

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121317\
 Data File : BG031542.D
 Acq On : 14 Dec 2017 00:07
 Operator : SJ/JU
 Sample : I6676-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 14 03:42:02 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

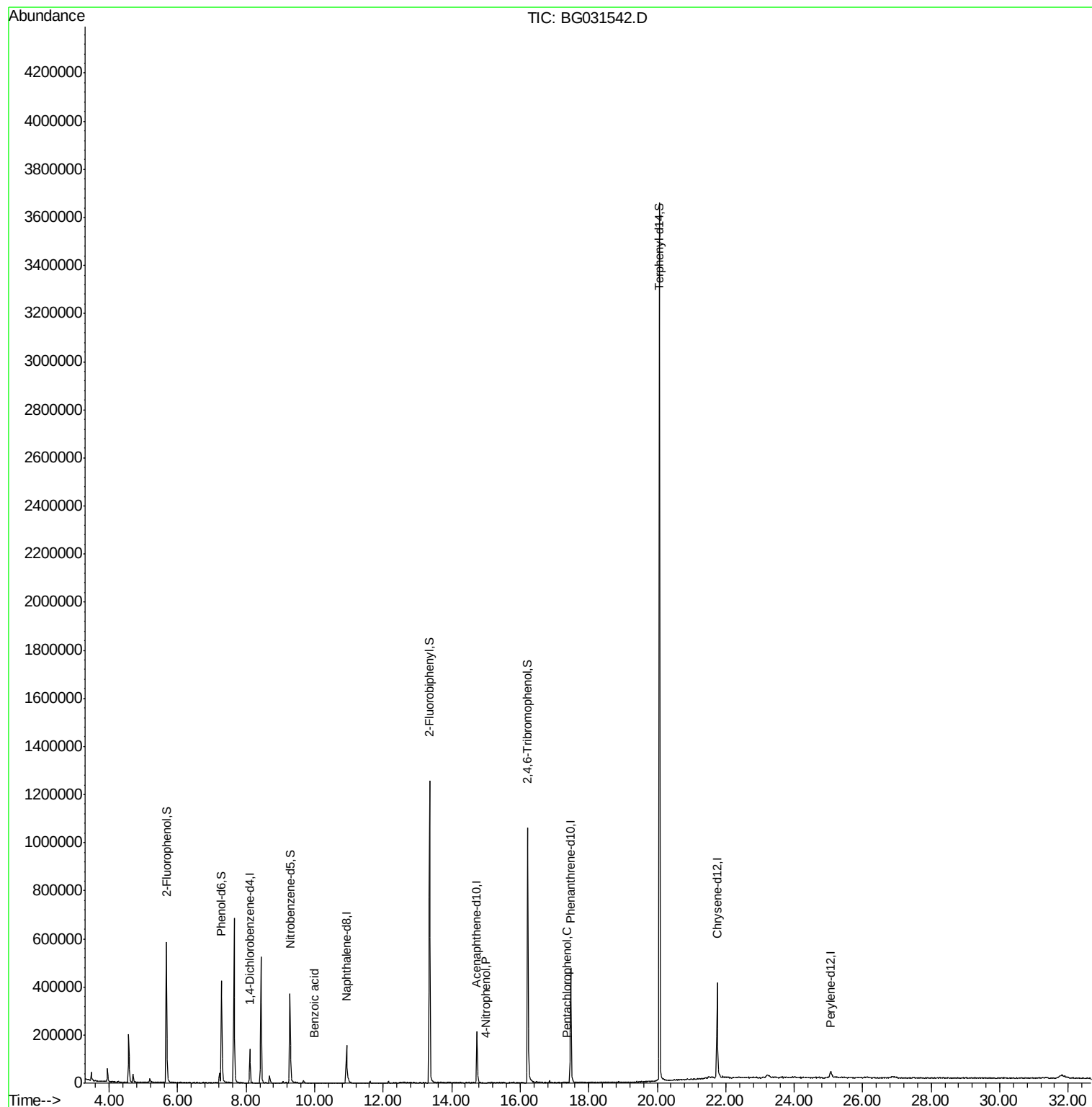
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	43808	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	186328	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	78739	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	357056	20.00	ng	0.00
75) Chrysene-d12	21.75	240	267748	20.00	ng	0.00
86) Perylene-d12	25.05	264	22341	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	305283	123.52	ng	0.00
7) Phenol-d6	7.28	99	273914	79.83	ng	0.00
23) Nitrobenzene-d5	9.28	82	268152	88.70	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	240050	260.23	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	754975	140.74	ng	0.00
78) Terphenyl-d14	20.06	244	1773103	150.67	ng	0.00
Target Compounds						
32) Benzoic acid	9.99	122	59	7.000	ng	# 1
55) 4-Nitrophenol	15.00	139	61	3.603	ng	# 1
69) Pentachlorophenol	17.36	266	56	5.687	ng	# 19

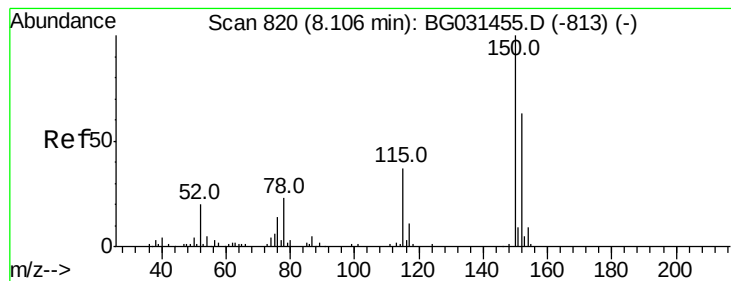
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121317\
Data File : BG031542.D
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Sample : I6676-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

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BNA_G
ClientSampleId :

Quant Time: Dec 14 03:42:02 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
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Response via : Initial Calibration



