Resp: 89583

Ion Ratio Lower Upper

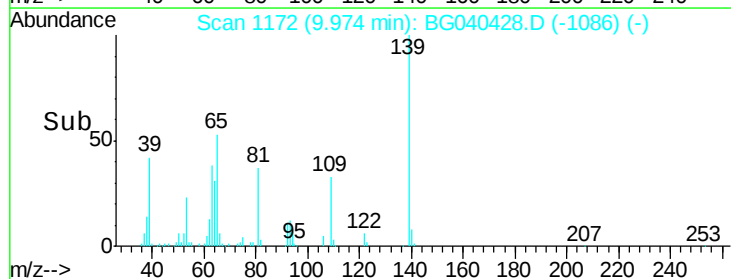
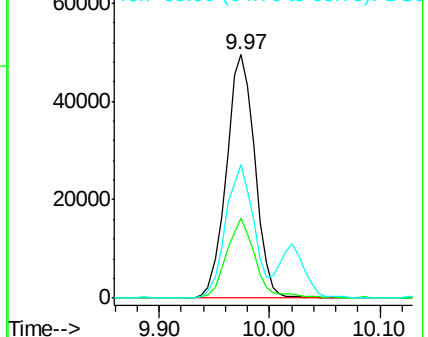
139 100

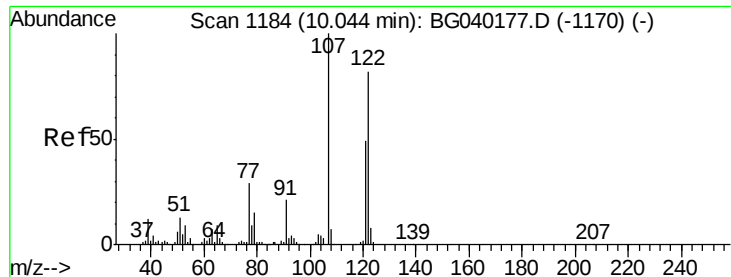
109 32.6 24.1 36.1

65 54.9 43.0 64.6



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

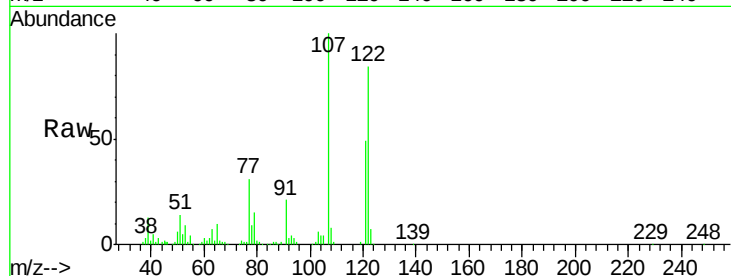




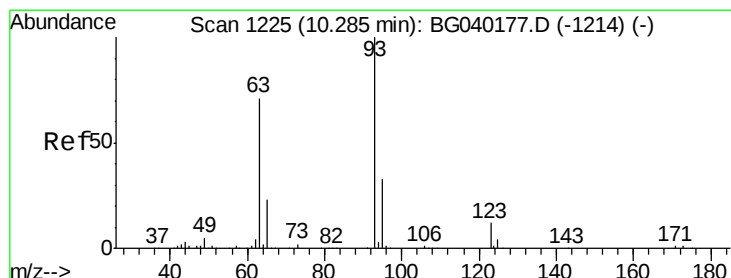
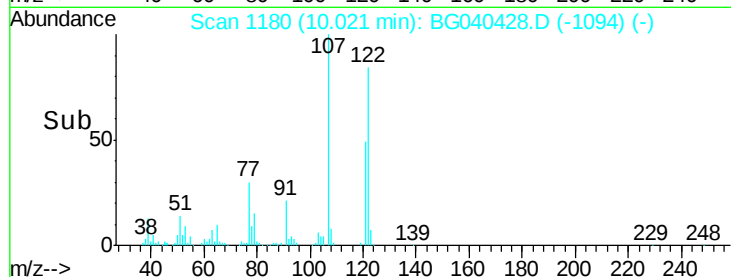
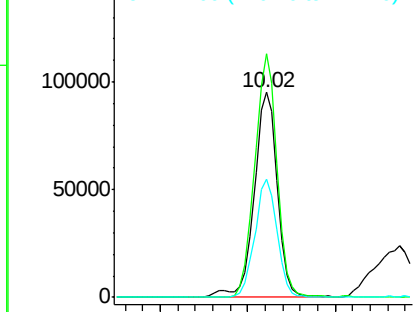
#27
 2,4-Dimethylphenol
 Concen: 51.340 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BG040428.D
 Acq: 10 Apr 2019 23:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 171717
 Ion Ratio Lower Upper
 122 100
 107 118.8 97.4 146.2
 121 57.8 47.7 71.5

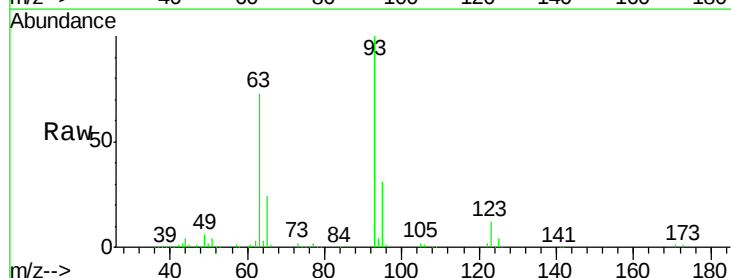


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

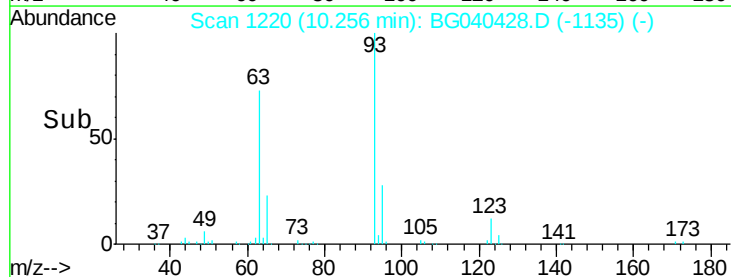
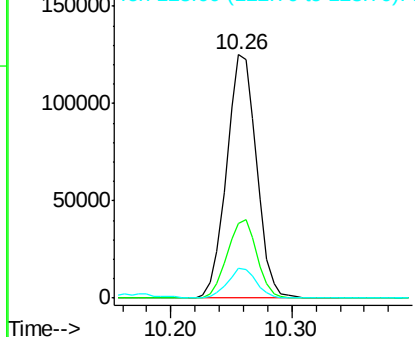


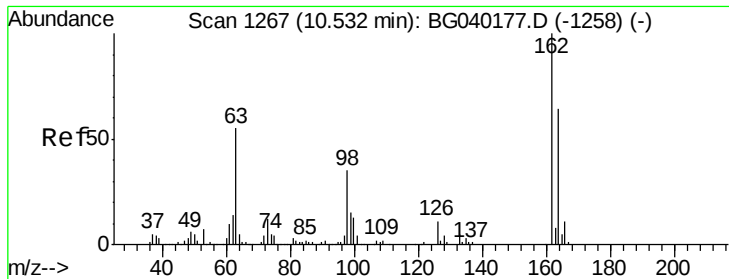
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.191 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.03 min
 Lab File: BG040428.D
 Acq: 10 Apr 2019 23:43

Tgt Ion: 93 Resp: 215178
 Ion Ratio Lower Upper
 93 100
 95 30.8 26.2 39.4
 123 12.1 9.4 14.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

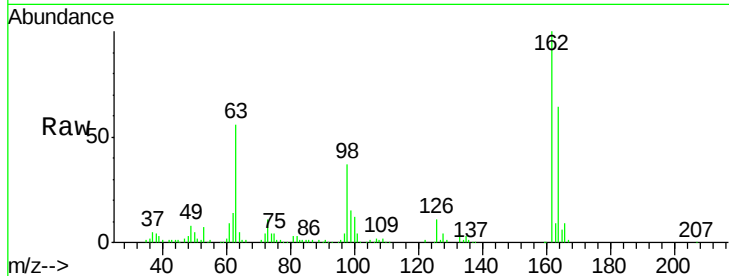




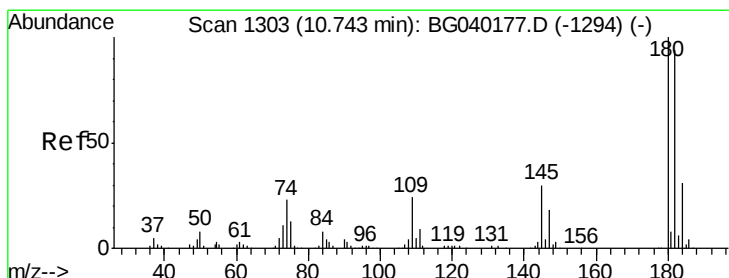
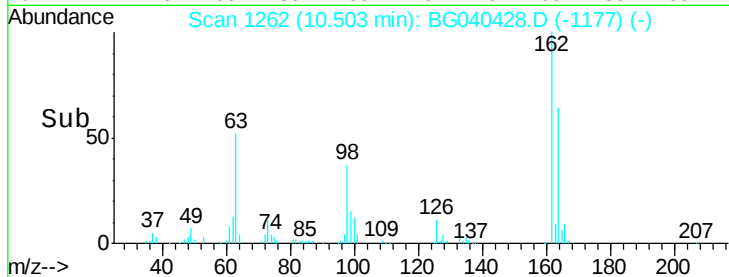
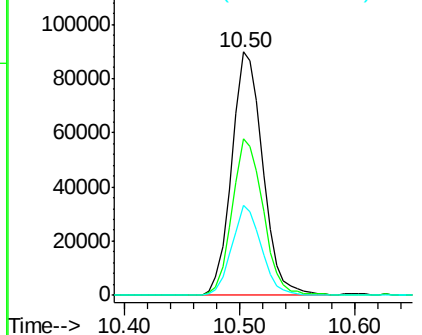
#29
 2,4-Dichlorophenol
 Concen: 46.219 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. -0.03 min
 Lab File: BG040428.D
 Acq: 10 Apr 2019 23:43

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.9	83.9
98	36.8	15.6	55.6

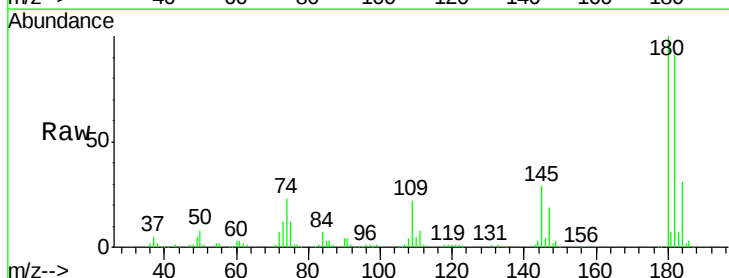


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

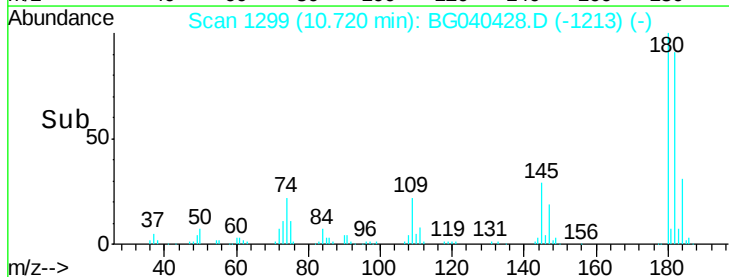
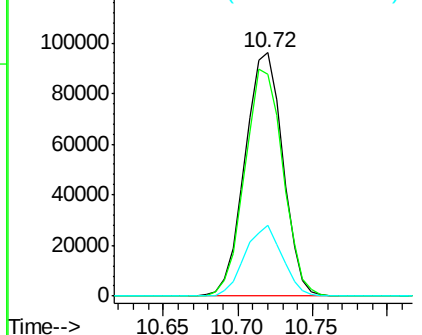


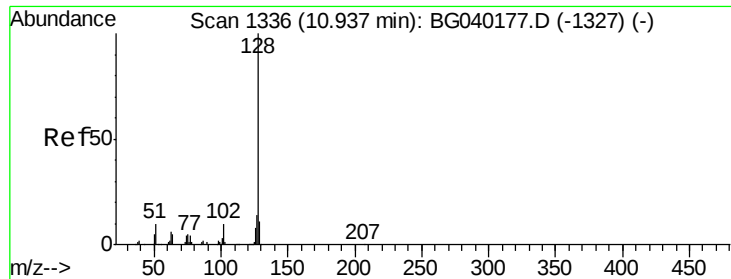
#30
 1,2,4-Trichlorobenzene
 Concen: 42.366 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BG040428.D
 Acq: 10 Apr 2019 23:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.3	75.1	112.7
145	29.0	24.1	36.1



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

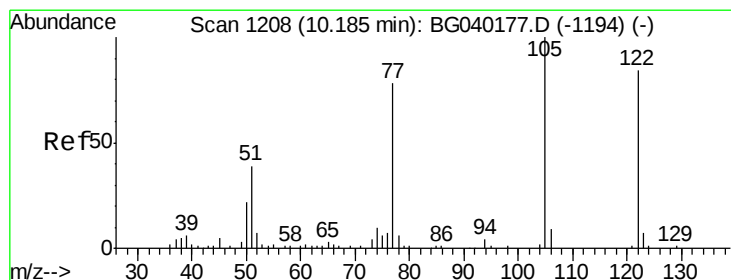
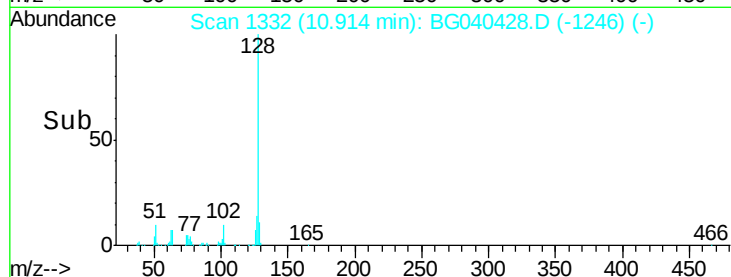
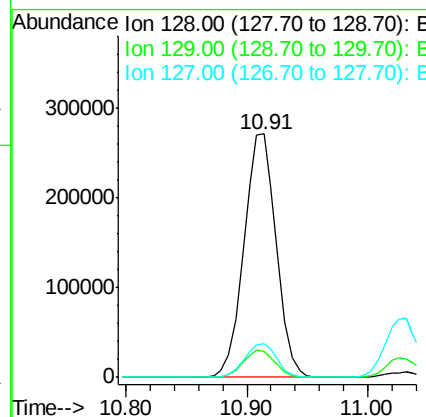
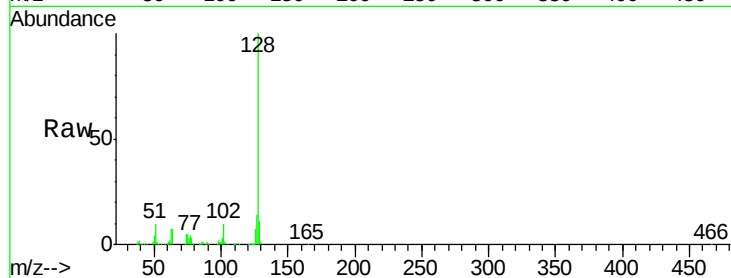




#31
Naphthalene
Concen: 42.919 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG040428.D
Acq: 10 Apr 2019 23:43

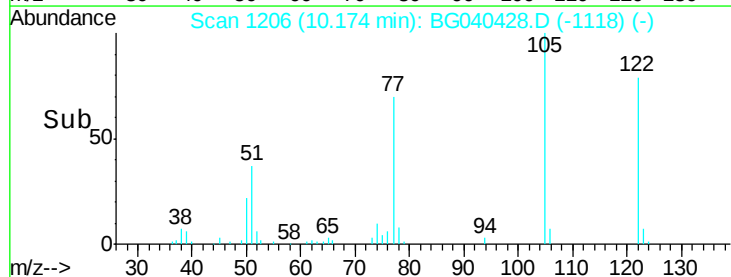
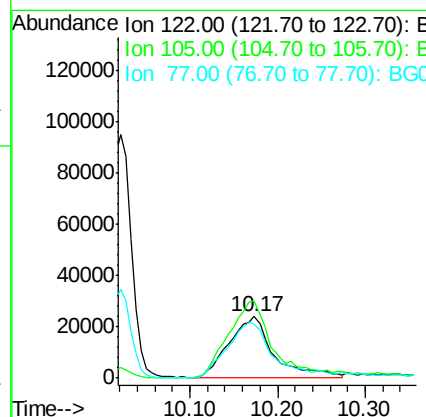
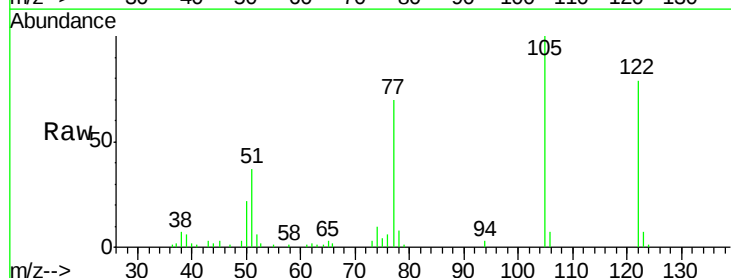
Instrument :
BNA_G
ClientSampleId :

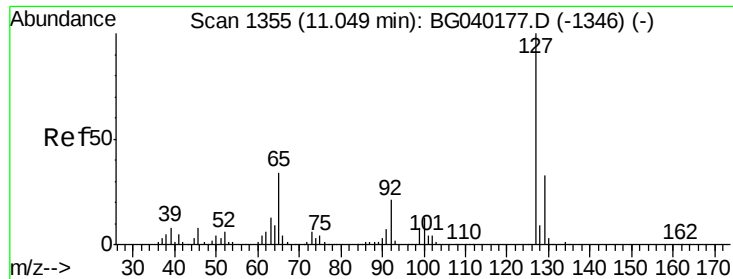
Tot Ion:128 Resp: 501804
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.8 11.4 17.0



#32
Benzoic acid
Concen: 40.750 ng
RT: 10.17 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BG040428.D
Acq: 10 Apr 2019 23:43

Tgt Ion:122 Resp: 82350
Ion Ratio Lower Upper
122 100
105 126.7 98.2 138.2
77 88.4 73.6 113.6

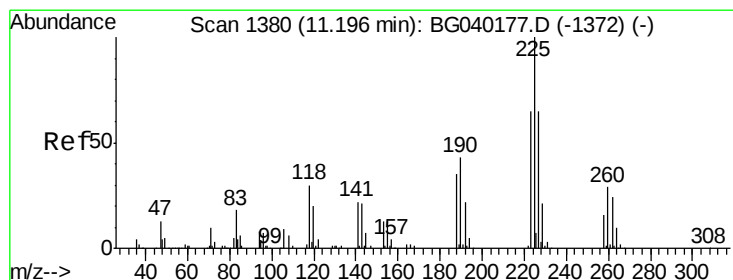
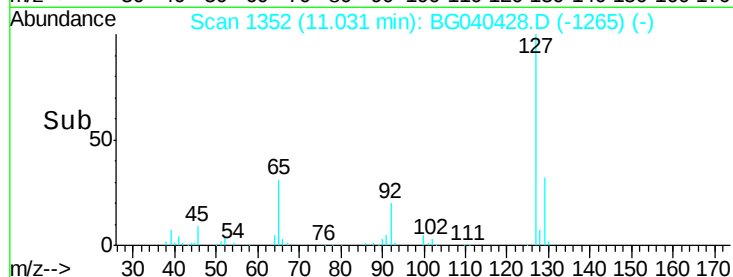
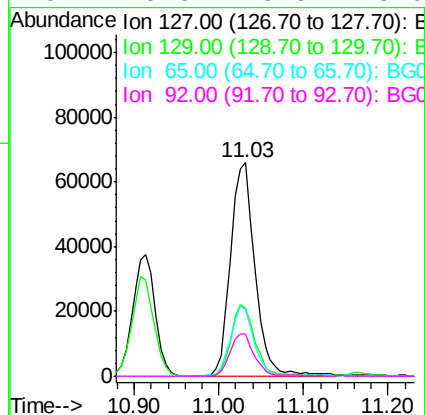
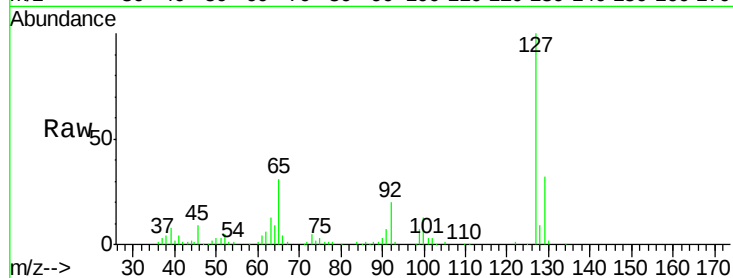




#33
4-Chloroaniline
Concen: 26.385 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BG040428.D
Acq: 10 Apr 2019 23:43

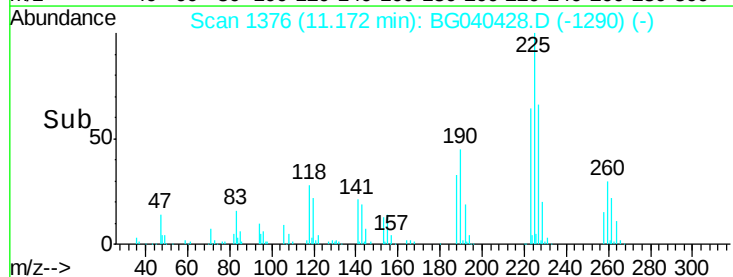
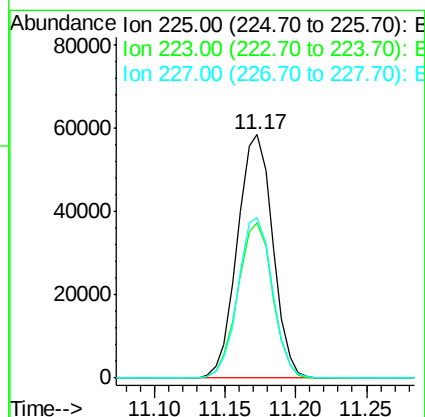
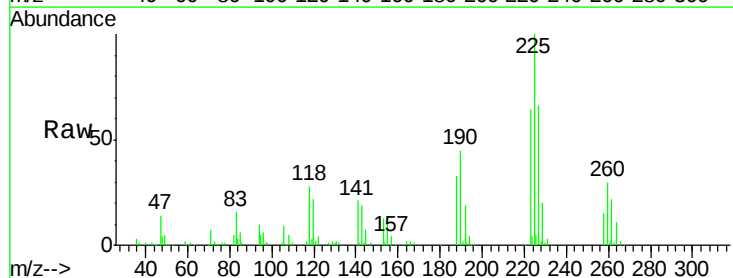
Instrument :
BNA_G
ClientSampleId :

