

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040319\
 Data File : BG040328.D
 Acq On : 3 Apr 2019 16:23
 Operator : JU/SJ
 Sample : PB118462BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 01:23:08 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	48463	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	190854	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	119977	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	324377	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	380770	20.00	ng	-0.03
87) Perylene-d12	24.99	264	372397	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	382837	131.32	ng	-0.01
7) Phenol-d6	7.20	99	506070	125.61	ng	-0.02
23) Nitrobenzene-d5	9.22	82	308152	85.82	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	209501	161.57	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	706415	87.24	ng	-0.02
79) Terphenyl-d14	20.03	244	1375327	81.26	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.49	88	54822	39.993	ng	99
3) Pyridine	3.90	79	134452	36.429	ng	96
4) n-Nitrosodimethylamine	3.81	42	60802	35.614	ng	# 97
6) Aniline	7.37	93	138209	26.404	ng	96
8) 2-Chlorophenol	7.61	128	130362	38.201	ng	98
9) Benzaldehyde	7.19	77	88595	32.058	ng	96
10) Phenol	7.23	94	171808	39.288	ng	95
11) bis(2-Chloroethyl)ether	7.47	93	128233	36.612	ng	96
12) 1,3-Dichlorobenzene	7.94	146	144642	38.991	ng	96
13) 1,4-Dichlorobenzene	8.08	146	144411	39.086	ng	99
14) 1,2-Dichlorobenzene	8.40	146	133433	37.765	ng	97
15) Benzyl Alcohol	8.29	79	115833	35.700	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	238003	35.406	ng	99
17) 2-Methylphenol	8.49	107	115800	38.268	ng	97
18) Hexachloroethane	9.12	117	51020	36.303	ng	99
19) n-Nitroso-di-n-propylamine	8.85	70	100739	34.875	ng	98
20) 3+4-Methylphenols	8.82	107	159345	38.871	ng	96
22) Acetophenone	8.88	105	195469	41.058	ng	# 99
24) Nitrobenzene	9.27	77	147024	39.542	ng	97
25) Isophorone	9.78	82	285754	38.678	ng	99
26) 2-Nitrophenol	9.98	139	72161	40.958	ng	98
27) 2,4-Dimethylphenol	10.02	122	128018	45.744	ng	93
28) bis(2-Chloroethoxy)methane	10.26	93	171732	39.290	ng	96
29) 2,4-Dichlorophenol	10.51	162	133602	43.982	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	136051	40.790	ng	99
31) Naphthalene	10.92	128	401364	41.028	ng	98
32) Benzoic acid	10.12	122	25942	15.342	ng	91
33) 4-Chloroaniline	11.03	127	102775	24.630	ng	98
34) Hexachlorobutadiene	11.18	225	84576	39.648	ng	94
35) Caprolactam	11.80	113	23230	19.271	ng	96
36) 4-Chloro-3-methylphenol	12.14	107	155064	44.404	ng	95
37) 2-Methylnaphthalene	12.52	142	300764	41.570	ng	99
38) 1-Methylnaphthalene	12.73	142	284156	40.502	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	153373	40.221	ng	99

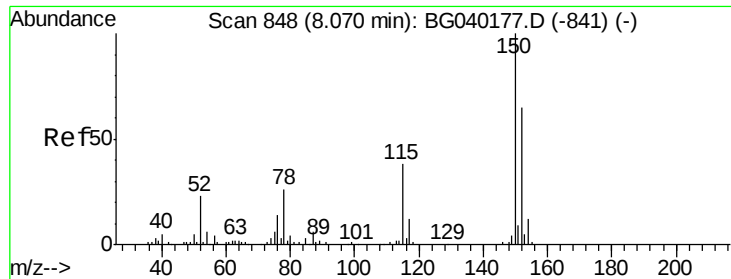
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040319\
 Data File : BG040328.D
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	183461	87.622	ng	95
43) 2,4,6-Trichlorophenol	13.12	196	112601	45.800	ng	98
44) 2,4,5-Trichlorophenol	13.19	196	129042	48.154	ng	98
46) 1,1'-Biphenyl	13.51	154	382172	40.315	ng	99
47) 2-Chloronaphthalene	13.57	162	299028	41.123	ng	99
48) 2-Nitroaniline	13.78	65	104509	42.609	ng	97
49) Acenaphthylene	14.41	152	506589	41.090	ng	99
50) Dimethylphthalate	14.13	163	407809	43.431	ng	99
51) 2,6-Dinitrotoluene	14.27	165	91427	43.364	ng	97
52) Acenaphthene	14.75	154	291597	41.276	ng	96
53) 3-Nitroaniline	14.60	138	68822	30.837	ng	97
54) 2,4-Dinitrophenol	14.81	184	79341	70.760	ng	93
55) Dibenzofuran	15.08	168	481888	42.450	ng	98
56) 4-Nitrophenol	14.90	139	178088	98.870	ng	98
57) 2,4-Dinitrotoluene	15.05	165	134951	46.065	ng	97
58) Fluorene	15.73	166	387914	43.464	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.31	232	125740	51.708	ng	99
60) Diethylphthalate	15.48	149	443371	46.143	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	208163	43.634	ng	98
62) 4-Nitroaniline	15.76	138	113994	47.595	ng	94
63) Azobenzene	16.01	77	385482	42.532	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	69150	37.944	ng	99
66) n-Nitrosodiphenylamine	15.93	169	372947	39.290	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	137428	37.648	ng	98
68) Hexachlorobenzene	16.72	284	144507	39.372	ng	96
69) Atrazine	16.87	200	142742	40.425	ng	98
70) Pentachlorophenol	17.07	266	159678	75.251	ng	96
71) Phenanthrene	17.47	178	710246	41.657	ng	99
72) Anthracene	17.56	178	723938	42.421	ng	99
73) Carbazole	17.84	167	719758	44.565	ng	99
74) Di-n-butylphthalate	18.37	149	874235	45.666	ng	100
75) Fluoranthene	19.48	202	941461	46.632	ng	99
77) Benzidine	19.66	184	444577	32.333	ng	98
78) Pyrene	19.84	202	945909	37.776	ng	99
80) Butylbenzylphthalate	20.71	149	443392	41.381	ng	99
81) Benzo(a)anthracene	21.68	228	901215	38.426	ng	98
82) 3,3'-Dichlorobenzidine	21.60	252	203178	22.773	ng	100
83) Chrysene	21.75	228	891658	39.559	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	627822	40.990	ng	99
85) Di-n-octyl phthalate	22.77	149	1069608	40.988	ng	99
86) Indeno(1,2,3-cd)pyrene	28.75	276	1089025	39.503	ng	# 92
88) Benzo(b)fluoranthene	23.94	252	968477	42.478	ng	99
89) Benzo(k)fluoranthene	24.01	252	908929	43.351	ng	98
90) Benzo(a)pyrene	24.83	252	936455	43.776	ng	99
91) Dibenzo(a,h)anthracene	28.81	278	893763	44.985	ng	99
92) Benzo(g,h,i)perylene	29.94	276	917928	44.956	ng	97

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

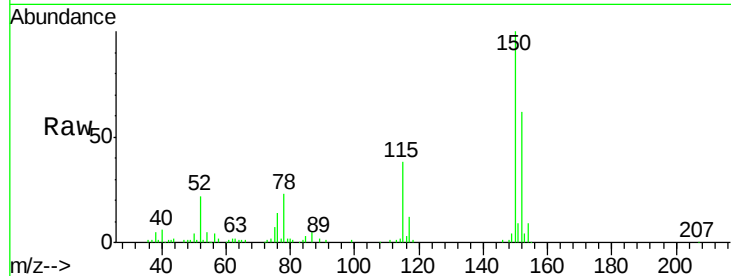


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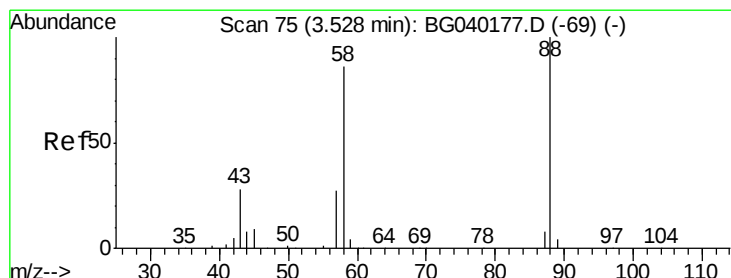
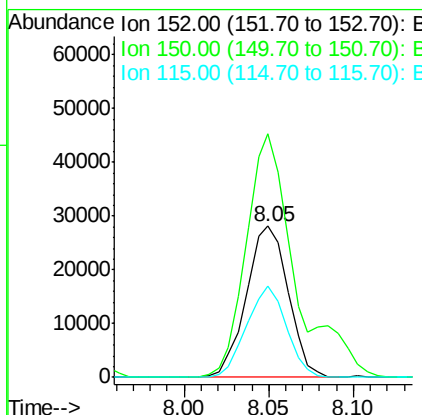
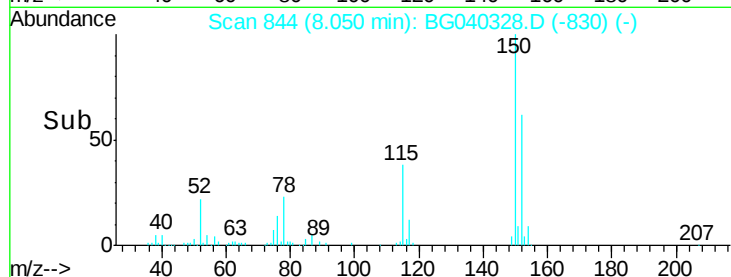
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 48463
Ion Ratio Lower Upper
152 100
150 161.1 123.7 185.5
115 60.7 46.9 70.3



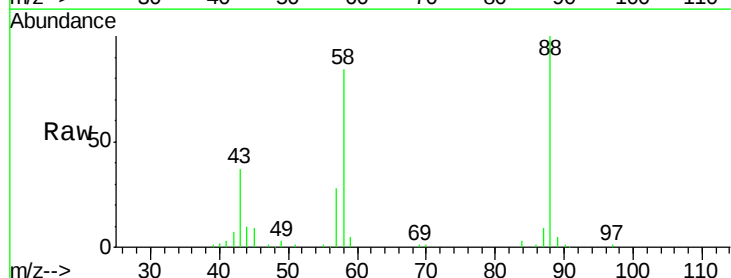
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



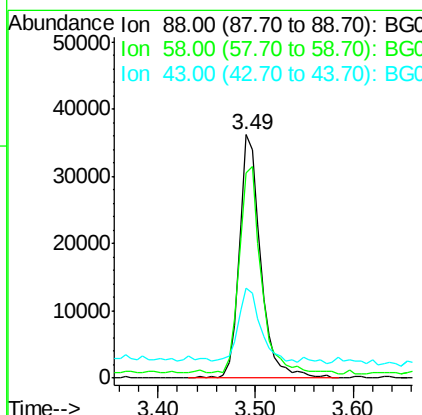
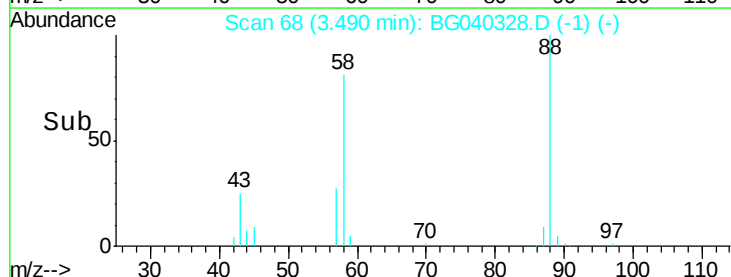
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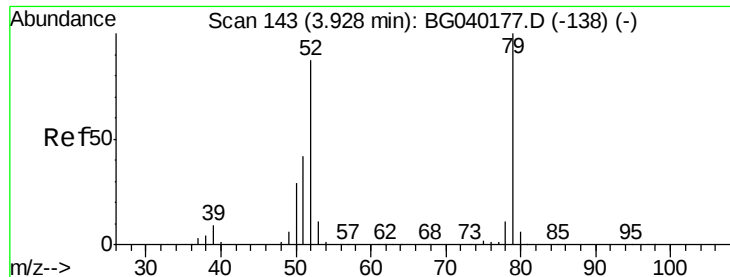
1,4-Dioxane
Concen: 39.993 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.04 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Tgt Ion: 88 Resp: 54822
Ion Ratio Lower Upper
88 100
58 86.6 70.6 106.0
43 31.1 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: 36.429 ng

RT: 3.90 min Scan# 137

Delta R.T. -0.03 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Instrument :

BNA_G

ClientSampleId :

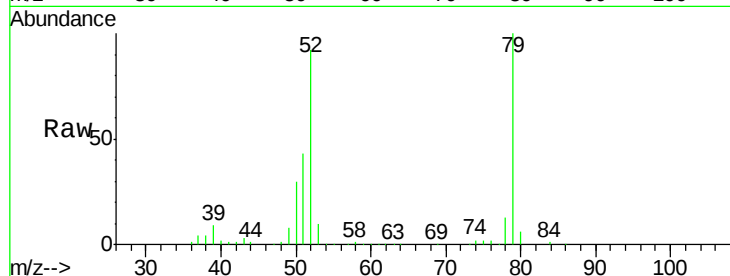
Tot Ion: 79 Resp: 134452

Ion Ratio Lower Upper

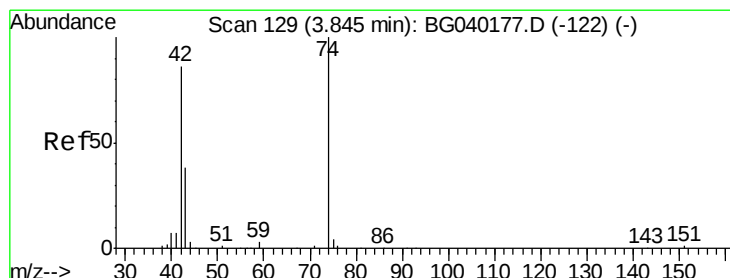
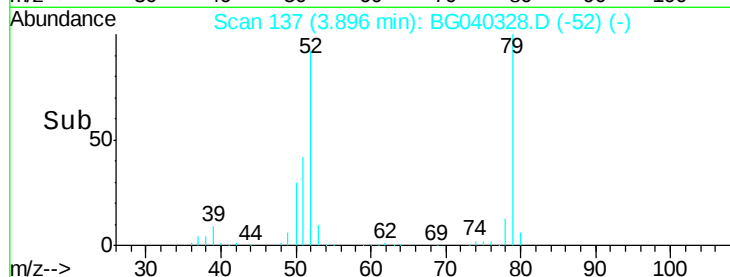
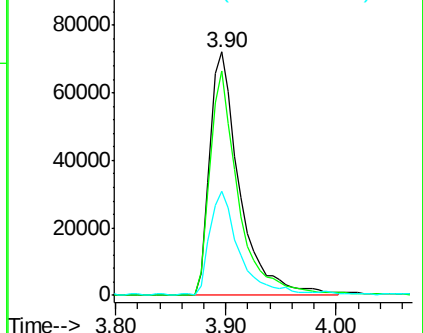
79 100

52 92.1 69.8 104.8

51 42.7 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: 35.614 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.03 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

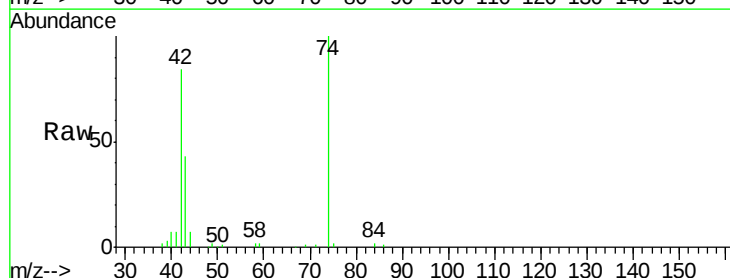
Tgt Ion: 42 Resp: 60802

Ion Ratio Lower Upper

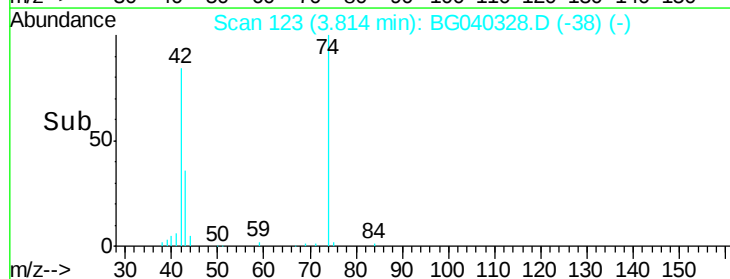
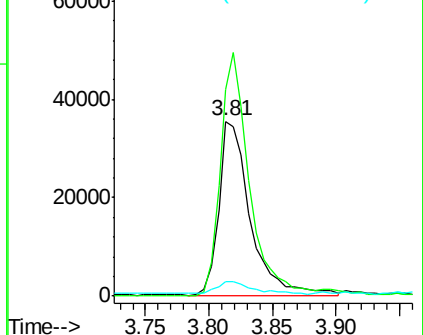
42 100

74 118.7 92.9 139.3

44 8.5 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: 131.323 ng

RT: 5.61 min Scan# 428

Delta R.T. -0.01 min

Lab File: BG040328.D

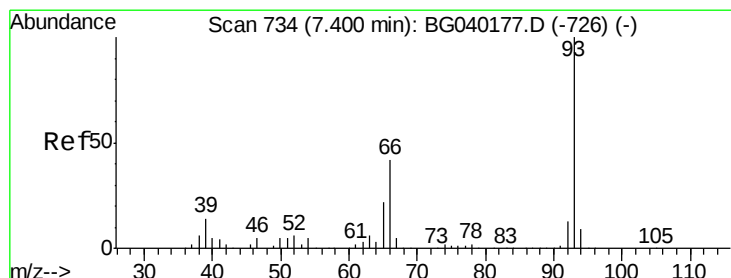
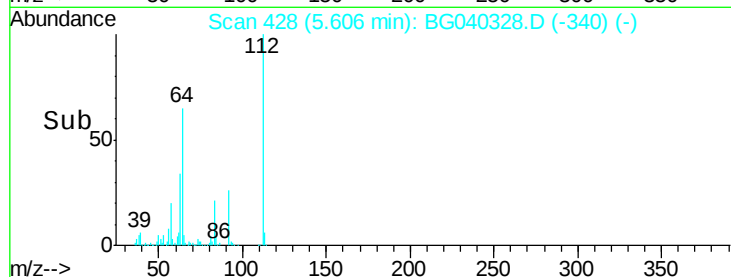
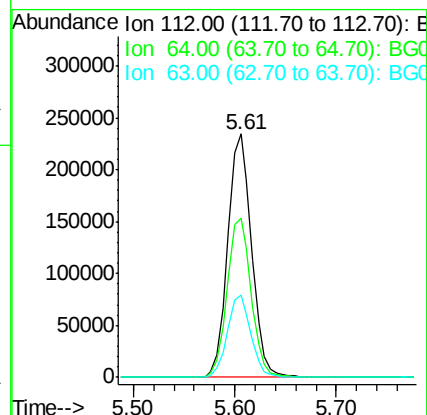
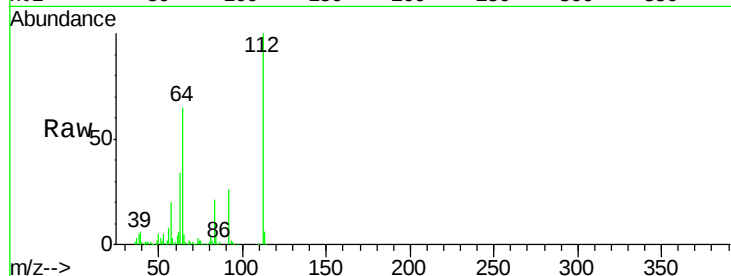
Acq: 3 Apr 2019 16:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	112	Resp:	382837
Ion	Ratio	Lower	Upper
112	100		
64	65.4	54.2	81.2
63	33.6	26.4	39.6



#6

Aniline

Concen: 26.404 ng

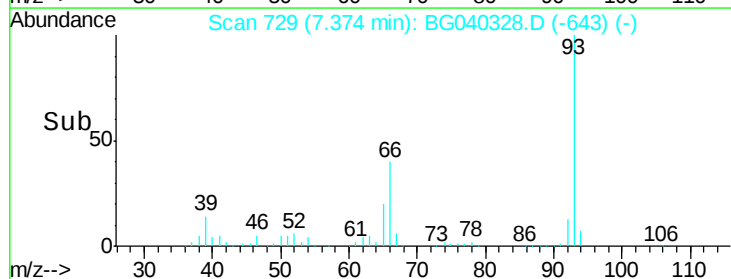
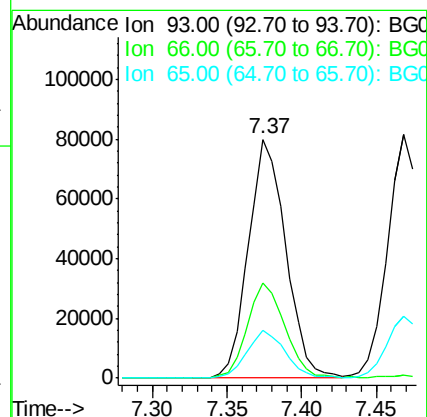
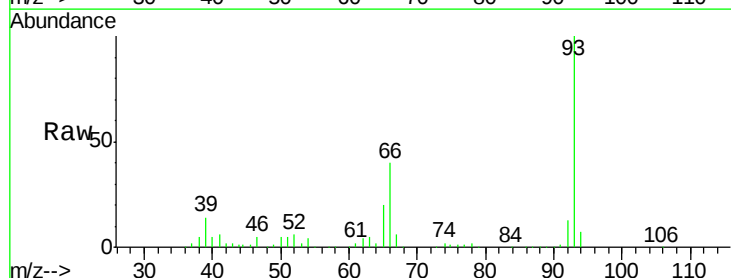
RT: 7.37 min Scan# 729

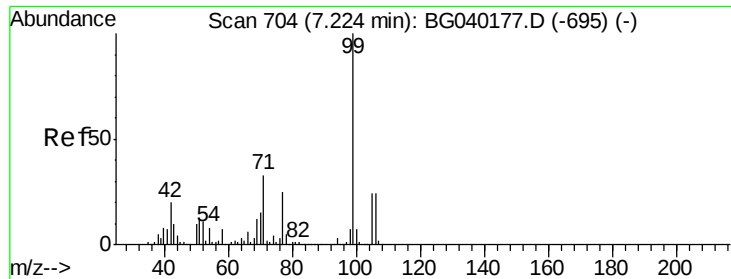
Delta R.T. -0.03 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Tgt Ion:	93	Resp:	138209
Ion	Ratio	Lower	Upper
93	100		
66	40.0	33.6	50.4
65	19.7	17.4	26.2





#7

Phenol-d6

Concen: 125.610 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Instrument :

BNA_G

ClientSampleId :

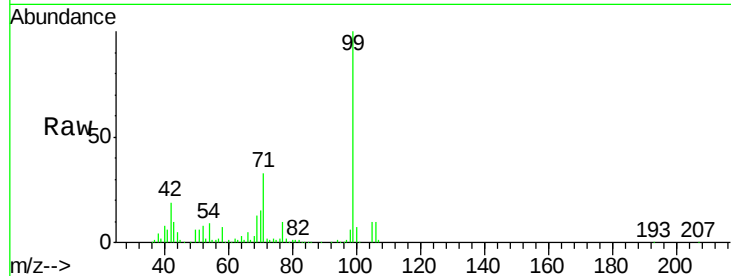
Tot Ion: 99 Resp: 506070

Ion Ratio Lower Upper

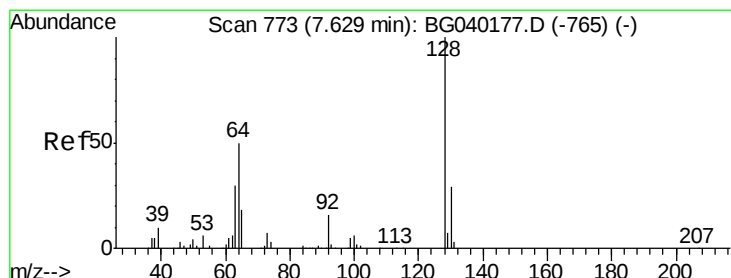
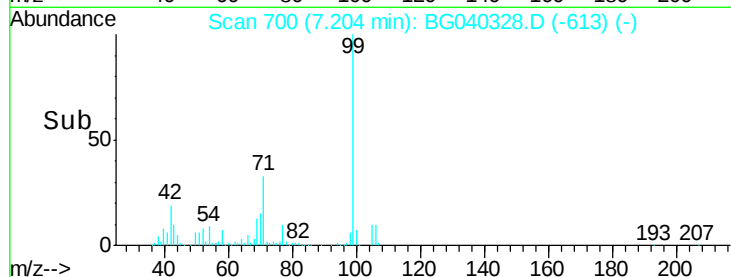
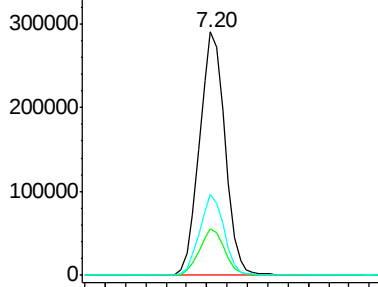
99 100

42 19.1 16.2 24.2

71 33.2 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: 38.201 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

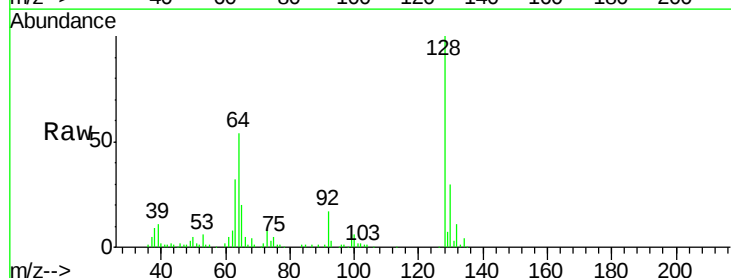
Tgt Ion:128 Resp: 130362

Ion Ratio Lower Upper

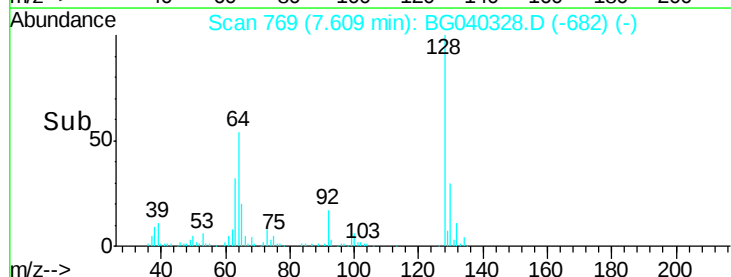
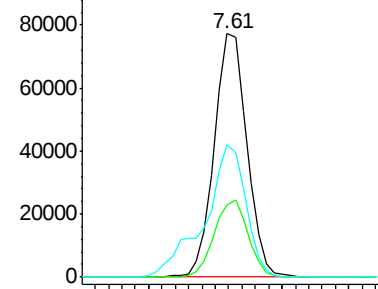
128 100

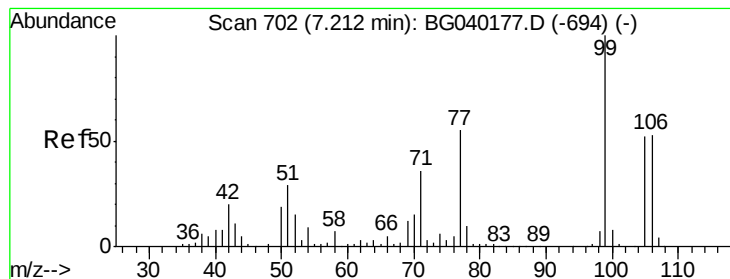
130 29.9 9.1 49.1

64 54.3 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: 32.058 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Instrument :

BNA_G

ClientSampleId :

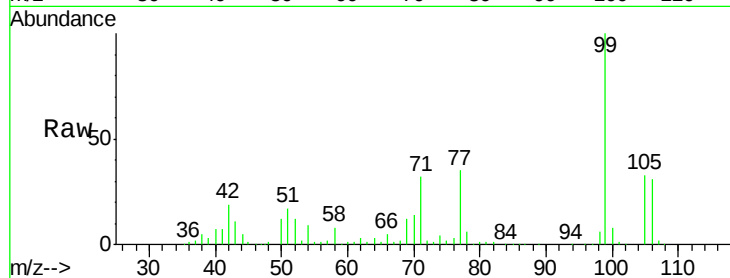
Tot Ion: 77 Resp: 88595

Ion Ratio Lower Upper

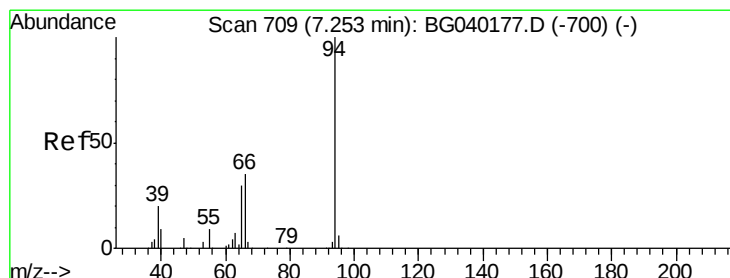
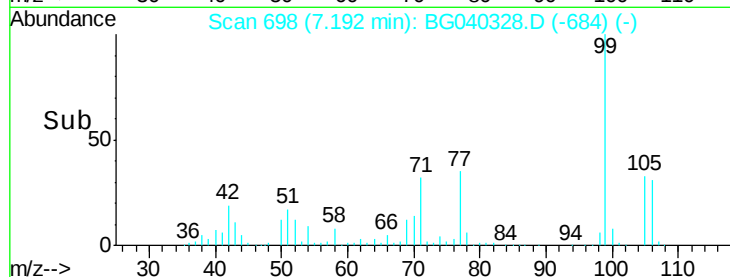
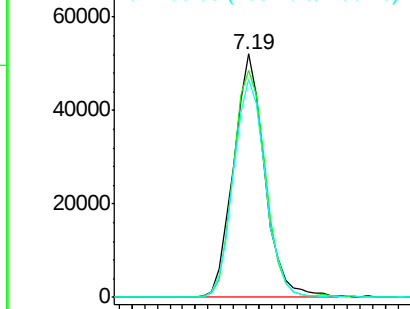
77 100

105 93.4 75.0 115.0

106 89.4 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: 39.288 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

