

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121817\
 Data File : BG031650.D
 Acq On : 19 Dec 2017 1:14
 Operator : SJ/JU
 Sample : I6919-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 19 07:07:12 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

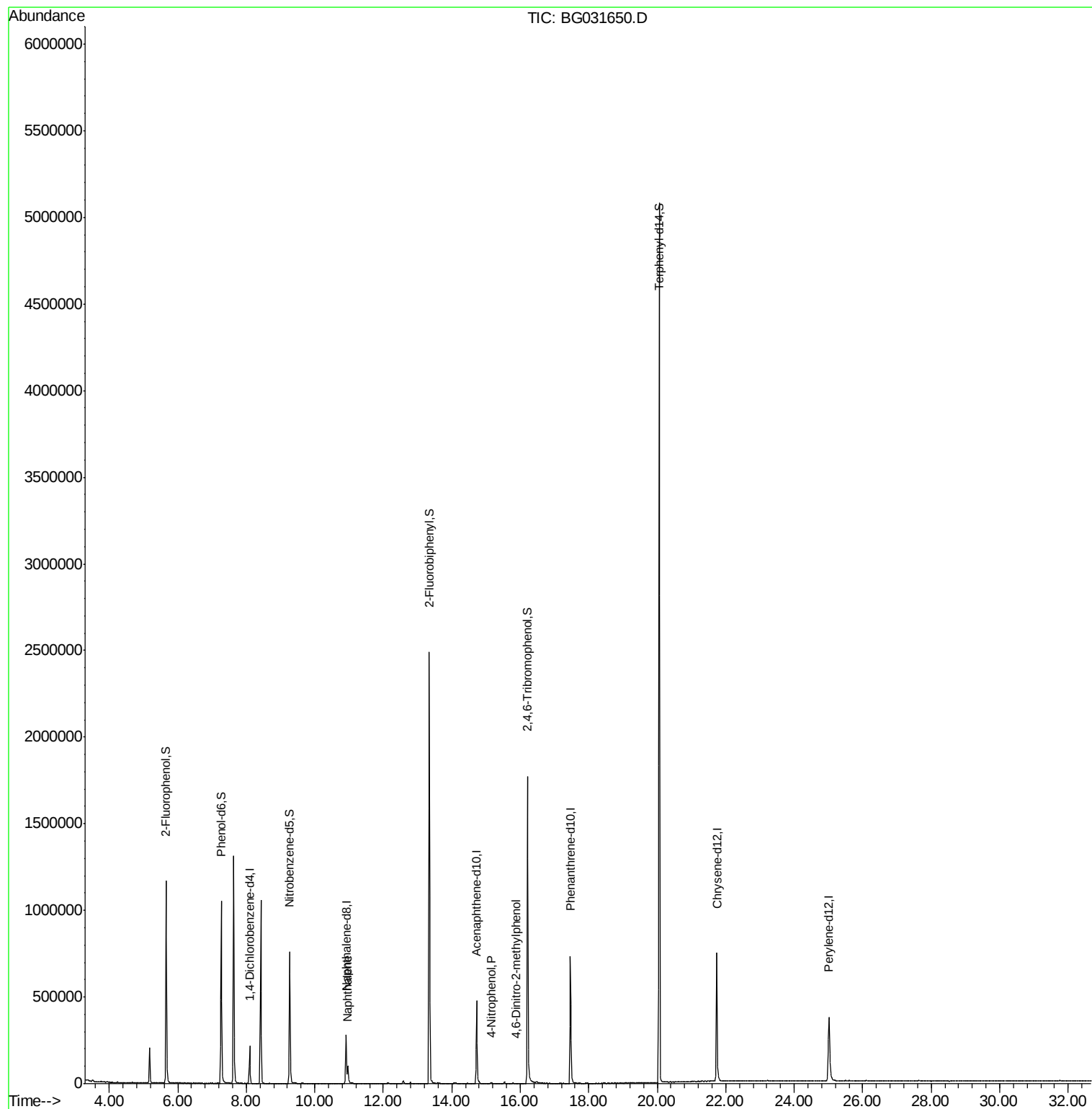
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	70642	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	304255	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	199388	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	528013	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	555565	20.00	ng	-0.01
86) Perylene-d12	25.02	264	485405	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	606367	152.15	ng	0.00
7) Phenol-d6	7.27	99	698514	126.25	ng	0.00
23) Nitrobenzene-d5	9.27	82	504081	102.12	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	417654	178.80	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1457056	107.27	ng	0.00
78) Terphenyl-d14	20.06	244	2564328	105.01	ng	-0.01
Target Compounds						
31) Naphthalene	10.97	128	97880	6.548	ng	97
55) 4-Nitrophenol	15.14	139	1928	4.301	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.89	198	72	4.929	ng	# 29

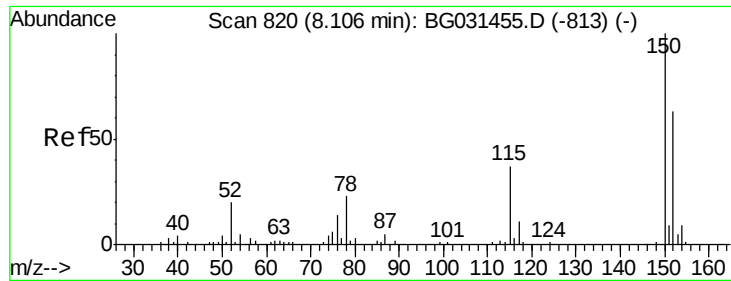
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121817\
Data File : BG031650.D
Acq On : 19 Dec 2017 1:14
Operator : SJ/JU
Sample : I6919-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 19 07:07:12 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



