

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121317\
 Data File : BG031550.D
 Acq On : 14 Dec 2017 5:07
 Operator : SJ/JU
 Sample : I6817-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 14 07:16:47 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

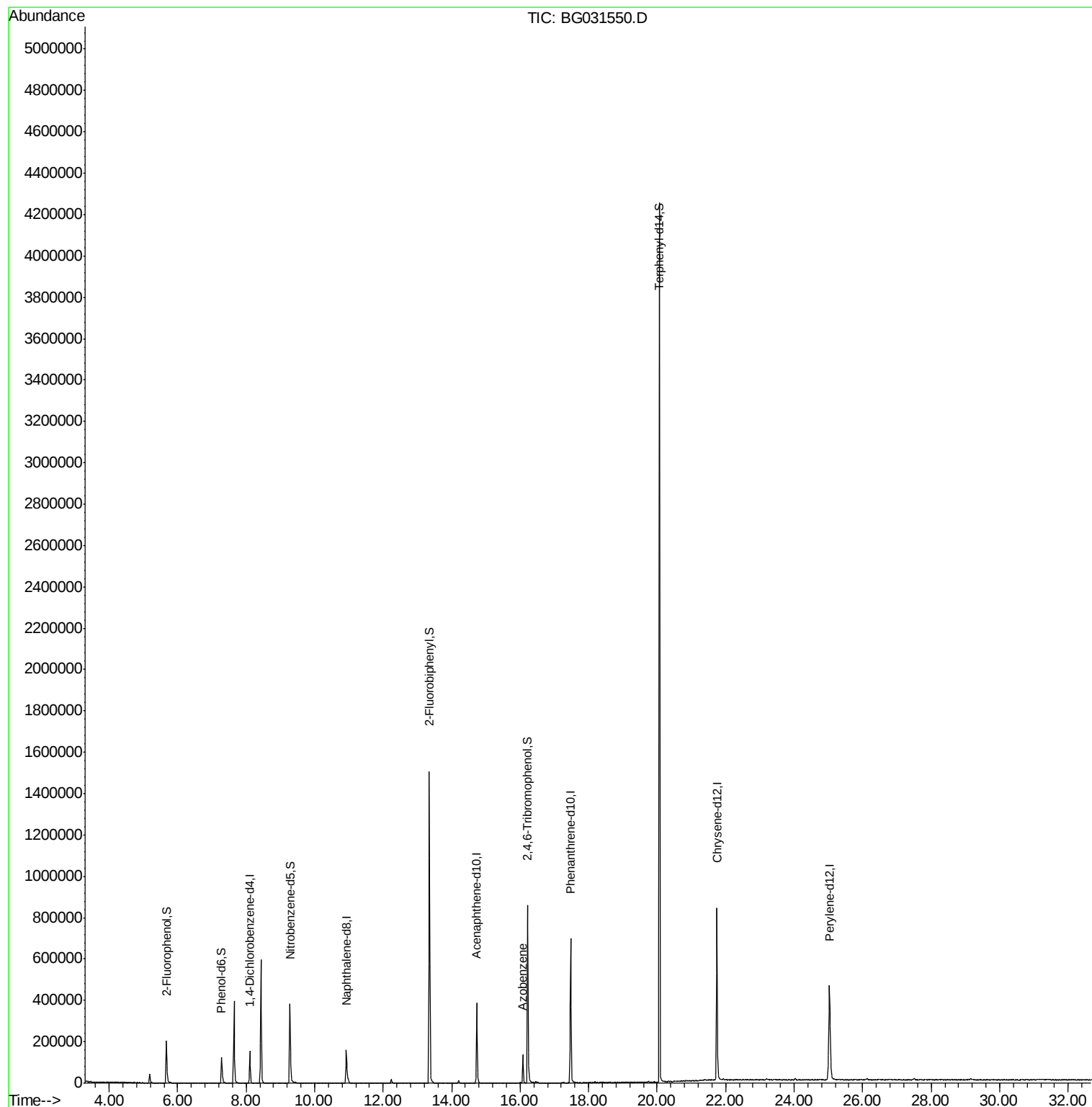
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	48363	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	201335	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	152567	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	475865	20.00	ng	0.00
75) Chrysene-d12	21.75	240	566273	20.00	ng	0.00
86) Perylene-d12	25.03	264	544714	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	115951	42.50	ng	0.00
7) Phenol-d6	7.28	99	93219	24.61	ng	0.00
23) Nitrobenzene-d5	9.28	82	279954	85.71	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	191290	107.02	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	920270	88.54	ng	0.00
78) Terphenyl-d14	20.07	244	1937875	77.86	ng	0.00
Target Compounds						
62) Azobenzene	16.08	77	43481	4.146	ng	Qvalue # 1

