

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101717\
 Data File : BG029334.D
 Acq On : 18 Oct 2017 15:08
 Operator : SJ/JU
 Sample : I5906-15DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 18 16:49:50 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

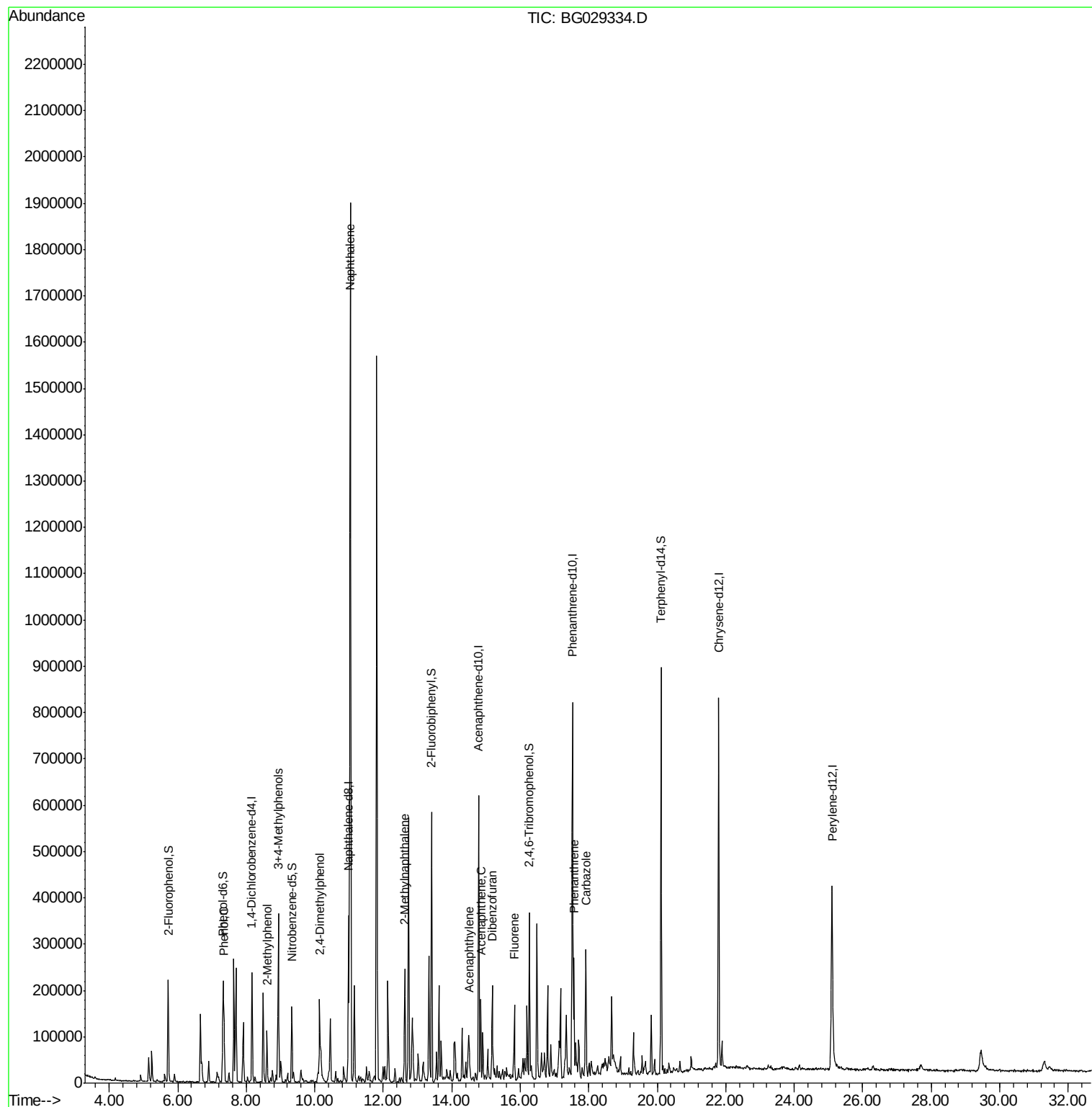
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	66498	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	330227	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	208269	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	463772	20.00	ng	0.00
75) Chrysene-d12	21.79	240	503483	20.00	ng	-0.01
86) Perylene-d12	25.10	264	501037	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	104665	26.29	ng	0.00
7) Phenol-d6	7.32	99	133373	23.87	ng	0.00
23) Nitrobenzene-d5	9.33	82	95261	18.33	ng	-0.01
41) 2,4,6-Tribromophenol	16.27	330	68139	25.34	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	263357	18.55	ng	0.00
78) Terphenyl-d14	20.11	244	405902	18.34	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.35	94	94105	15.622	ng	91
17) 2-Methylphenol	8.61	107	36634	9.155	ng	96
20) 3+4-Methylphenols	8.93	107	148721	26.377	ng	94
27) 2,4-Dimethylphenol	10.14	122	76617	15.164	ng	87
31) Naphthalene	11.04	128	1600237	97.232	ng	98
37) 2-Methylnaphthalene	12.63	142	120260	10.026	ng	93
48) Acenaphthylene	14.51	152	49857	2.440	ng	97
51) Acenaphthene	14.85	154	61339	4.613	ng	97
54) Dibenzofuran	15.18	168	112186	5.910	ng	99
57) Fluorene	15.83	166	69382	4.425	ng	97
70) Phenanthrene	17.57	178	144216	6.019	ng	99
72) Carbazole	17.92	167	178175	7.710	ng	98

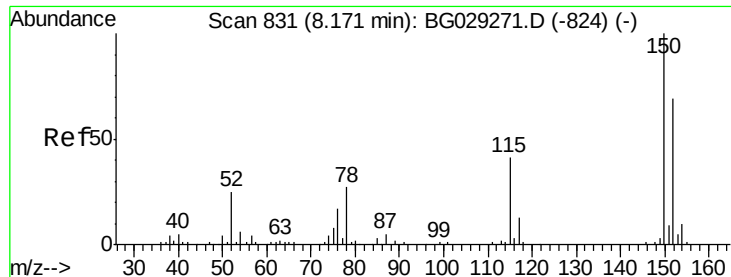
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101717\
Data File : BG029334.D
Acq On : 18 Oct 2017 15:08
Operator : SJ/JU
Sample : I5906-15DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 18 16:49:50 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration



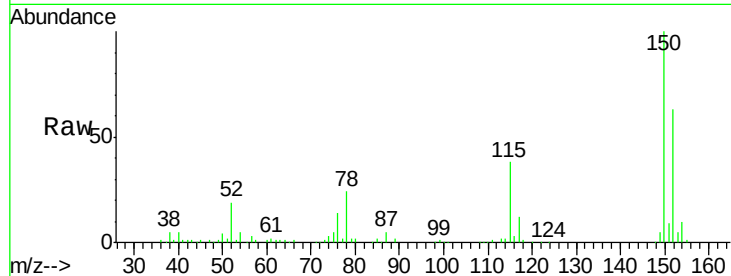


#1

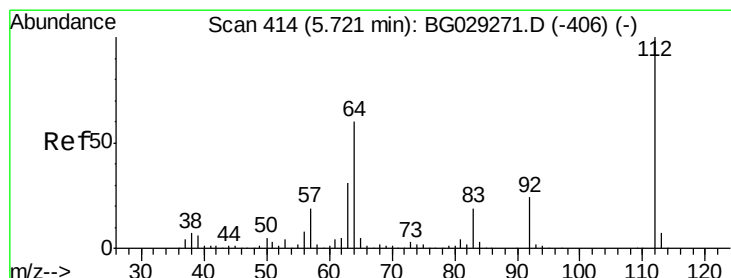
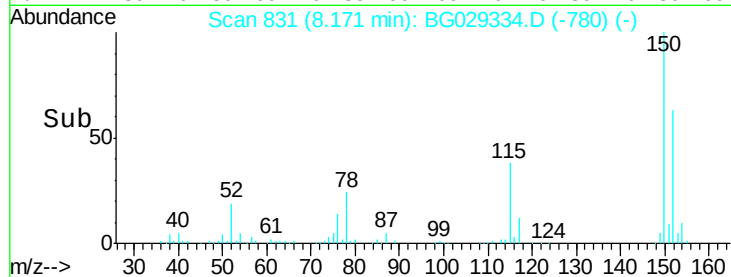
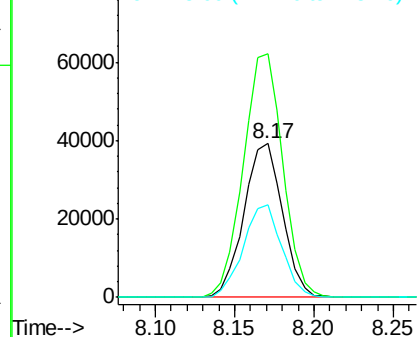
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 831
Delta R.T. 0.00 min
Lab File: BG029334.D
Acq: 18 Oct 2017 15:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 66498
Ion Ratio Lower Upper
152 100
150 158.6 126.6 189.8
115 60.5 53.0 79.4