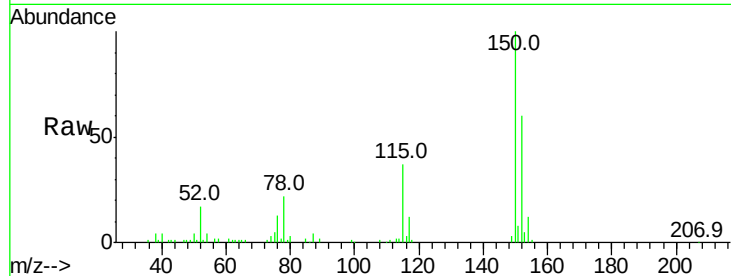


#1

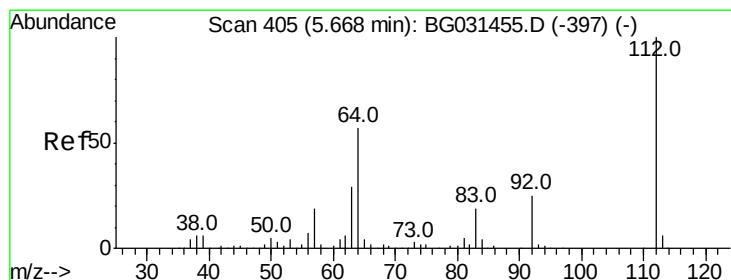
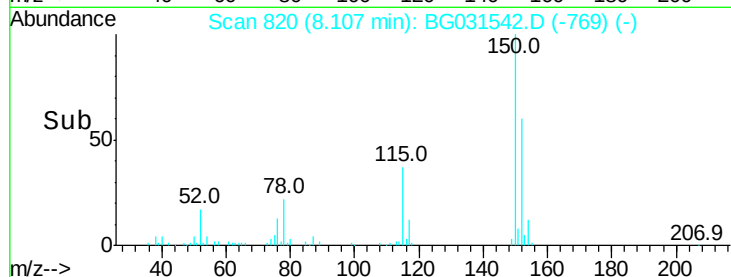
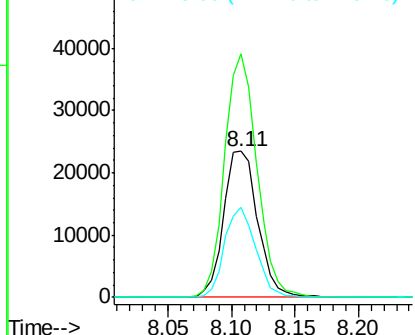
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG031542.D
Acq: 14 Dec 2017 00:07

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 43808
Ion Ratio Lower Upper
152 100
150 166.7 126.6 189.8
115 61.5 53.0 79.4



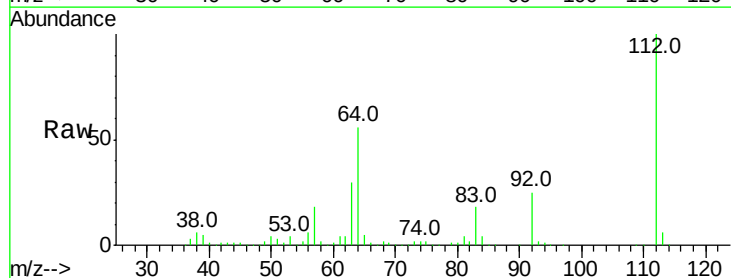
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



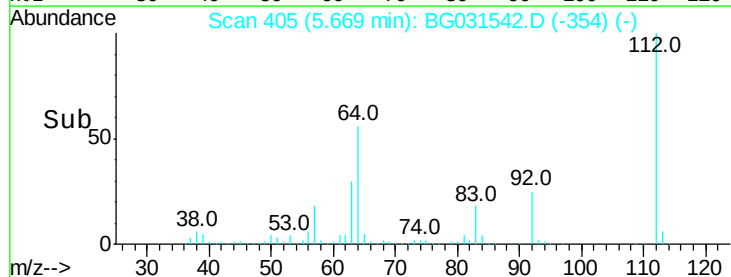
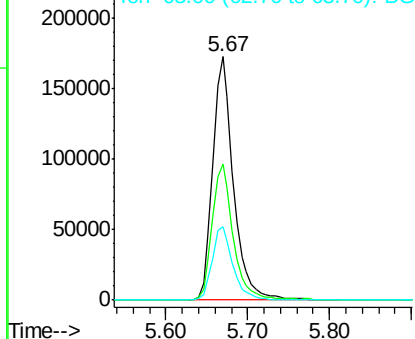
#5

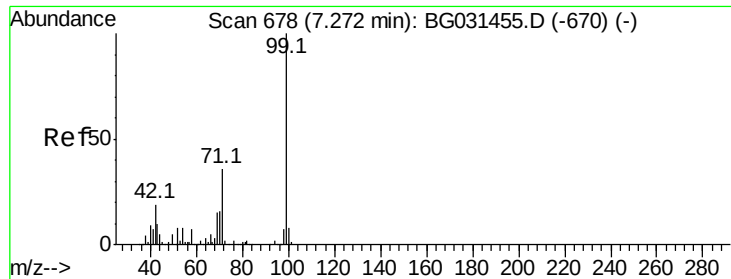
2-Fluorophenol
Concen: 123.521 ng
RT: 5.67 min Scan# 405
Delta R.T. 0.00 min
Lab File: BG031542.D
Acq: 14 Dec 2017 00:07

Tgt Ion:112 Resp: 305283
Ion Ratio Lower Upper
112 100
64 55.9 56.3 84.5#
63 30.0 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: 79.834 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031542.D

Acq: 14 Dec 2017 00:07

Instrument :

BNA_G

ClientSampleId :

