

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG012918\
 Data File : BG032419.D
 Acq On : 29 Jan 2018 18:03
 Operator : SJ/JU
 Sample : J1196-22
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1035

Quant Time: Jan 30 04:23:59 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

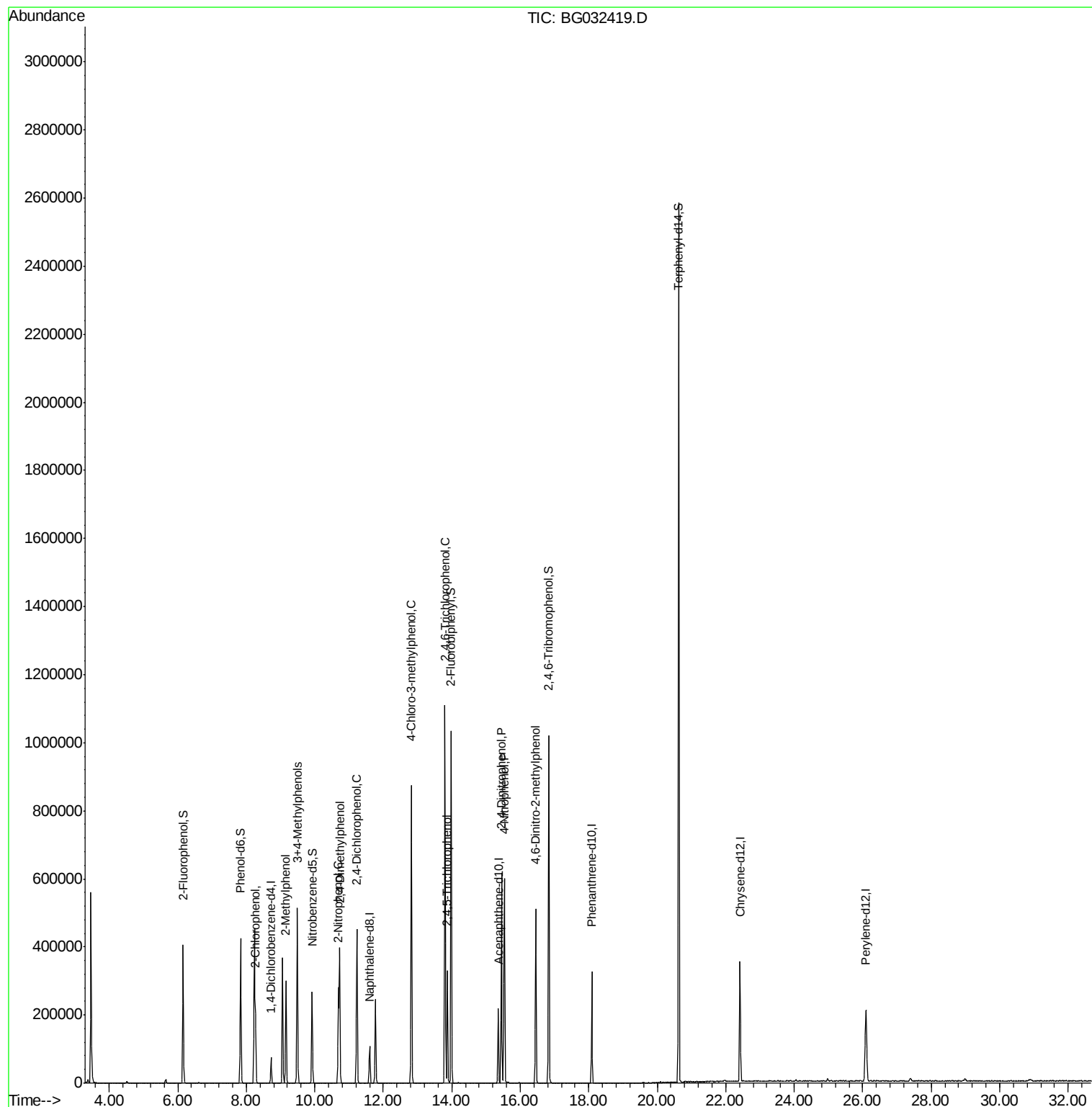
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	24233	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	103565	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	80829	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	220932	20.00	ng	0.00
75) Chrysene-d12	22.41	240	272557	20.00	ng	0.00
86) Perylene-d12	26.10	264	286401	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	196940	163.23	ng	0.00
7) Phenol-d6	7.84	99	254851	158.30	ng	0.00
23) Nitrobenzene-d5	9.92	82	160957	97.07	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	238889	155.27	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	606126	89.13	ng	0.00
78) Terphenyl-d14	20.63	244	1385885	108.92	ng	0.00
Target Compounds						
8) 2-Chlorophenol	8.27	128	93343	65.451	ng	Qvalue # 80
17) 2-Methylphenol	9.16	107	96361	77.602	ng	95
20) 3+4-Methylphenols	9.49	107	254644	146.197	ng	96
26) 2-Nitrophenol	10.69	139	102244	105.492	ng	# 79
27) 2,4-Dimethylphenol	10.73	122	130584	93.869	ng	94
29) 2,4-Dichlorophenol	11.23	162	204061	110.731	ng	89
36) 4-Chloro-3-methylphenol	12.82	107	308495	176.481	ng	88
42) 2,4,6-Trichlorophenol	13.81	196	343342	166.925	ng	99
43) 2,4,5-Trichlorophenol	13.87	196	106915	44.590	ng	# 89
53) 2,4-Dinitrophenol	15.45	184	183287	182.186	ng	# 55
55) 4-Nitrophenol	15.54	139	175218	171.296	ng	# 74
64) 4,6-Dinitro-2-methylphenol	16.45	198	162638	98.538	ng	# 68

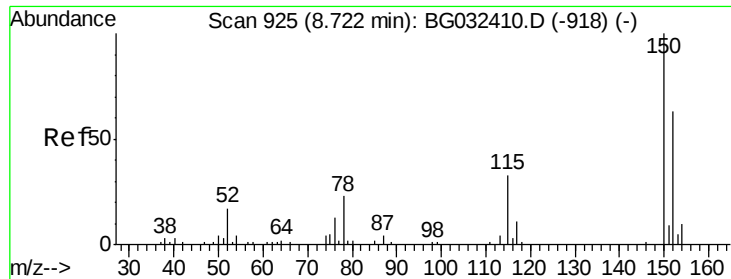
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG012918\
Data File : BG032419.D
Acq On : 29 Jan 2018 18:03
Operator : SJ/JU
Sample : J1196-22
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
1035

Quant Time: Jan 30 04:23:59 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration



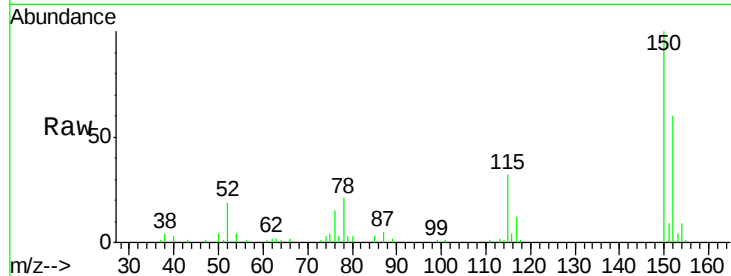


#1

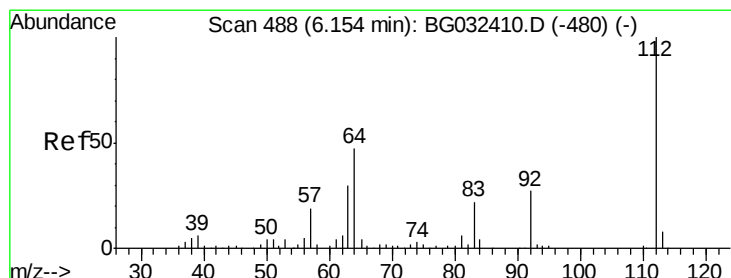
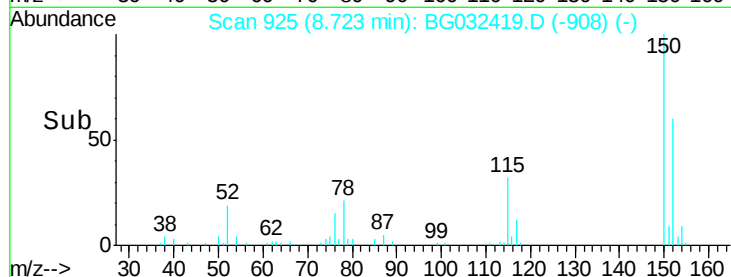
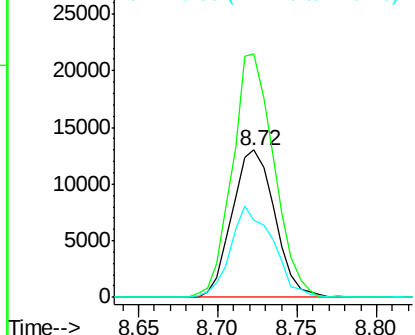
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG032419.D
Acq: 29 Jan 2018 18:03