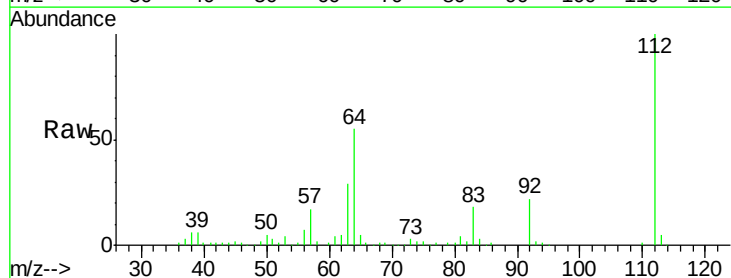
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



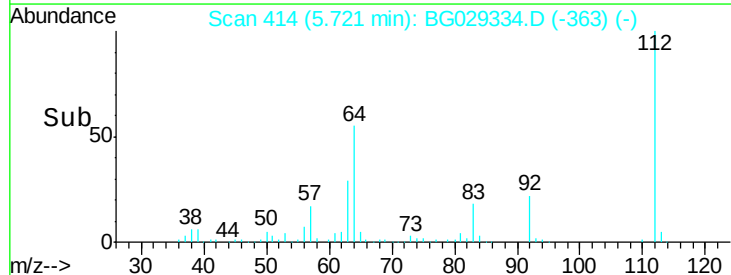
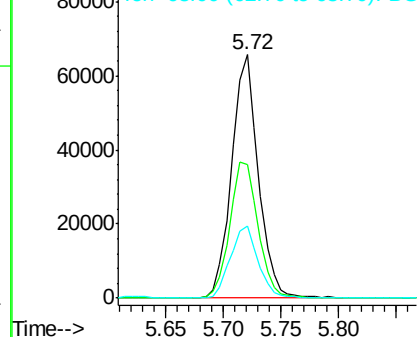
#5

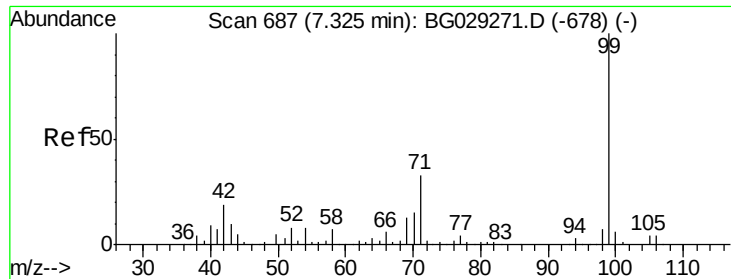
2-Fluorophenol
Concen: 26.294 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG029334.D
Acq: 18 Oct 2017 15:08

Tgt Ion:112 Resp: 104665
Ion Ratio Lower Upper
112 100
64 54.6 56.3 84.5#
63 29.4 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: 23.870 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029334.D

Acq: 18 Oct 2017 15:08

Instrument :

BNA_G

ClientSampled :

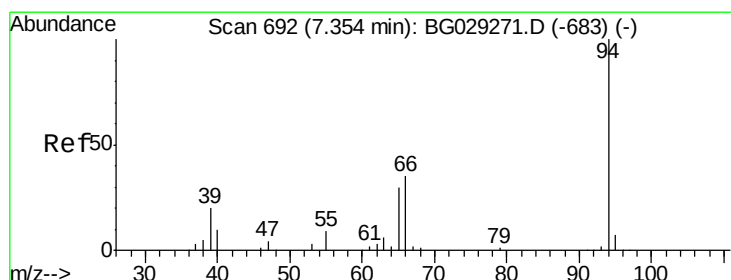
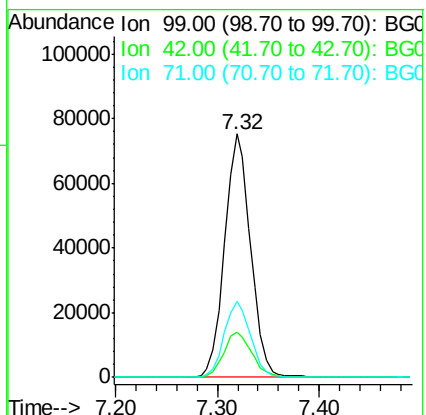
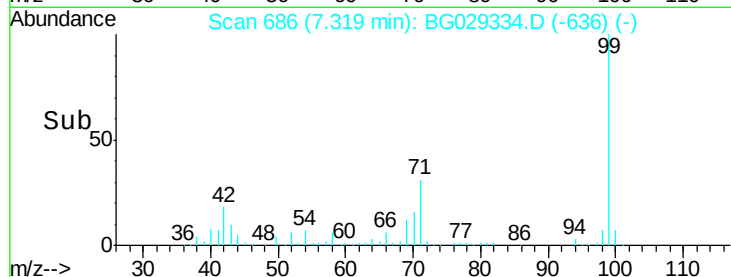
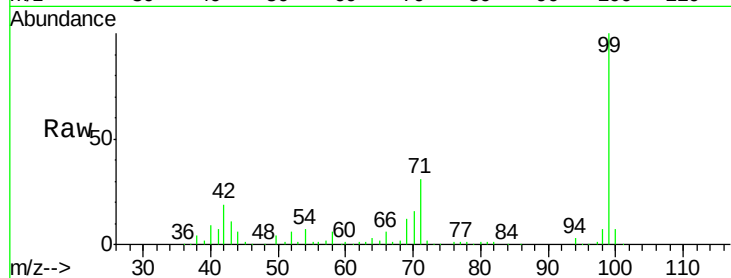
Tgt Ion: 99 Resp: 133373

Ion Ratio Lower Upper

99 100

42 18.7 14.1 21.1

71 31.3 26.1 39.1



#10

Phenol

Concen: 15.622 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG029334.D

Acq: 18 Oct 2017 15:08

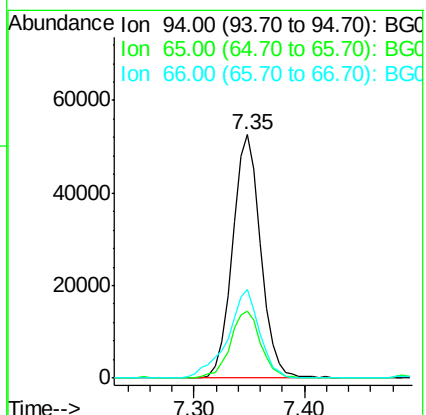
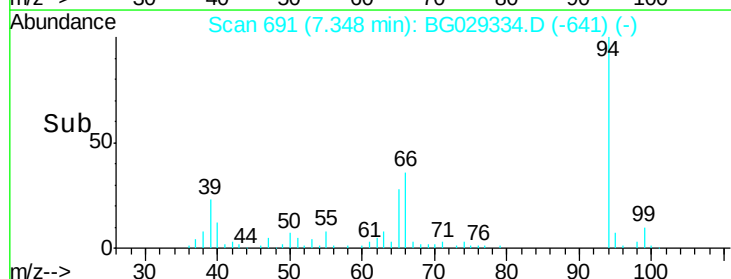
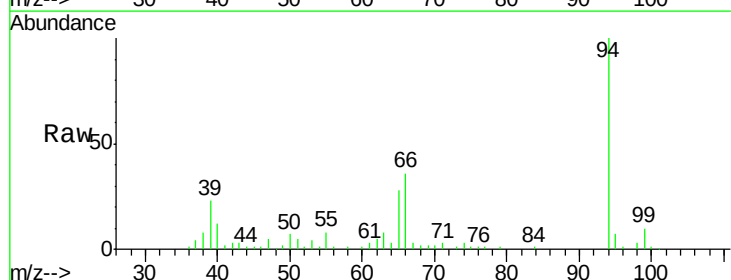
Tgt Ion: 94 Resp: 94105

