

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071318\
 Data File : BG035628.D
 Acq On : 13 Jul 2018 14:13
 Operator : JU/SJ
 Sample : J3947-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OLD-FOOTING-1

Quant Time: Jul 13 17:11:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

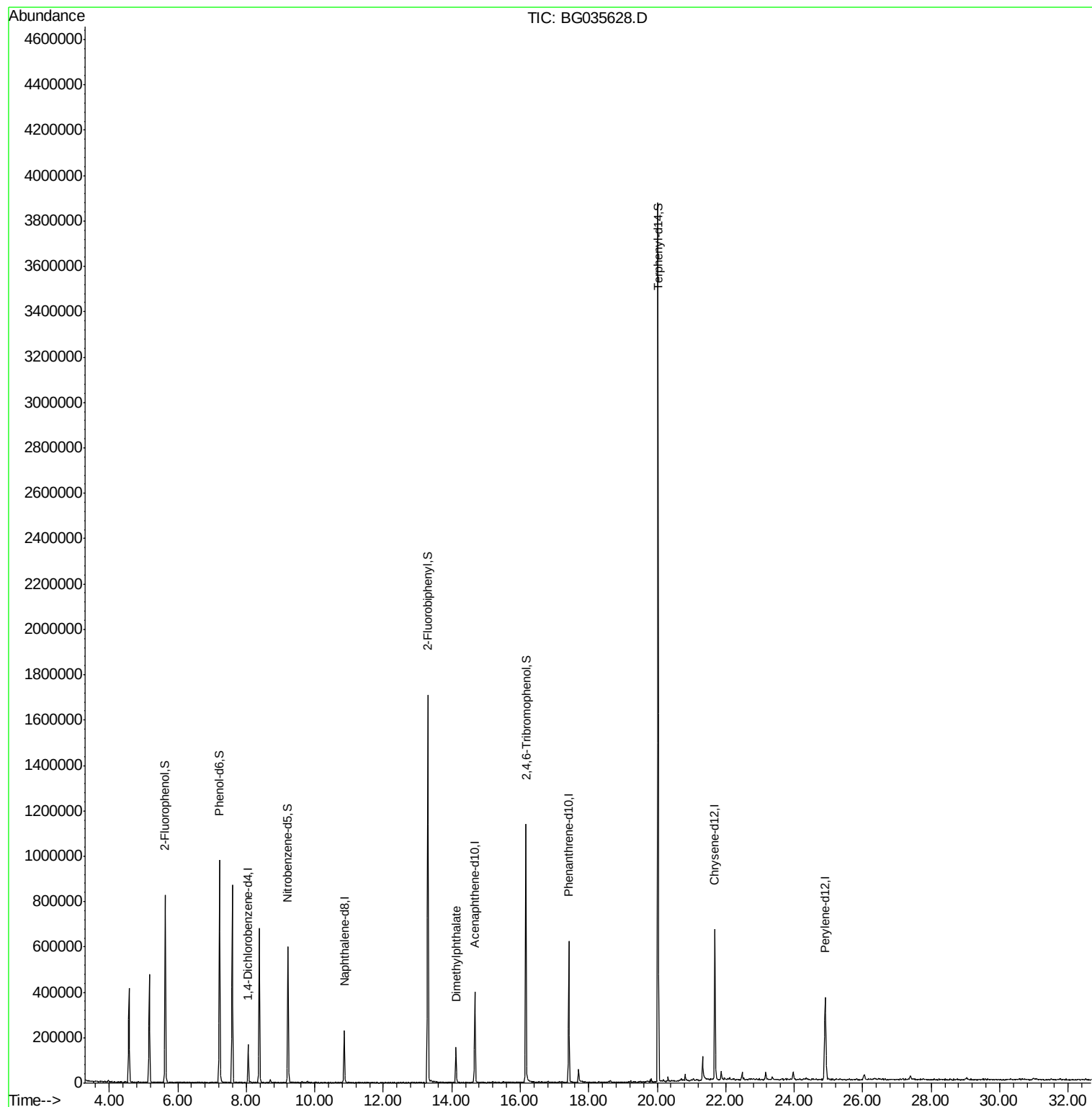
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	46751	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	185105	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	139918	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	403066	20.00	ng	0.00
75) Chrysene-d12	21.68	240	425726	20.00	ng	0.00
86) Perylene-d12	24.91	264	391952	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	346980	123.22	ng	0.00
7) Phenol-d6	7.22	99	583538	138.89	ng	0.00
23) Nitrobenzene-d5	9.22	82	404934	91.39	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	214456	116.29	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	927598	88.82	ng	0.00
78) Terphenyl-d14	20.02	244	1760526	91.16	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.12	163	102196	8.336	ng	Qvalue 99

