

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121217\
 Data File : BG031511.D
 Acq On : 13 Dec 2017 3:41
 Operator : SJ/JU
 Sample : I6872-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 293-311

Quant Time: Dec 13 05:58:58 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

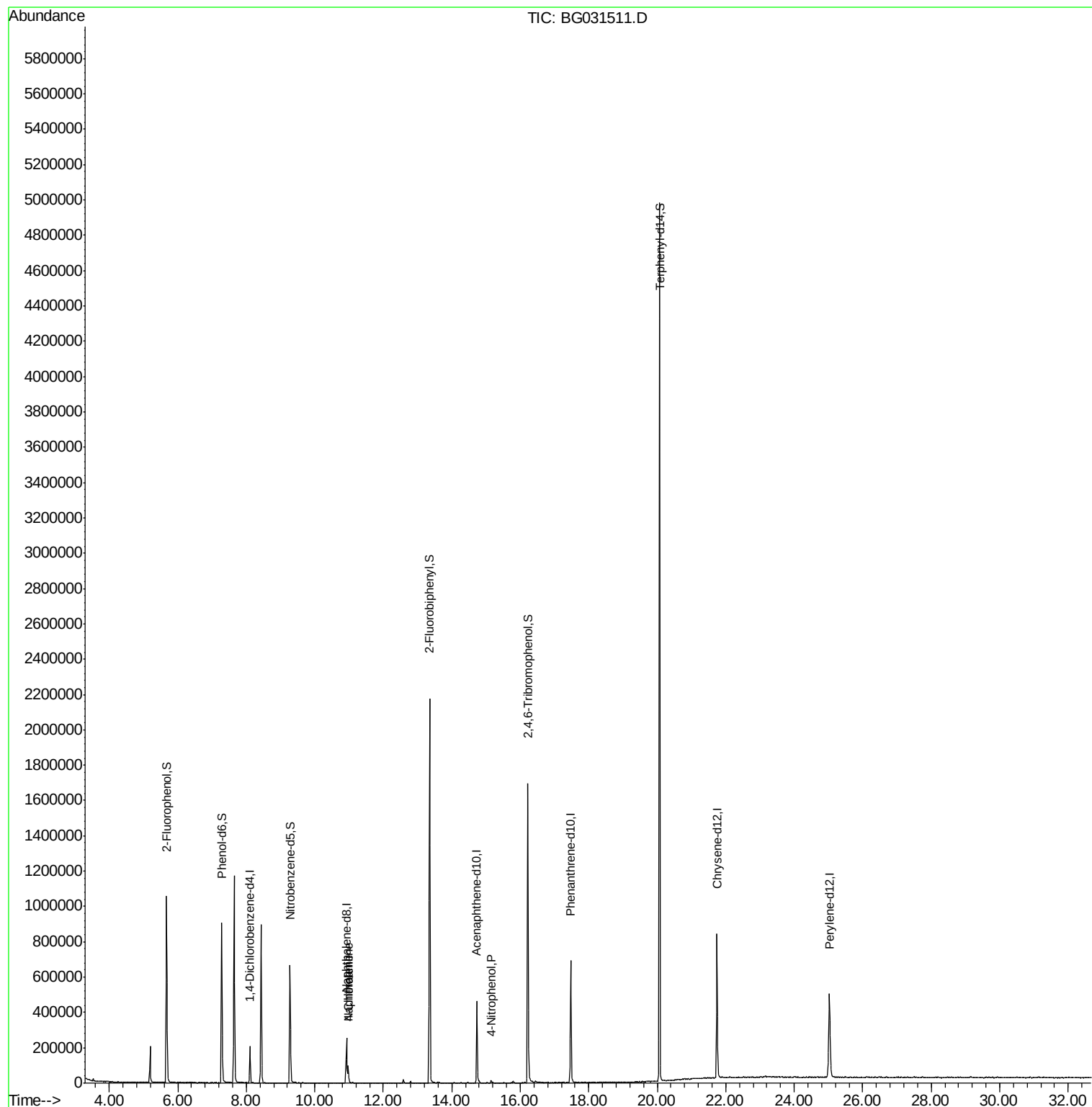
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	62008	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	269915	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	182270	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	478433	20.00	ng	0.00
75) Chrysene-d12	21.74	240	557796	20.00	ng	0.00
86) Perylene-d12	25.03	264	537669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	526491	150.50	ng	0.00
7) Phenol-d6	7.28	99	606065	124.80	ng	0.01
23) Nitrobenzene-d5	9.28	82	447002	102.08	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	365047	170.95	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1250294	100.69	ng	0.00
78) Terphenyl-d14	20.07	244	2351752	95.92	ng	0.00
Target Compounds						
31) Naphthalene	10.97	128	89410	6.743	ng	98
33) 4-Chloroaniline	10.97	127	12162	2.112	ng	# 32
55) 4-Nitrophenol	15.15	139	3086	4.870	ng	# 1

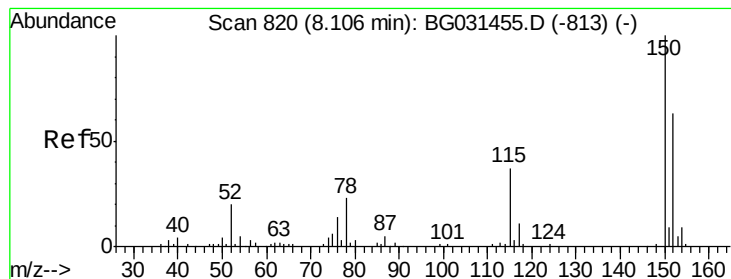
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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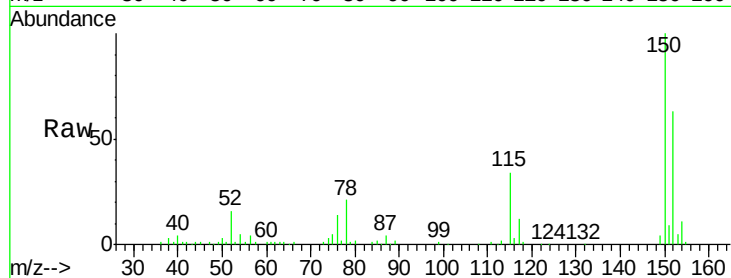