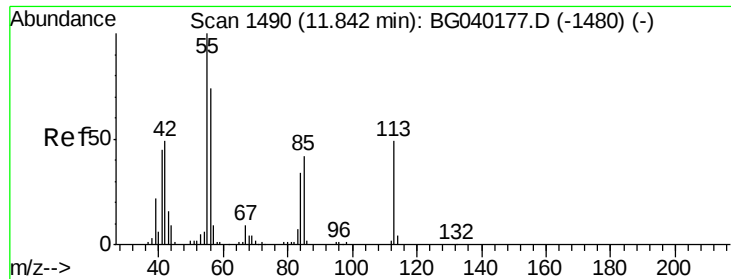
Tot Ion:	127	Resp:	131585
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.6	40.0
65	31.2	27.0	40.4
92	19.6	16.6	25.0



#34
Hexachlorobutadiene
Concen: 40.064 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG040428.D
Acq: 10 Apr 2019 23:43

Tgt Ion:	225	Resp:	102143
Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.8	77.8
227	66.0	54.9	82.3





#35

Caprolactam

Concen: 44.449 ng

RT: 11.82 min Scan# 1486

Delta R.T. -0.02 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

Instrument :

BNA_G

ClientSampleId :

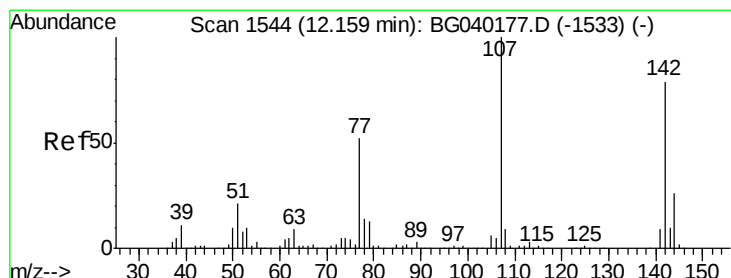
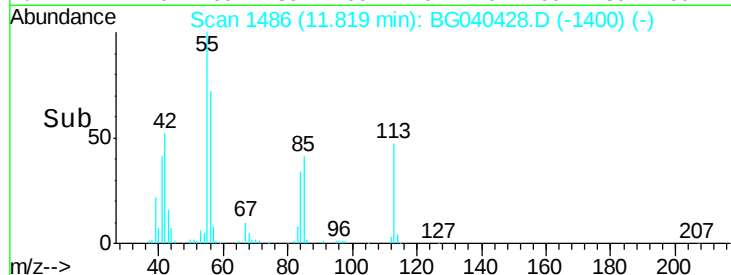
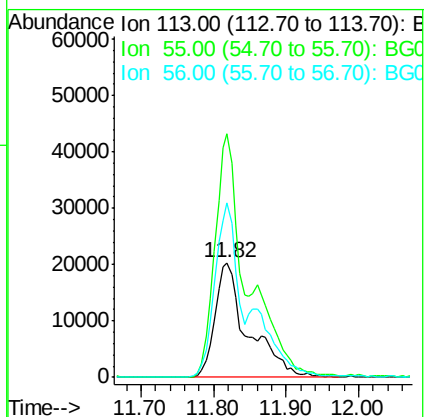
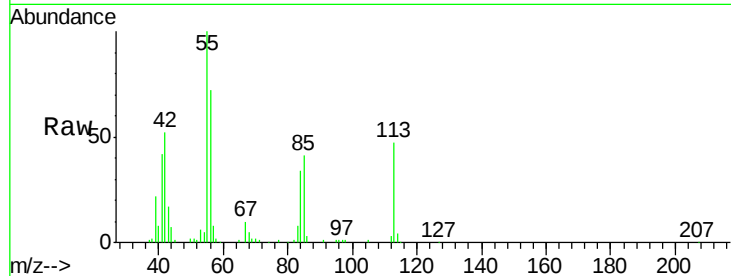
Tot Ion:113 Resp: 64039

Ion Ratio Lower Upper

113 100

55 212.4 184.2 224.2

56 152.0 131.3 171.3



#36

4-Chloro-3-methylphenol

Concen: 47.580 ng

RT: 12.14 min Scan# 1541

Delta R.T. -0.02 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

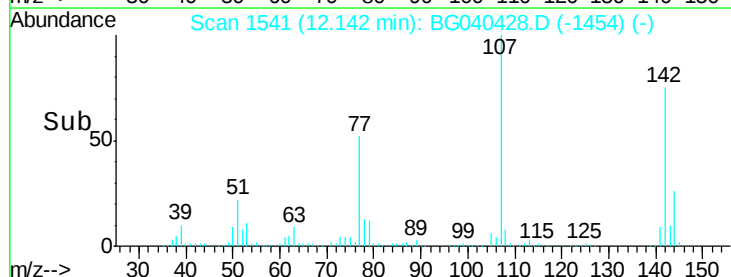
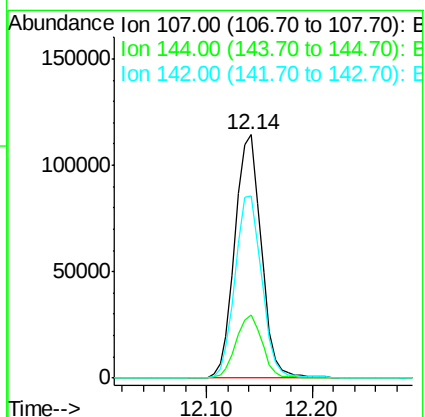
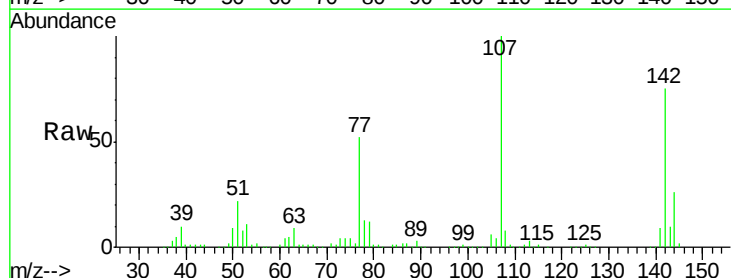
Tgt Ion:107 Resp: 198582

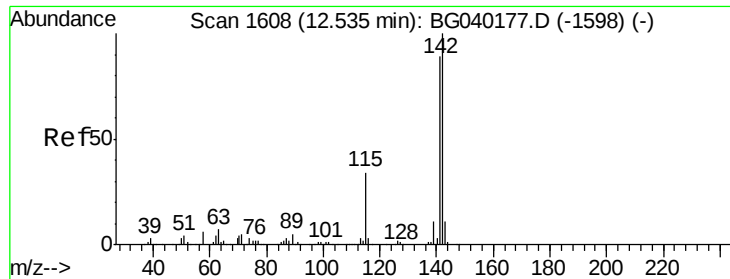
Ion Ratio Lower Upper

107 100

144 25.8 20.5 30.7

142 75.0 63.1 94.7

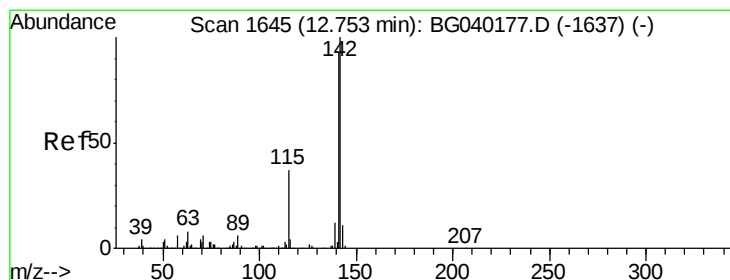
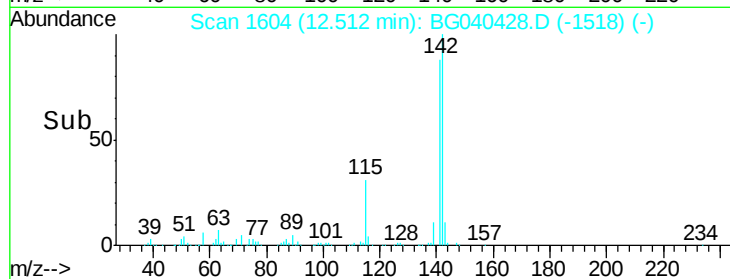
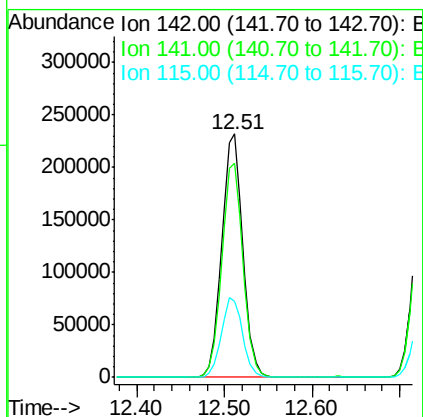
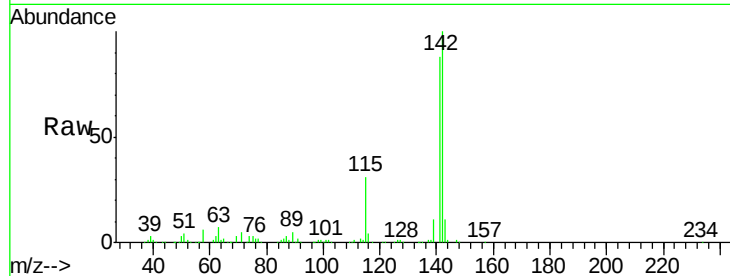




#37
 2-Methylnaphthalene
 Concen: 44.470 ng
 RT: 12.51 min Scan# 1604
 Delta R.T. -0.02 min
 Lab File: BG040428.D
 Acq: 10 Apr 2019 23:43

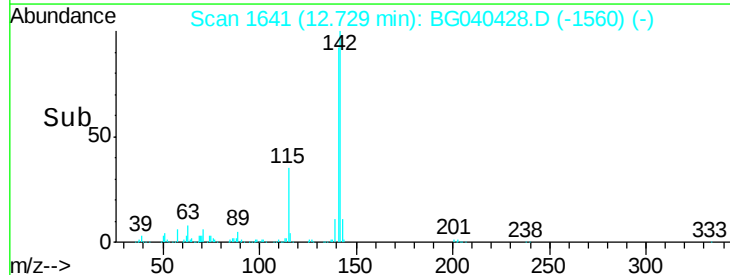
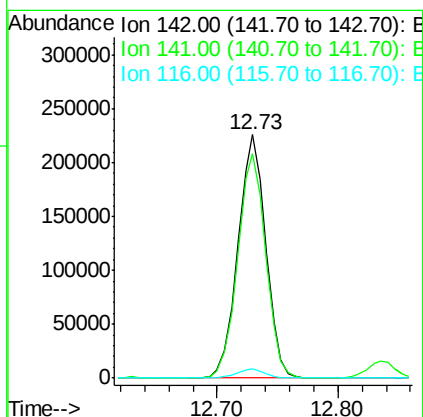
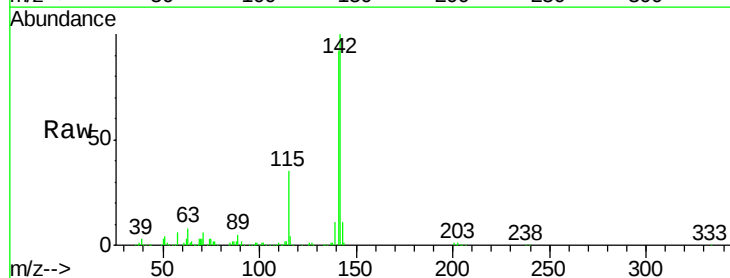
Instrument :
 BNA_G
 ClientSampleId :

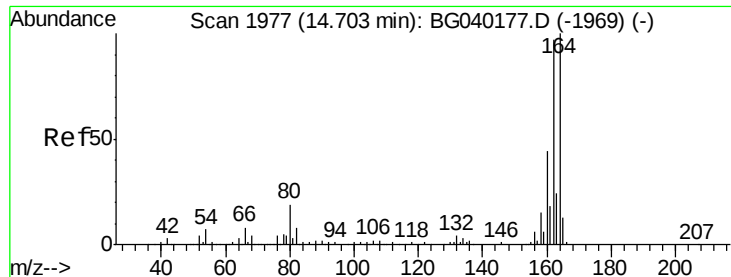
Tot Ion:142 Resp: 384541
 Ion Ratio Lower Upper
 142 100
 141 87.9 71.0 106.6
 115 31.1 27.3 40.9



#38
 1-Methylnaphthalene
 Concen: 43.066 ng
 RT: 12.73 min Scan# 1641
 Delta R.T. -0.02 min
 Lab File: BG040428.D
 Acq: 10 Apr 2019 23:43

Tgt Ion:142 Resp: 361110
 Ion Ratio Lower Upper
 142 100
 141 92.0 74.2 111.4
 116 3.8 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

Instrument :

BNA_G

ClientSampleId :

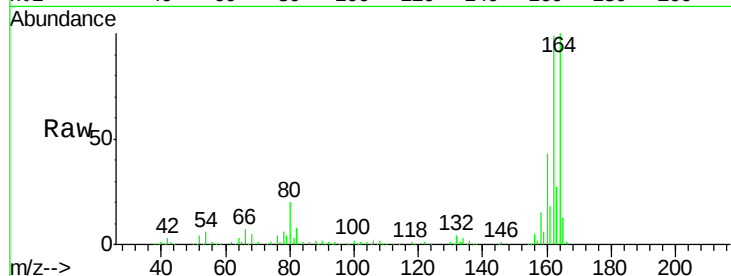
Tot Ion:164 Resp: 150899

Ion Ratio Lower Upper

164 100

162 99.5 77.4 116.2

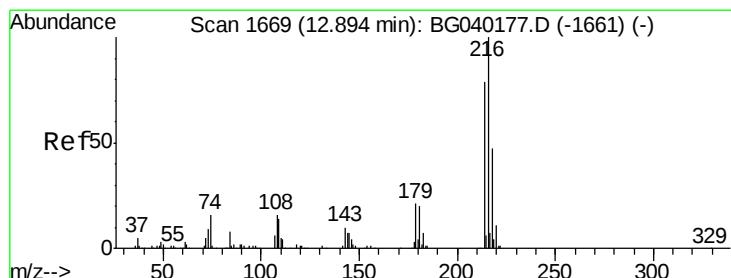
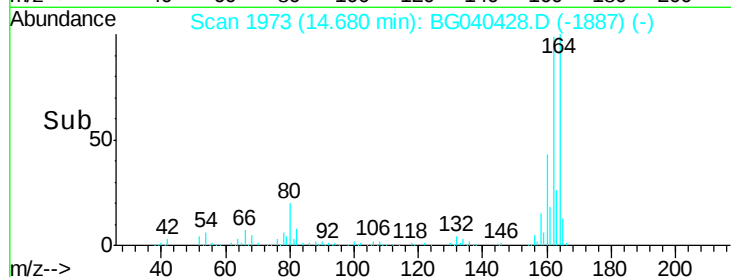
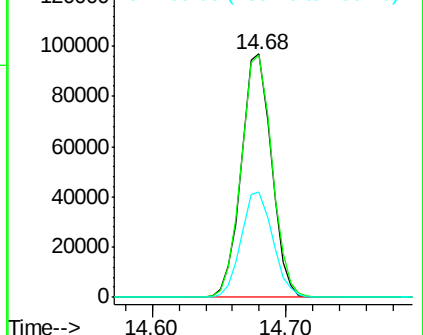
160 43.2 35.3 52.9



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: 40.501 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

Tgt Ion:216 Resp: 194249

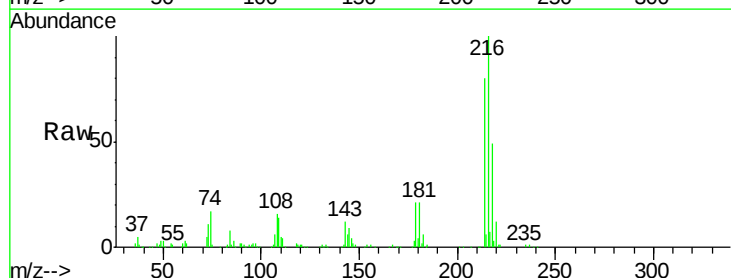
Ion Ratio Lower Upper

216 100

214 79.7 63.5 95.3

179 20.2 16.6 25.0

108 19.1 13.8 20.8

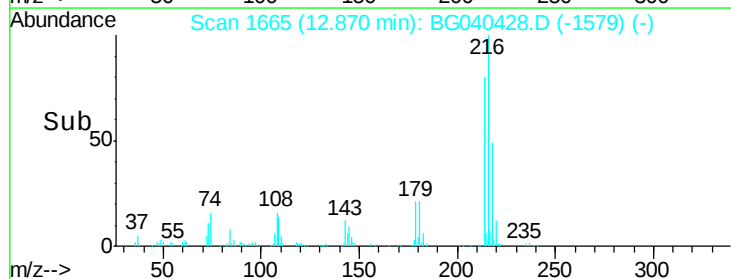
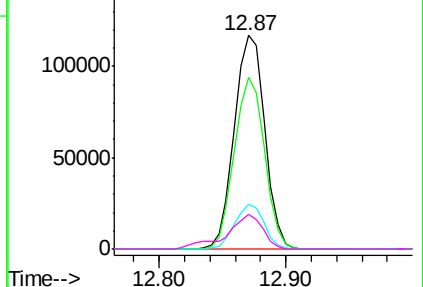


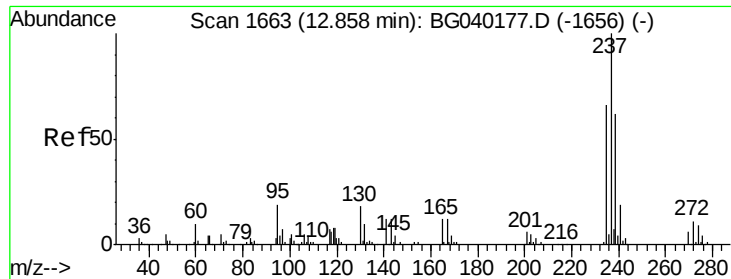
Abundance Ion 216.00 (215.70 to 216.70): E

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: 83.051 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

Instrument :

BNA_G

ClientSampleId :

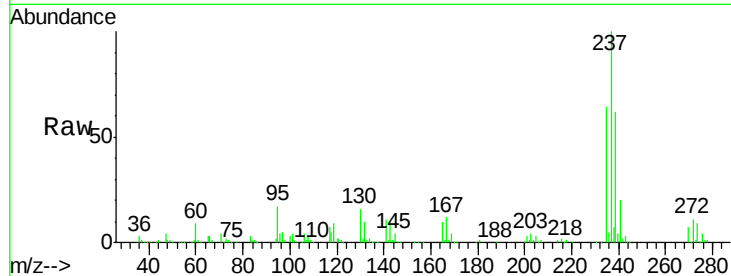
Tot Ion:237 Resp: 218707

Ion Ratio Lower Upper

237 100

235 63.7 46.2 86.2

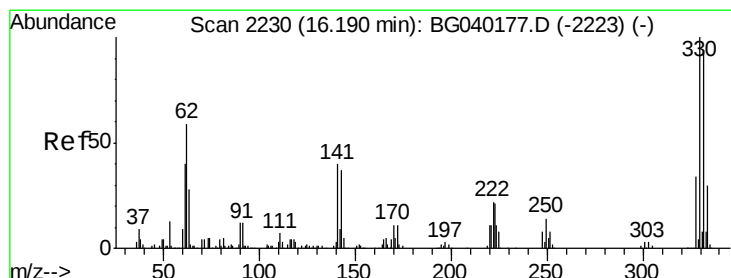
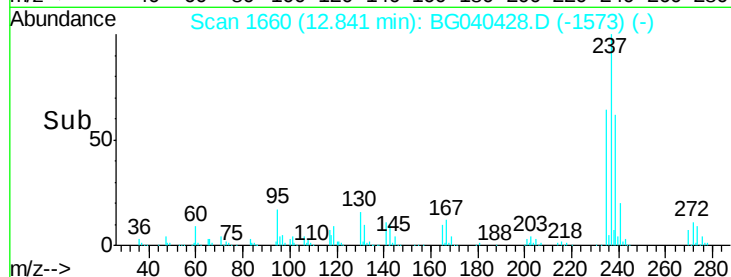
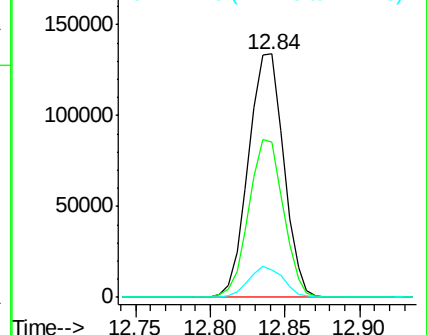
272 11.4 0.0 30.5



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: 148.337 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

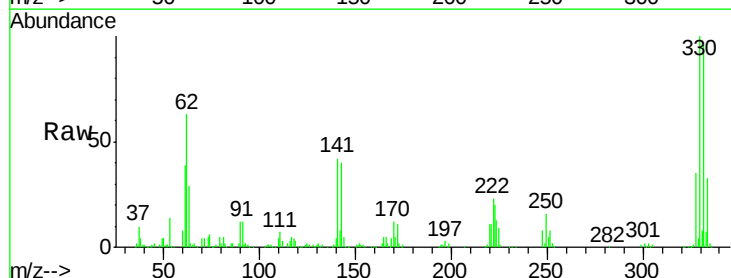
Tgt Ion:330 Resp: 241911

Ion Ratio Lower Upper

330 100

332 97.9 76.6 115.0

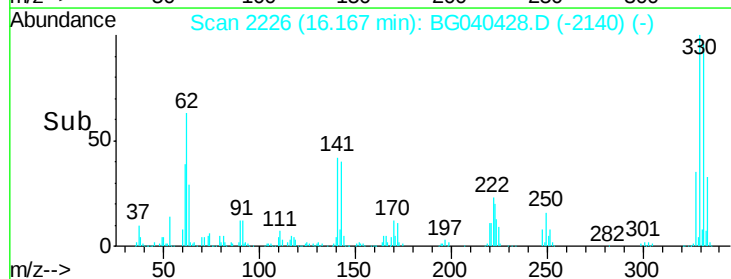
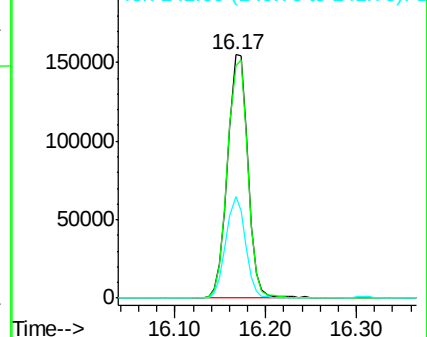
141 39.8 32.6 48.8