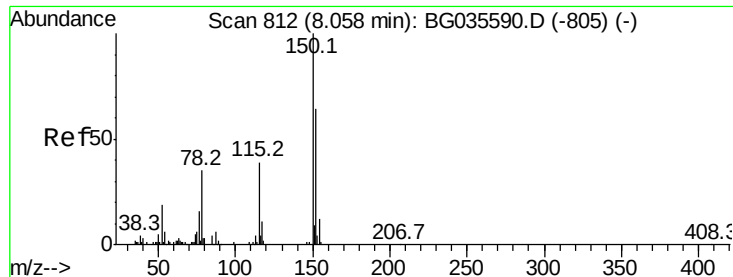
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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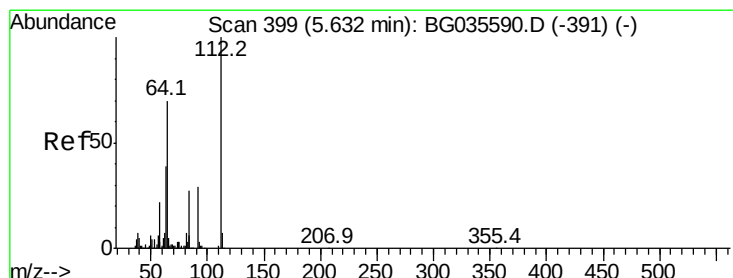
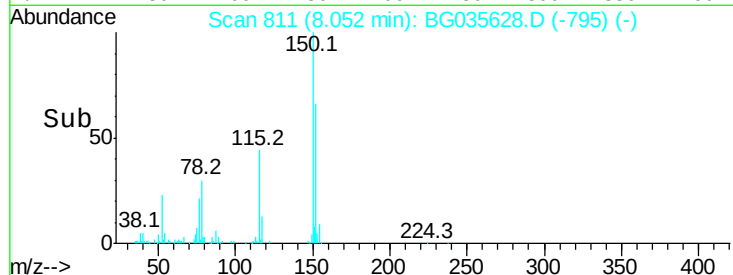
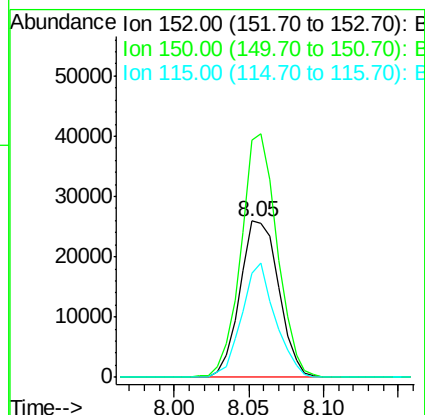
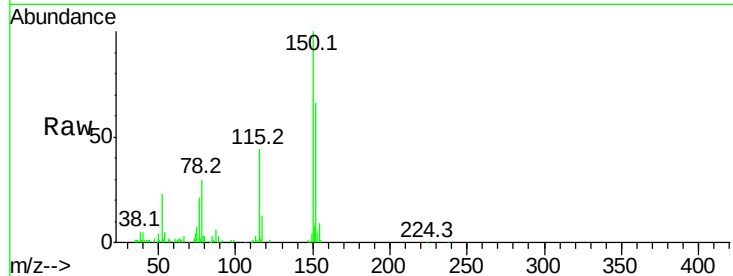


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG035628.D
 Acq: 13 Jul 2018 14:13

Instrument :
 BNA_G
 ClientSampleId :
 OLD-FOOTING-1

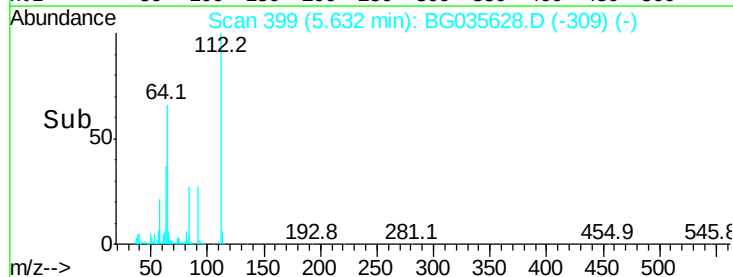
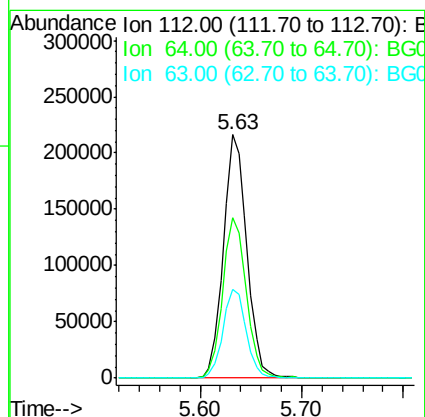
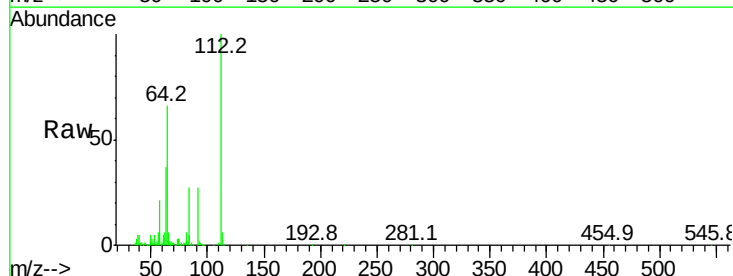
Tot Ion:152 Resp: 46751
 Ion Ratio Lower Upper
 152 100
 150 152.0 126.6 189.8
 115 66.6 53.0 79.4