Instrument :
BNA_G
ClientSampleId :
1035

Tgt Ion:152 Resp: 24233
Ion Ratio Lower Upper
152 100
150 165.3 126.6 189.8
115 52.9 53.0 79.4#



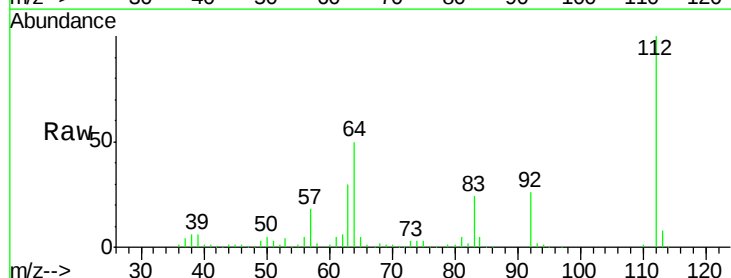
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



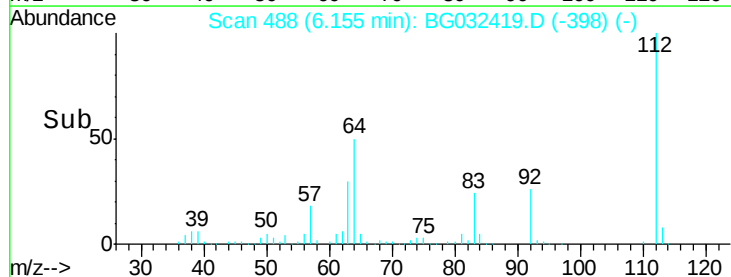
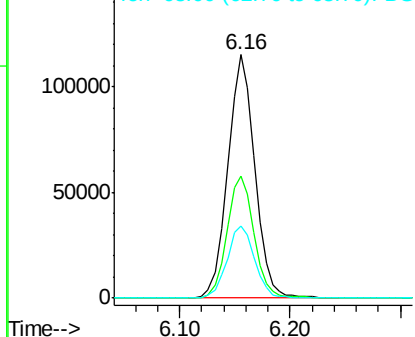
#5

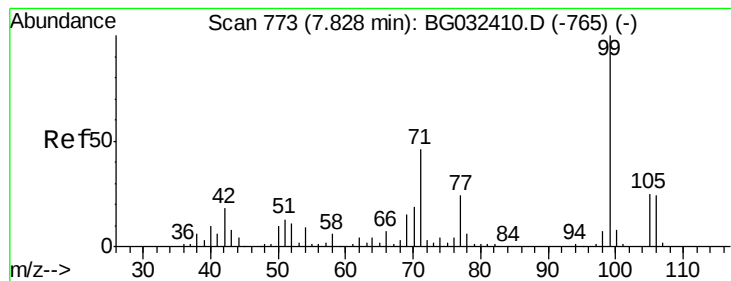
2-Fluorophenol
Concen: 163.234 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032419.D
Acq: 29 Jan 2018 18:03

Tgt Ion:112 Resp: 196940
Ion Ratio Lower Upper
112 100
64 50.2 56.3 84.5#
63 29.7 30.1 45.1#



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





#7

Phenol-d6

Concen: 158.297 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032419.D

Acq: 29 Jan 2018 18:03

Instrument :

BNA_G

ClientSampleId :
1035

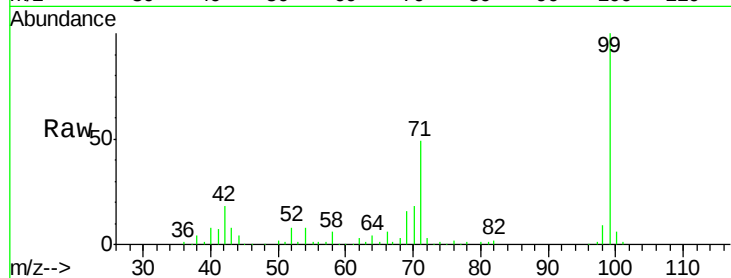
Tgt Ion: 99 Resp: 254851

Ion Ratio Lower Upper

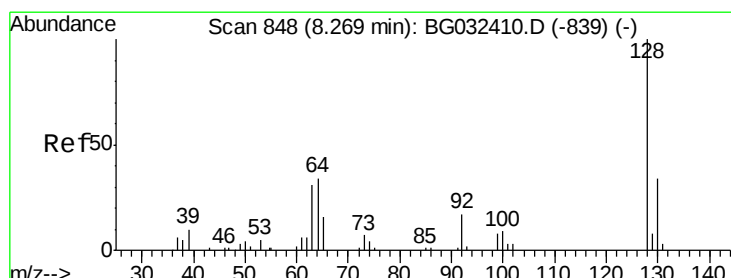
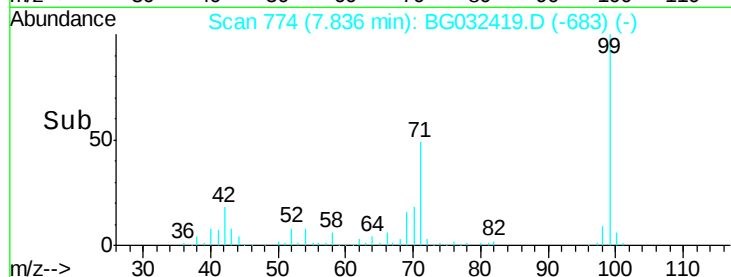
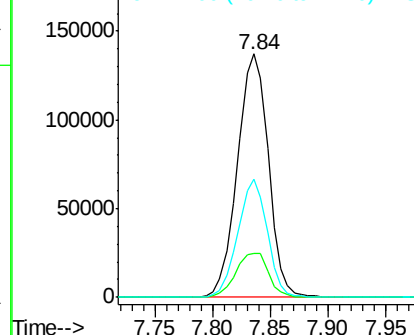
99 100

42 18.1 14.1 21.1

71 48.7 26.1 39.1#



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: 65.451 ng

RT: 8.27 min Scan# 848

Delta R.T. 0.00 min

Lab File: BG032419.D

Acq: 29 Jan 2018 18:03

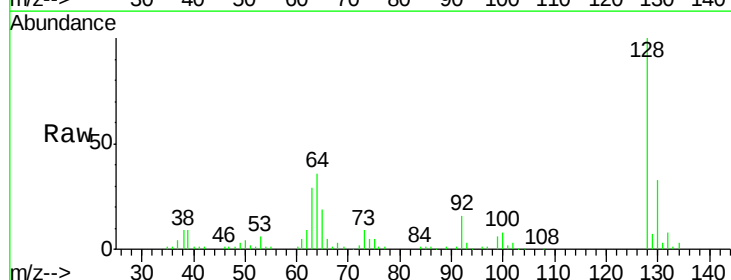
Tgt Ion: 128 Resp: 93343

Ion Ratio Lower Upper

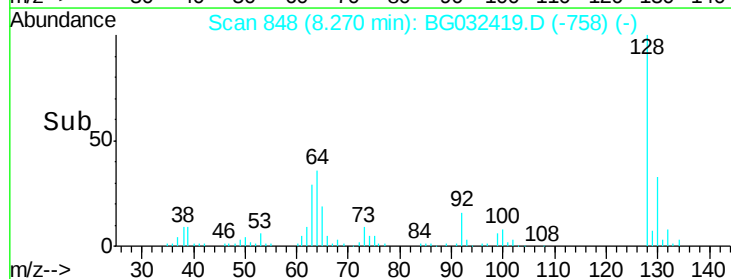
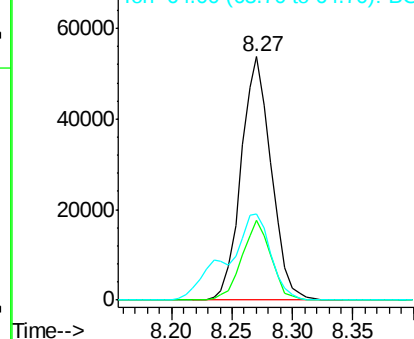
128 100

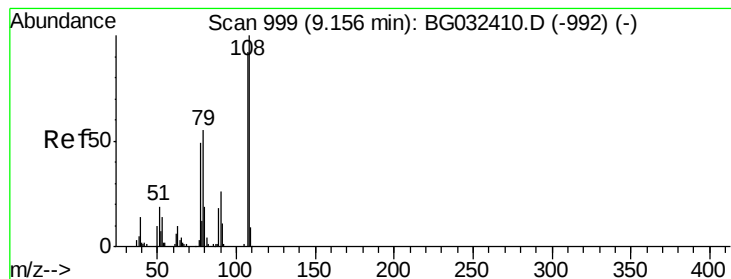
130 32.7 14.0 54.0

64 35.6 37.7 77.7#



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





#17

2-Methylphenol

Concen: 77.602 ng

RT: 9.16 min Scan# 999

Delta R.T. 0.00 min

Lab File: BG032419.D

Acq: 29 Jan 2018 18:03

Instrument :

BNA_G

ClientSampleId :

