

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071818\
 Data File : BG035742.D
 Acq On : 19 Jul 2018 7:34
 Operator : JU/SJ
 Sample : J4016-18
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB4-L-12-7

Quant Time: Jul 19 08:46:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 17:45:13 2018
 Response via : Initial Calibration

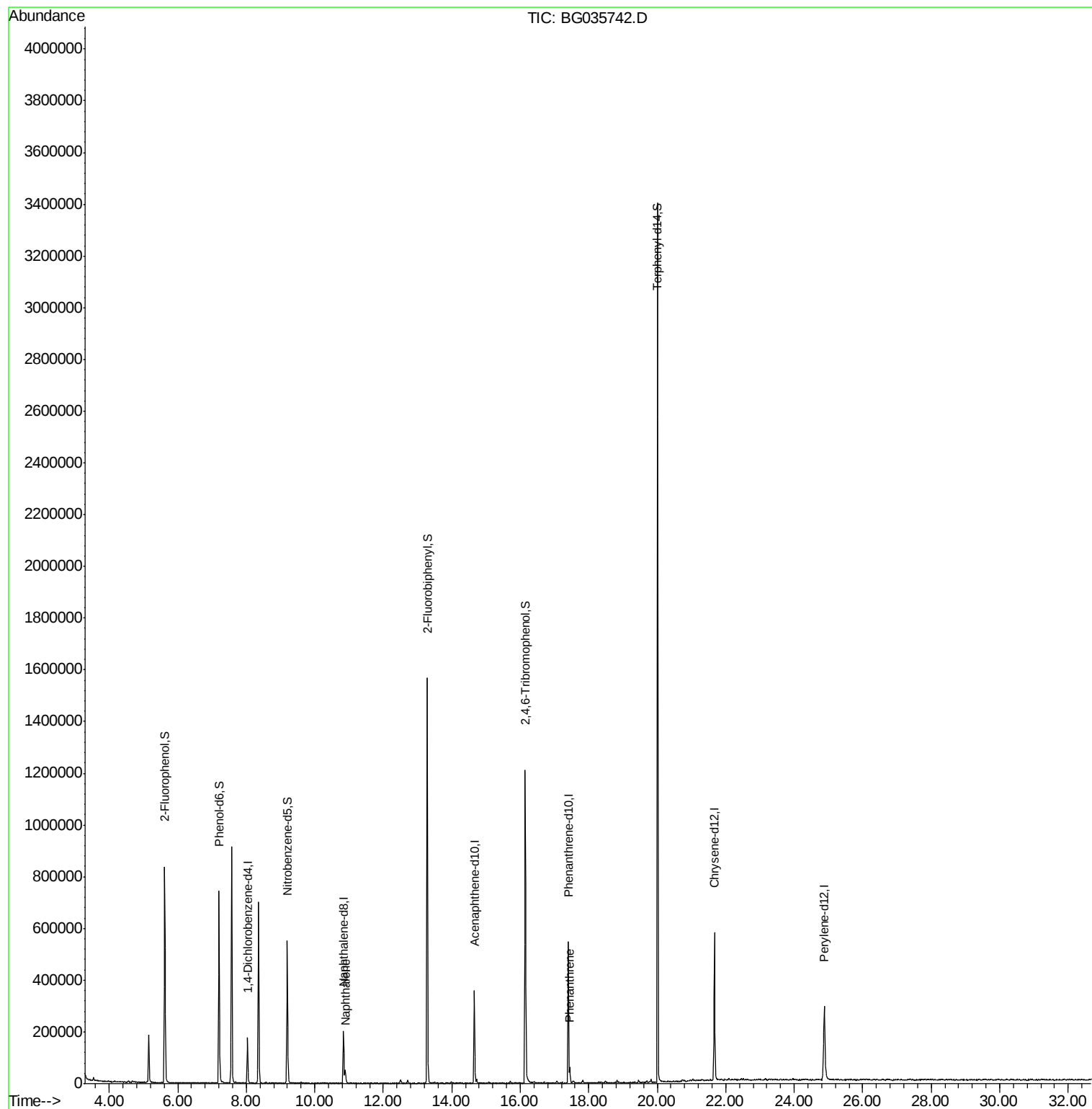
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	48944	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	176163	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	124361	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	351302	20.00	ng	0.00
75) Chrysene-d12	21.67	240	380551	20.00	ng	0.00
86) Perylene-d12	24.88	264	347997	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	359152	121.83	ng	0.00
7) Phenol-d6	7.21	99	454642	103.37	ng	0.00
23) Nitrobenzene-d5	9.20	82	383609	90.97	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	234685	143.17	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	861810	92.84	ng	0.00
78) Terphenyl-d14	20.01	244	1611244	93.33	ng	0.00
Target Compounds						
31) Naphthalene	10.90	128	44208	4.818	ng	98
70) Phenanthrene	17.45	178	36643	2.090	ng	96

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

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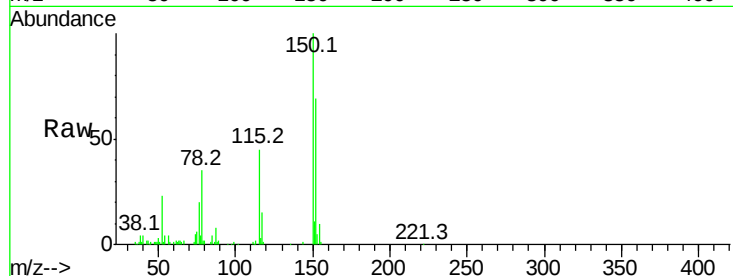