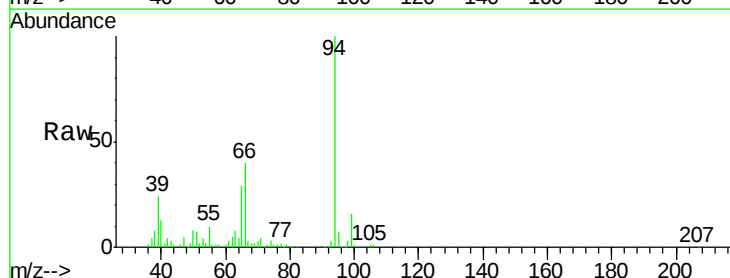
Tgt Ion: 94 Resp: 171808

Ion Ratio Lower Upper

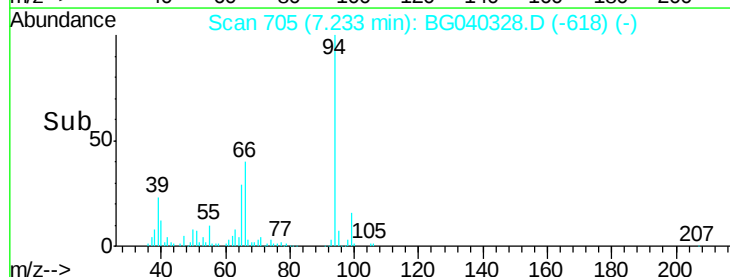
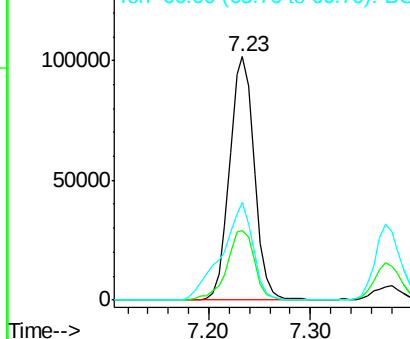
94 100

65 28.6 10.5 50.5

66 40.1 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

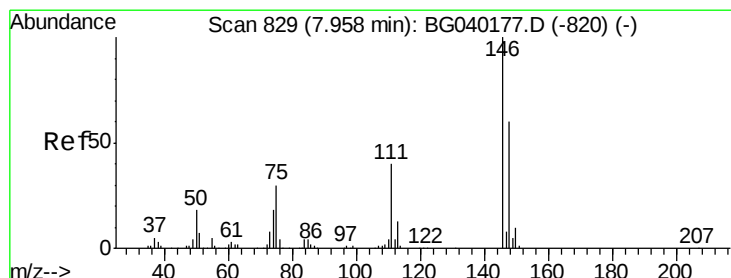
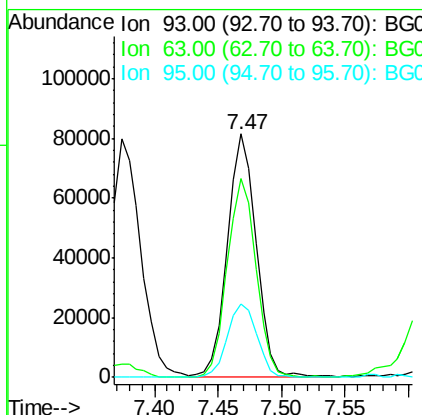
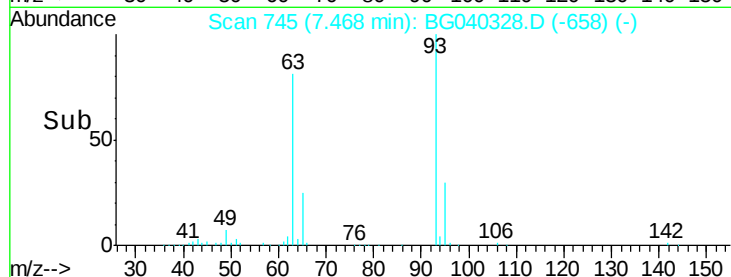
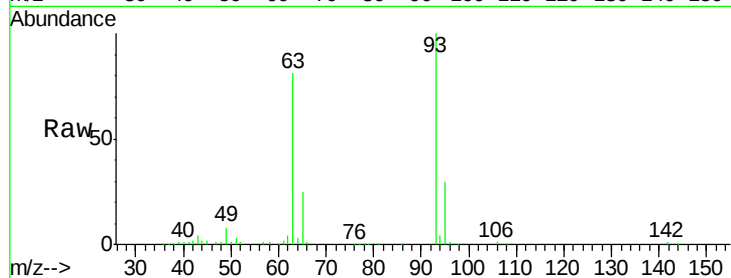




#11
bis(2-Chloroethyl)ether
Concen: 36.612 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.02 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

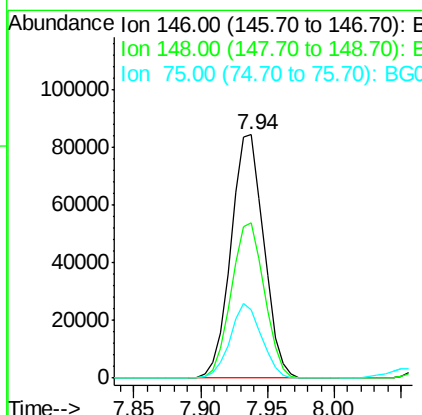
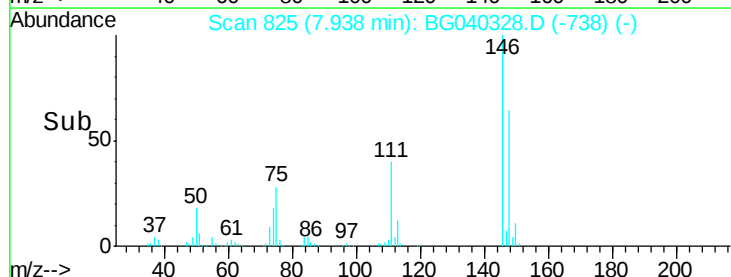
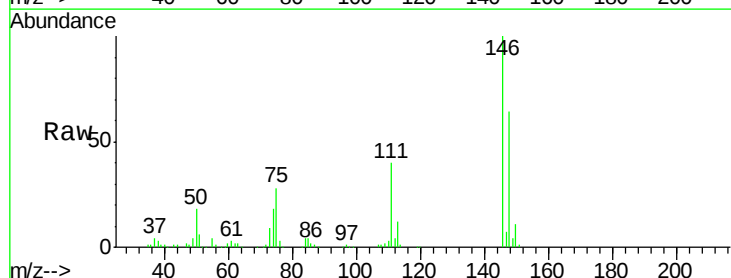
Instrument :
BNA_G
ClientSampleId :

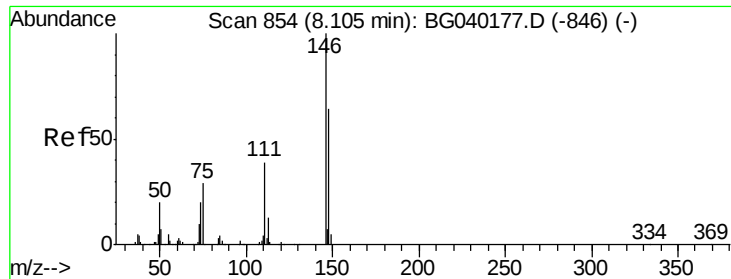
Tot Ion: 93 Resp: 128233
Ion Ratio Lower Upper
93 100
63 81.4 64.2 104.2
95 30.4 14.0 54.0



#12
1,3-Dichlorobenzene
Concen: 38.991 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.02 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Tgt Ion: 146 Resp: 144642
Ion Ratio Lower Upper
146 100
148 63.8 48.2 72.2
75 28.1 24.1 36.1

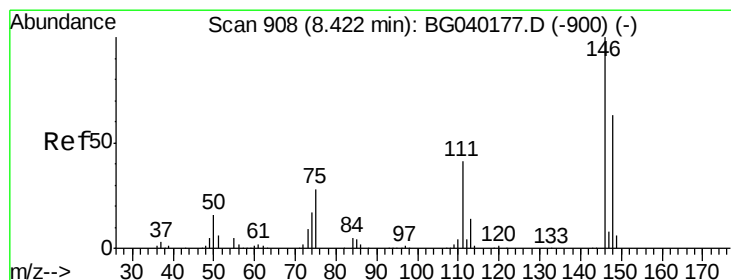
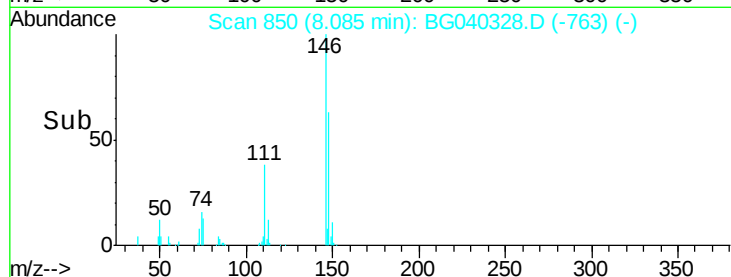
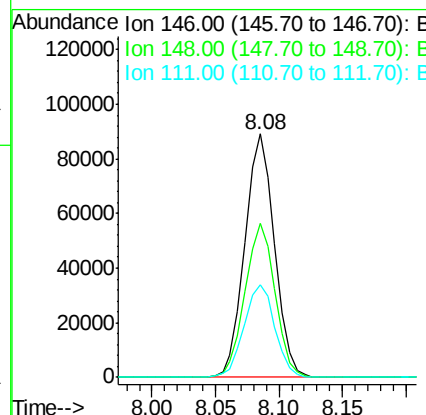
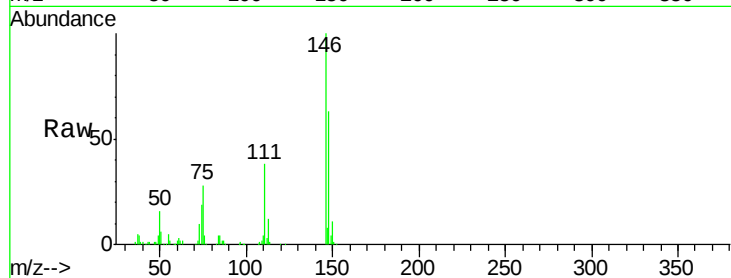




#13
 1,4-Dichlorobenzene
 Concen: 39.086 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.02 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

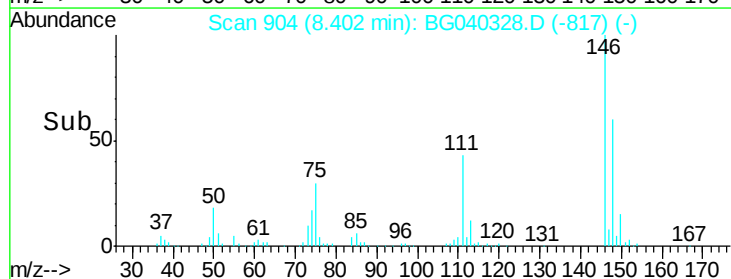
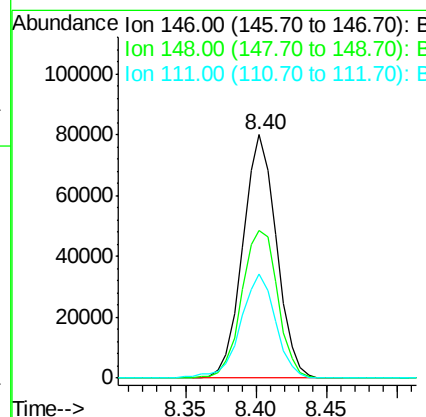
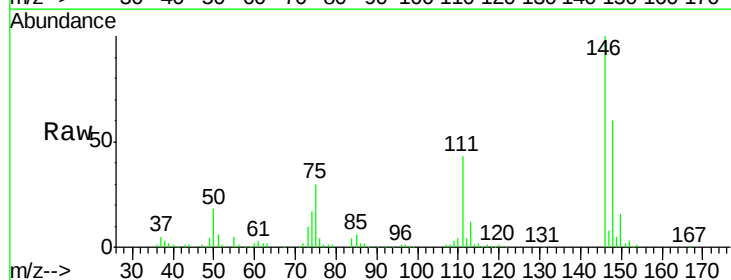
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 144411
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.0 76.4
 111 37.9 31.8 47.6



#14
 1,2-Dichlorobenzene
 Concen: 37.765 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

Tgt Ion:146 Resp: 133433
 Ion Ratio Lower Upper
 146 100
 148 60.5 50.8 76.2
 111 42.5 33.4 50.0





#15

Benzyl Alcohol

Concen: 35.700 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Instrument :

BNA_G

ClientSampleId :

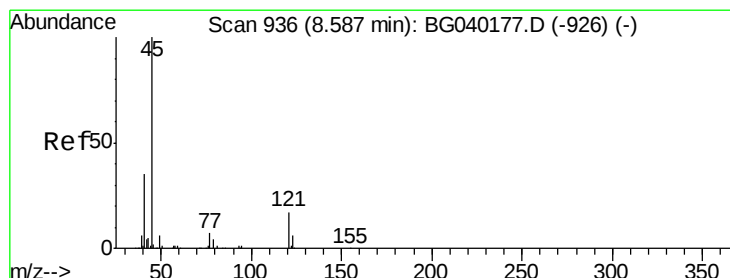
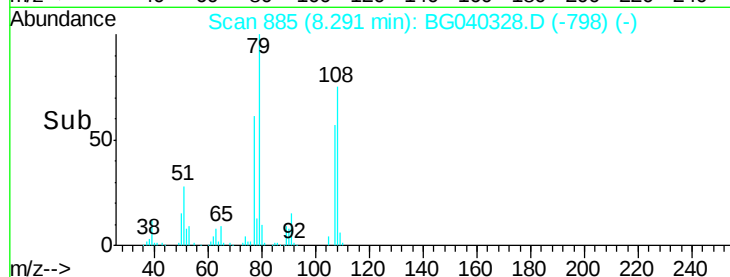
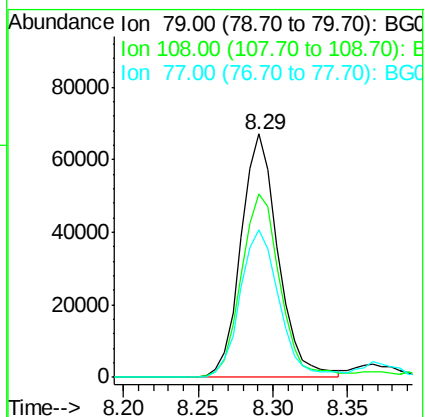
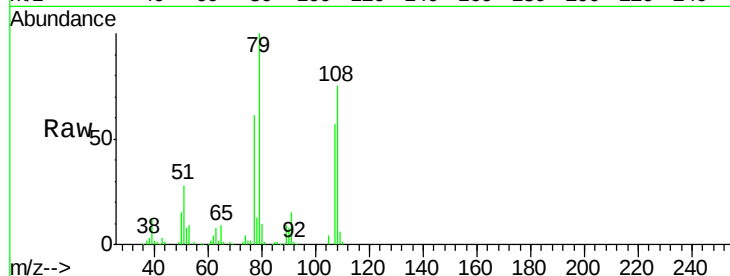
Tot Ion: 79 Resp: 115833

Ion Ratio Lower Upper

79 100

108 75.3 62.1 93.1

77 60.9 51.9 77.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.406 ng

RT: 8.57 min Scan# 932

Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

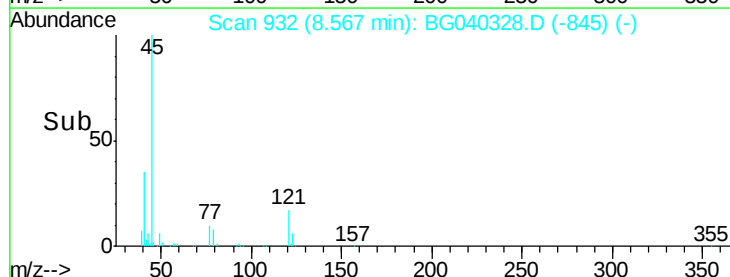
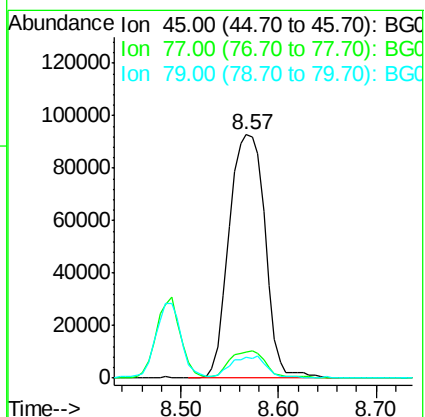
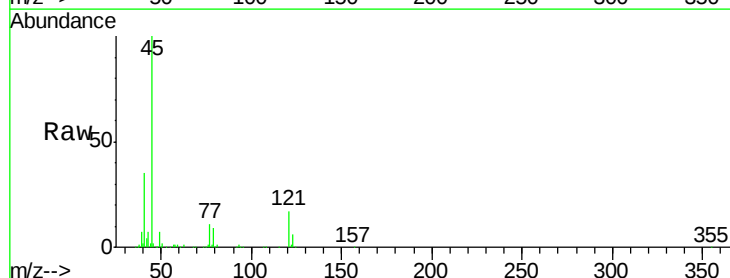
Tgt Ion: 45 Resp: 238003

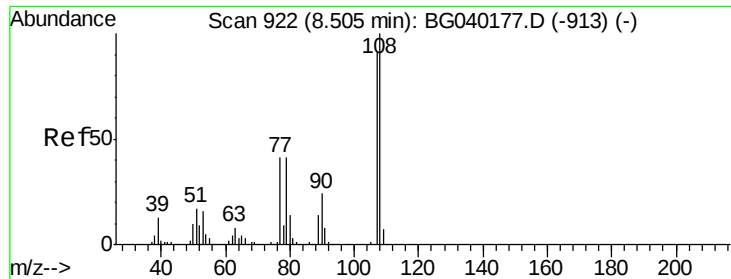
Ion Ratio Lower Upper

45 100

77 10.9 0.0 31.4

79 8.7 0.0 28.3

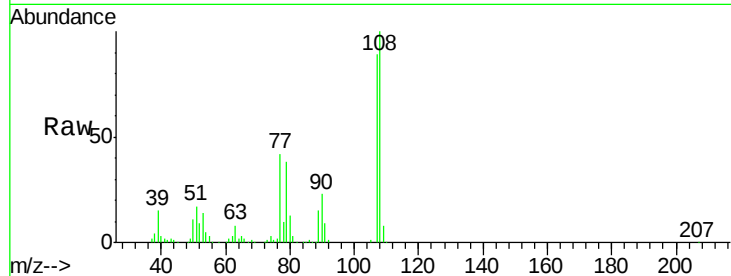




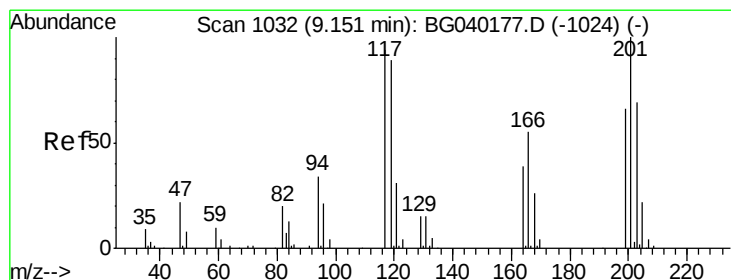
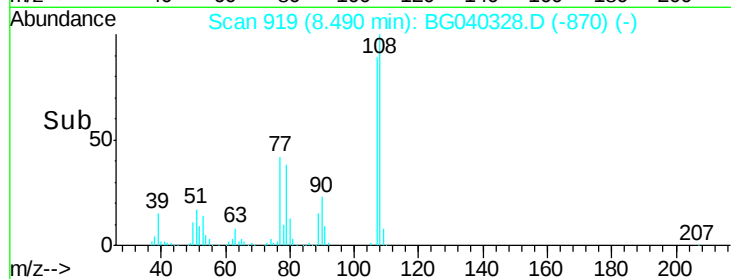
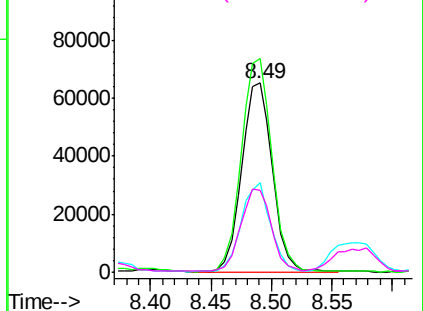
#17
2-Methylphenol
Concen: 38.268 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Instrument :
BNA_G
ClientSampled :

Tot Ion:107 Resp: 115800
Ion Ratio Lower Upper
107 100
108 112.9 88.2 132.4
77 47.2 36.6 55.0
79 43.4 36.5 54.7

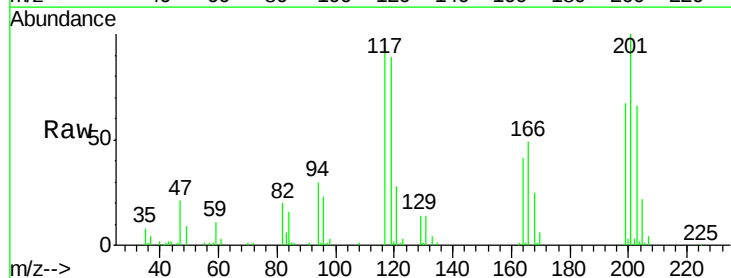


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

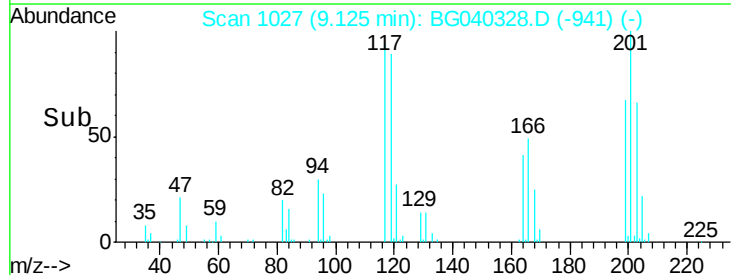
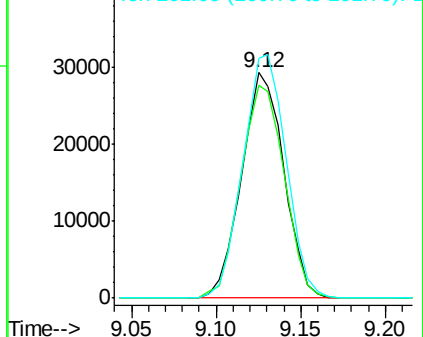


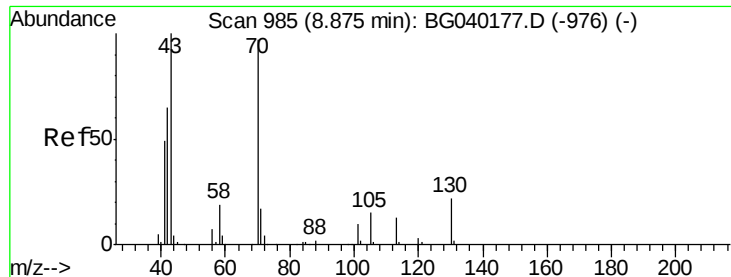
#18
Hexachloroethane
Concen: 36.303 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Tgt Ion:117 Resp: 51020
Ion Ratio Lower Upper
117 100
119 94.5 76.6 115.0
201 106.5 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

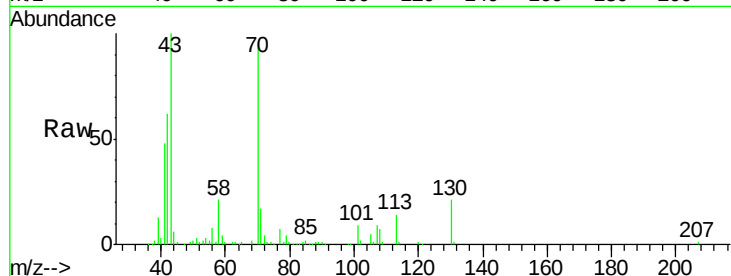




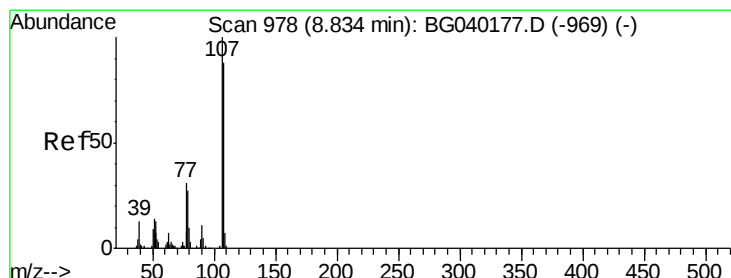
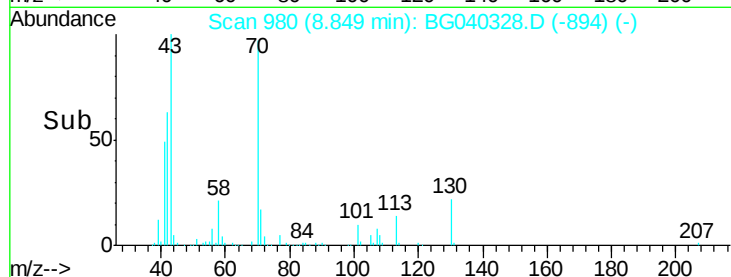
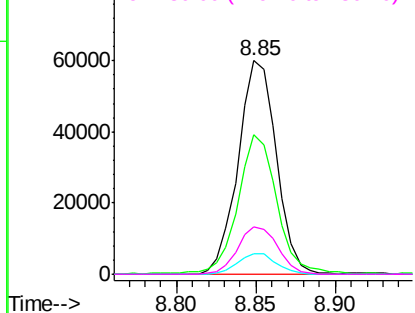
#19
n-Nitroso-di-n-propylamine
Concen: 34.875 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.03 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	100739
Ion	Ratio	Lower	Upper
70	100		
42	65.2	54.0	81.0
101	9.9	8.6	13.0
130	22.4	18.2	27.2

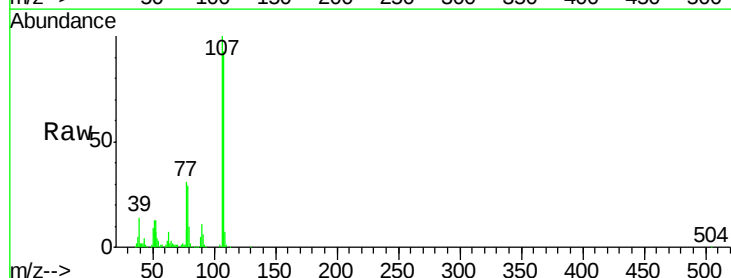


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

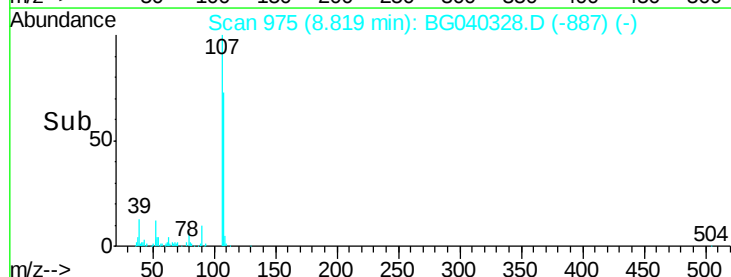
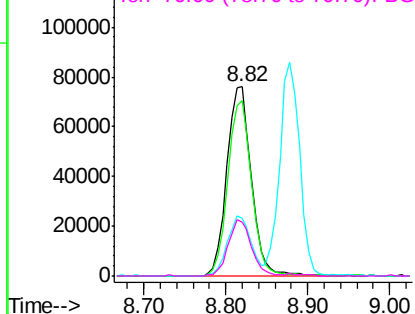


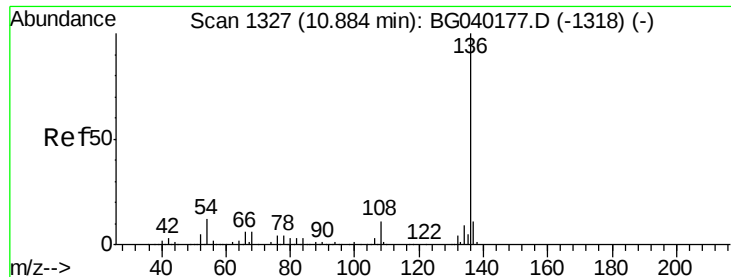
#20
3+4-Methylphenols
Concen: 38.871 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Tgt Ion:	107	Resp:	159345
Ion	Ratio	Lower	Upper
107	100		
108	92.7	68.3	108.3
77	30.8	11.3	51.3
79	28.7	7.3	47.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 190854

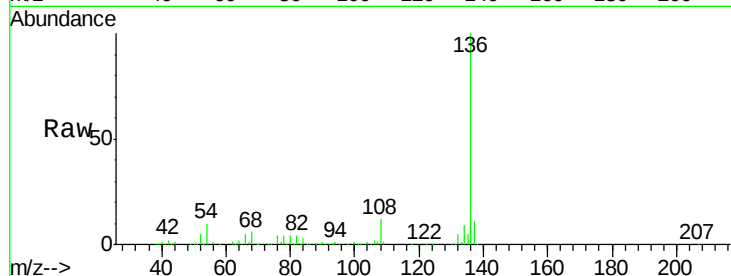
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 10.4 9.6 14.4

68 5.6 5.1 7.7

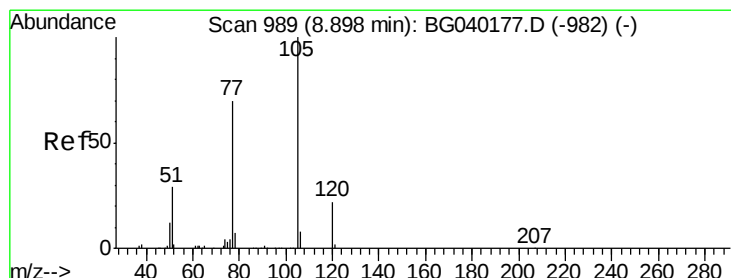
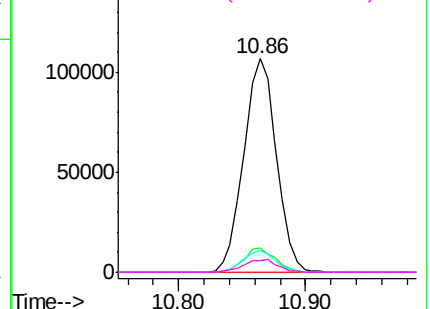
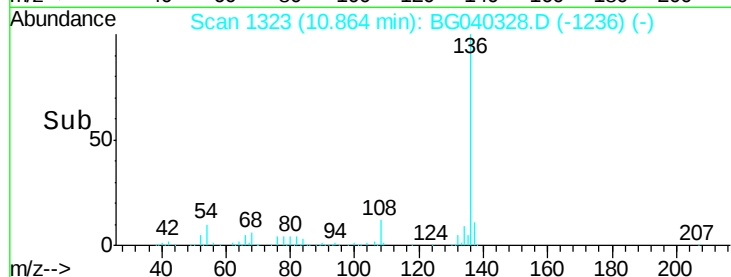