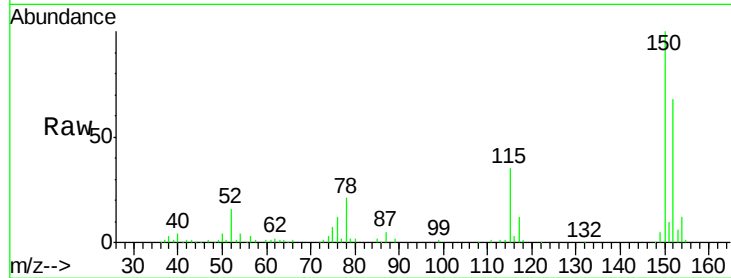


#1

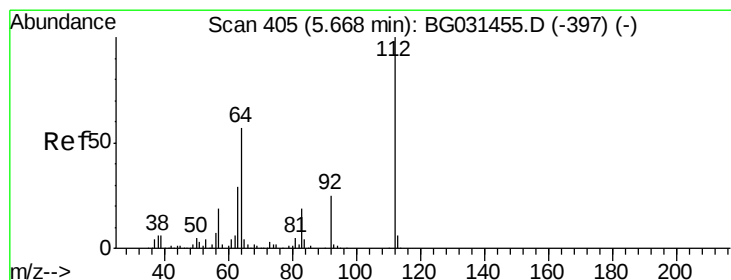
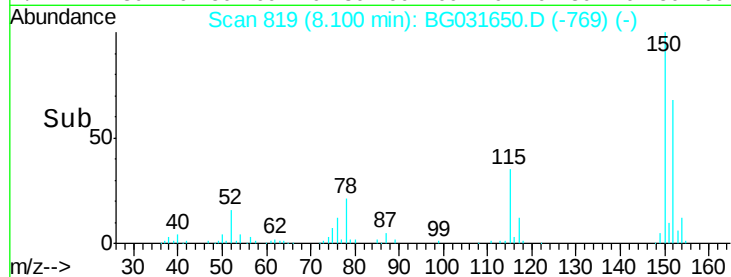
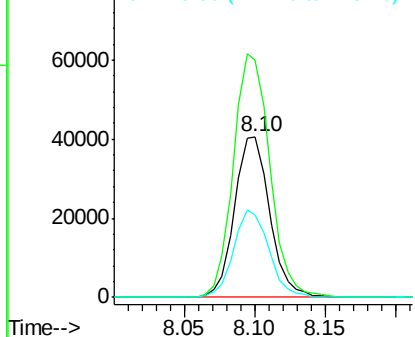
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG031650.D
Acq: 19 Dec 2017 1:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 70642
Ion Ratio Lower Upper
152 100
150 147.9 126.6 189.8
115 51.5 53.0 79.4#



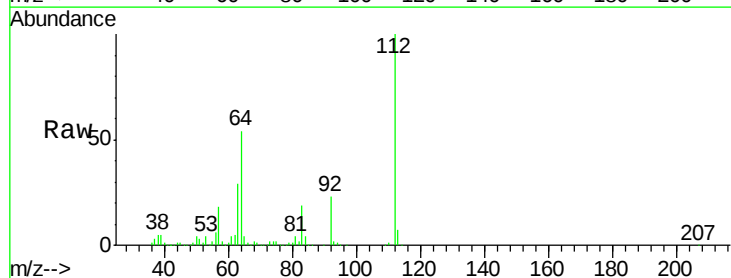
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



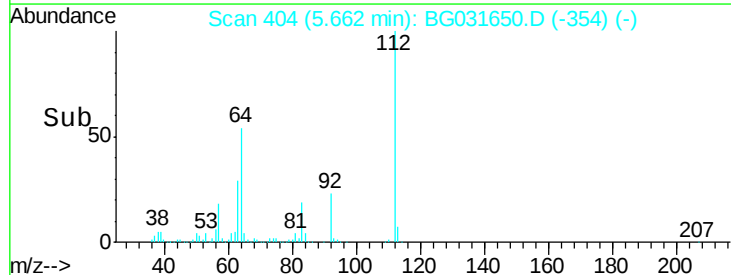
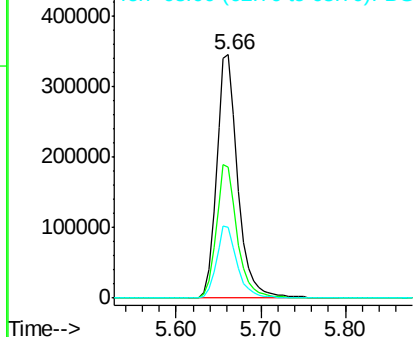
#5

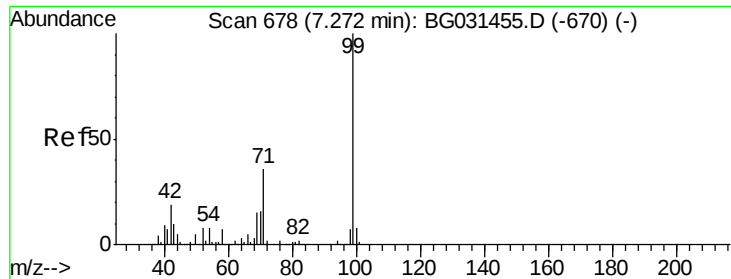
2-Fluorophenol
Concen: 152.147 ng
RT: 5.66 min Scan# 404
Delta R.T. -0.01 min
Lab File: BG031650.D
Acq: 19 Dec 2017 1:14

Tgt Ion:112 Resp: 606367
Ion Ratio Lower Upper
112 100
64 53.6 56.3 84.5#
63 29.2 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: 126.253 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG031650.D

Acq: 19 Dec 2017 1:14

Instrument :

BNA_G

ClientSampleId :