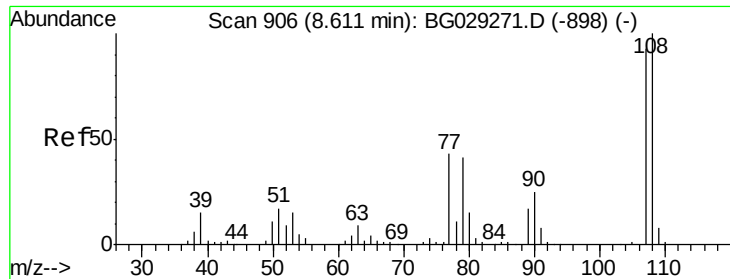
Ion Ratio Lower Upper

94 100

65 27.6 11.9 51.9

66 36.2 22.2 62.2

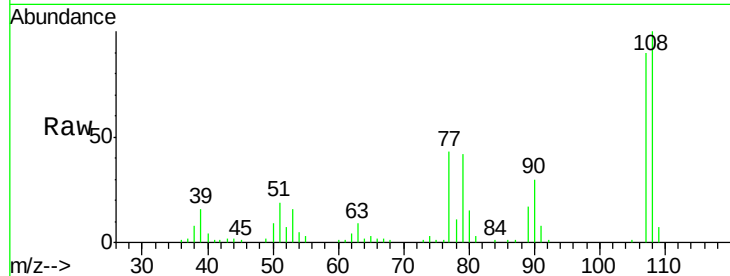




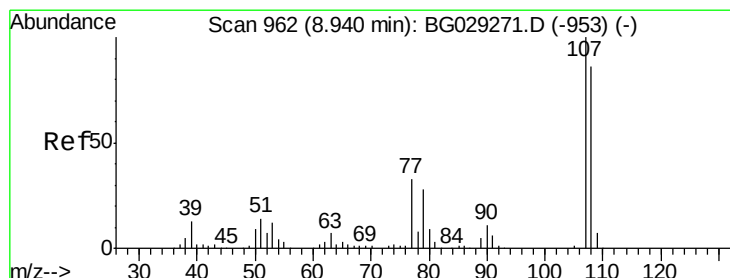
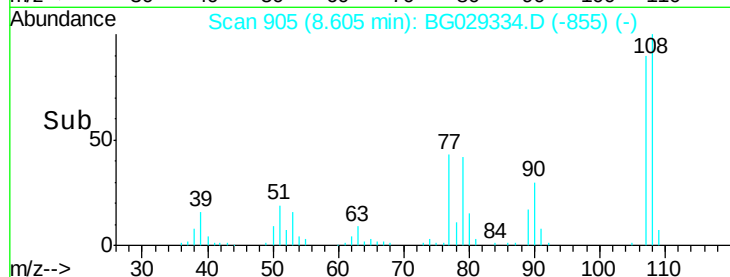
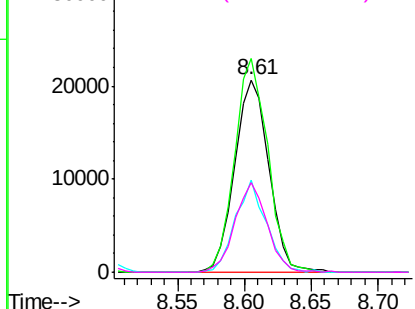
#17
2-Methylphenol
Concen: 9.155 ng
RT: 8.61 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG029334.D
Acq: 18 Oct 2017 15:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 36634
Ion Ratio Lower Upper
107 100
108 110.9 83.9 125.9
77 47.7 37.2 55.8
79 46.8 36.2 54.2

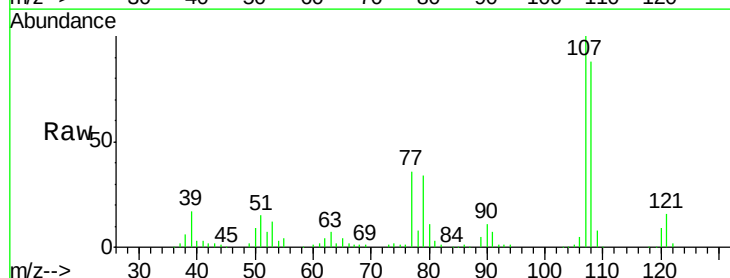


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

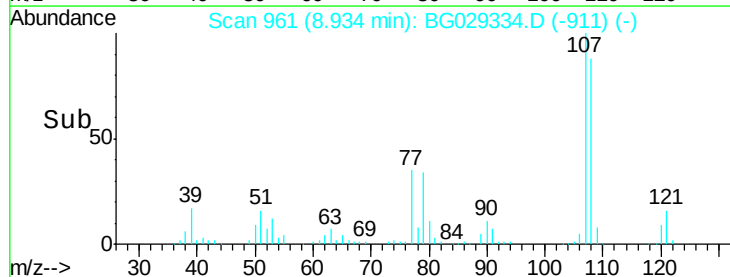
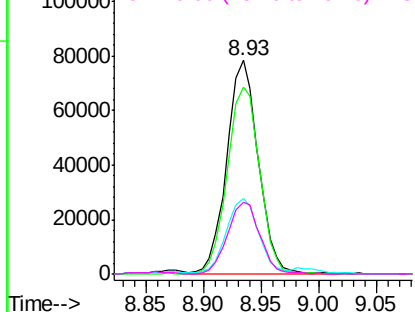


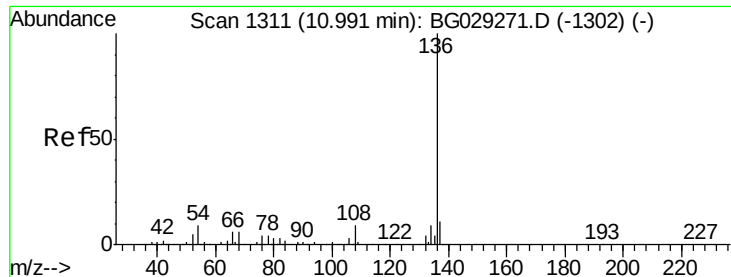
#20
3+4-Methylphenols
Concen: 26.377 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.01 min
Lab File: BG029334.D
Acq: 18 Oct 2017 15:08

Tgt Ion:107 Resp: 148721
Ion Ratio Lower Upper
107 100
108 87.8 61.6 101.6
77 35.6 13.9 53.9
79 33.5 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

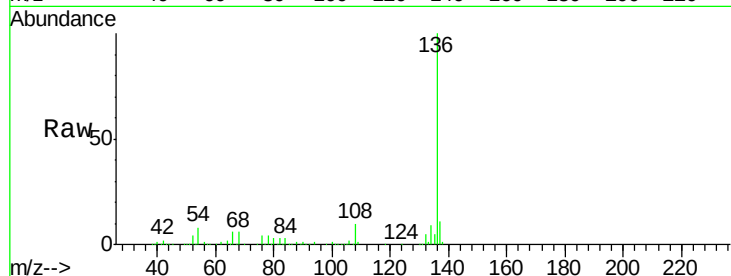




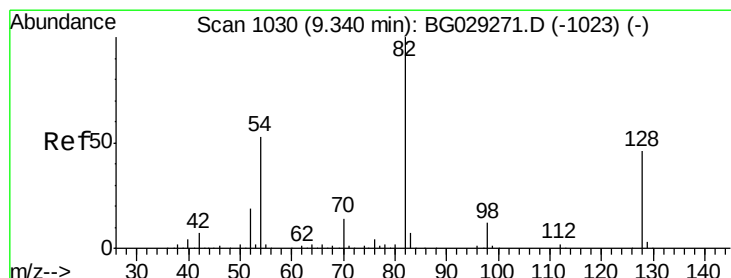
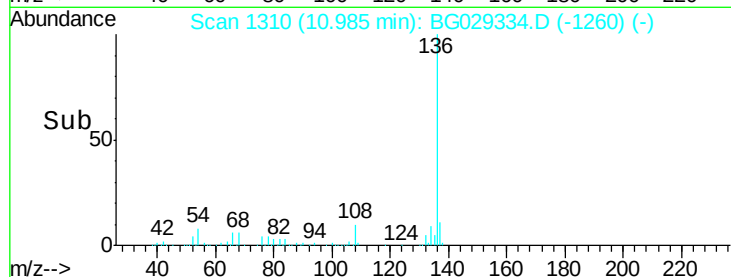
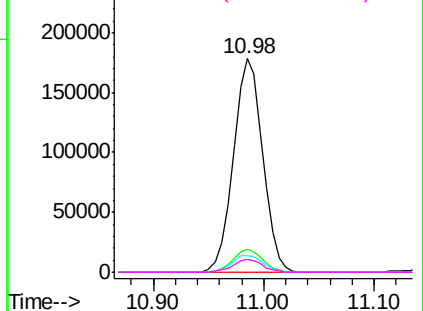
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG029334.D
Acq: 18 Oct 2017 15:08

Instrument :
BNA_G
ClientSampled :

Tgt Ion:	136	Resp:	330227
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	7.8	10.3	15.5#
68	6.0	4.5	6.7

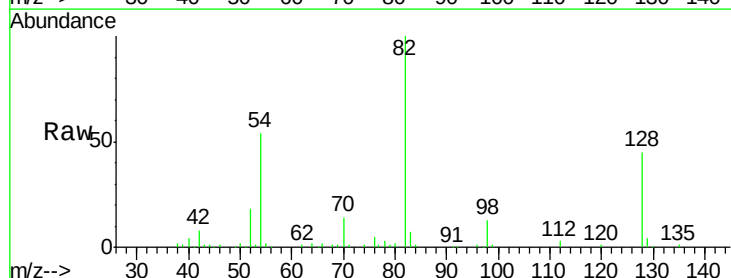


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

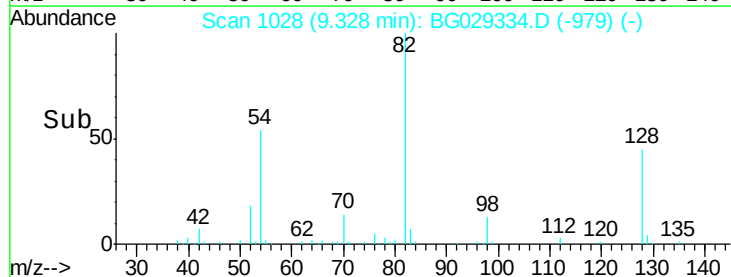
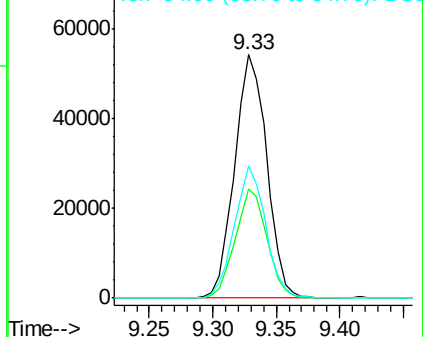