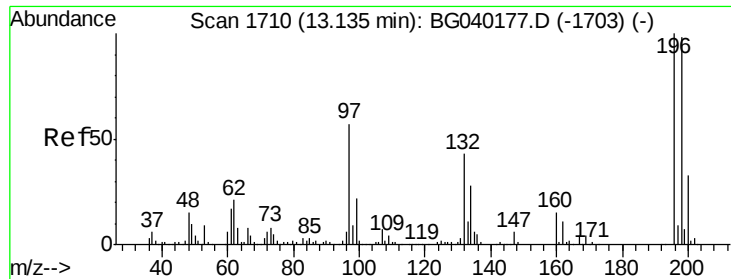


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

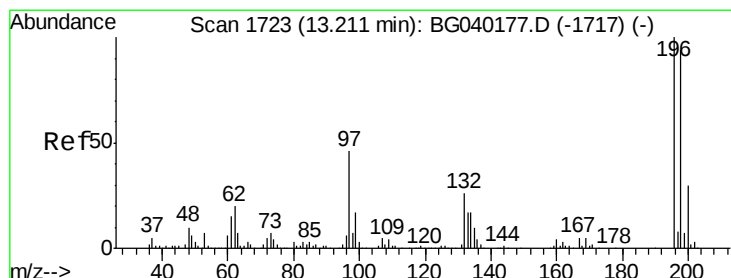
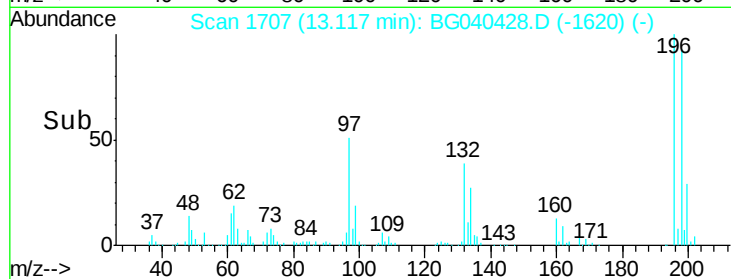
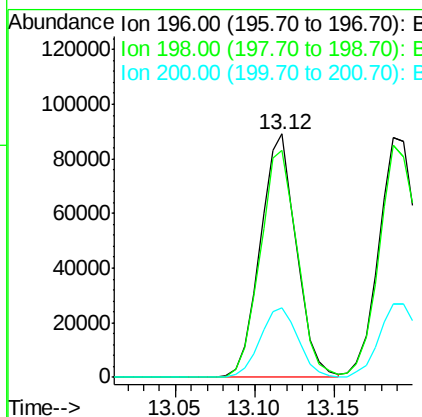
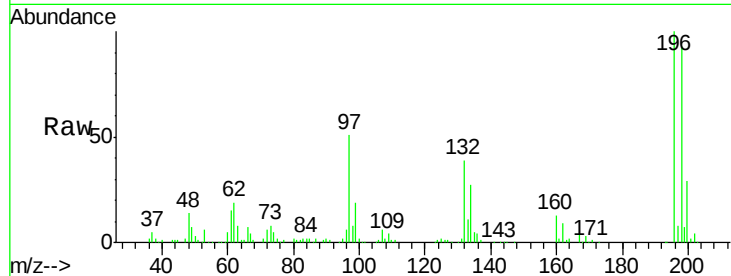




#43
 2,4,6-Trichlorophenol
 Concen: 45.515 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.02 min
 Lab File: BG040428.D
 Acq: 10 Apr 2019 23:43

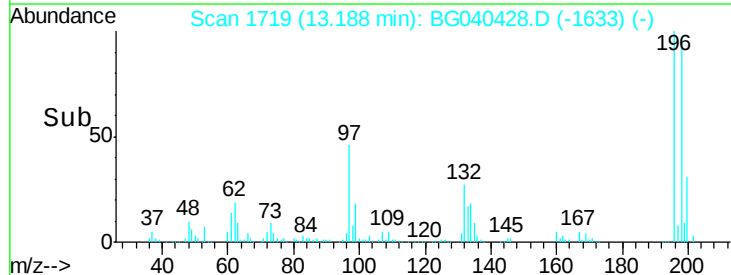
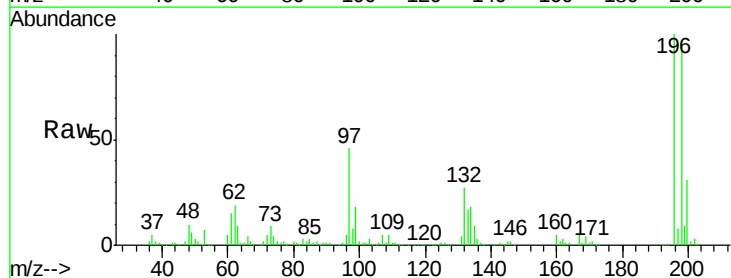
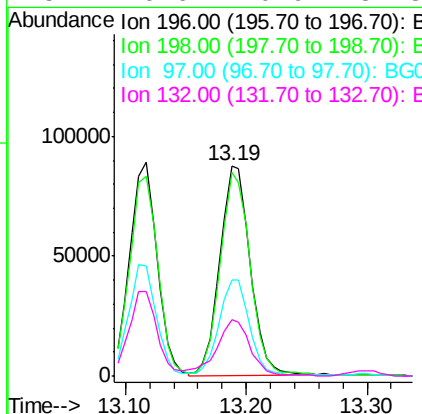
Instrument :
 BNA_G
 ClientSampled :

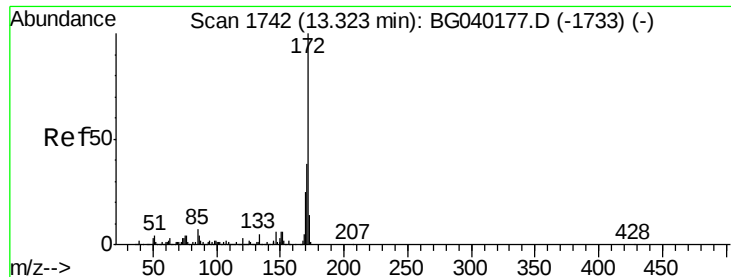
Tot Ion:196 Resp: 140741
 Ion Ratio Lower Upper
 196 100
 198 93.2 78.3 117.5
 200 28.7 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 45.329 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040428.D
 Acq: 10 Apr 2019 23:43

Tgt Ion:196 Resp: 152776
 Ion Ratio Lower Upper
 196 100
 198 96.7 75.0 112.6
 97 45.9 37.3 55.9
 132 26.6 20.9 31.3

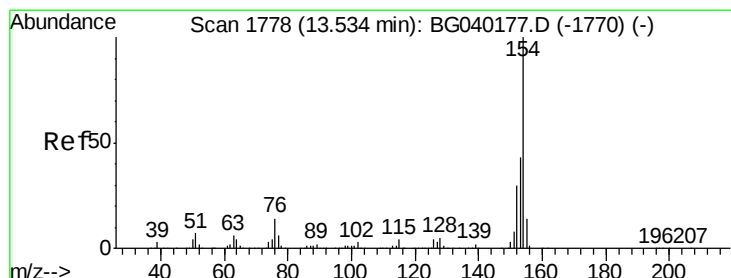
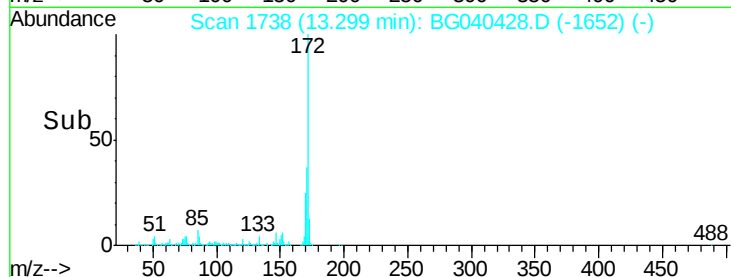
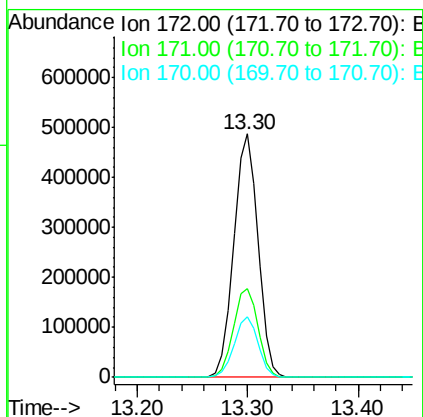
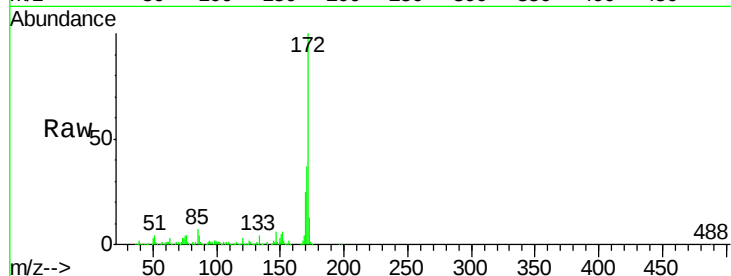




#45
2-Fluorobiphenyl
Concen: 73.699 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040428.D
Acq: 10 Apr 2019 23:43

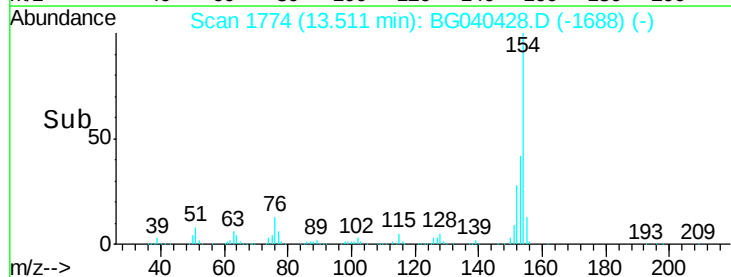
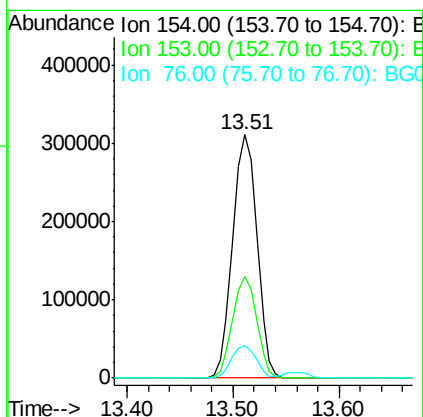
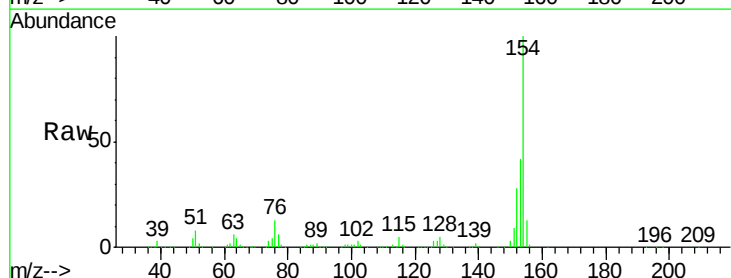
Instrument :
BNA_G
ClientSampleId :

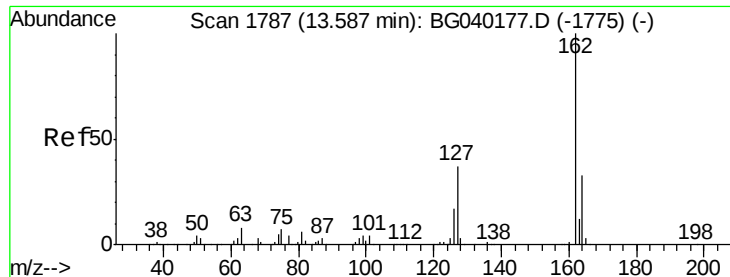
Tot Ion:172 Resp: 750529
Ion Ratio Lower Upper
172 100
171 36.6 30.5 45.7
170 25.0 20.1 30.1



#46
1,1'-Biphenyl
Concen: 41.399 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040428.D
Acq: 10 Apr 2019 23:43

Tgt Ion:154 Resp: 493597
Ion Ratio Lower Upper
154 100
153 41.7 22.5 62.5
76 13.4 0.0 33.7





#47

2-Chloronaphthalene

Concen: 41.437 ng

RT: 13.56 min Scan# 1782

Delta R.T. -0.03 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

Instrument :

BNA_G

ClientSampleId :

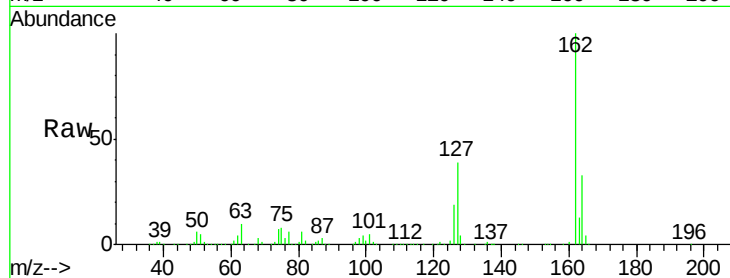
Tot Ion:162 Resp: 378965

Ion Ratio Lower Upper

162 100

127 38.6 30.6 45.8

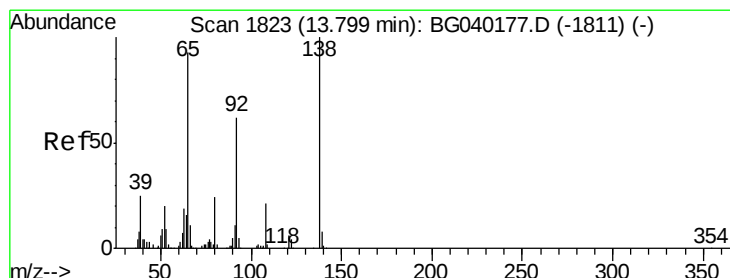
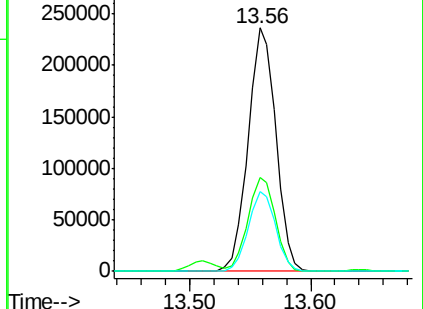
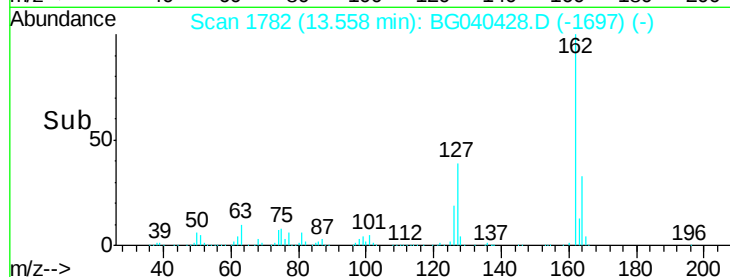
164 32.7 26.2 39.4



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: 44.244 ng

RT: 13.78 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

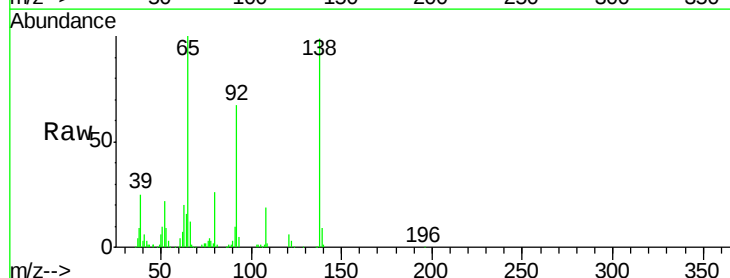
Tgt Ion: 65 Resp: 136488

Ion Ratio Lower Upper

65 100

92 66.8 53.8 80.6

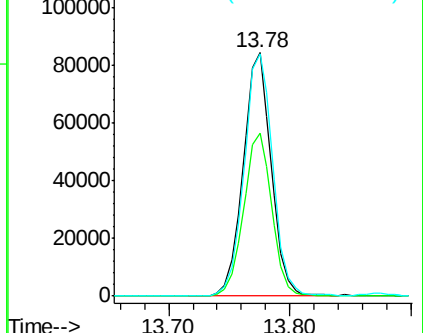
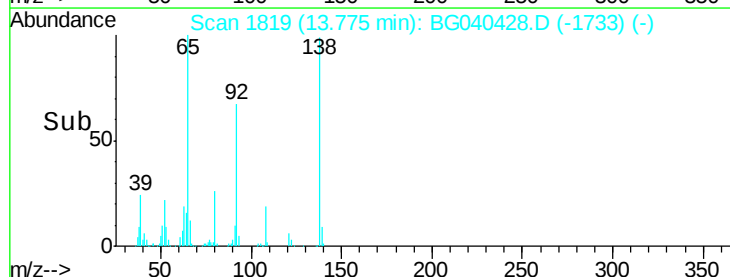
138 99.5 86.3 129.5

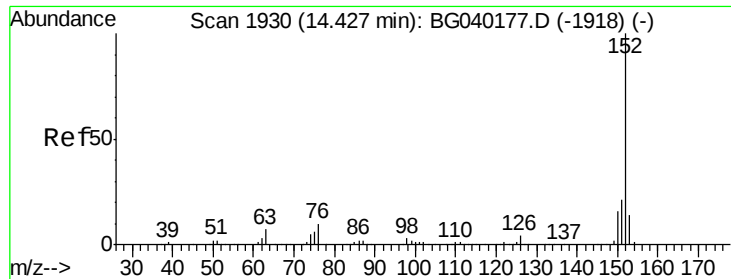


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.331 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

Instrument :

BNA_G

ClientSampleId :

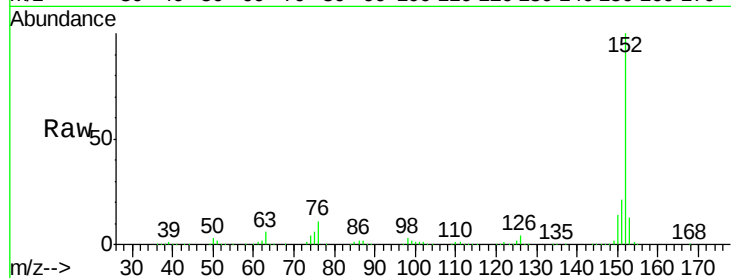
Tot Ion:152 Resp: 640893

Ion Ratio Lower Upper

152 100

151 20.8 17.0 25.6

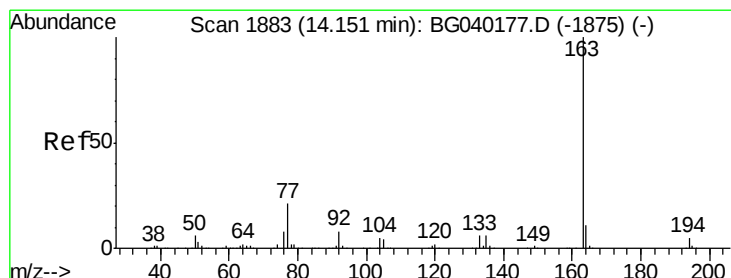
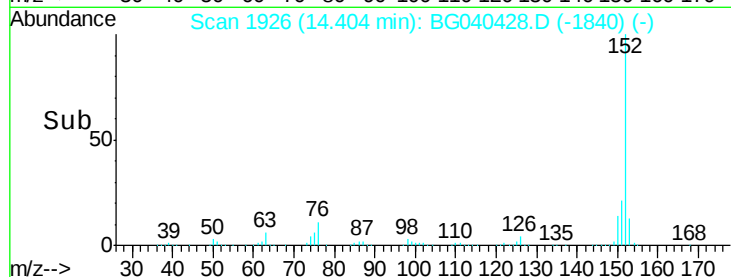
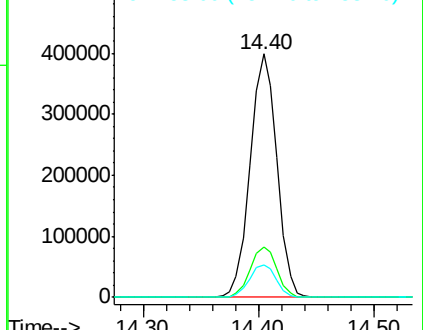
153 13.4 10.8 16.2



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: 42.411 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

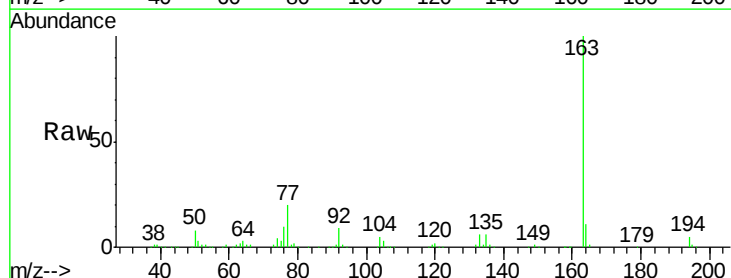
Tgt Ion:163 Resp: 500867

Ion Ratio Lower Upper

163 100

194 4.9 4.1 6.1

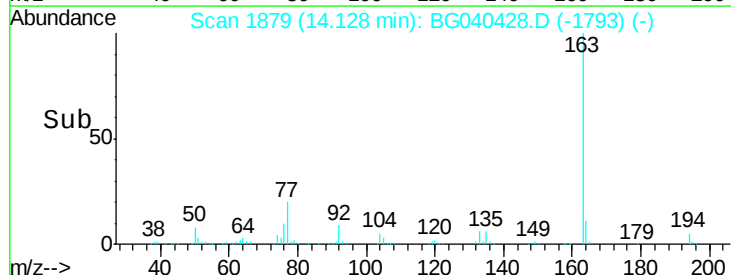
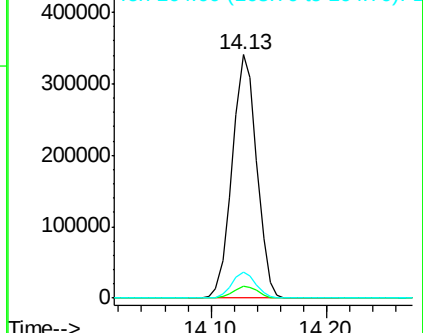
164 10.7 8.6 13.0