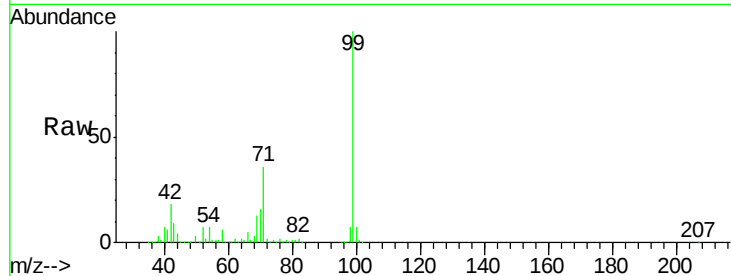
Tot Ion: 99 Resp: 698514

Ion Ratio Lower Upper

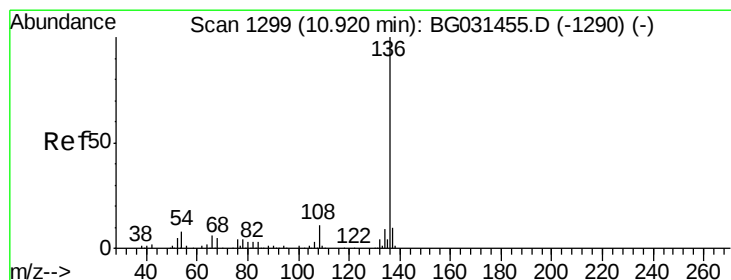
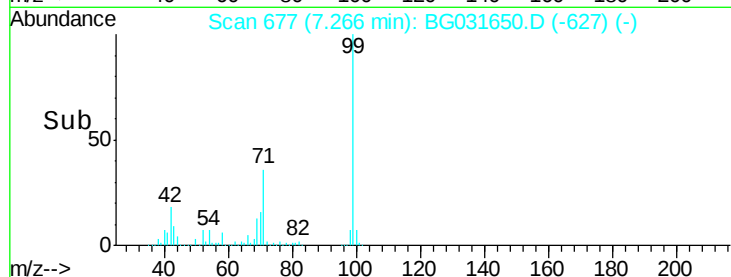
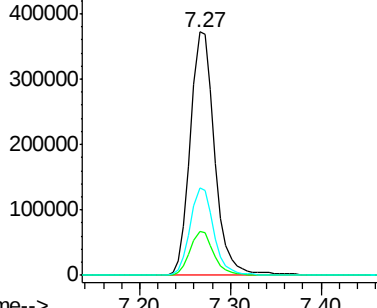
99 100

42 18.1 14.1 21.1

71 35.7 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: 10.91 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG031650.D

Acq: 19 Dec 2017 1:14

Tgt Ion: 136 Resp: 304255

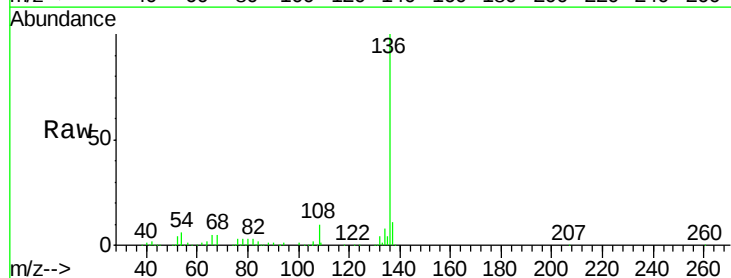
Ion Ratio Lower Upper

136 100

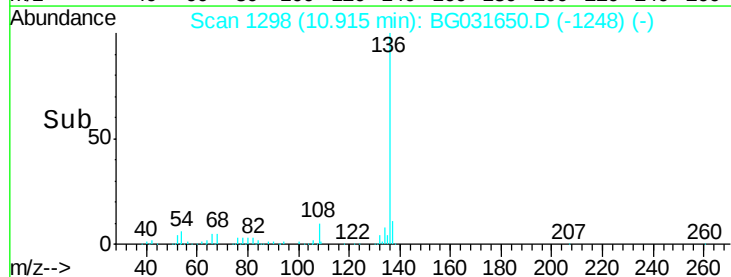
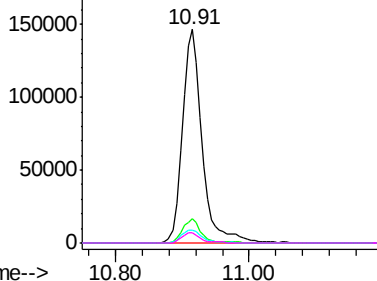
137 11.1 9.2 13.8