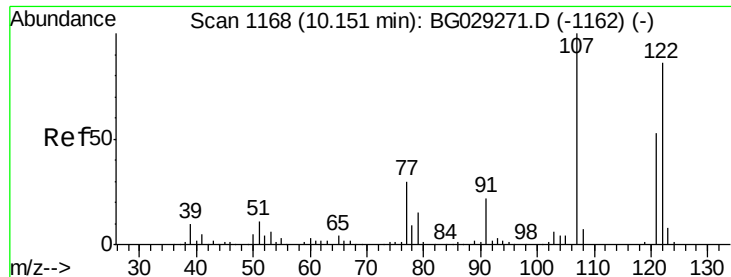
#23
Nitrobenzene-d5
Concen: 18.332 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG029334.D
Acq: 18 Oct 2017 15:08

Tgt Ion:	82	Resp:	95261
Ion	Ratio	Lower	Upper
82	100		
128	44.8	29.7	44.5#
54	54.3	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

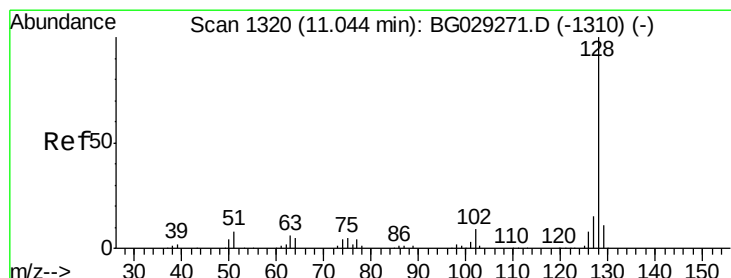
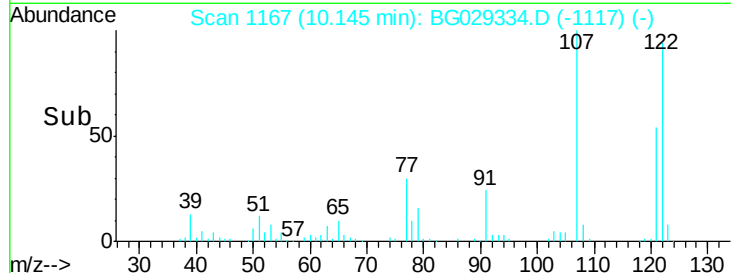
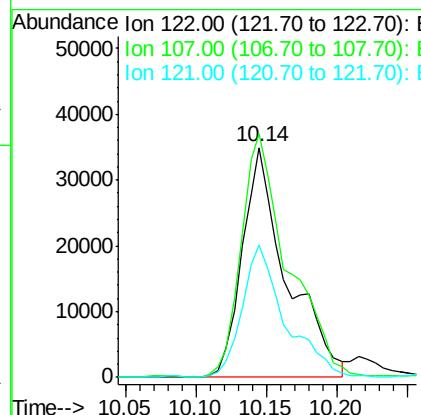
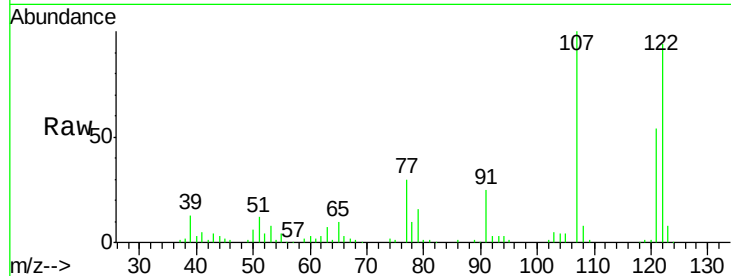




#27
 2,4-Dimethylphenol
 Concen: 15.164 ng
 RT: 10.14 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BG029334.D
 Acq: 18 Oct 2017 15:08

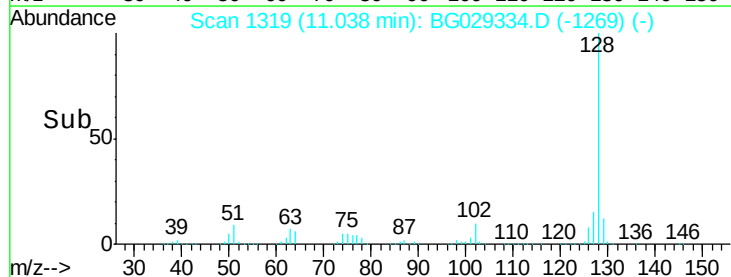
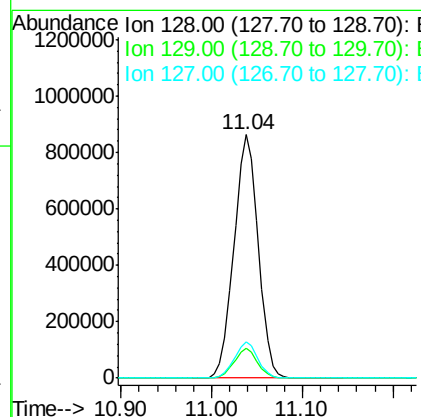
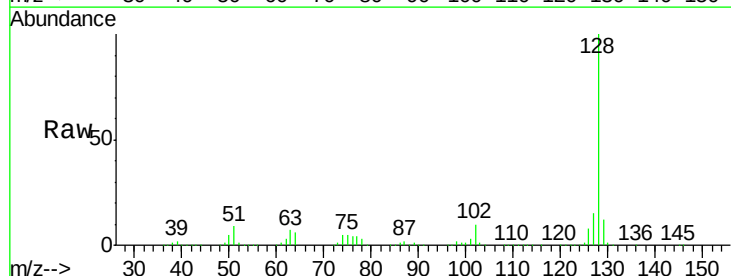
Instrument :
 BNA_G
 ClientSampleId :

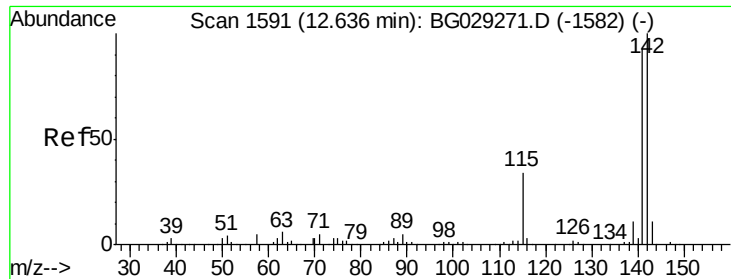
Tgt Ion:122 Resp: 76617
 Ion Ratio Lower Upper
 122 100
 107 105.8 100.2 150.2
 121 57.4 44.4 66.6



#31
 Naphthalene
 Concen: 97.232 ng
 RT: 11.04 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BG029334.D
 Acq: 18 Oct 2017 15:08

Tgt Ion:128 Resp: 1600237
 Ion Ratio Lower Upper
 128 100
 129 12.2 8.6 12.8
 127 15.0 11.6 17.4

