

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090518\
 Data File : BG036564.D
 Acq On : 5 Sep 2018 17:19
 Operator : JU/SJ
 Sample : J4741-25
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A0C2-04-A

Quant Time: Sep 05 19:01:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

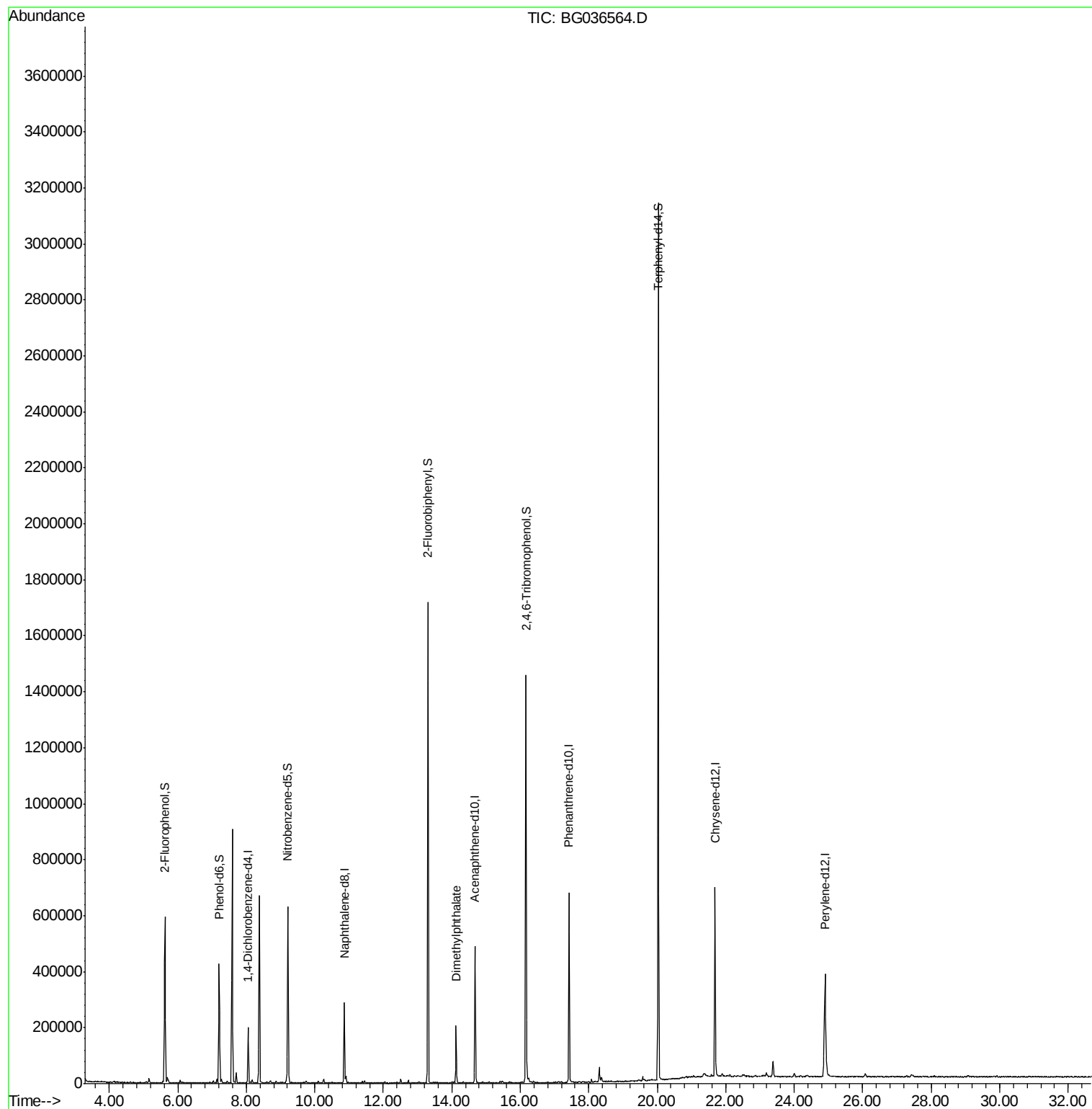
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	55964	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	243137	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	165231	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	424313	20.00	ng	0.00
75) Chrysene-d12	21.69	240	432198	20.00	ng	0.00
86) Perylene-d12	24.89	264	418093	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	262891	74.52	ng	0.00
7) Phenol-d6	7.21	99	238956	47.31	ng	-0.01
23) Nitrobenzene-d5	9.22	82	380520	84.91	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	280867	142.46	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	904138	78.13	ng	0.00
78) Terphenyl-d14	20.03	244	1521811	82.30	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.13	163	132961	9.855	ng	Qvalue 99