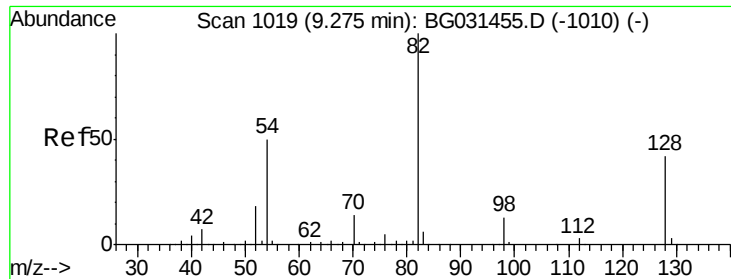
54 6.3 10.3 15.5#

68 4.6 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

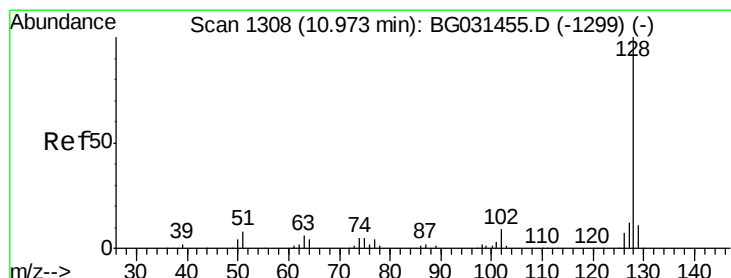
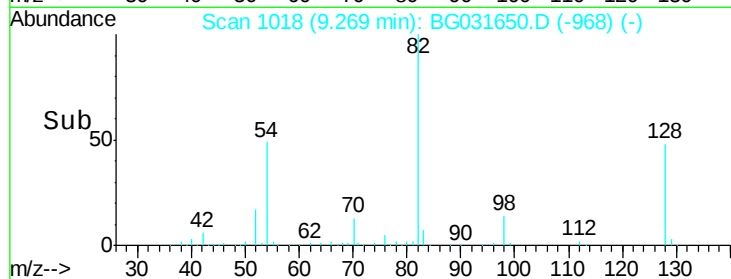
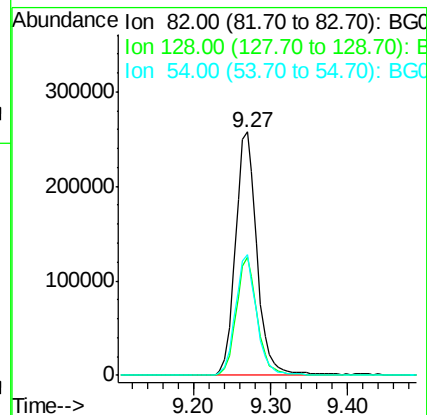
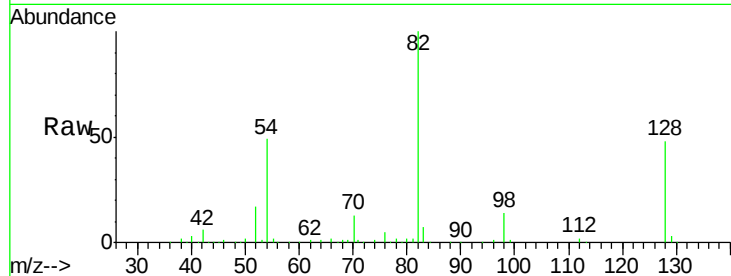




#23
 Nitrobenzene-d5
 Concen: 102.118 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG031650.D
 Acq: 19 Dec 2017 1:14

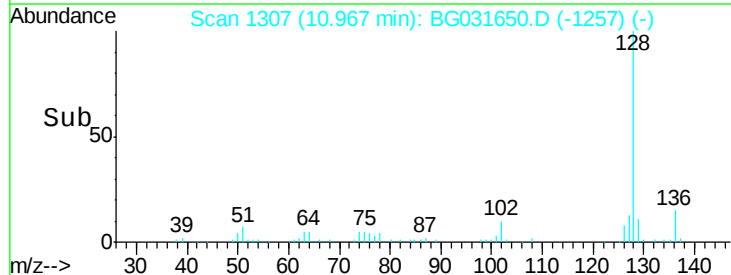
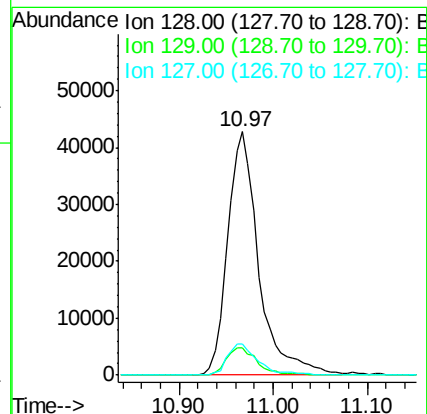
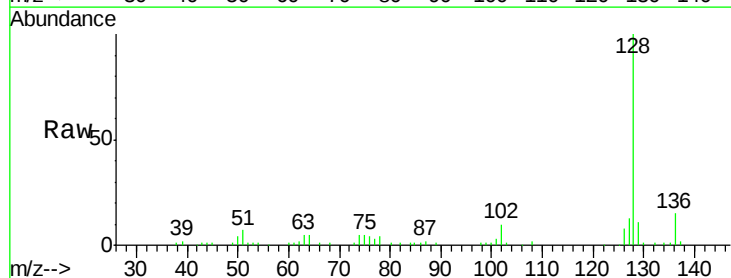
Instrument :
 BNA_G
 ClientSampleId :

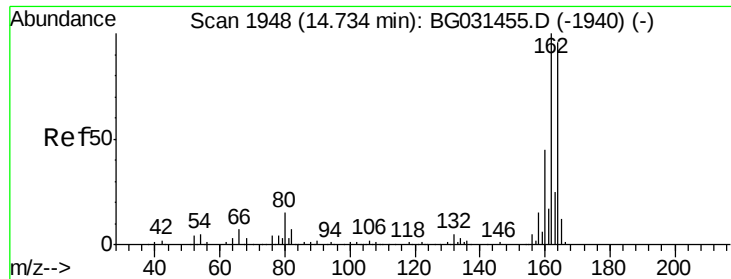
Tot Ion: 82 Resp: 504081
 Ion Ratio Lower Upper
 82 100
 128 48.3 29.7 44.5#
 54 49.3 43.1 64.7



#31
 Naphthalene
 Concen: 6.548 ng
 RT: 10.97 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BG031650.D
 Acq: 19 Dec 2017 1:14

Tgt Ion: 128 Resp: 97880
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.6 12.8
 127 12.8 11.6 17.4