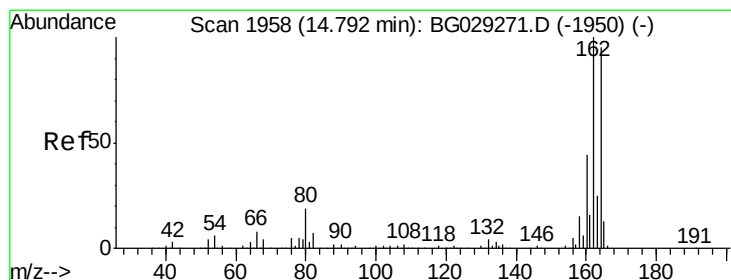
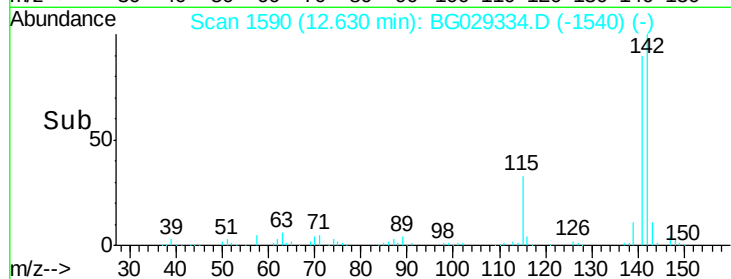
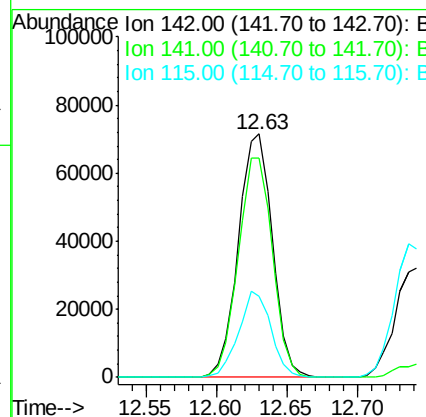
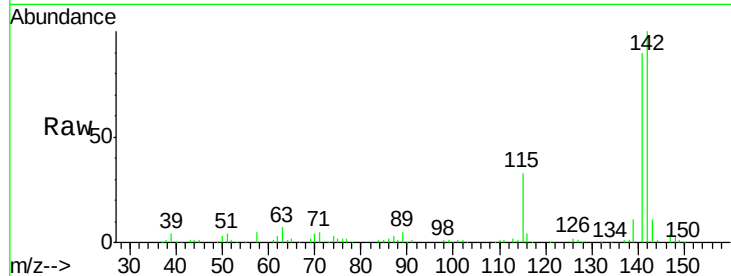




#37
2-Methylnaphthalene
Concen: 10.026 ng
RT: 12.63 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BG029334.D
Acq: 18 Oct 2017 15:08

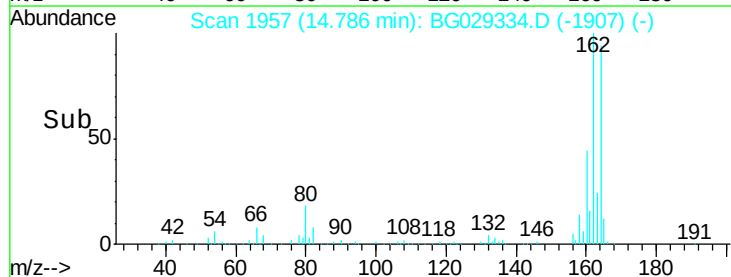
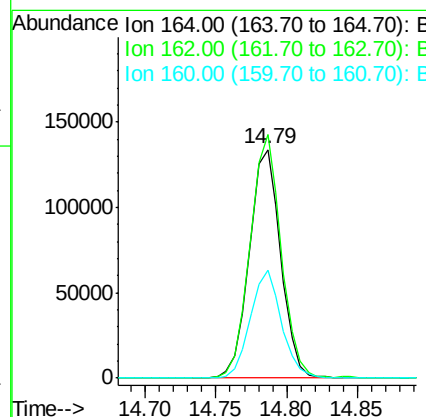
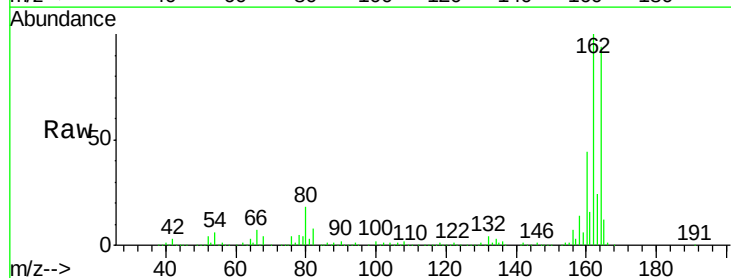
Instrument :
BNA_G
ClientSampleId :

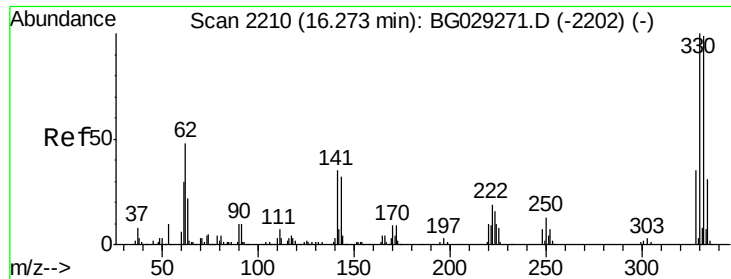
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	67.1	100.7
115	33.4	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG029334.D
Acq: 18 Oct 2017 15:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.5	78.8	118.2
160	47.0	35.4	53.0

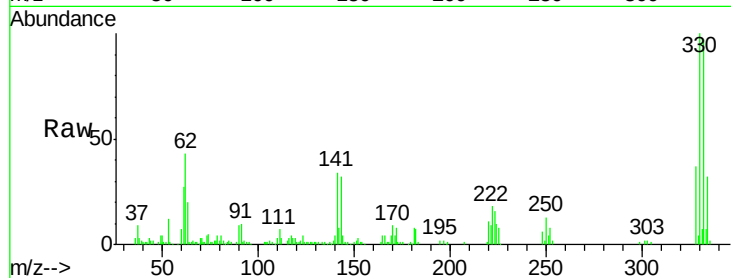




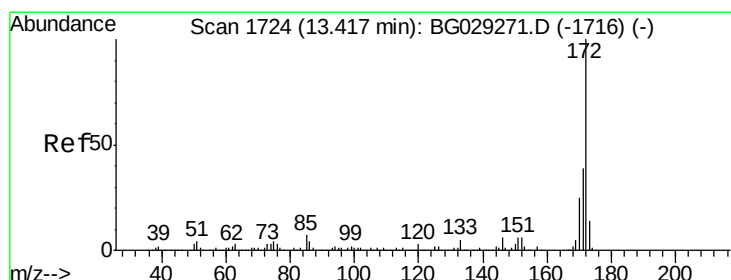
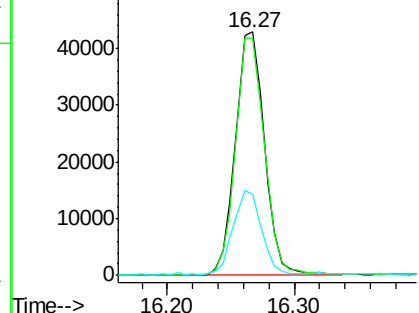
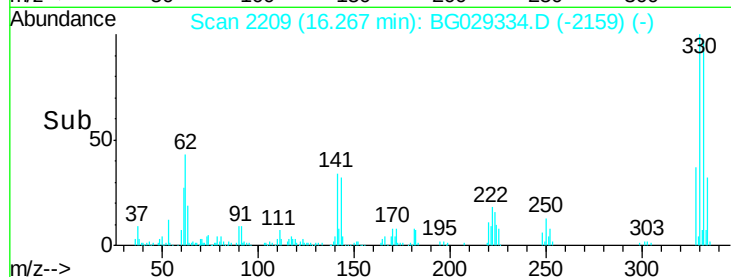
#41
 2,4,6-Tribromophenol
 Concen: 25.340 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG029334.D
 Acq: 18 Oct 2017 15:08

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	34.4	25.2	37.8

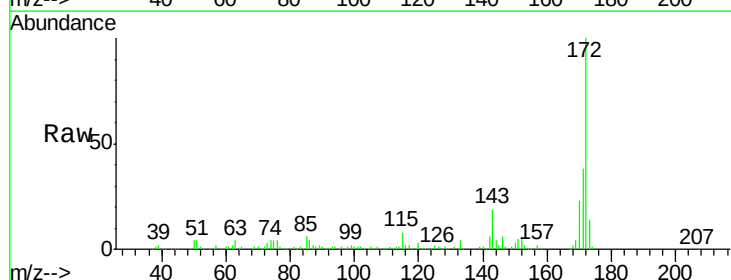


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

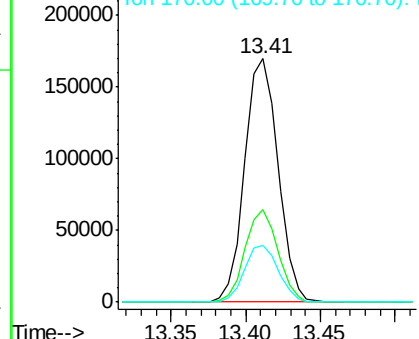
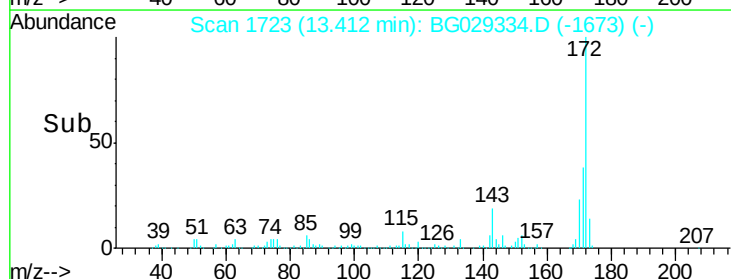