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.058 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Tgt Ion:105 Resp: 195469

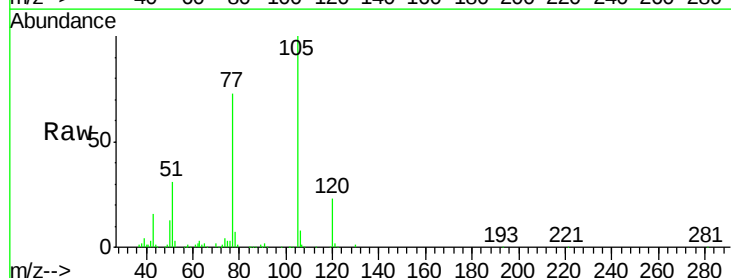
Ion Ratio Lower Upper

105 100

71 0.4 0.6 1.0#

51 31.4 25.1 37.7

120 23.3 17.6 26.4

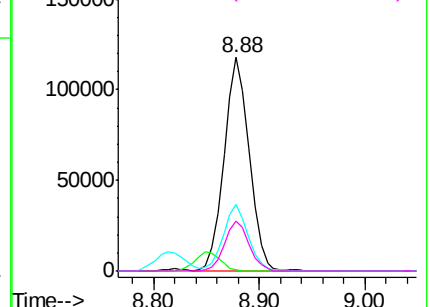
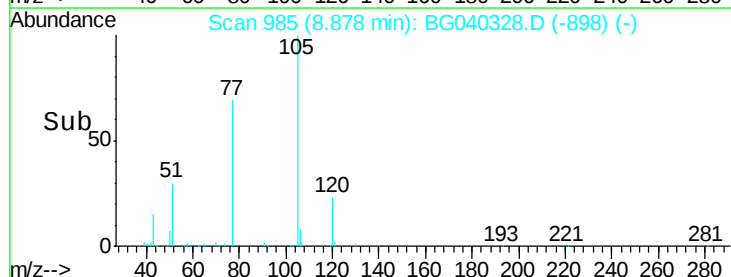


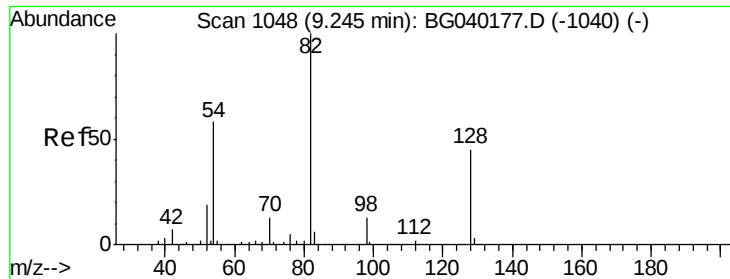
Abundance Ion 105.00 (104.70 to 105.70): E

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

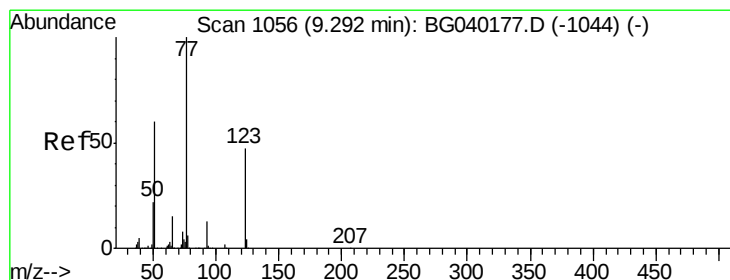
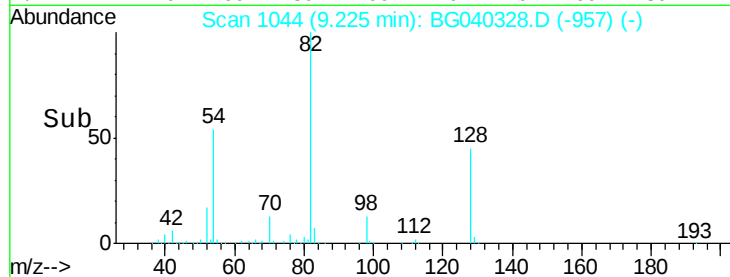
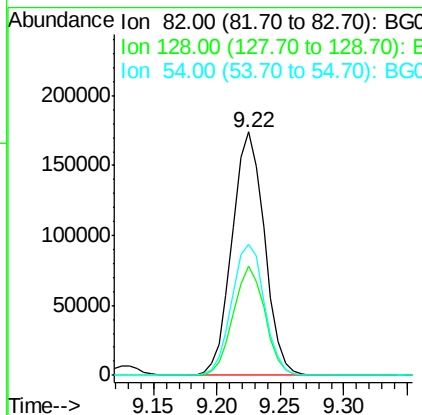
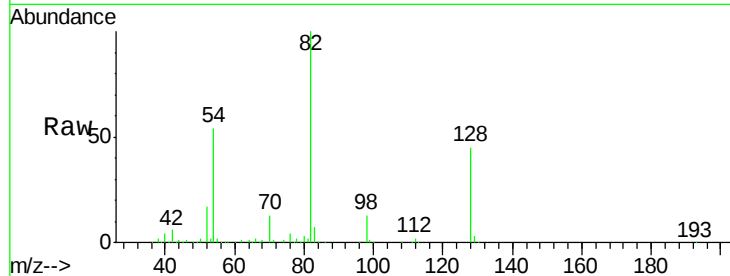




#23
 Nitrobenzene-d5
 Concen: 85.821 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

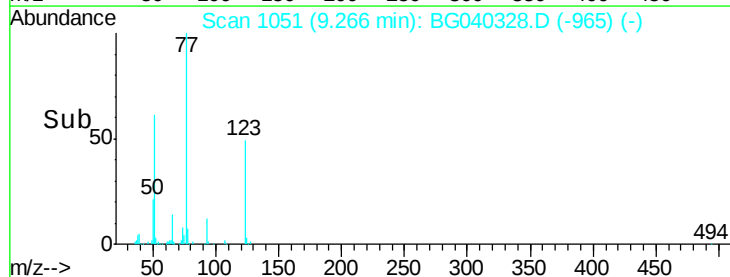
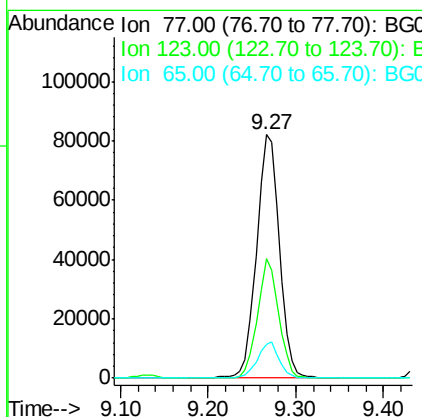
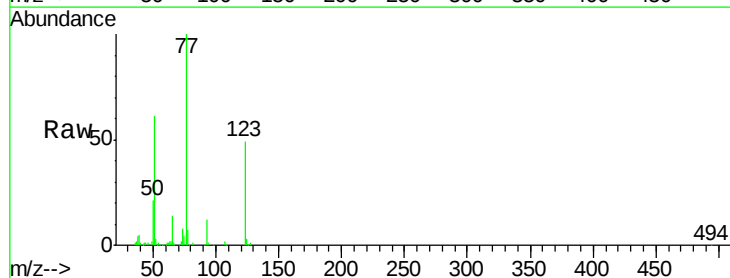
Instrument :
 BNA_G
 ClientSampleId :

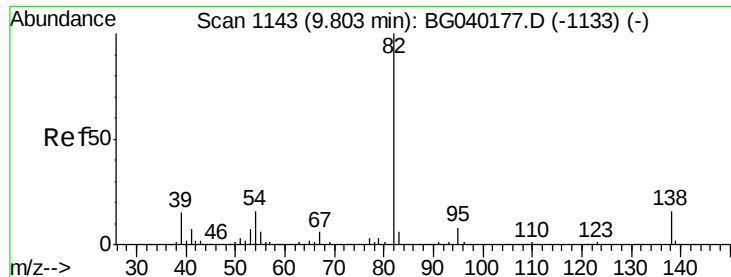
Tot Ion	82	Resp	308152
Ion Ratio	Lower	Upper	
82	100		
128	44.7	35.8	53.8
54	53.6	46.2	69.2



#24
 Nitrobenzene
 Concen: 39.542 ng
 RT: 9.27 min Scan# 1051
 Delta R.T. -0.03 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

Tgt Ion	77	Resp	147024
Ion Ratio	Lower	Upper	
77	100		
123	49.2	37.8	56.6
65	13.8	12.0	18.0





#25

Isophorone

Concen: 38.678 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Instrument :

BNA_G

ClientSampleId :

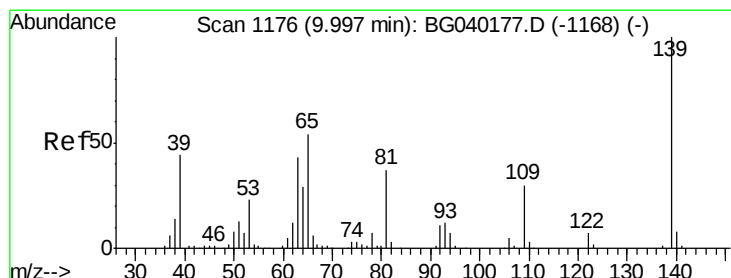
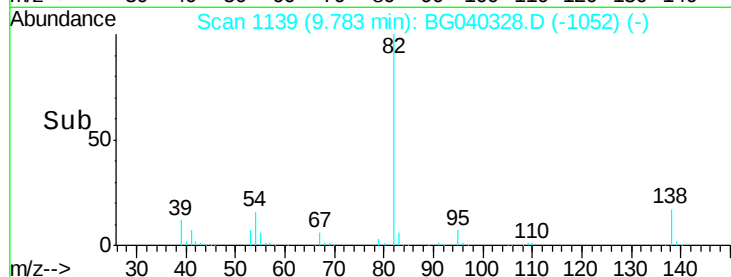
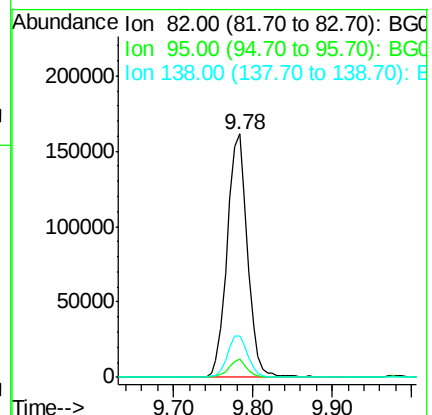
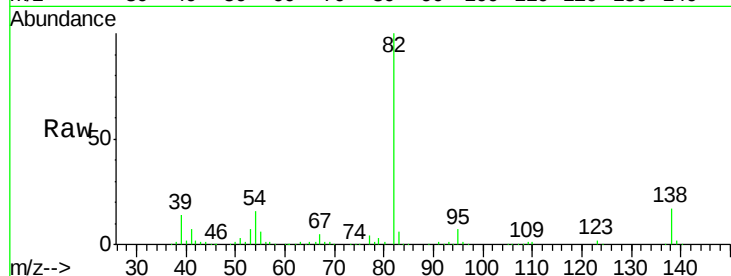
Tot Ion: 82 Resp: 285754

Ion Ratio Lower Upper

82 100

95 7.4 6.1 9.1

138 17.1 13.2 19.8



#26

2-Nitrophenol

Concen: 40.958 ng

RT: 9.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

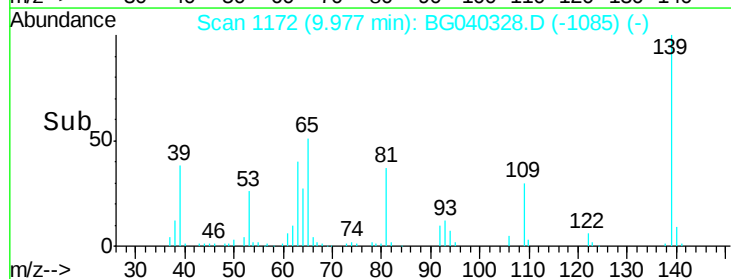
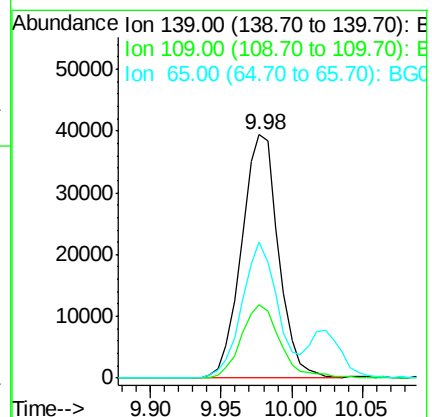
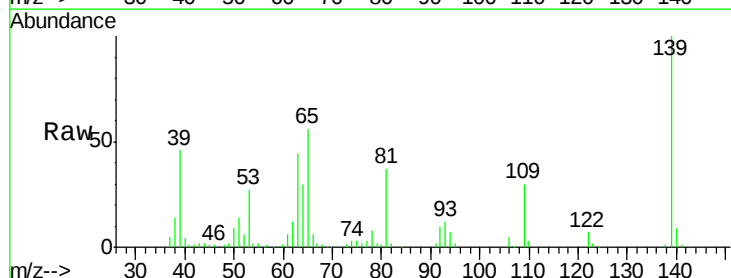
Tgt Ion: 139 Resp: 72161

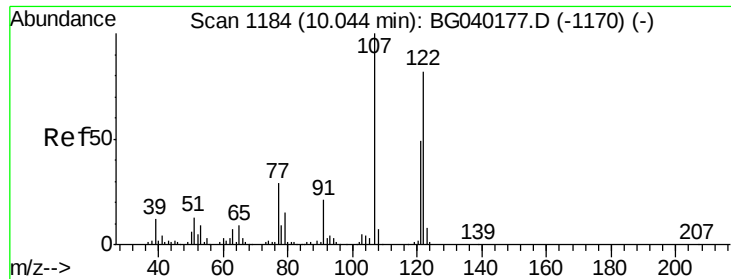
Ion Ratio Lower Upper

139 100

109 30.0 24.1 36.1

65 56.1 43.0 64.6

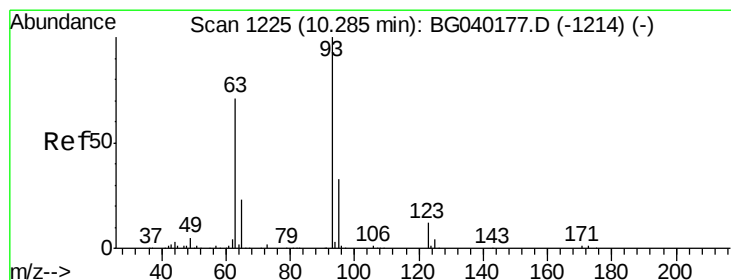
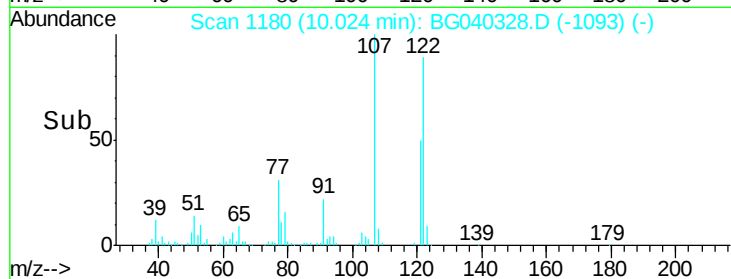
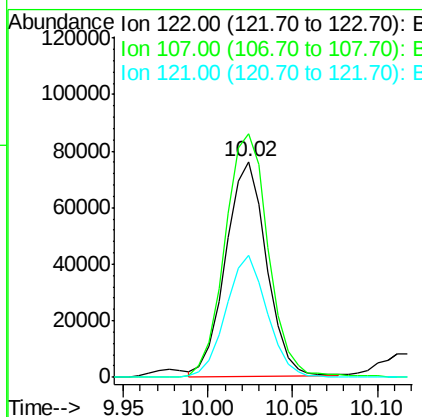
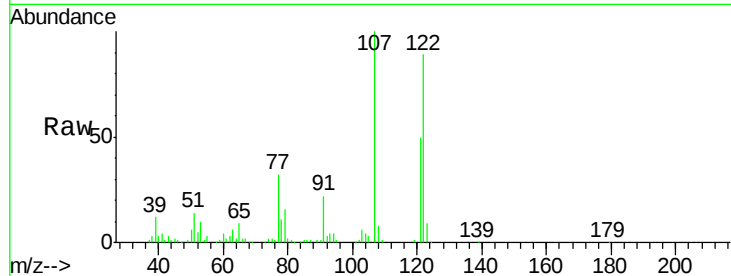




#27
 2,4-Dimethylphenol
 Concen: 45.744 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

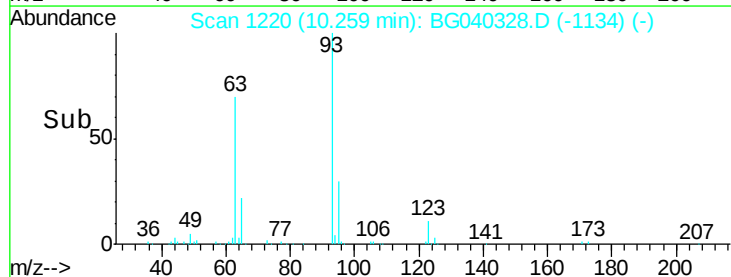
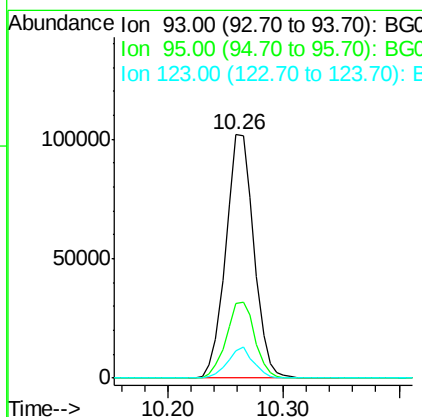
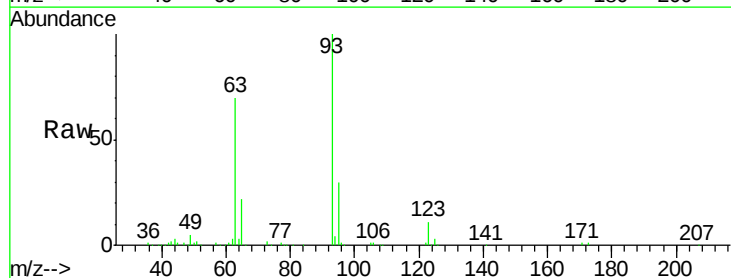
Instrument :
 BNA_G
 ClientSampled :

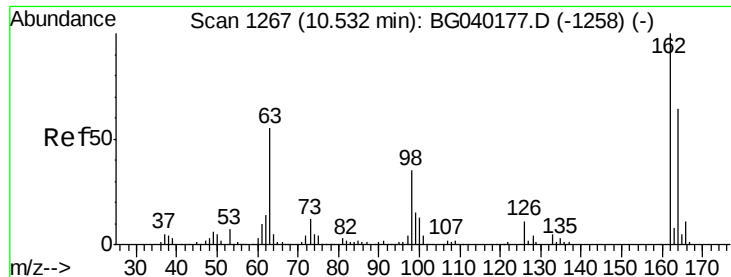
Tot Ion	122	Resp	128018
Ion Ratio	Lower	Upper	
122	100		
107	112.7	97.4	146.2
121	56.7	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.290 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.03 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

Tgt Ion	93	Resp	171732
Ion Ratio	Lower	Upper	
93	100		
95	30.4	26.2	39.4
123	11.0	9.4	14.0

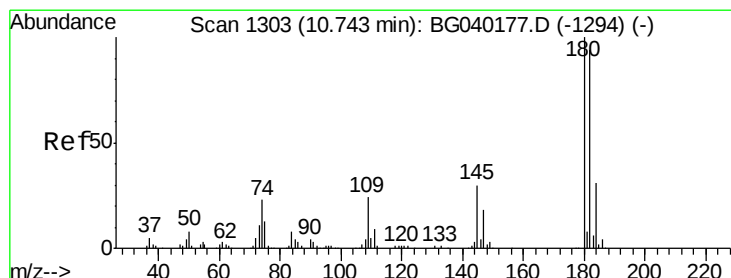
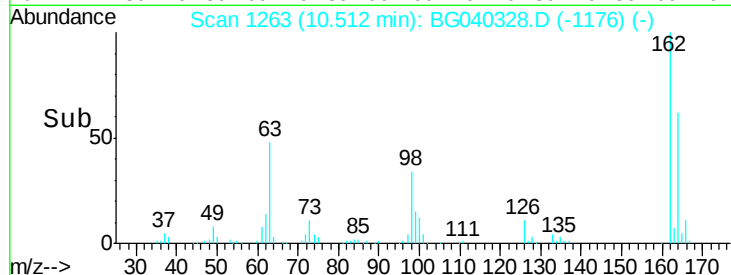
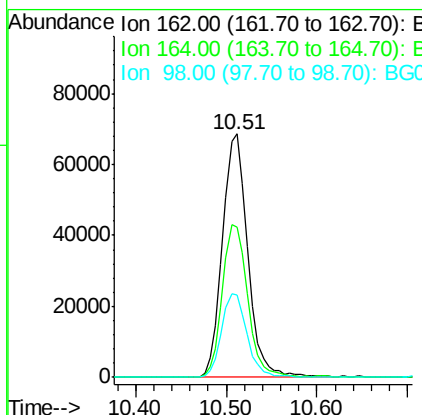
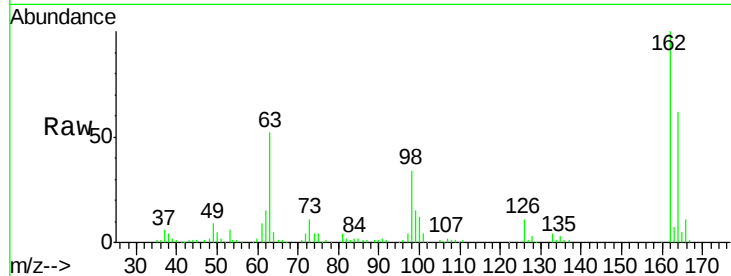




#29
 2,4-Dichlorophenol
 Concen: 43.982 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. -0.02 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

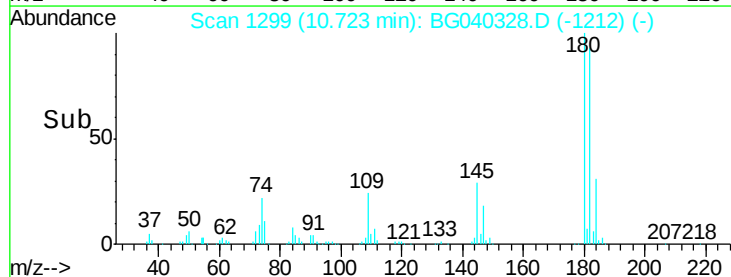
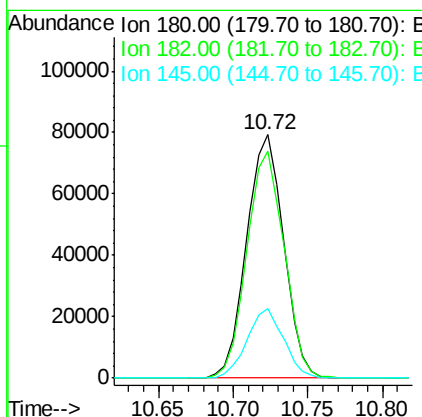
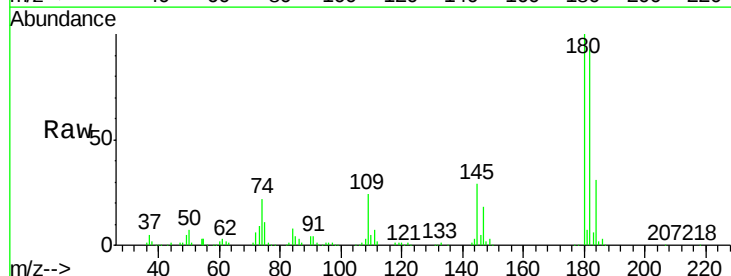
Instrument :
 BNA_G
 ClientSampled :

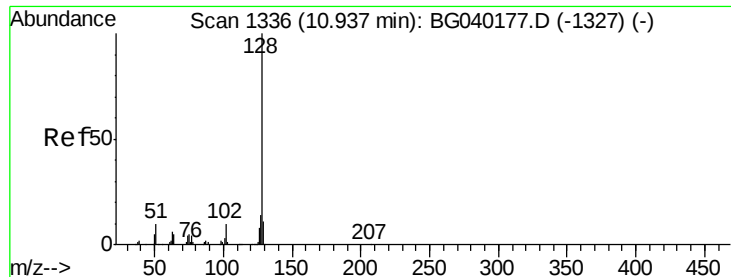
Tot Ion	162	Resp	133602
Ion Ratio	Lower	Upper	
162	100		
164	61.7	43.9	83.9
98	33.6	15.6	55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 40.790 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

Tgt Ion	180	Resp	136051
Ion Ratio	Lower	Upper	
180	100		
182	93.0	75.1	112.7
145	28.8	24.1	36.1

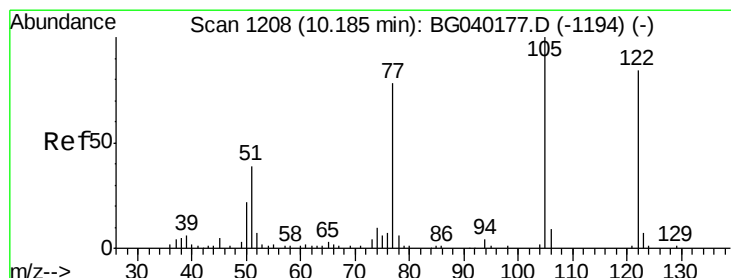
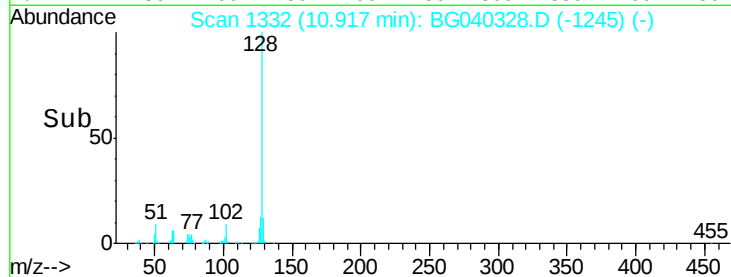
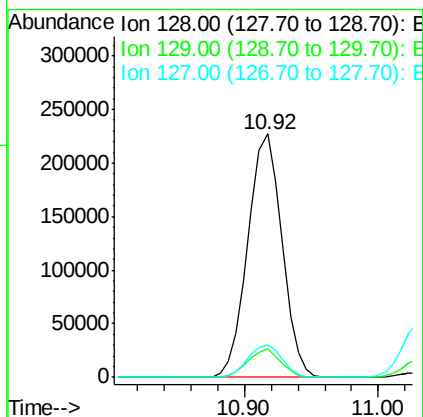
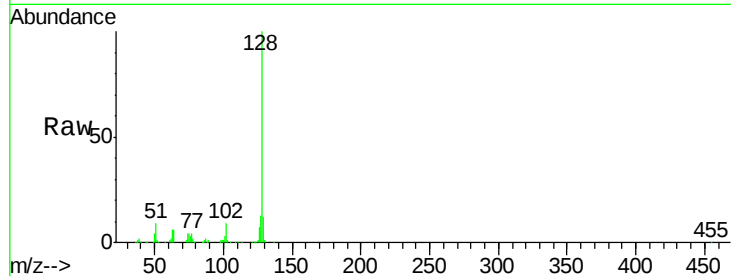




#31
Naphthalene
Concen: 41.028 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

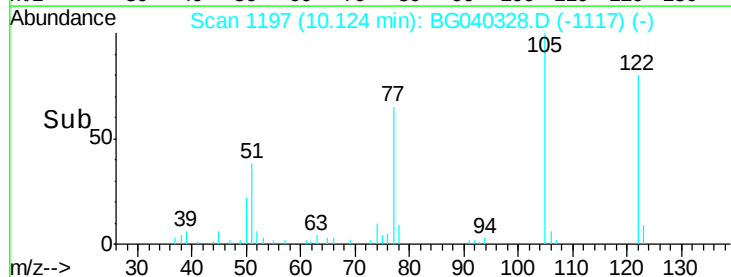
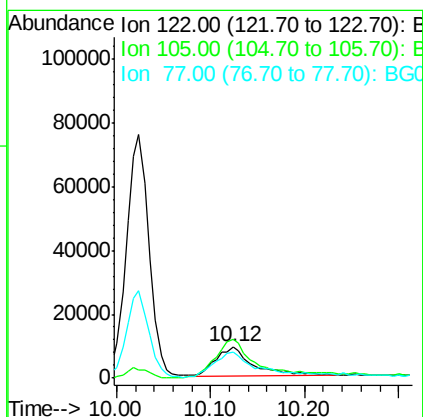
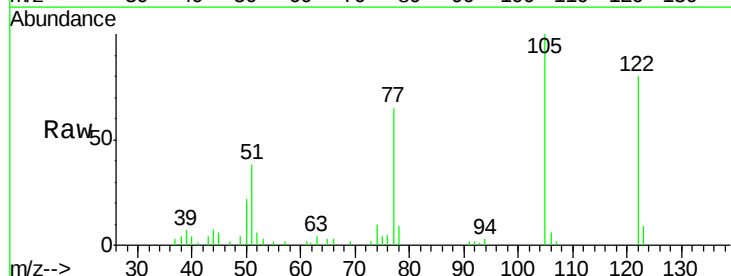
Instrument :
BNA_G
ClientSampleId :

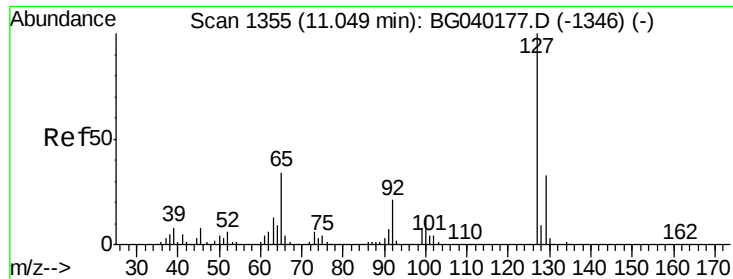
Tot Ion:128 Resp: 401364
Ion Ratio Lower Upper
128 100
129 11.8 8.9 13.3
127 13.3 11.4 17.0



#32
Benzoic acid
Concen: 15.342 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.06 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Tgt Ion:122 Resp: 25942
Ion Ratio Lower Upper
122 100
105 125.6 98.2 138.2
77 81.9 73.6 113.6