#1

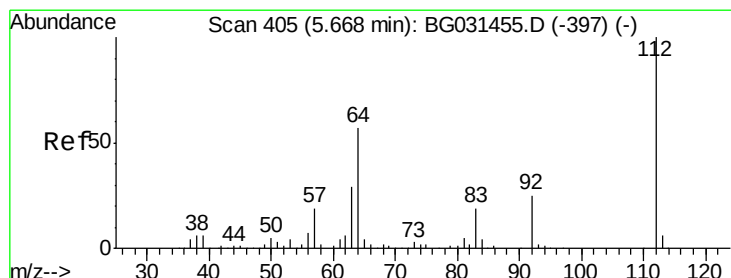
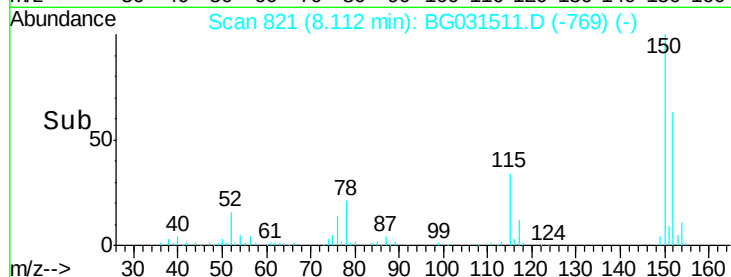
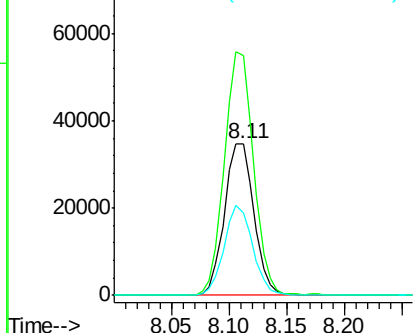
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. 0.01 min
Lab File: BG031511.D
Acq: 13 Dec 2017 3:41

Instrument :
BNA_G
ClientSampleId :
293-311

Tot Ion:152 Resp: 62008
Ion Ratio Lower Upper
152 100
150 157.7 126.6 189.8
115 54.3 53.0 79.4



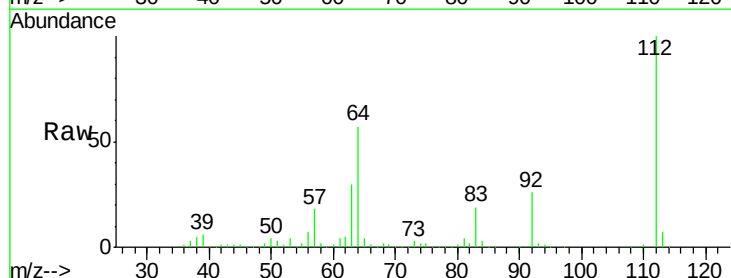
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



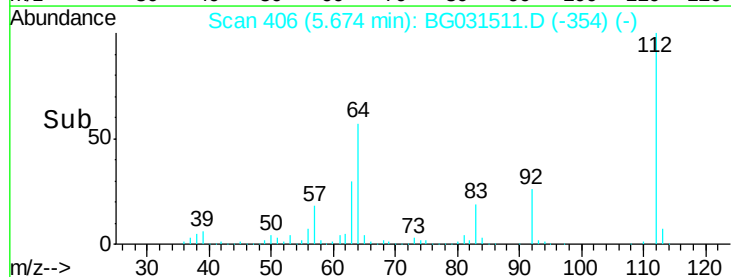
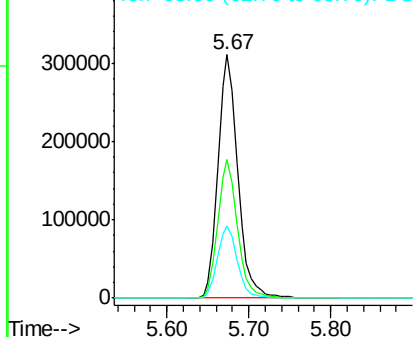
#5

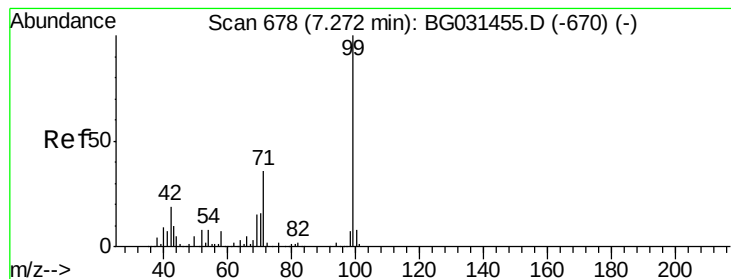
2-Fluorophenol
Concen: 150.499 ng
RT: 5.67 min Scan# 406
Delta R.T. 0.01 min
Lab File: BG031511.D
Acq: 13 Dec 2017 3:41

Tgt Ion:112 Resp: 526491
Ion Ratio Lower Upper
112 100
64 56.9 56.3 84.5
63 29.6 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: 124.796 ng