1035

Tgt Ion:107 Resp: 96361

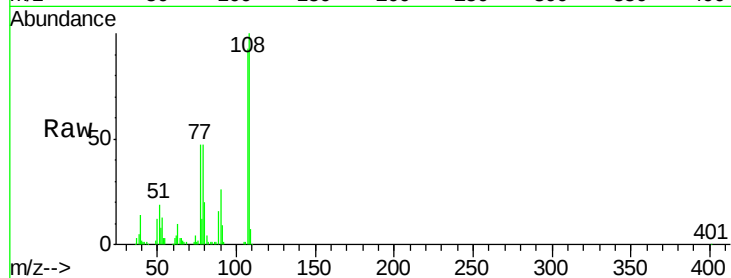
Ion Ratio Lower Upper

107 100

108 107.9 83.9 125.9

77 50.9 37.2 55.8

79 51.2 36.2 54.2

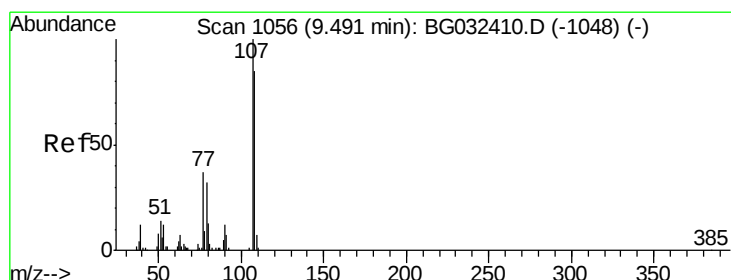
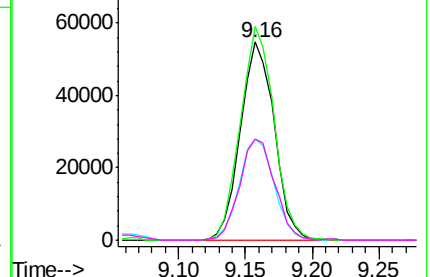
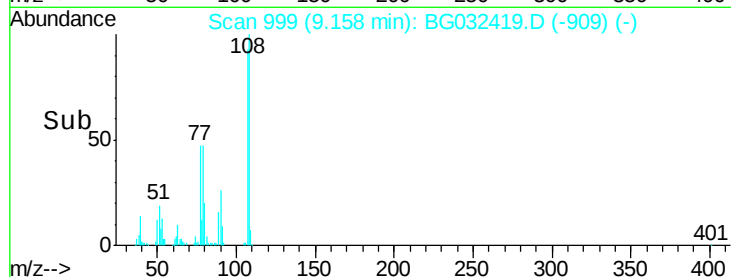


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#20

3+4-Methylphenols

Concen: 146.197 ng

RT: 9.49 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BG032419.D

Acq: 29 Jan 2018 18:03

Tgt Ion:107 Resp: 254644

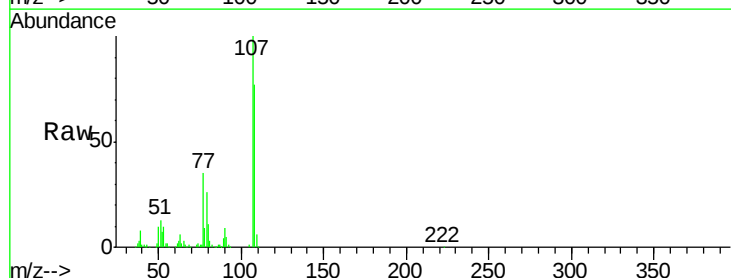
Ion Ratio Lower Upper

107 100

108 77.0 61.6 101.6

77 35.0 13.9 53.9

79 26.3 8.8 48.8

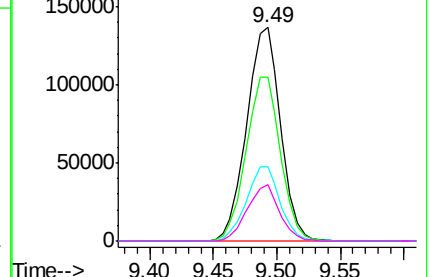
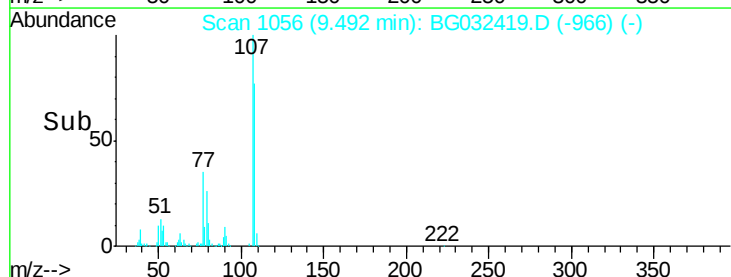


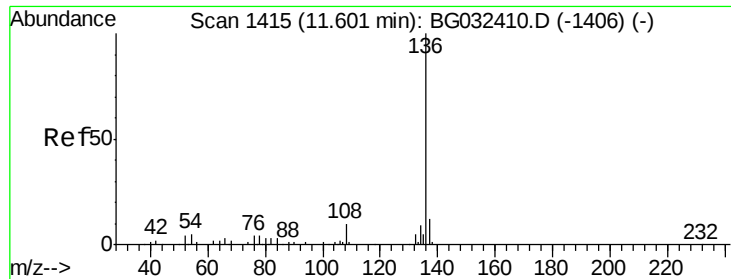
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

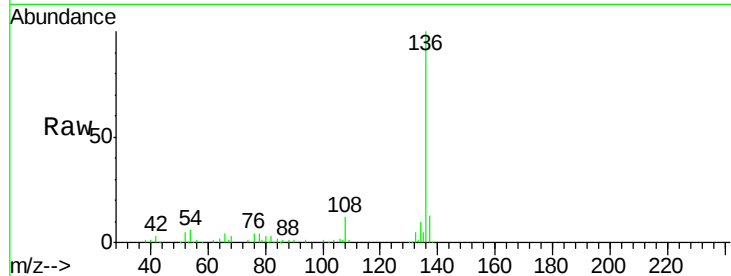




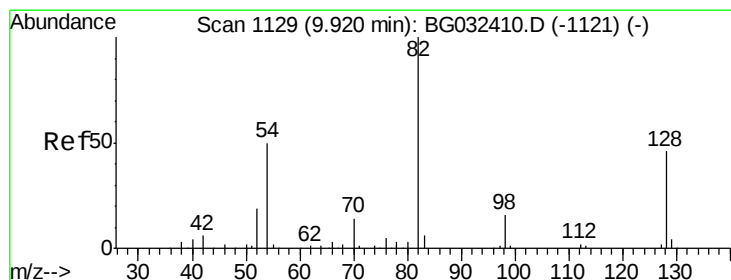
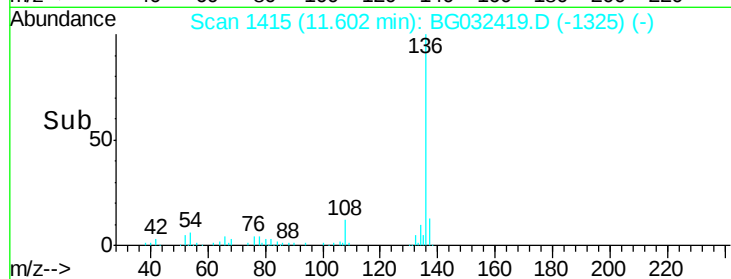
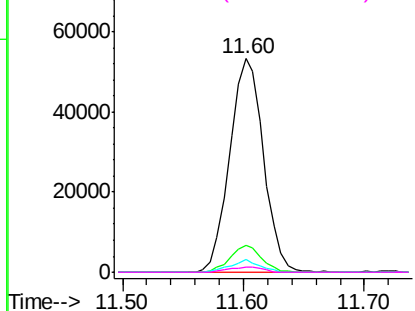
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BG032419.D
Acq: 29 Jan 2018 18:03

Instrument :
BNA_G
ClientSampleId :
1035

Tgt Ion:	136	Resp:	103565
Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.2	13.8
54	6.1	10.3	15.5#
68	2.7	4.5	6.7#

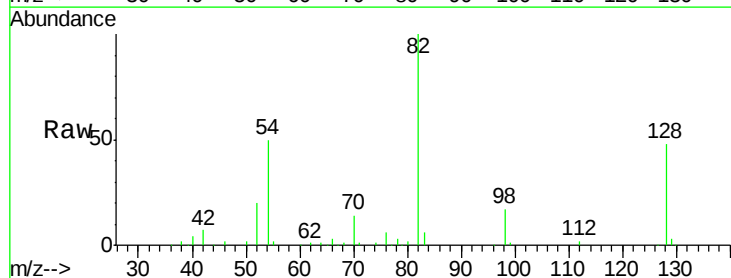


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

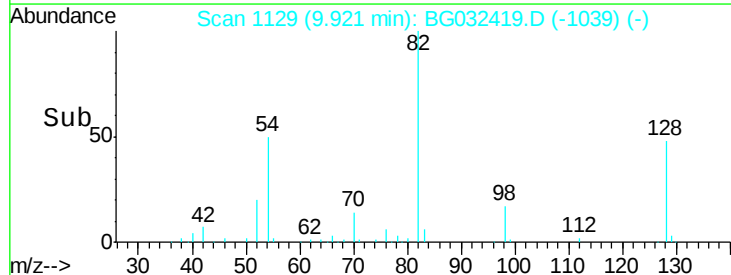
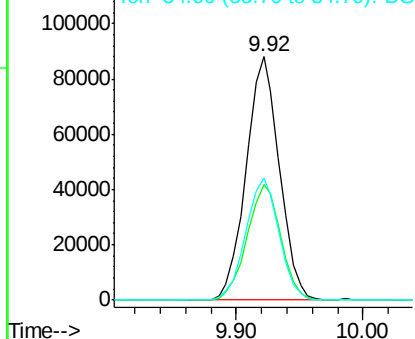