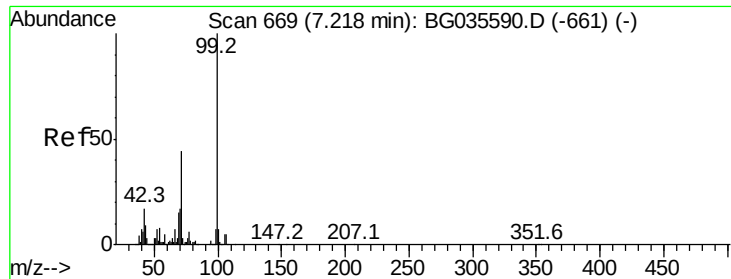


#5

2-Fluorophenol
 Concen: 123.221 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BG035628.D
 Acq: 13 Jul 2018 14:13

Tgt Ion:112 Resp: 346980
 Ion Ratio Lower Upper
 112 100
 64 66.1 56.3 84.5
 63 36.5 30.1 45.1





#7

Phenol-d6

Concen: 138.894 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035628.D

Acq: 13 Jul 2018 14:13

Instrument :

BNA_G

ClientSampleId :

OLD-FOOTING-1

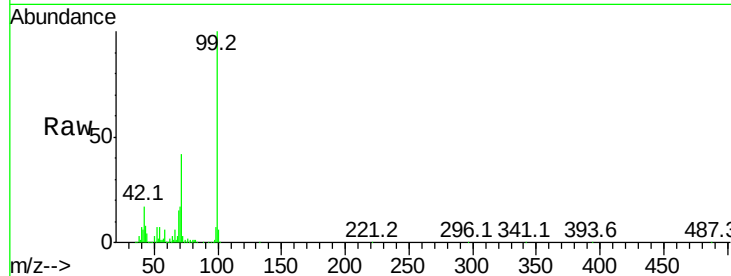
Tot Ion: 99 Resp: 583538

Ion Ratio Lower Upper

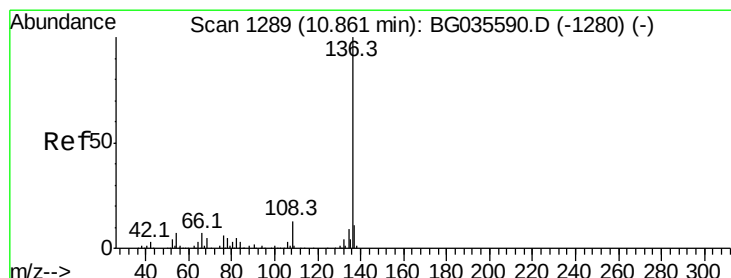
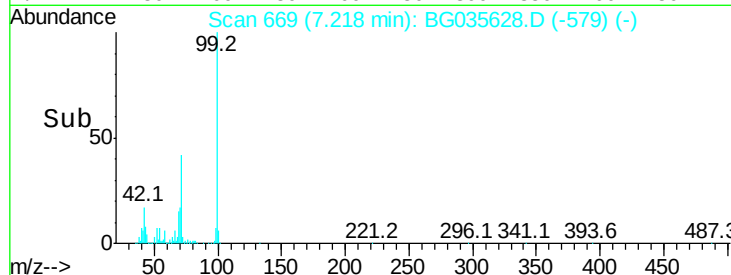
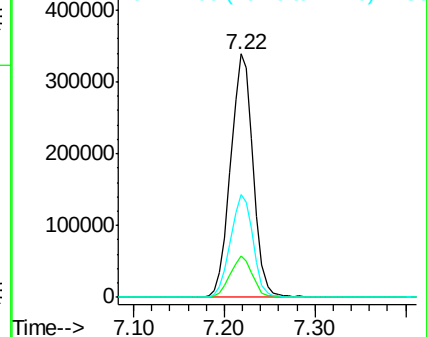
99 100

42 17.0 14.1 21.1

71 42.2 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: 10.86 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG035628.D