RT: 7.28 min Scan# 680

Delta R.T. 0.01 min

Lab File: BG031511.D

Acq: 13 Dec 2017 3:41

Instrument :

BNA_G

ClientSampleId :

293-311

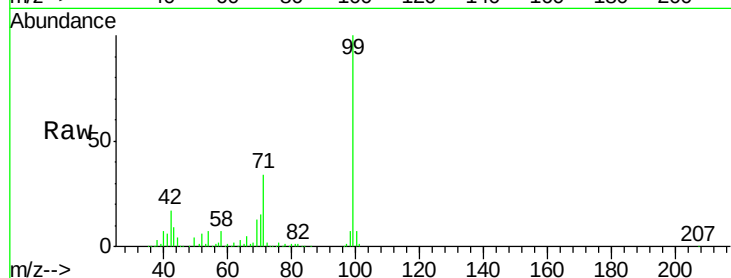
Tot Ion: 99 Resp: 606065

Ion Ratio Lower Upper

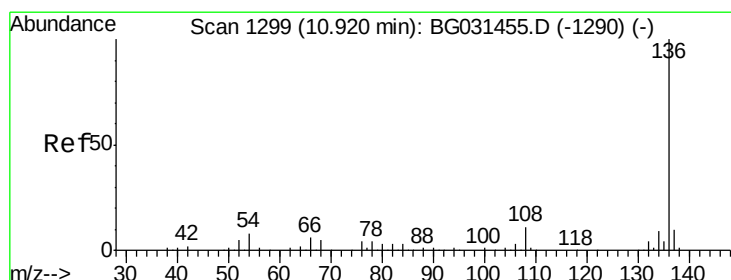
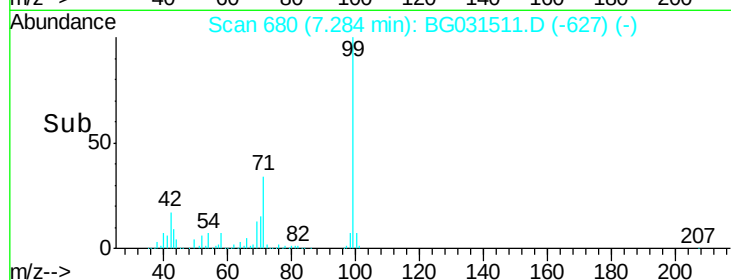
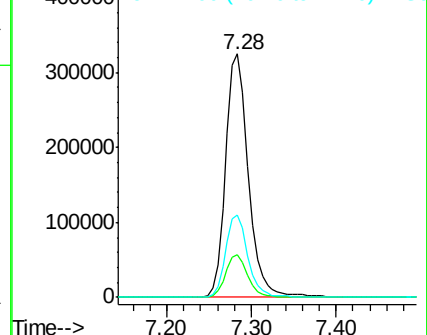
99 100

42 17.4 14.1 21.1

71 33.7 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BG031511.D

Acq: 13 Dec 2017 3:41

Tgt Ion: 136 Resp: 269915

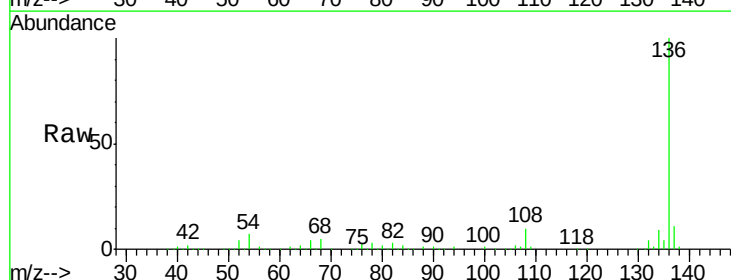
Ion Ratio Lower Upper

136 100

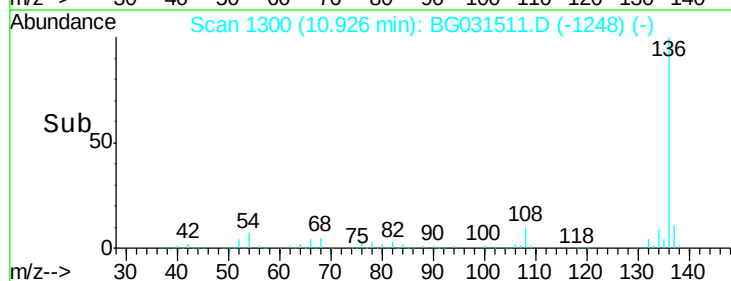
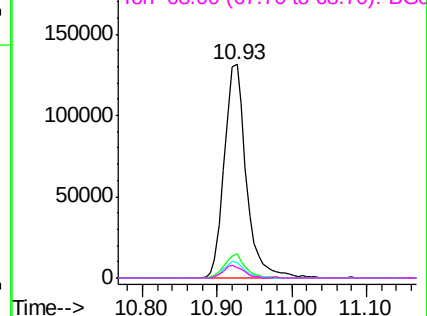
137 11.3 9.2 13.8