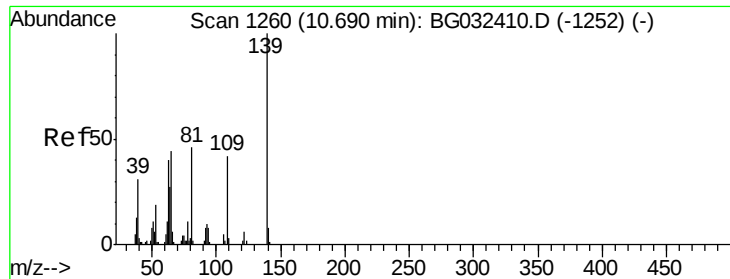
#23
Nitrobenzene-d5
Concen: 97.074 ng
RT: 9.92 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BG032419.D
Acq: 29 Jan 2018 18:03

Tgt Ion:	82	Resp:	160957
Ion	Ratio	Lower	Upper
82	100		
128	47.7	29.7	44.5#
54	50.2	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

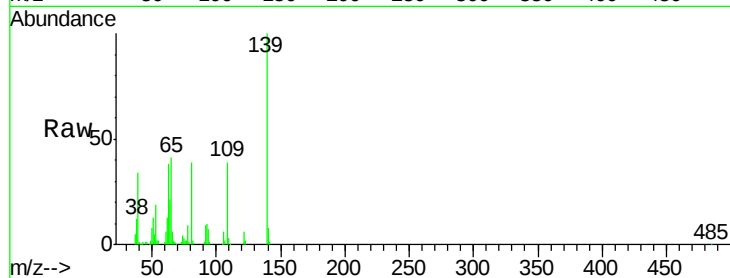




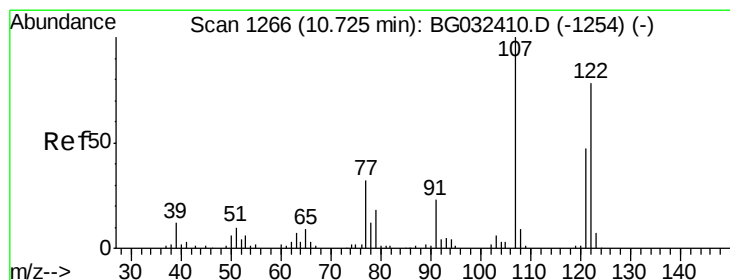
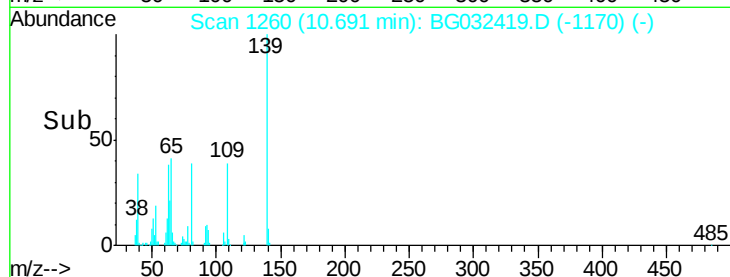
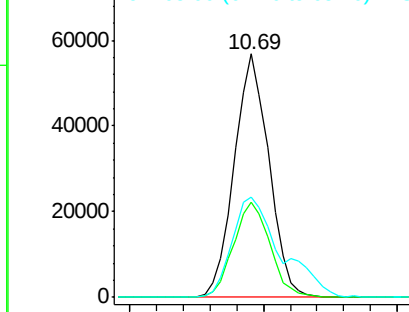
#26
2-Nitrophenol
Concen: 105.492 ng
RT: 10.69 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BG032419.D
Acq: 29 Jan 2018 18:03

Instrument :
BNA_G
ClientSampleId :
1035

Tgt Ion:139 Resp: 102244
Ion Ratio Lower Upper
139 100
109 39.0 24.2 36.2#
65 41.4 47.4 71.0#

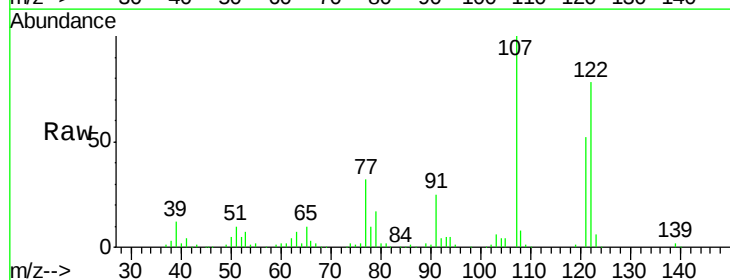


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): B

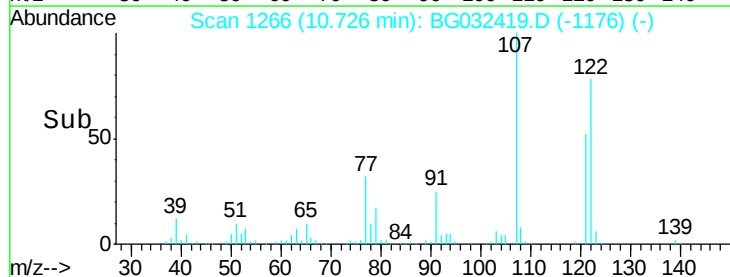
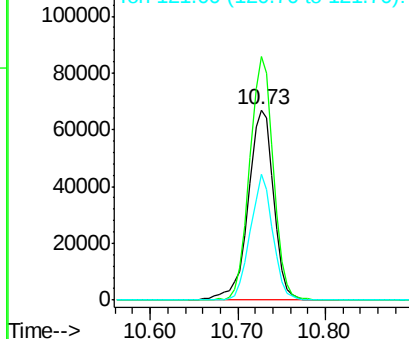


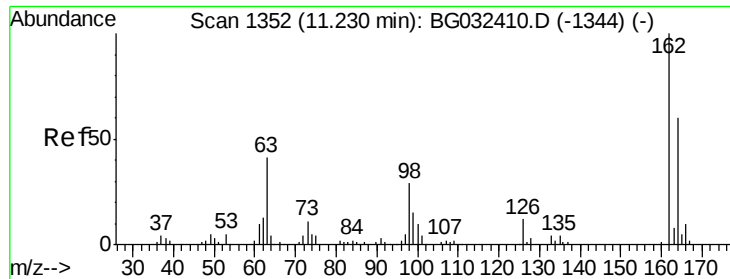
#27
2,4-Dimethylphenol
Concen: 93.869 ng
RT: 10.73 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BG032419.D
Acq: 29 Jan 2018 18:03

Tgt Ion:122 Resp: 130584
Ion Ratio Lower Upper
122 100
107 128.2 100.2 150.2
121 66.2 44.4 66.6



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

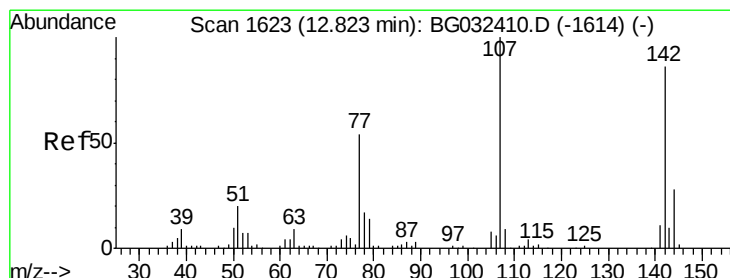
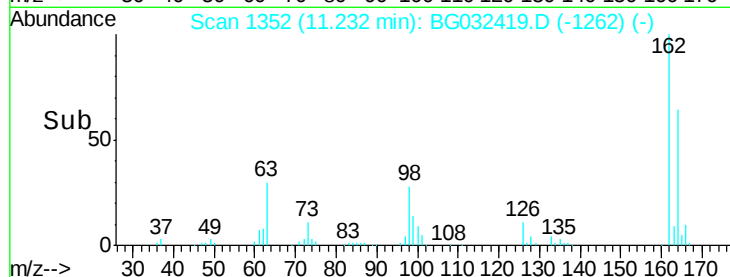
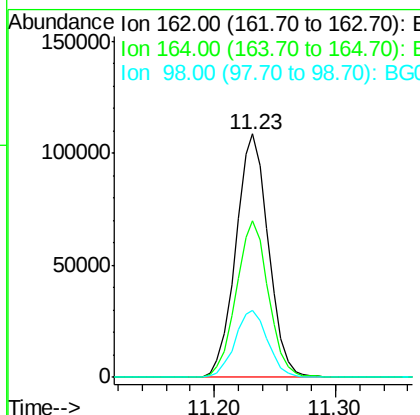
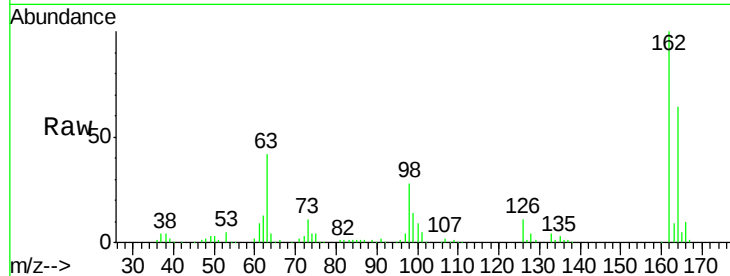