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

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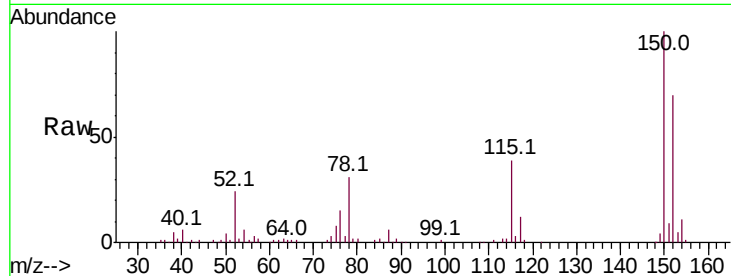


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BG036564.D
 Acq: 5 Sep 2018 17:19

Instrument :
 BNA_G
 ClientSampleId :
 A0C2-04-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.5	119.5	179.3
115	56.7	44.5	66.7

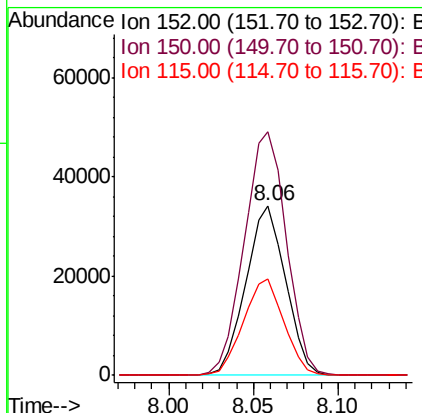
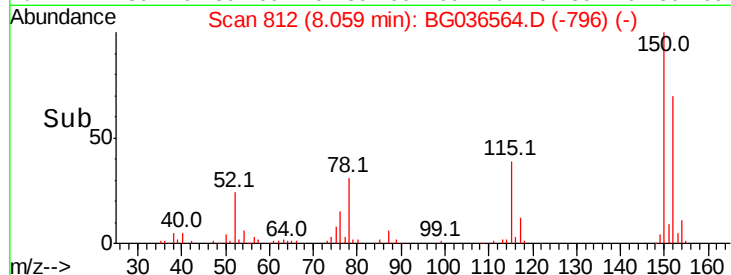


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

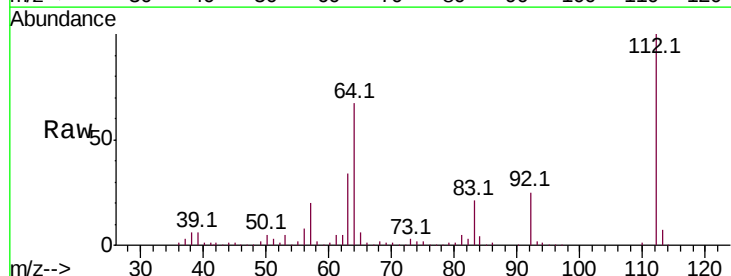
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 74.516 ng
 RT: 5.63 min Scan# 398
 Delta R.T. 0.00 min
 Lab File: BG036564.D
 Acq: 5 Sep 2018 17:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.5	57.2	85.8
63	34.0	30.8	46.2

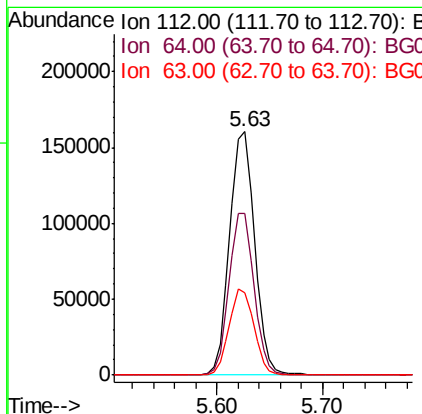
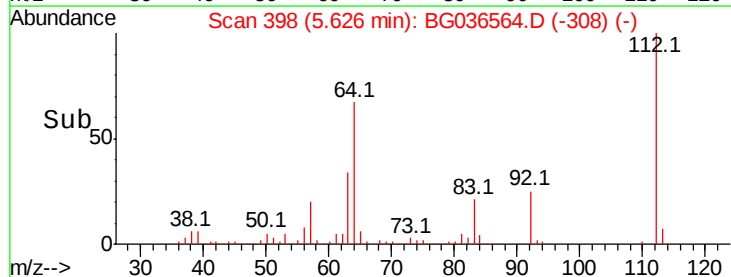