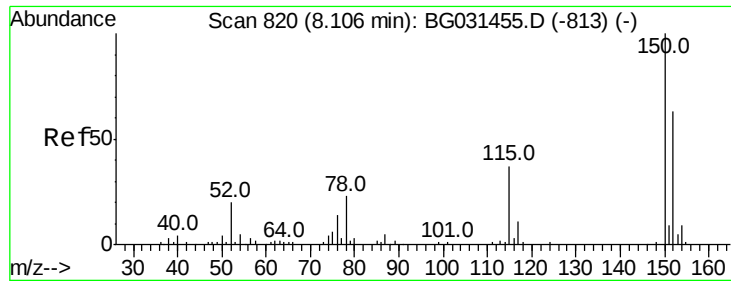
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121317\
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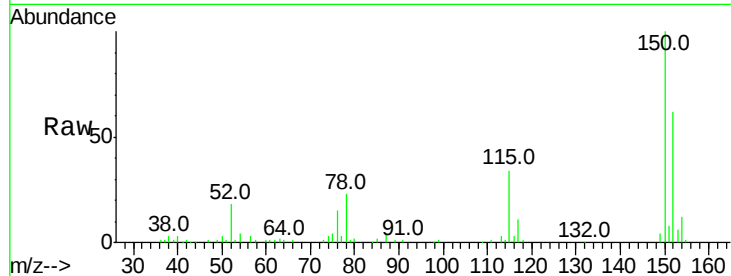


#1

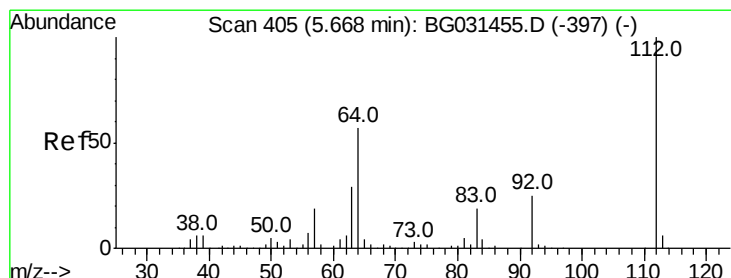
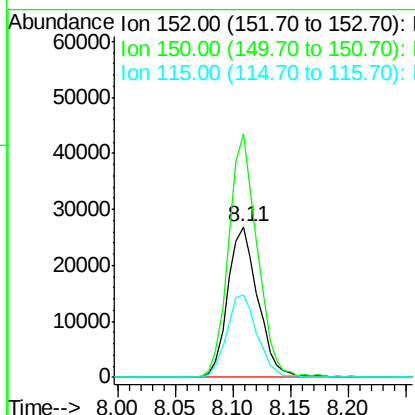
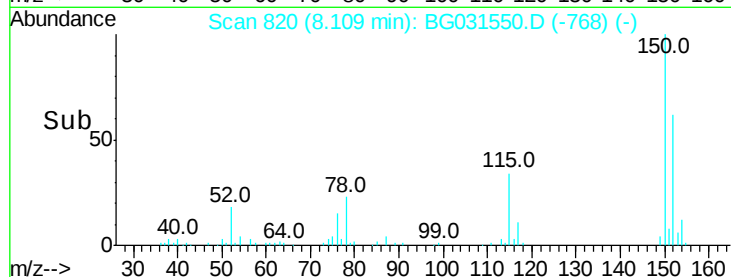
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG031550.D
Acq: 14 Dec 2017 5:07

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 48363
Ion Ratio Lower Upper
152 100
150 161.7 126.6 189.8
115 54.6 53.0 79.4



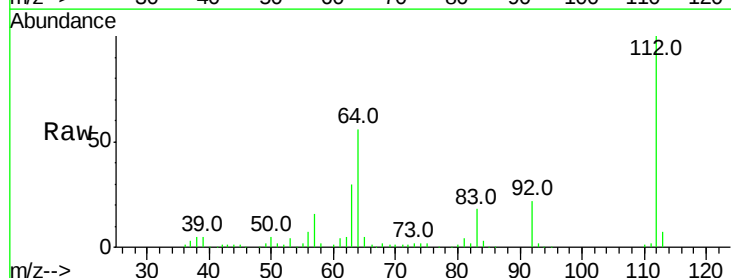
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



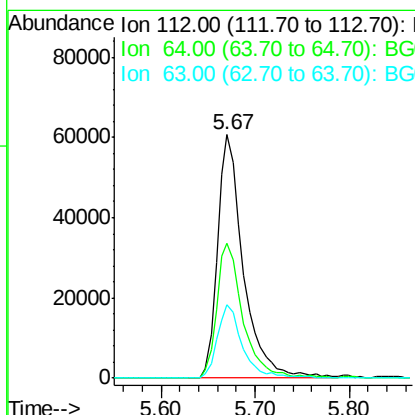
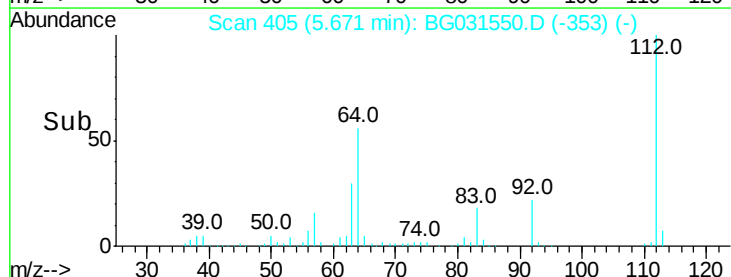
#5