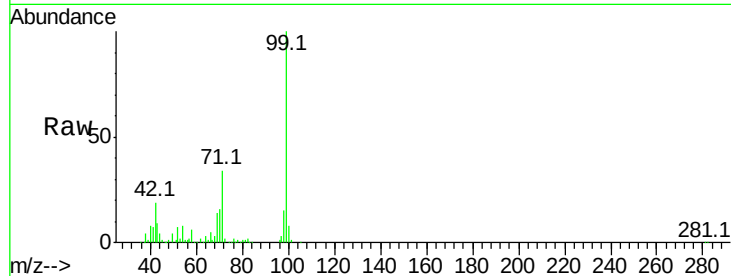
Tot Ion: 99 Resp: 273914

Ion Ratio Lower Upper

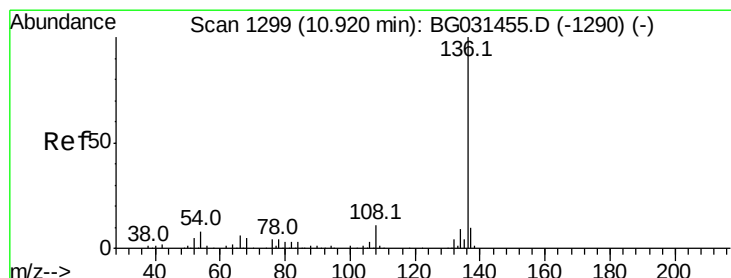
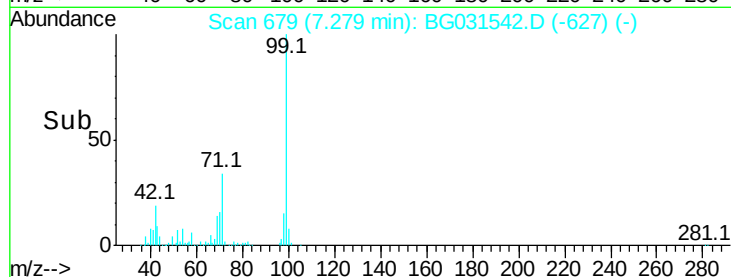
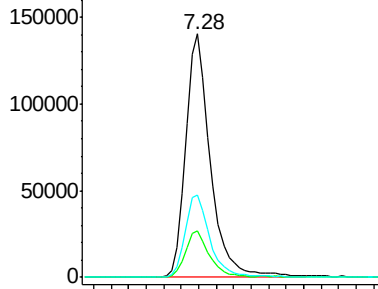
99 100

42 19.1 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: 10.92 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BG031542.D

Acq: 14 Dec 2017 00:07

Tgt Ion: 136 Resp: 186328

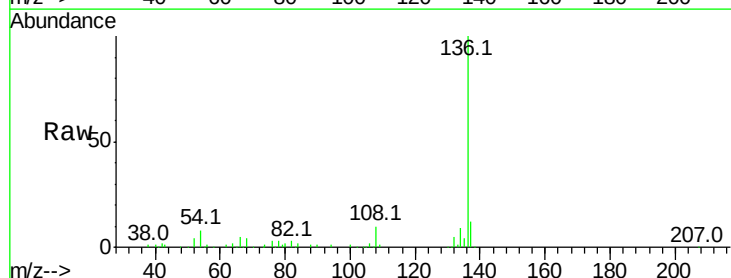
Ion Ratio Lower Upper

136 100

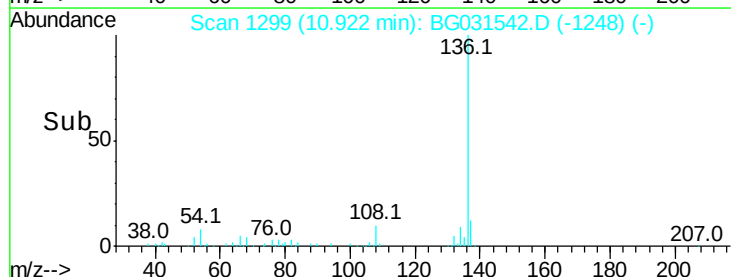
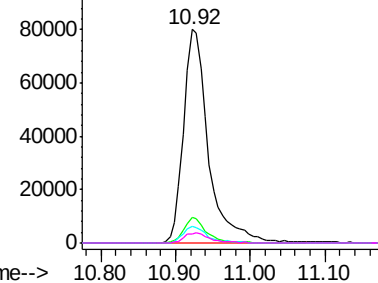
137 12.0 9.2 13.8