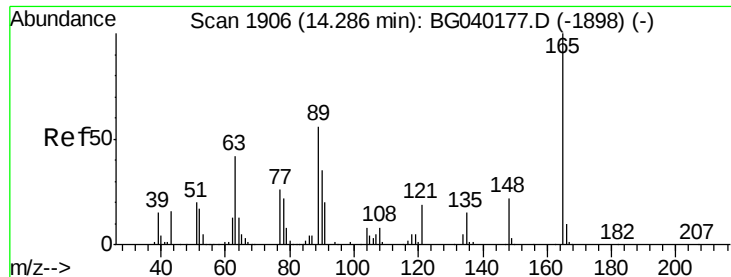


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

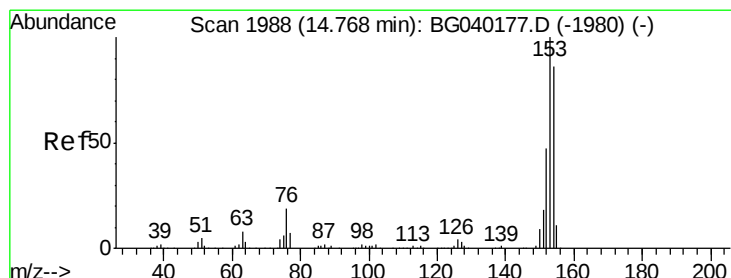
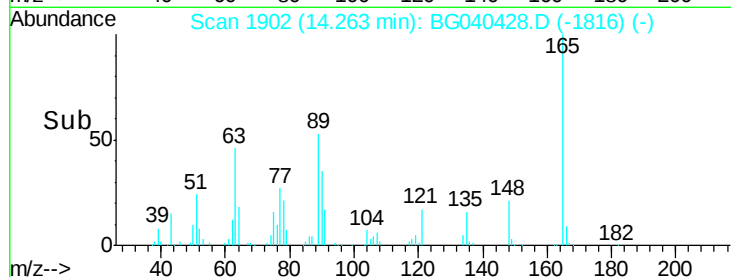
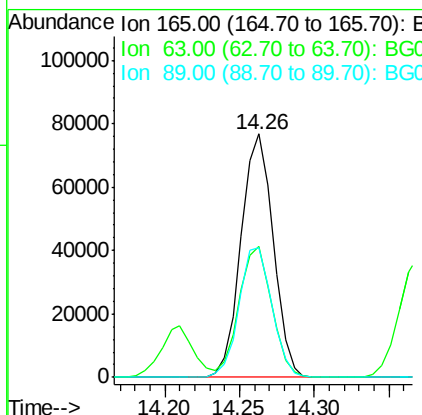
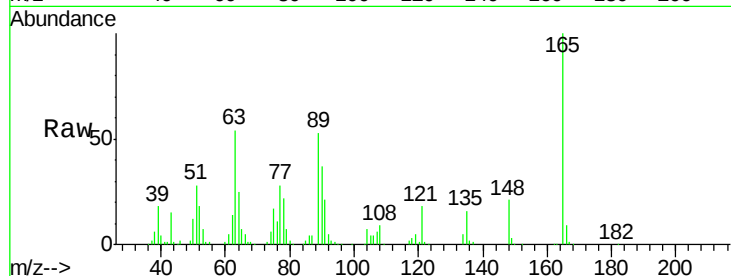




#51
2,6-Dinitrotoluene
Concen: 43.269 ng
RT: 14.26 min Scan# 1902
Delta R.T. -0.02 min
Lab File: BG040428.D
Acq: 10 Apr 2019 23:43

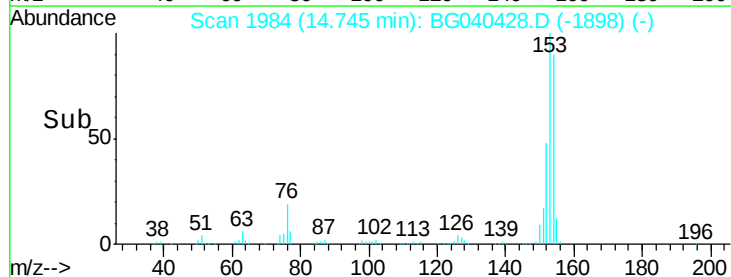
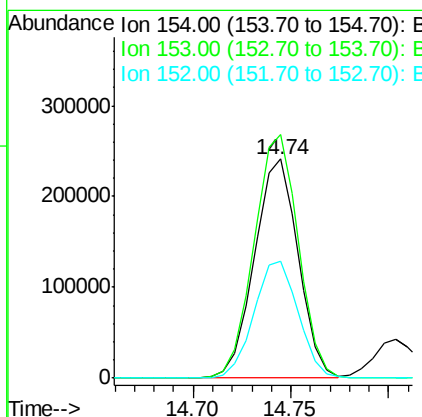
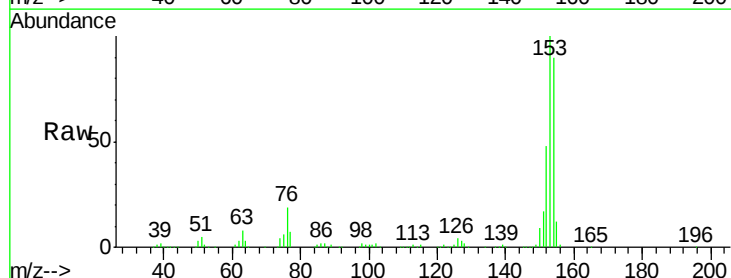
Instrument :
BNA_G
ClientSampleId :

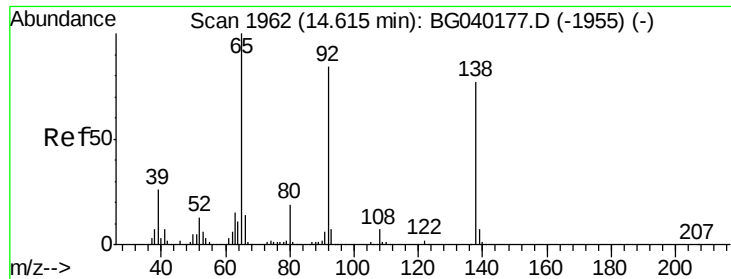
Tot Ion:165 Resp: 114740
Ion Ratio Lower Upper
165 100
63 53.9 44.1 66.1
89 53.2 44.9 67.3



#52
Acenaphthene
Concen: 42.111 ng
RT: 14.74 min Scan# 1984
Delta R.T. -0.02 min
Lab File: BG040428.D
Acq: 10 Apr 2019 23:43

Tgt Ion:154 Resp: 374173
Ion Ratio Lower Upper
154 100
153 111.3 92.8 139.2
152 53.6 43.4 65.2





#53

3-Nitroaniline

Concen: 31.336 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.02 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

Instrument :

BNA_G

ClientSampleId :

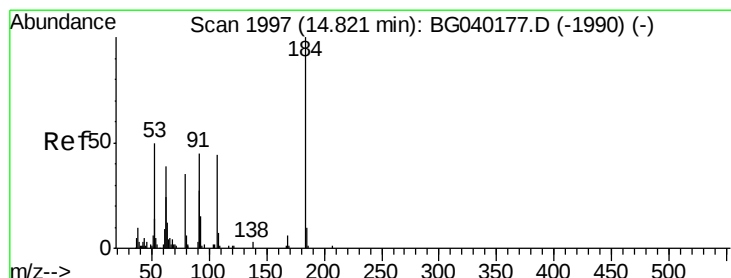
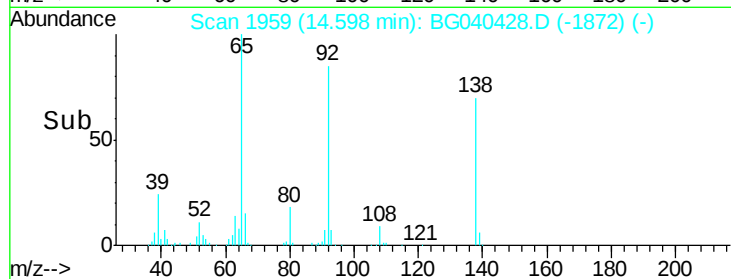
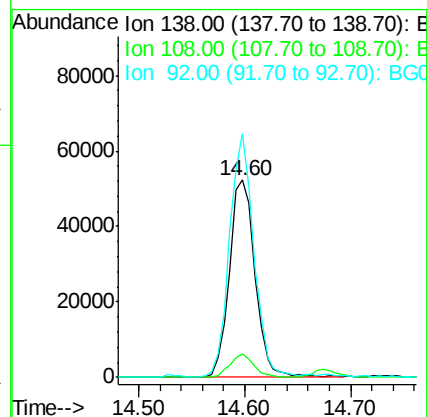
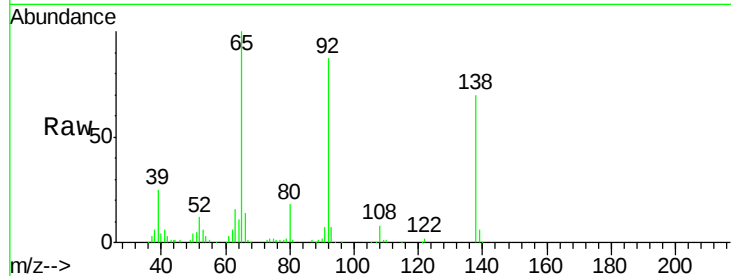
Tot Ion:138 Resp: 87958

Ion Ratio Lower Upper

138 100

108 12.1 7.8 11.8#

92 123.6 87.5 131.3



#54

2,4-Dinitrophenol

Concen: 89.451 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

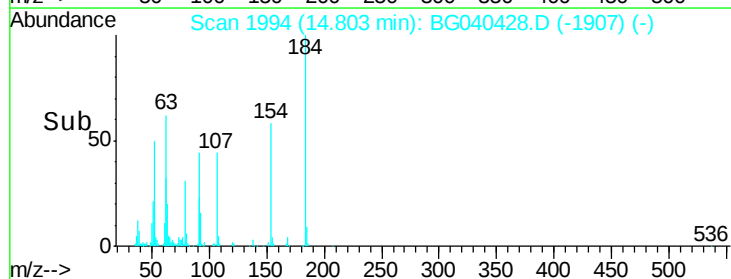
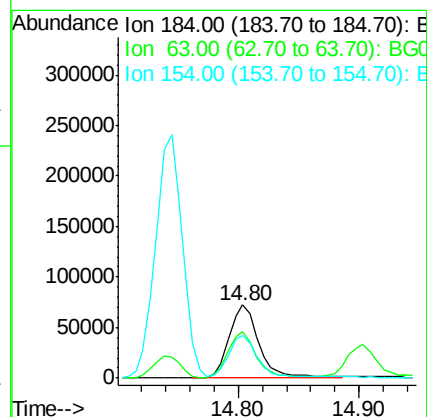
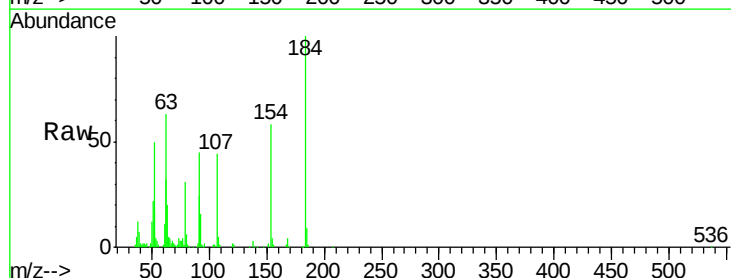
Tgt Ion:184 Resp: 126149

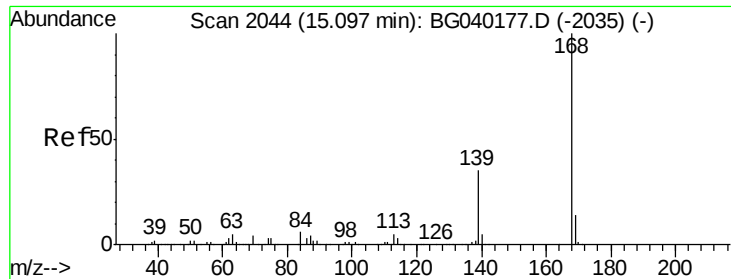
Ion Ratio Lower Upper

184 100

63 62.7 51.8 77.8

154 58.0 50.9 76.3

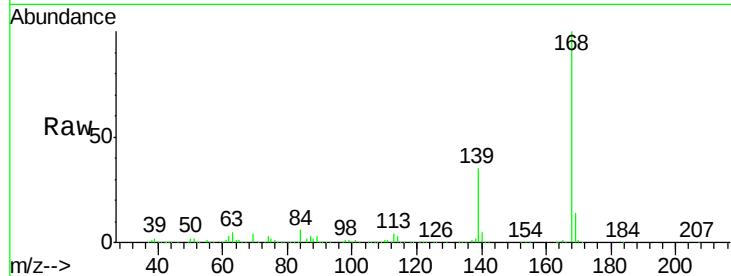




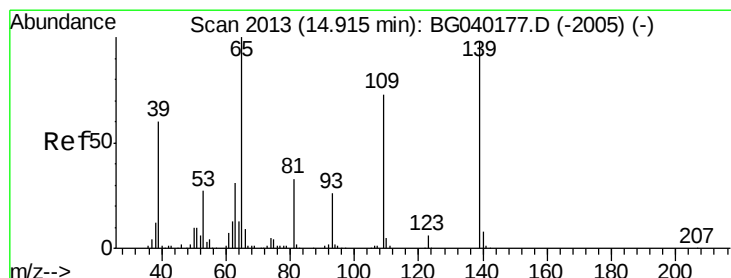
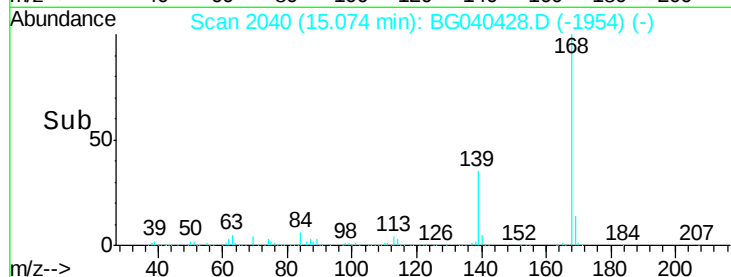
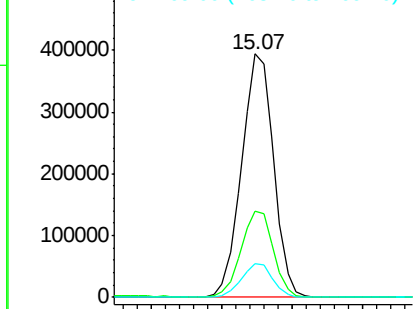
#55
Dibenzofuran
Concen: 43.727 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG040428.D
Acq: 10 Apr 2019 23:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 624311
Ion Ratio Lower Upper
168 100
139 35.4 27.9 41.9
169 13.7 11.3 16.9

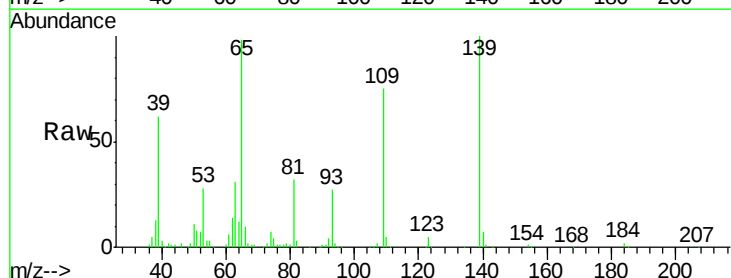


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

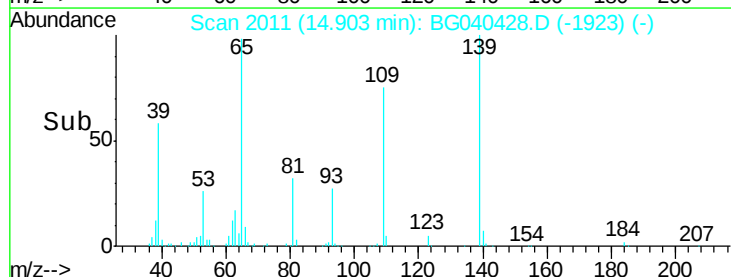
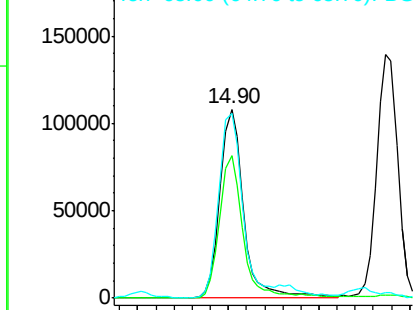


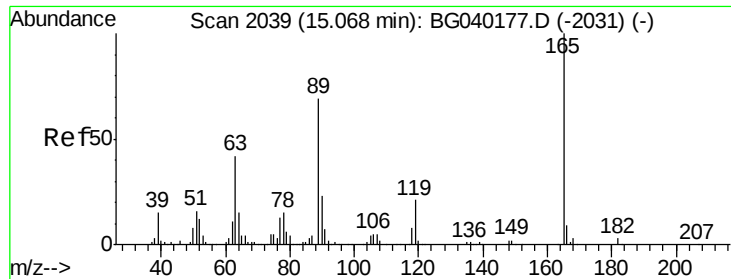
#56
4-Nitrophenol
Concen: 87.289 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG040428.D
Acq: 10 Apr 2019 23:43

Tgt Ion:139 Resp: 197750
Ion Ratio Lower Upper
139 100
109 75.2 54.3 94.3
65 98.0 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): BGO

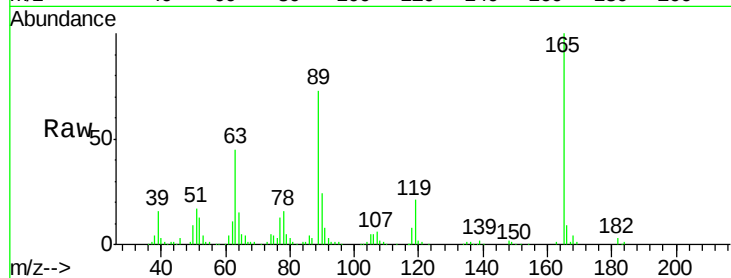




#57
 2,4-Dinitrotoluene
 Concen: 45.722 ng
 RT: 15.04 min Scan# 2035
 Delta R.T. -0.02 min
 Lab File: BG040428.D
 Acq: 10 Apr 2019 23:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.5	33.8	50.6
89	73.3	55.4	83.2
182	3.0	2.2	3.4

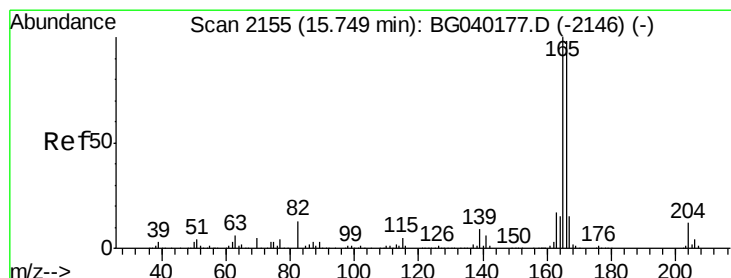
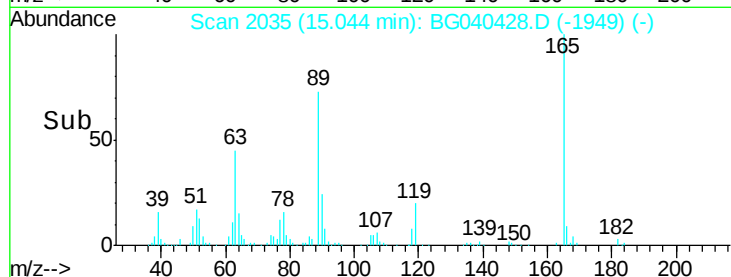
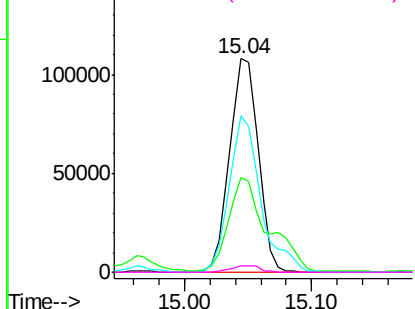


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

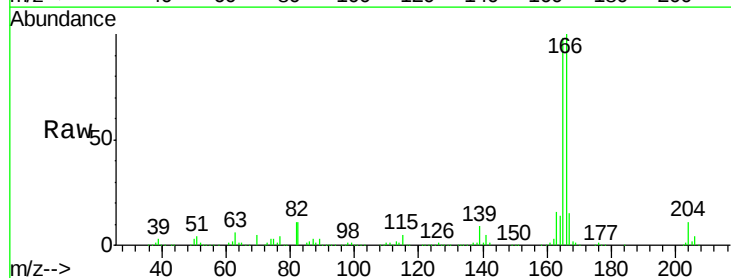
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 43.656 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.02 min
 Lab File: BG040428.D
 Acq: 10 Apr 2019 23:43

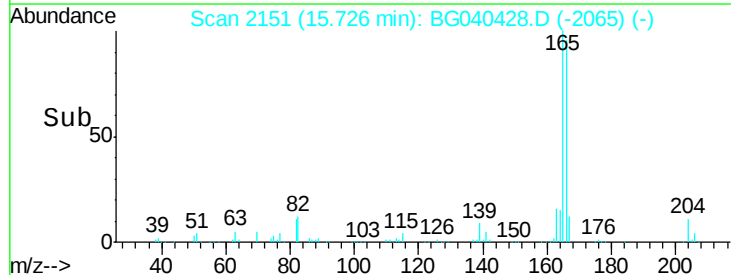
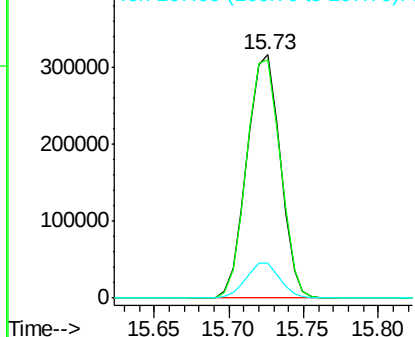
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	81.7	122.5
167	14.6	11.9	17.9