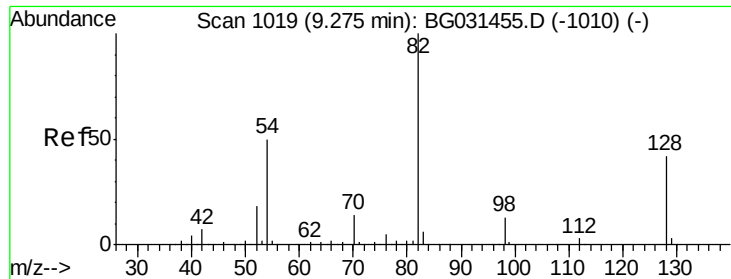
54 7.3 10.3 15.5#

68 5.0 4.5 6.7



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

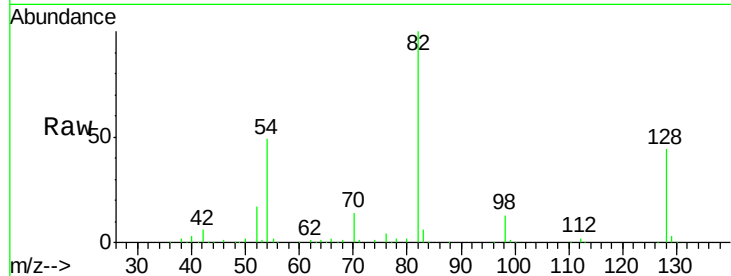




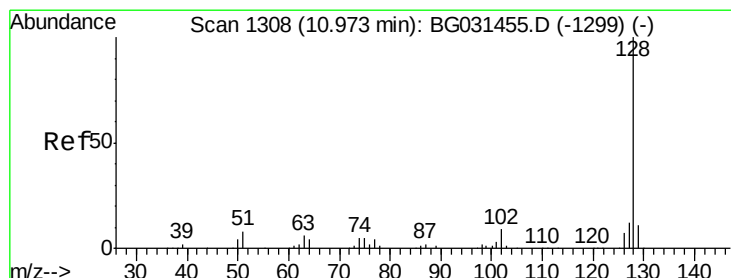
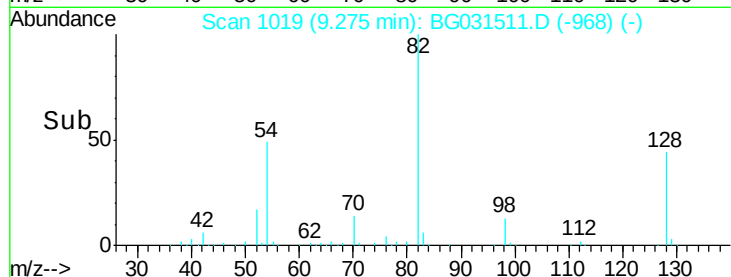
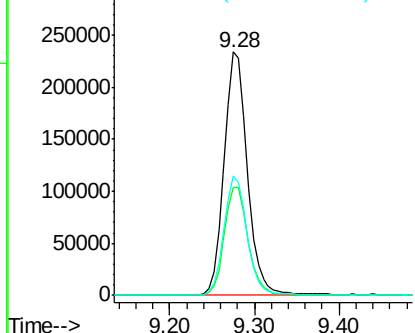
#23
 Nitrobenzene-d5
 Concen: 102.076 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG031511.D
 Acq: 13 Dec 2017 3:41

Instrument :
 BNA_G
 ClientSampleId :
 293-311

Tot Ion	82	Resp	447002
Ion Ratio	Lower	Upper	
82	100		
128	44.4	29.7	44.5
54	48.9	43.1	64.7

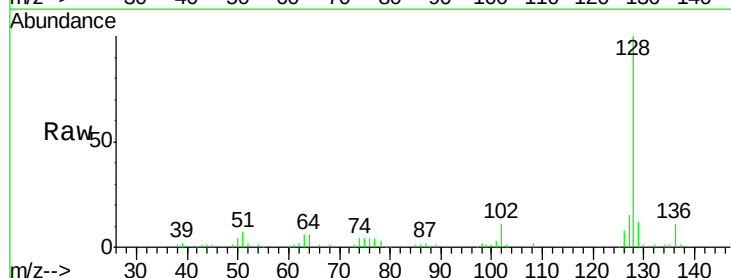


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

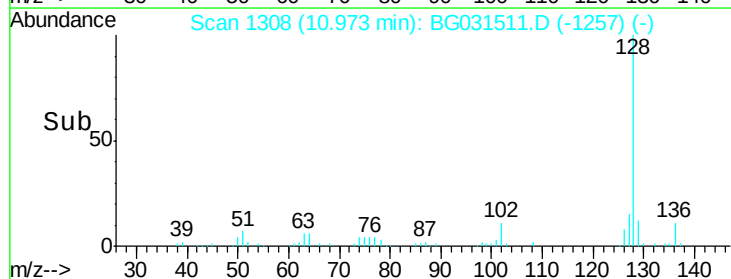
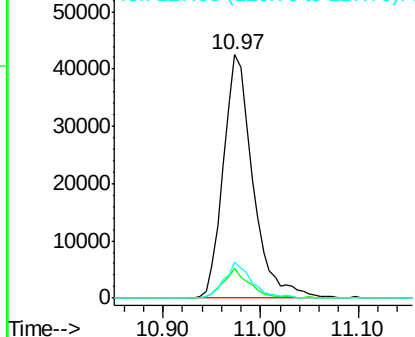


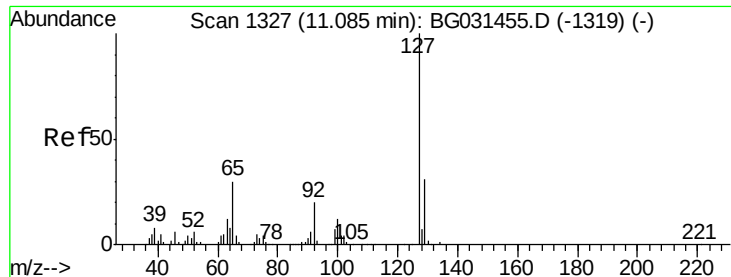
#31
 Naphthalene
 Concen: 6.743 ng
 RT: 10.97 min Scan# 1308
 Delta R.T. -0.00 min
 Lab File: BG031511.D
 Acq: 13 Dec 2017 3:41