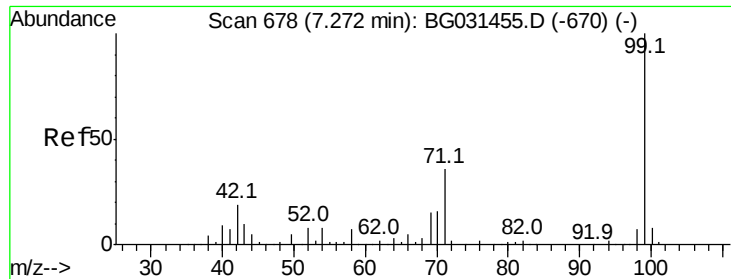
2-Fluorophenol
Concen: 42.496 ng
RT: 5.67 min Scan# 405
Delta R.T. 0.00 min
Lab File: BG031550.D
Acq: 14 Dec 2017 5:07

Tgt Ion:112 Resp: 115951
Ion Ratio Lower Upper
112 100
64 55.6 56.3 84.5#
63 29.9 30.1 45.1#



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





#7

Phenol-d6

Concen: 24.610 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031550.D

Acq: 14 Dec 2017 5:07

Instrument :

BNA_G

ClientSampleId :

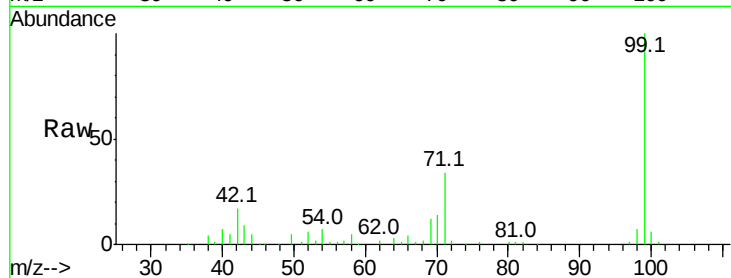
Tot Ion: 99 Resp: 93219

Ion Ratio Lower Upper

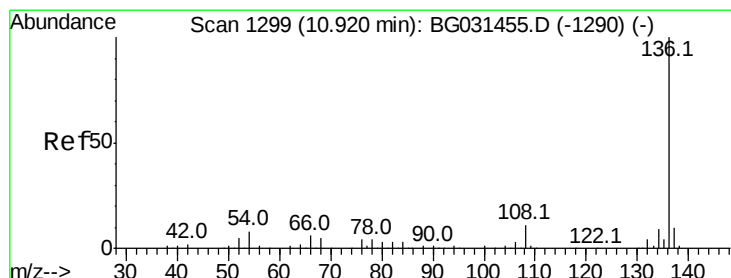
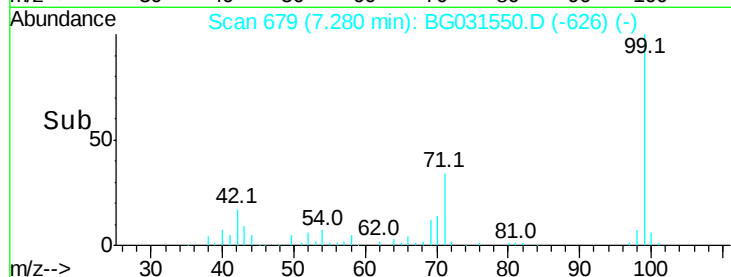
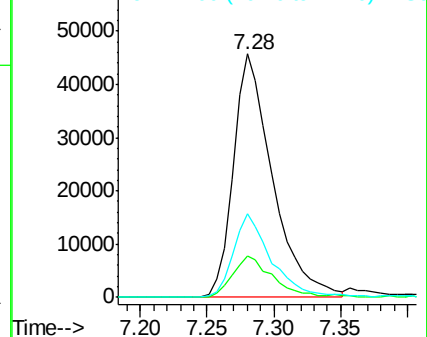
99 100