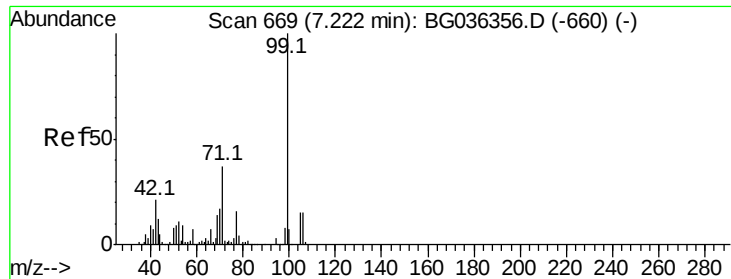
Abundance

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: 47.307 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036564.D

Acq: 5 Sep 2018 17:19

Instrument :

BNA_G

ClientSampleId :

A0C2-04-A

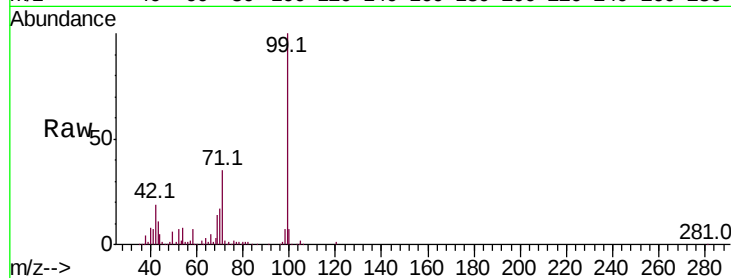
Tot Ion: 99 Resp: 238956

Ion Ratio Lower Upper

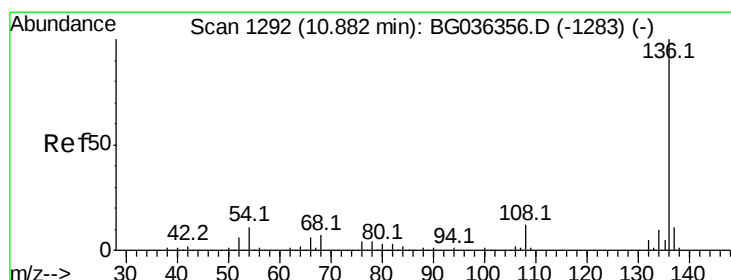
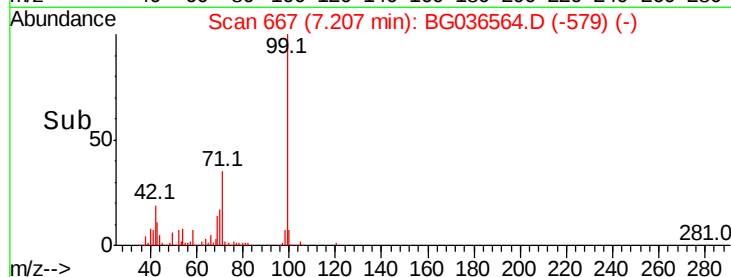
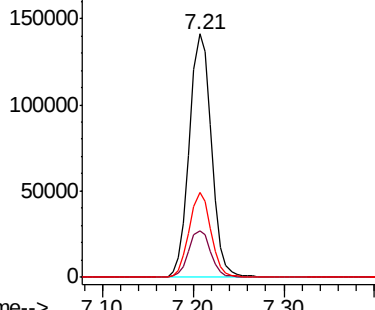
99 100

42 19.3 16.5 24.7

71 35.0 29.4 44.2



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: 10.86 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG036564.D

Acq: 5 Sep 2018 17:19

Tgt Ion: 136 Resp: 243137

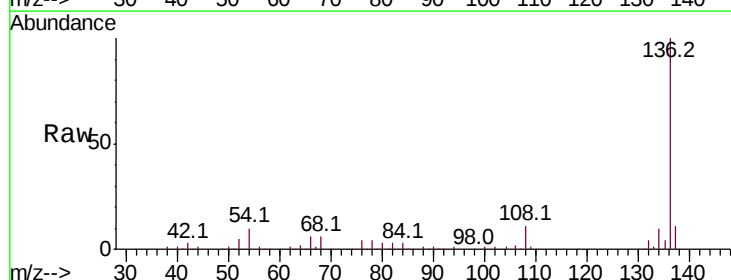
Ion Ratio Lower Upper

136 100

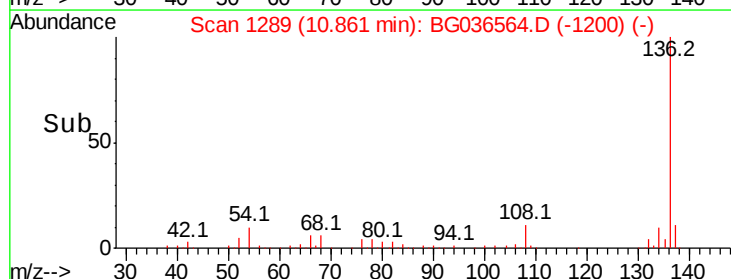
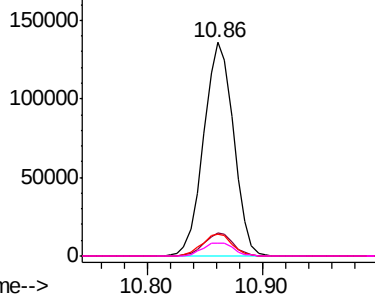
137 10.7 8.8 13.2