#29
 2,4-Dichlorophenol
 Concen: 110.731 ng
 RT: 11.23 min Scan# 1352
 Delta R.T. 0.00 min
 Lab File: BG032419.D
 Acq: 29 Jan 2018 18:03

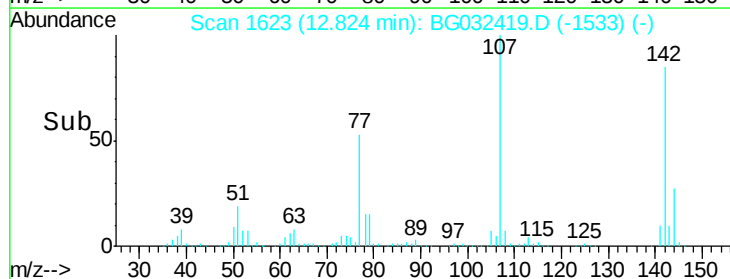
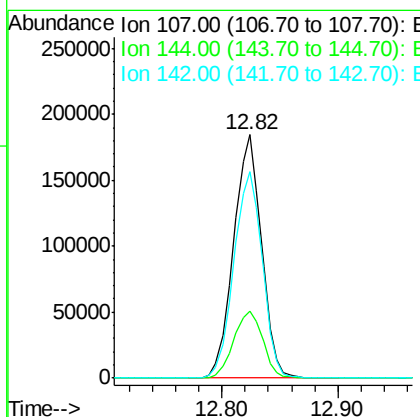
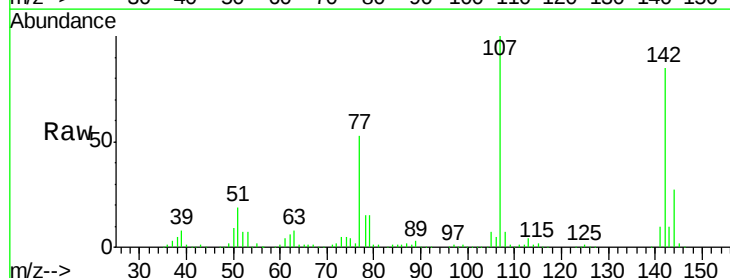
Instrument :
 BNA_G
 ClientSampleId :
 1035

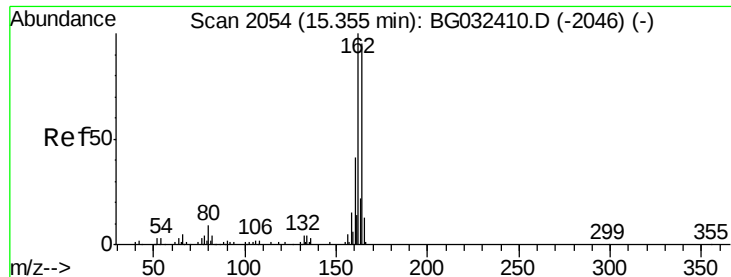
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.1	48.0	88.0
98	27.5	21.1	61.1



#36
 4-Chloro-3-methylphenol
 Concen: 176.481 ng
 RT: 12.82 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BG032419.D
 Acq: 29 Jan 2018 18:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.4	18.2	27.4
142	85.0	59.0	88.4

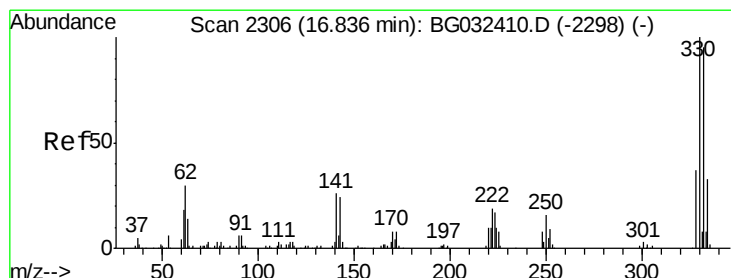
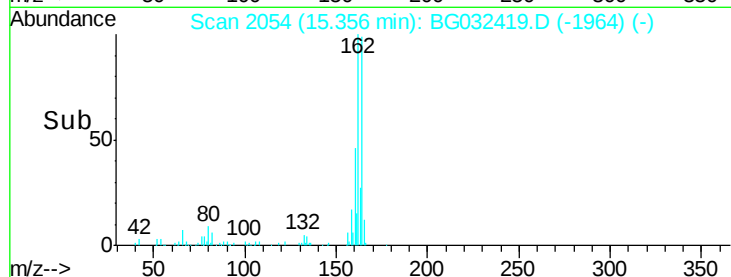
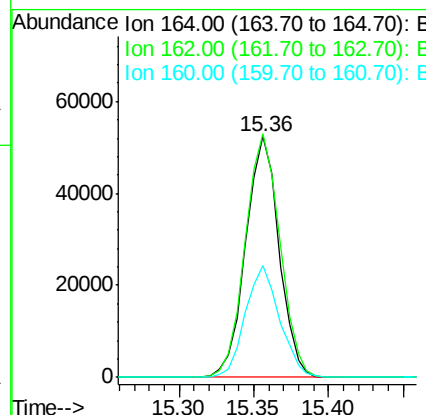
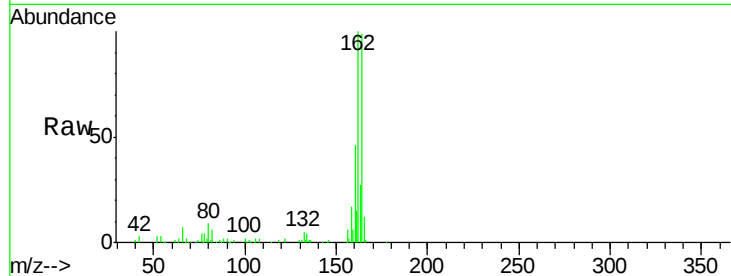




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BG032419.D
Acq: 29 Jan 2018 18:03

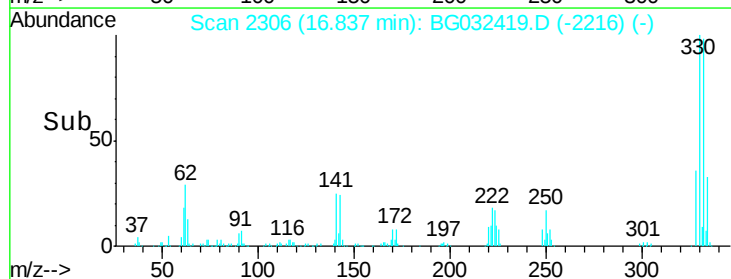
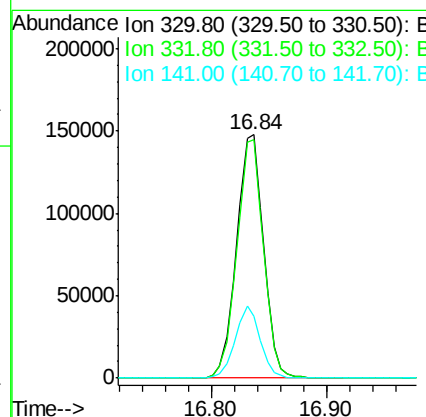
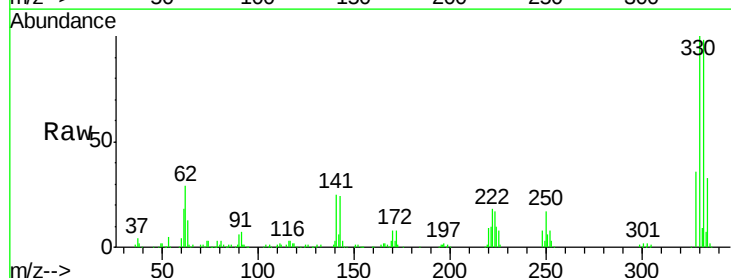
Instrument :
BNA_G
ClientSampleId :
1035

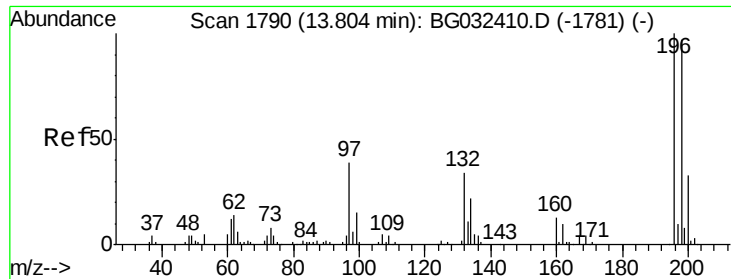
Tgt Ion:164 Resp: 80829
Ion Ratio Lower Upper
164 100
162 101.1 78.8 118.2
160 46.4 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 155.266 ng
RT: 16.84 min Scan# 2306
Delta R.T. 0.00 min
Lab File: BG032419.D
Acq: 29 Jan 2018 18:03