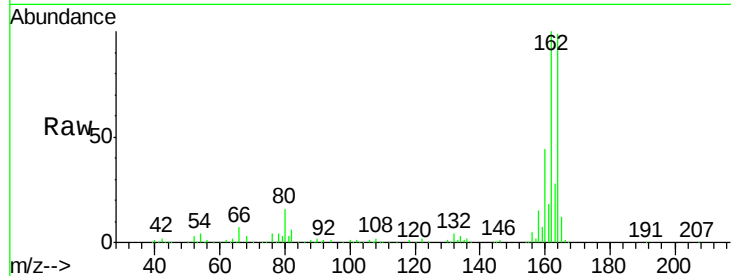




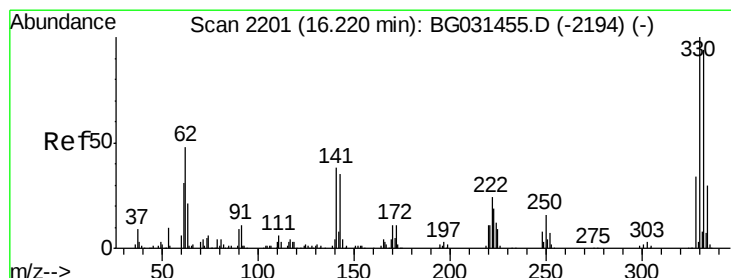
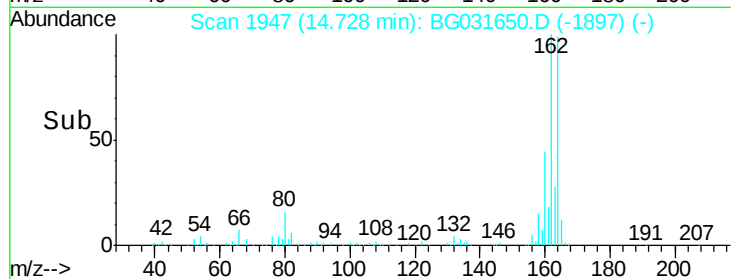
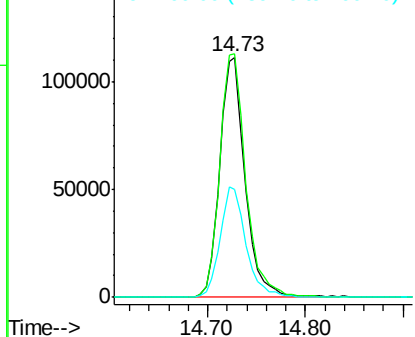
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG031650.D
Acq: 19 Dec 2017 1:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 199388
Ion Ratio Lower Upper
164 100
162 101.5 78.8 118.2
160 44.9 35.4 53.0

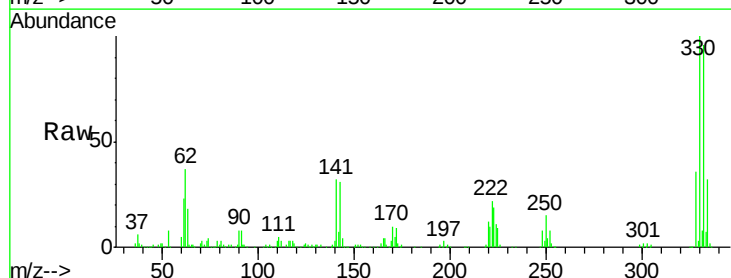


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

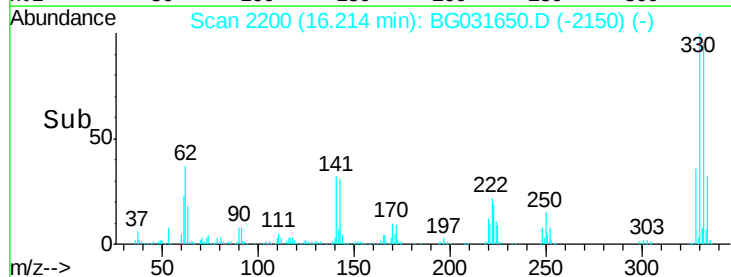
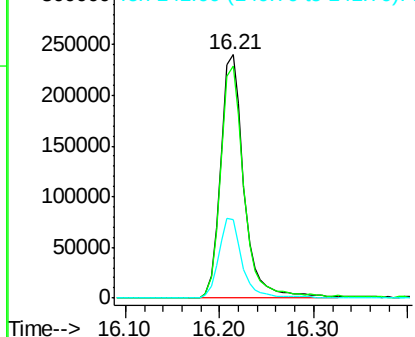


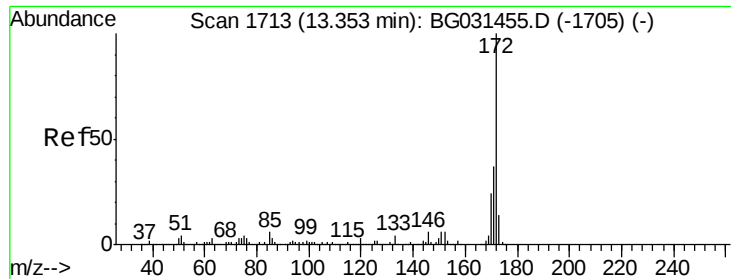
#41
2,4,6-Tribromophenol
Concen: 178.797 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG031650.D
Acq: 19 Dec 2017 1:14

Tgt Ion:330 Resp: 417654
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.6
141 33.1 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