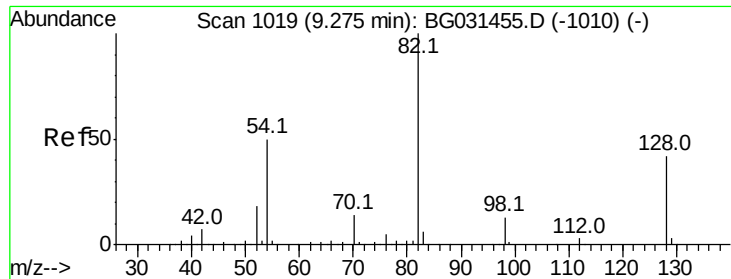
54 7.7 10.3 15.5#

68 4.2 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

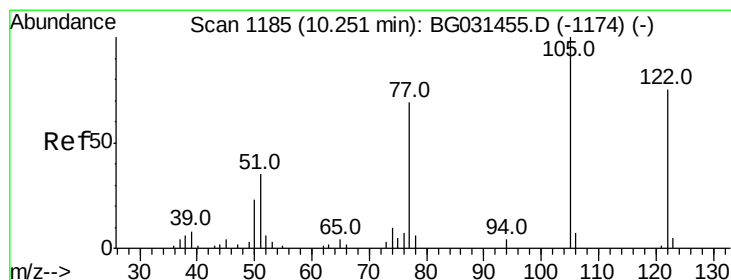
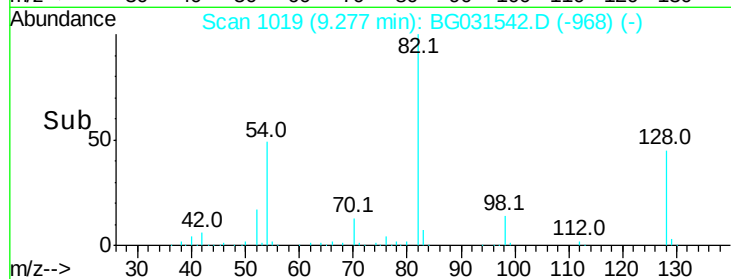
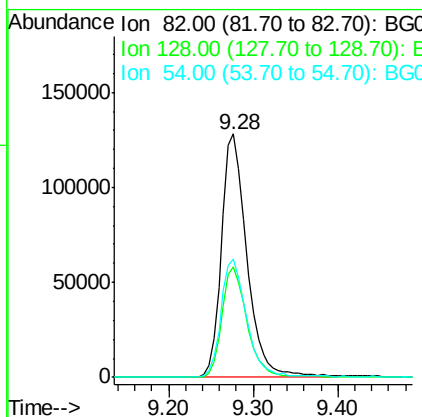
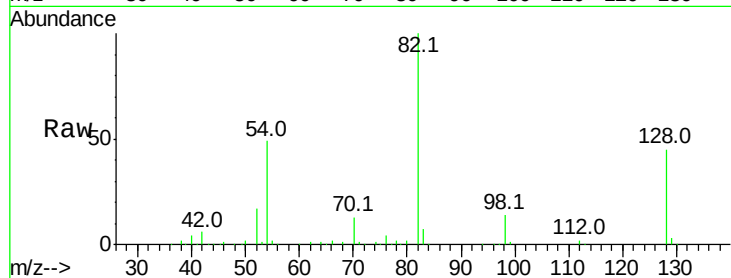




#23
 Nitrobenzene-d5
 Concen: 88.704 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BG031542.D
 Acq: 14 Dec 2017 00:07

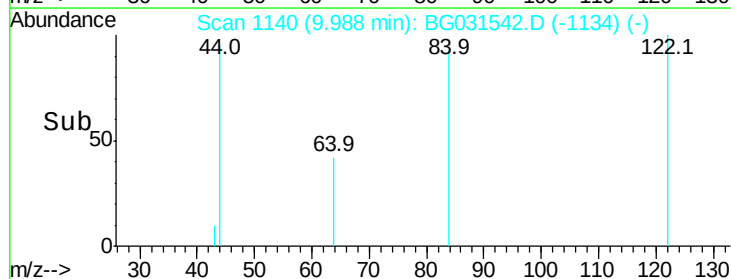
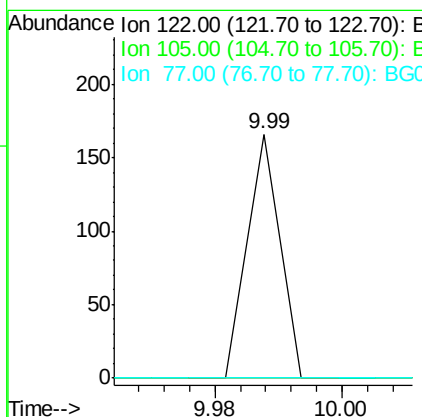
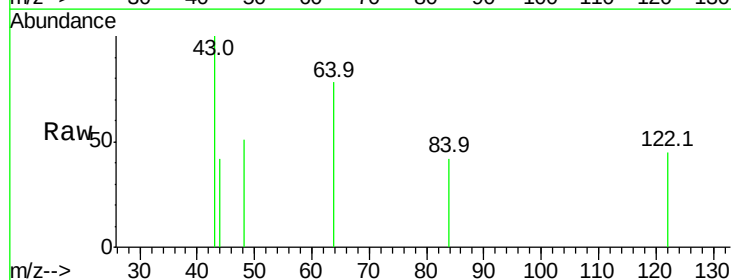
Instrument :
 BNA_G
 ClientSampleId :

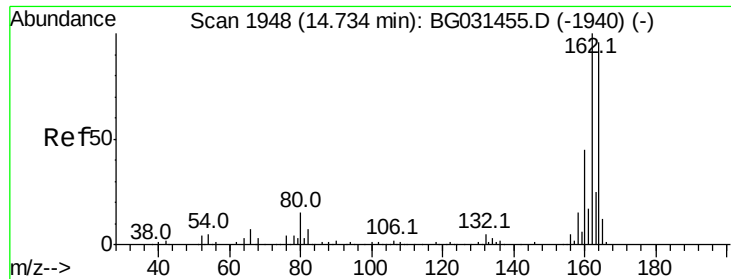
Tot Ion	82	Resp	268152
Ion	Ratio	Lower	Upper
82	100		
128	45.3	29.7	44.5#
54	48.6	43.1	64.7



#32
 Benzoic acid
 Concen: 7.000 ng
 RT: 9.99 min Scan# 1140
 Delta R.T. -0.26 min
 Lab File: BG031542.D
 Acq: 14 Dec 2017 00:07