Acq: 13 Jul 2018 14:13

Tgt Ion:136 Resp: 185105

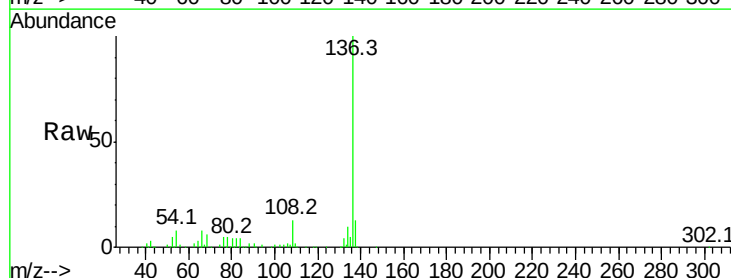
Ion Ratio Lower Upper

136 100

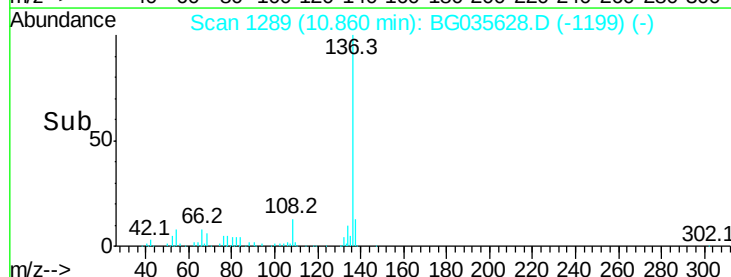
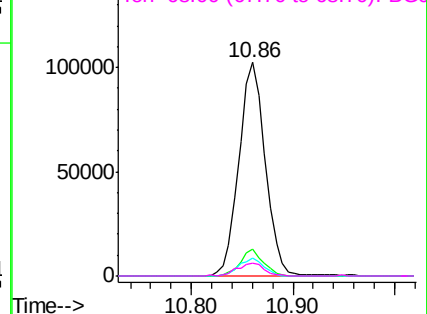
137 12.7 9.2 13.8

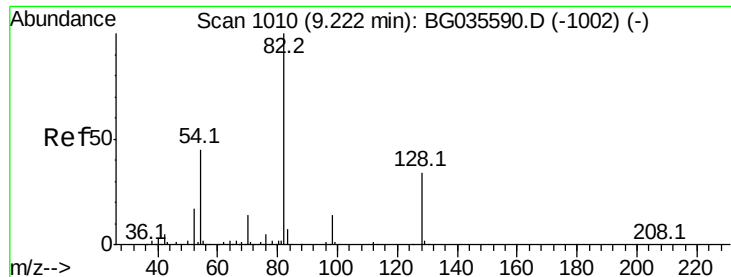
54 8.1 10.3 15.5#

68 6.3 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

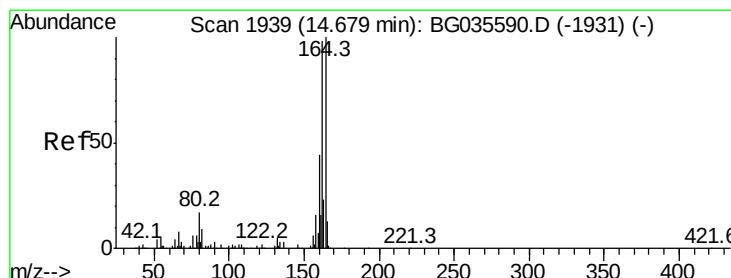
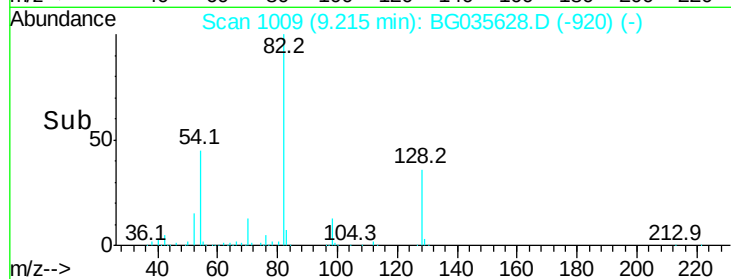
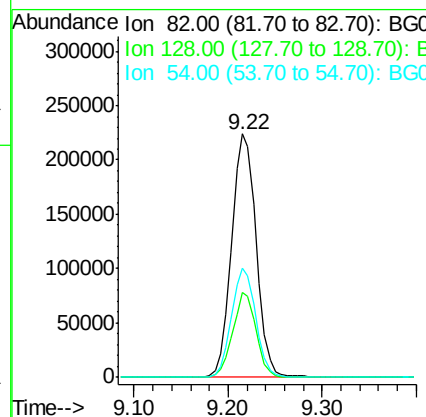
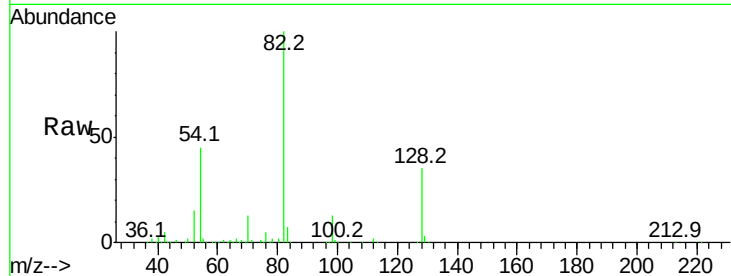




#23
Nitrobenzene-d5
Concen: 91.386 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG035628.D
Acq: 13 Jul 2018 14:13