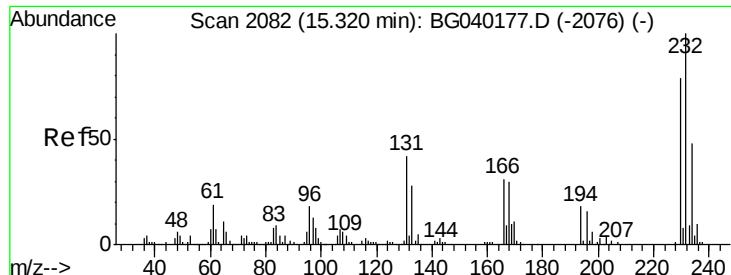


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

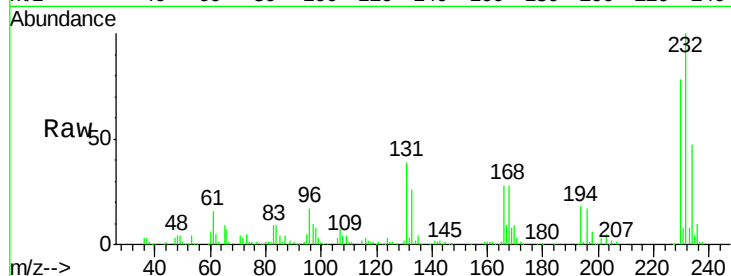




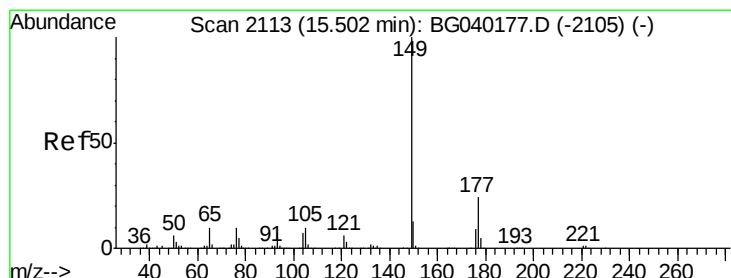
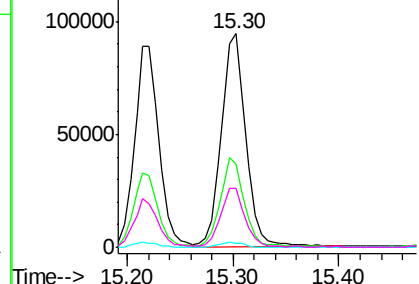
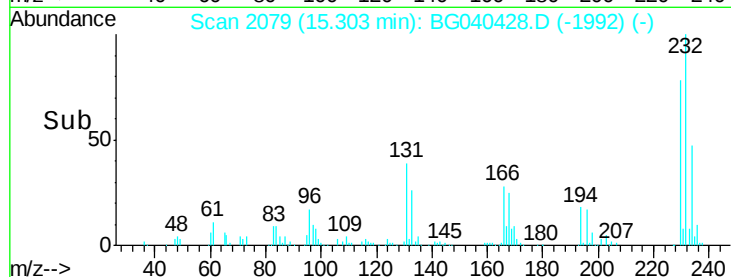
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.157 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.02 min
 Lab File: BG040428.D
 Acq: 10 Apr 2019 23:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	153405
Ion	Ratio	Lower	Upper
232	100		
131	40.2	32.9	49.3
130	2.3	1.8	2.8
166	27.9	23.5	35.3

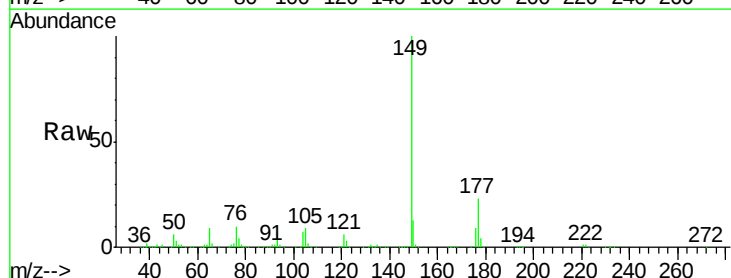


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

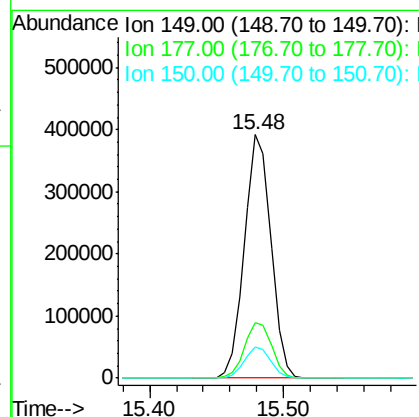
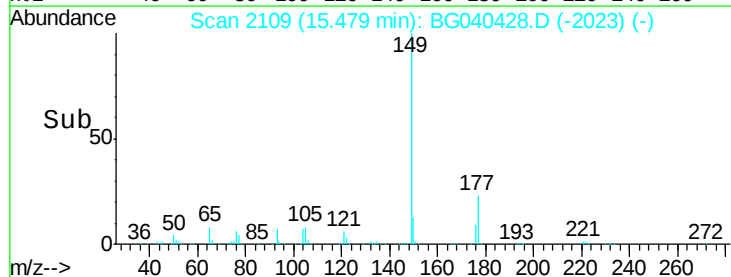


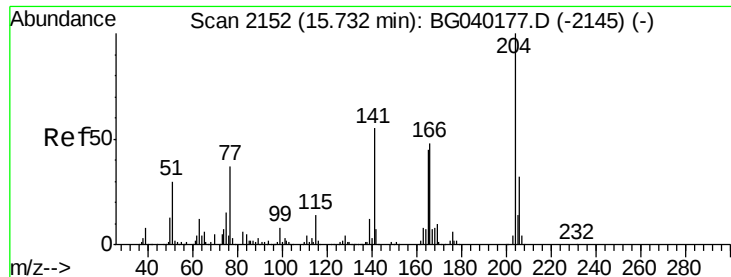
#60
 Diethylphthalate
 Concen: 44.306 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BG040428.D
 Acq: 10 Apr 2019 23:43

Tgt Ion:	149	Resp:	535434
Ion	Ratio	Lower	Upper
149	100		
177	22.9	19.1	28.7
150	12.6	10.6	15.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

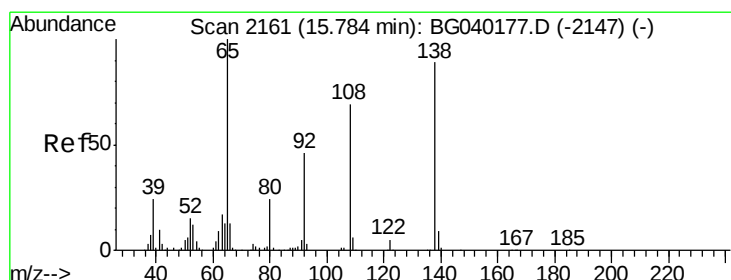
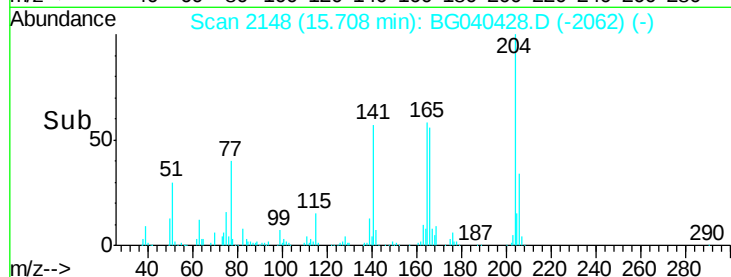
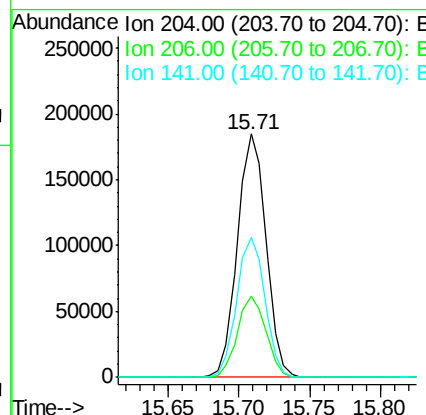
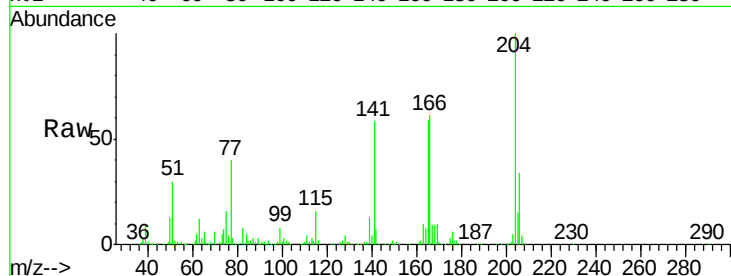




#61
4-Chlorophenyl-phenylether
Concen: 43.463 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.02 min
Lab File: BG040428.D
Acq: 10 Apr 2019 23:43

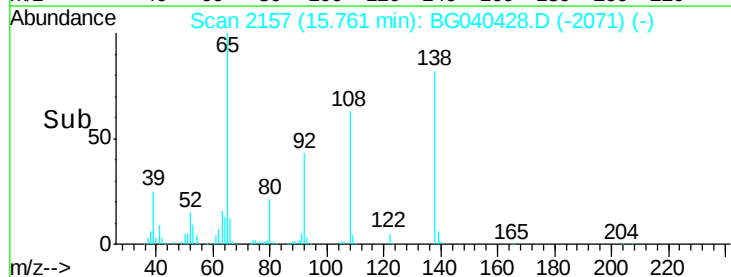
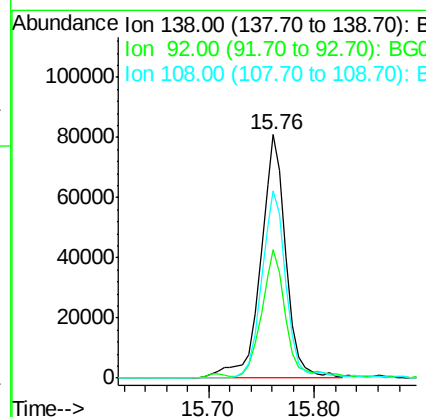
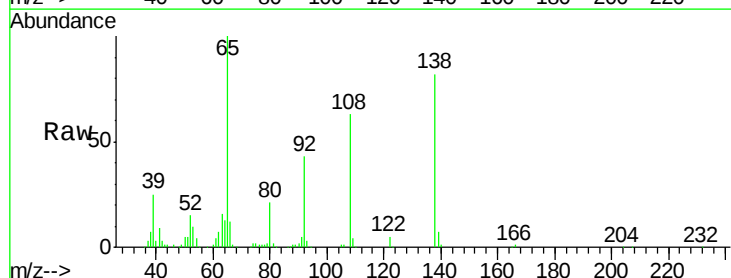
Instrument :
BNA_G
ClientSampleId :

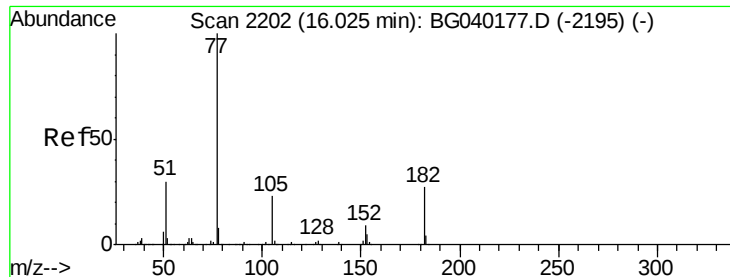
Tot Ion:204 Resp: 260785
Ion Ratio Lower Upper
204 100
206 33.5 25.7 38.5
141 57.5 44.0 66.0



#62
4-Nitroaniline
Concen: 44.694 ng
RT: 15.76 min Scan# 2157
Delta R.T. -0.02 min
Lab File: BG040428.D
Acq: 10 Apr 2019 23:43

Tgt Ion:138 Resp: 134635
Ion Ratio Lower Upper
138 100
92 52.9 31.8 71.8
108 77.2 57.2 97.2

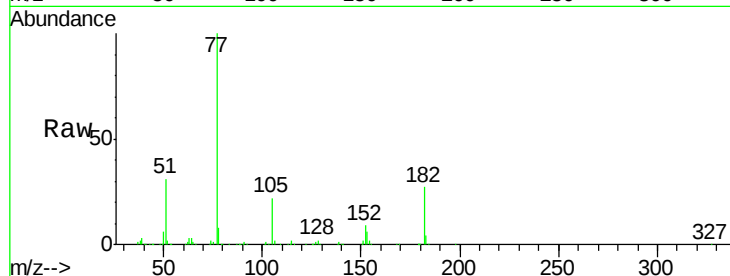




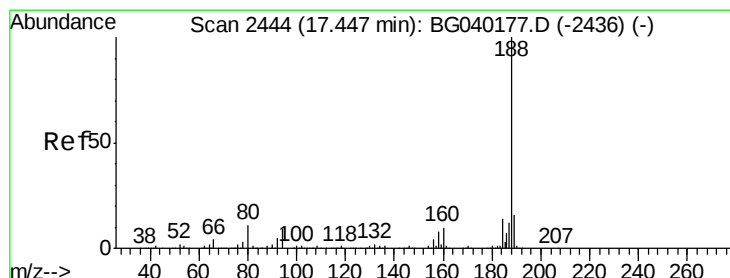
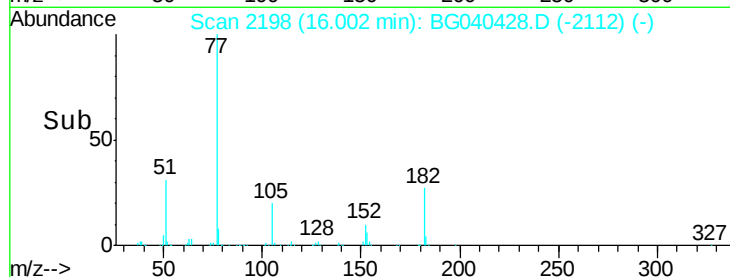
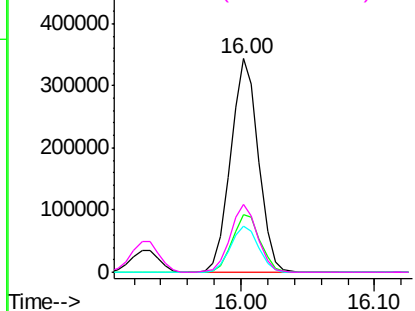
#63
Azobenzene
Concen: 43.440 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BG040428.D
Acq: 10 Apr 2019 23:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	495186
Ion	Ratio	Lower	Upper
77	100		
182	27.1	7.2	47.2
105	21.5	2.8	42.8
51	31.5	10.4	50.4

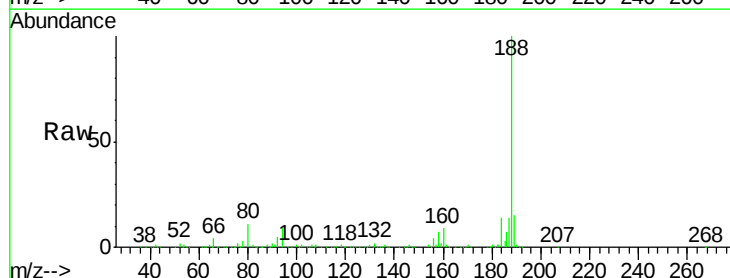


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

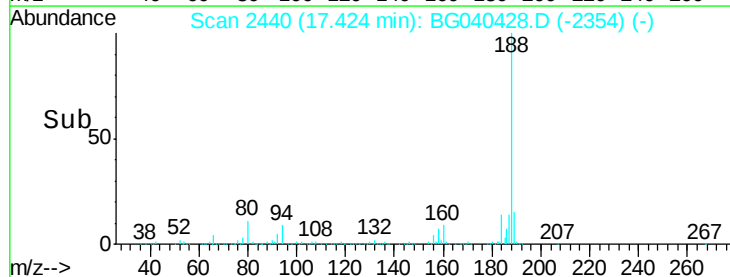
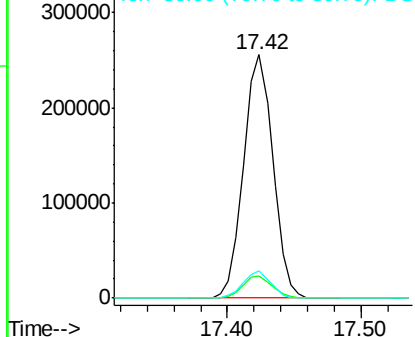


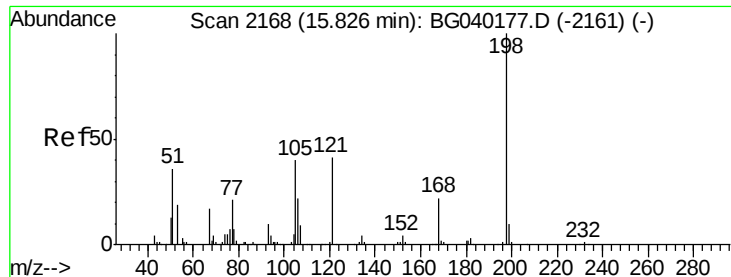
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040428.D
Acq: 10 Apr 2019 23:43

Tgt Ion:	188	Resp:	388147
Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.0	10.4
80	11.0	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

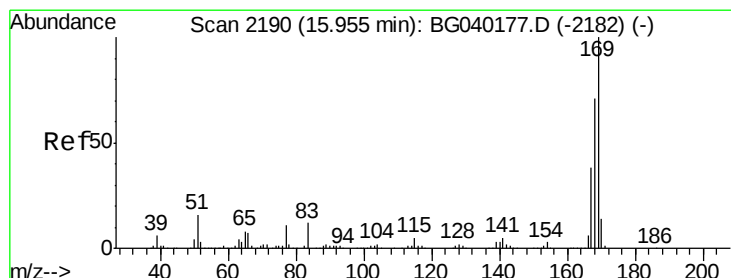
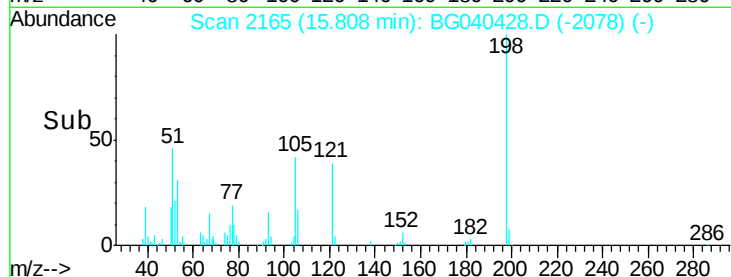
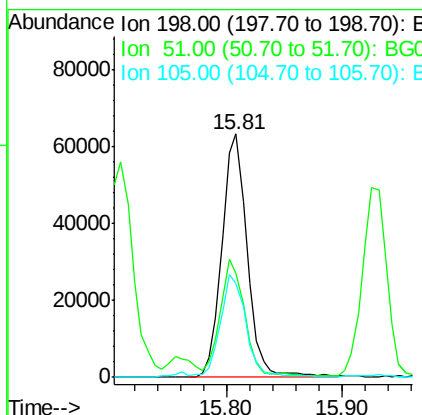
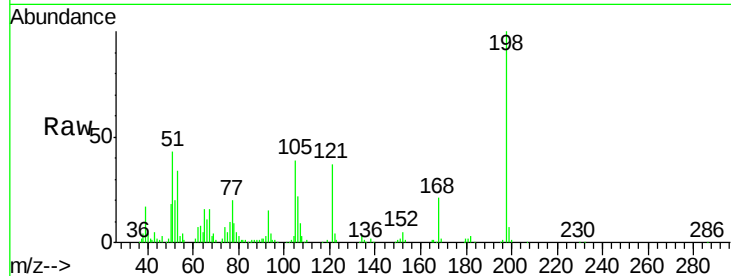




#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.262 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.02 min
 Lab File: BG040428.D
 Acq: 10 Apr 2019 23:43

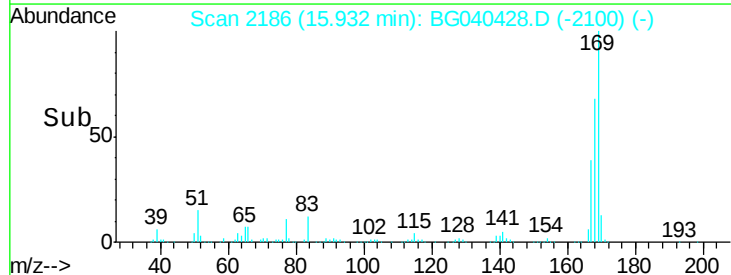
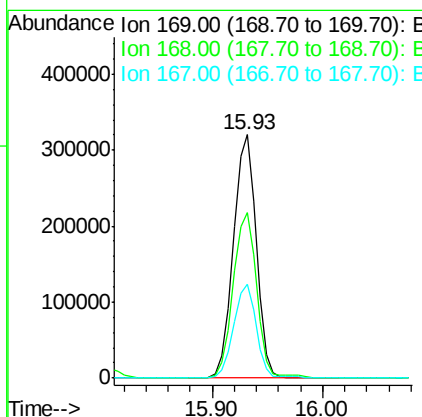
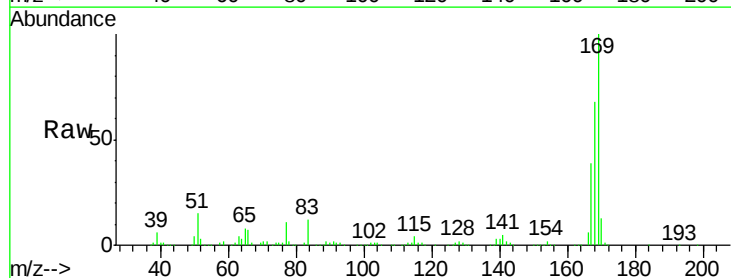
Instrument :
 BNA_G
 ClientSampleId :

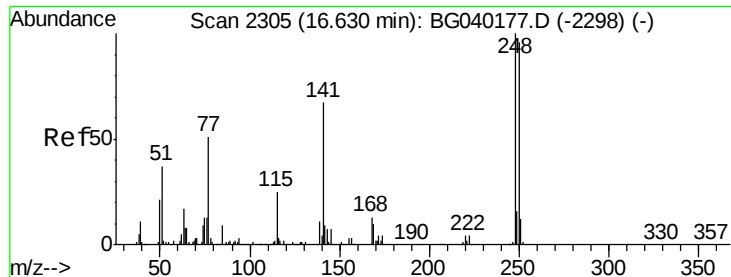
Tot Ion:198 Resp: 96521
 Ion Ratio Lower Upper
 198 100
 51 43.0 27.3 67.3
 105 38.7 21.7 61.7



#66
 n-Nitrosodiphenylamine
 Concen: 41.093 ng
 RT: 15.93 min Scan# 2186
 Delta R.T. -0.02 min
 Lab File: BG040428.D
 Acq: 10 Apr 2019 23:43

Tgt Ion:169 Resp: 466748
 Ion Ratio Lower Upper
 169 100
 168 68.2 56.8 85.2
 167 38.7 30.2 45.4