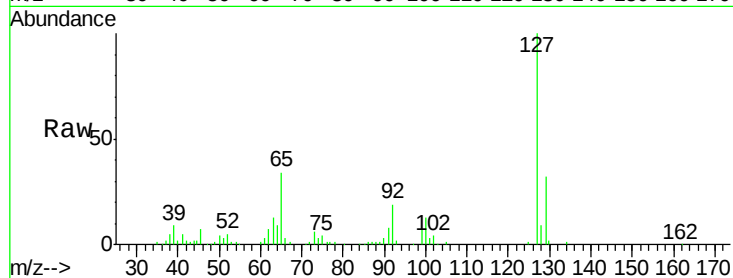




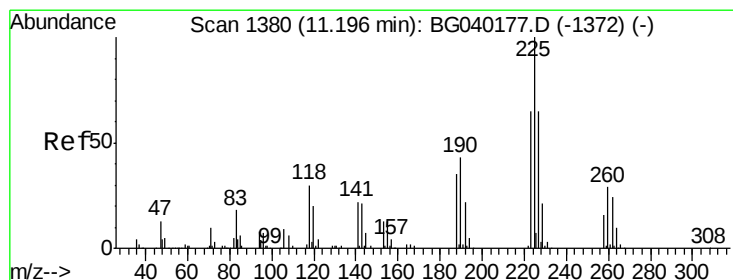
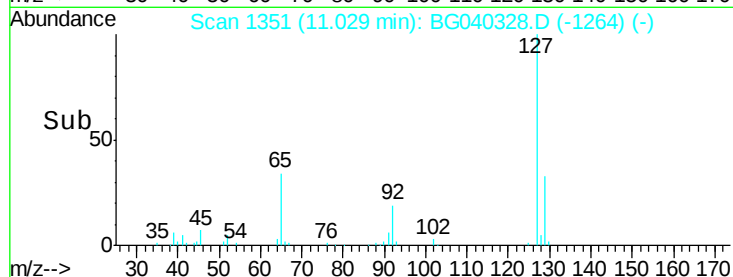
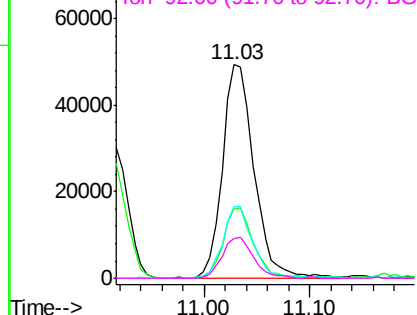
#33
4-Chloroaniline
Concen: 24.630 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	102775
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.6	40.0
65	33.6	27.0	40.4
92	18.6	16.6	25.0

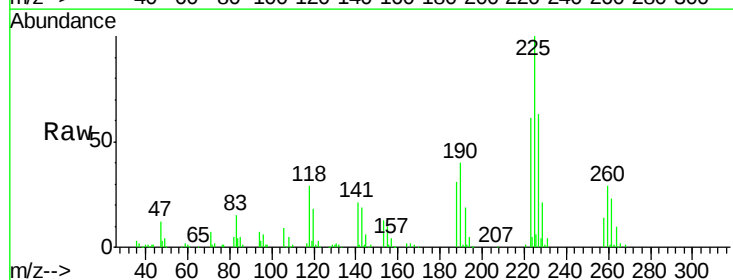


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

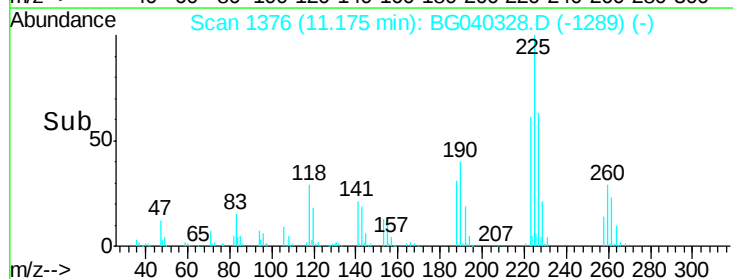
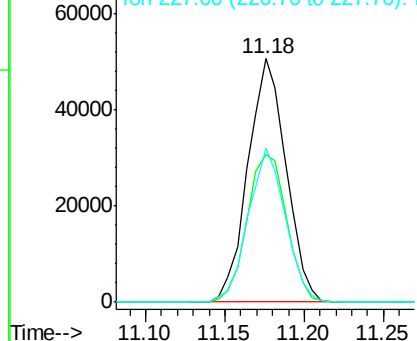


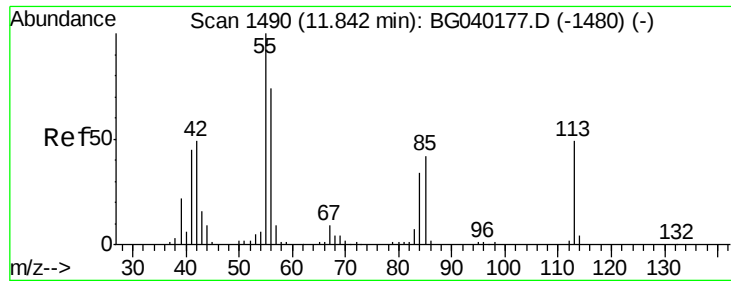
#34
Hexachlorobutadiene
Concen: 39.648 ng
RT: 11.18 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Tgt Ion:	225	Resp:	84576
Ion	Ratio	Lower	Upper
225	100		
223	60.7	51.8	77.8
227	63.1	54.9	82.3



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





#35

Caprolactam

Concen: 19.271 ng

RT: 11.80 min Scan# 1483

Delta R.T. -0.04 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Instrument :

BNA_G

ClientSampled :

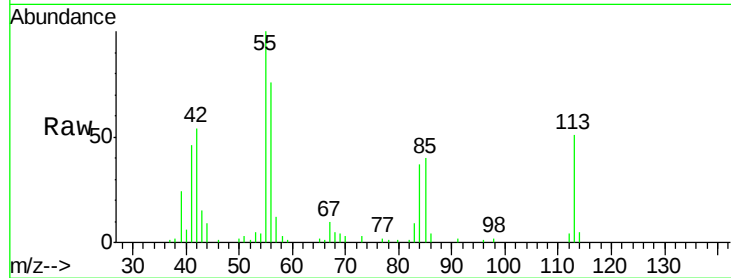
Tot Ion:113 Resp: 23230

Ion Ratio Lower Upper

113 100

55 196.8 184.2 224.2

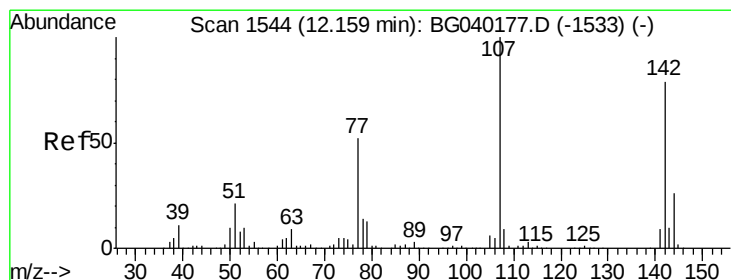
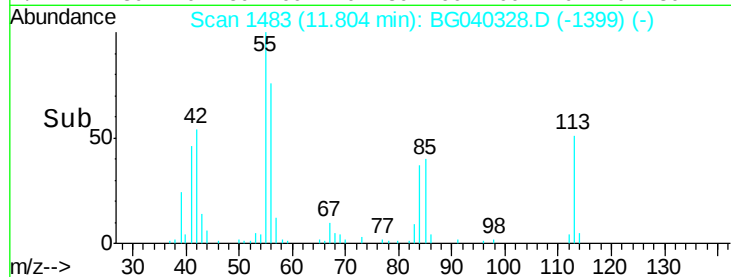
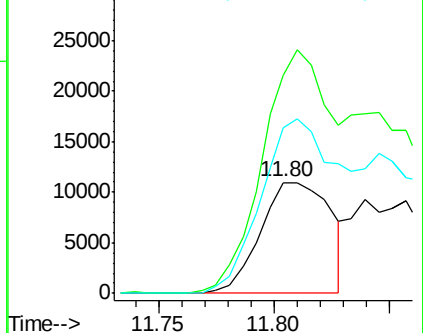
56 149.0 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 44.404 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

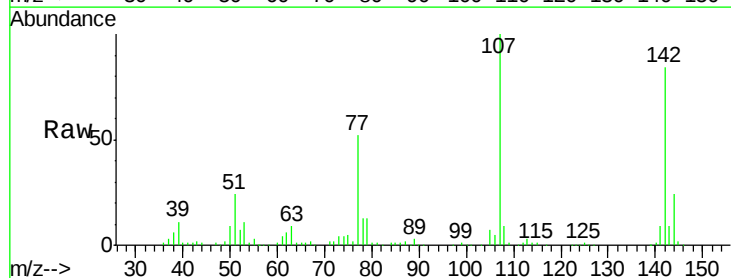
Tgt Ion:107 Resp: 155064

Ion Ratio Lower Upper

107 100

144 23.8 20.5 30.7

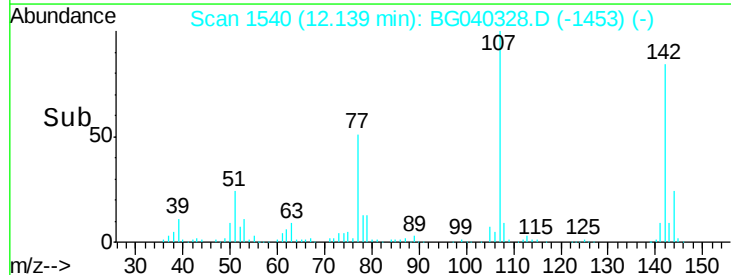
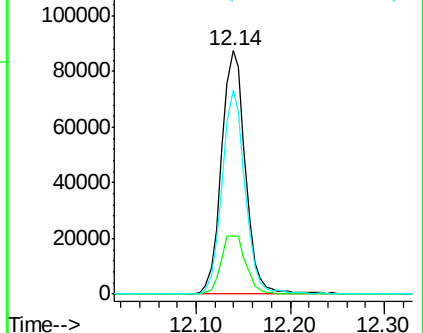
142 83.9 63.1 94.7

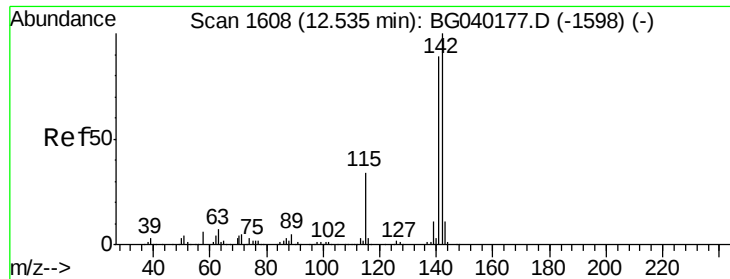


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

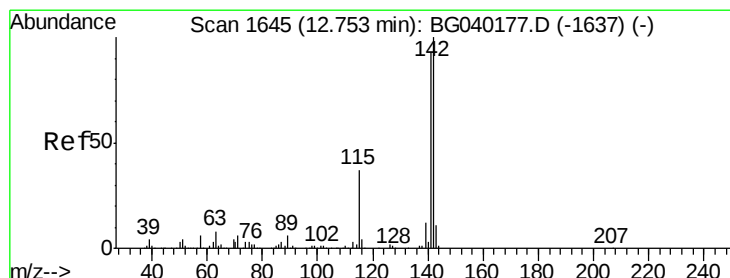
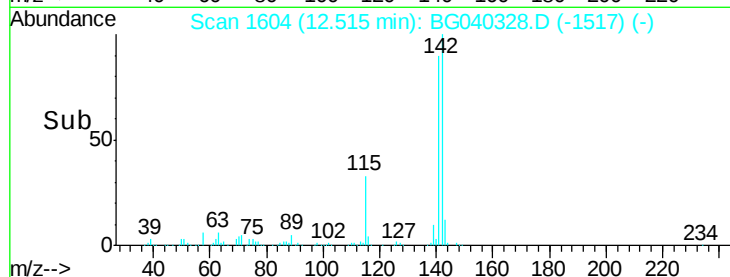
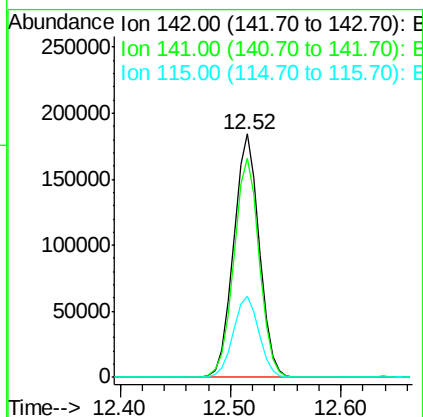
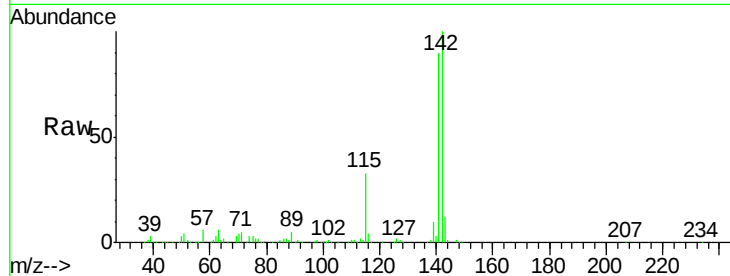




#37
 2-Methylnaphthalene
 Concen: 41.570 ng
 RT: 12.52 min Scan# 1604
 Delta R.T. -0.02 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

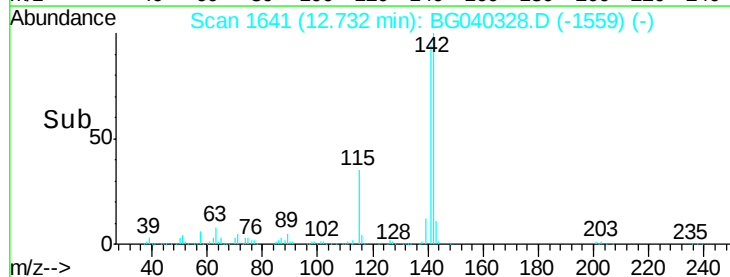
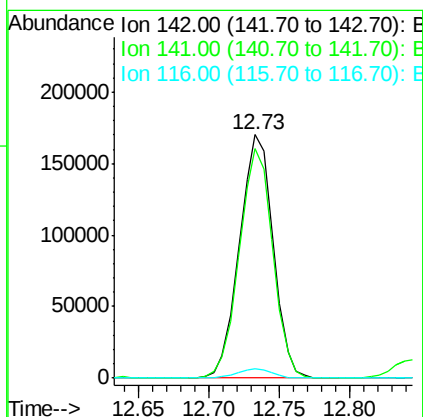
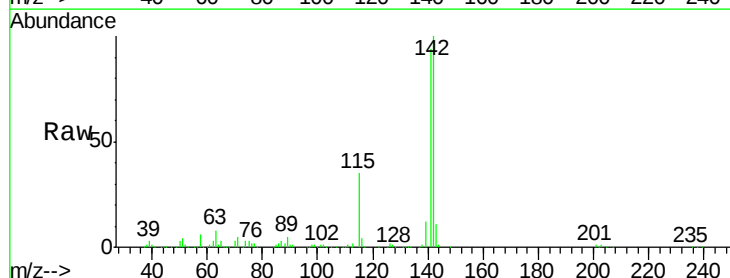
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:142 Resp: 300764
 Ion Ratio Lower Upper
 142 100
 141 90.1 71.0 106.6
 115 33.5 27.3 40.9



#38
 1-Methylnaphthalene
 Concen: 40.502 ng
 RT: 12.73 min Scan# 1641
 Delta R.T. -0.02 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

Tgt Ion:142 Resp: 284156
 Ion Ratio Lower Upper
 142 100
 141 94.2 74.2 111.4
 116 4.0 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: BG040328.D

Acq: 3 Apr 2019 16:23

Instrument :

BNA_G

ClientSampleId :

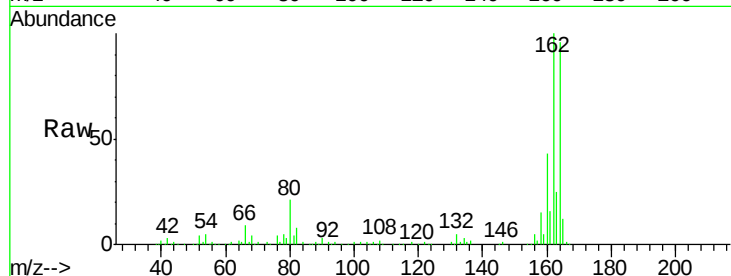
Tot Ion:164 Resp: 119977

Ion Ratio Lower Upper

164 100

162 104.5 77.4 116.2

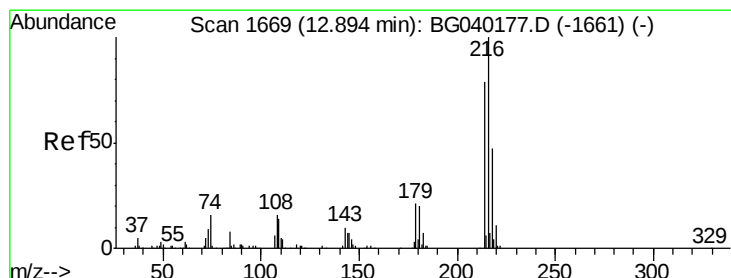
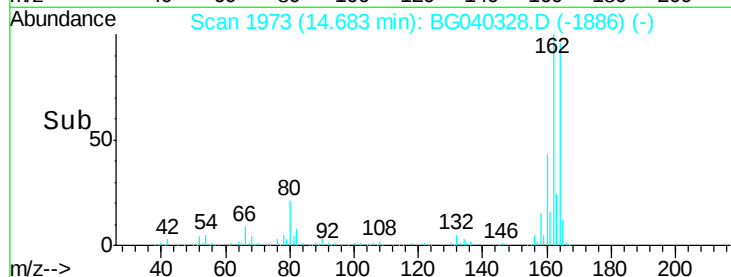
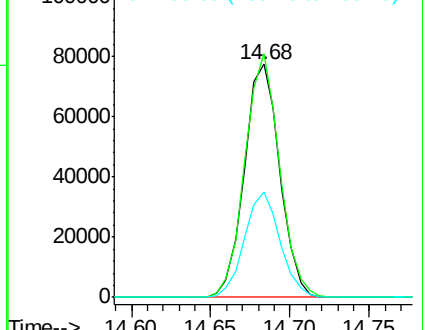
160 45.3 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.221 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Tgt Ion:216 Resp: 153373

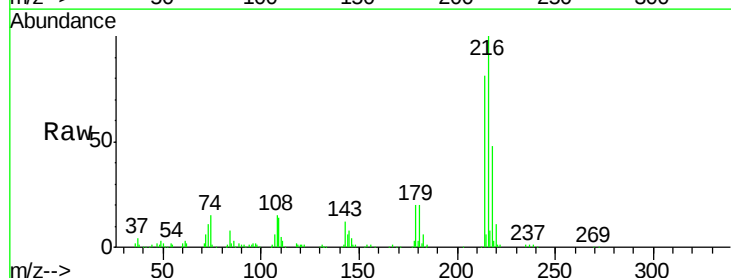
Ion Ratio Lower Upper

216 100

214 80.0 63.5 95.3

179 20.8 16.6 25.0

108 18.9 13.8 20.8

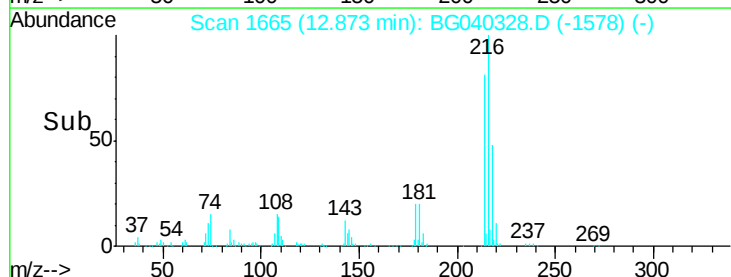
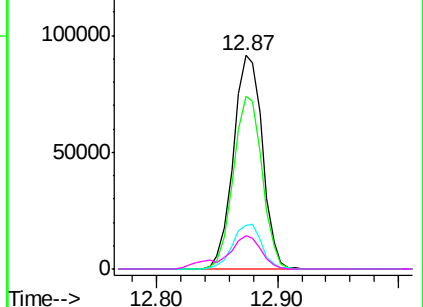


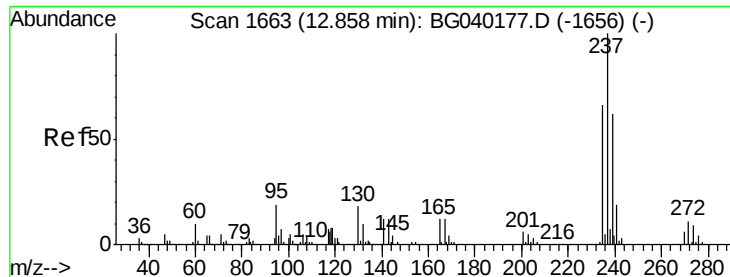
Abundance Ion 216.00 (215.70 to 216.70): E

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: 87.622 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.01 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Instrument :

BNA_G

ClientSampleId :

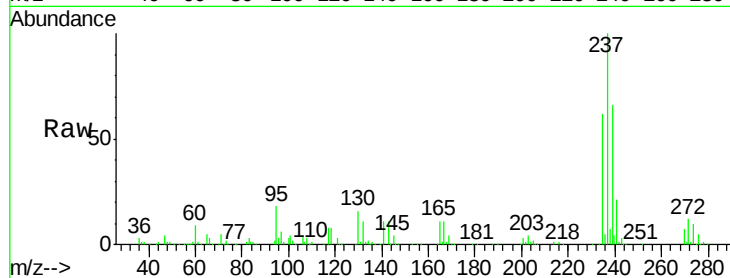
Tot Ion:237 Resp: 183461

Ion Ratio Lower Upper

237 100

235 61.8 46.2 86.2

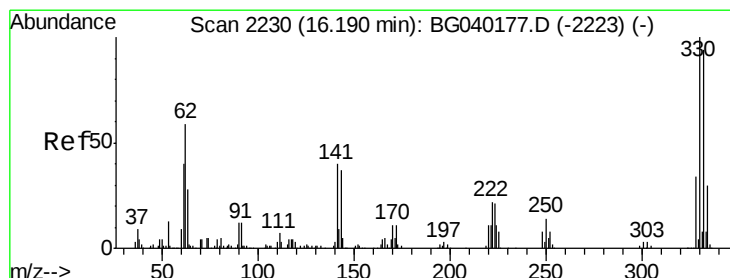
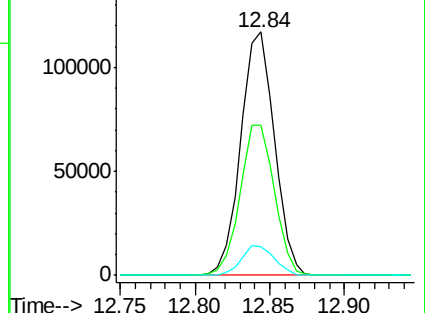
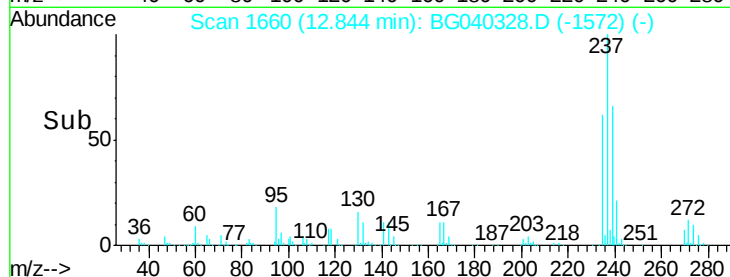
272 11.6 0.0 30.5



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: 161.572 ng

RT: 16.18 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

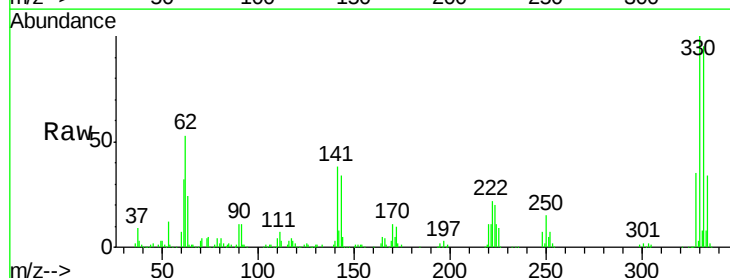
Tgt Ion:330 Resp: 209501

Ion Ratio Lower Upper

330 100

332 96.4 76.6 115.0

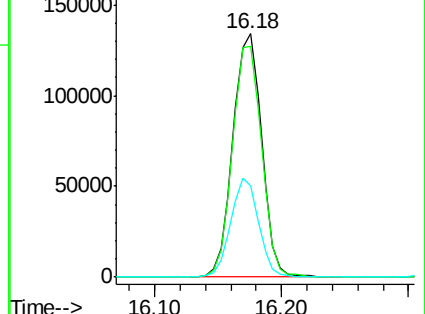
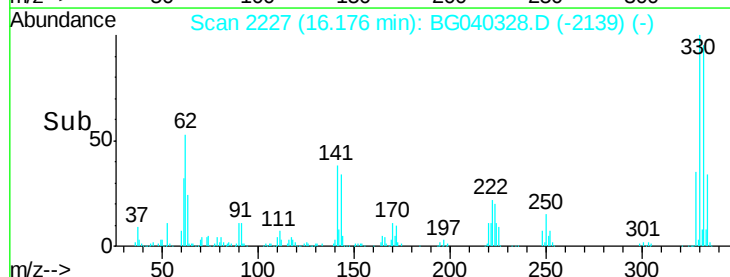
141 39.4 32.6 48.8



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

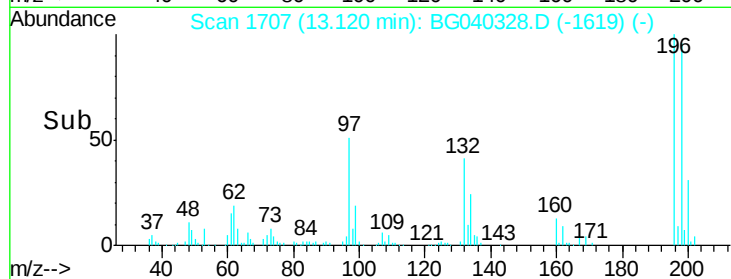
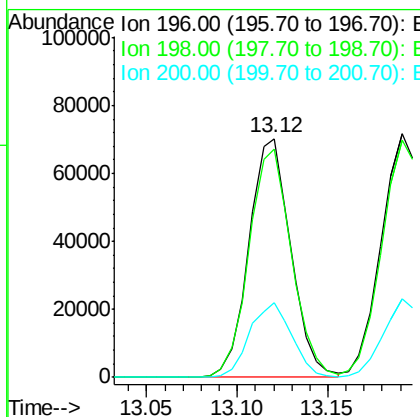
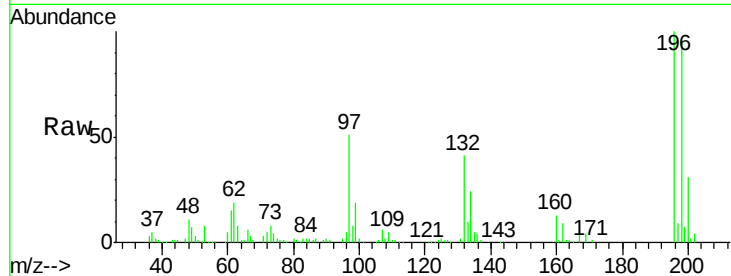




#43
 2,4,6-Trichlorophenol
 Concen: 45.800 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

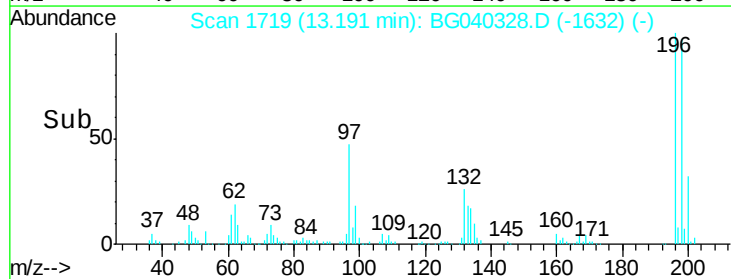
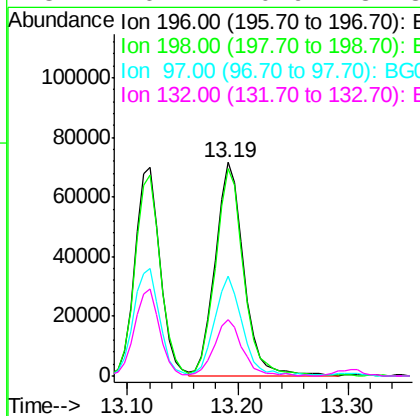
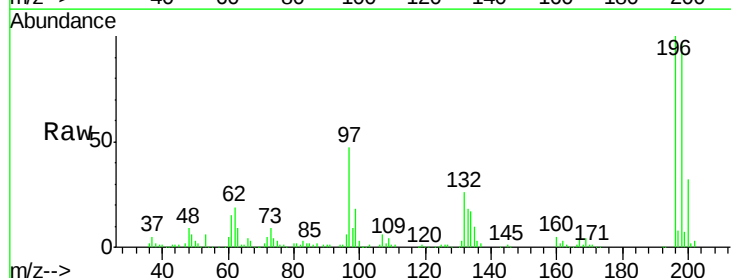
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 112601
 Ion Ratio Lower Upper
 196 100
 198 95.8 78.3 117.5
 200 31.1 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 48.154 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

Tgt Ion:196 Resp: 129042
 Ion Ratio Lower Upper
 196 100
 198 97.2 75.0 112.6
 97 46.7 37.3 55.9
 132 26.4 20.9 31.3