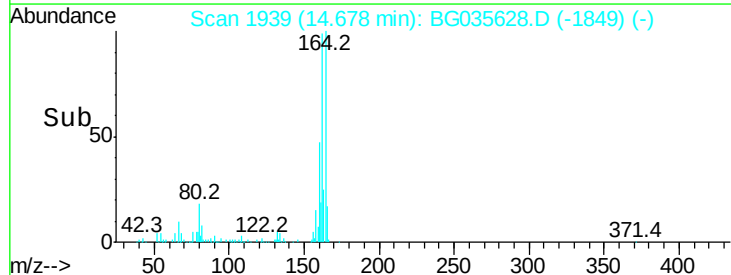
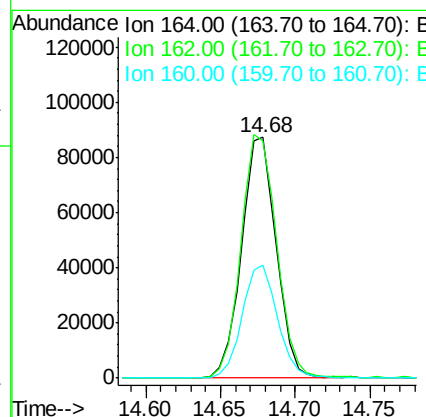
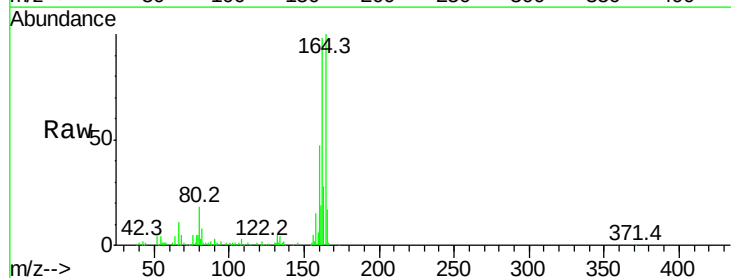
Instrument :
BNA_G
ClientSampleId :
OLD-FOOTING-1

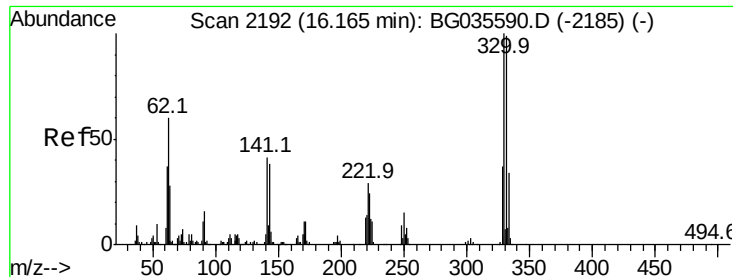
Tot Ion	82	Resp	404934
Ion Ratio	Lower	Upper	
82	100		
128	35.1	29.7	44.5
54	44.9	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG035628.D
Acq: 13 Jul 2018 14:13

Tgt Ion	164	Resp	139918
Ion Ratio	Lower	Upper	
164	100		
162	98.5	78.8	118.2
160	47.1	35.4	53.0

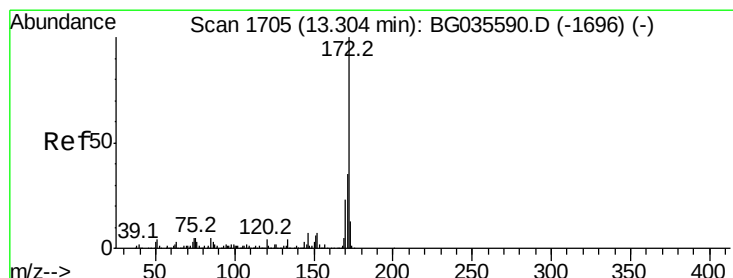
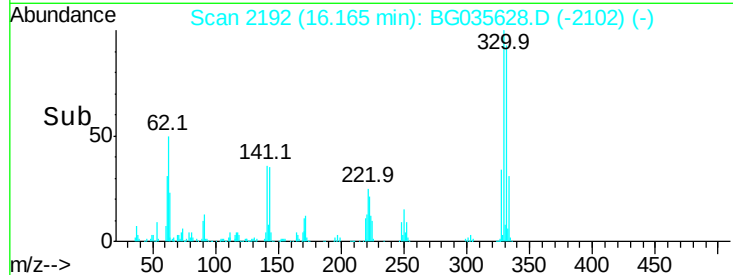
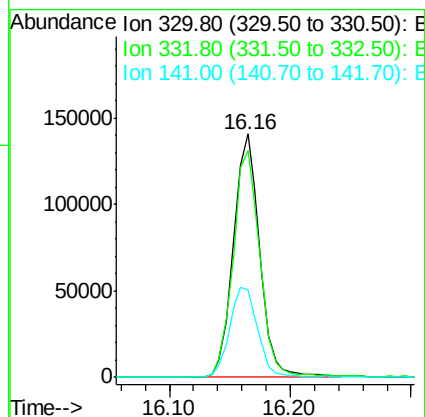
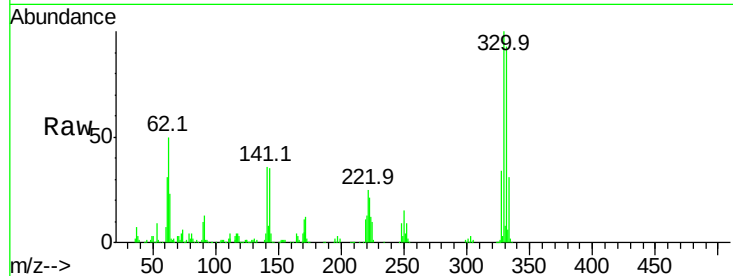