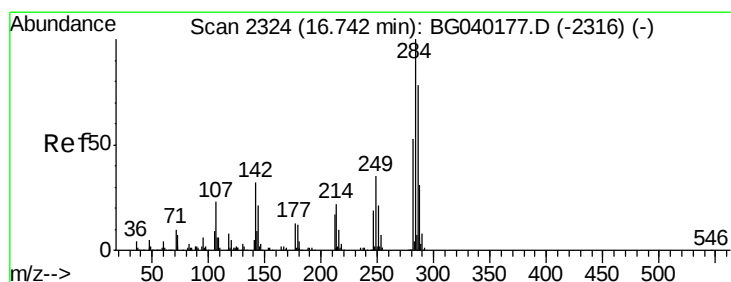
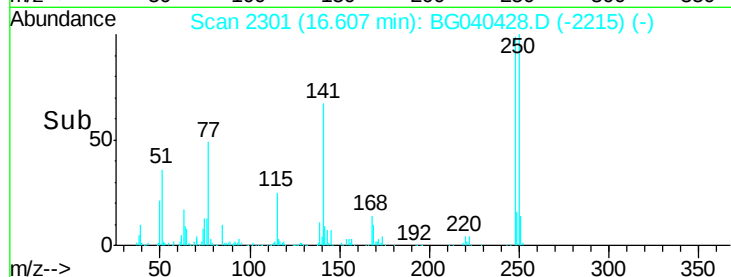
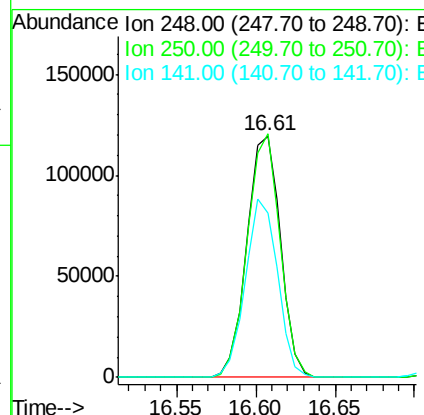
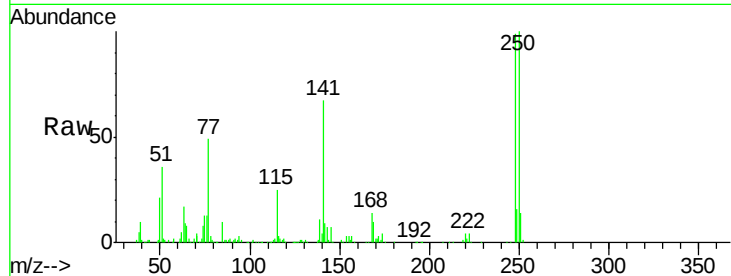




#67
4-Bromophenyl-phenylether
Concen: 40.112 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.02 min
Lab File: BG040428.D
Acq: 10 Apr 2019 23:43

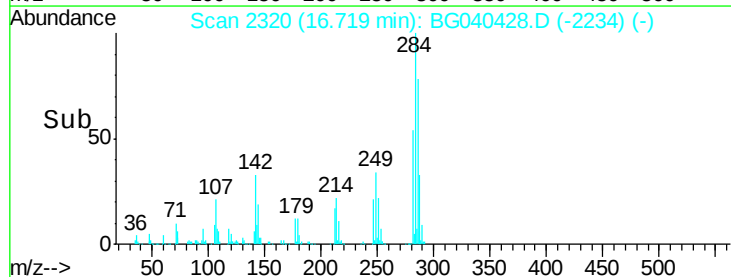
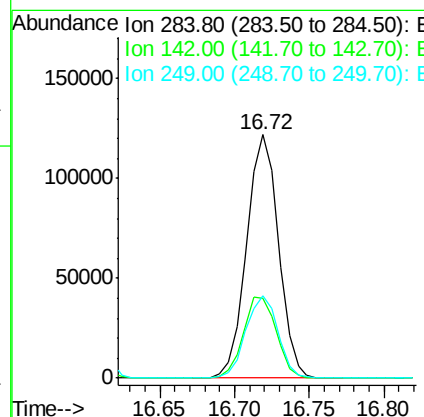
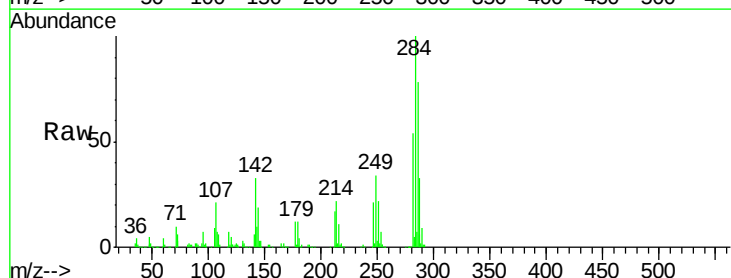
Instrument :
BNA_G
ClientSampleId :

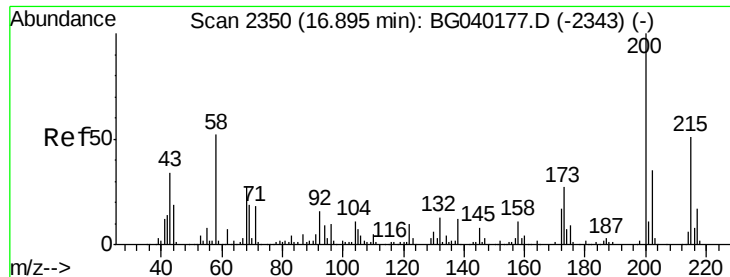
Tot Ion:248 Resp: 175209
Ion Ratio Lower Upper
248 100
250 100.8 76.4 114.6
141 68.0 53.8 80.8



#68
Hexachlorobenzene
Concen: 40.852 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG040428.D
Acq: 10 Apr 2019 23:43

Tgt Ion:284 Resp: 179413
Ion Ratio Lower Upper
284 100
142 32.9 25.3 37.9
249 33.7 28.2 42.2





#69

Atrazine

Concen: 42.620 ng

RT: 16.87 min Scan# 2346

Delta R.T. -0.02 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

Instrument :

BNA_G

ClientSampleId :

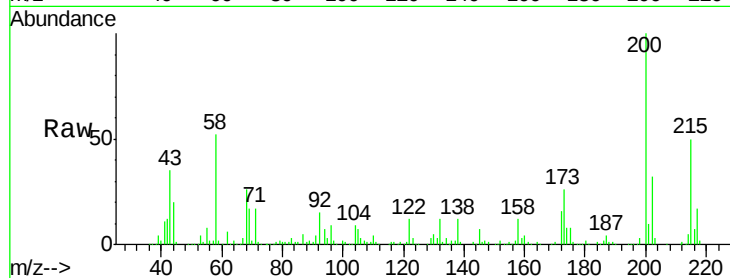
Tot Ion:200 Resp: 180079

Ion Ratio Lower Upper

200 100

173 25.8 7.1 47.1

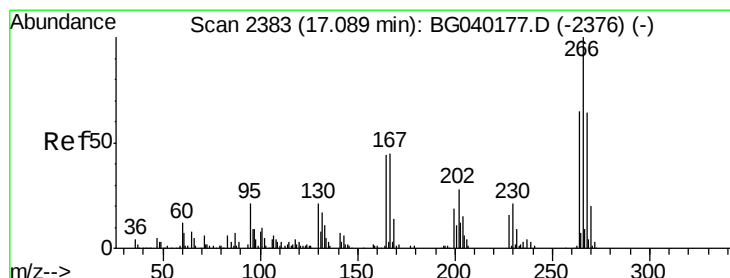
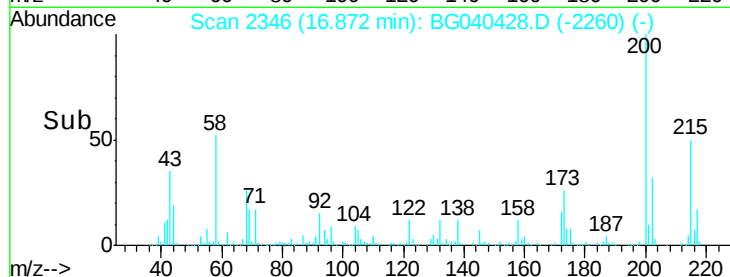
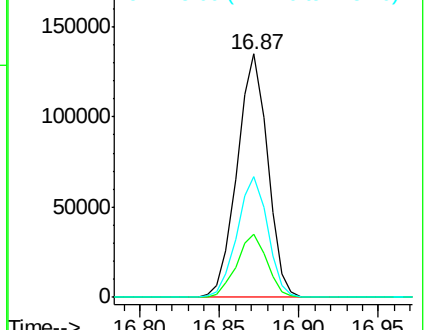
215 49.7 30.9 70.9



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: 82.558 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.02 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

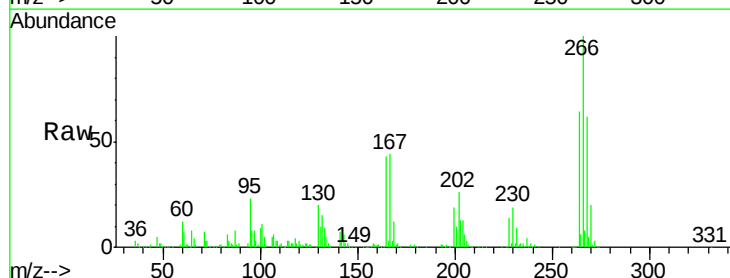
Tgt Ion:266 Resp: 209623

Ion Ratio Lower Upper

266 100

268 62.0 55.0 82.4

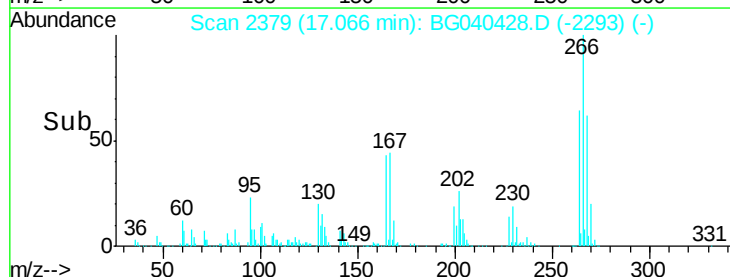
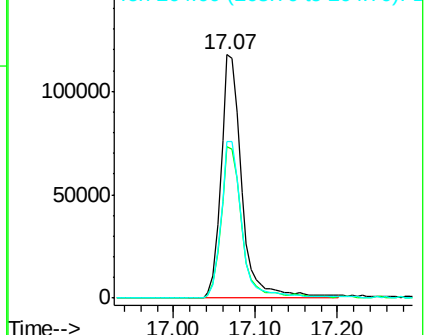
264 64.1 51.8 77.8

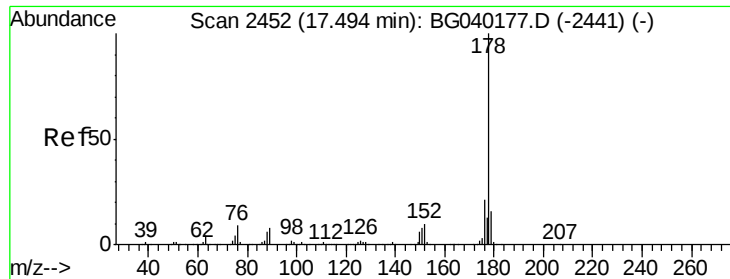


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

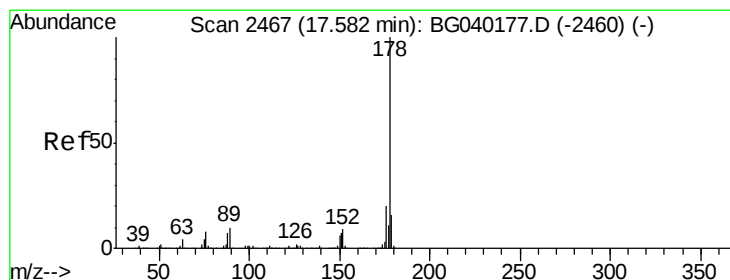
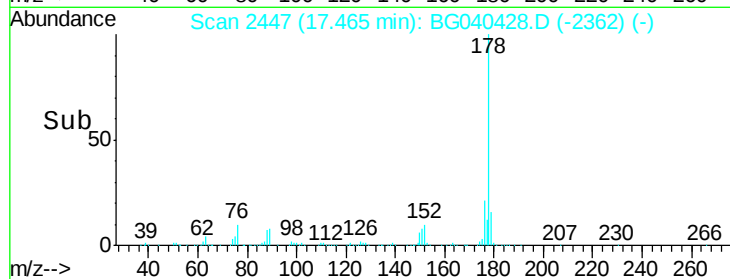
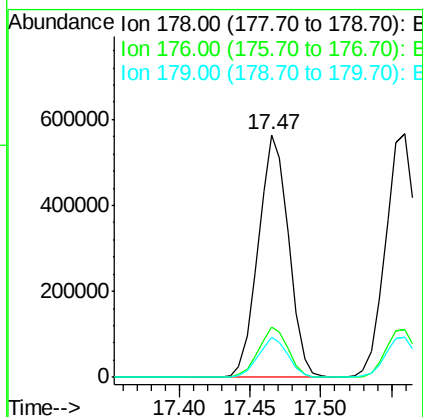
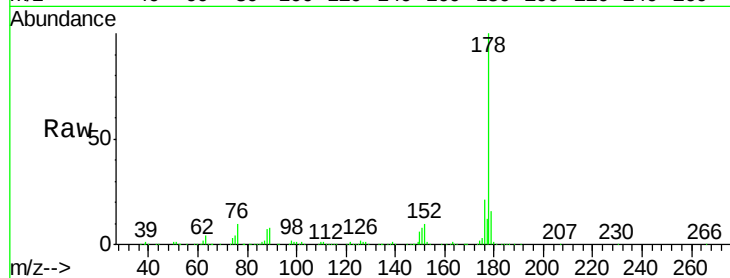




#71
Phenanthrene
Concen: 41.865 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BG040428.D
Acq: 10 Apr 2019 23:43

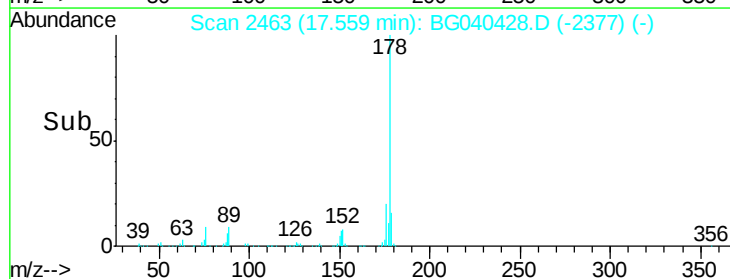
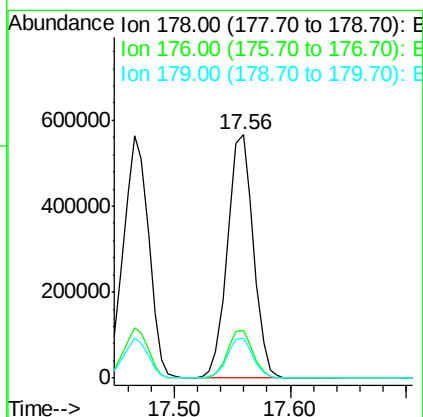
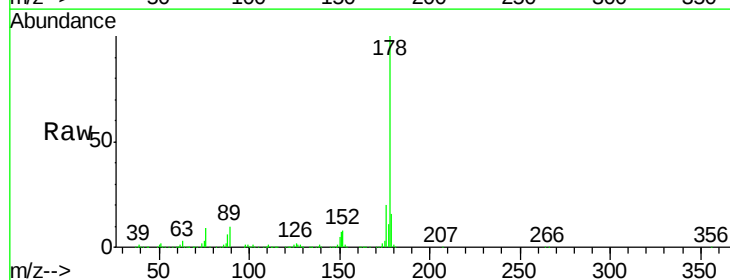
Instrument :
BNA_G
ClientSampleId :

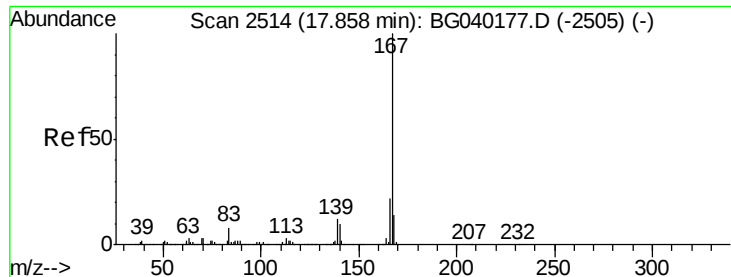
Tot Ion:178 Resp: 854122
Ion Ratio Lower Upper
178 100
176 20.7 16.7 25.1
179 16.4 12.8 19.2



#72
Anthracene
Concen: 42.861 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040428.D
Acq: 10 Apr 2019 23:43

Tgt Ion:178 Resp: 875240
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 16.4 12.9 19.3





#73

Carbazole

Concen: 43.432 ng

RT: 17.84 min Scan# 2510

Delta R.T. -0.02 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

Instrument :

BNA_G

ClientSampleId :

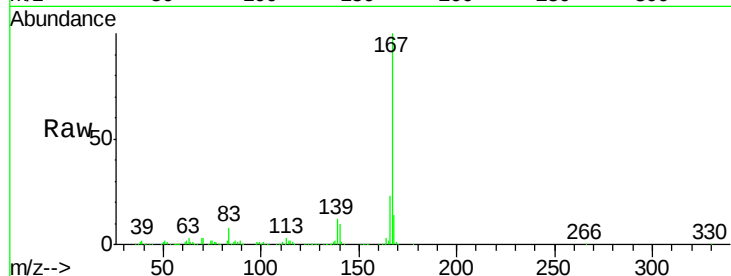
Tot Ion:167 Resp: 839352

Ion Ratio Lower Upper

167 100

166 22.5 17.5 26.3

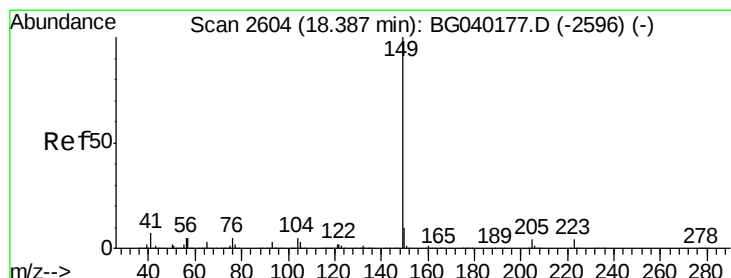
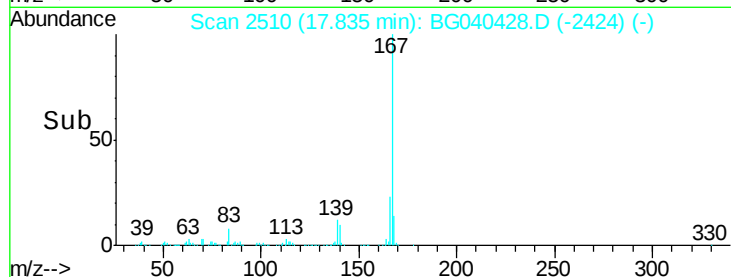
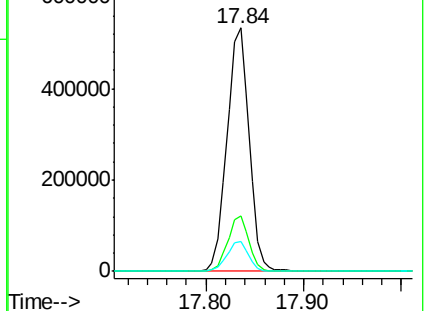
139 12.4 10.0 15.0



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: 43.375 ng

RT: 18.36 min Scan# 2600

Delta R.T. -0.02 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

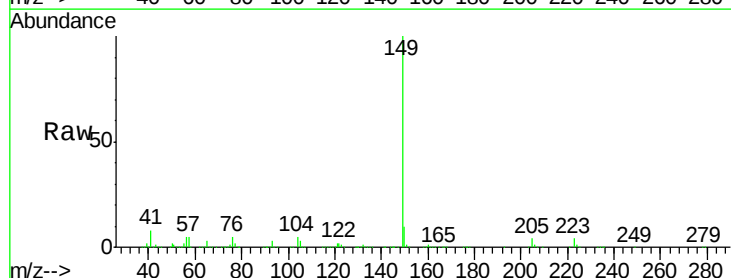
Tgt Ion:149 Resp: 993630

Ion Ratio Lower Upper

149 100

150 10.4 7.9 11.9

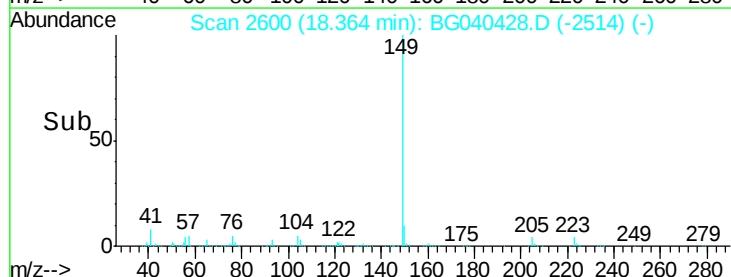
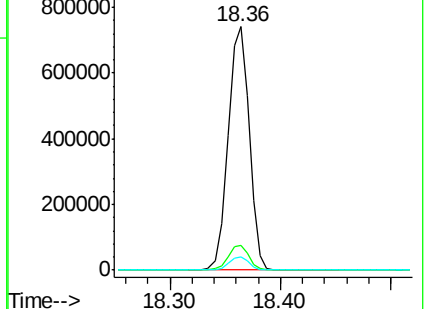
104 5.3 4.1 6.1

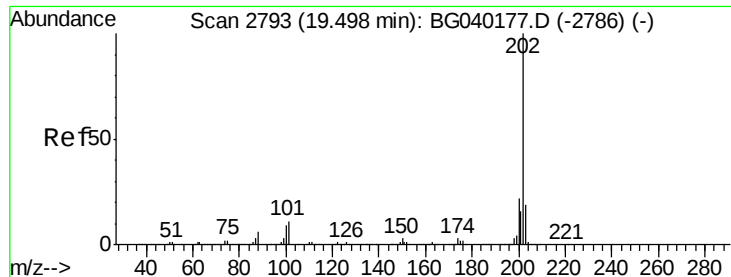


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.087 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.02 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

Instrument :

BNA_G

ClientSampleId :