#1

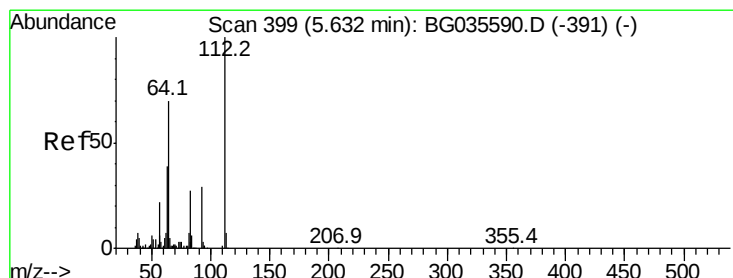
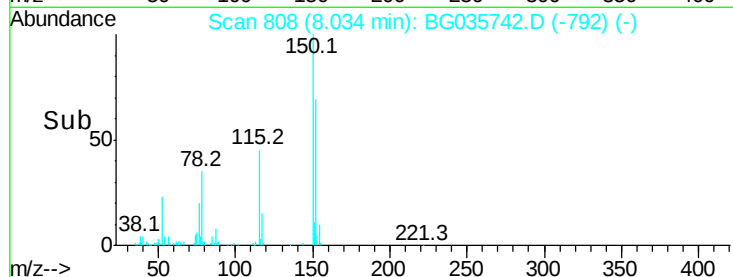
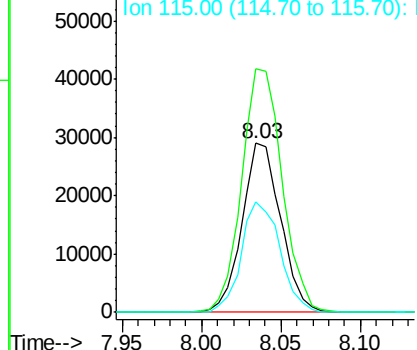
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG035742.D
Acq: 19 Jul 2018 7:34

Instrument :
BNA_G
ClientSampleId :
SB4-L-12-7

Tot Ion:152 Resp: 48944
Ion Ratio Lower Upper
152 100
150 144.2 126.6 189.8
115 65.1 53.0 79.4



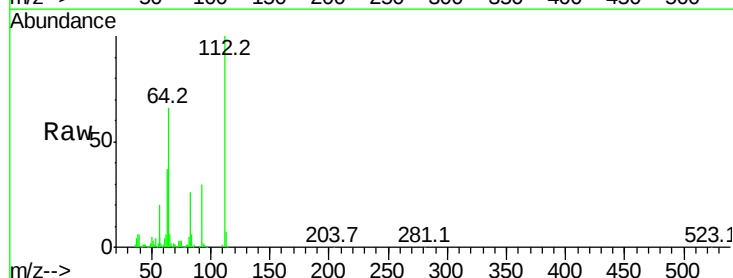
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



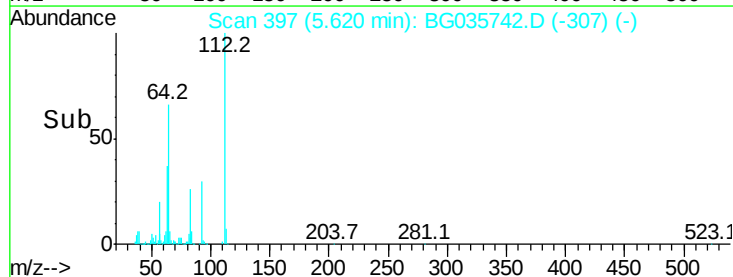
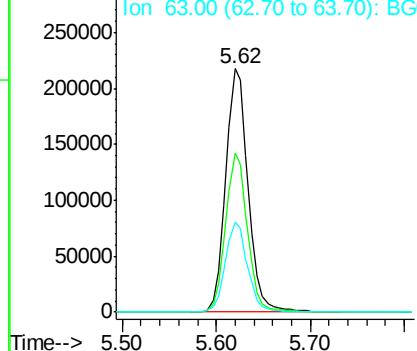
#5

2-Fluorophenol
Concen: 121.828 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG035742.D
Acq: 19 Jul 2018 7:34

Tgt Ion:112 Resp: 359152
Ion Ratio Lower Upper
112 100
64 65.5 56.3 84.5
63 36.8 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: 103.365 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG035742.D

Acq: 19 Jul 2018 7:34

Instrument :

BNA_G

ClientSampleId :