#41
 2,4,6-Tribromophenol
 Concen: 116.286 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG035628.D
 Acq: 13 Jul 2018 14:13

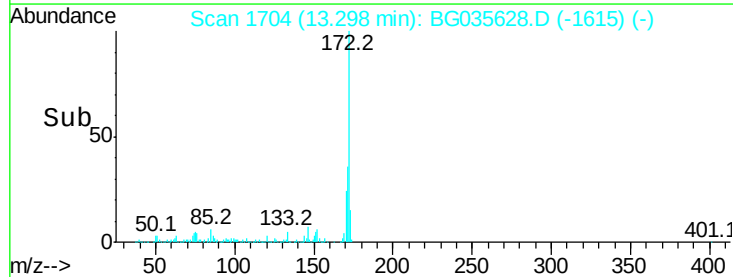
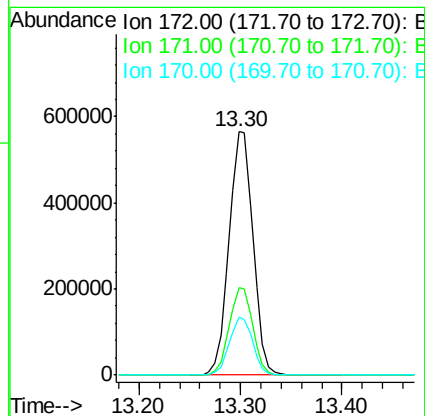
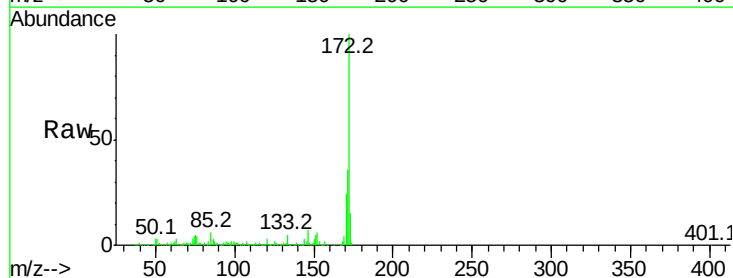
Instrument :
 BNA_G
 ClientSampleId :
 OLD-FOOTING-1

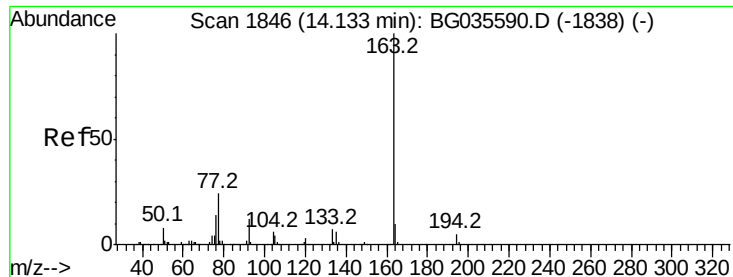
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	39.3	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 88.819 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG035628.D
 Acq: 13 Jul 2018 14:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.0	45.0
170	23.8	19.5	29.3

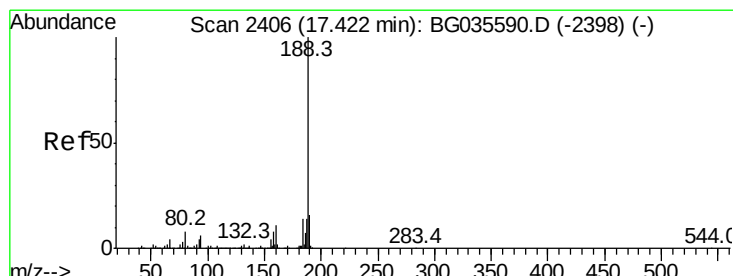
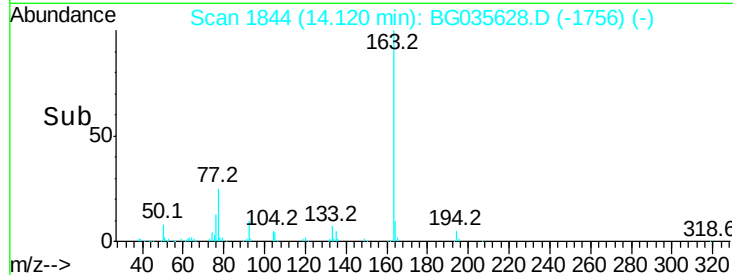
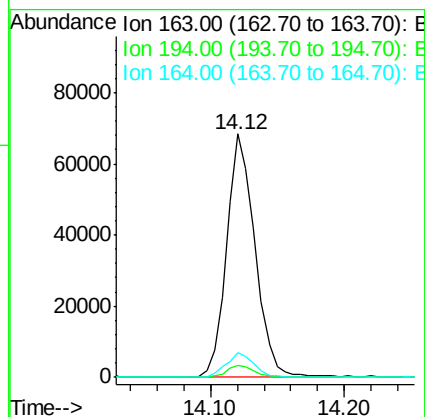