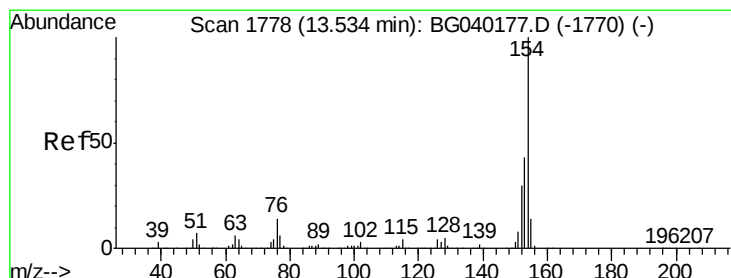
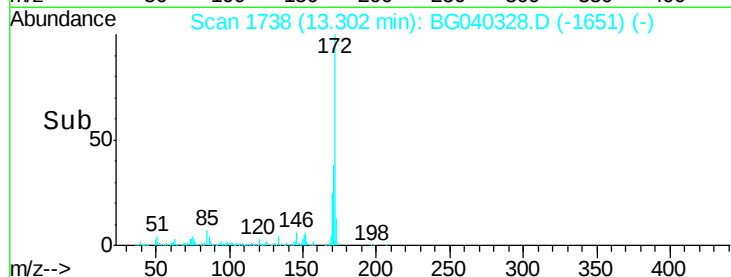
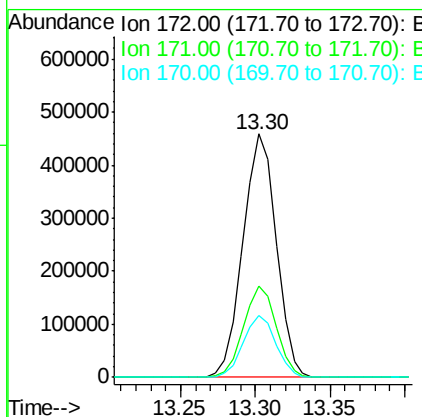
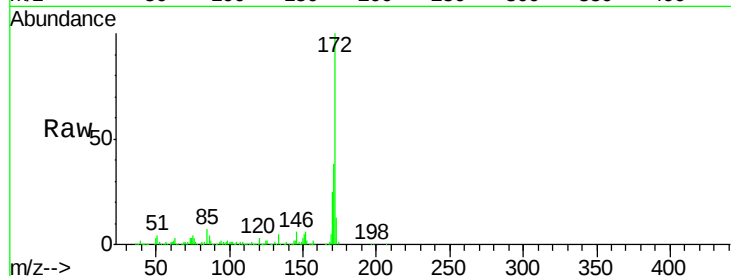




#45
2-Fluorobiphenyl
Concen: 87.245 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

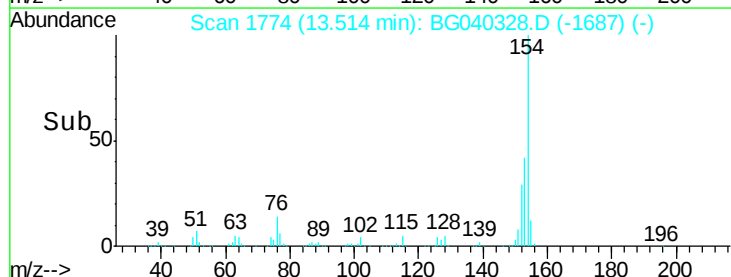
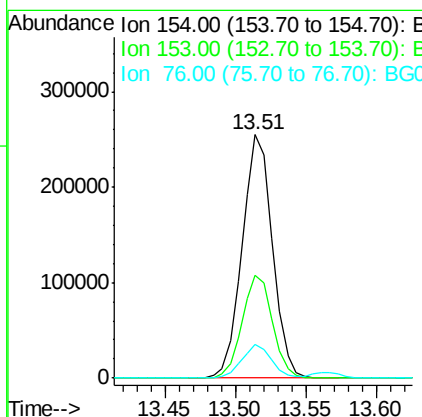
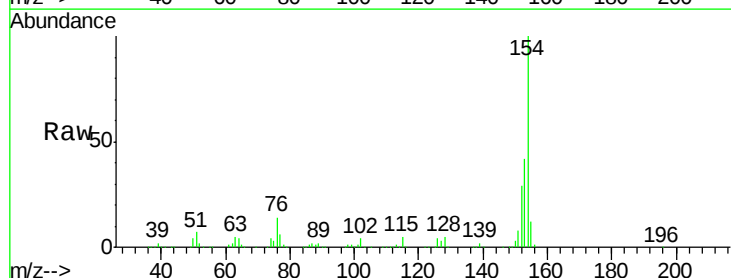
Instrument :
BNA_G
ClientSampleId :

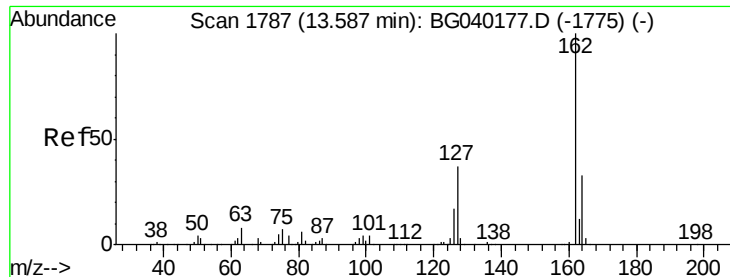
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.5	45.7
170	25.4	20.1	30.1



#46
1,1'-Biphenyl
Concen: 40.315 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	22.5	62.5
76	13.6	0.0	33.7

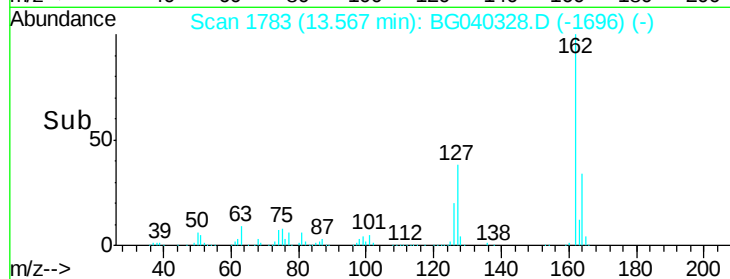
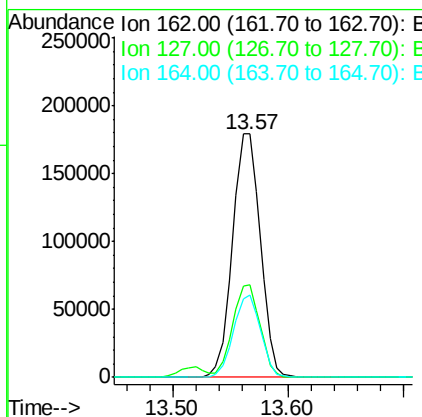
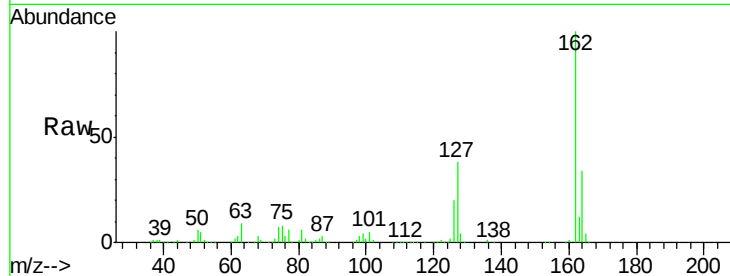




#47
 2-Chloronaphthalene
 Concen: 41.123 ng
 RT: 13.57 min Scan# 1783
 Delta R.T. -0.02 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

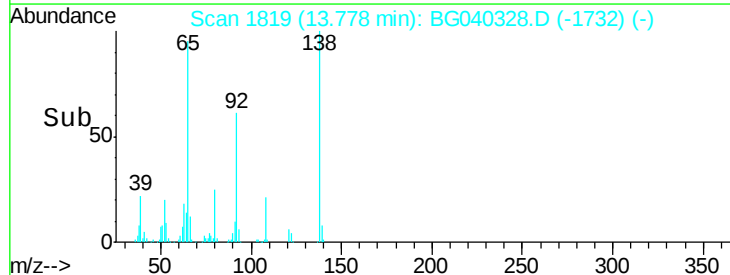
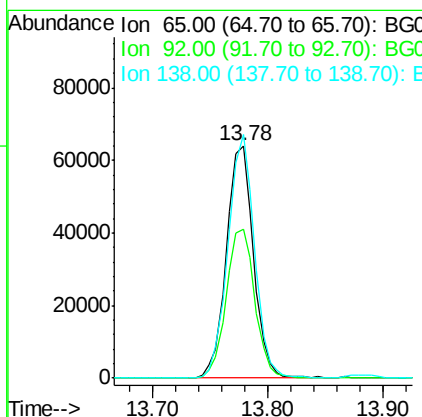
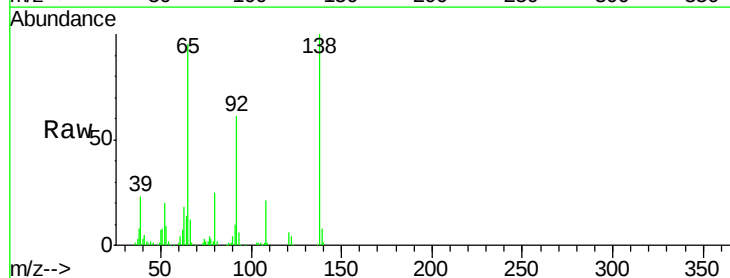
Instrument :
 BNA_G
 ClientSampleId :

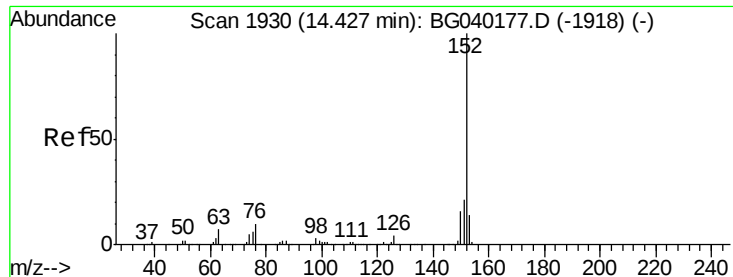
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.8	30.6	45.8
164	34.0	26.2	39.4



#48
 2-Nitroaniline
 Concen: 42.609 ng
 RT: 13.78 min Scan# 1819
 Delta R.T. -0.02 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.2	53.8	80.6
138	104.8	86.3	129.5





#49

Acenaphthylene

Concen: 41.090 ng

RT: 14.41 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Instrument :

BNA_G

ClientSampleId :

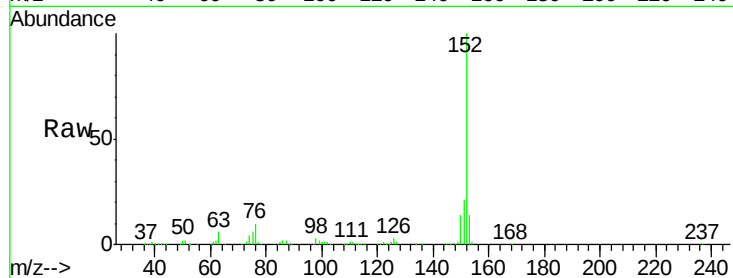
Tot Ion:152 Resp: 506589

Ion Ratio Lower Upper

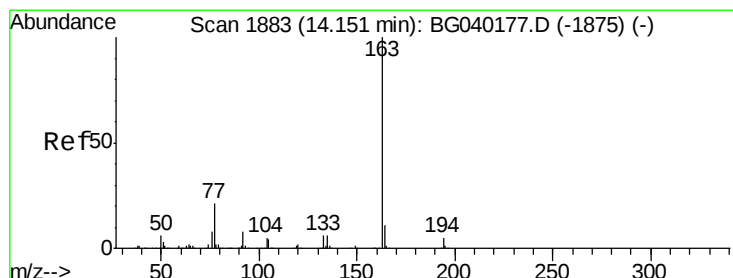
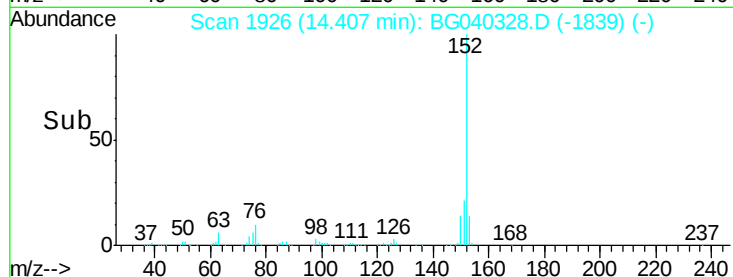
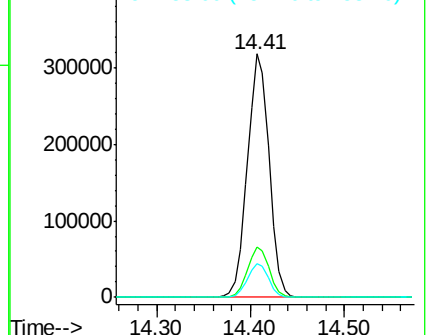
152 100

151 20.6 17.0 25.6

153 13.6 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.431 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

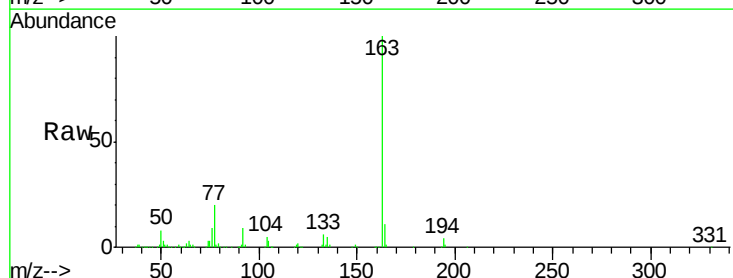
Tgt Ion:163 Resp: 407809

Ion Ratio Lower Upper

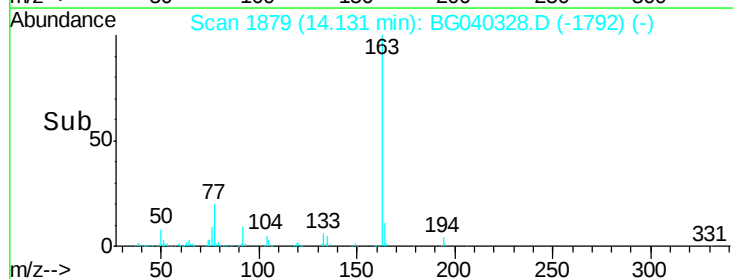
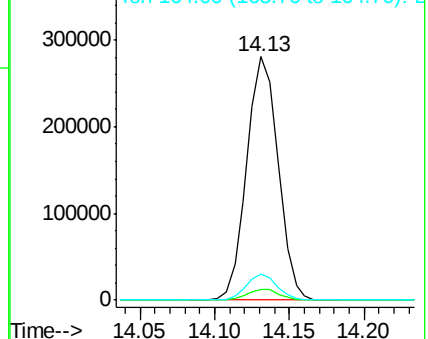
163 100

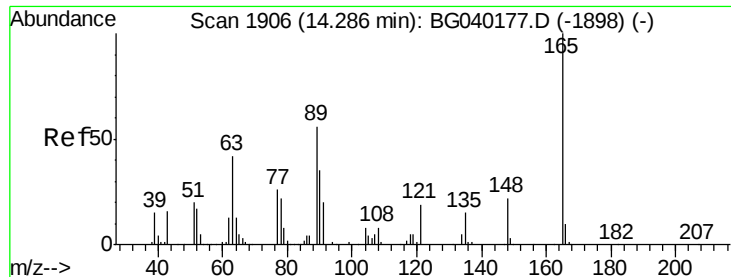
194 4.3 4.1 6.1

164 10.5 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

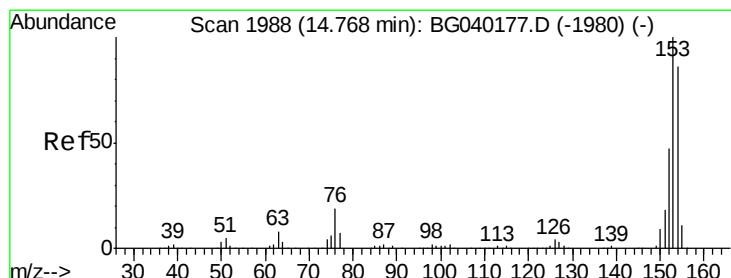
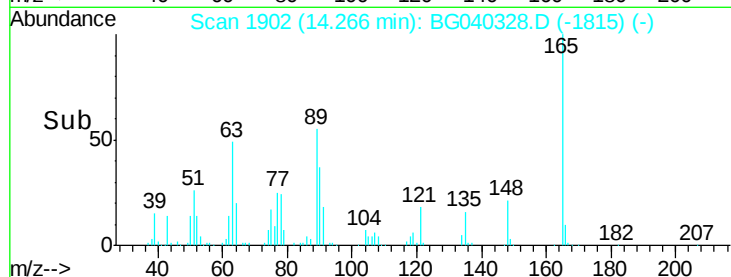
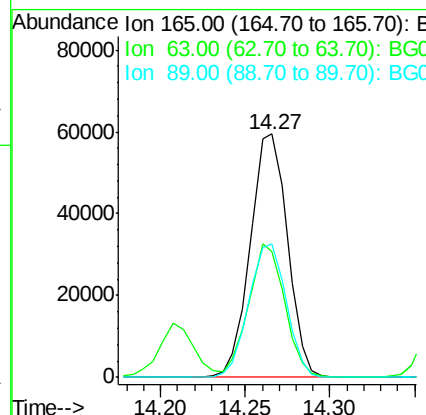
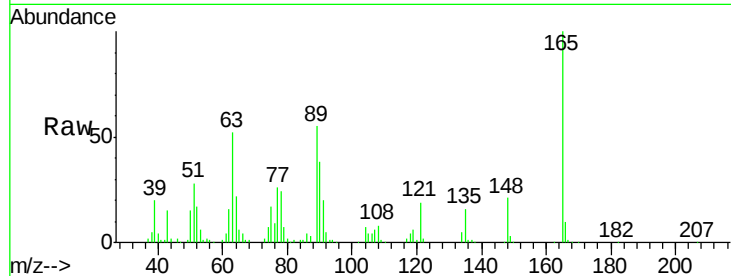




#51
 2,6-Dinitrotoluene
 Concen: 43.364 ng
 RT: 14.27 min Scan# 1902
 Delta R.T. -0.02 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

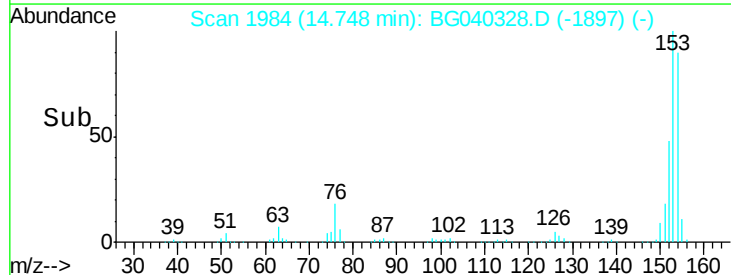
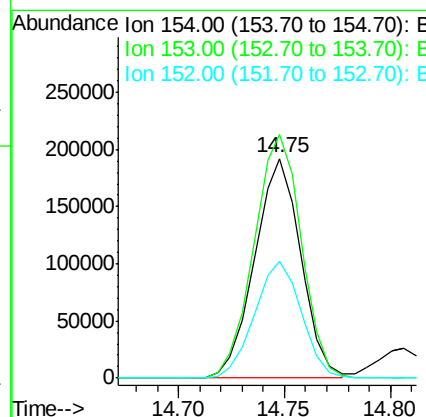
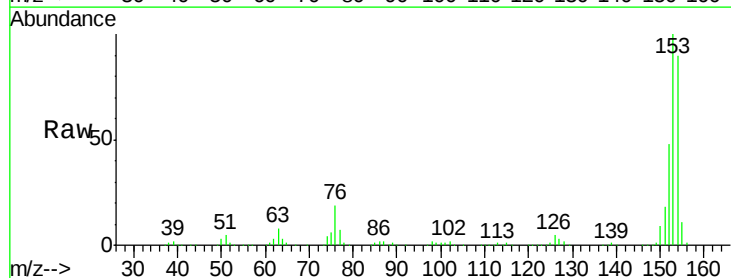
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.9	44.1	66.1
89	55.1	44.9	67.3



#52
 Acenaphthene
 Concen: 41.276 ng
 RT: 14.75 min Scan# 1984
 Delta R.T. -0.02 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.9	92.8	139.2
152	53.2	43.4	65.2





#53

3-Nitroaniline

Concen: 30.837 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Instrument :

BNA_G

ClientSampleId :

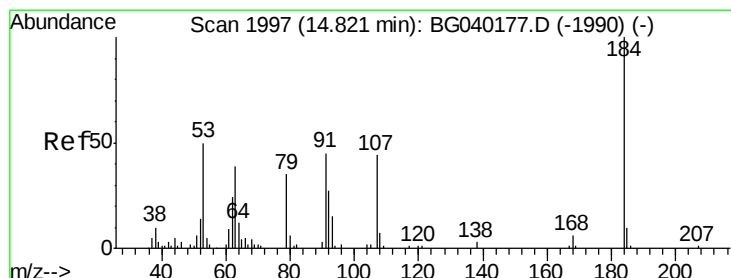
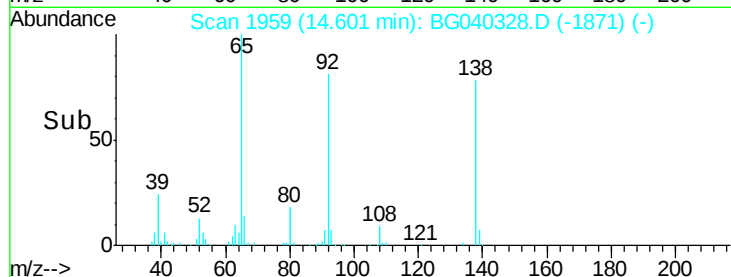
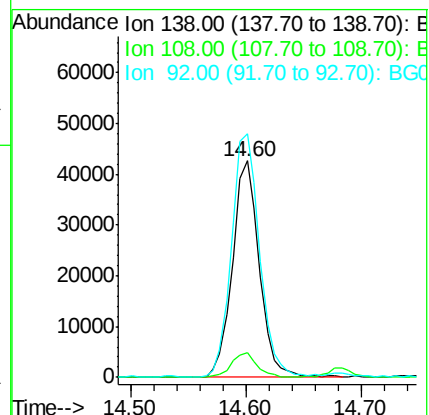
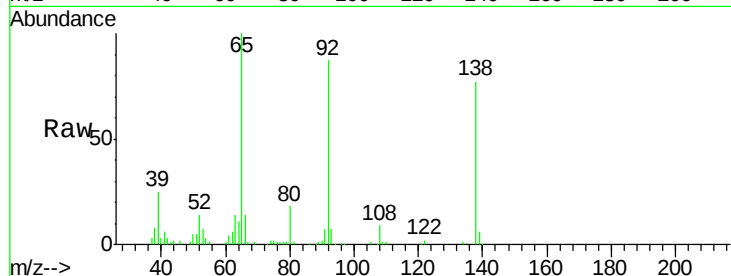
Tot Ion:138 Resp: 68822

Ion Ratio Lower Upper

138 100

108 11.3 7.8 11.8

92 112.4 87.5 131.3



#54

2,4-Dinitrophenol

Concen: 70.760 ng

RT: 14.81 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

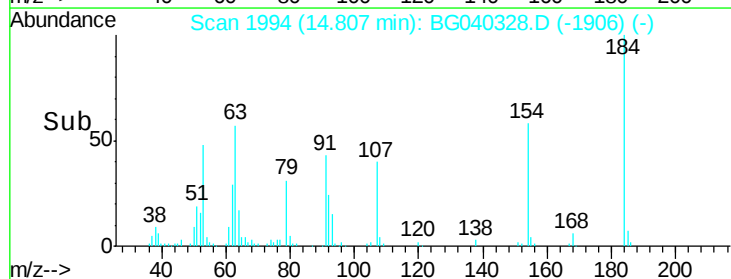
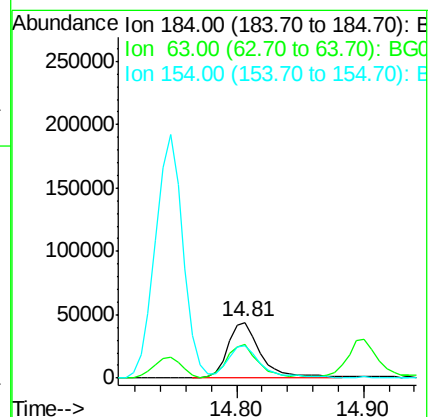
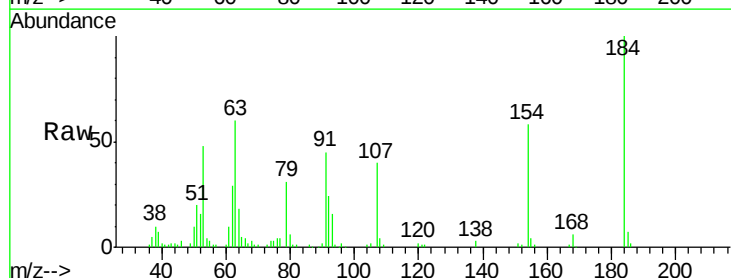
Tgt Ion:184 Resp: 79341

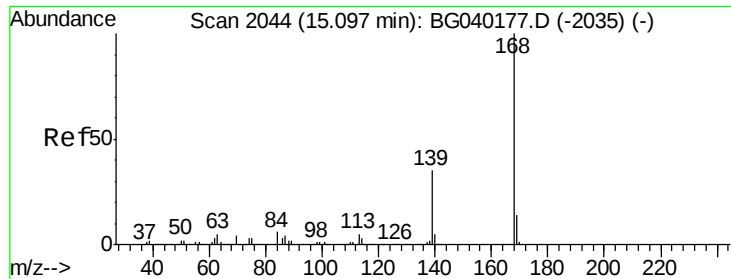
Ion Ratio Lower Upper

184 100

63 59.8 51.8 77.8

154 58.3 50.9 76.3

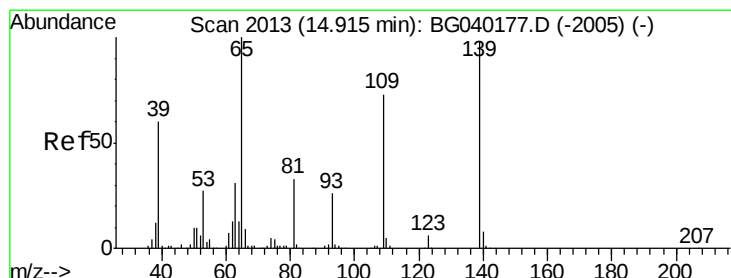
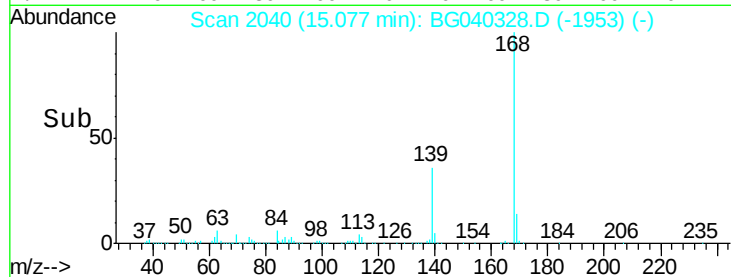
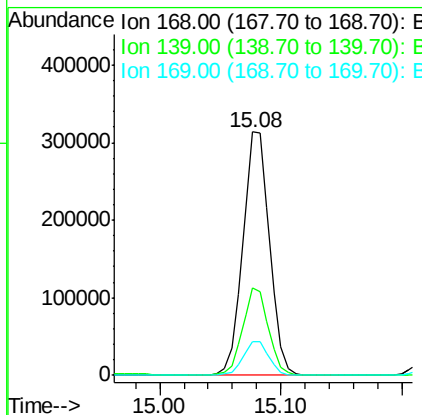
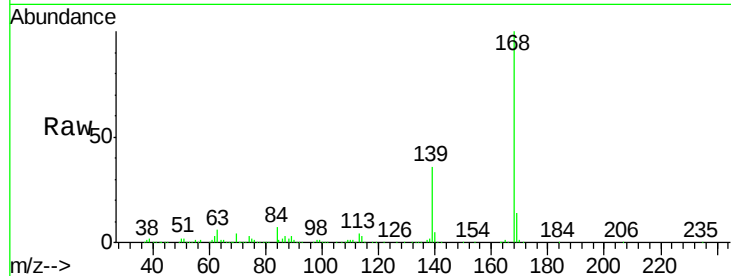




#55
Dibenzenofuran
Concen: 42.450 ng
RT: 15.08 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

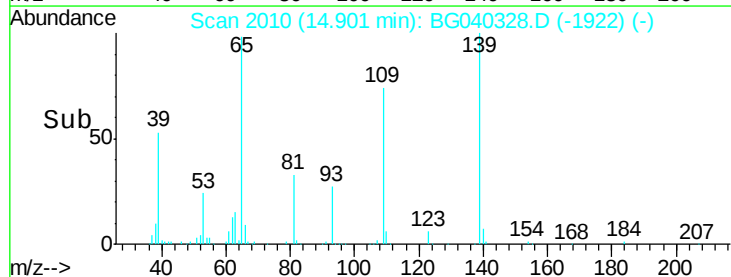
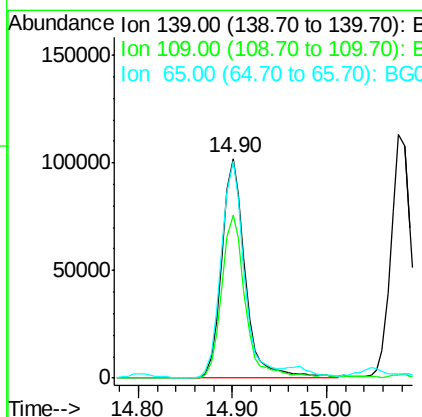
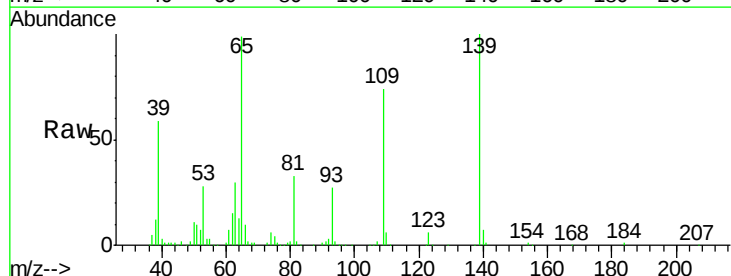
Instrument :
BNA_G
ClientSampleId :

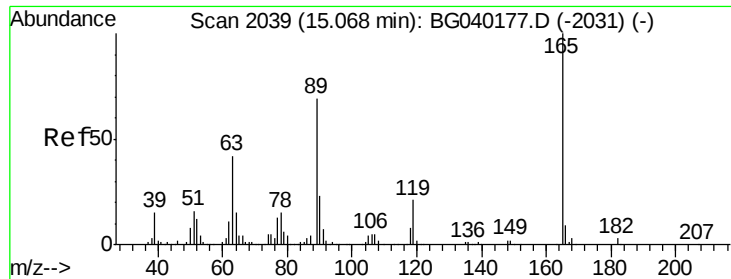
Tot Ion:168 Resp: 481888
Ion Ratio Lower Upper
168 100
139 36.1 27.9 41.9
169 13.8 11.3 16.9



#56
4-Nitrophenol
Concen: 98.870 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Tgt Ion:139 Resp: 178088
Ion Ratio Lower Upper
139 100
109 74.1 54.3 94.3
65 98.6 82.5 122.5