54 10.1 9.2 13.8

68 5.9 5.8 8.6



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

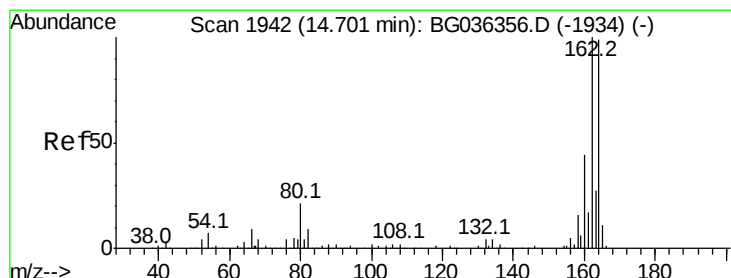
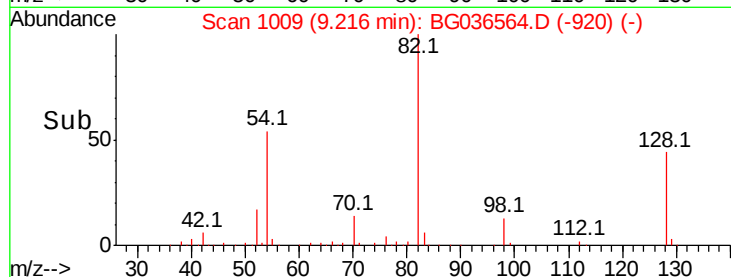
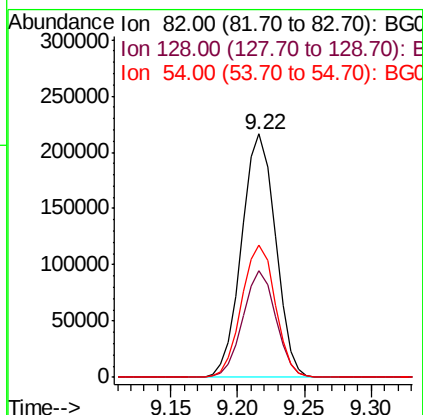
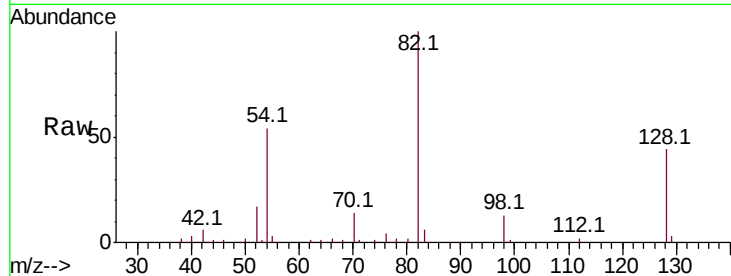




#23
Nitrobenzene-d5
Concen: 84.914 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036564.D
Acq: 5 Sep 2018 17:19

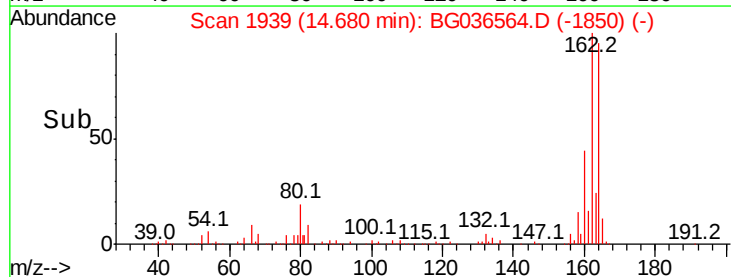
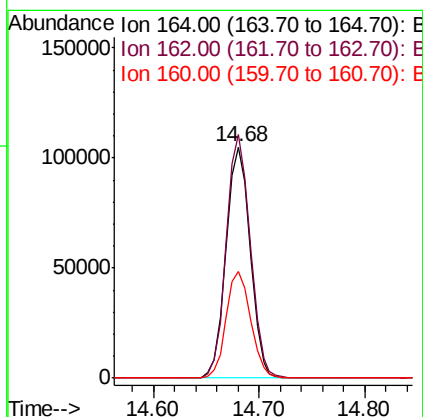
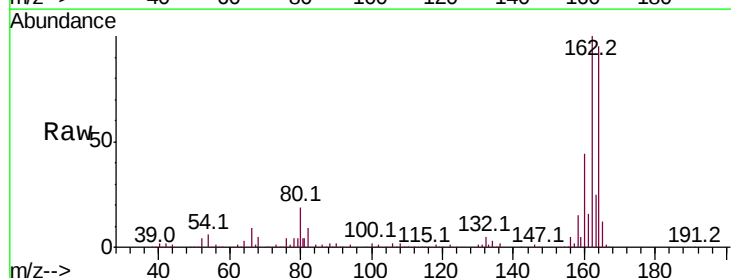
Instrument :
BNA_G
ClientSampleId :
A0C2-04-A