Tgt Ion:330 Resp: 238889
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 27.2 25.2 37.8





#42

2,4,6-Trichlorophenol

Concen: 166.925 ng

RT: 13.81 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BG032419.D

Acq: 29 Jan 2018 18:03

Instrument :

BNA_G

ClientSampleId :

1035

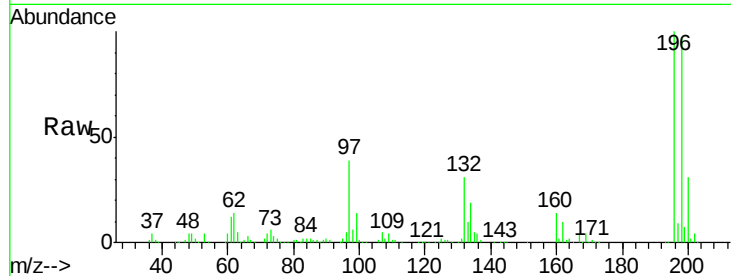
Tgt Ion:196 Resp: 343342

Ion Ratio Lower Upper

196 100

198 97.3 78.2 117.2

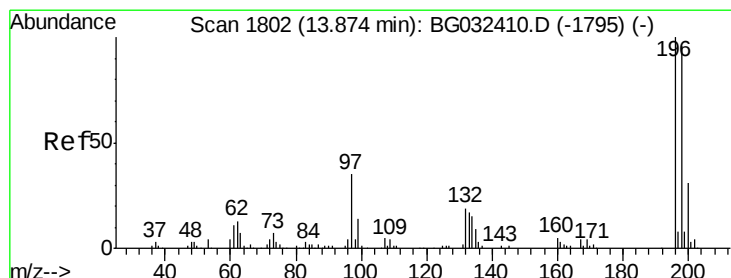
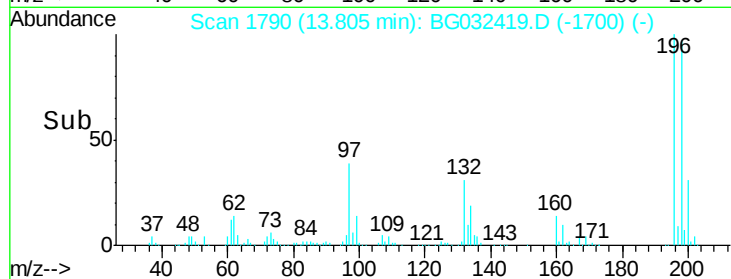
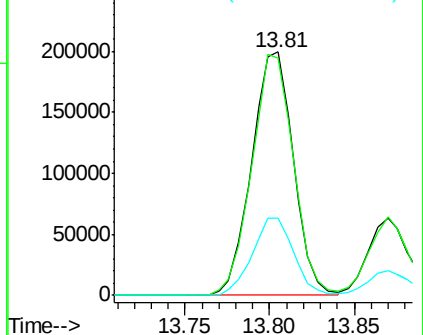
200 31.5 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 44.590 ng

RT: 13.87 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BG032419.D

Acq: 29 Jan 2018 18:03

Tgt Ion:196 Resp: 106915

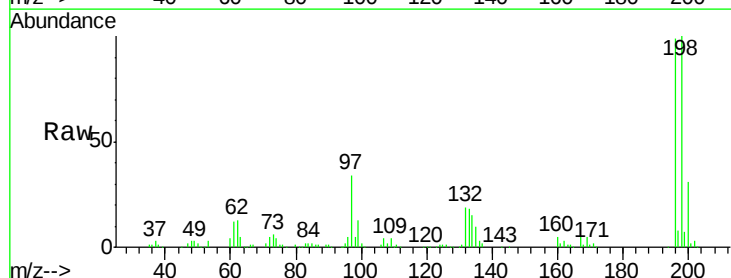
Ion Ratio Lower Upper

196 100

198 100.8 76.2 114.4

97 34.1 38.7 58.1#

132 19.7 20.2 30.2#

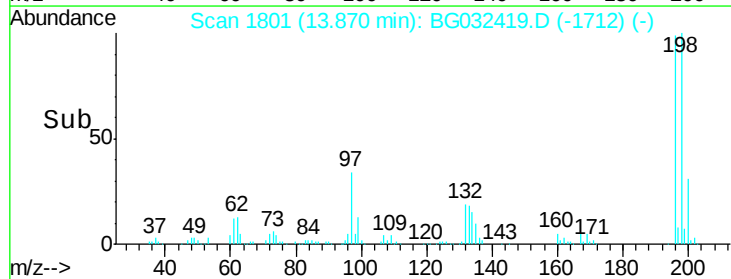
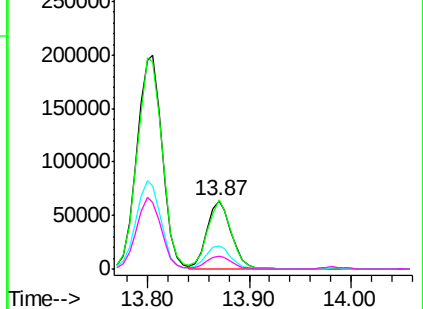


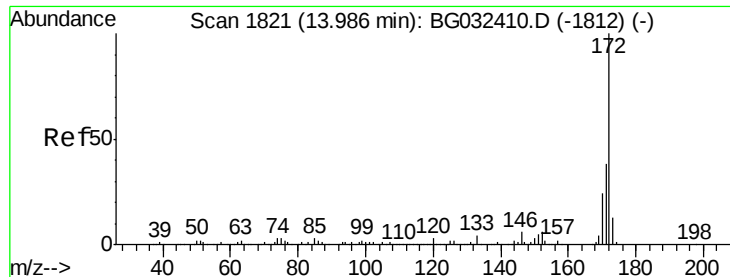
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

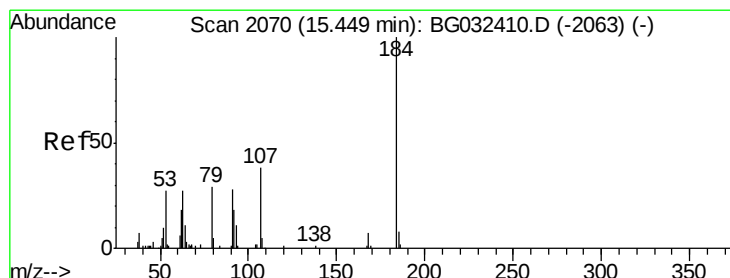
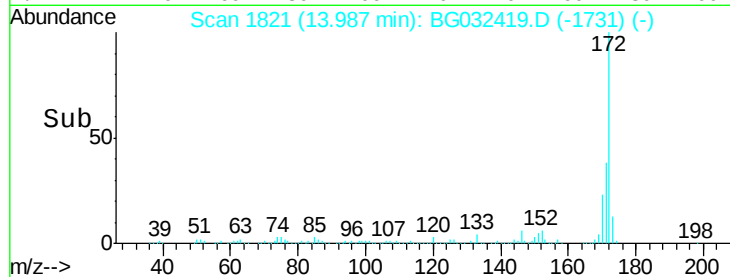
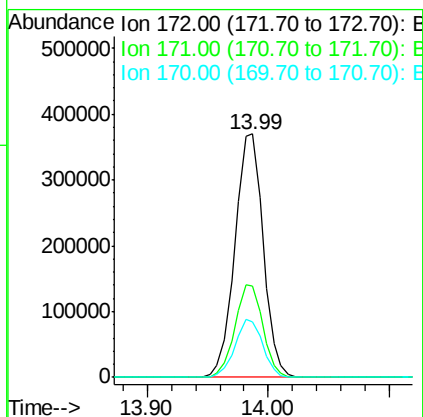
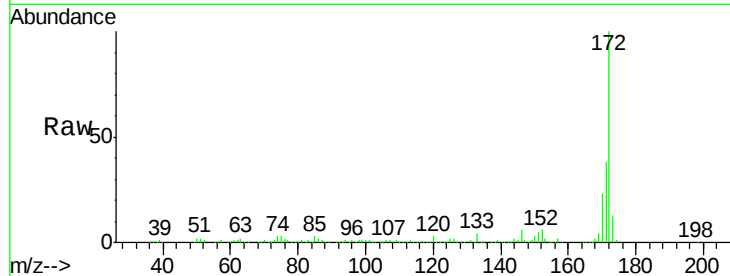




#44
2-Fluorobiphenyl
Concen: 89.129 ng
RT: 13.99 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BG032419.D
Acq: 29 Jan 2018 18:03