Tgt Ion	128	Resp	89410
Ion Ratio	Lower	Upper	
128	100		
129	12.1	8.6	12.8
127	14.9	11.6	17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC

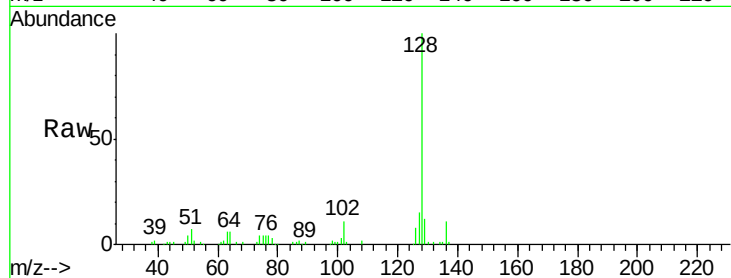




#33
4-Chloroaniline
Concen: 2.112 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.11 min
Lab File: BG031511.D
Acq: 13 Dec 2017 3:41

Instrument :
BNA_G
ClientSampleId :
293-311

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		12162		
129	81.3	24.0	36.0#		
65	0.0	27.0	40.4#		
92	0.0	16.6	25.0#		



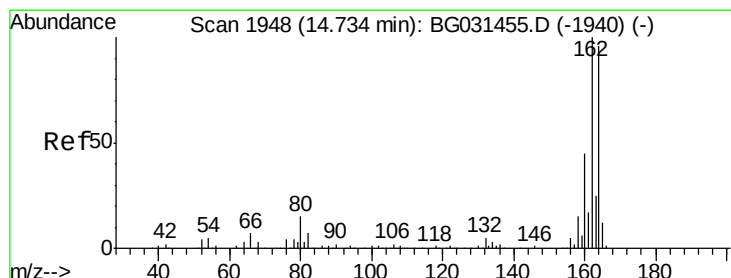
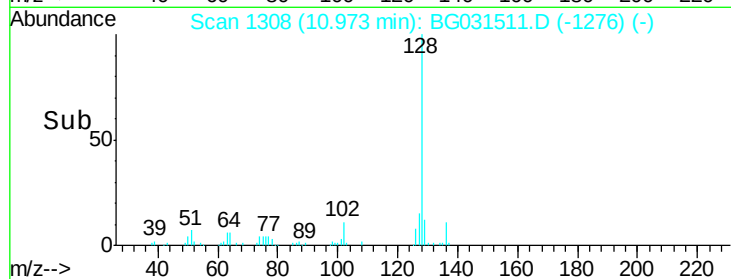
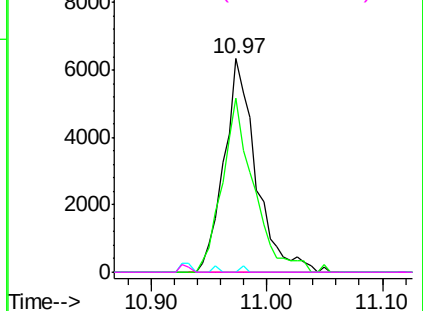
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

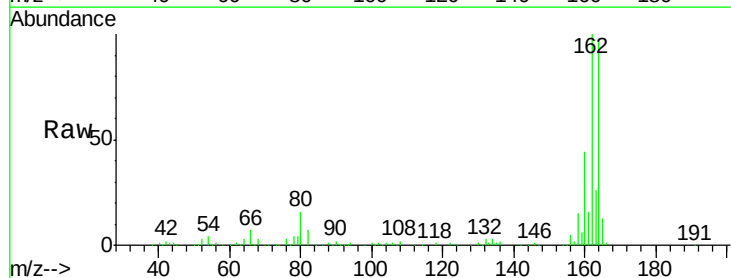
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BG031511.D
Acq: 13 Dec 2017 3:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		182270		
162	102.7	78.8	118.2		
160	45.2	35.4	53.0		

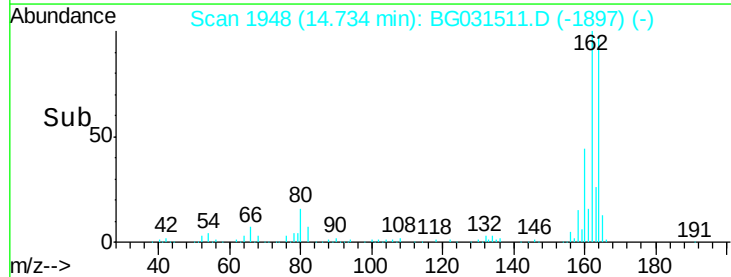
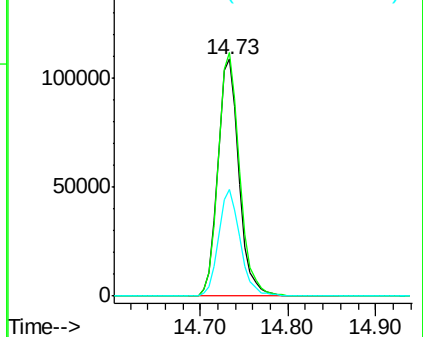