SB4-L-12-7

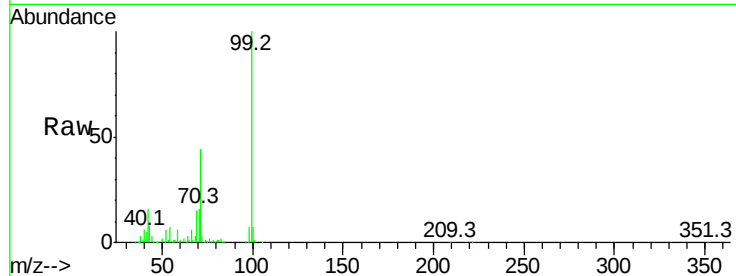
Tot Ion: 99 Resp: 454642

Ion Ratio Lower Upper

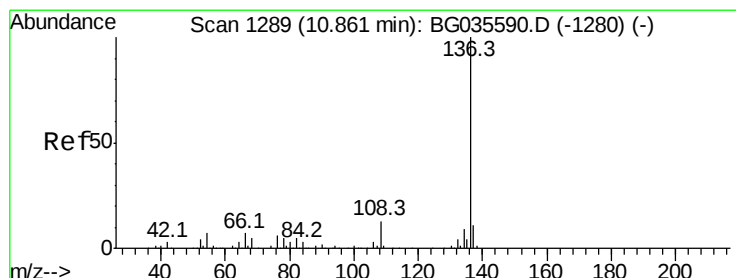
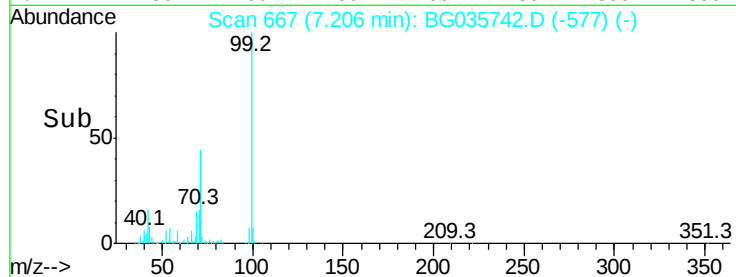
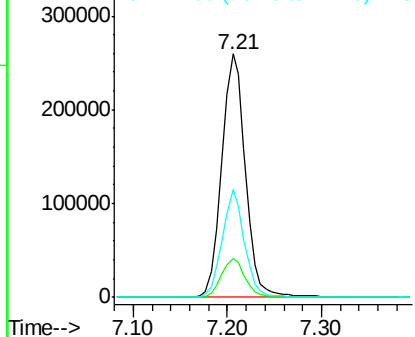
99 100

42 15.7 14.1 21.1

71 44.3 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: 10.84 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BG035742.D

Acq: 19 Jul 2018 7:34

Tgt Ion: 136 Resp: 176163

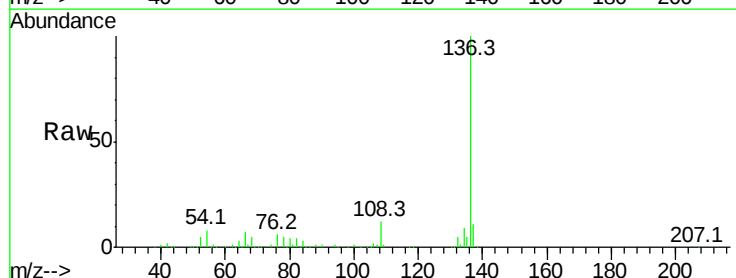
Ion Ratio Lower Upper

136 100

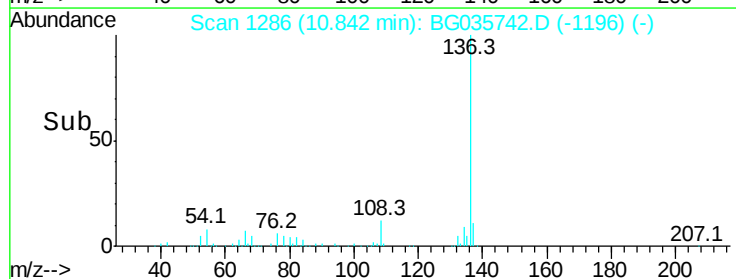
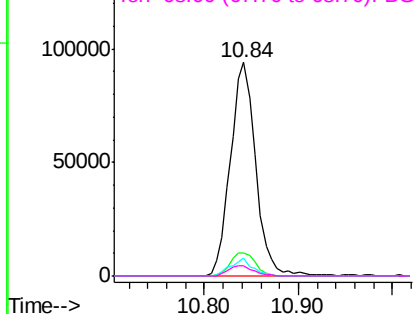
137 10.7 9.2 13.8