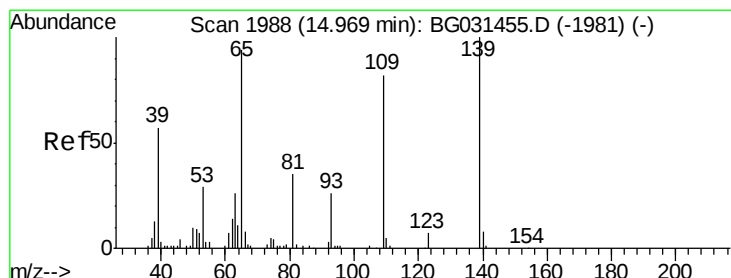
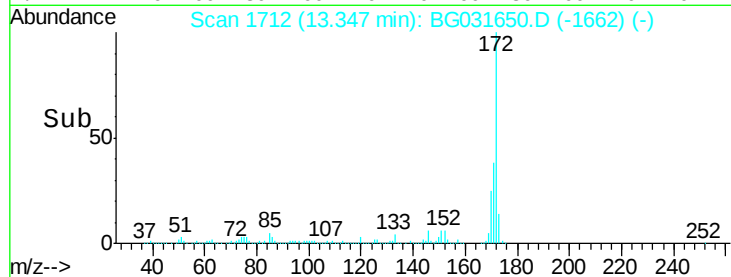
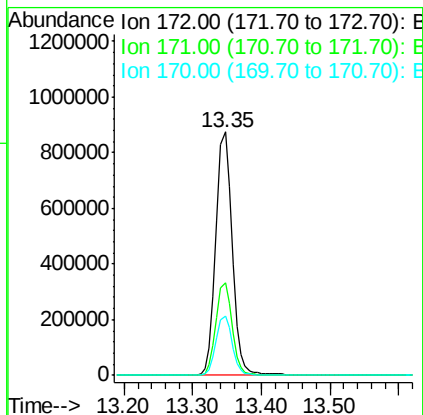
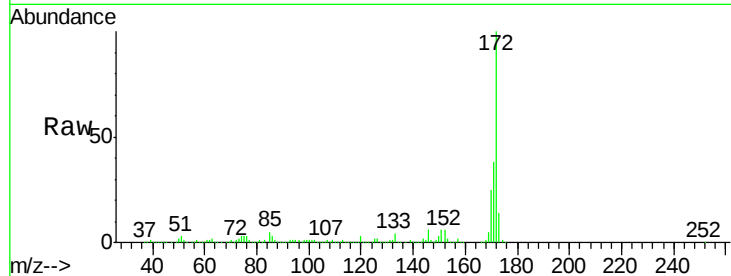




#44
 2-Fluorobiphenyl
 Concen: 107.267 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG031650.D
 Acq: 19 Dec 2017 1:14

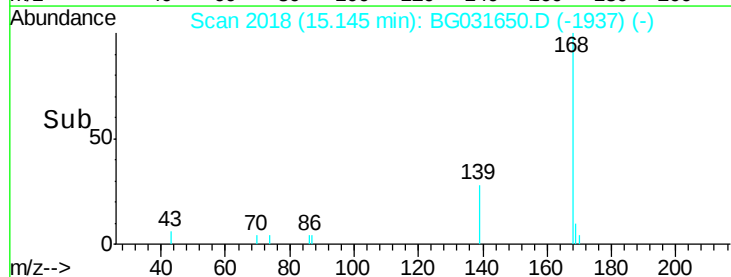
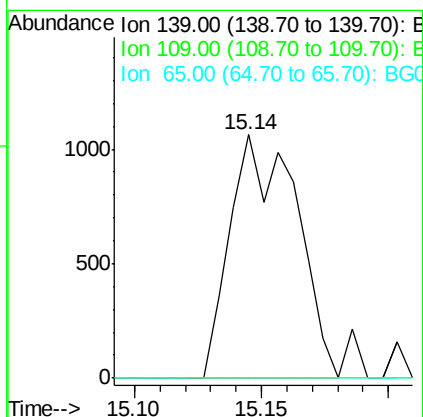
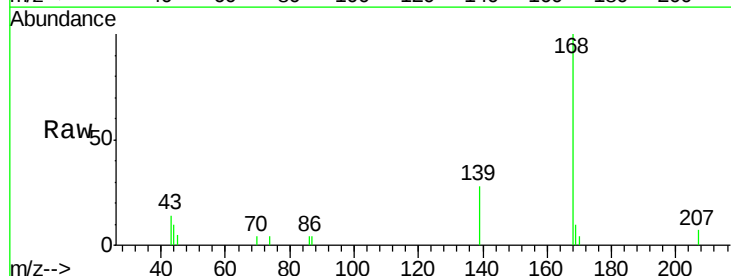
Instrument :
 BNA_G
 ClientSampleId :

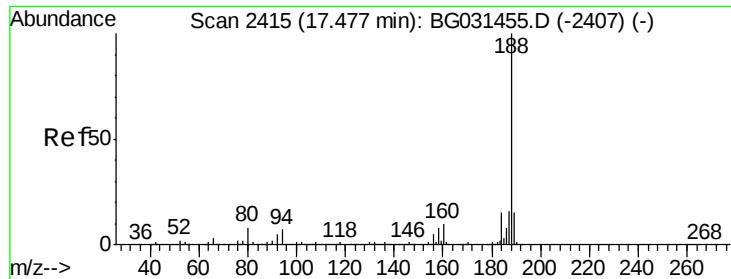
Tot Ion:172 Resp: 1457056
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.0 45.0
 170 24.6 19.5 29.3



#55
 4-Nitrophenol
 Concen: 4.301 ng
 RT: 15.14 min Scan# 2018
 Delta R.T. 0.18 min
 Lab File: BG031650.D
 Acq: 19 Dec 2017 1:14

Tgt Ion:139 Resp: 1928
 Ion Ratio Lower Upper
 139 100
 109 0.0 62.2 102.2#
 65 0.0 97.2 137.2#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG031650.D

Acq: 19 Dec 2017 1:14

Instrument :

BNA_G

ClientSampleId :