#49
Dimethylphthalate
Concen: 8.336 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BG035628.D
Acq: 13 Jul 2018 14:13

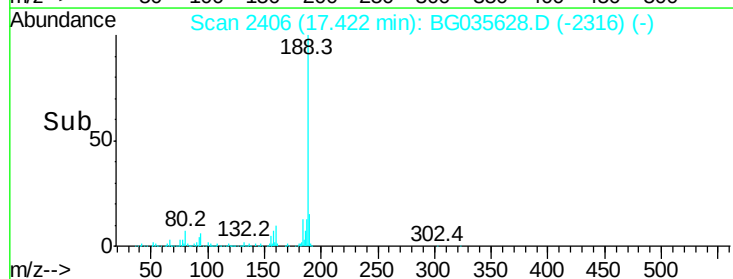
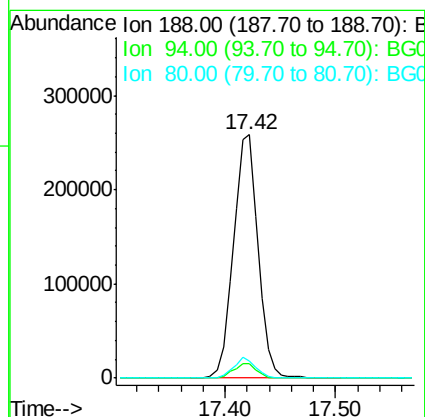
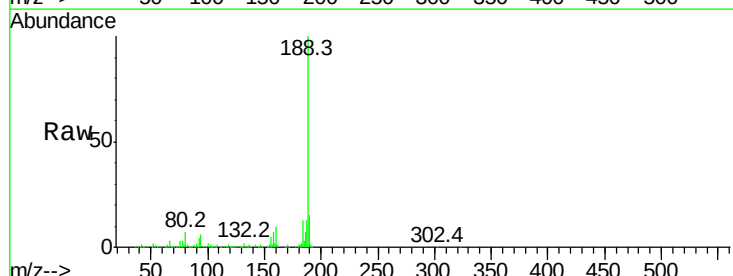
Instrument :
BNA_G
ClientSampleId :
OLD-FOOTING-1

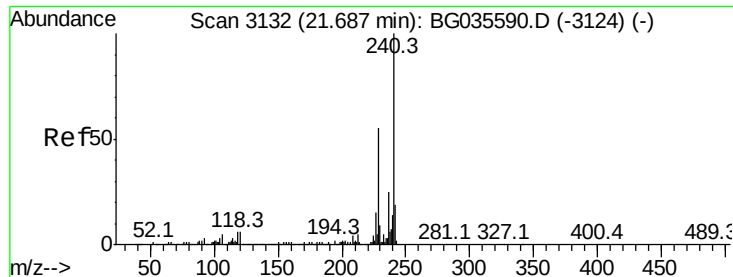
Tot Ion:163 Resp: 102196
Ion Ratio Lower Upper
163 100
194 5.0 3.4 5.2
164 10.4 8.2 12.4



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BG035628.D
Acq: 13 Jul 2018 14:13

Tgt Ion:188 Resp: 403066
Ion Ratio Lower Upper
188 100
94 5.8 6.9 10.3#
80 7.2 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG035628.D

Acq: 13 Jul 2018 14:13

Instrument :

BNA_G

ClientSampleId :