Tgt Ion	122	Resp	59
Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#

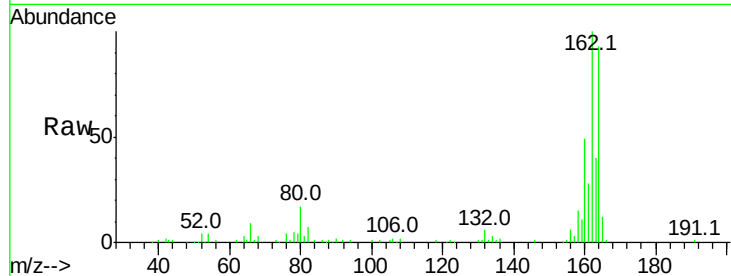




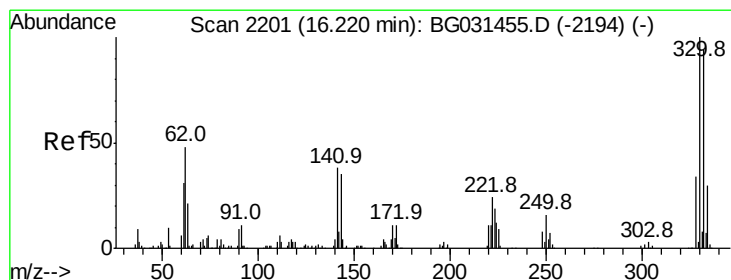
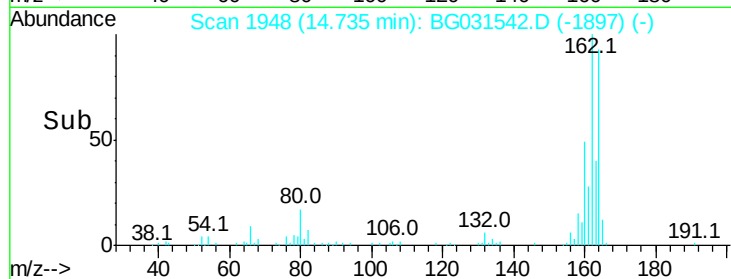
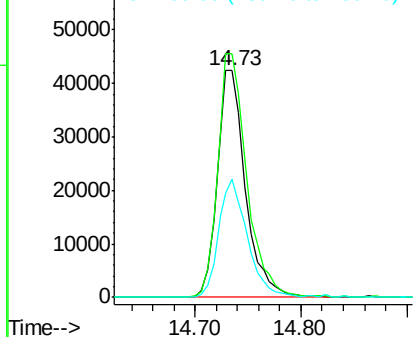
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. 0.00 min
 Lab File: BG031542.D
 Acq: 14 Dec 2017 00:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:164 Resp: 78739
 Ion Ratio Lower Upper
 164 100
 162 107.3 78.8 118.2
 160 52.2 35.4 53.0

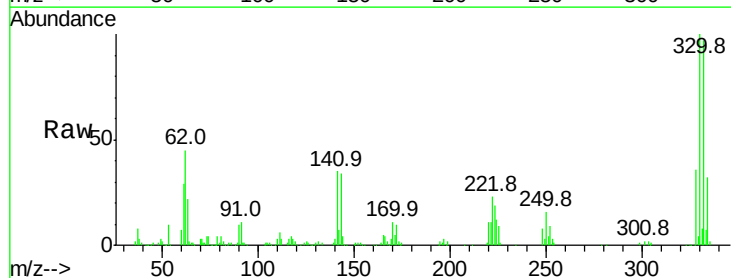


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

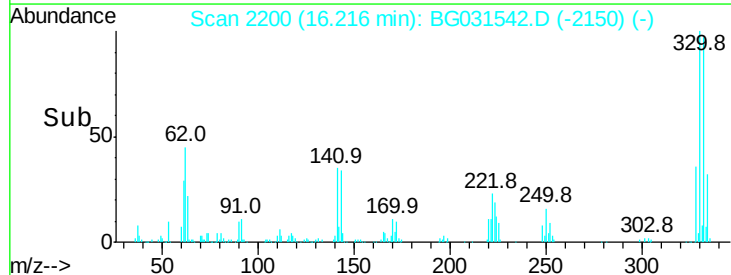
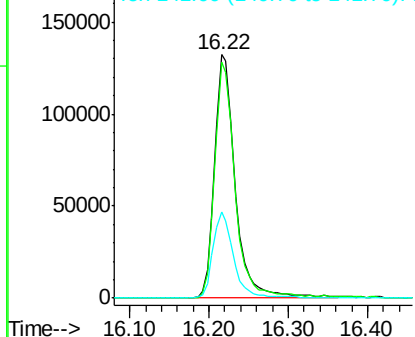


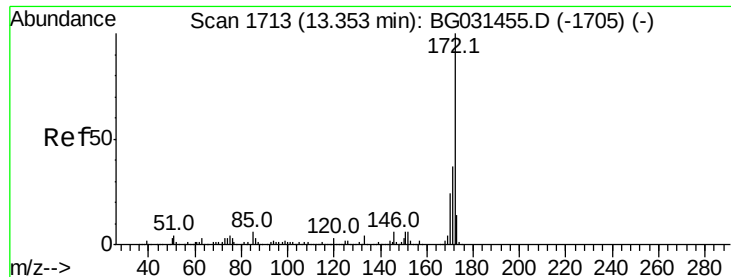
#41
 2,4,6-Tribromophenol
 Concen: 260.228 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG031542.D
 Acq: 14 Dec 2017 00:07

Tgt Ion:330 Resp: 240050
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 35.4 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