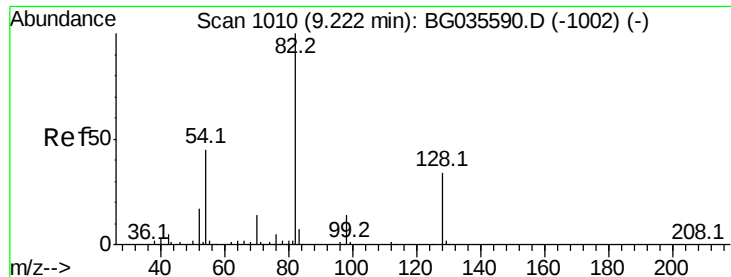
54 8.3 10.3 15.5#

68 4.7 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

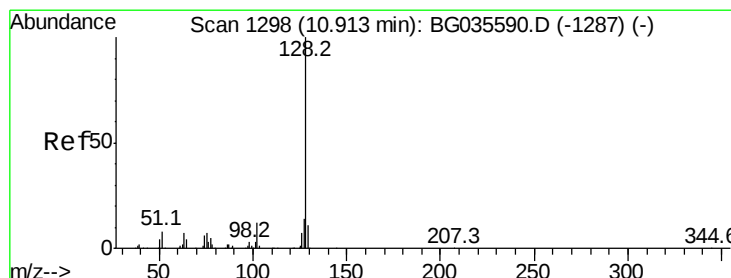
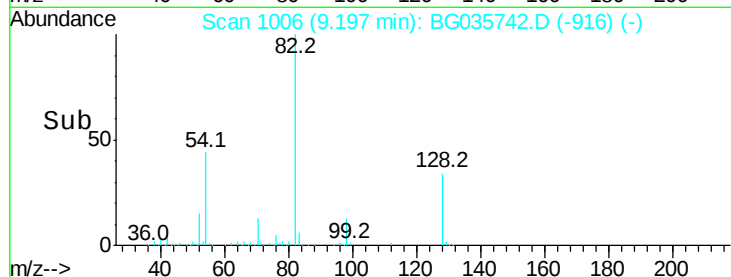
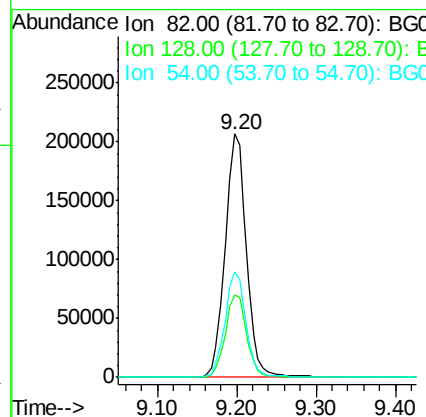
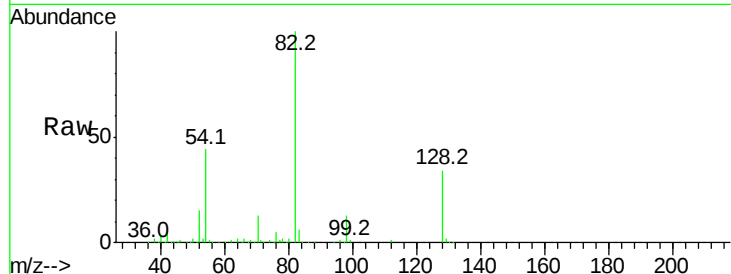




#23
Nitrobenzene-d5
Concen: 90.968 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG035742.D
Acq: 19 Jul 2018 7:34

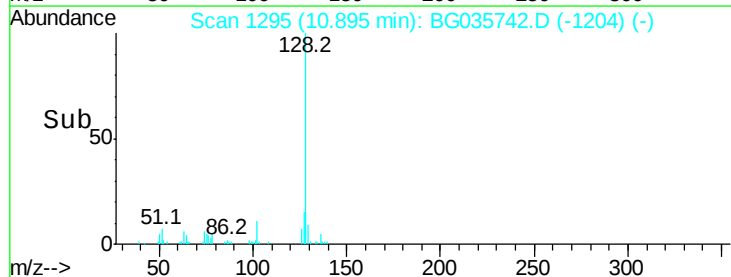
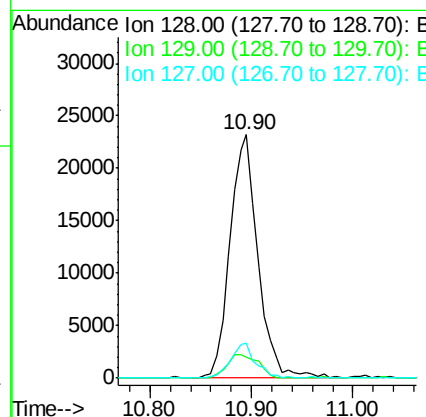
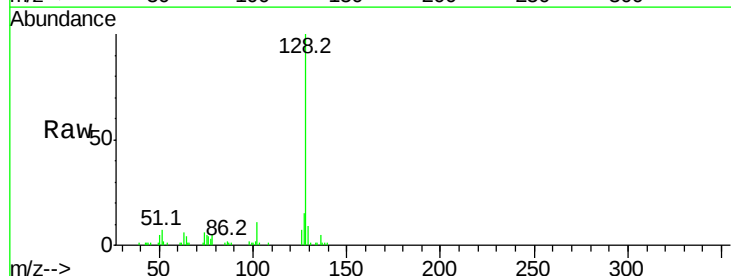
Instrument :
BNA_G
ClientSampleId :
SB4-L-12-7

Tot Ion	82	Resp	383609
Ion	Ratio	Lower	Upper
82	100		
128	33.7	29.7	44.5
54	43.5	43.1	64.7



#31
Naphthalene
Concen: 4.818 ng
RT: 10.90 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BG035742.D
Acq: 19 Jul 2018 7:34

Tgt Ion	128	Resp	44208
Ion	Ratio	Lower	Upper
128	100		
129	8.6	8.6	12.8
127	14.6	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG035742.D

Acq: 19 Jul 2018 7:34

Instrument :

BNA_G

ClientSampleId :