42 17.1 14.1 21.1

71 34.3 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: BG031550.D

Acq: 14 Dec 2017 5:07

Tgt Ion: 136 Resp: 201335

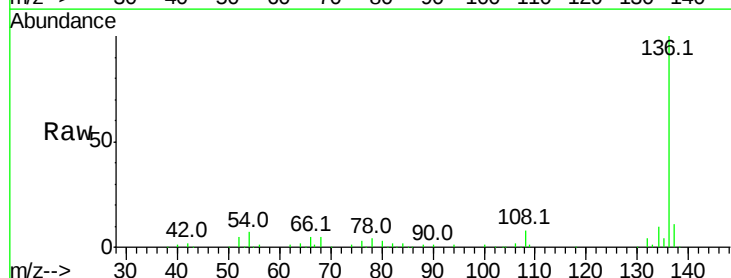
Ion Ratio Lower Upper

136 100

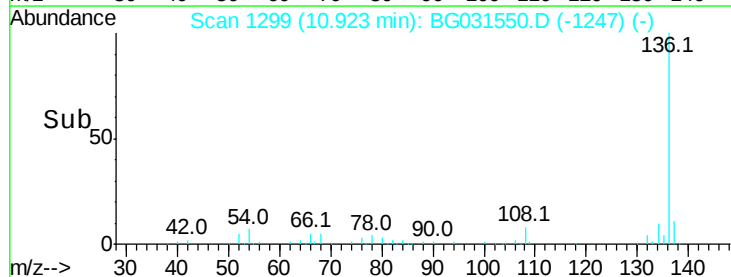
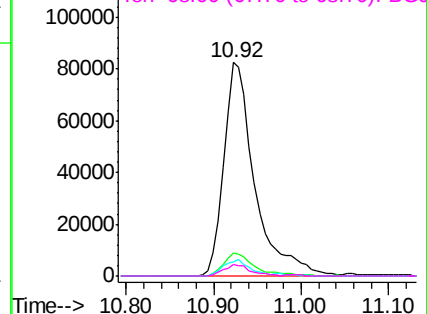
137 11.1 9.2 13.8

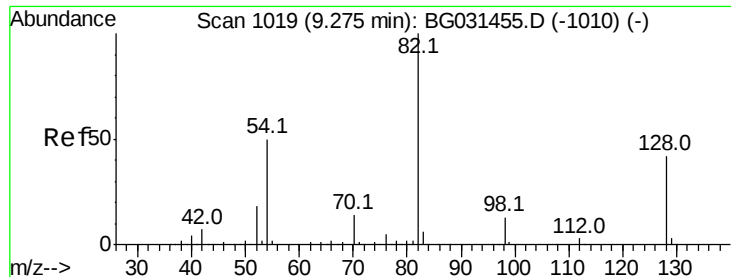
54 6.9 10.3 15.5#

68 5.2 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

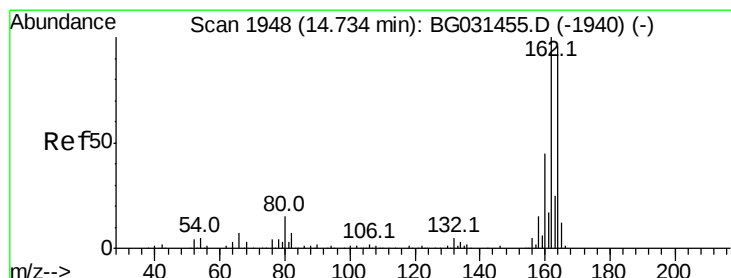
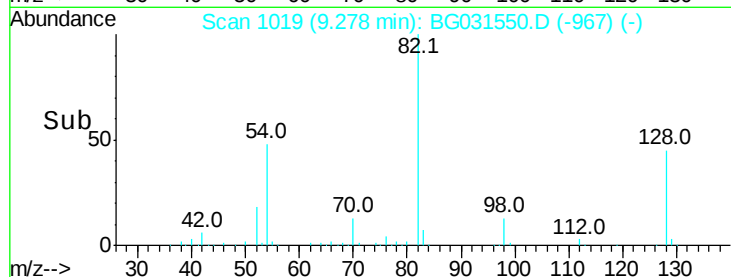
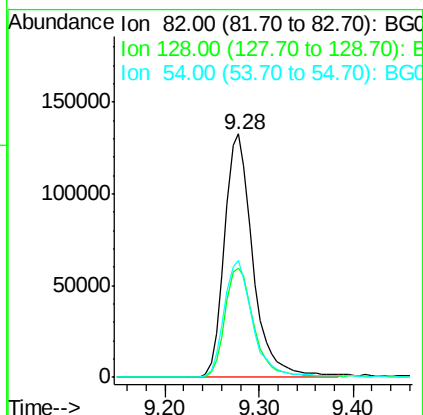
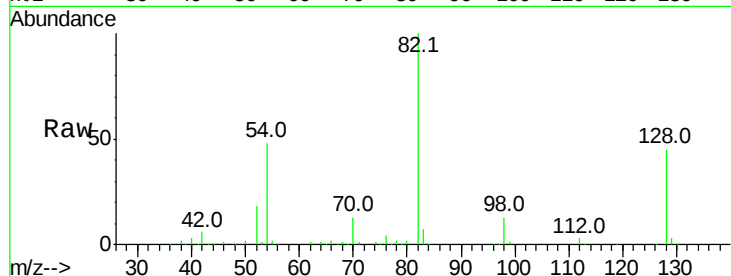