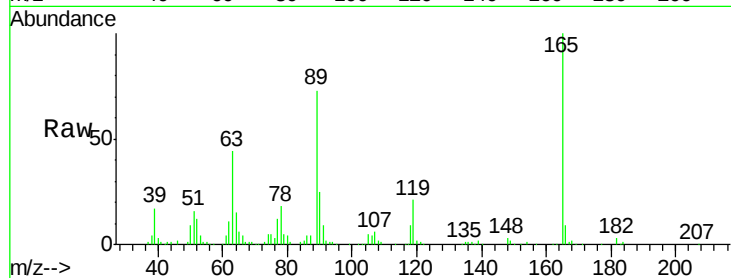




#57
2,4-Dinitrotoluene
Concen: 46.065 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.5	33.8	50.6
89	72.6	55.4	83.2
182	3.2	2.2	3.4

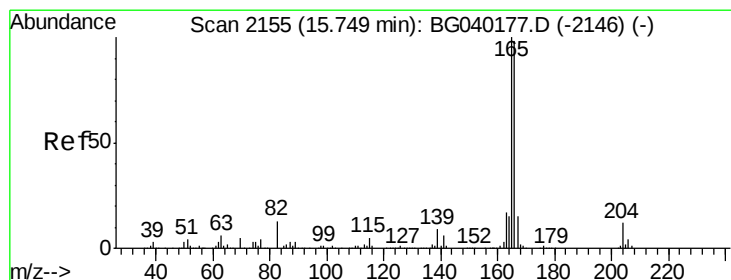
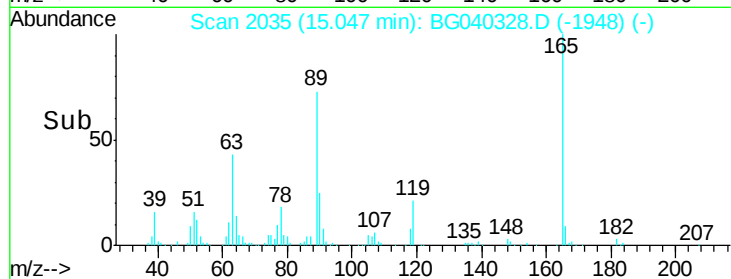
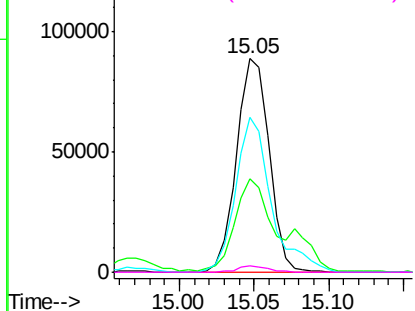


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

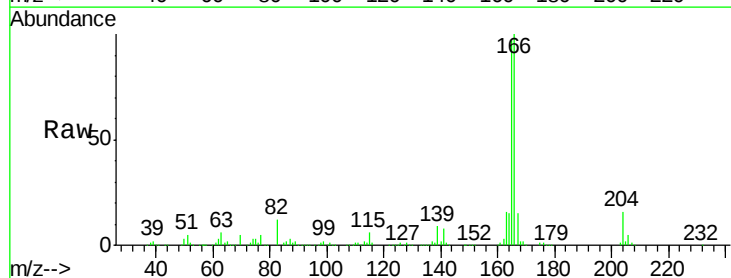
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 43.464 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.02 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

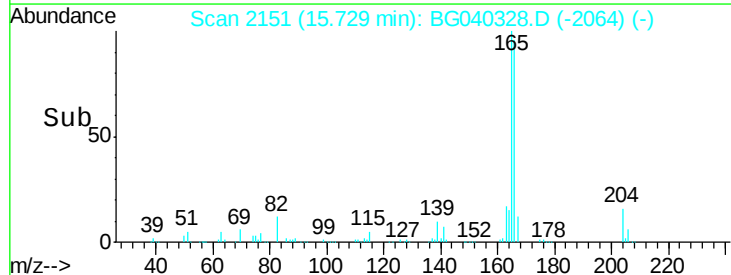
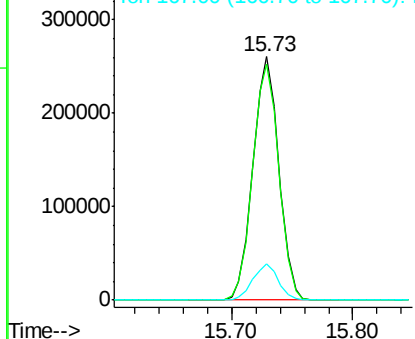
Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.9	81.7	122.5
167	14.8	11.9	17.9



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

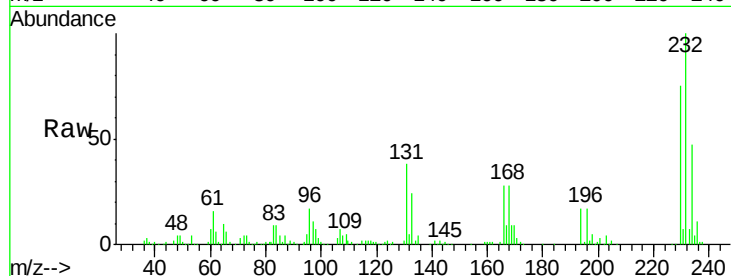




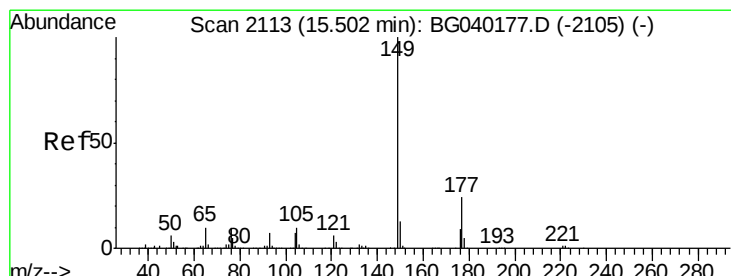
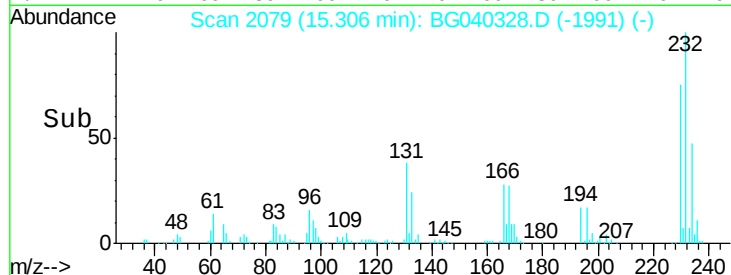
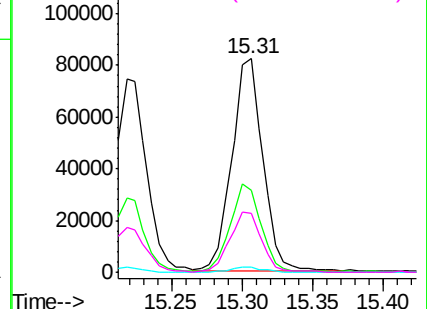
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.708 ng
 RT: 15.31 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	125740
Ion	Ratio	Lower	Upper
232	100		
131	41.8	32.9	49.3
130	2.4	1.8	2.8
166	28.6	23.5	35.3

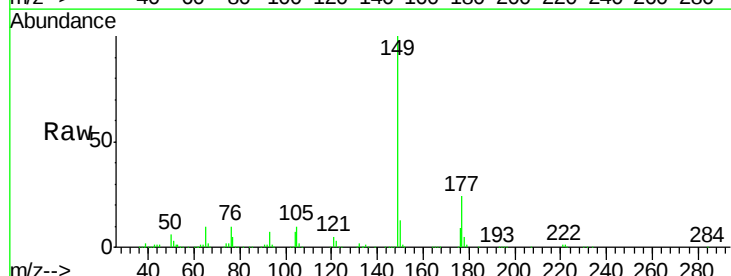


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

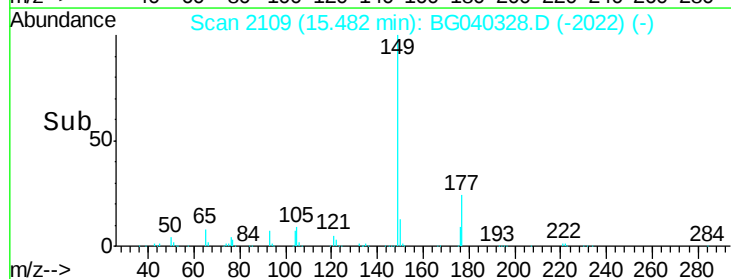
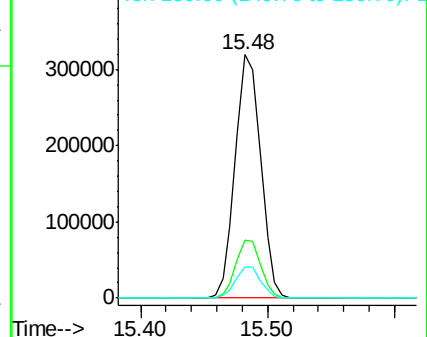


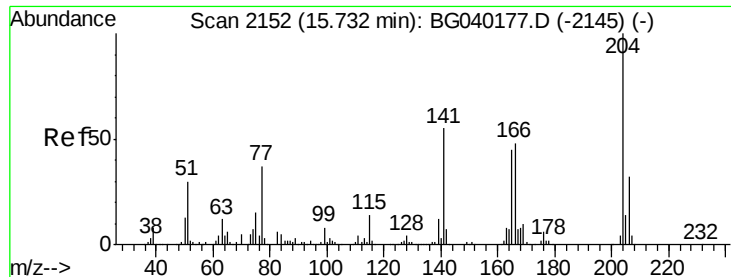
#60
 Diethylphthalate
 Concen: 46.143 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

Tgt Ion:	149	Resp:	443371
Ion	Ratio	Lower	Upper
149	100		
177	24.0	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

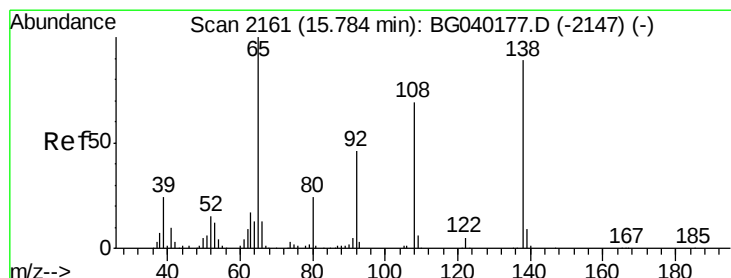
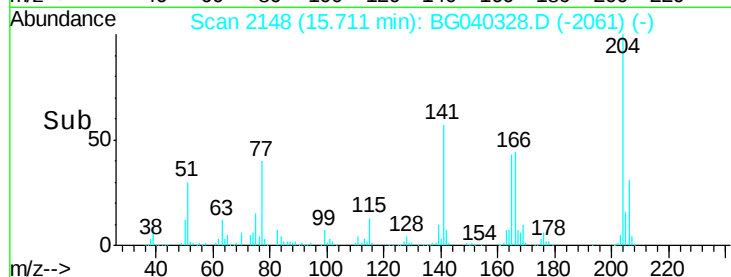
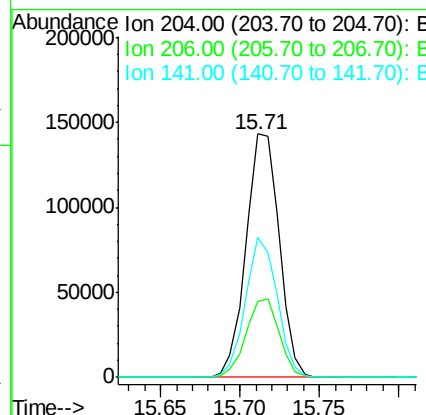
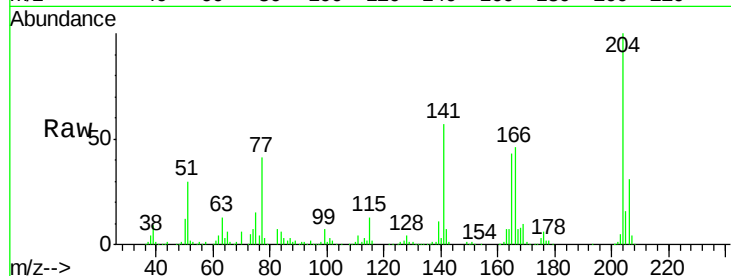




#61
 4-Chlorophenyl-phenylether
 Concen: 43.634 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

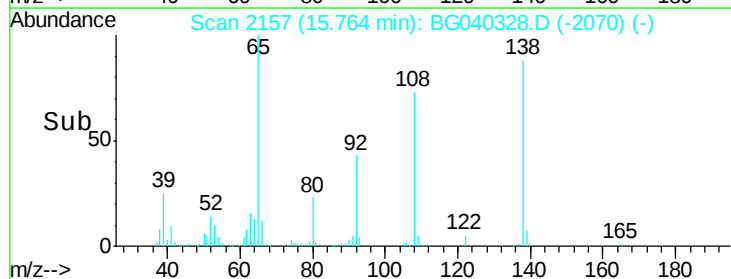
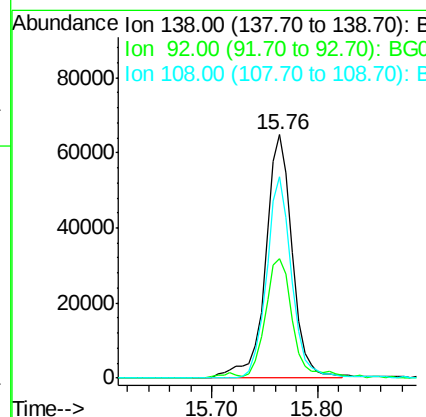
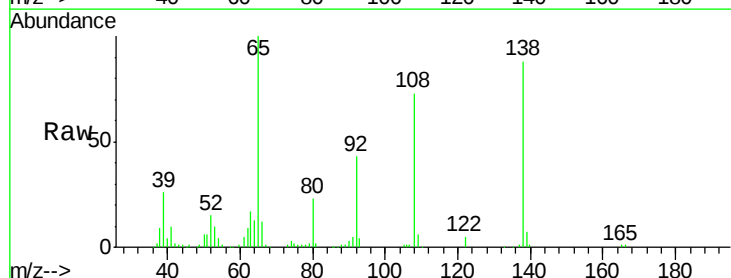
Instrument :
 BNA_G
 ClientSampled :

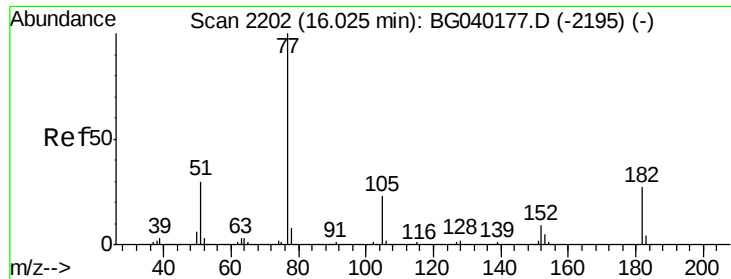
Tot Ion	Ratio	Lower	Upper
204	100		
206	31.4	25.7	38.5
141	57.2	44.0	66.0



#62
 4-Nitroaniline
 Concen: 47.595 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.9	31.8	71.8
108	82.9	57.2	97.2

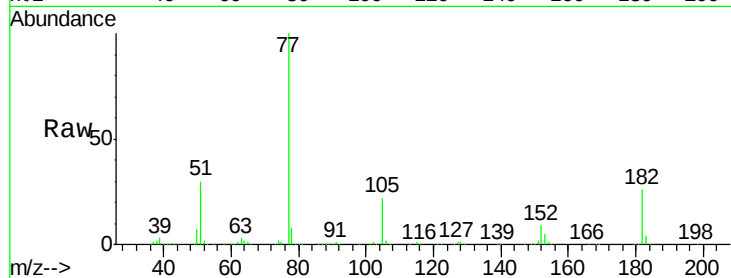




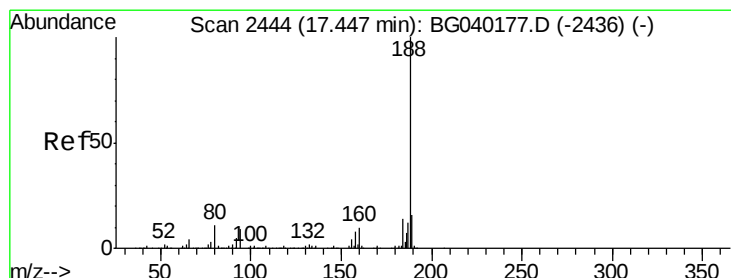
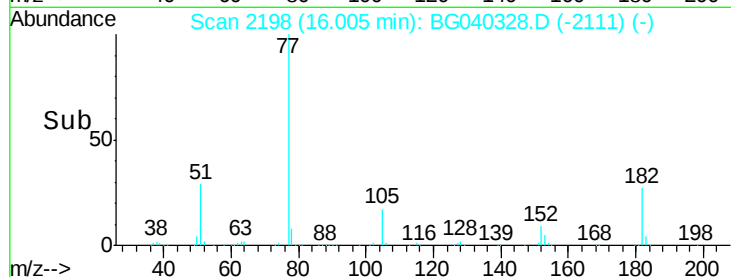
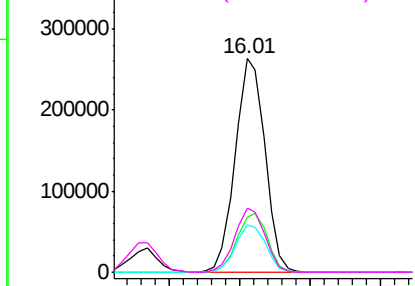
#63
Azobenzene
Concen: 42.532 ng
RT: 16.01 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 385482
Ion Ratio Lower Upper
77 100
182 26.0 7.2 47.2
105 22.1 2.8 42.8
51 30.1 10.4 50.4

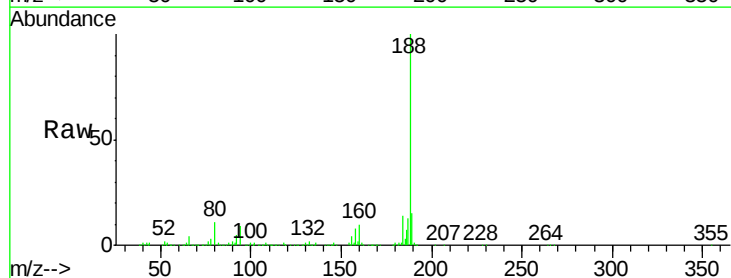


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

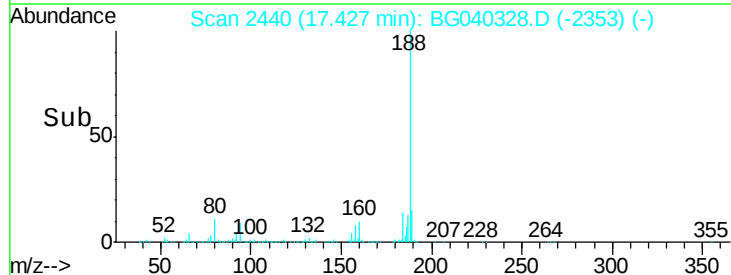
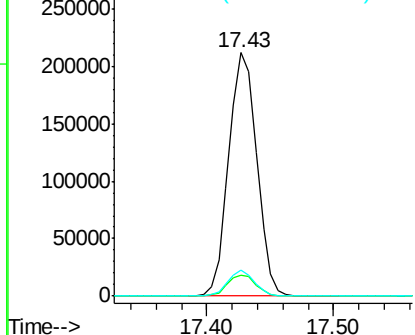


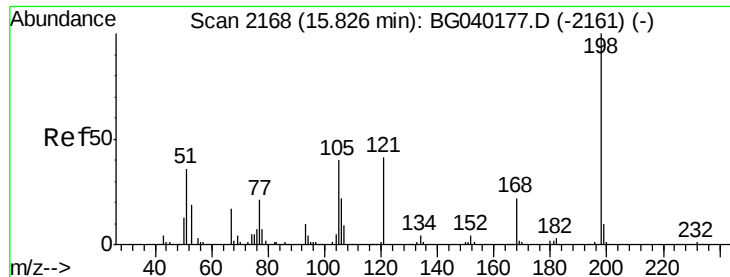
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Tgt Ion: 188 Resp: 324377
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.4
80 10.6 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

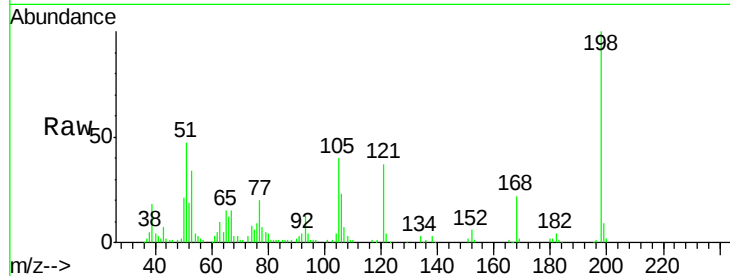




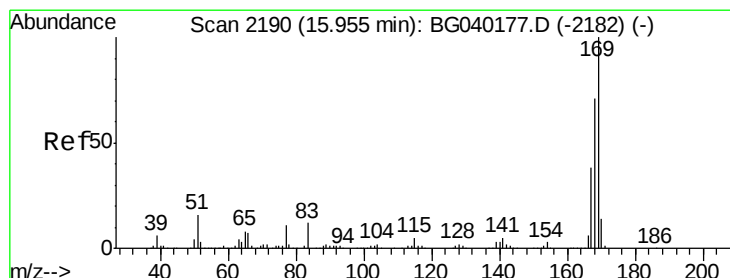
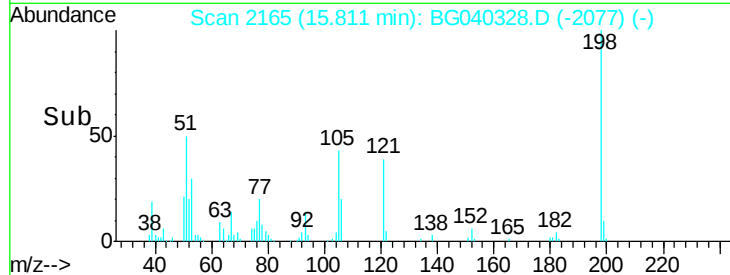
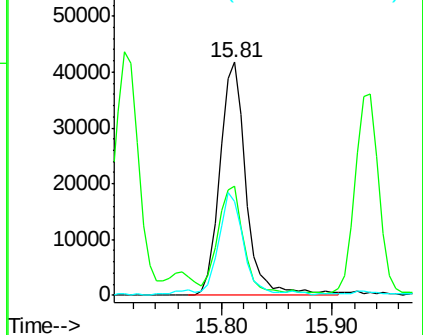
#65
4,6-Dinitro-2-methylphenol
Concen: 37.944 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Instrument :
BNA_G
ClientSampled :

Tot Ion:198 Resp: 69150
Ion Ratio Lower Upper
198 100
51 47.0 27.3 67.3
105 40.4 21.7 61.7

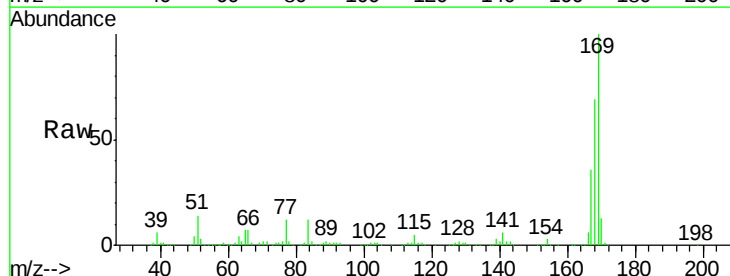


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

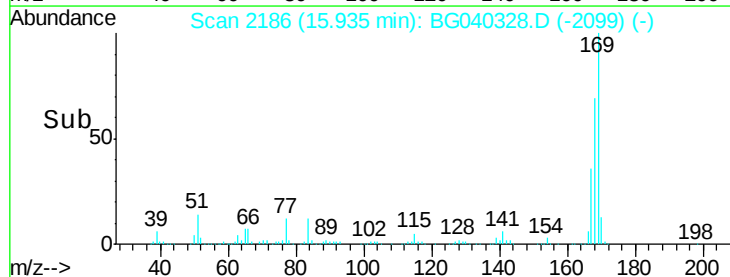
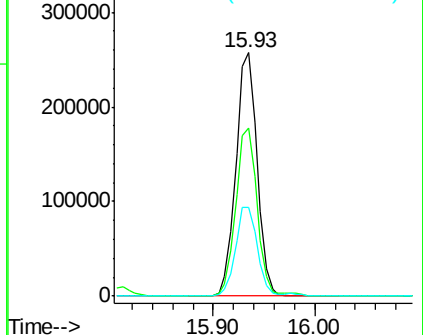


#66
n-Nitrosodiphenylamine
Concen: 39.290 ng
RT: 15.93 min Scan# 2186
Delta R.T. -0.02 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Tgt Ion:169 Resp: 372947
Ion Ratio Lower Upper
169 100
168 69.0 56.8 85.2
167 36.3 30.2 45.4



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

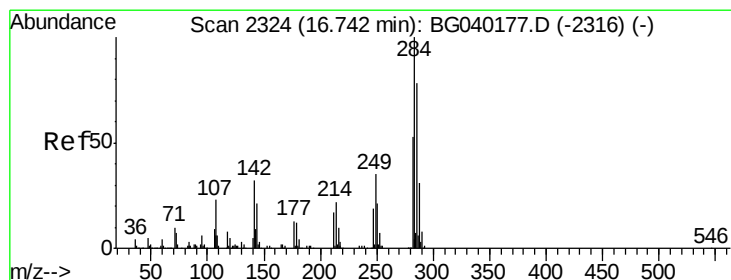
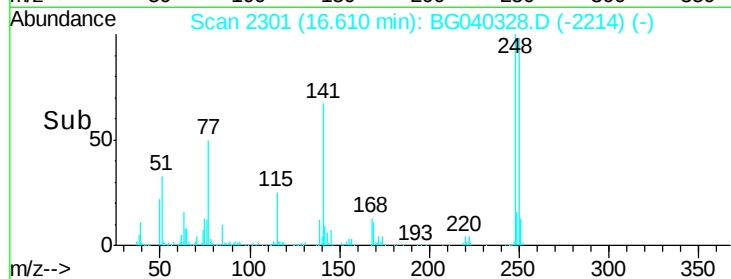
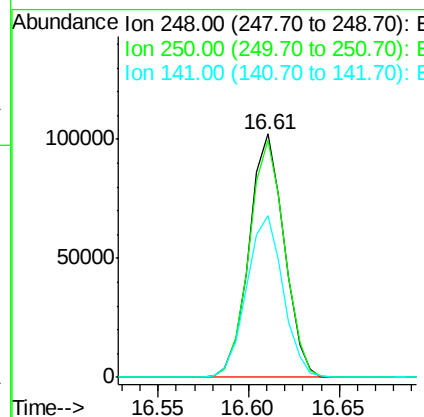
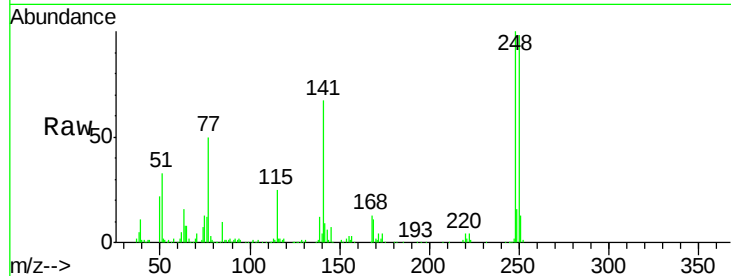




#67
4-Bromophenyl-phenylether
Concen: 37.648 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.02 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

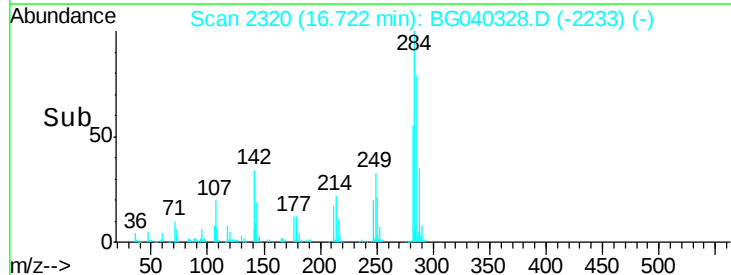
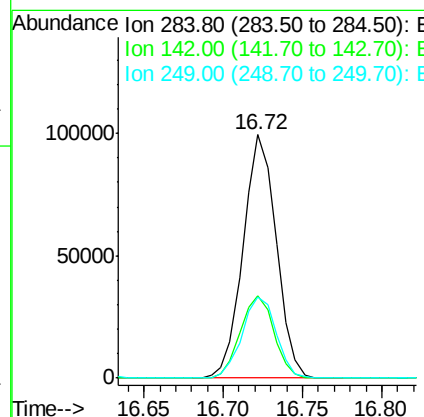
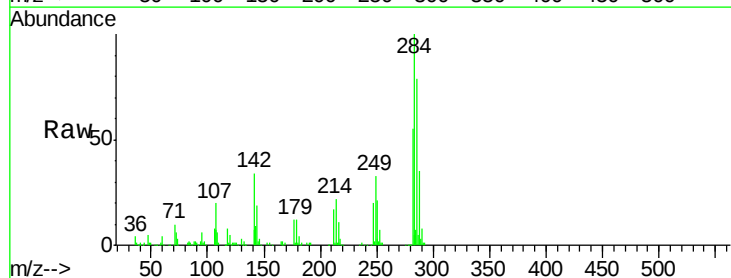
Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 137428
Ion Ratio Lower Upper
248 100
250 97.7 76.4 114.6
141 66.6 53.8 80.8



#68
Hexachlorobenzene
Concen: 39.372 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Tgt Ion:284 Resp: 144507
Ion Ratio Lower Upper
284 100
142 33.8 25.3 37.9
249 33.2 28.2 42.2





#69

Atrazine

Concen: 40.425 ng

RT: 16.87 min Scan# 2346

Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Instrument :

BNA_G

ClientSampleId :