SB4-L-12-7

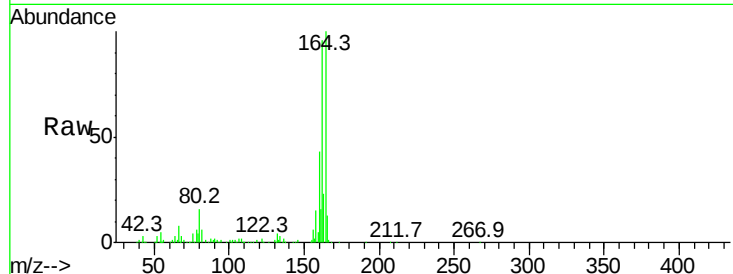
Tot Ion:164 Resp: 124361

Ion Ratio Lower Upper

164 100

162 96.0 78.8 118.2

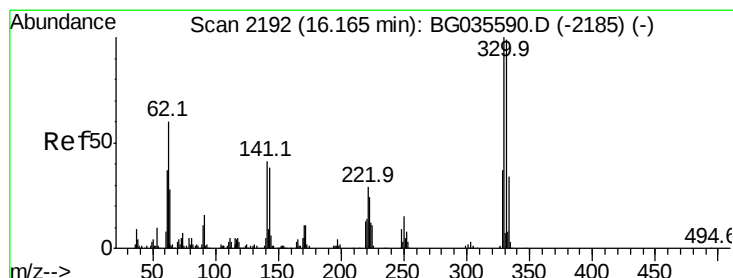
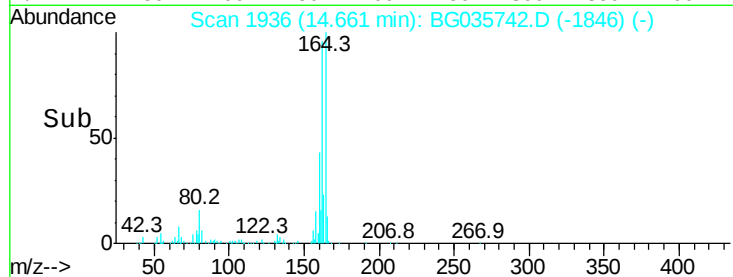
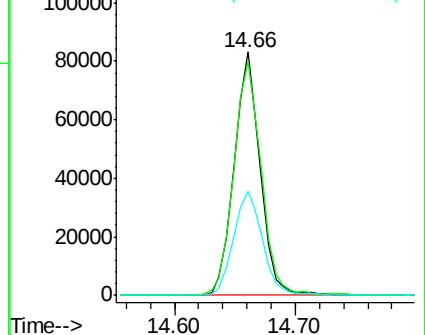
160 42.8 35.4 53.0



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: 143.174 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BG035742.D

Acq: 19 Jul 2018 7:34

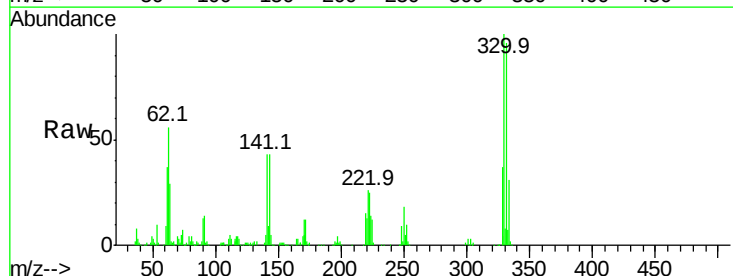
Tgt Ion:330 Resp: 234685

Ion Ratio Lower Upper

330 100

332 93.5 77.0 115.6

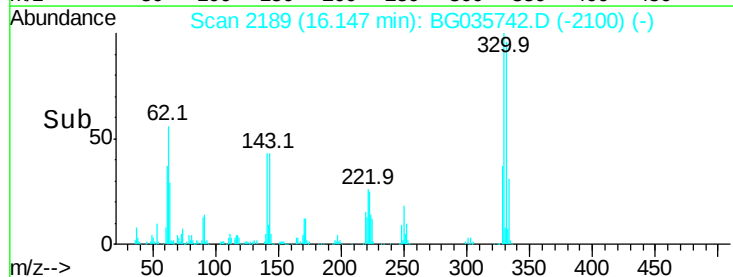
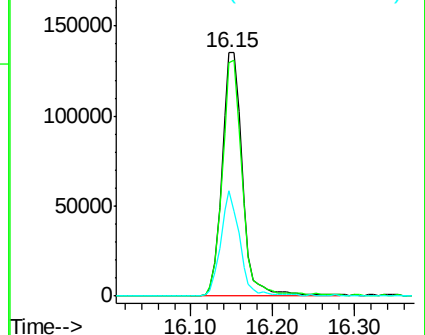
141 39.8 25.2 37.8#