#23
 Nitrobenzene-d5
 Concen: 85.705 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BG031550.D
 Acq: 14 Dec 2017 5:07

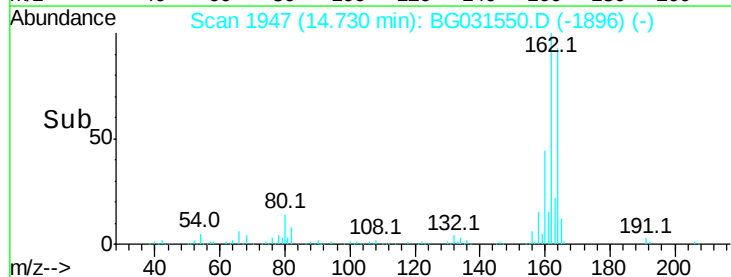
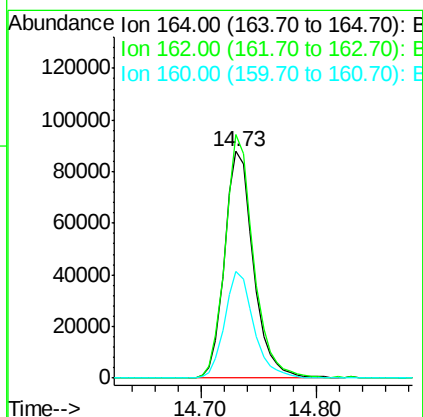
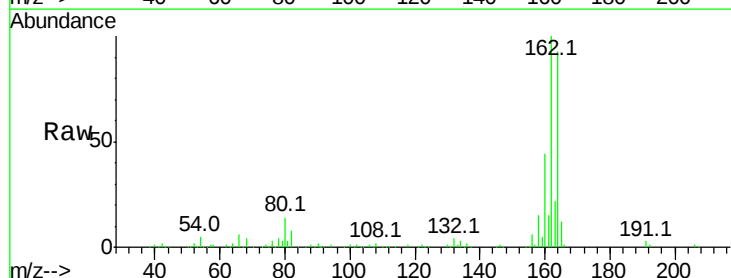
Instrument :
 BNA_G
 ClientSampleId :

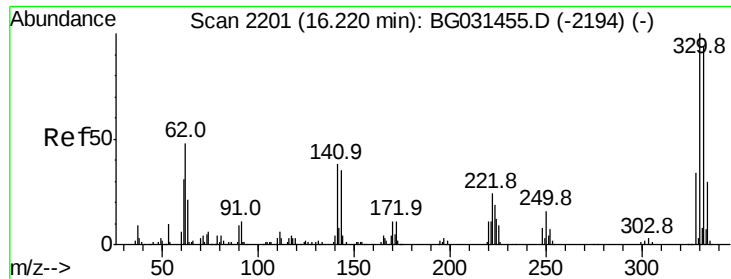
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	29.7	44.5#
54	47.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.00 min
 Lab File: BG031550.D
 Acq: 14 Dec 2017 5:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.3	78.8	118.2
160	47.2	35.4	53.0

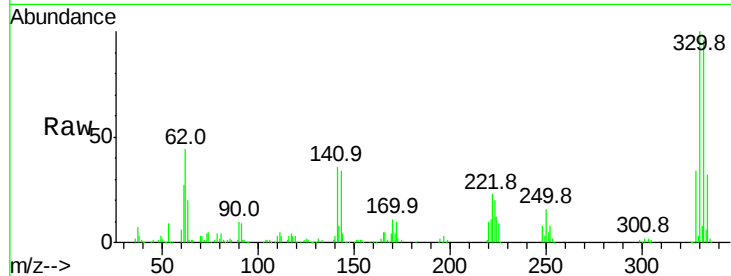




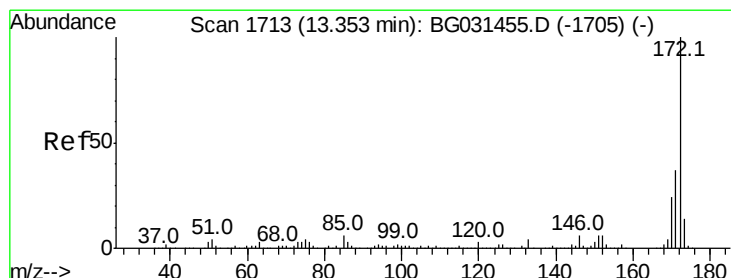
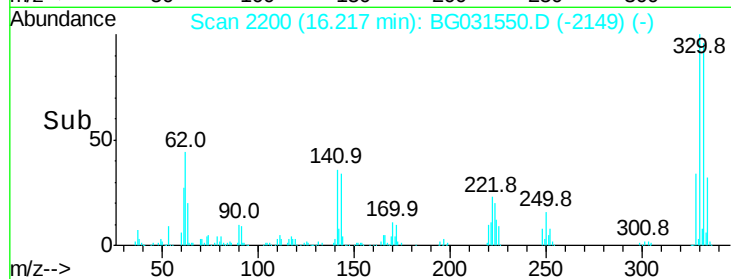
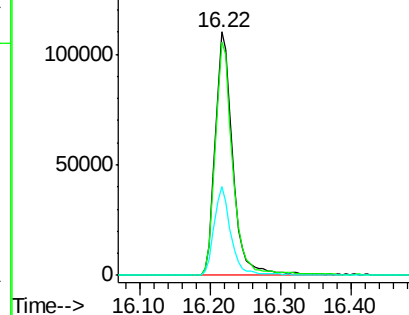
#41
 2,4,6-Tribromophenol
 Concen: 107.022 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG031550.D
 Acq: 14 Dec 2017 5:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	34.8	25.2	37.8