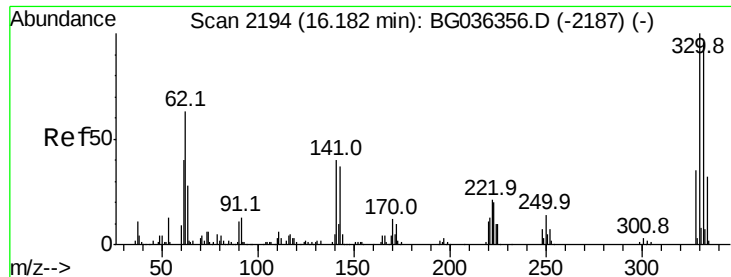
Tot Ion: 82 Resp: 380520
Ion Ratio Lower Upper
82 100
128 43.6 33.3 49.9
54 54.3 45.1 67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG036564.D
Acq: 5 Sep 2018 17:19

Tgt Ion:164 Resp: 165231
Ion Ratio Lower Upper
164 100
162 105.3 80.7 121.1
160 46.0 35.3 52.9

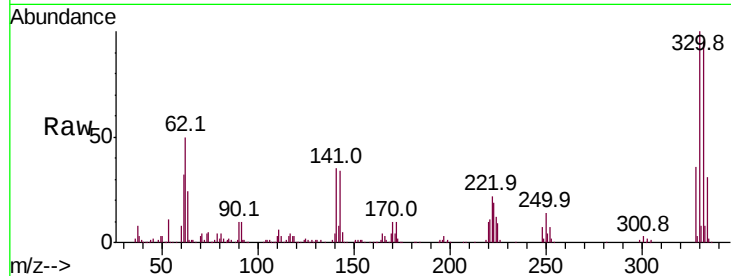




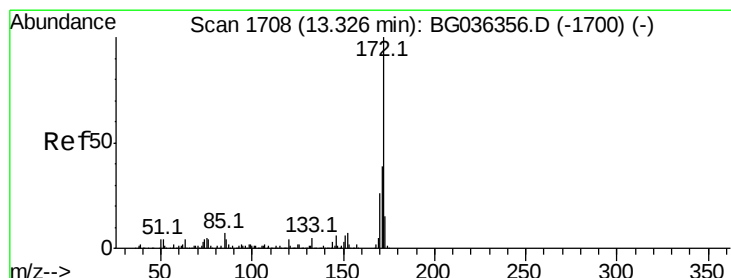
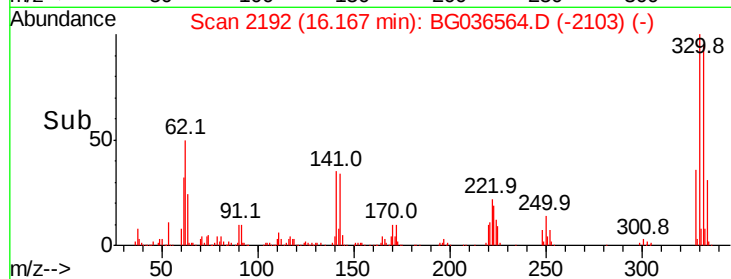
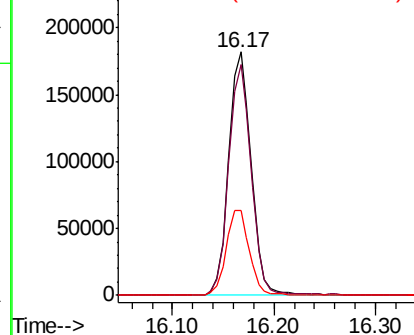
#41
 2,4,6-Tribromophenol
 Concen: 142.458 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG036564.D
 Acq: 5 Sep 2018 17:19

Instrument :
 BNA_G
 ClientSampled :
 A0C2-04-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.4	113.2
141	36.0	30.7	46.1