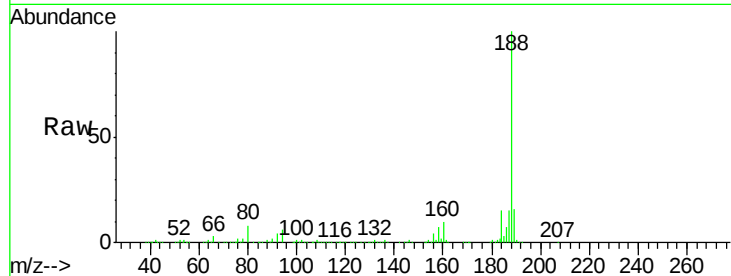
Tot Ion:188 Resp: 528013

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

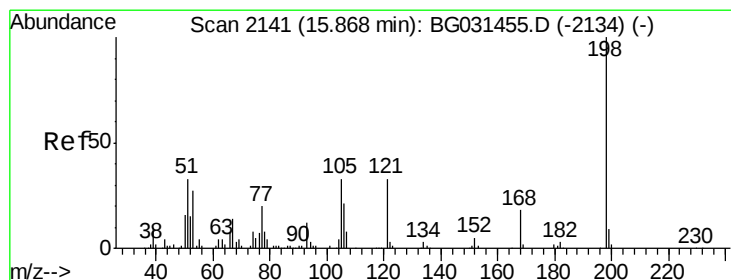
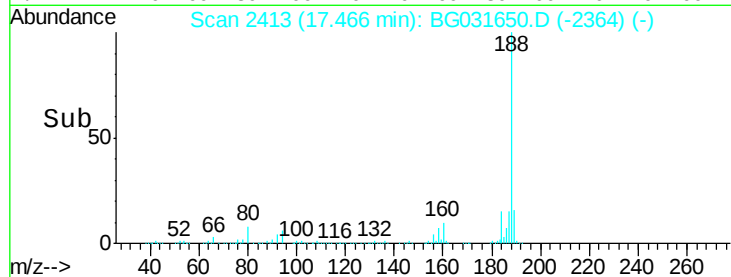
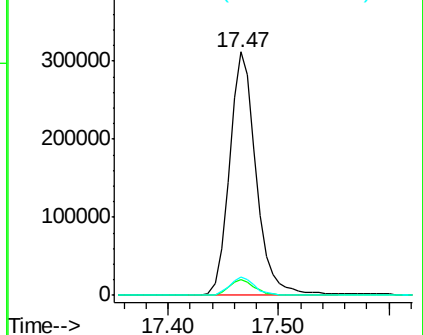
80 7.6 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#64

4,6-Dinitro-2-methylphenol

Concen: 4.929 ng

RT: 15.89 min Scan# 2144

Delta R.T. 0.02 min

Lab File: BG031650.D

Acq: 19 Dec 2017 1:14

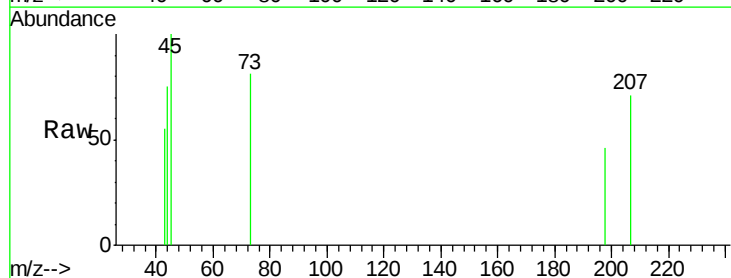
Tgt Ion:198 Resp: 72

Ion Ratio Lower Upper

198 100

51 0.0 30.6 70.6#

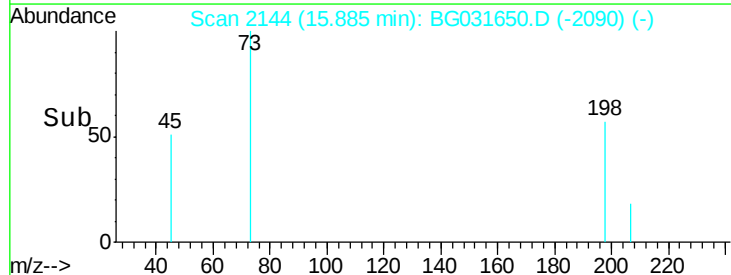
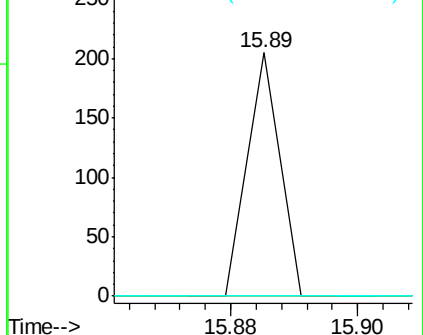
105 0.0 23.8 63.8#

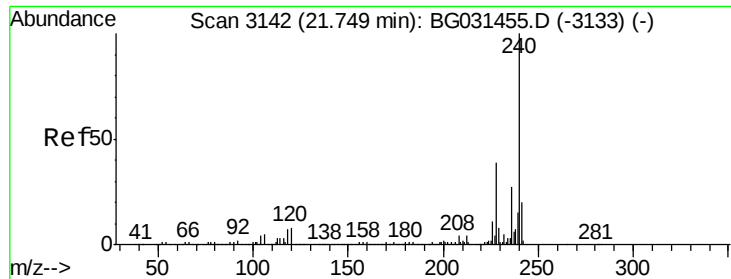


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG031650.D

Acq: 19 Dec 2017 1:14

Instrument :

BNA_G

ClientSampleId :