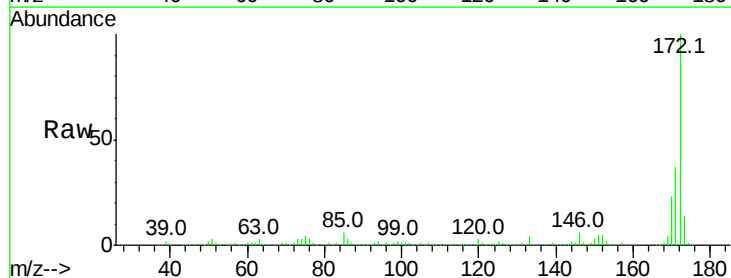


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

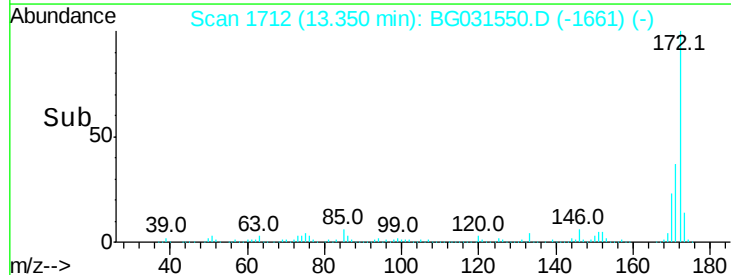
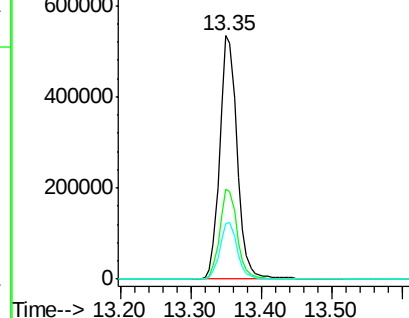


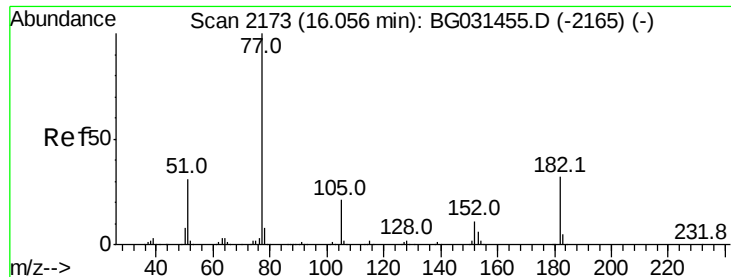
#44
 2-Fluorobiphenyl
 Concen: 88.541 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BG031550.D
 Acq: 14 Dec 2017 5:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	22.8	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





#62

Azobenzene

Concen: 4.146 ng

RT: 16.08 min Scan# 2176

Delta R.T. 0.02 min

Lab File: BG031550.D

Acq: 14 Dec 2017 5:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 43481

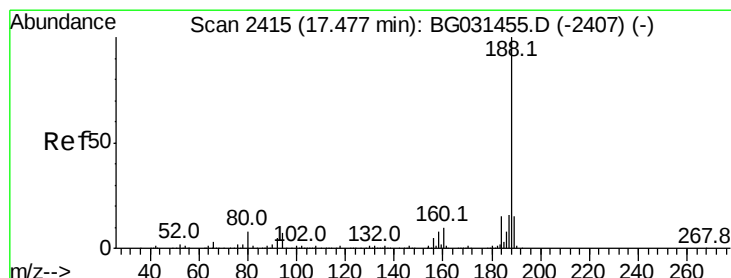
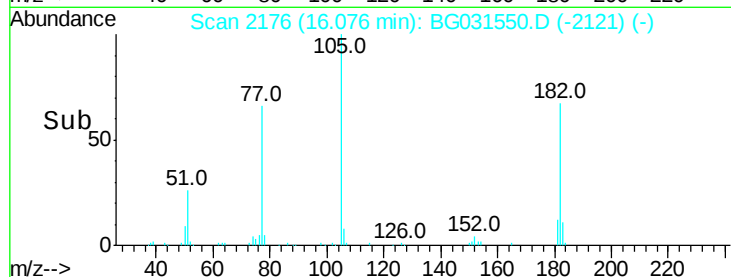
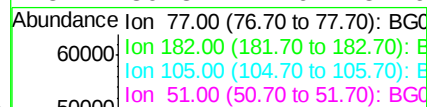
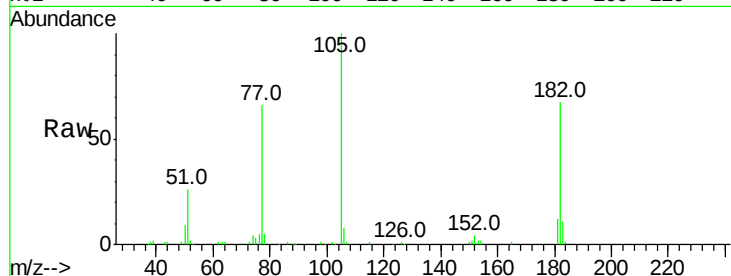
Ion Ratio Lower Upper