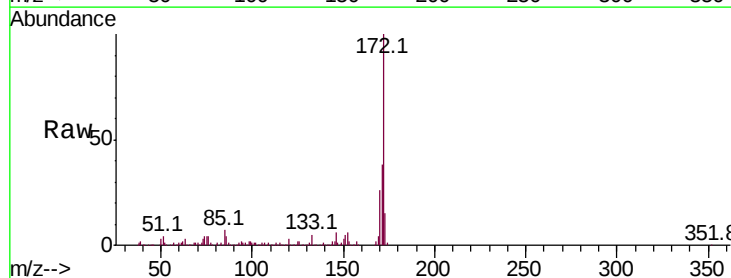


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

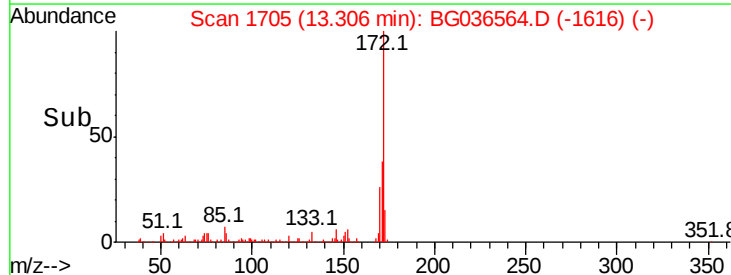
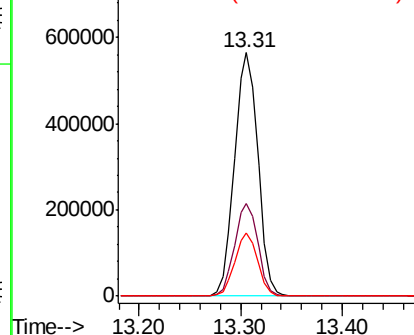


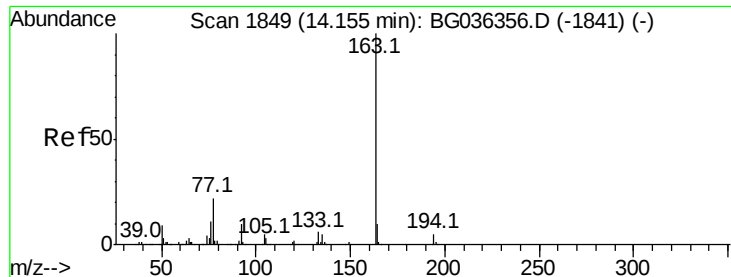
#44
 2-Fluorobiphenyl
 Concen: 78.130 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036564.D
 Acq: 5 Sep 2018 17:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.3	46.9
170	26.0	21.0	31.6



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

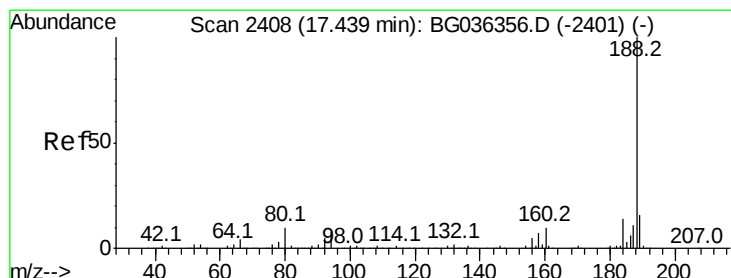
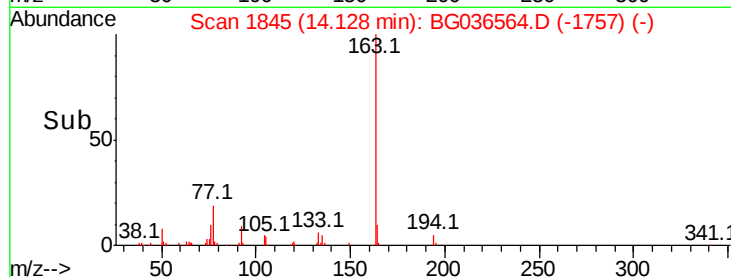
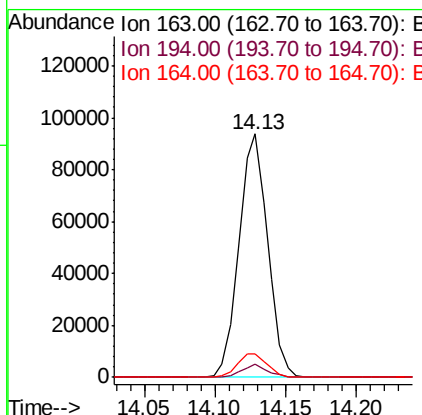
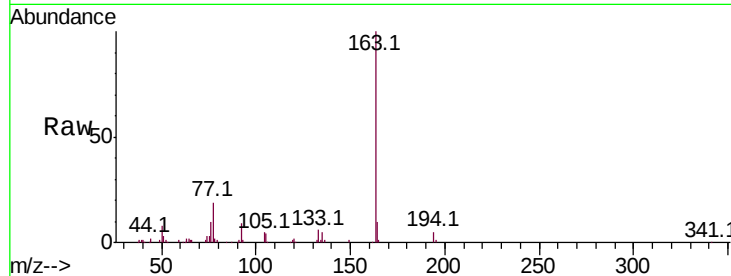