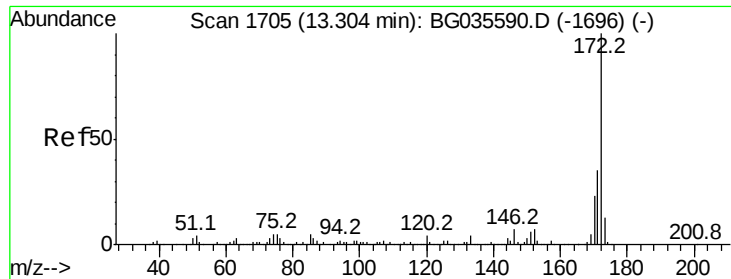


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

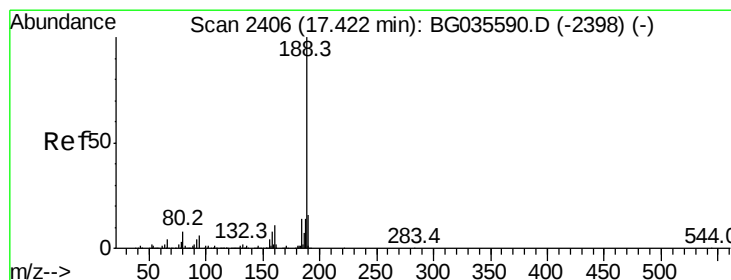
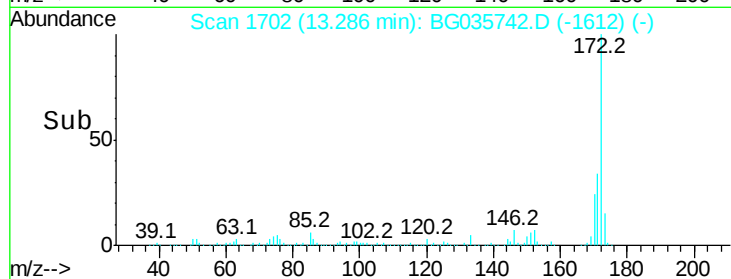
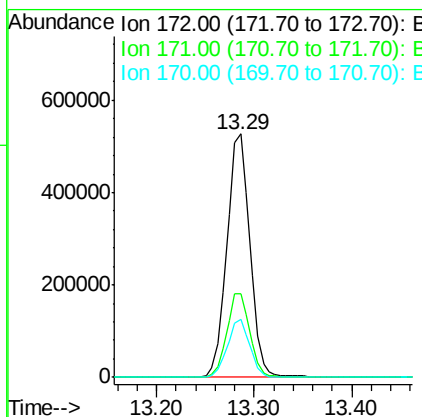
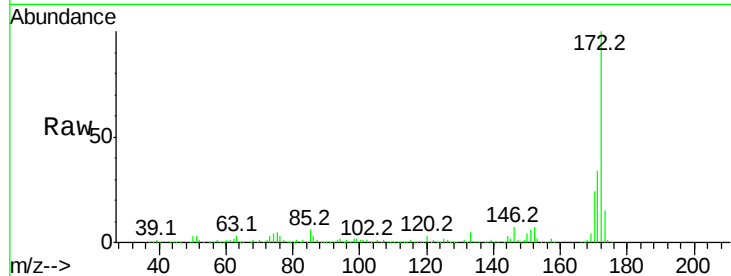




#44
 2-Fluorobiphenyl
 Concen: 92.843 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG035742.D
 Acq: 19 Jul 2018 7:34

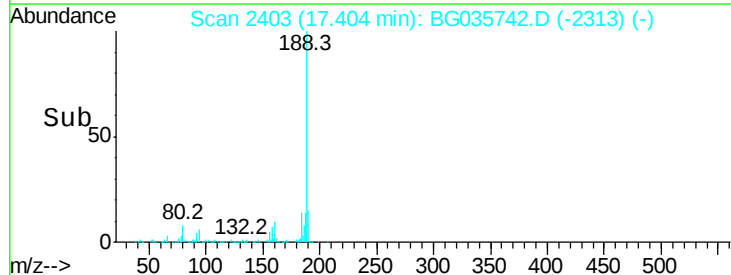
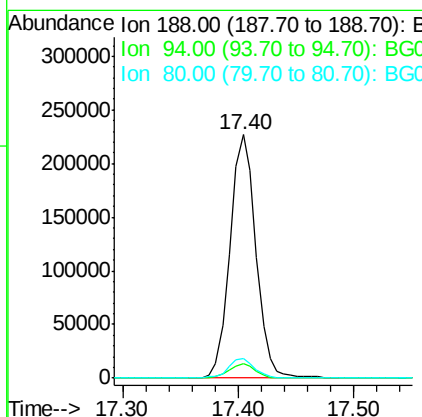
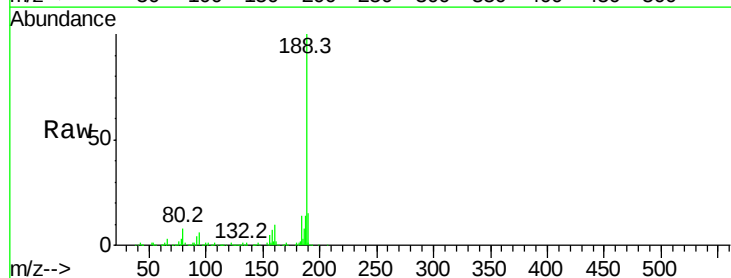
Instrument :
 BNA_G
 ClientSampleId :
 SB4-L-12-7