77 100

182 100.6 7.4 47.4#

105 150.8 0.3 40.3#

51 39.3 11.6 51.6



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BG031550.D

Acq: 14 Dec 2017 5:07

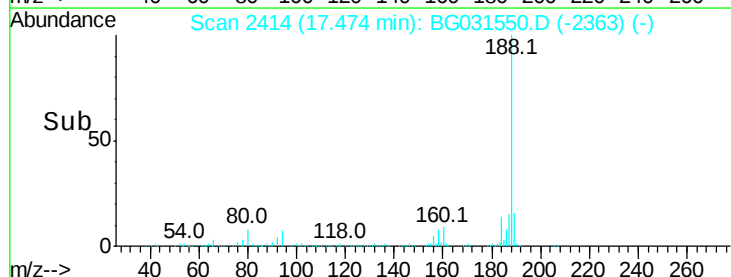
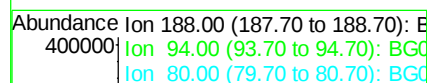
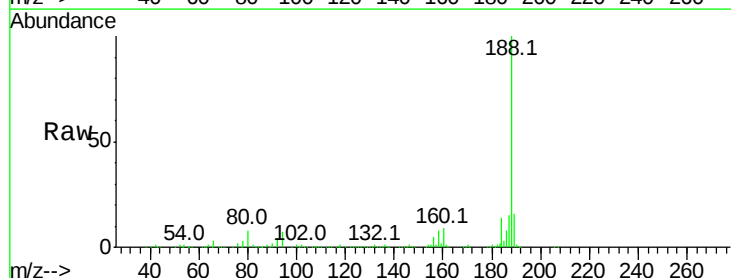
Tgt Ion: 188 Resp: 475865

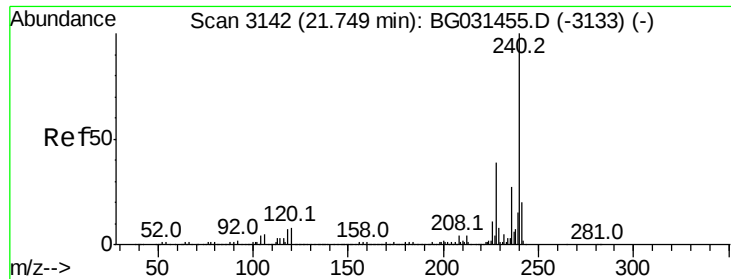
Ion Ratio Lower Upper

188 100

94 7.0 6.9 10.3

80 7.7 7.7 11.5





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG031550.D

Acq: 14 Dec 2017 5:07

Instrument :

BNA_G

ClientSampleId :