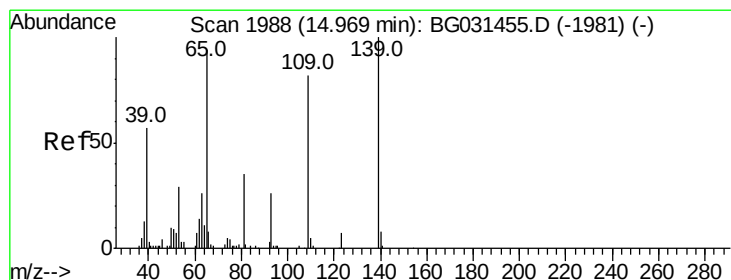
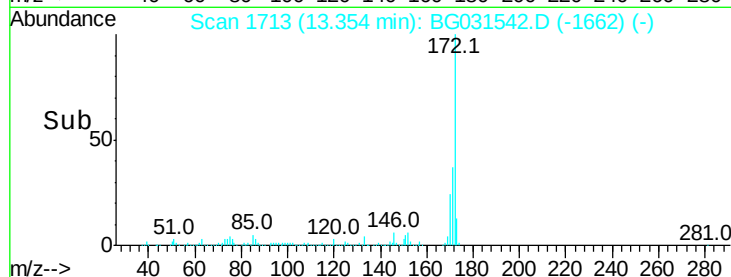
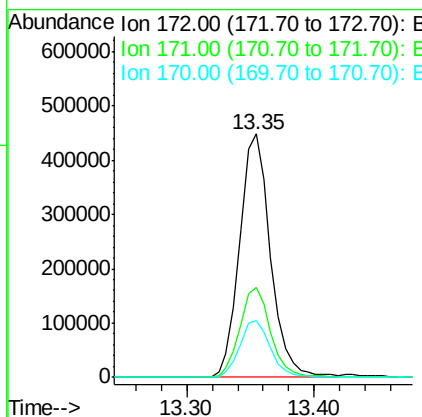
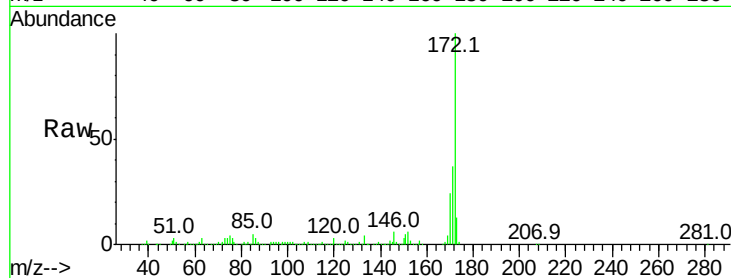




#44
2-Fluorobiphenyl
Concen: 140.744 ng
RT: 13.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: BG031542.D
Acq: 14 Dec 2017 00:07

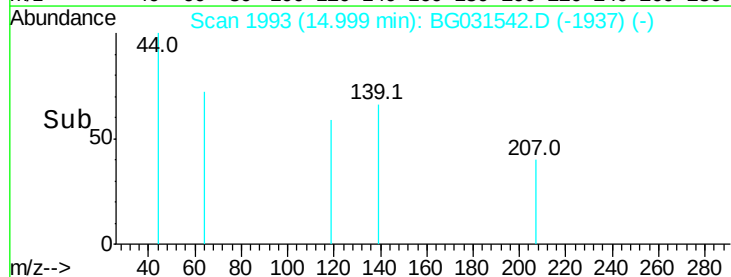
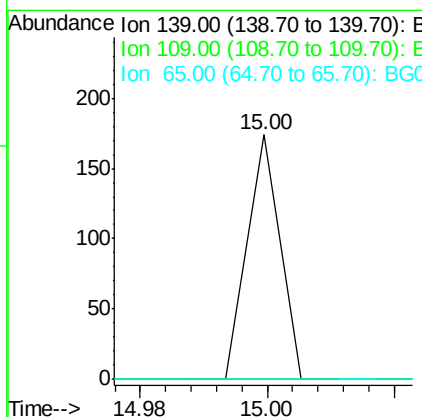
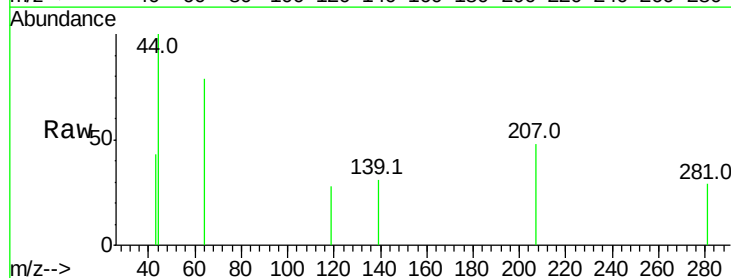
Instrument :
BNA_G
ClientSampleId :

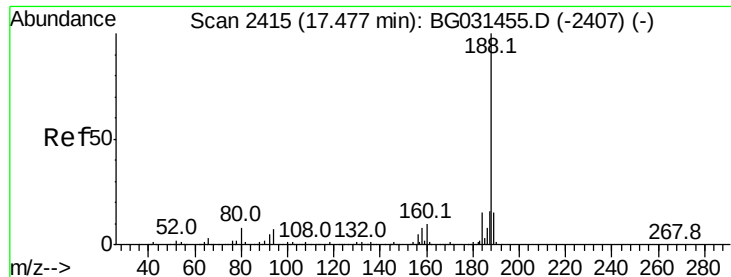
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	23.5	19.5	29.3



#55
4-Nitrophenol
Concen: 3.603 ng
RT: 15.00 min Scan# 1993
Delta R.T. 0.03 min
Lab File: BG031542.D
Acq: 14 Dec 2017 00:07

Tgt 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# 2414

Delta R.T. -0.00 min

Lab File: BG031542.D

Acq: 14 Dec 2017 00:07

Instrument :

BNA_G

ClientSampleId :