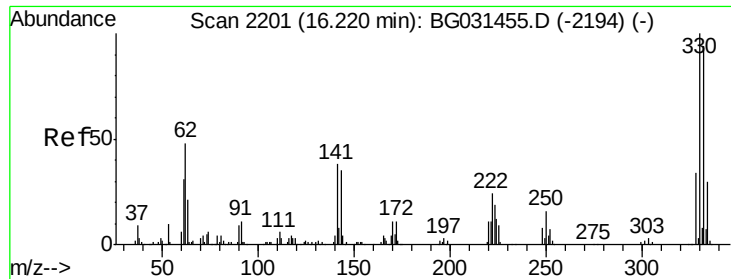
Abundance

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

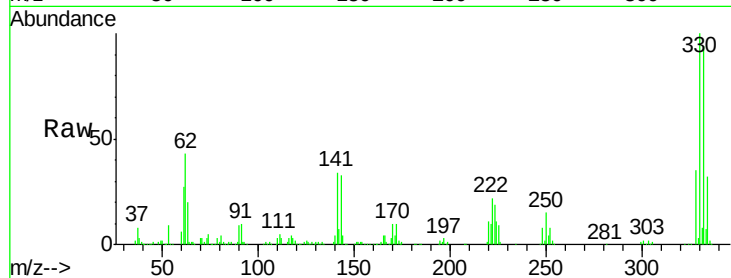




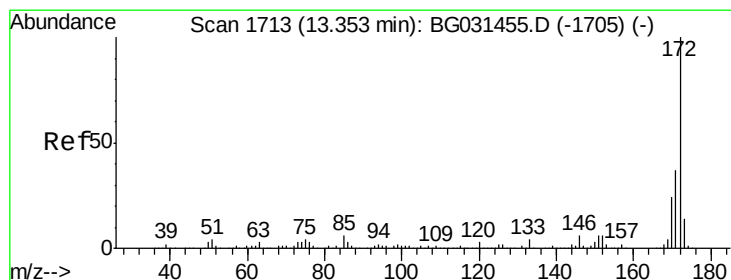
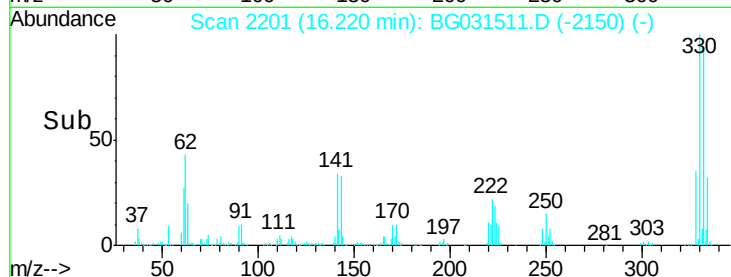
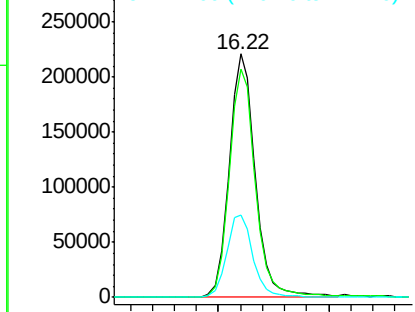
#41
 2,4,6-Tribromophenol
 Concen: 170.953 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031511.D
 Acq: 13 Dec 2017 3:41

Instrument :
 BNA_G
 ClientSampleId :
 293-311

Tot Ion:330 Resp: 365047
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 34.8 25.2 37.8

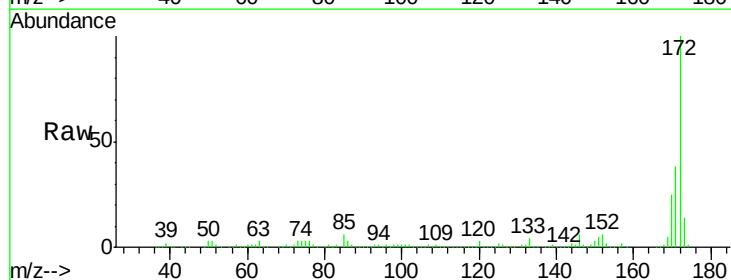


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

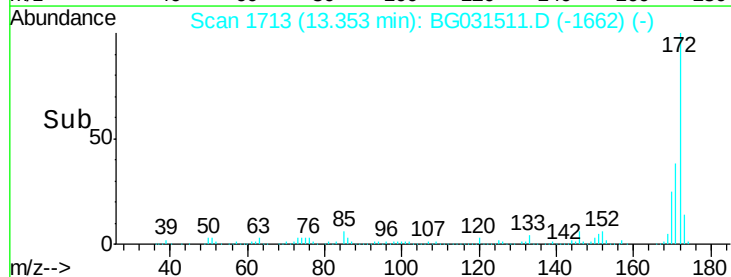
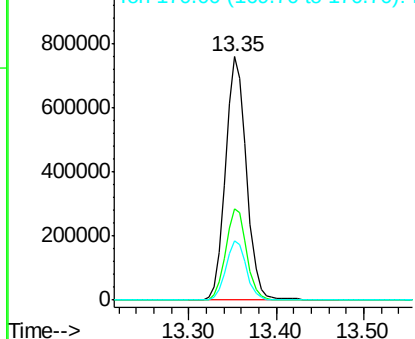


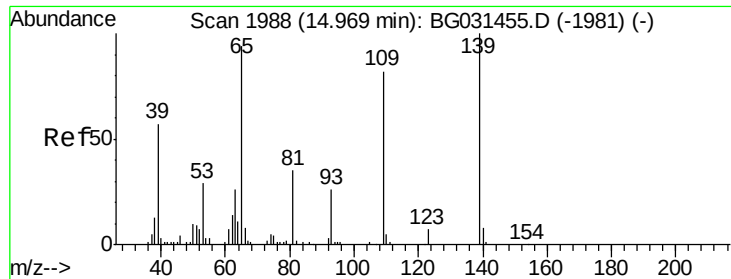
#44
 2-Fluorobiphenyl
 Concen: 100.690 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG031511.D
 Acq: 13 Dec 2017 3:41

Tgt Ion:172 Resp: 1250294
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.0 45.0
 170 24.5 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