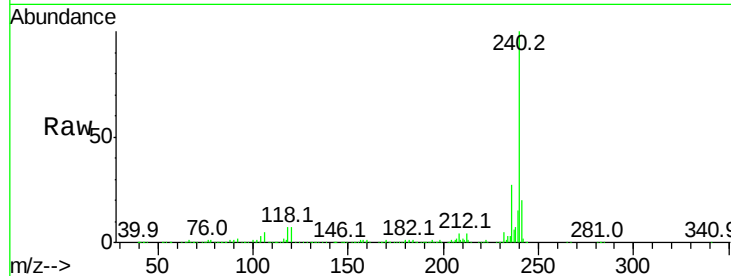
Tot Ion:240 Resp: 566273

Ion Ratio Lower Upper

240 100

120 7.4 6.8 10.2

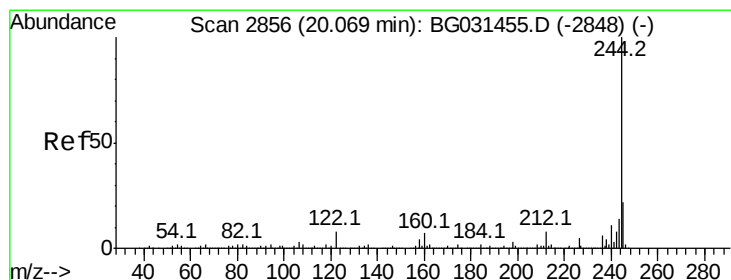
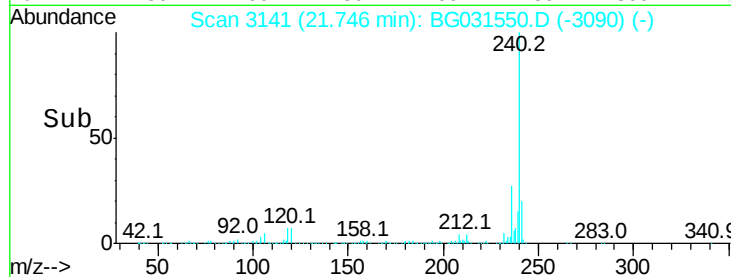
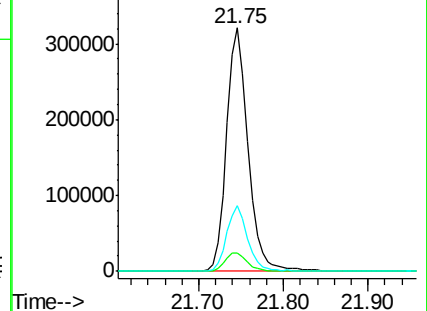
236 26.8 20.9 31.3



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: 77.860 ng

RT: 20.07 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG031550.D

Acq: 14 Dec 2017 5:07

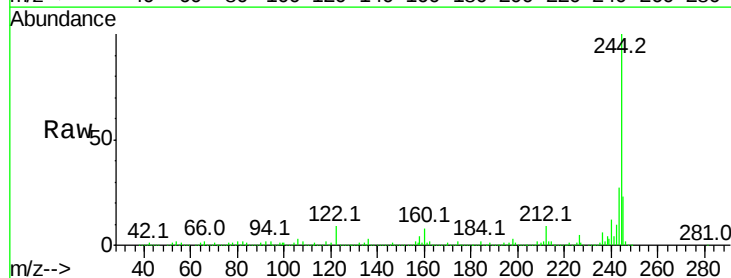
Tgt Ion:244 Resp: 1937875

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

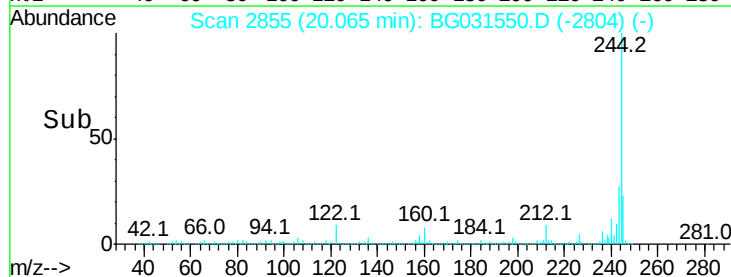
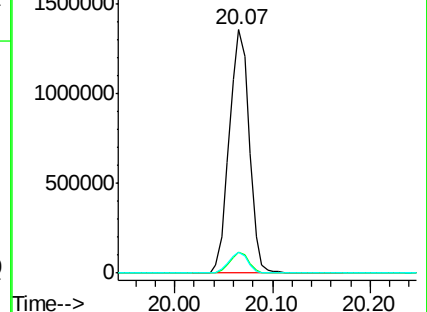
122 8.8 7.0 10.4

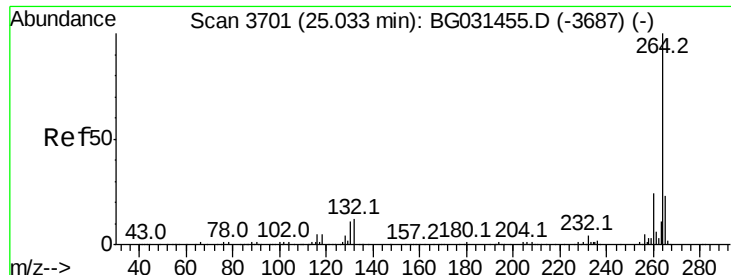


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

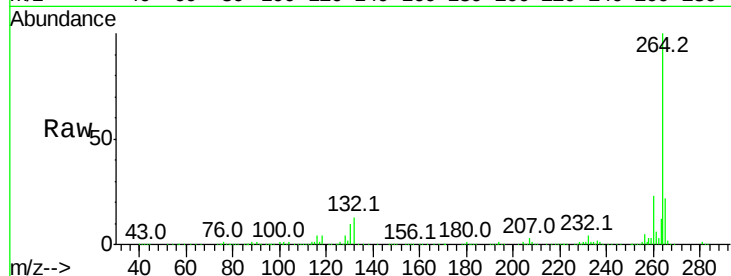




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.03 min Scan# 3700
 Delta R.T. -0.00 min
 Lab File: BG031550.D
 Acq: 14 Dec 2017 5:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	22.4	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