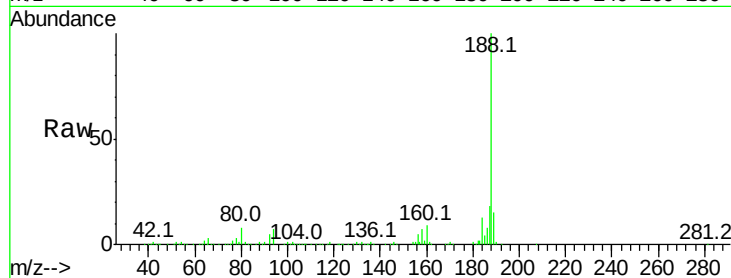
Tot Ion:188 Resp: 357056

Ion Ratio Lower Upper

188 100

94 7.1 6.9 10.3

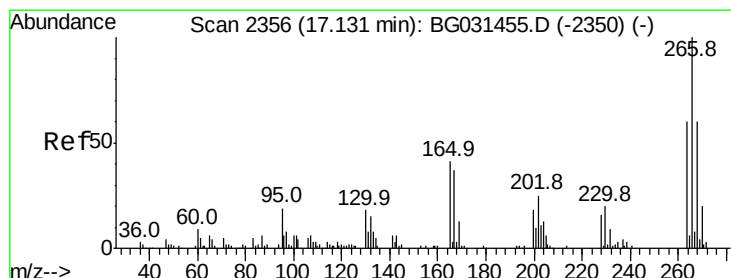
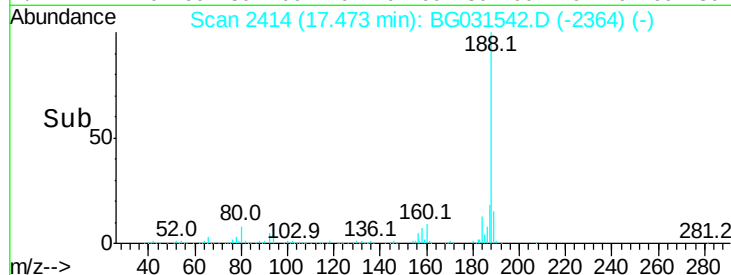
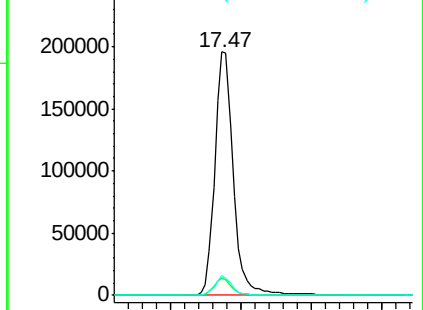
80 8.0 7.7 11.5



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



#69

Pentachlorophenol

Concen: 5.687 ng

RT: 17.36 min Scan# 2395

Delta R.T. 0.23 min

Lab File: BG031542.D

Acq: 14 Dec 2017 00:07

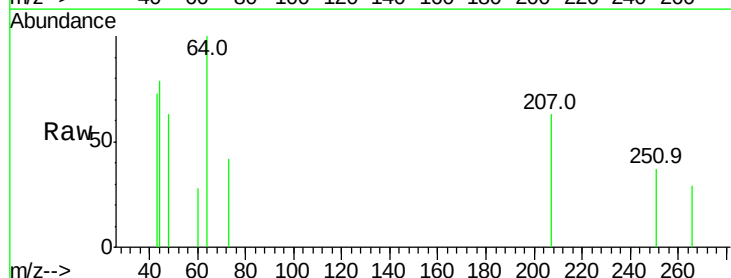
Tgt Ion:266 Resp: 56

Ion Ratio Lower Upper

266 100

268 0.0 51.1 76.7#

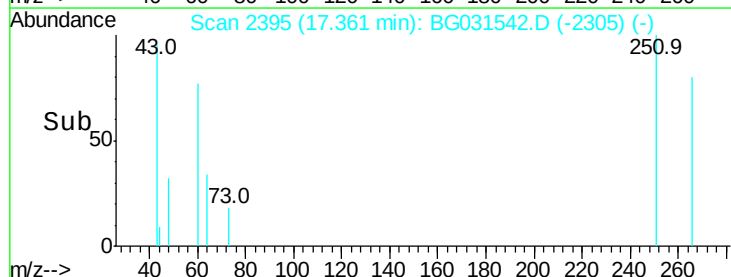
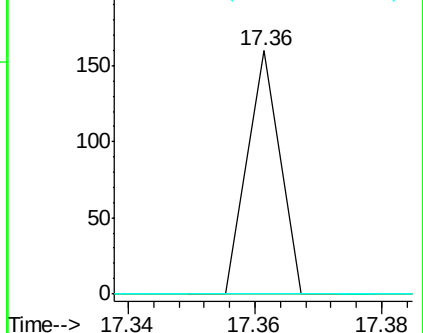
264 0.0 49.6 74.4#

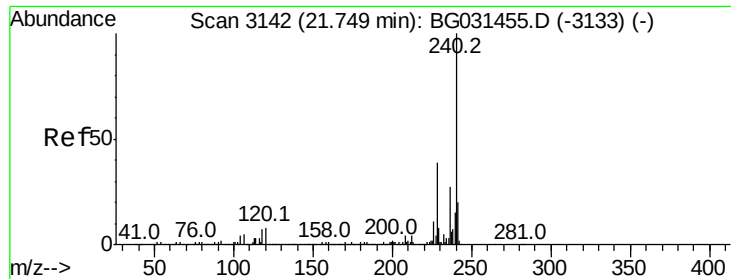


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG031542.D

Acq: 14 Dec 2017 00:07

Instrument :

BNA_G

ClientSampleId :