#49
 Dimethylphthalate
 Concen: 9.855 ng
 RT: 14.13 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BG036564.D
 Acq: 5 Sep 2018 17:19

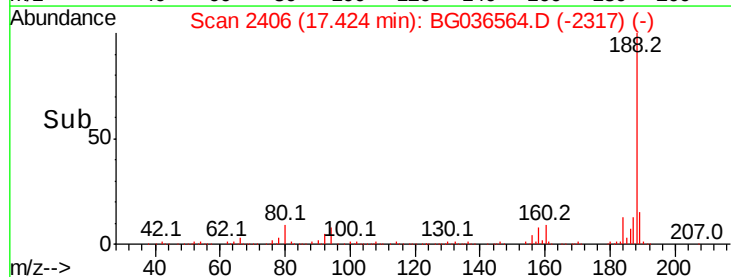
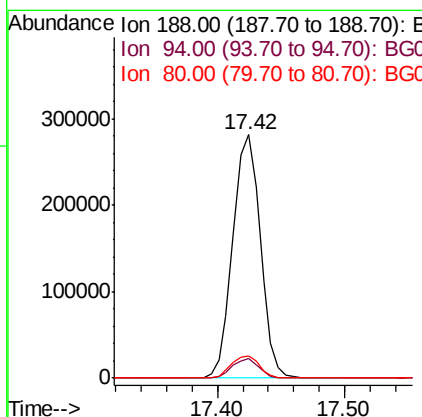
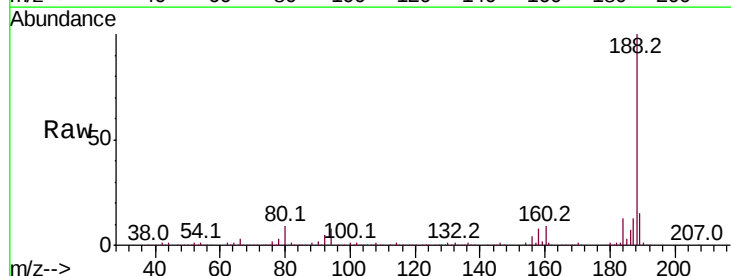
Instrument :
 BNA_G
 ClientSampleId :
 A0C2-04-A

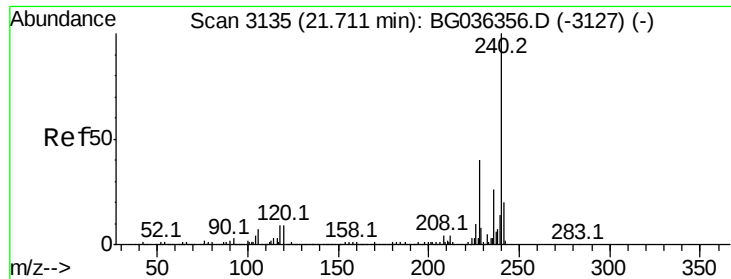
Tot Ion:	163	Resp:	132961
Ion	Ratio	Lower	Upper
163	100		
194	5.5	4.0	6.0
164	9.7	8.1	12.1



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.00 min
 Lab File: BG036564.D
 Acq: 5 Sep 2018 17:19

Tgt Ion:	188	Resp:	424313
Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.7	10.1
80	9.2	8.1	12.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BG036564.D

Acq: 5 Sep 2018 17:19

Instrument :

BNA_G

ClientSampleId :