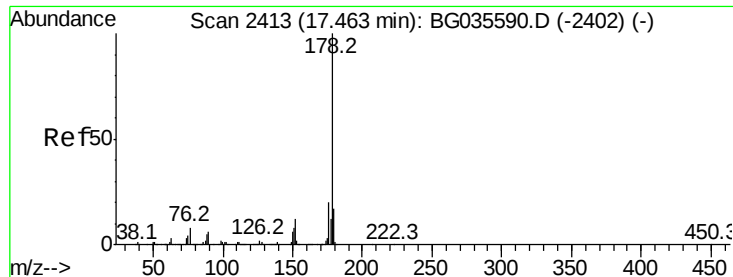
Tot Ion:172 Resp: 861810
 Ion Ratio Lower Upper
 172 100
 171 34.5 30.0 45.0
 170 23.9 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2403
 Delta R.T. -0.00 min
 Lab File: BG035742.D
 Acq: 19 Jul 2018 7:34

Tgt Ion:188 Resp: 351302
 Ion Ratio Lower Upper
 188 100
 94 6.0 6.9 10.3#
 80 7.9 7.7 11.5

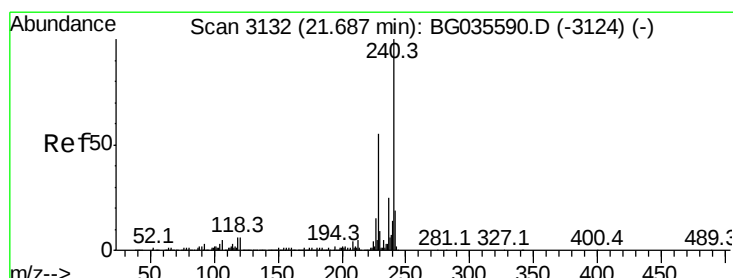
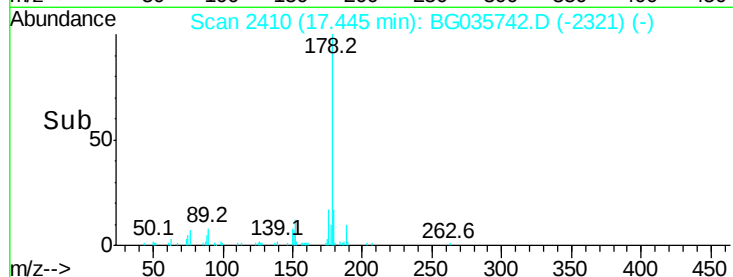
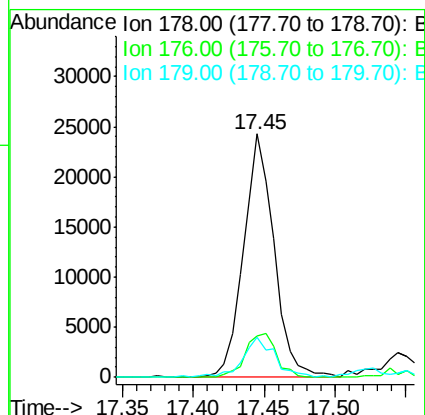
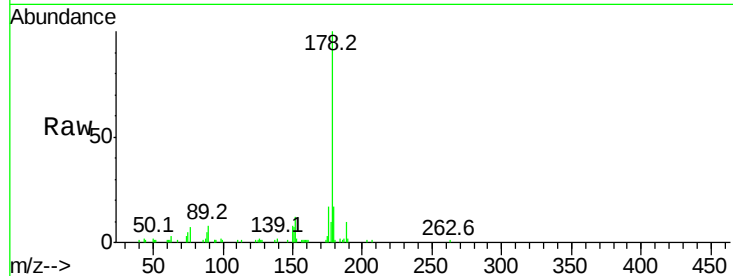




#70
Phenanthrene
Concen: 2.090 ng
RT: 17.45 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BG035742.D
Acq: 19 Jul 2018 7:34

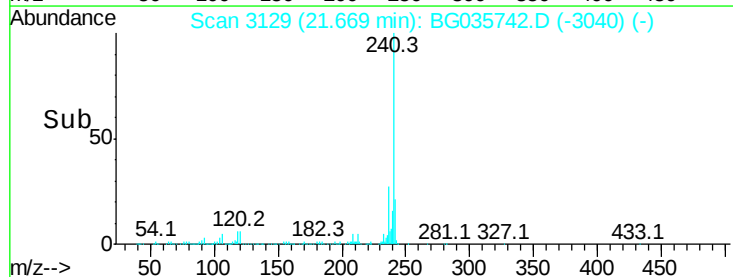
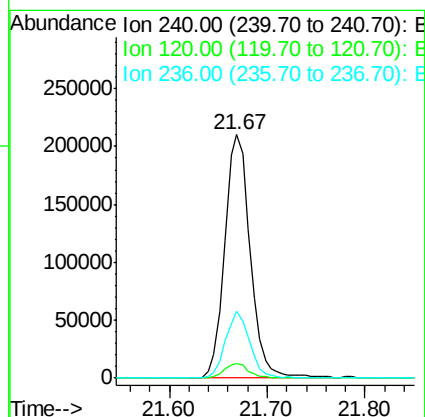
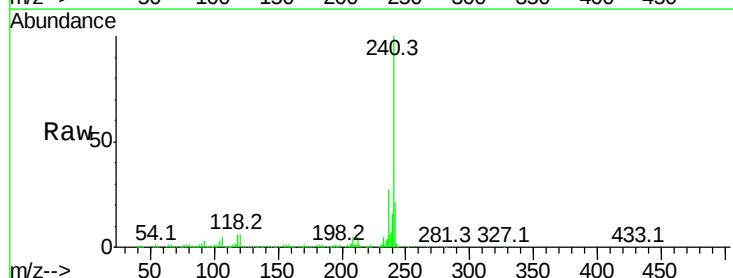
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BNA_G
ClientSampleId :
SB4-L-12-7