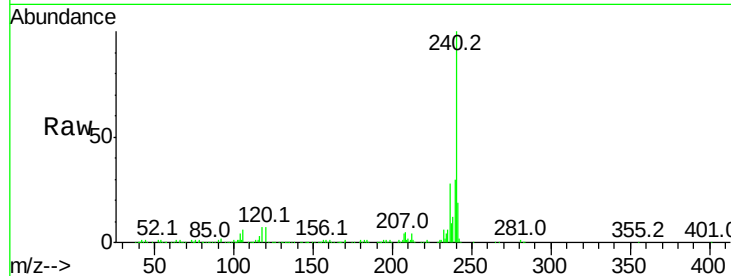
Tot Ion:240 Resp: 267748

Ion Ratio Lower Upper

240 100

120 7.2 6.8 10.2

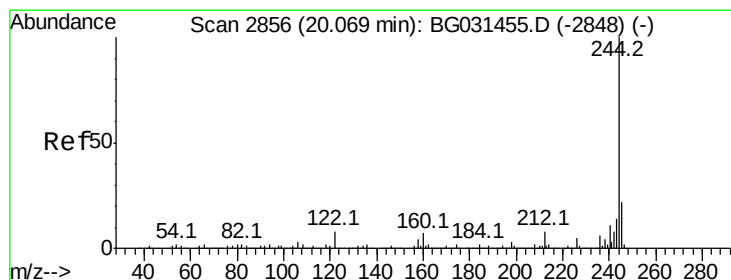
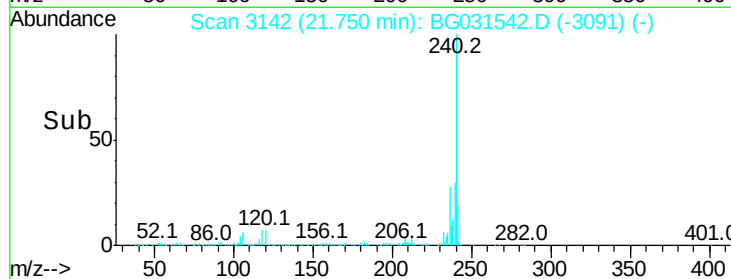
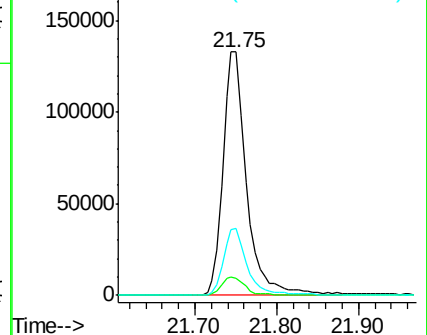
236 27.6 20.9 31.3



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: 150.668 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG031542.D

Acq: 14 Dec 2017 00:07

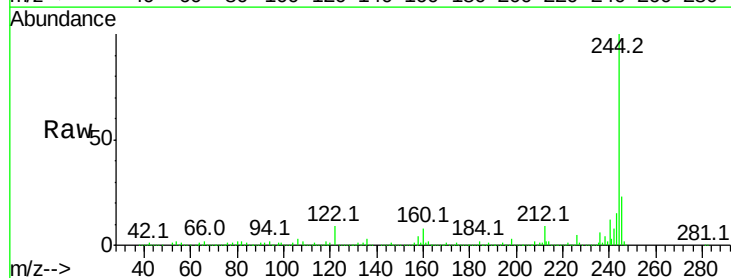
Tgt Ion:244 Resp: 1773103

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

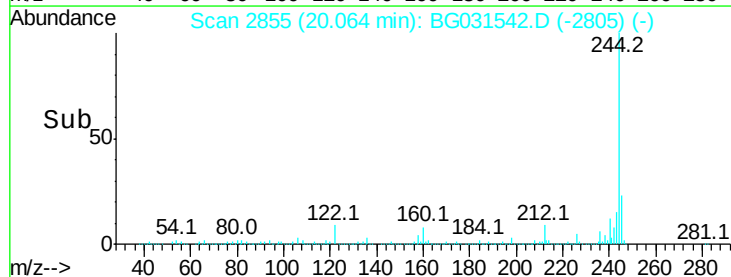
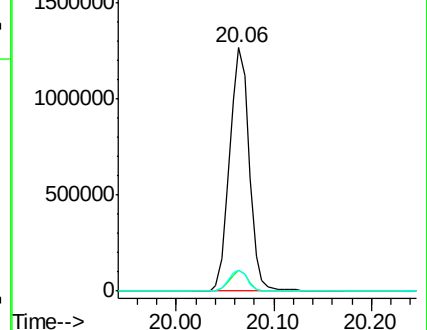
122 8.7 7.0 10.4

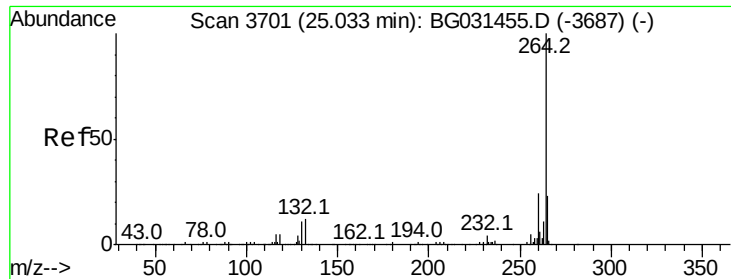


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

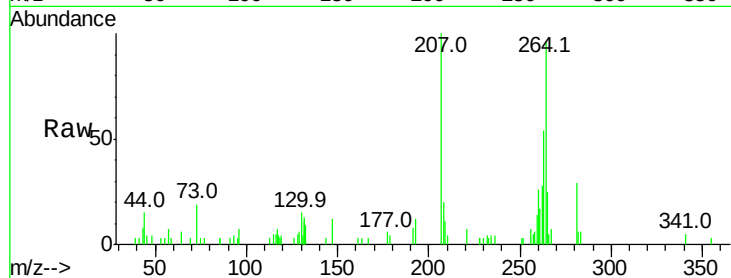




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3704
Delta R.T. 0.02 min
Lab File: BG031542.D
Acq: 14 Dec 2017 00:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.8	17.4	26.0
265	25.5	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