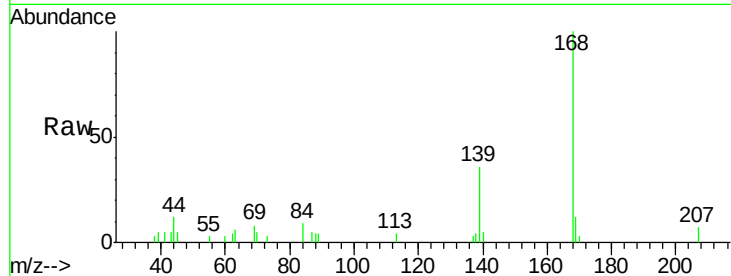




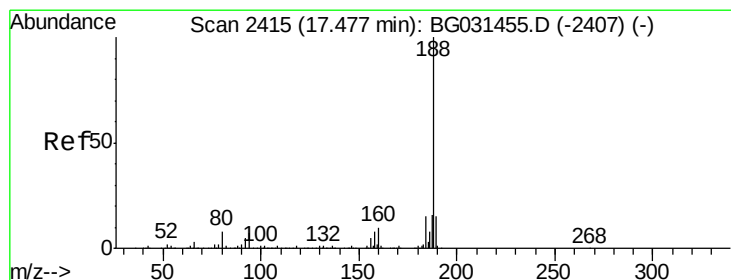
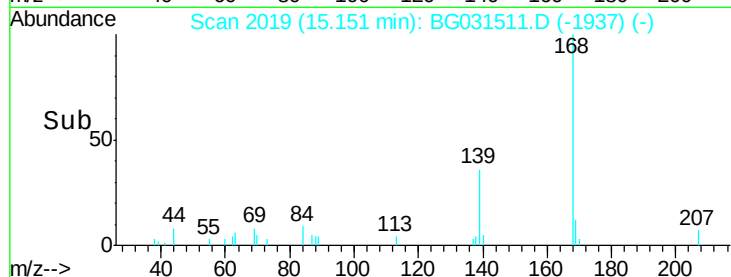
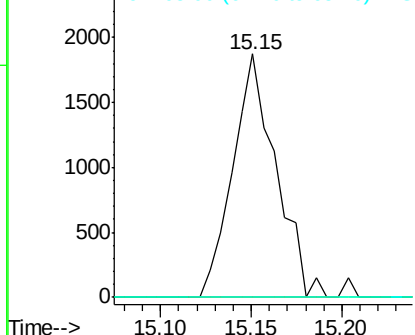
#55
4-Nitrophenol
Concen: 4.870 ng
RT: 15.15 min Scan# 2019
Delta R.T. 0.18 min
Lab File: BG031511.D
Acq: 13 Dec 2017 3:41

Instrument :
BNA_G
ClientSampleId :
293-311

Tot Ion:139 Resp: 3086
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#

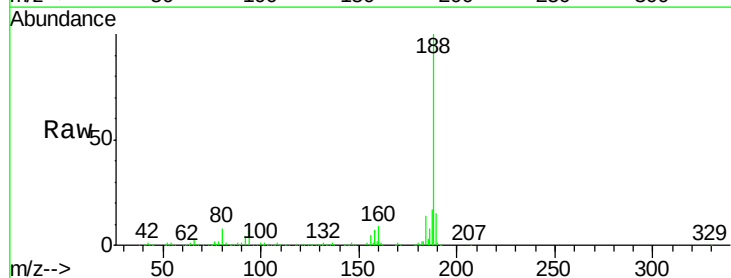


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

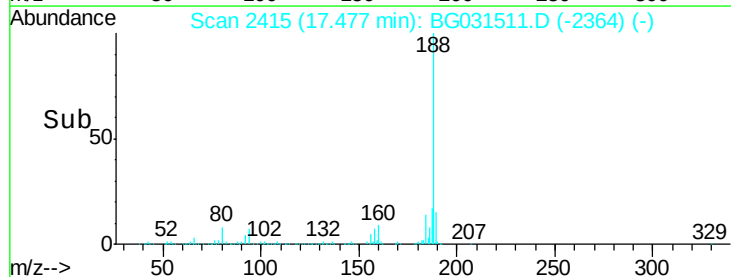
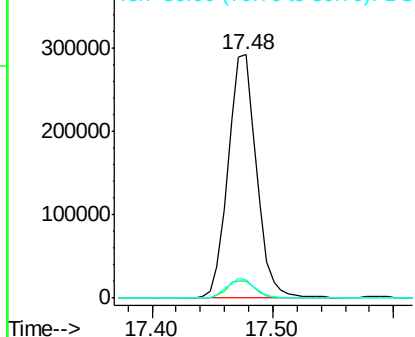


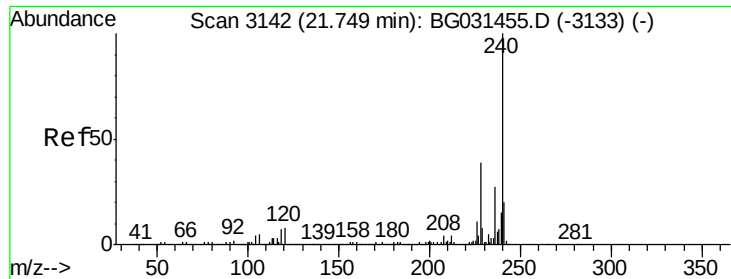
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BG031511.D
Acq: 13 Dec 2017 3:41

Tgt Ion:188 Resp: 478433
Ion Ratio Lower Upper
188 100
94 7.0 6.9 10.3
80 7.5 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG031511.D

Acq: 13 Dec 2017 3:41

Instrument :

BNA_G

ClientSampleId :