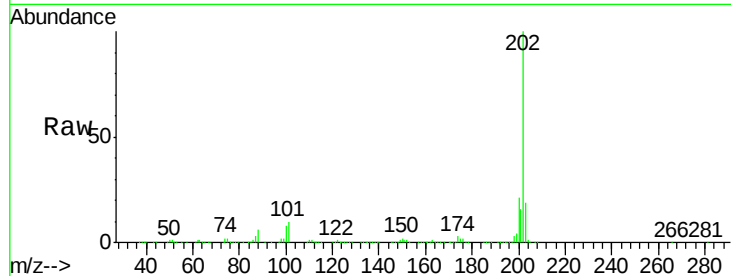
Tot Ion:202 Resp: 1065070

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.8

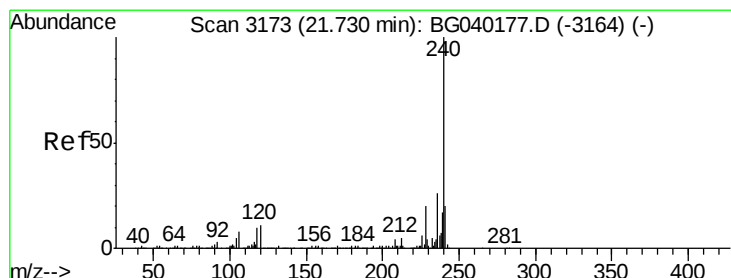
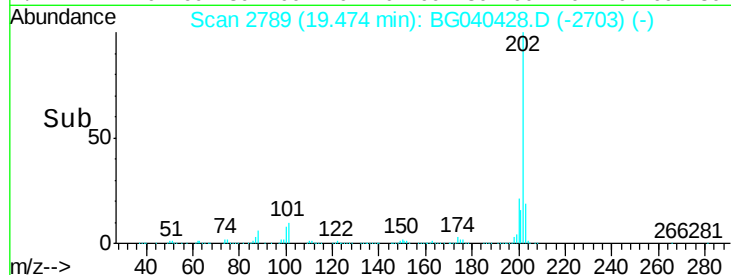
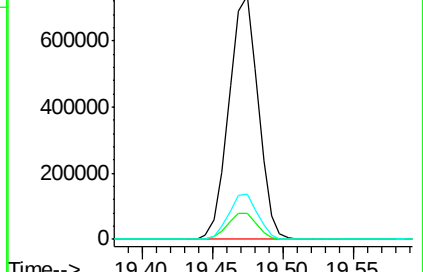
203 18.7 0.0 38.9



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# 3167

Delta R.T. -0.03 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

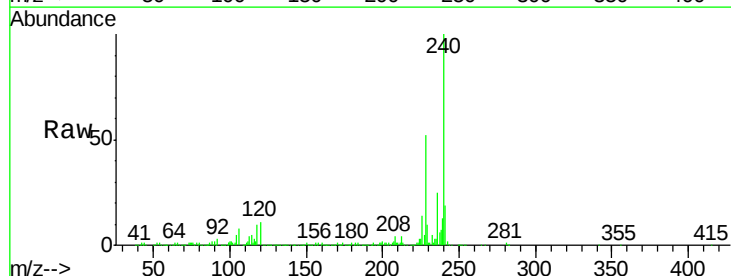
Tgt Ion:240 Resp: 395337

Ion Ratio Lower Upper

240 100

120 10.8 8.4 12.6

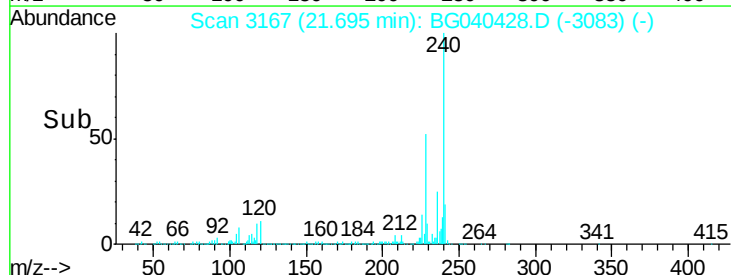
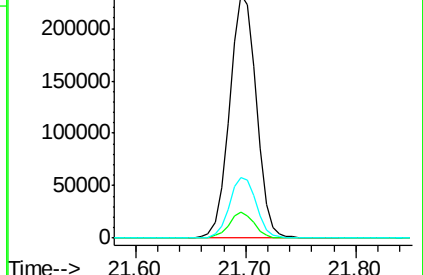
236 25.1 20.8 31.2

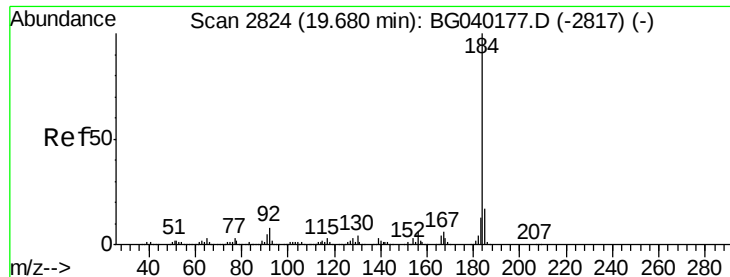


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.449 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

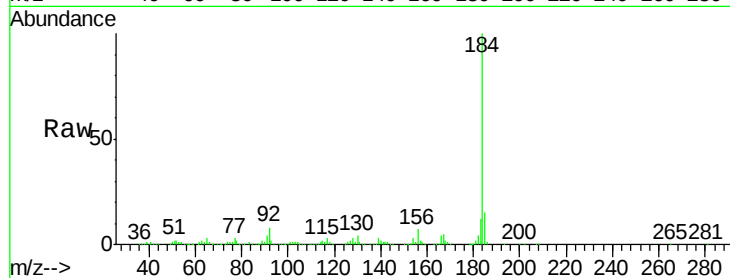
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 391866

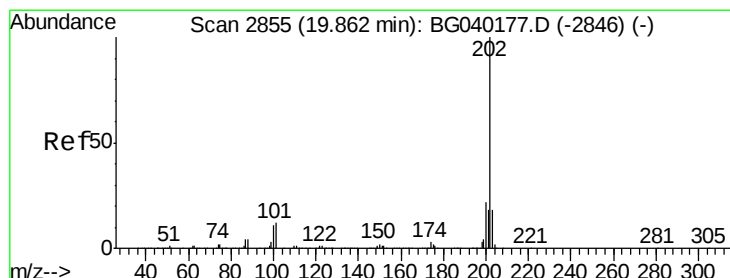
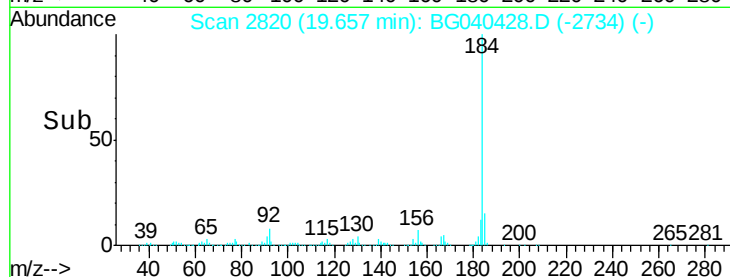
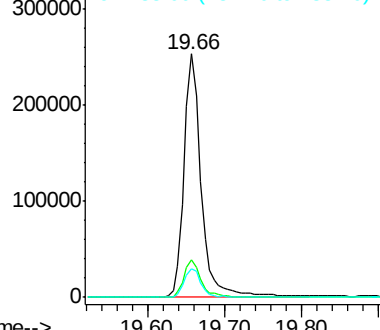
Ion	Ratio	Lower	Upper
184	100		
185	15.4	13.3	19.9
183	11.9	10.3	15.5



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: 40.814 ng

RT: 19.83 min Scan# 2850

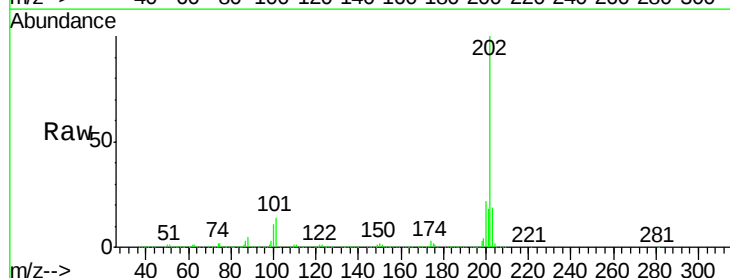
Delta R.T. -0.03 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

Tgt Ion:202 Resp: 1061085

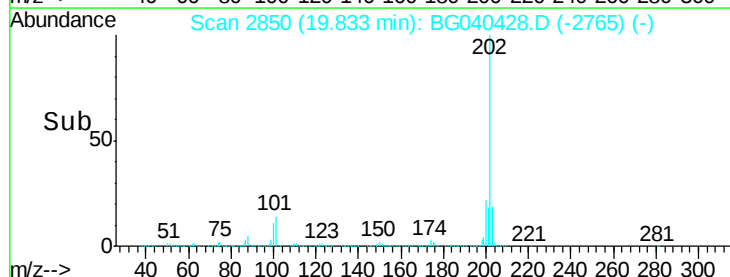
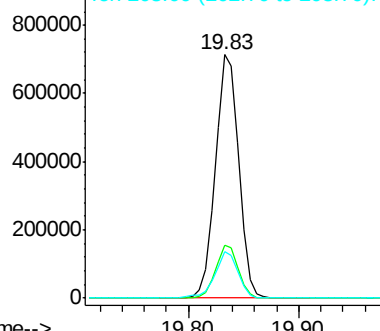
Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.3	25.9
203	19.0	14.6	22.0

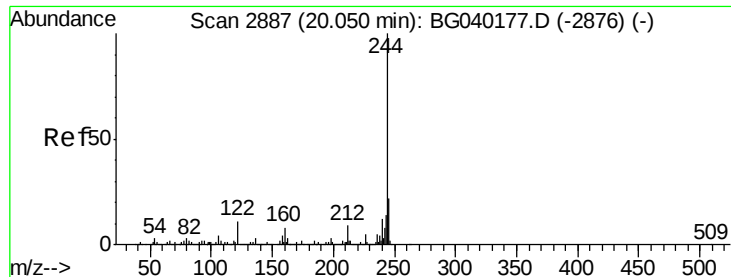


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.274 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

Instrument :

BNA_G

ClientSampleId :

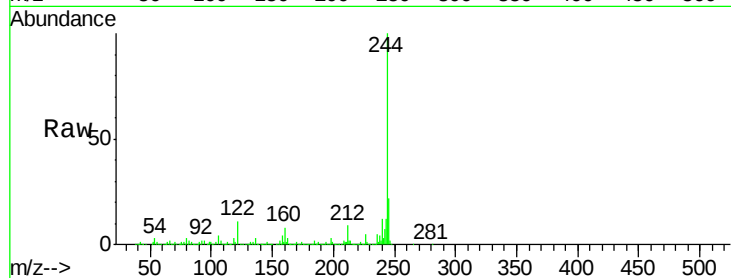
Tot Ion:244 Resp: 1305228

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

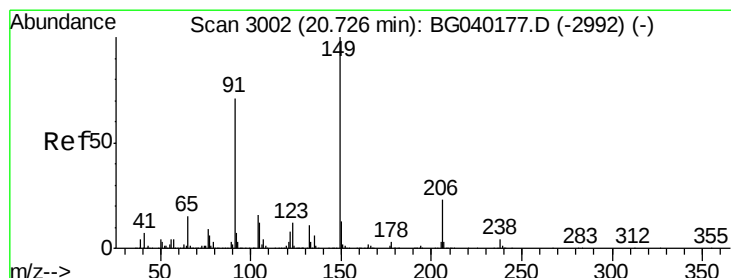
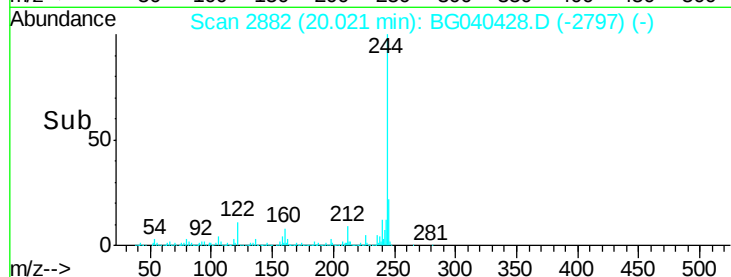
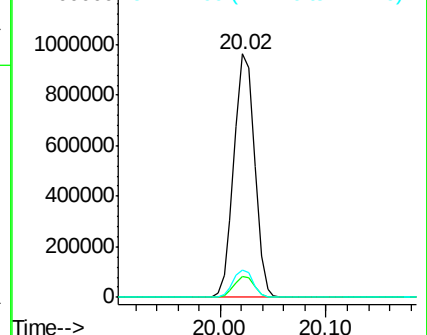
122 11.4 8.5 12.7



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: 43.200 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

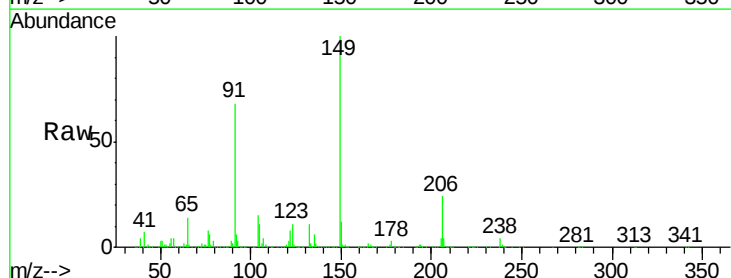
Tgt Ion:149 Resp: 480592

Ion Ratio Lower Upper

149 100

91 67.5 57.0 85.4

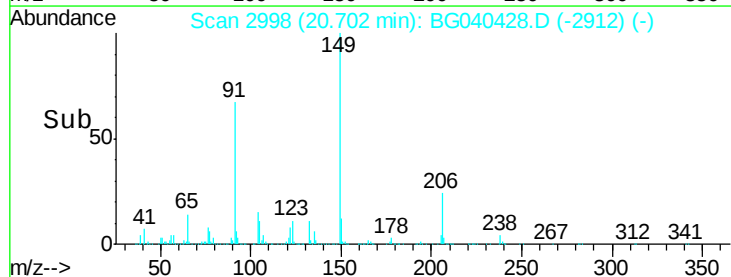
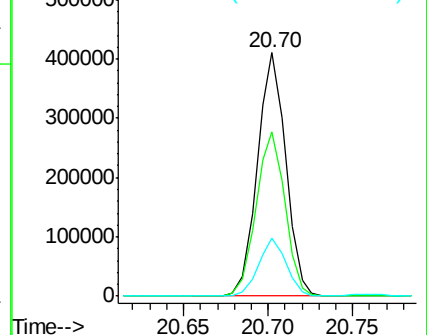
206 23.6 18.2 27.4

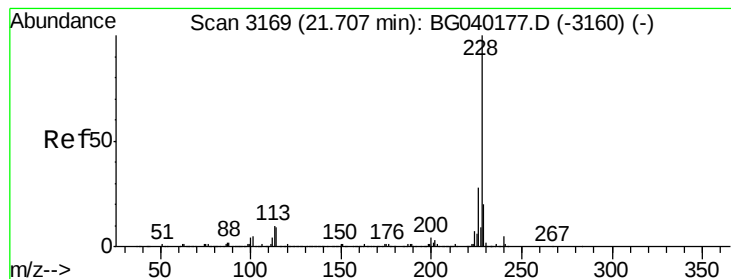


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.927 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

Instrument :

BNA_G

ClientSampleId :

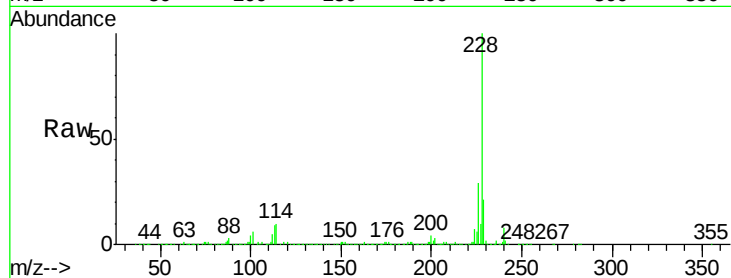
Tot Ion:228 Resp: 972243

Ion Ratio Lower Upper

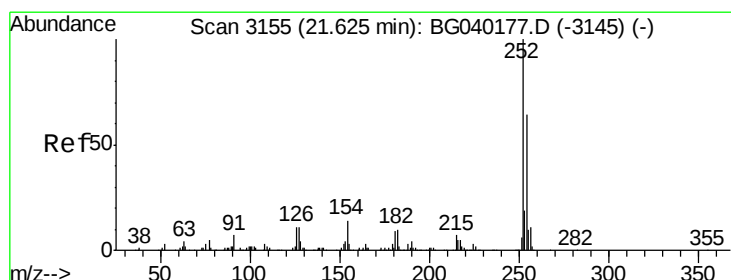
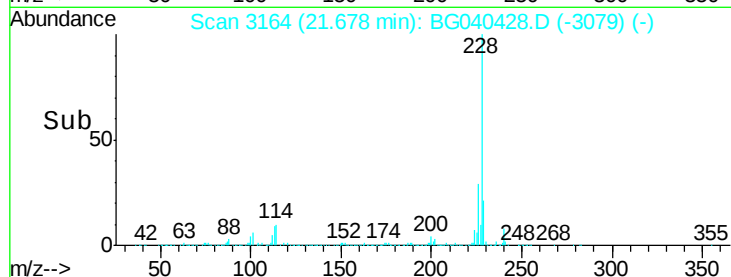
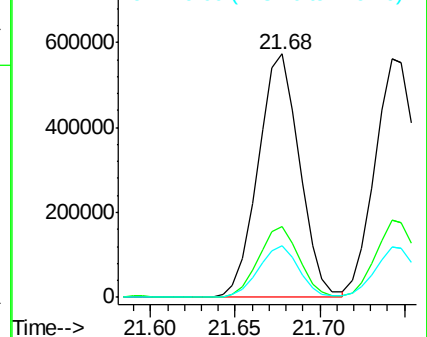
228 100

226 29.3 22.6 34.0

229 21.2 16.1 24.1



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



#82

3,3'-Dichlorobenzidine

Concen: 29.011 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.03 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

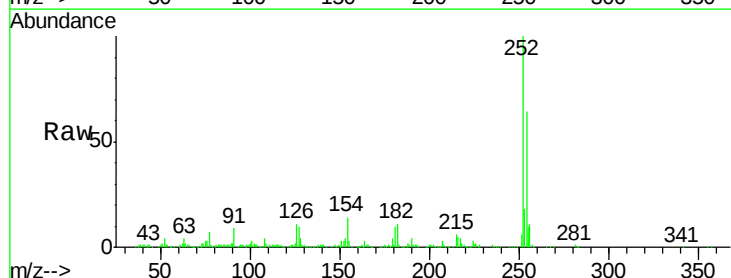
Tgt Ion:252 Resp: 268729

Ion Ratio Lower Upper

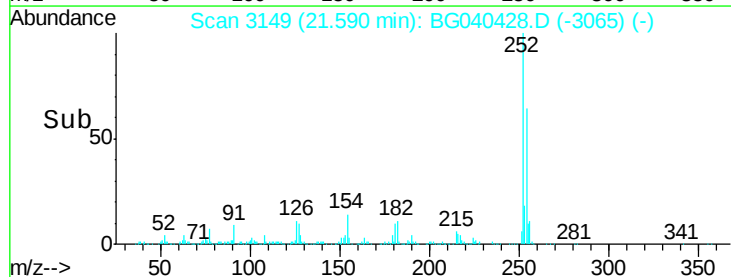
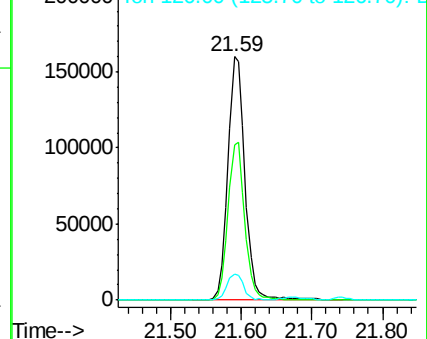
252 100

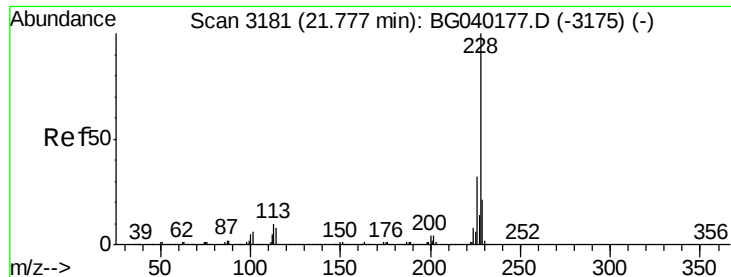
254 63.8 51.4 77.2

126 10.7 8.5 12.7



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

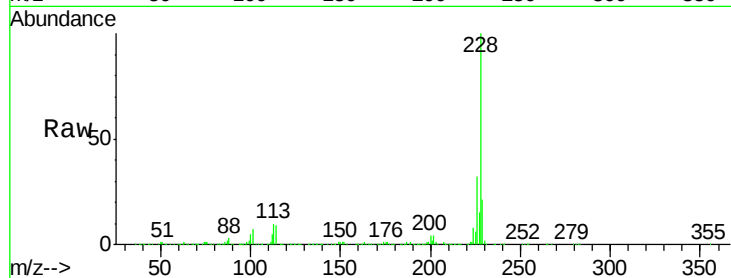




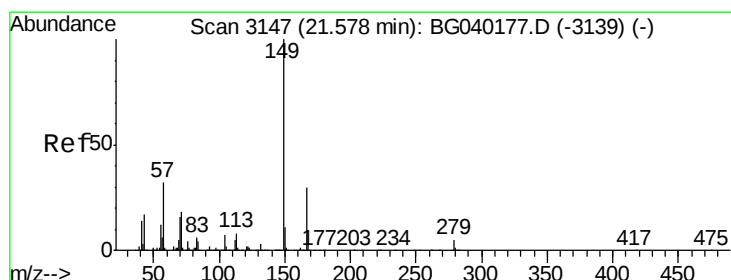
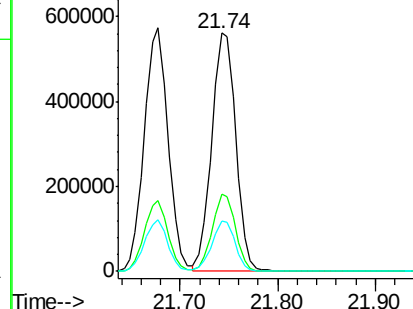
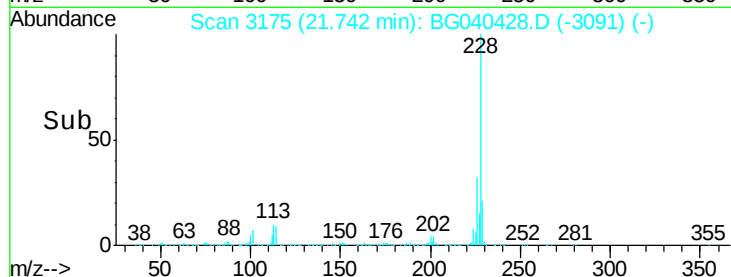
#83
Chrysene
Concen: 40.977 ng
RT: 21.74 min Scan# 3175
Delta R.T. -0.03 min
Lab File: BG040428.D
Acq: 10 Apr 2019 23:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.4	38.0
229	21.3	17.0	25.4