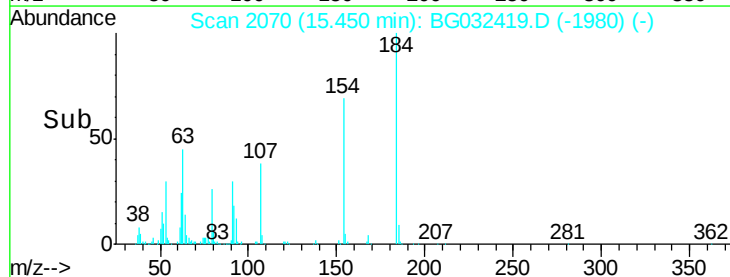
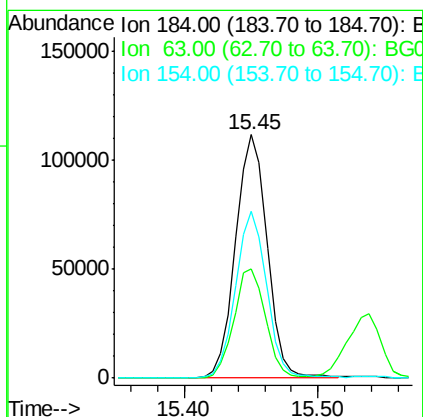
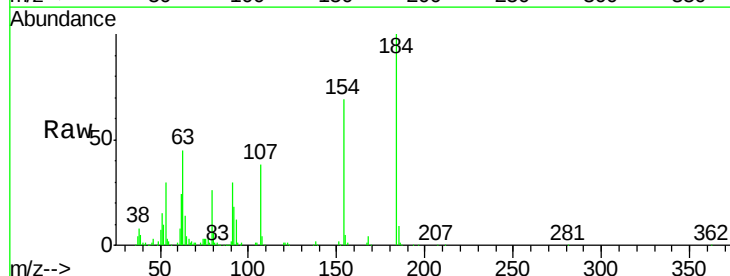
Instrument :
BNA_G
ClientSampleId :
1035

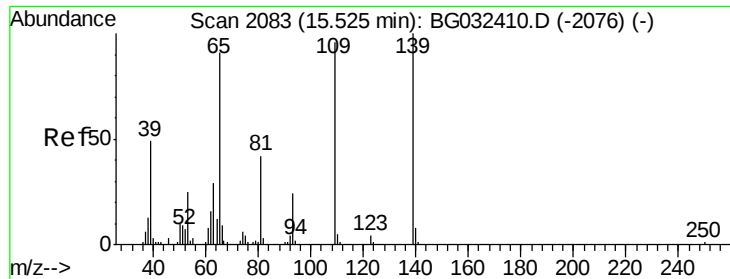
Tgt Ion:172 Resp: 606126
Ion Ratio Lower Upper
172 100
171 37.5 30.0 45.0
170 23.0 19.5 29.3



#53
2,4-Dinitrophenol
Concen: 182.186 ng
RT: 15.45 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BG032419.D
Acq: 29 Jan 2018 18:03

Tgt Ion:184 Resp: 183287
Ion Ratio Lower Upper
184 100
63 45.1 59.8 89.8#
154 68.5 101.8 152.8#





#55

4-Nitrophenol

Concen: 171.296 ng

RT: 15.54 min Scan# 2085

Delta R.T. 0.01 min

Lab File: BG032419.D

Acq: 29 Jan 2018 18:03

Instrument :

BNA_G

ClientSampled :

1035

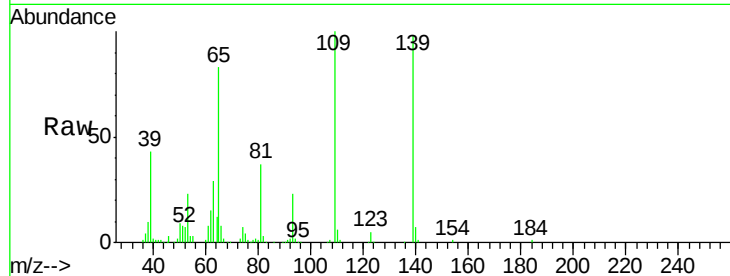
Tgt Ion:139 Resp: 175218

Ion Ratio Lower Upper

139 100

109 102.0 62.2 102.2

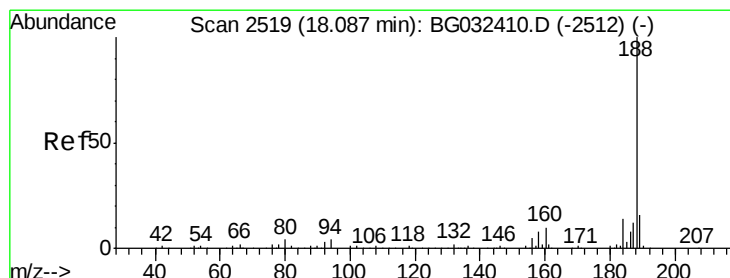
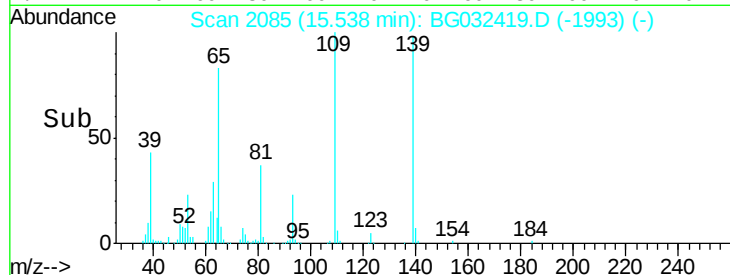
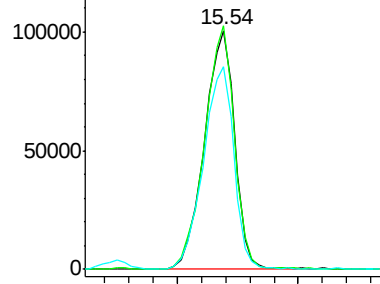
65 85.1 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.09 min Scan# 2519

Delta R.T. 0.00 min

Lab File: BG032419.D

Acq: 29 Jan 2018 18:03

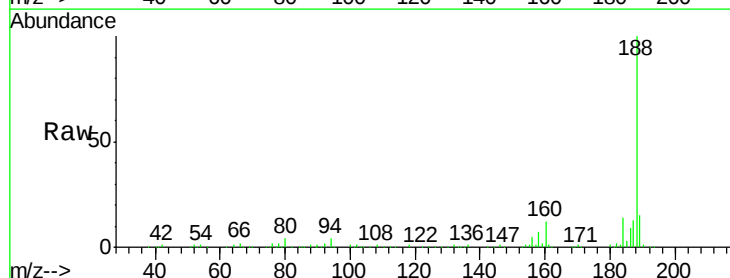
Tgt Ion:188 Resp: 220932

Ion Ratio Lower Upper

188 100

94 3.9 6.9 10.3#

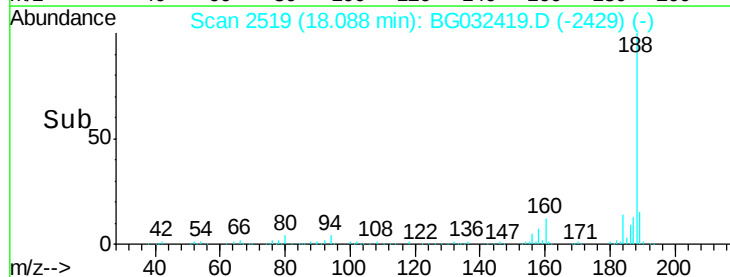
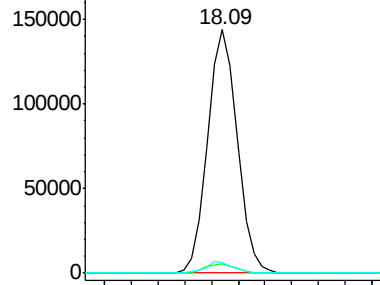
80 4.2 7.7 11.5#