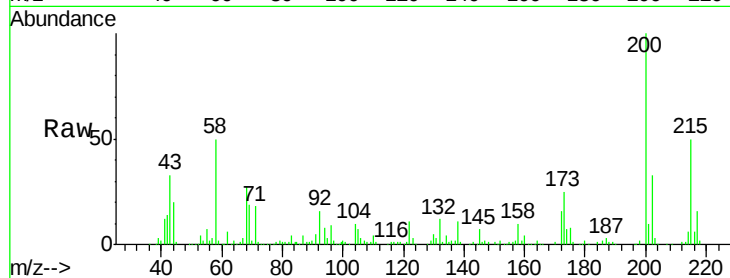
Tot Ion:200 Resp: 142742

Ion Ratio Lower Upper

200 100

173 25.2 7.1 47.1

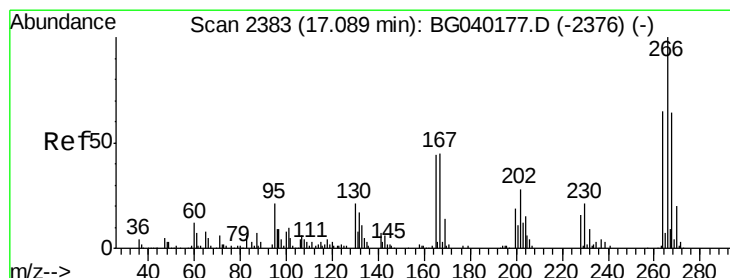
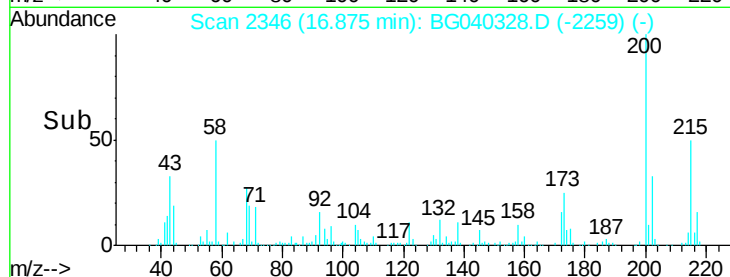
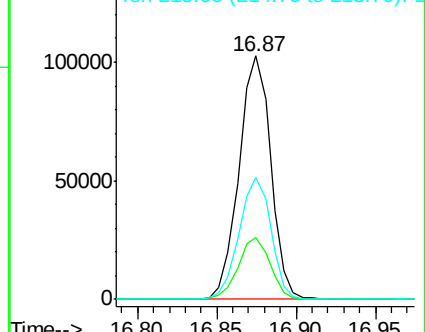
215 50.1 30.9 70.9



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: 75.251 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.01 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

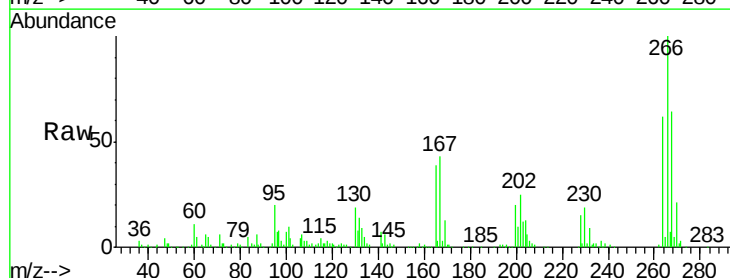
Tgt Ion:266 Resp: 159678

Ion Ratio Lower Upper

266 100

268 64.4 55.0 82.4

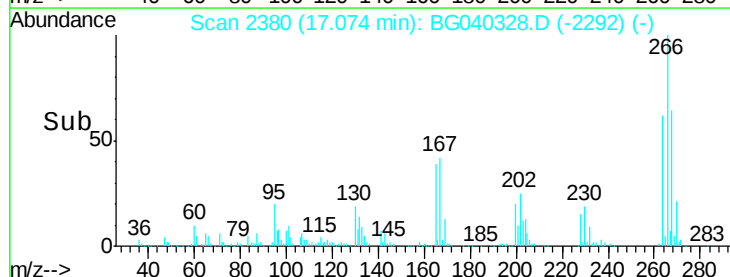
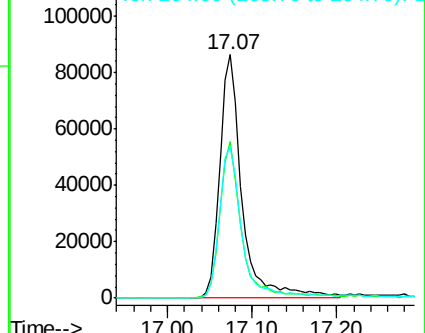
264 62.0 51.8 77.8

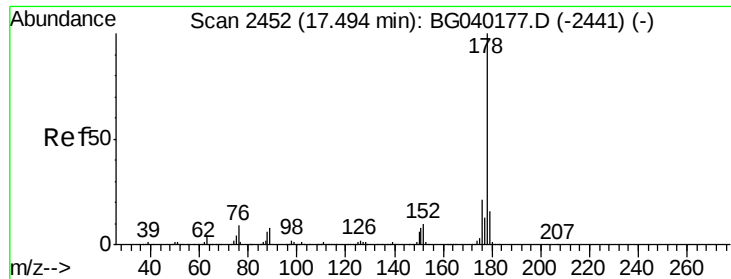


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

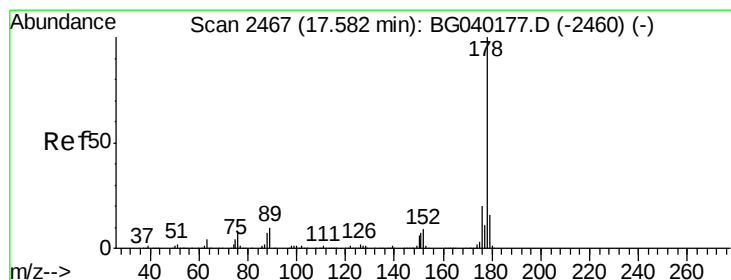
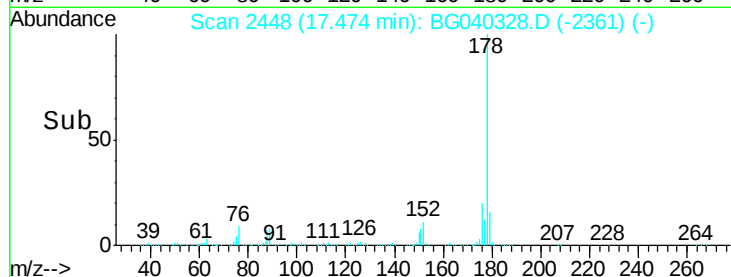
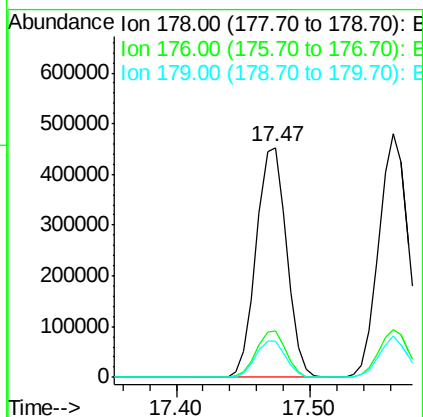
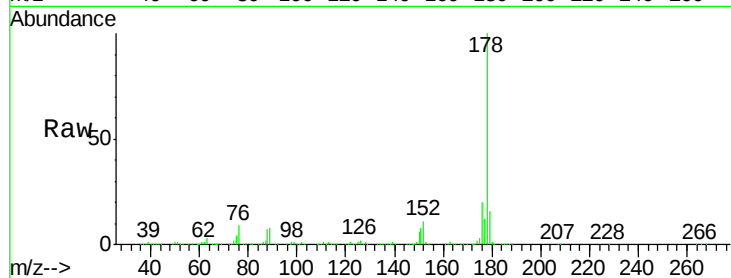




#71
Phenanthrene
Concen: 41.657 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.02 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

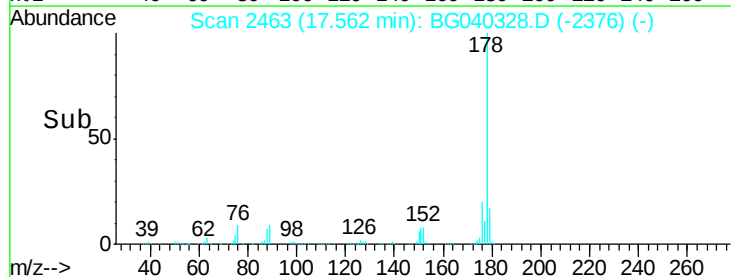
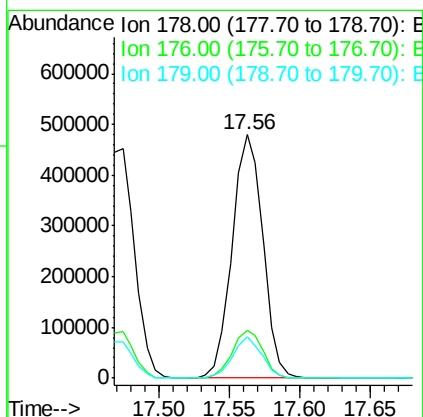
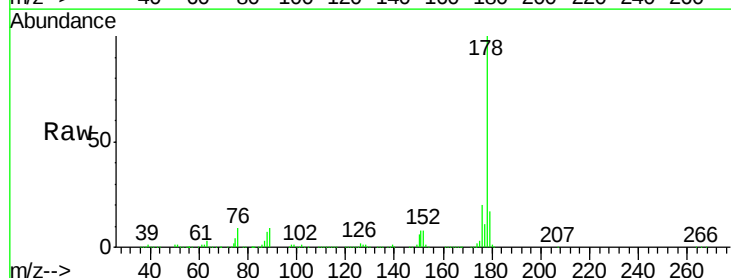
Instrument :
BNA_G
ClientSampleId :

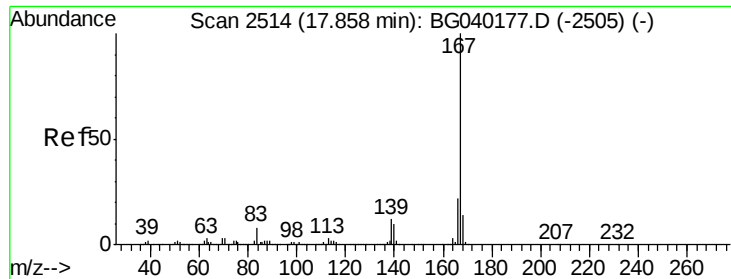
Tot Ion:178 Resp: 710246
Ion Ratio Lower Upper
178 100
176 20.3 16.7 25.1
179 15.9 12.8 19.2



#72
Anthracene
Concen: 42.421 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Tgt Ion:178 Resp: 723938
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 16.7 12.9 19.3

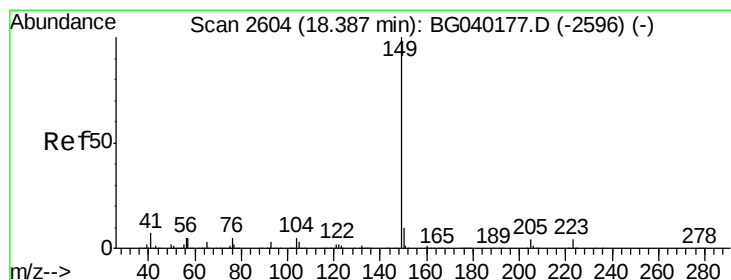
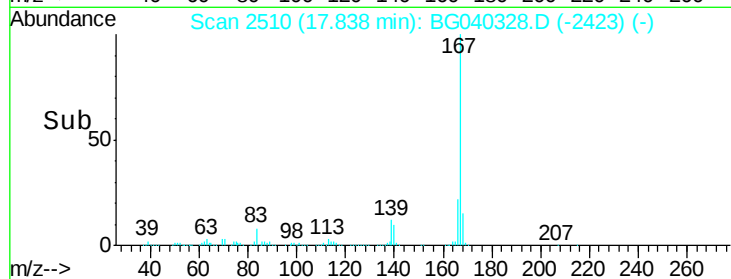
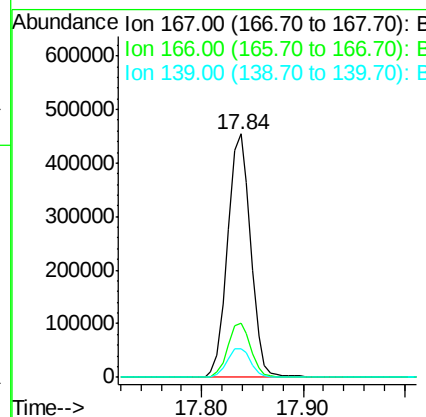
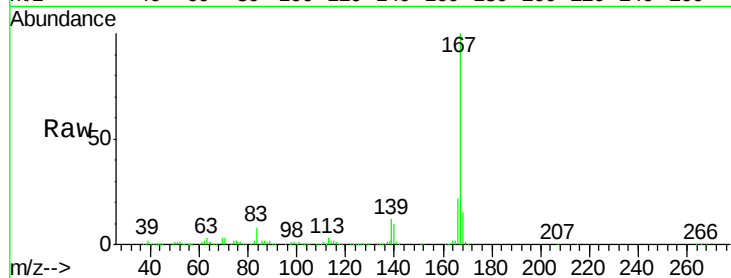




#73
 Carbazole
 Concen: 44.565 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. -0.02 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

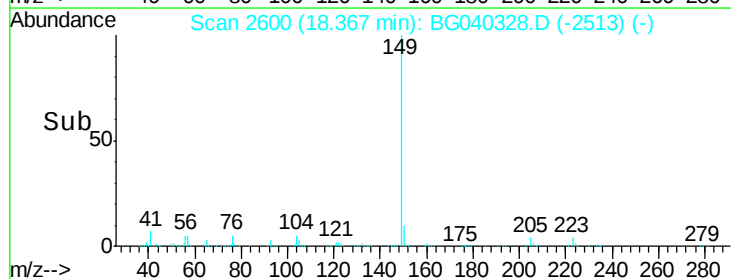
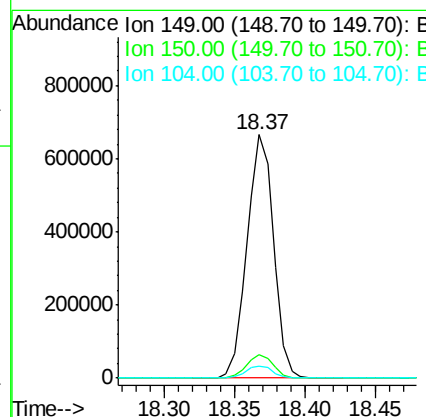
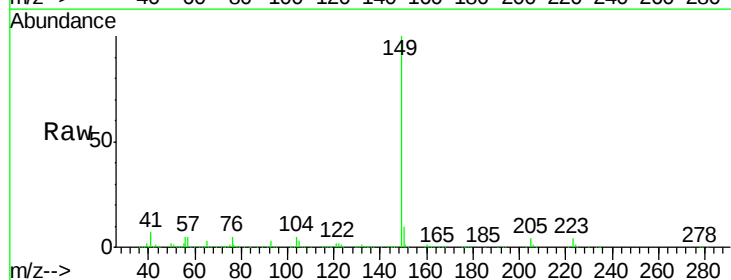
Instrument :
 BNA_G
 ClientSampleId :

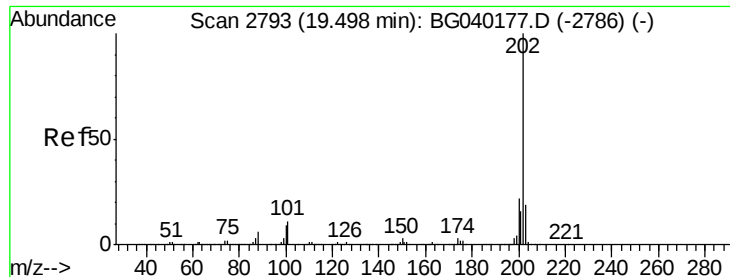
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.5	26.3
139	11.9	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 45.666 ng
 RT: 18.37 min Scan# 2600
 Delta R.T. -0.02 min
 Lab File: BG040328.D
 Acq: 3 Apr 2019 16:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.9	11.9
104	5.0	4.1	6.1





#75

Fluoranthene

Concen: 46.632 ng

RT: 19.48 min Scan# 2789

Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Instrument :

BNA_G

ClientSampleId :

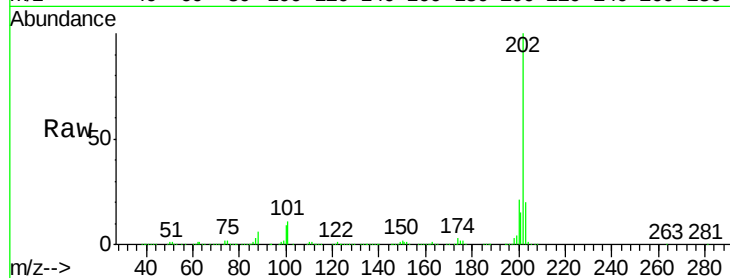
Tot Ion:202 Resp: 941461

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.8

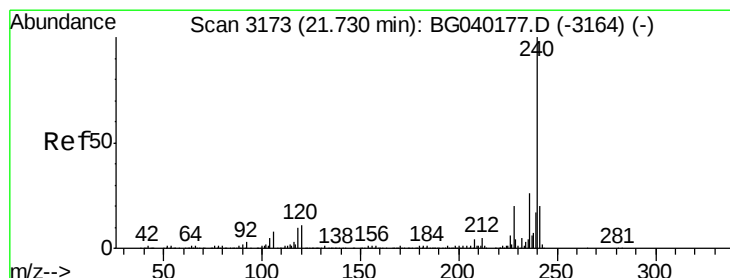
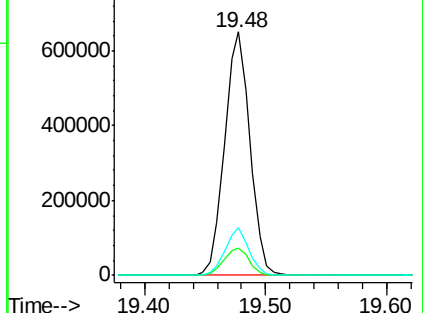
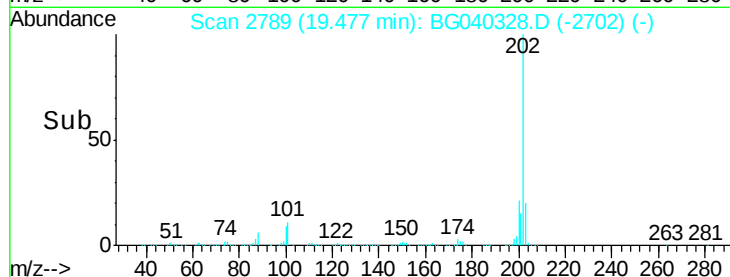
203 19.6 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.03 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

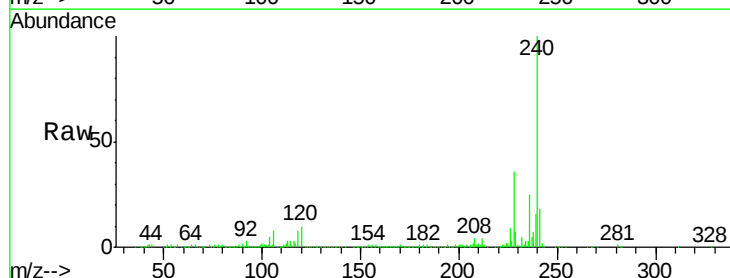
Tgt Ion:240 Resp: 380770

Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

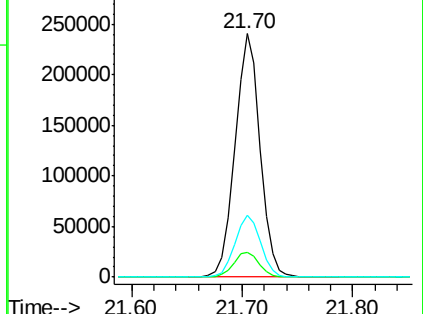
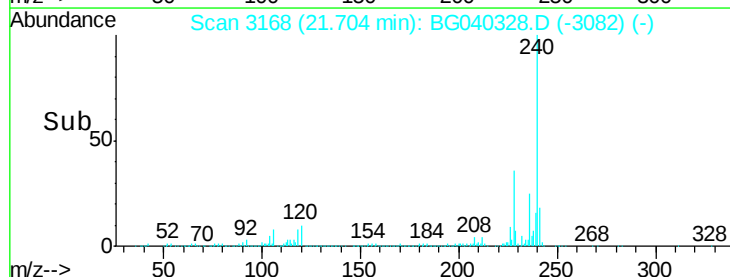
236 25.2 20.8 31.2

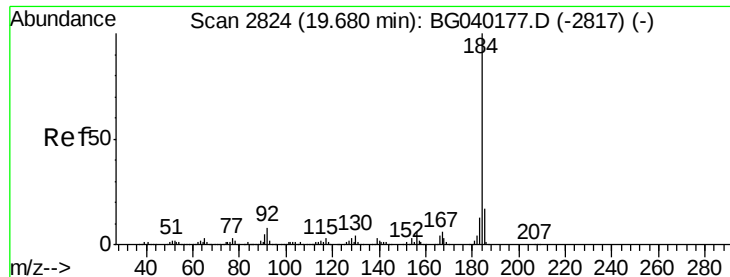


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.333 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Instrument :

BNA_G

ClientSampleId :

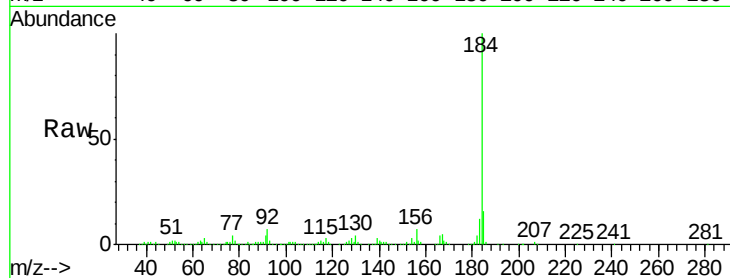
Tot Ion:184 Resp: 444577

Ion Ratio Lower Upper

184 100

185 15.5 13.3 19.9

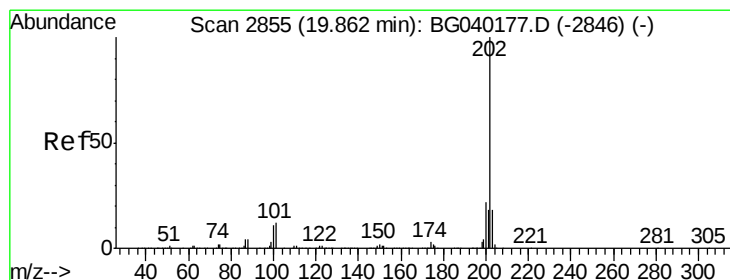
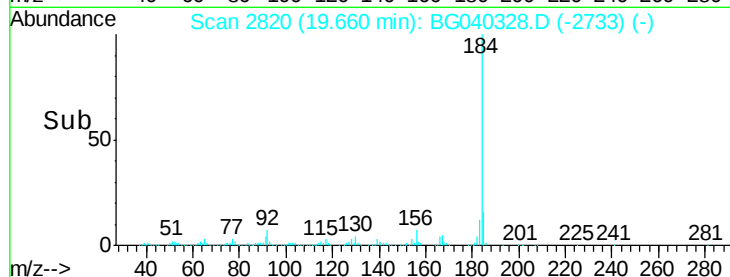
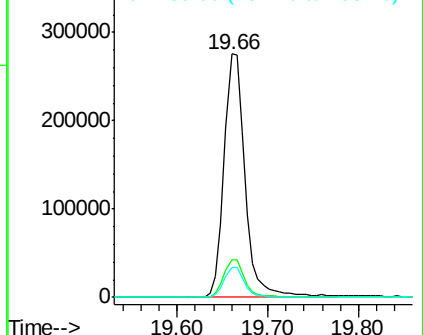
183 12.5 10.3 15.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.776 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

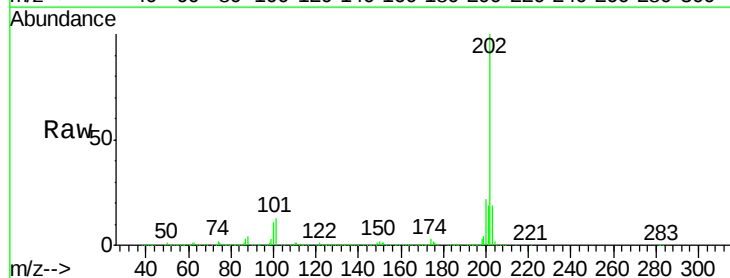
Tgt Ion:202 Resp: 945909

Ion Ratio Lower Upper

202 100

200 21.6 17.3 25.9

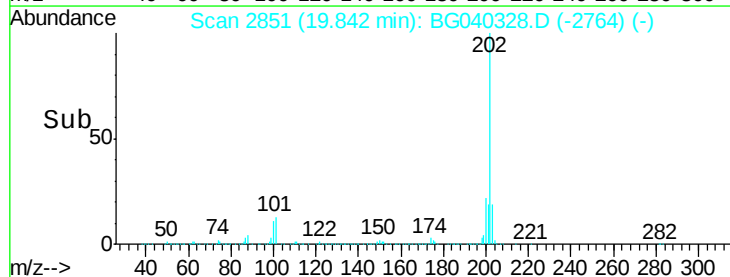
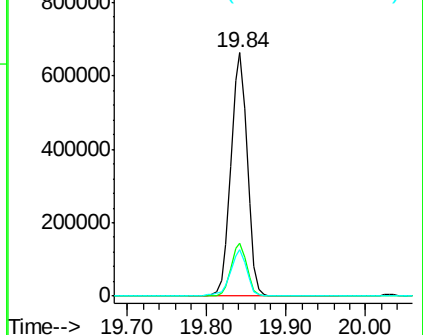
203 19.1 14.6 22.0



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: 81.257 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Instrument :

BNA_G

ClientSampled :

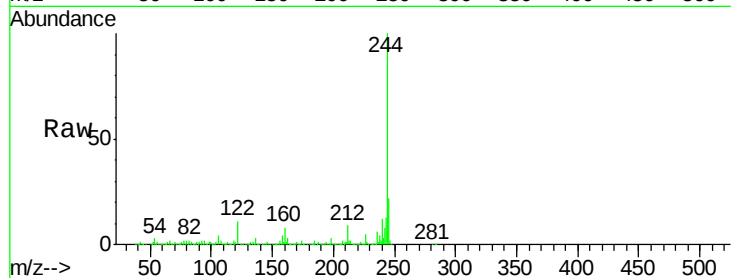
Tot Ion:244 Resp: 1375327

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

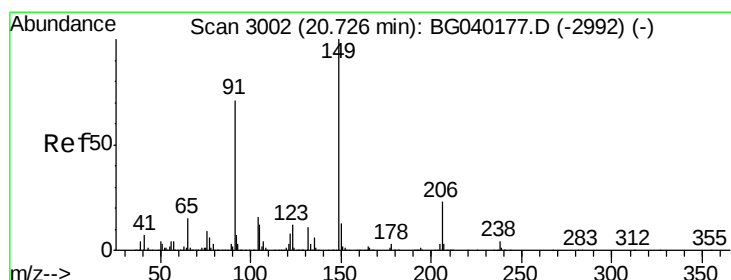
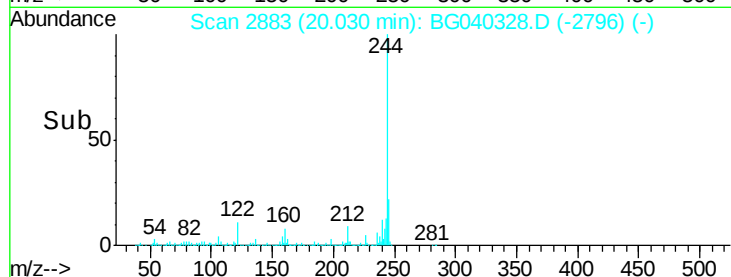
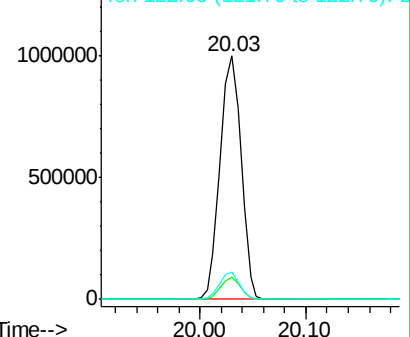
122 11.3 8.5 12.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.381 ng

RT: 20.71 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

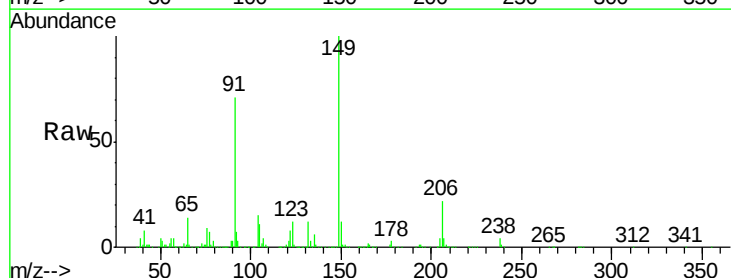
Tgt Ion:149 Resp: 443392

Ion Ratio Lower Upper

149 100

91 70.7 57.0 85.4

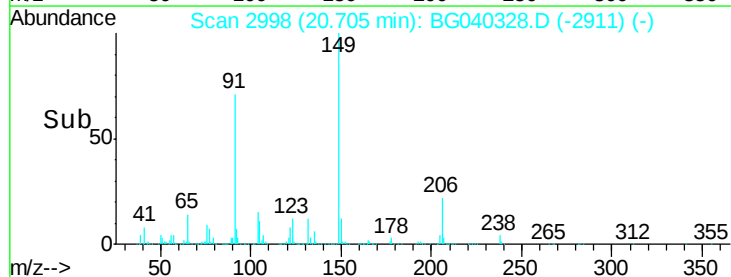
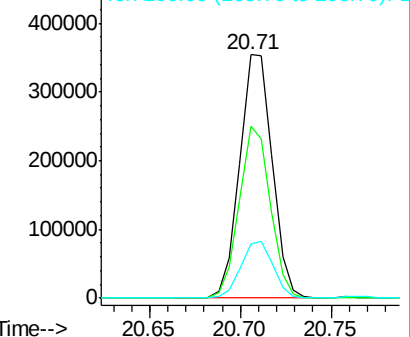
206 22.4 18.2 27.4

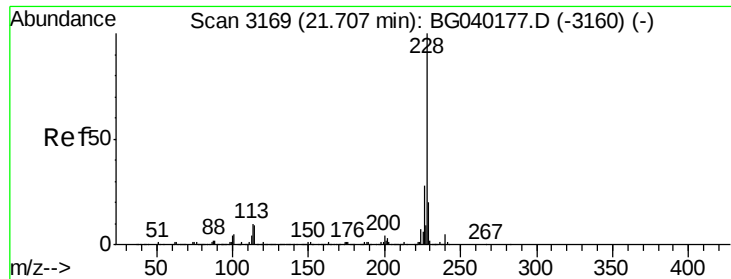


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.426 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG040328.D