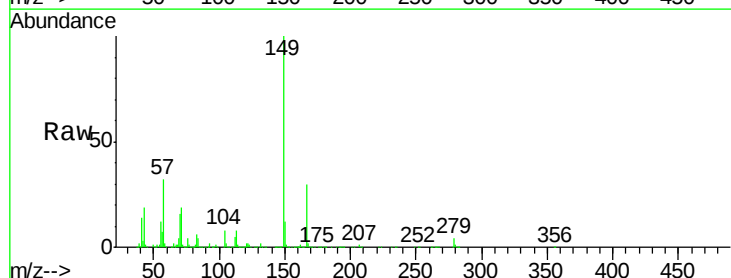


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

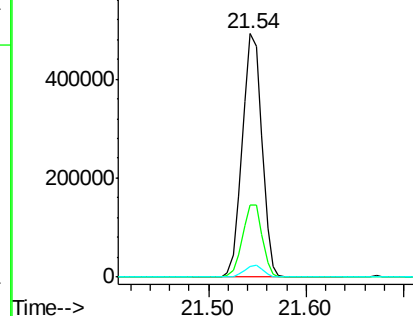
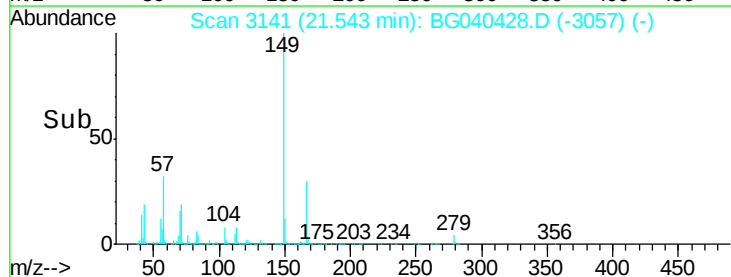


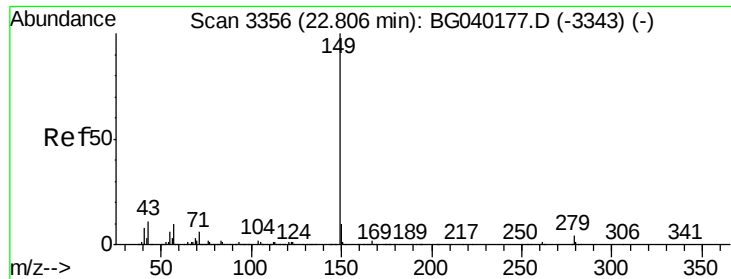
#84
Bis(2-ethylhexyl)phthalate
Concen: 43.222 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.03 min
Lab File: BG040428.D
Acq: 10 Apr 2019 23:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.7	24.1	36.1
279	4.4	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: 43.703 ng

RT: 22.76 min Scan# 3349

Delta R.T. -0.04 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

Instrument :

BNA_G

ClientSampled :

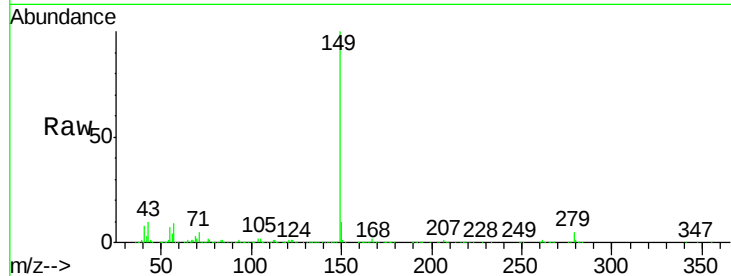
Tot Ion:149 Resp: 1184086

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

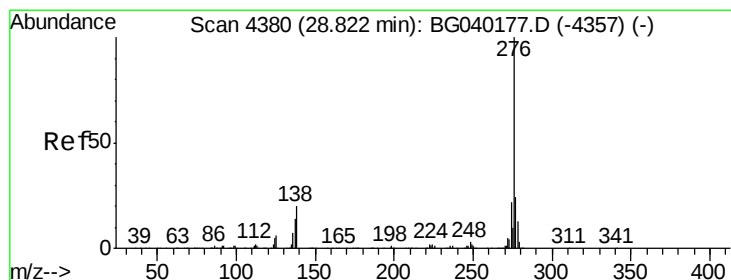
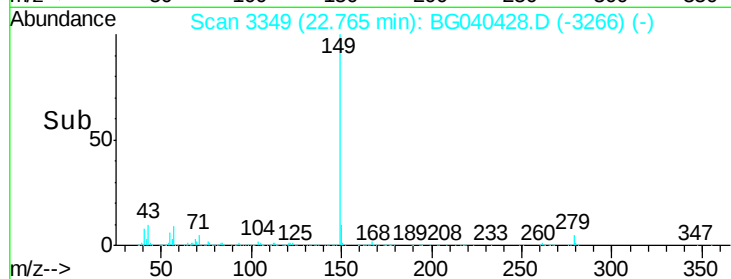
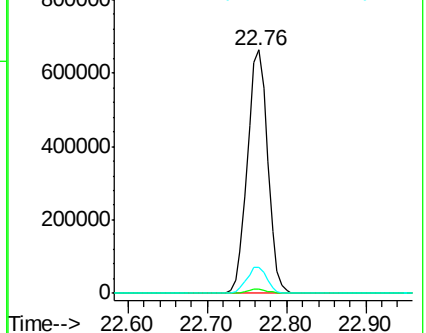
43 10.5 8.7 13.1



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: 41.348 ng

RT: 28.74 min Scan# 4366

Delta R.T. -0.08 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

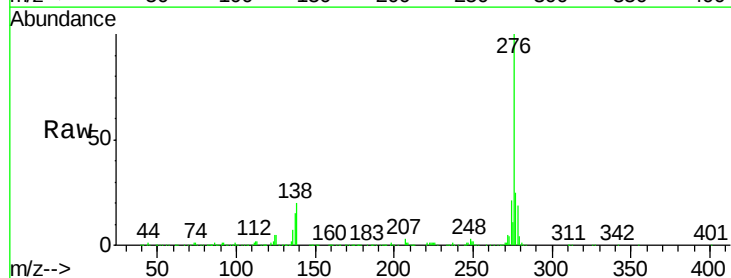
Tgt Ion:276 Resp: 1183490

Ion Ratio Lower Upper

276 100

138 23.3 18.8 28.2

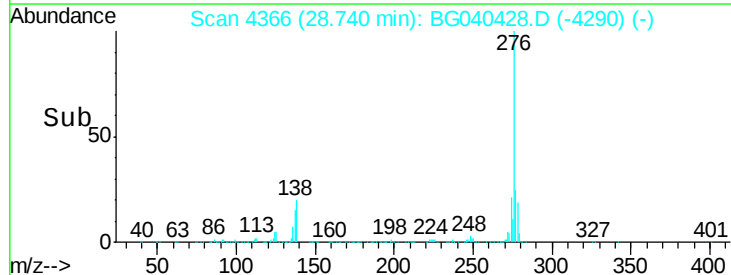
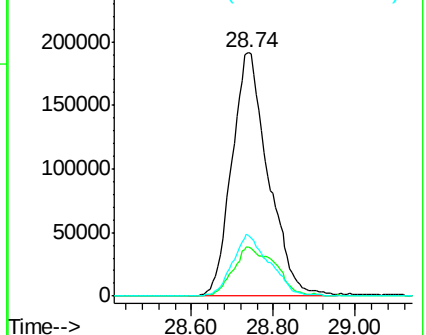
277 25.7 21.0 31.4

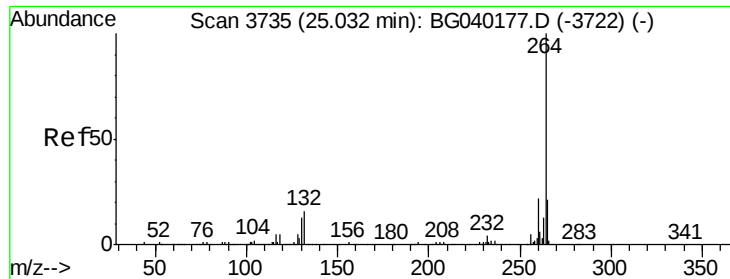


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

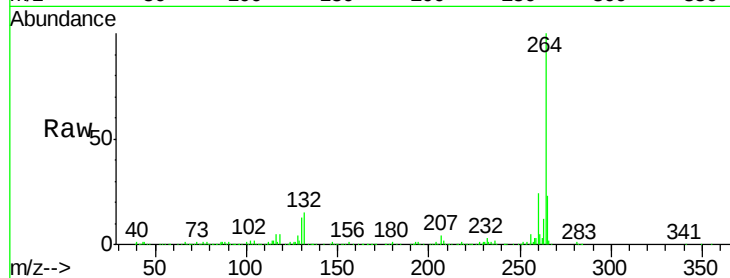




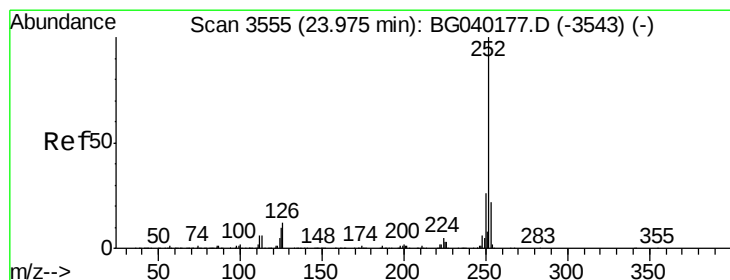
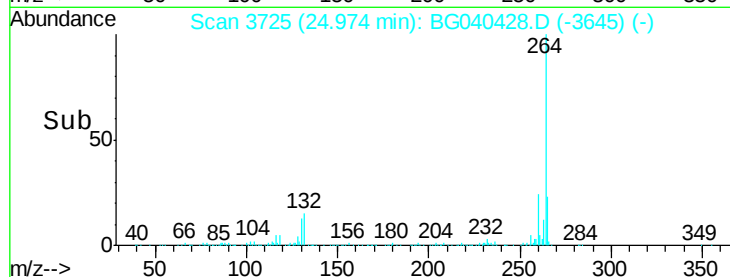
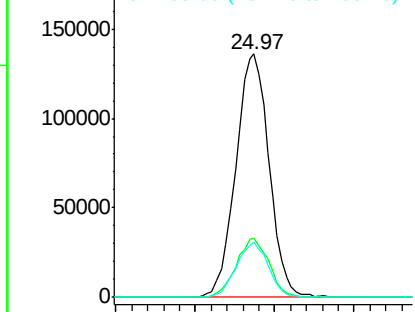
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3725
Delta R.T. -0.06 min
Lab File: BG040428.D
Acq: 10 Apr 2019 23:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 395314
Ion Ratio Lower Upper
264 100
260 24.1 17.9 26.9
265 22.9 16.8 25.2

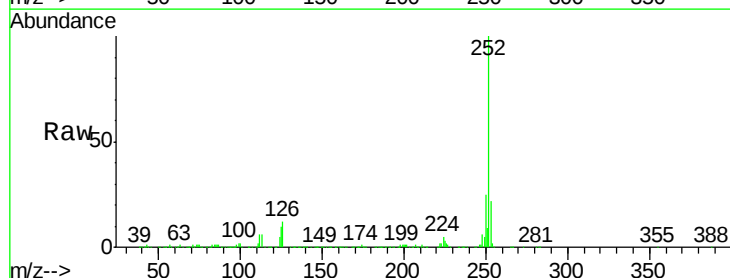


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

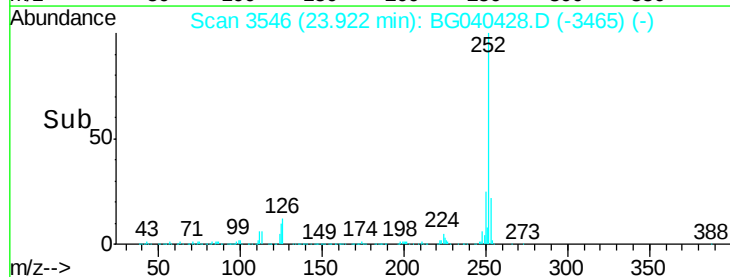
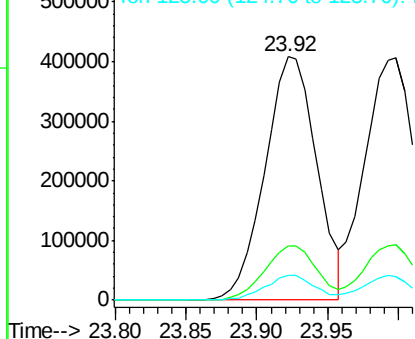


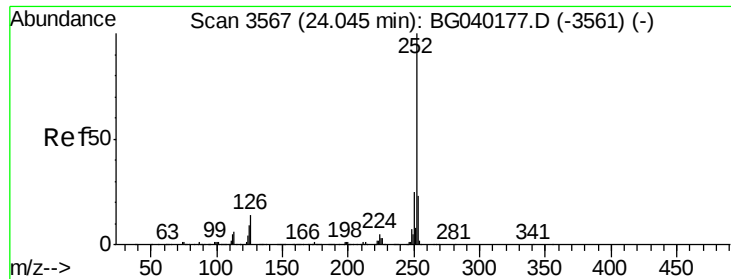
#88
Benzo(b)fluoranthene
Concen: 43.105 ng
RT: 23.92 min Scan# 3546
Delta R.T. -0.05 min
Lab File: BG040428.D
Acq: 10 Apr 2019 23:43

Tgt Ion:252 Resp: 1043261
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 10.2 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: 45.687 ng

RT: 24.00 min Scan# 3559

Delta R.T. -0.05 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

Instrument :

BNA_G

ClientSampleId :

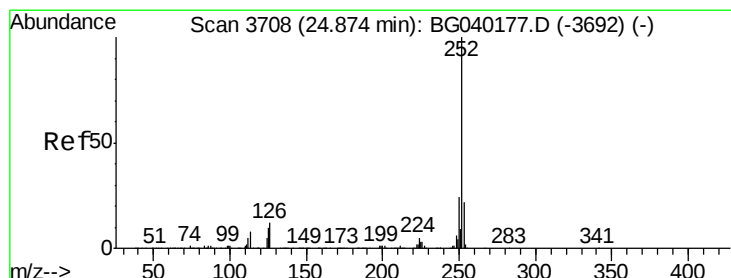
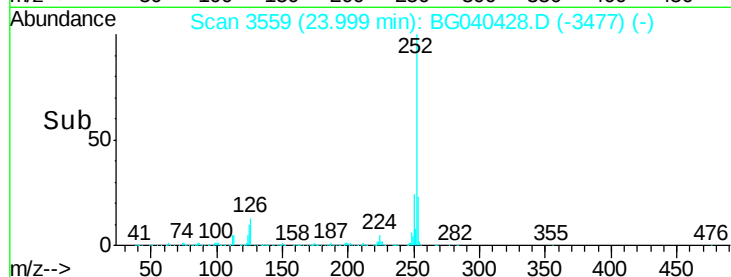
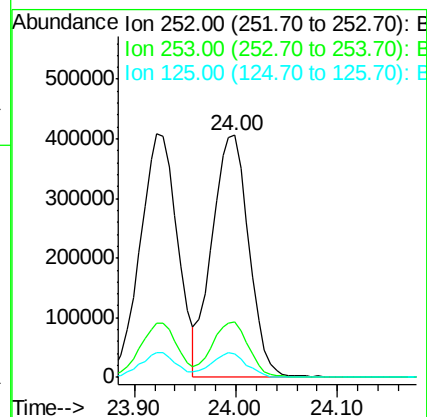
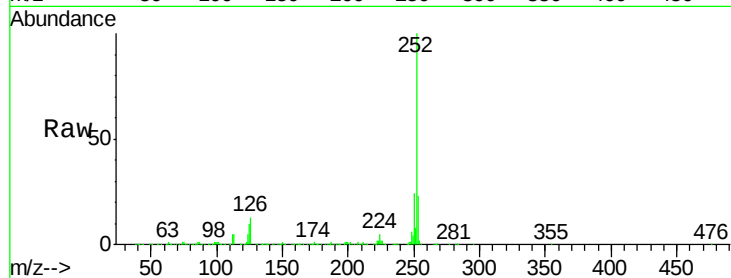
Tot Ion:252 Resp: 1016860

Ion Ratio Lower Upper

252 100

253 23.0 18.6 28.0

125 9.7 7.3 10.9



#90

Benzo(a)pyrene

Concen: 44.930 ng

RT: 24.82 min Scan# 3699

Delta R.T. -0.05 min

Lab File: BG040428.D

Acq: 10 Apr 2019 23:43

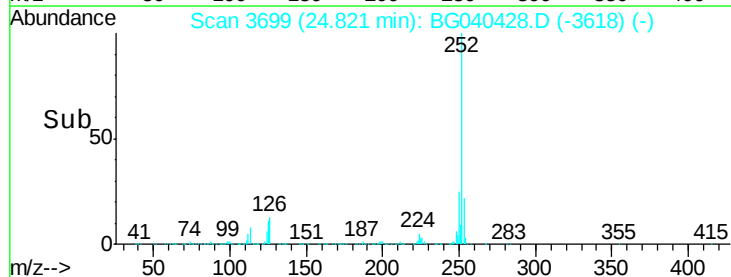
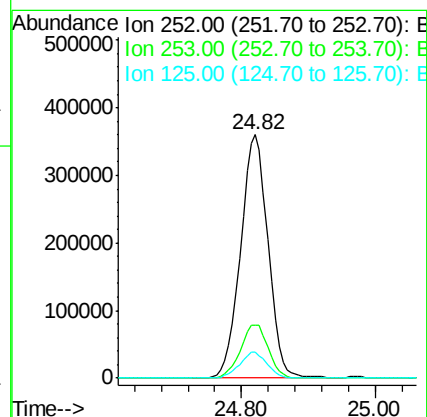
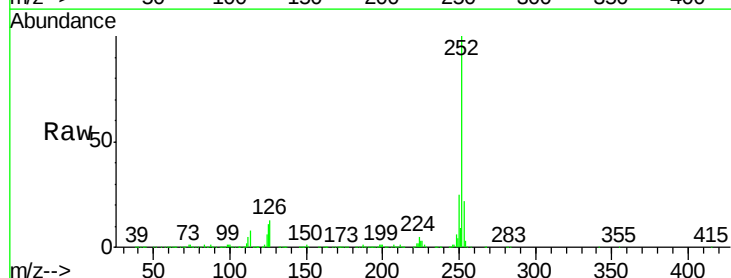
Tgt Ion:252 Resp: 1020291

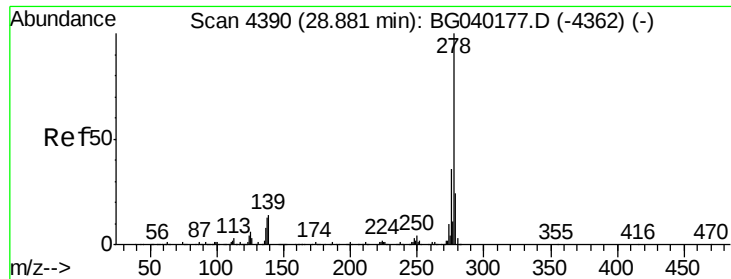
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 10.5 8.3 12.5

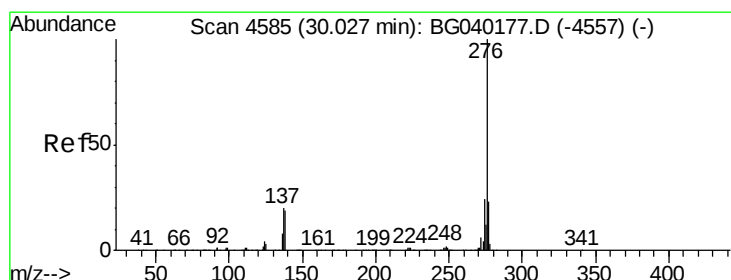
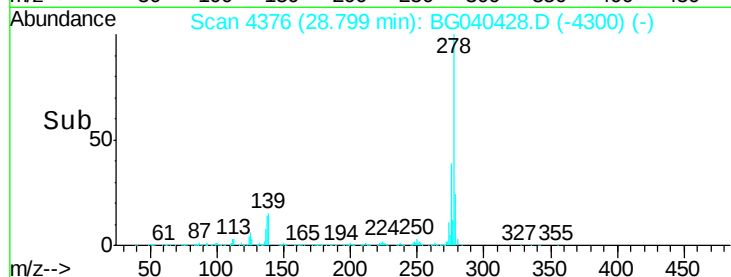
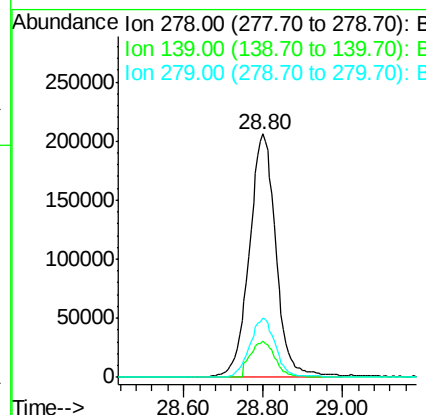
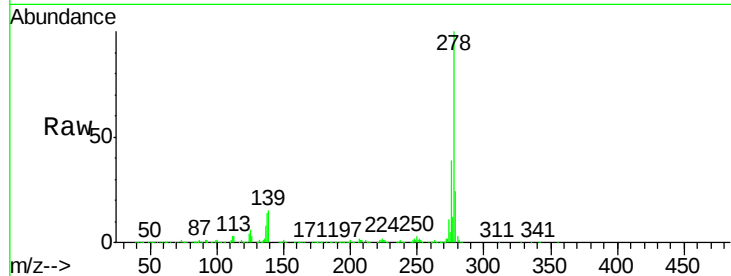




#91
Dibenzo(a,h)anthracene
Concen: 45.659 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.08 min
Lab File: BG040428.D
Acq: 10 Apr 2019 23:43

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.2	16.8
279	24.4	18.9	28.3



#92
Benzo(g,h,i)perylene
Concen: 45.299 ng
RT: 29.92 min Scan# 4567
Delta R.T. -0.11 min
Lab File: BG040428.D
Acq: 10 Apr 2019 23:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	28.0
138	19.5	15.2	22.8