OLD-FOOTING-1

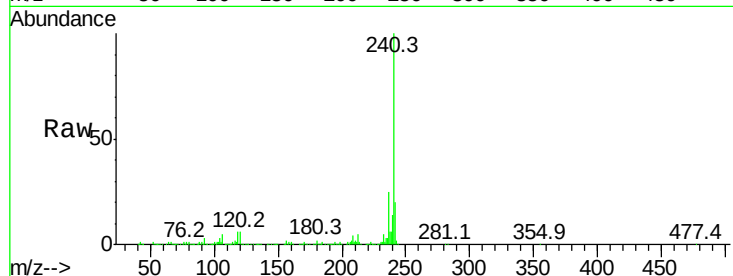
Tot Ion:240 Resp: 425726

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

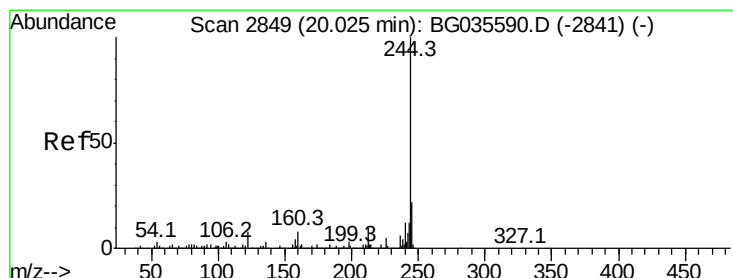
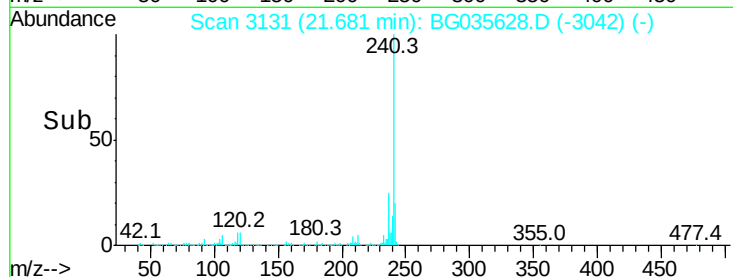
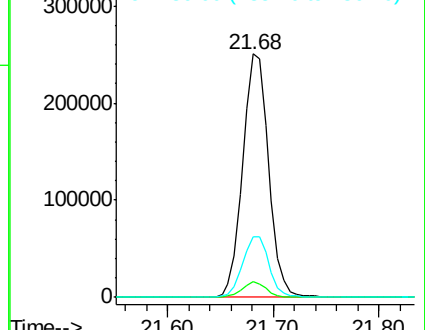
236 24.8 20.9 31.3



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: 91.156 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG035628.D

Acq: 13 Jul 2018 14:13

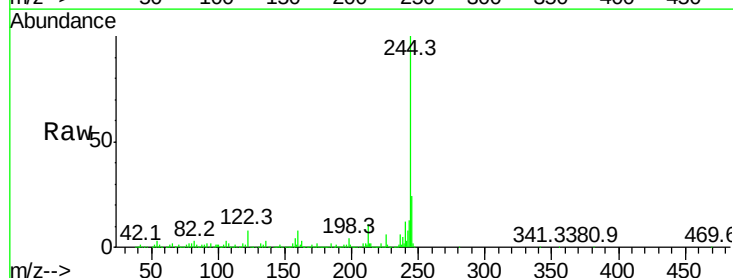
Tgt Ion:244 Resp: 1760526

Ion Ratio Lower Upper

244 100

212 10.7 5.8 8.8#

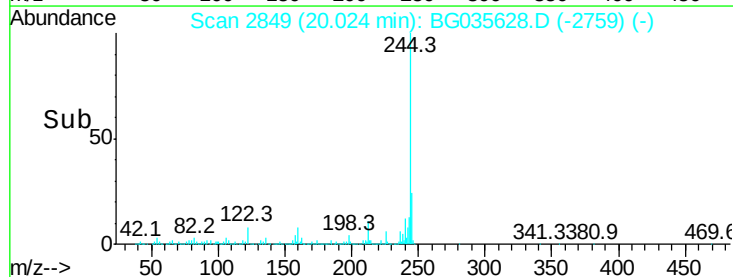
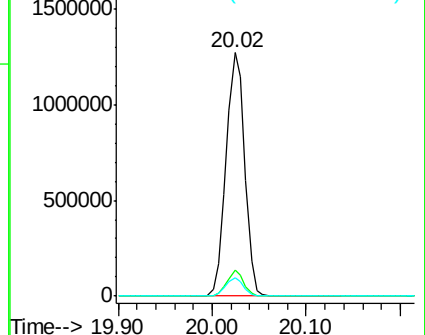
122 7.5 7.0 10.4

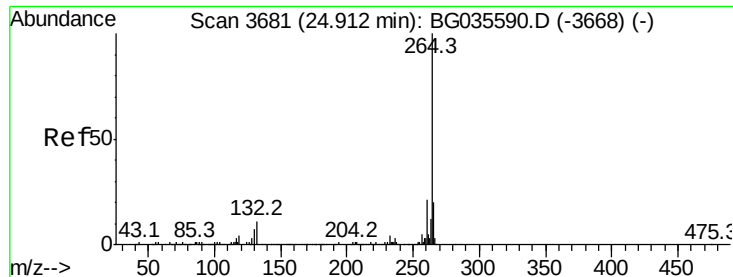


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.91 min Scan# 3680
 Delta R.T. -0.01 min
 Lab File: BG035628.D
 Acq: 13 Jul 2018 14:13

Instrument :
 BNA_G
 ClientSampleId :
 OLD-FOOTING-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	21.8	17.7	26.5