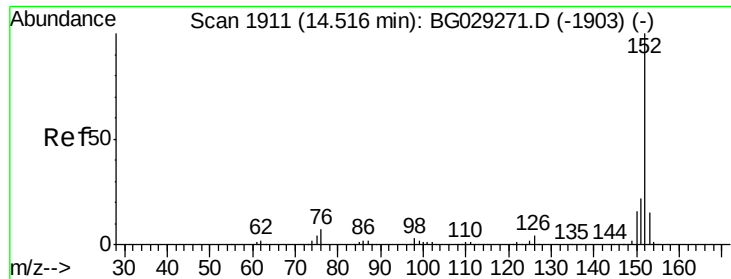
#44
 2-Fluorobiphenyl
 Concen: 18.546 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG029334.D
 Acq: 18 Oct 2017 15:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	23.4	19.5	29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#48

Acenaphthylene

Concen: 2.440 ng

RT: 14.51 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BG029334.D

Acq: 18 Oct 2017 15:08

Instrument :

BNA_G

ClientSampleId :

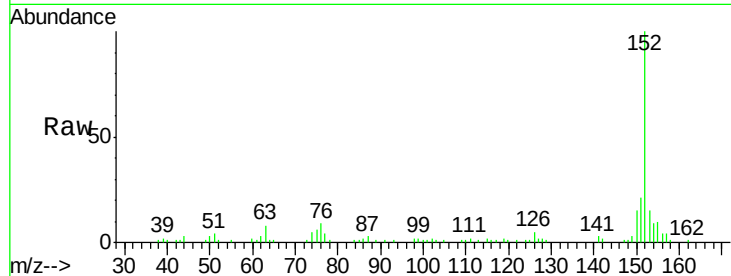
Tgt Ion:152 Resp: 49857

Ion Ratio Lower Upper

152 100

151 20.7 17.2 25.8

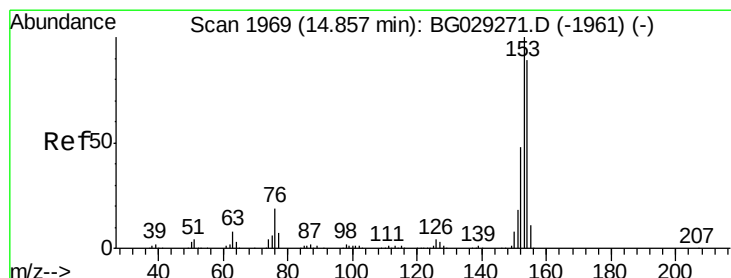
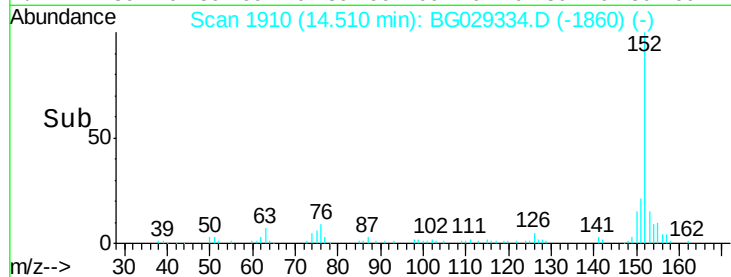
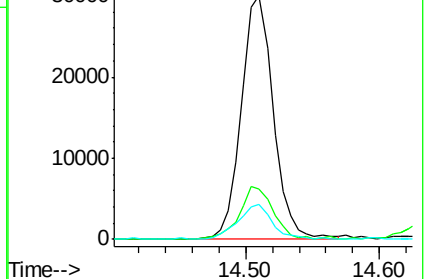
153 14.6 10.2 15.4



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



#51

Acenaphthene

Concen: 4.613 ng

RT: 14.85 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG029334.D

Acq: 18 Oct 2017 15:08

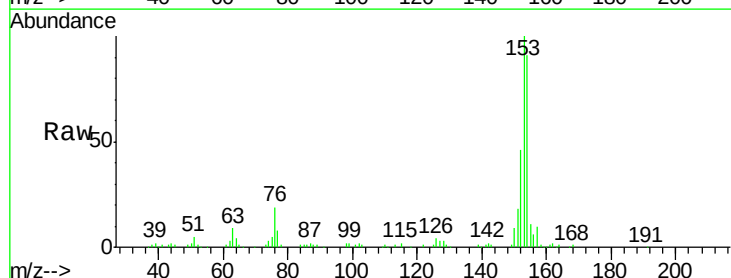
Tgt Ion:154 Resp: 61339

Ion Ratio Lower Upper

154 100

153 109.5 90.4 135.6

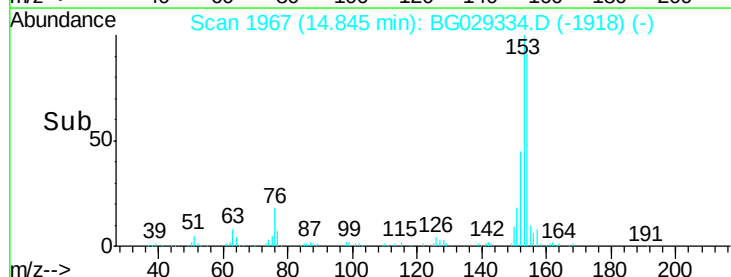
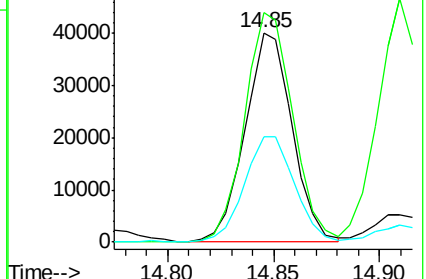
152 50.5 41.6 62.4

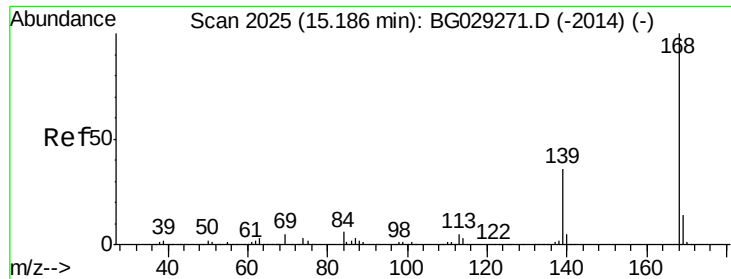


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

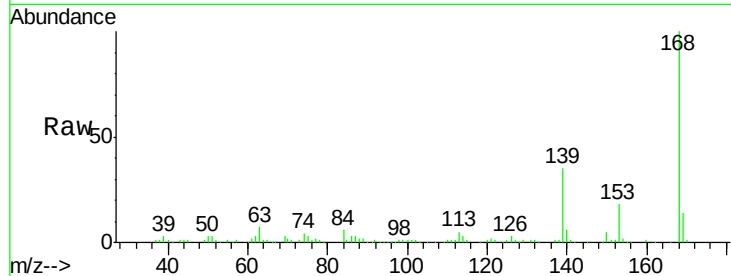




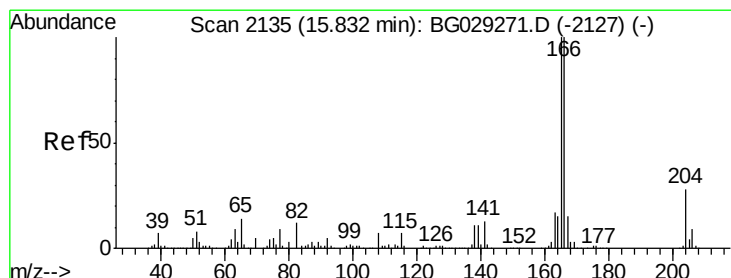
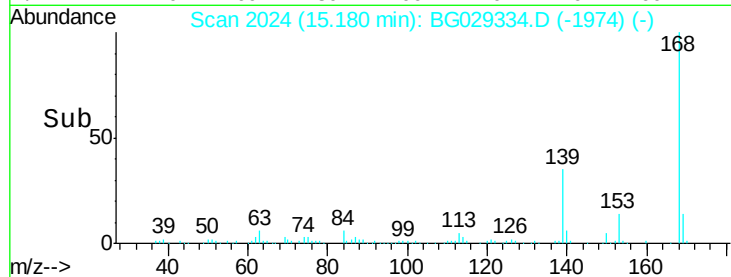
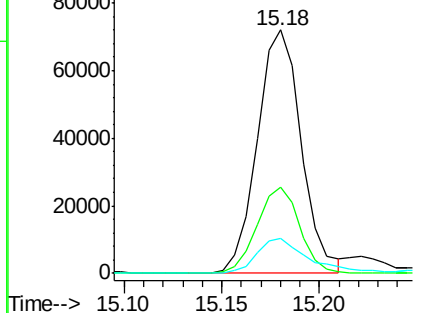
#54
Dibenzenofuran
Concen: 5.910 ng
RT: 15.18 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG029334.D
Acq: 18 Oct 2017 15:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 112186
Ion Ratio Lower Upper
168 100
139 35.5 28.6 43.0
169 14.3 11.2 16.8