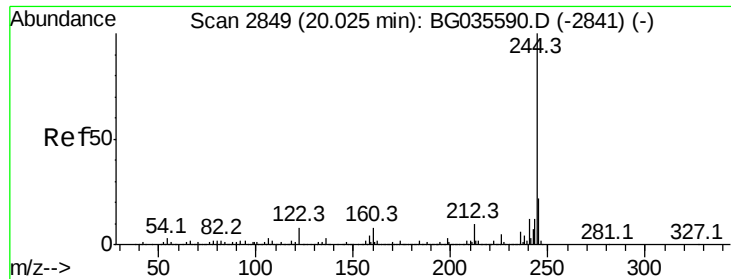
Tot Ion:178 Resp: 36643
Ion Ratio Lower Upper
178 100
176 17.2 15.7 23.5
179 16.7 12.5 18.7



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BG035742.D
Acq: 19 Jul 2018 7:34

Tgt Ion:240 Resp: 380551
Ion Ratio Lower Upper
240 100
120 5.7 6.8 10.2#
236 27.3 20.9 31.3





#78

Terphenyl-d14

Concen: 93.330 ng

RT: 20.01 min Scan# 2847

Delta R.T. -0.00 min

Lab File: BG035742.D

Acq: 19 Jul 2018 7:34

Instrument :

BNA_G

ClientSampleId :

SB4-L-12-7

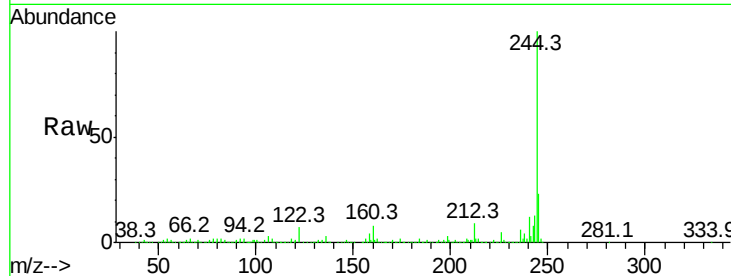
Tot Ion:244 Resp: 1611244

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

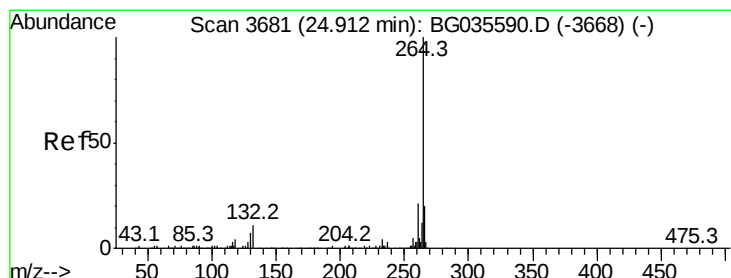
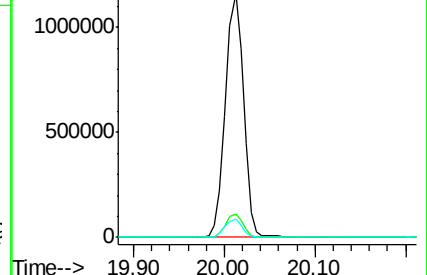
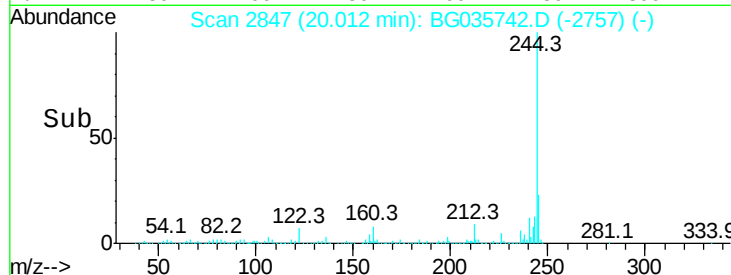
122 7.4 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 24.88 min Scan# 3675

Delta R.T. -0.01 min

Lab File: BG035742.D

Acq: 19 Jul 2018 7:34

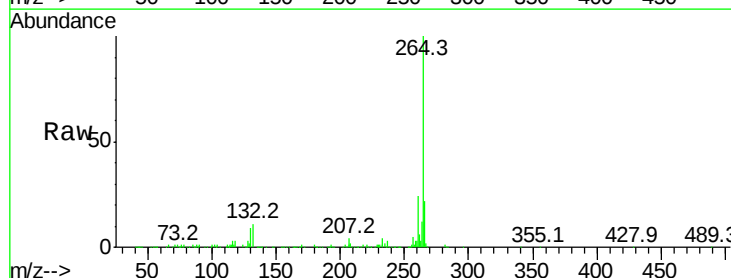
Tgt Ion:264 Resp: 347997

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

265 21.5 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