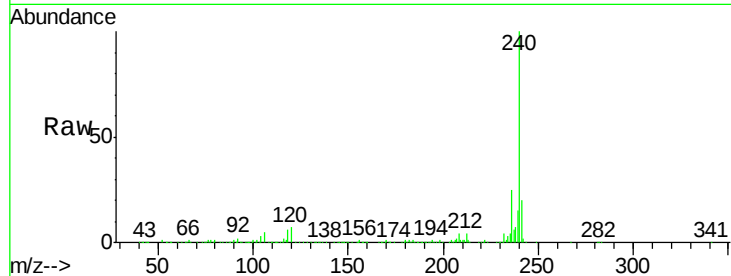
Tot Ion:240 Resp: 555565

Ion Ratio Lower Upper

240 100

120 7.4 6.8 10.2

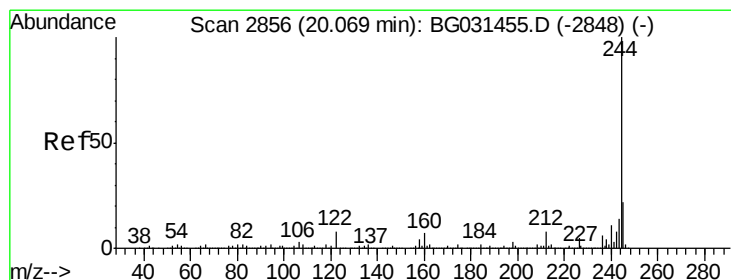
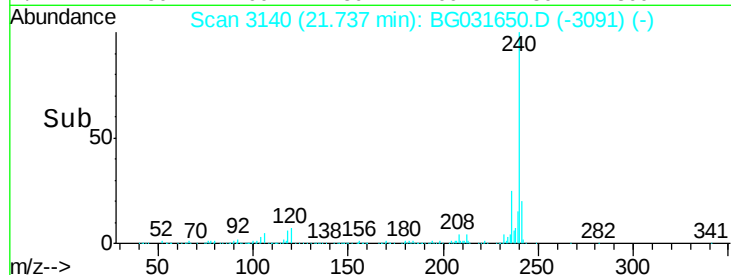
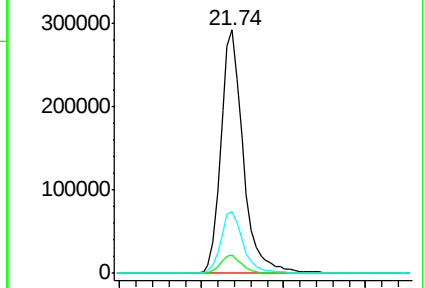
236 25.3 20.9 31.3



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: 105.015 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG031650.D

Acq: 19 Dec 2017 1:14

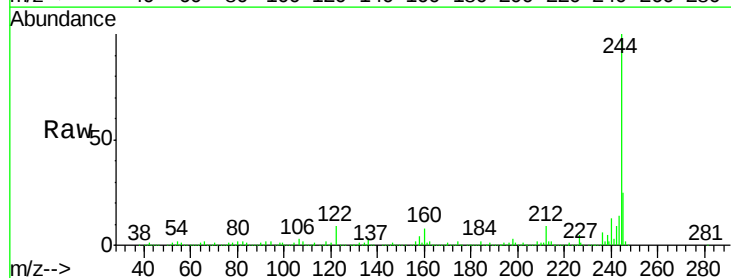
Tgt Ion:244 Resp: 2564328

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

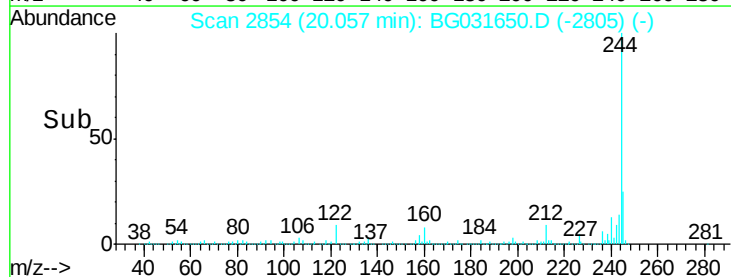
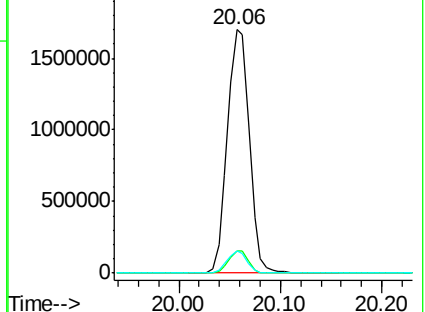
122 9.1 7.0 10.4

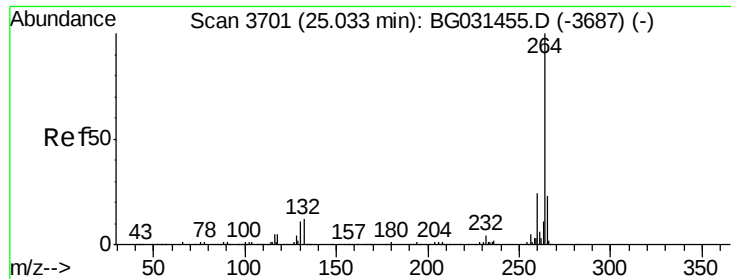


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

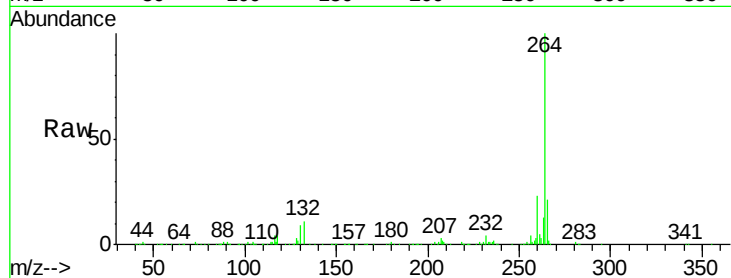




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.02 min Scan# 3698
 Delta R.T. -0.02 min
 Lab File: BG031650.D
 Acq: 19 Dec 2017 1:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	20.7	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