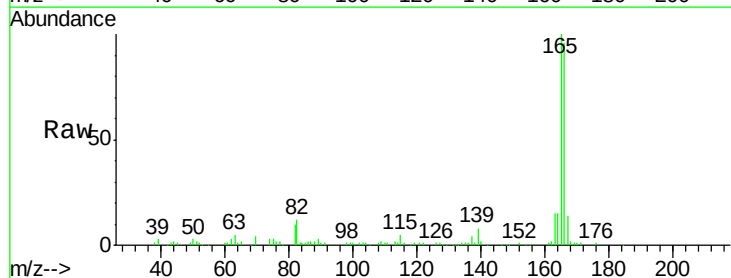


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

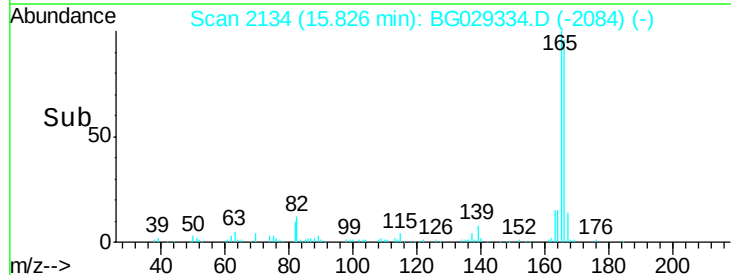
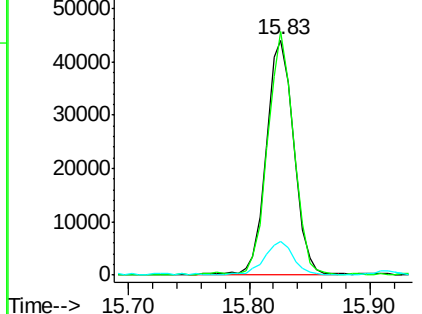


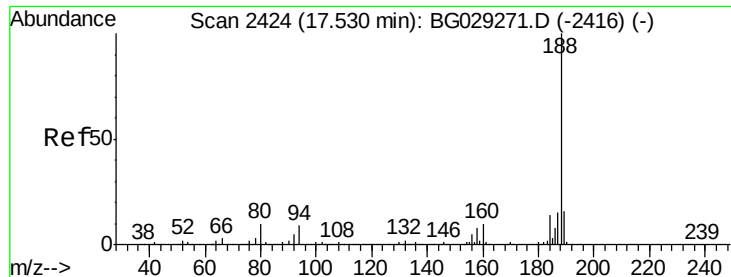
#57
Fluorene
Concen: 4.425 ng
RT: 15.83 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BG029334.D
Acq: 18 Oct 2017 15:08

Tgt Ion:166 Resp: 69382
Ion Ratio Lower Upper
166 100
165 103.7 80.6 121.0
167 14.4 10.4 15.6



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

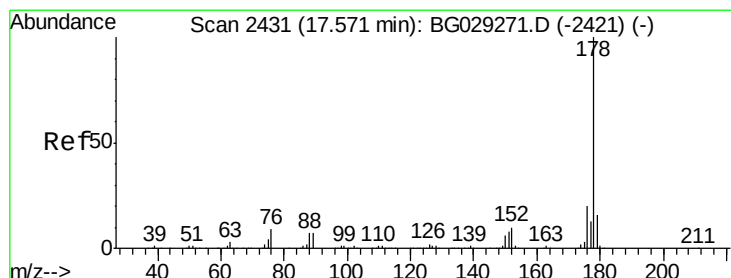
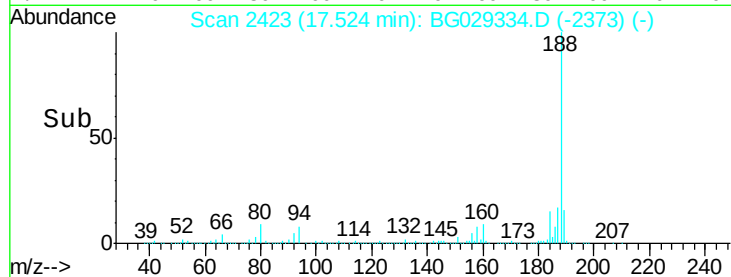
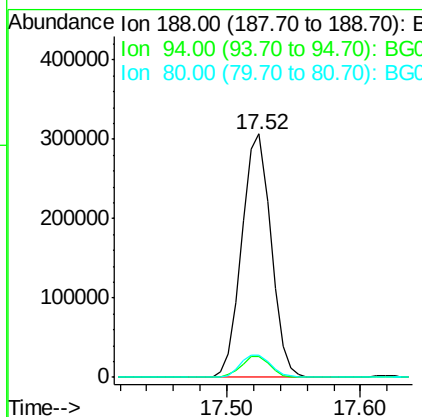
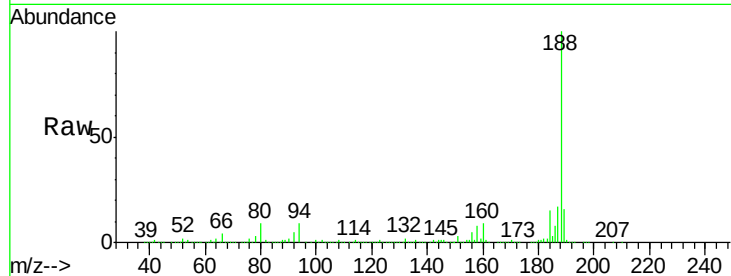




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG029334.D
Acq: 18 Oct 2017 15:08

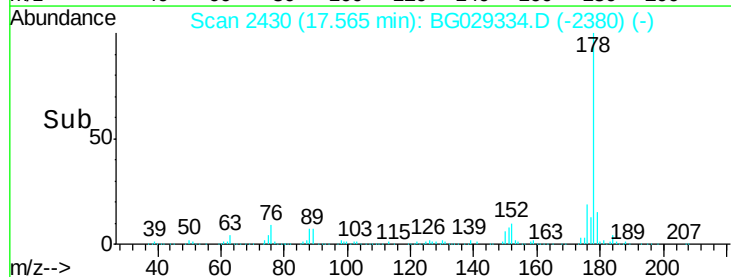
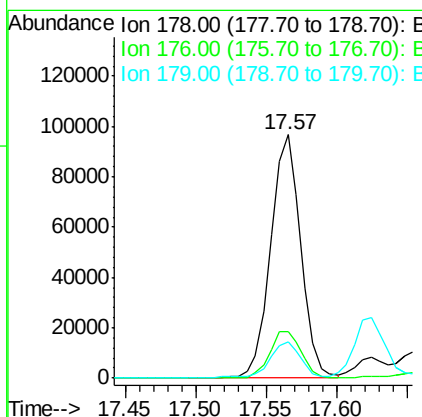
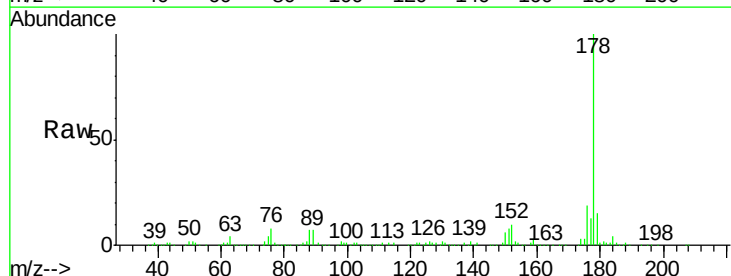
Instrument :
BNA_G
ClientSampleId :

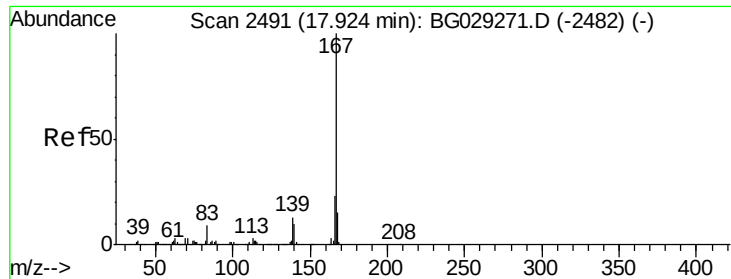
Tgt Ion:188 Resp: 463772
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 9.2 7.7 11.5



#70
Phenanthrene
Concen: 6.019 ng
RT: 17.57 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BG029334.D
Acq: 18 Oct 2017 15:08

Tgt Ion:178 Resp: 144216
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 14.9 12.5 18.7





#72

Carbazole

Concen: 7.710 ng

RT: 17.92 min Scan# 2490

Delta R.T. -0.01 min

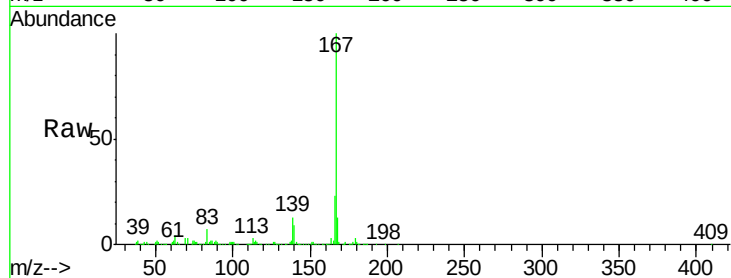
Lab File: BG029334.D

Acq: 18 Oct 2017 15:08

Instrument :