293-311

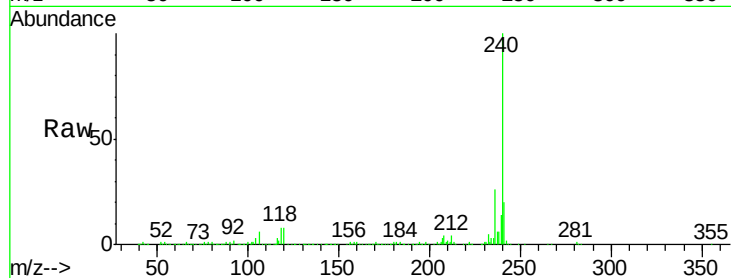
Tot Ion:240 Resp: 557796

Ion Ratio Lower Upper

240 100

120 7.9 6.8 10.2

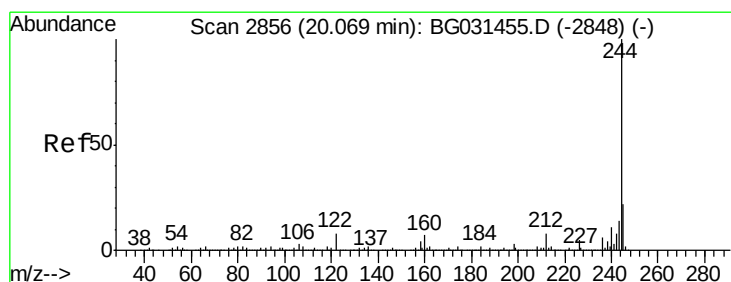
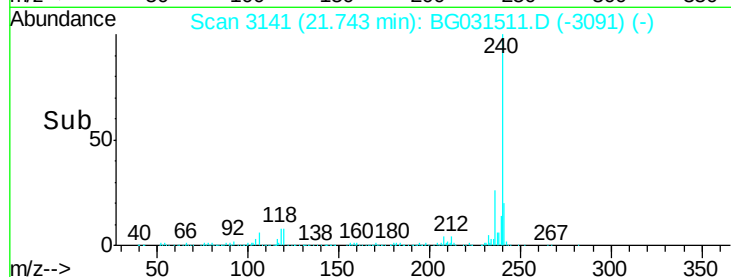
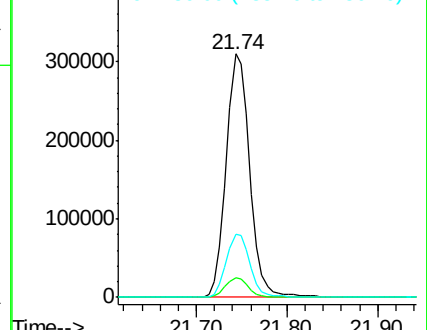
236 25.8 20.9 31.3



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



#78

Terphenyl-d14

Concen: 95.924 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG031511.D

Acq: 13 Dec 2017 3:41

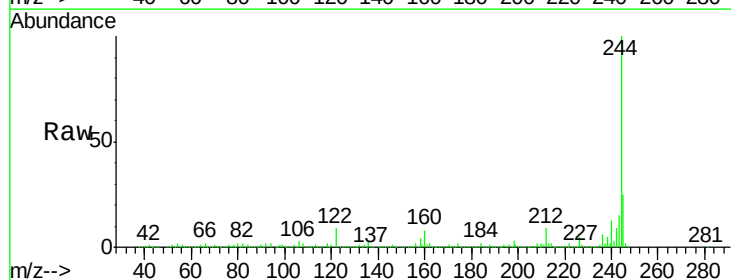
Tgt Ion:244 Resp: 2351752

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

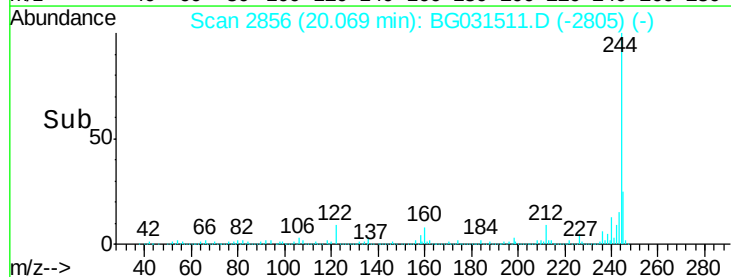
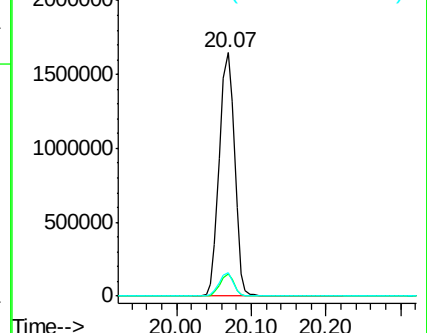
122 9.4 7.0 10.4

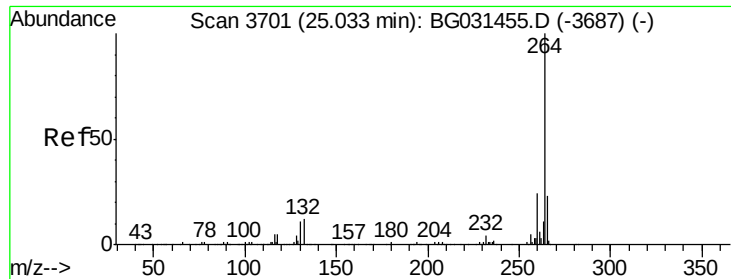


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3700
Delta R.T. -0.01 min
Lab File: BG031511.D
Acq: 13 Dec 2017 3:41

Instrument :
BNA_G
ClientSampleId :
293-311

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	21.6	17.7	26.5