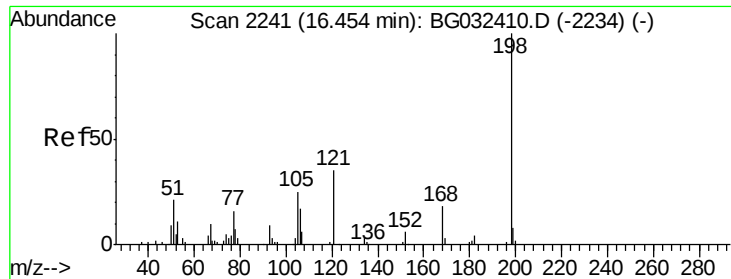


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

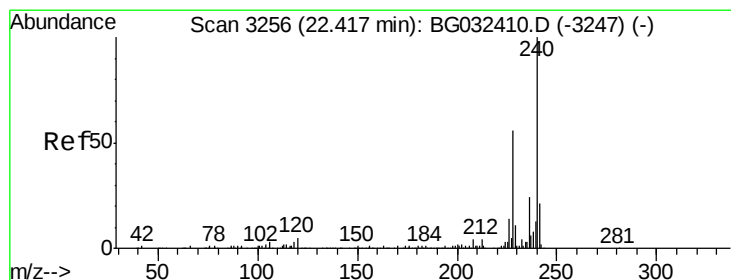
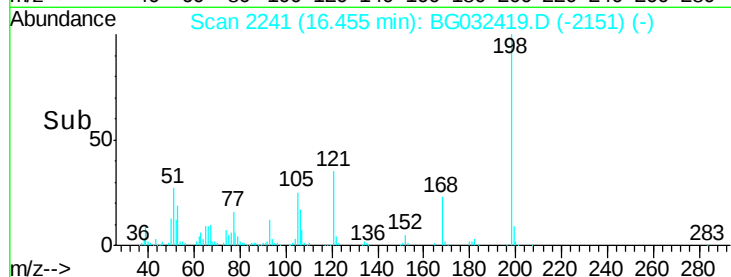
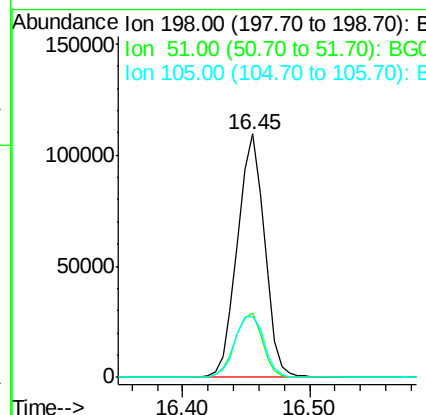
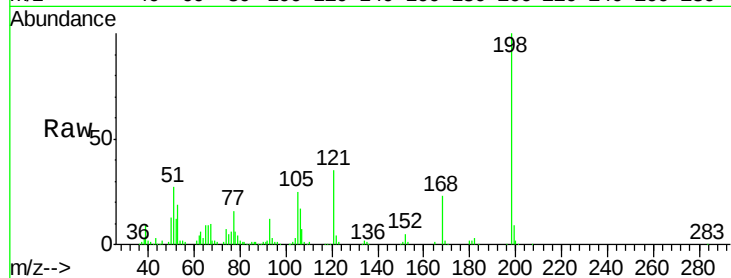




#64
 4,6-Dinitro-2-methylphenol
 Concen: 98.538 ng
 RT: 16.45 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: BG032419.D
 Acq: 29 Jan 2018 18:03

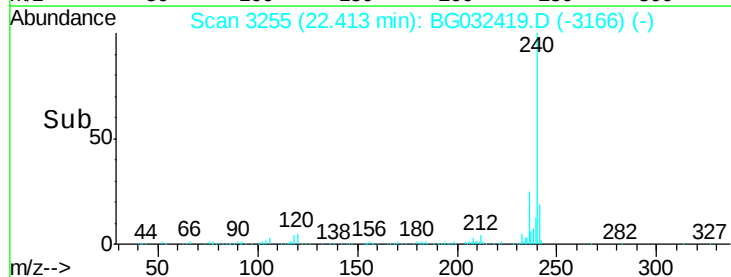
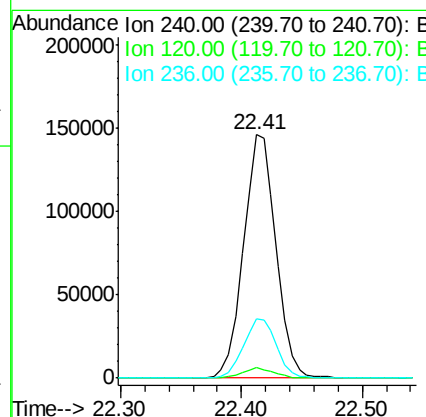
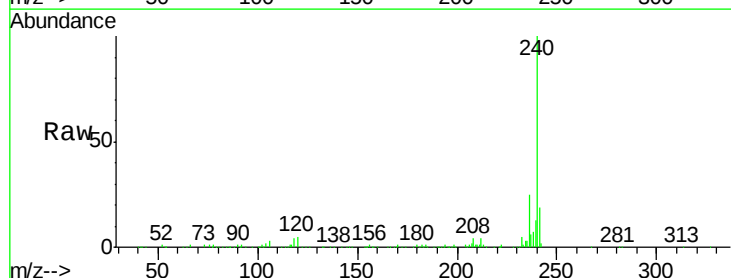
Instrument :
 BNA_G
 ClientSampleId :
 1035

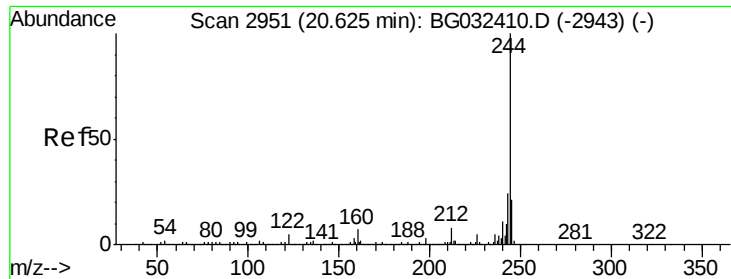
Tgt Ion:198 Resp: 162638
 Ion Ratio Lower Upper
 198 100
 51 26.6 30.6 70.6#
 105 24.8 23.8 63.8



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.41 min Scan# 3255
 Delta R.T. -0.00 min
 Lab File: BG032419.D
 Acq: 29 Jan 2018 18:03

Tgt Ion:240 Resp: 272557
 Ion Ratio Lower Upper
 240 100
 120 4.5 6.8 10.2#
 236 24.6 20.9 31.3





#78

Terphenyl-d14

Concen: 108.920 ng

RT: 20.63 min Scan# 2951

Delta R.T. 0.00 min

Lab File: BG032419.D

Acq: 29 Jan 2018 18:03

Instrument :

BNA_G

ClientSampleId :

1035

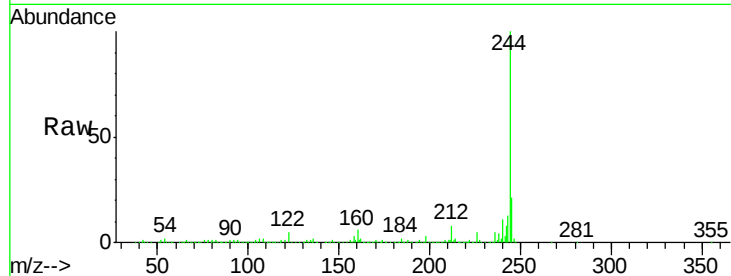
Tgt Ion:244 Resp: 1385885

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

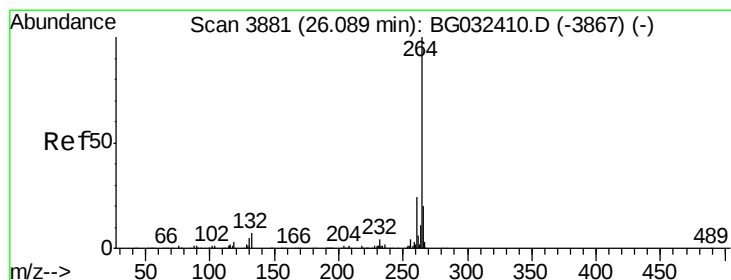
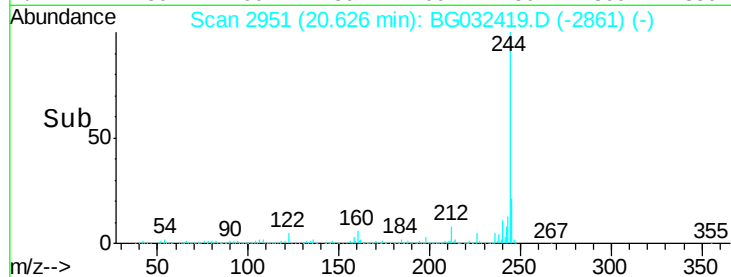
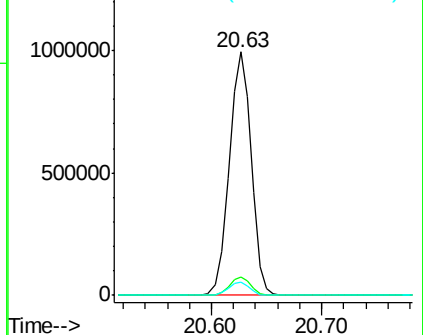
122 5.4 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.10 min Scan# 3882

Delta R.T. 0.01 min

Lab File: BG032419.D

Acq: 29 Jan 2018 18:03

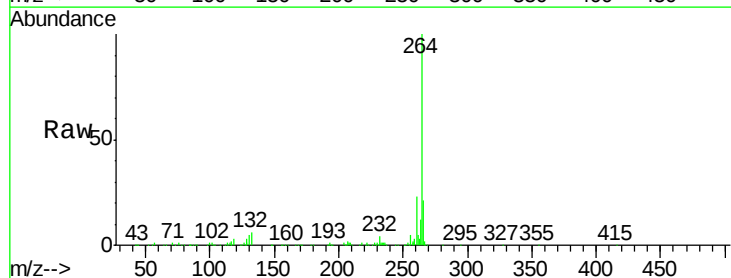
Tgt Ion:264 Resp: 286401

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

265 21.1 17.7 26.5



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