BNA_G

ClientSampleId :



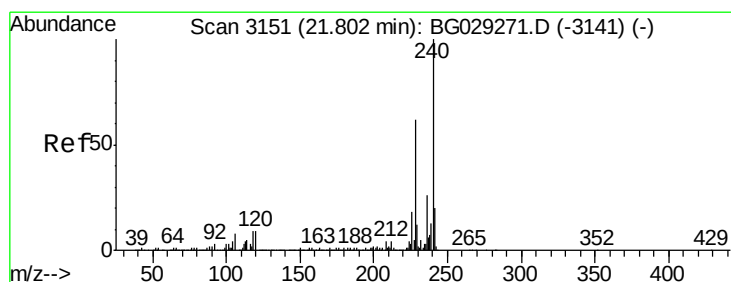
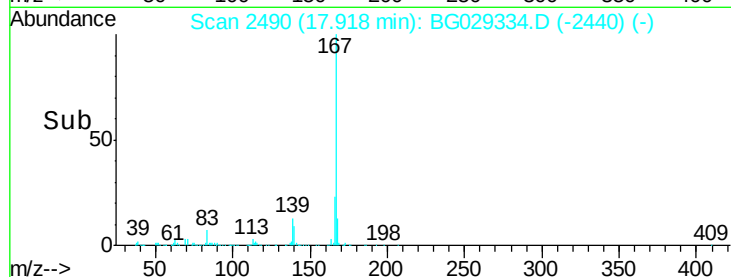
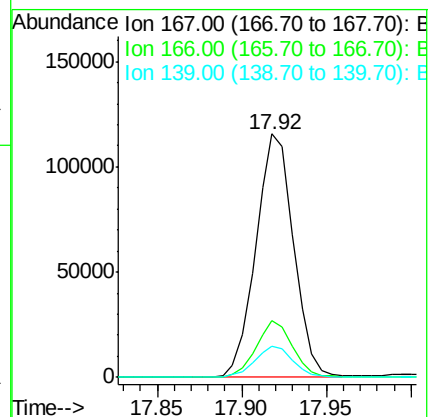
Tgt Ion:167 Resp: 178175

Ion Ratio Lower Upper

167 100

166 23.3 18.2 27.4

139 12.9 9.4 14.2



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG029334.D

Acq: 18 Oct 2017 15:08

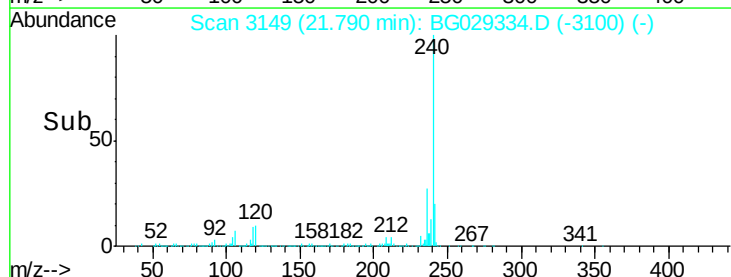
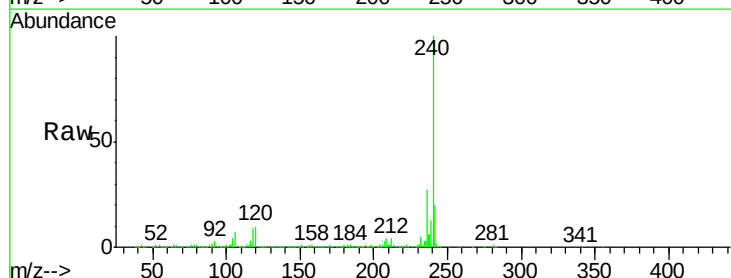
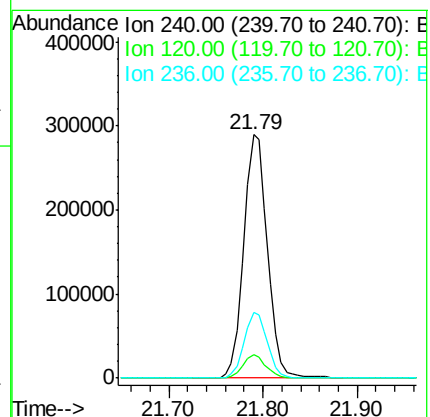
Tgt Ion:240 Resp: 503483

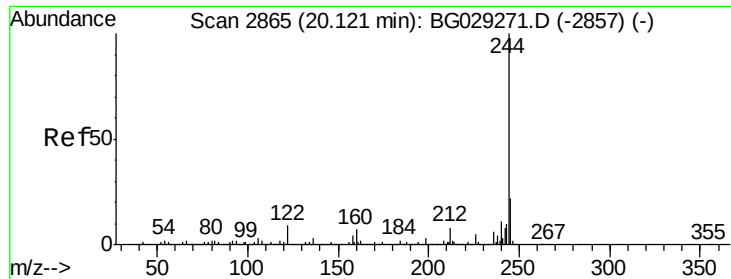
Ion Ratio Lower Upper

240 100

120 9.5 6.8 10.2

236 27.1 20.9 31.3





#78

Terphenyl-d14

Concen: 18.340 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG029334.D

Acq: 18 Oct 2017 15:08

Instrument :

BNA_G

ClientSampleId :

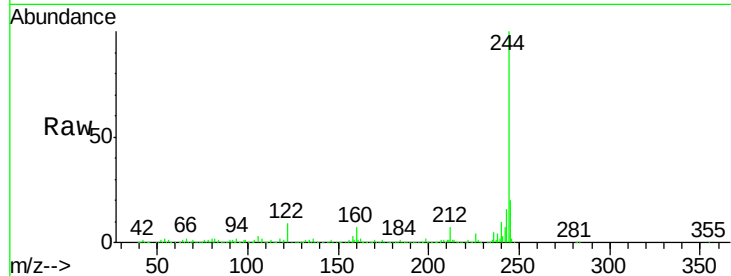
Tgt Ion:244 Resp: 405902

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

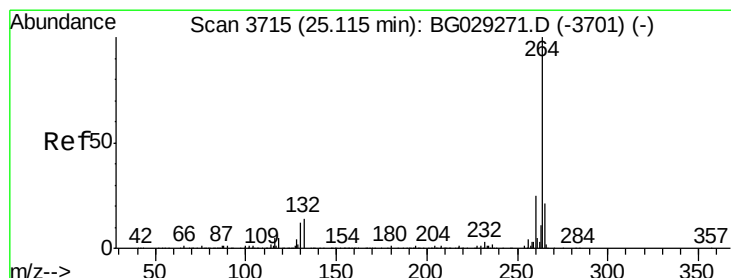
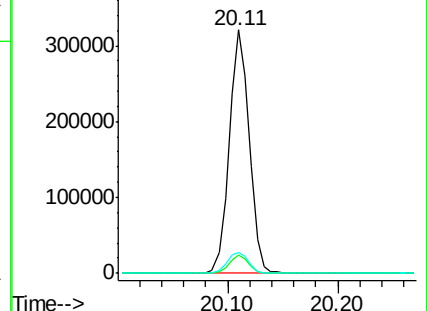
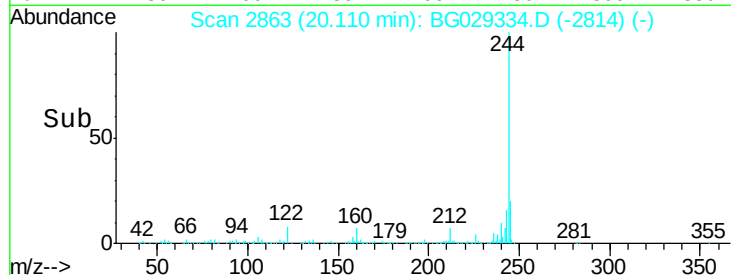
122 8.5 7.0 10.4



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: 25.10 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG029334.D

Acq: 18 Oct 2017 15:08

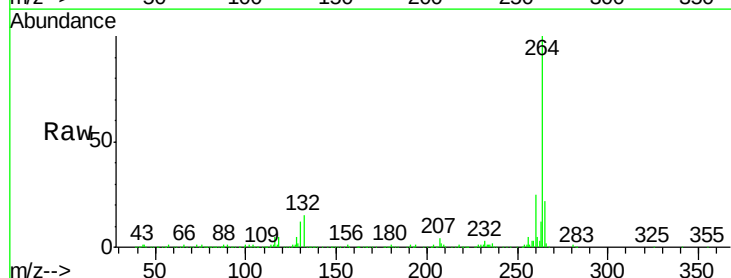
Tgt Ion:264 Resp: 501037

Ion Ratio Lower Upper

264 100

260 25.2 17.4 26.0

265 21.7 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