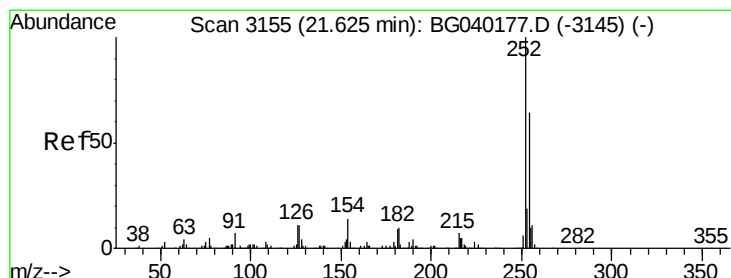
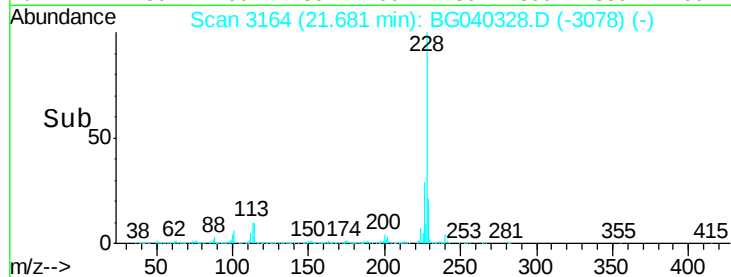
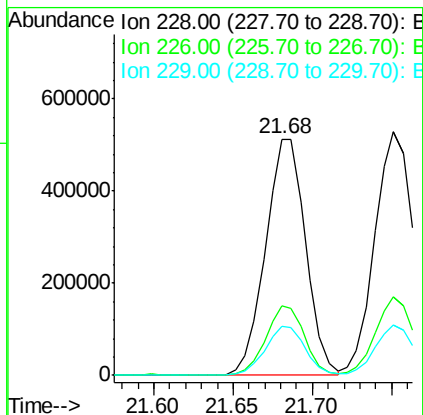
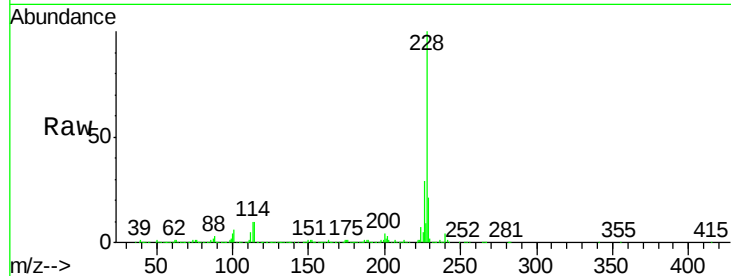
Acq: 3 Apr 2019 16:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion:228	Resp:	901215
Ion	Ratio	Lower Upper
228	100	
226	29.3	22.6 34.0
229	20.8	16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 22.773 ng

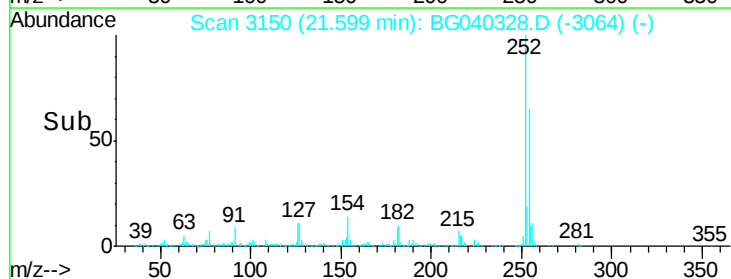
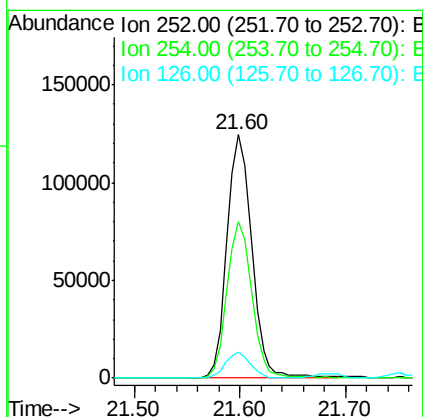
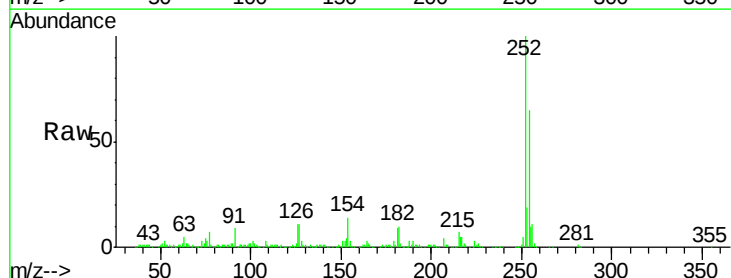
RT: 21.60 min Scan# 3150

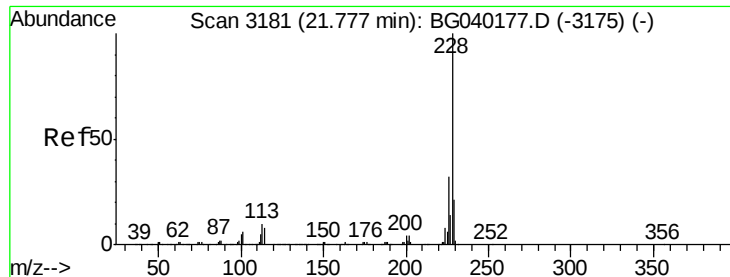
Delta R.T. -0.03 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Tgt Ion:252	Resp:	203178
Ion	Ratio	Lower Upper
252	100	
254	64.6	51.4 77.2
126	10.6	8.5 12.7

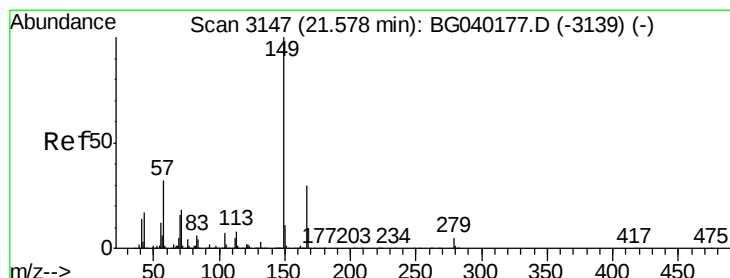
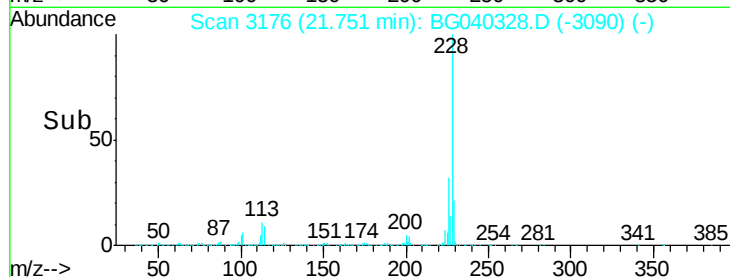
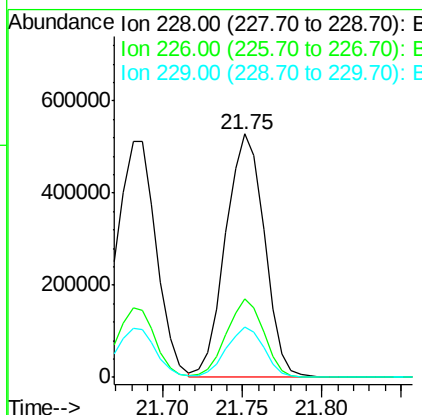
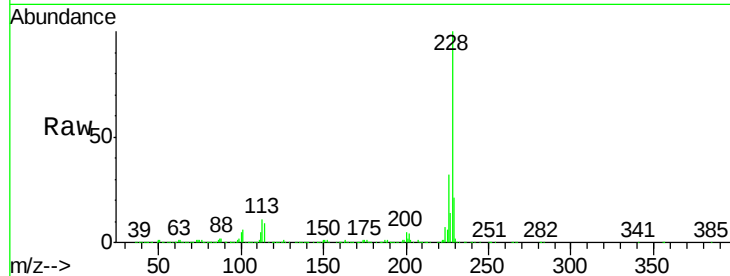




#83
Chrysene
Concen: 39.559 ng
RT: 21.75 min Scan# 3176
Delta R.T. -0.03 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

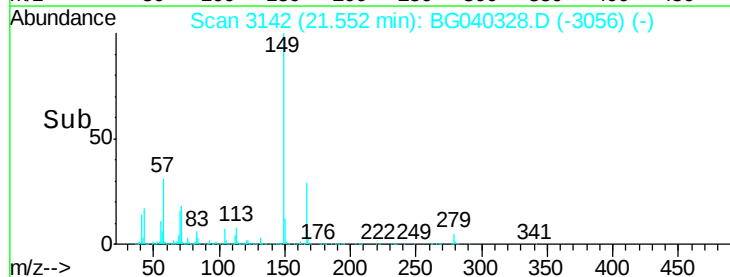
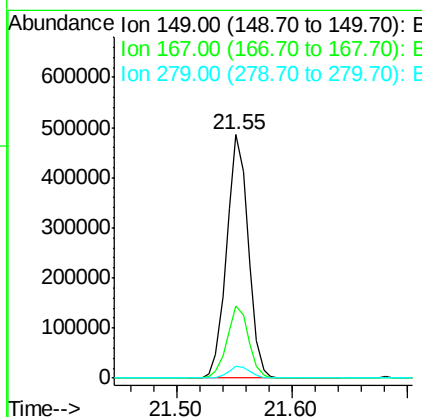
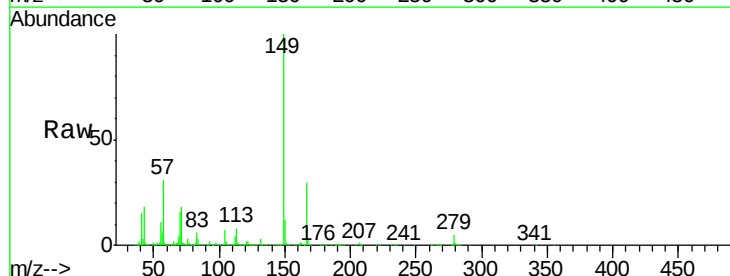
Instrument :
BNA_G
ClientSampleId :

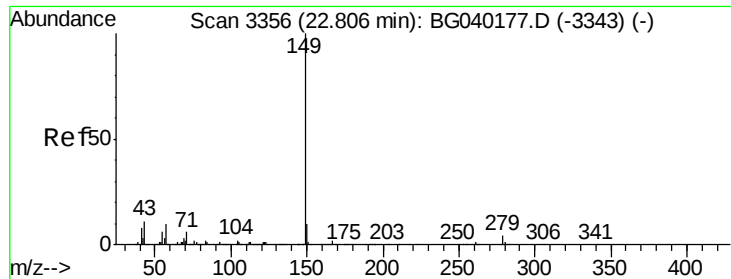
Tot Ion:228 Resp: 891658
Ion Ratio Lower Upper
228 100
226 32.4 25.4 38.0
229 20.7 17.0 25.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.990 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.03 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Tgt Ion:149 Resp: 627822
Ion Ratio Lower Upper
149 100
167 29.5 24.1 36.1
279 4.7 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 40.988 ng

RT: 22.77 min Scan# 3350

Delta R.T. -0.03 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Instrument :

BNA_G

ClientSampleId :

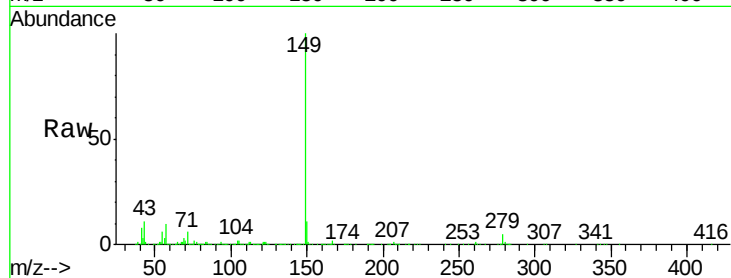
Tot Ion:149 Resp: 1069608

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

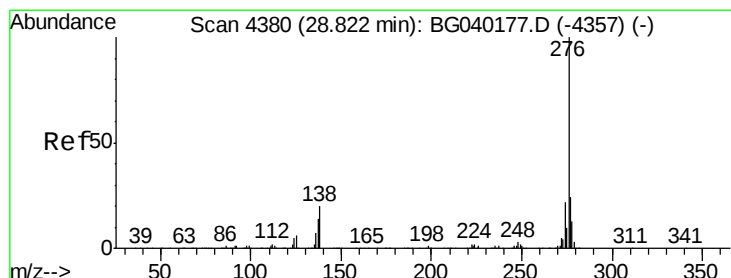
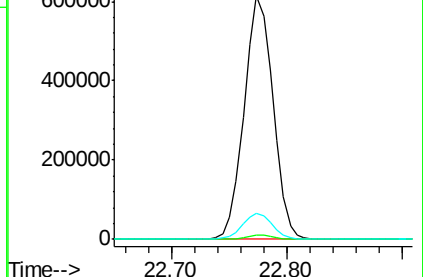
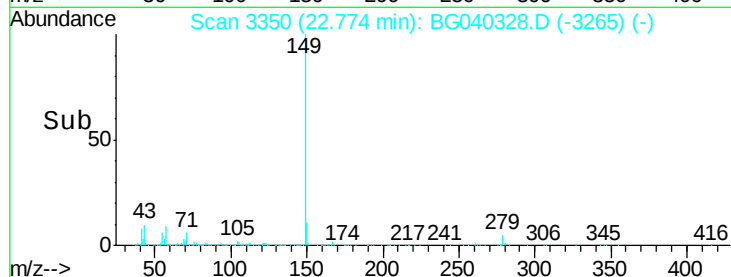
43 10.4 8.7 13.1



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: 39.503 ng

RT: 28.75 min Scan# 4367

Delta R.T. -0.07 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

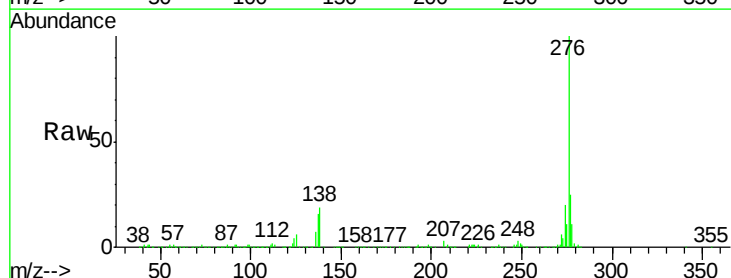
Tgt Ion:276 Resp: 1089025

Ion Ratio Lower Upper

276 100

138 15.5 18.8 28.2#

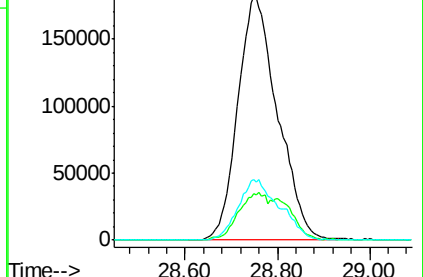
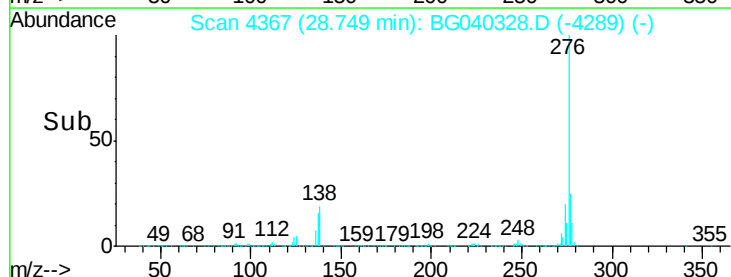
277 25.9 21.0 31.4

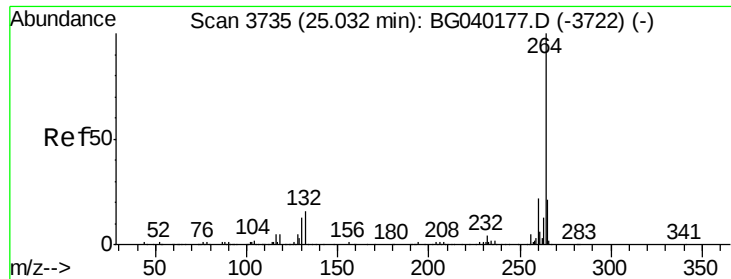


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



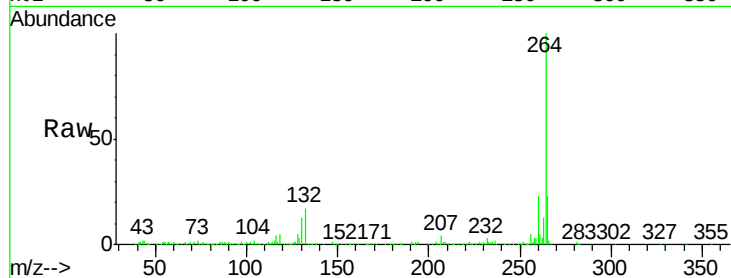


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.99 min Scan# 3727
Delta R.T. -0.04 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

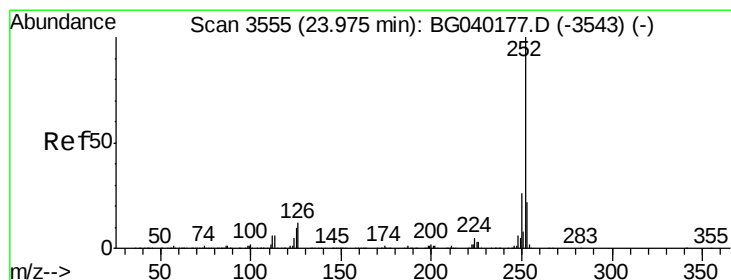
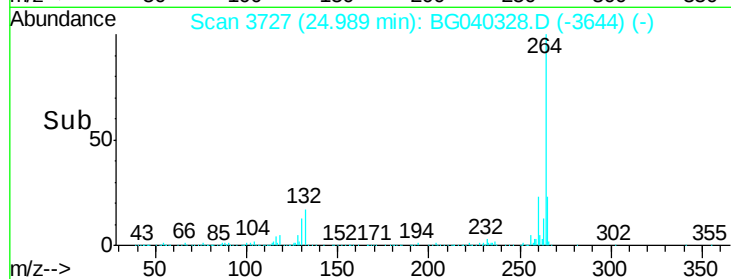
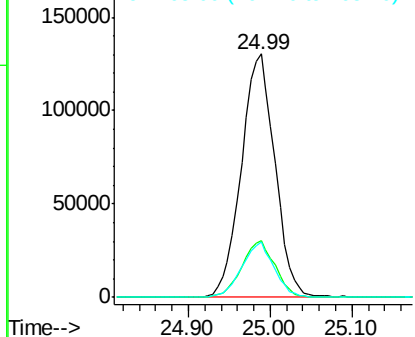
Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 372397

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.9	26.9
265	22.7	16.8	25.2



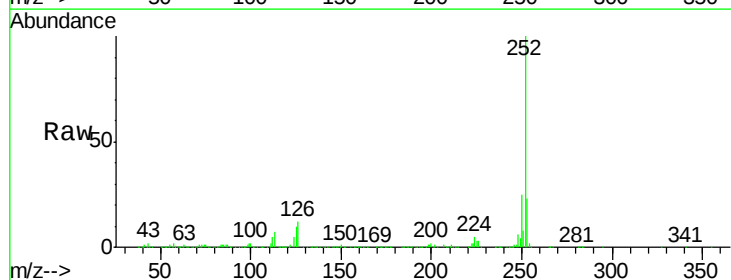
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



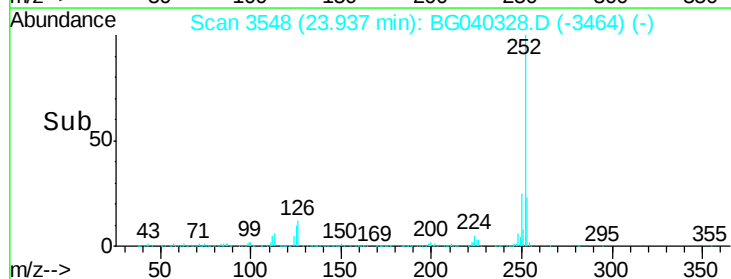
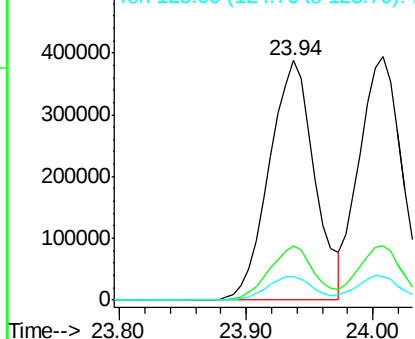
#88
Benzo(b)fluoranthene
Concen: 42.478 ng
RT: 23.94 min Scan# 3548
Delta R.T. -0.04 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

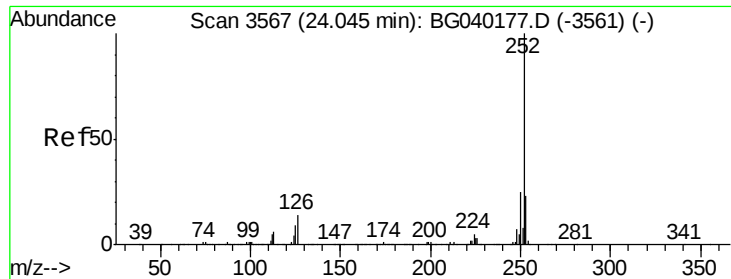
Tgt Ion:252 Resp: 968477

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	9.9	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

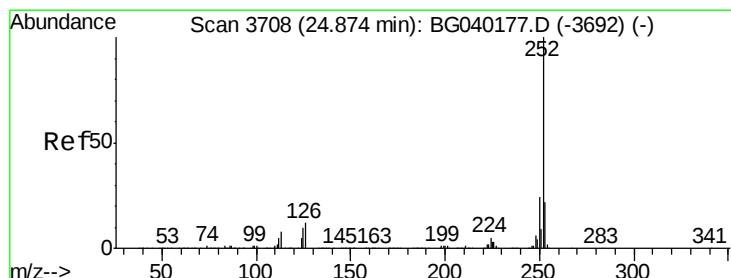
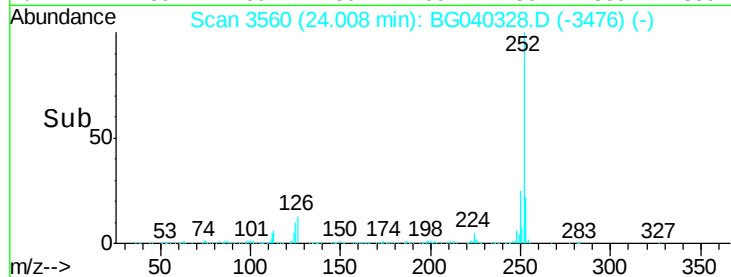
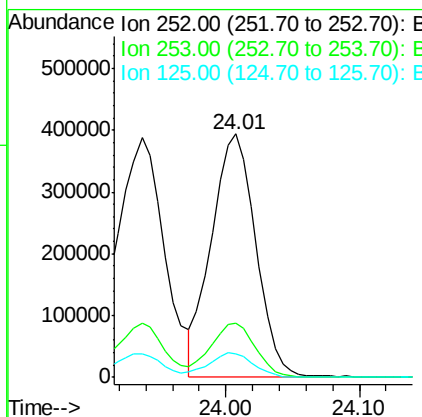
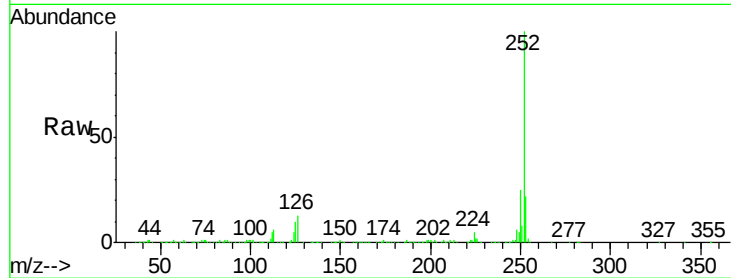




#89
Benzo(k)fluoranthene
Concen: 43.351 ng
RT: 24.01 min Scan# 3560
Delta R.T. -0.04 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

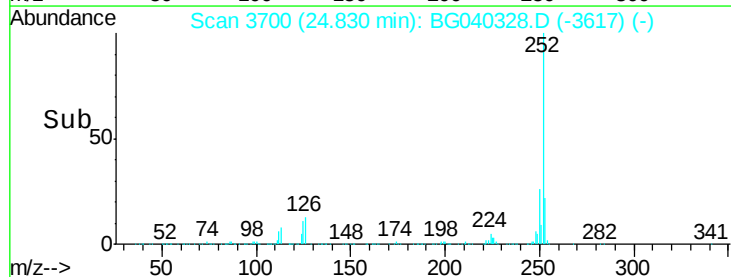
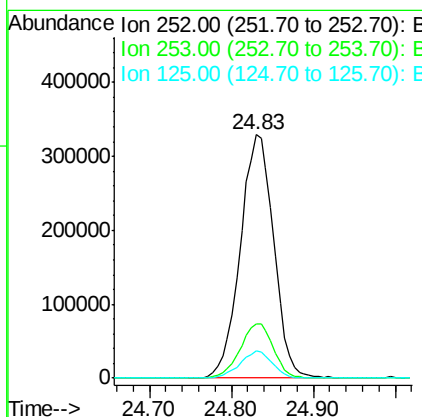
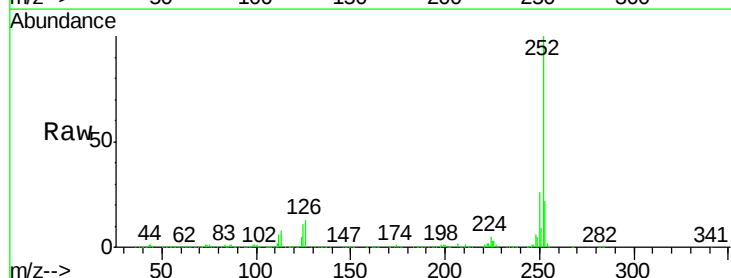
Instrument :
BNA_G
ClientSampled :

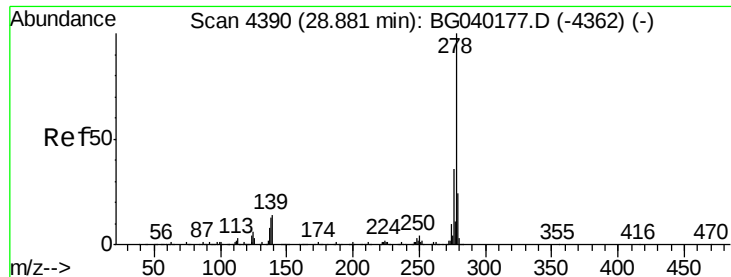
Tot Ion:252 Resp: 908929
Ion Ratio Lower Upper
252 100
253 22.1 18.6 28.0
125 9.7 7.3 10.9



#90
Benzo(a)pyrene
Concen: 43.776 ng
RT: 24.83 min Scan# 3700
Delta R.T. -0.04 min
Lab File: BG040328.D
Acq: 3 Apr 2019 16:23

Tgt Ion:252 Resp: 936455
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 11.3 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 44.985 ng

RT: 28.81 min Scan# 4378

Delta R.T. -0.07 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

Instrument :

BNA_G

ClientSampled :

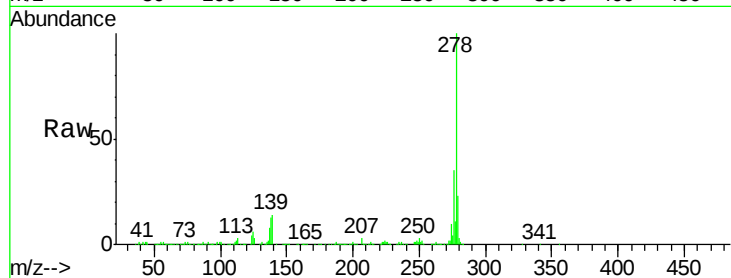
Tot Ion:278 Resp: 893763

Ion Ratio Lower Upper

278 100

139 14.2 11.2 16.8

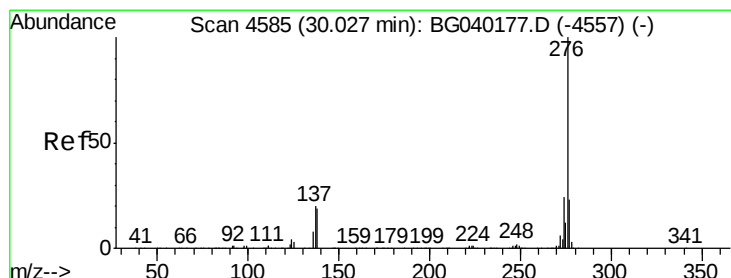
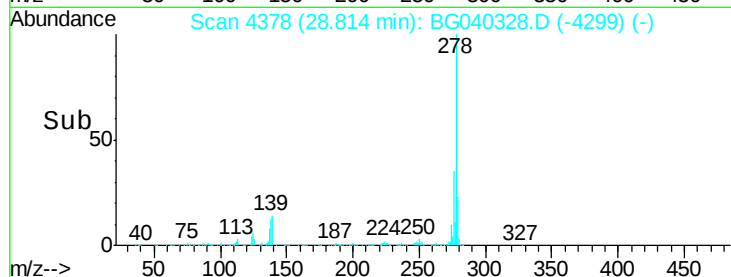
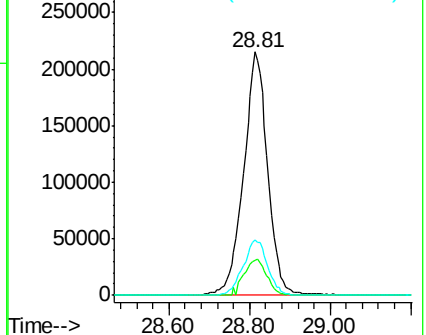
279 22.9 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.956 ng

RT: 29.94 min Scan# 4570

Delta R.T. -0.08 min

Lab File: BG040328.D

Acq: 3 Apr 2019 16:23

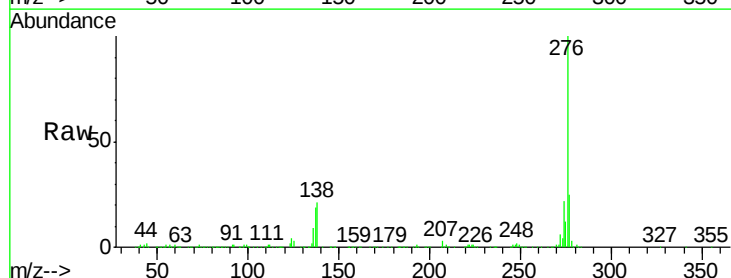
Tgt Ion:276 Resp: 917928

Ion Ratio Lower Upper

276 100

277 24.8 18.6 28.0

138 20.5 15.2 22.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