A0C2-04-A

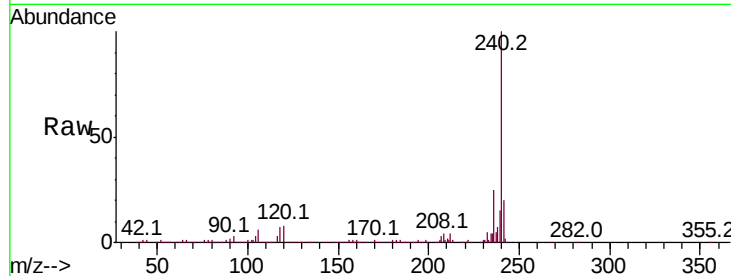
Tot Ion:240 Resp: 432198

Ion Ratio Lower Upper

240 100

120 7.9 6.9 10.3

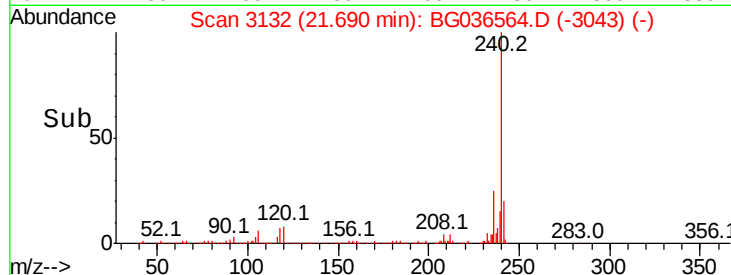
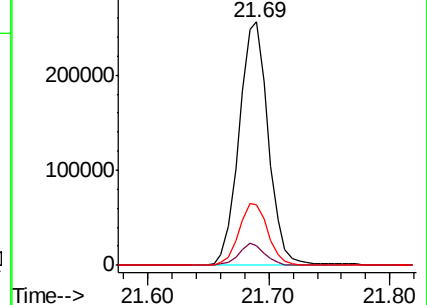
236 24.9 21.2 31.8



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: 82.300 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036564.D

Acq: 5 Sep 2018 17:19

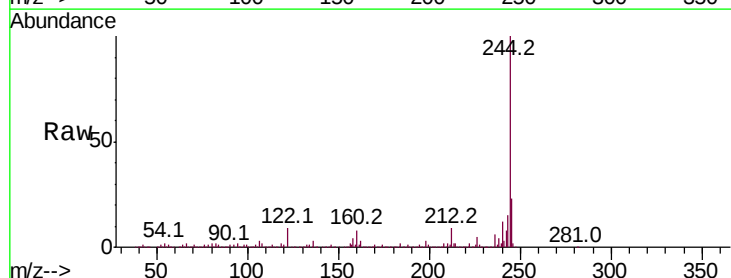
Tgt Ion:244 Resp: 1521811

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

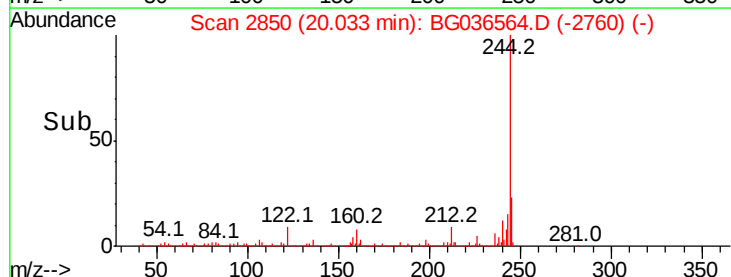
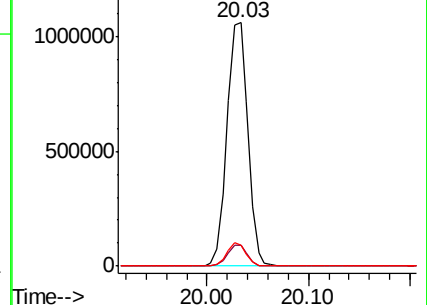
122 8.7 7.1 10.7

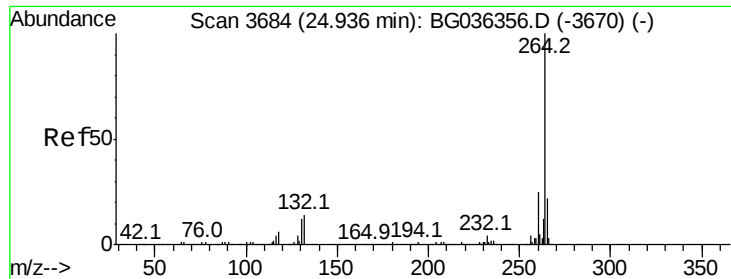


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

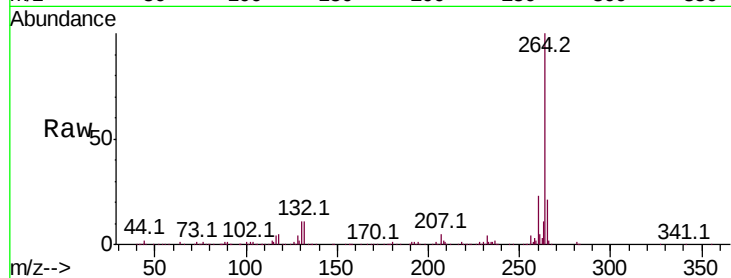




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3677
 Delta R.T. -0.01 min
 Lab File: BG036564.D
 Acq: 5 Sep 2018 17:19

Instrument :
 BNA_G
 ClientSampleId :
 A0C2-04-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.6	29.4
265	21.1	17.4	26.0



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

