

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071818\
 Data File : BG035725.D
 Acq On : 18 Jul 2018 20:12
 Operator : JU/SJ
 Sample : J4012-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FS-RT-4917

Quant Time: Jul 19 02:20:22 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	8.04	152	48392	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	168283	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	119563	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	331663	20.00	ng	0.00
75) Chrysene-d12	21.67	240	378041	20.00	ng	0.00
86) Perylene-d12	24.88	264	356363	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	359962	123.50	ng	0.00
7) Phenol-d6	7.21	99	467285	107.45	ng	0.00
23) Nitrobenzene-d5	9.20	82	370572	91.99	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	228137	144.76	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	803872	90.08	ng	0.00
78) Terphenyl-d14	20.01	244	1611138	93.94	ng	0.00

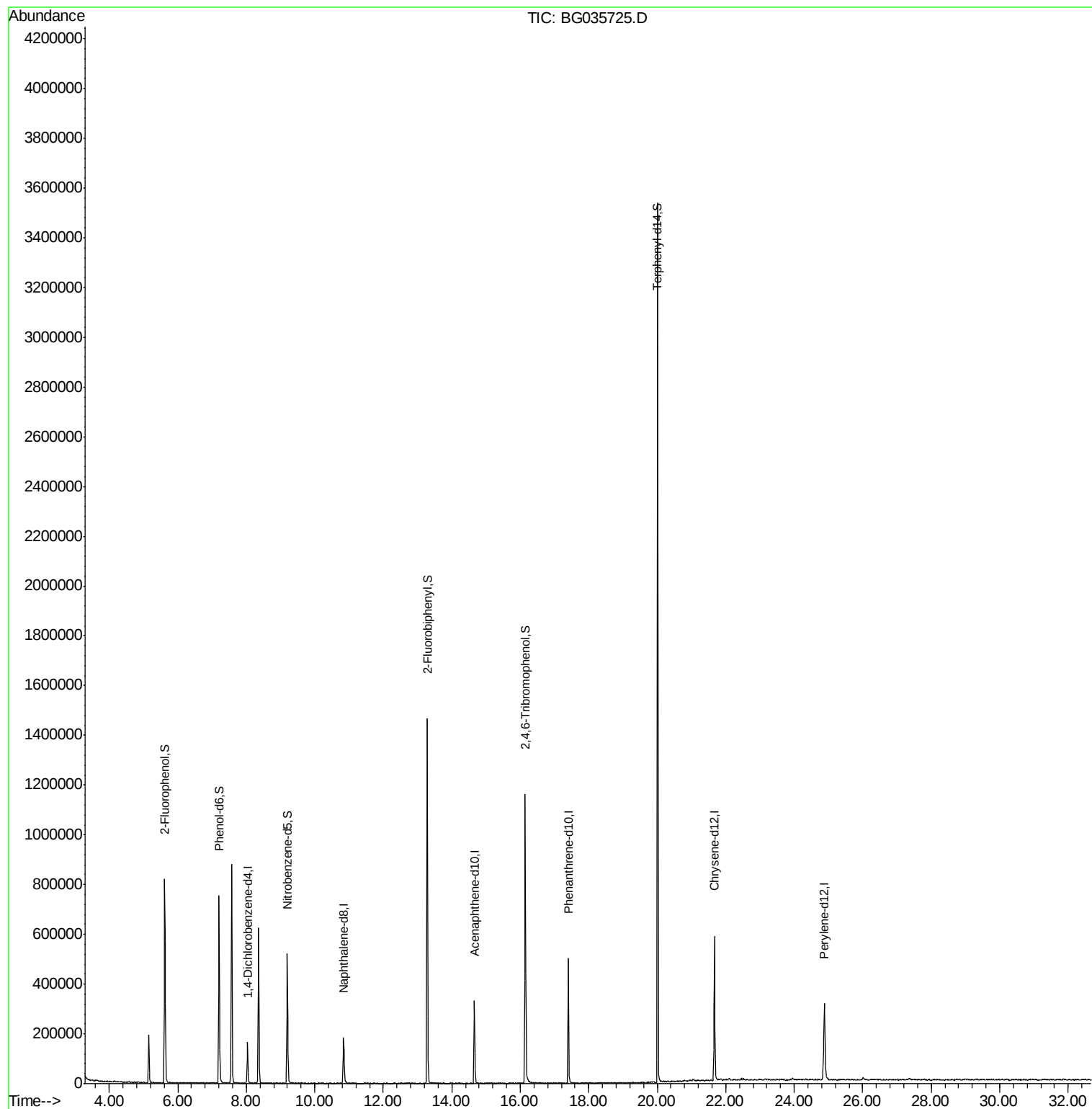
Target Compounds Qvalue

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

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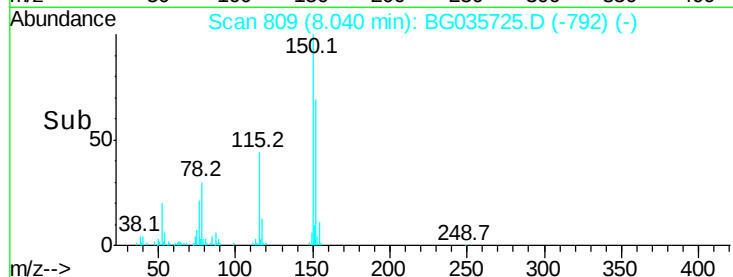
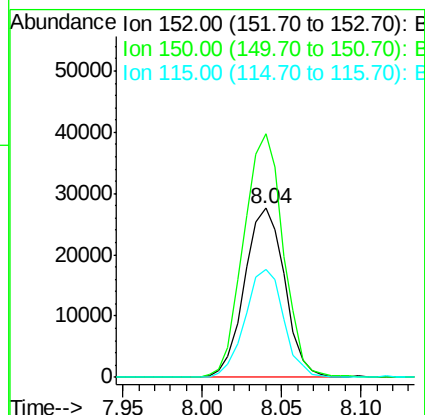
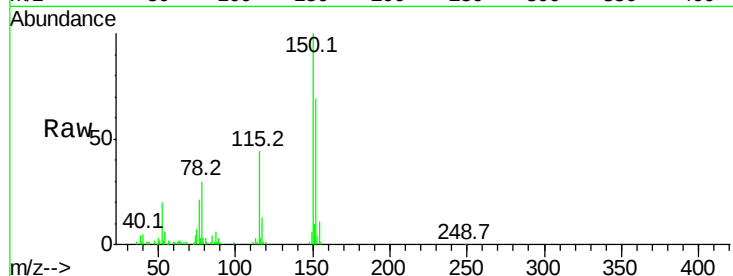


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG035725.D
Acq: 18 Jul 2018 20:12

Instrument :
BNA_G
ClientSampleId :
FS-RT-4917

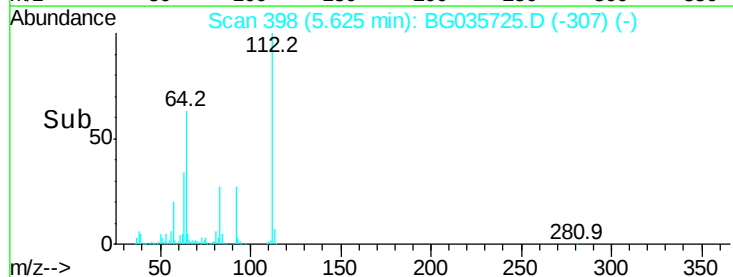
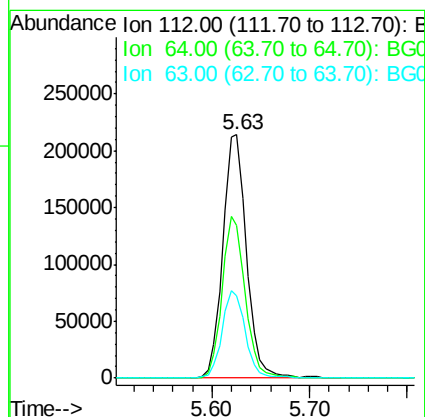
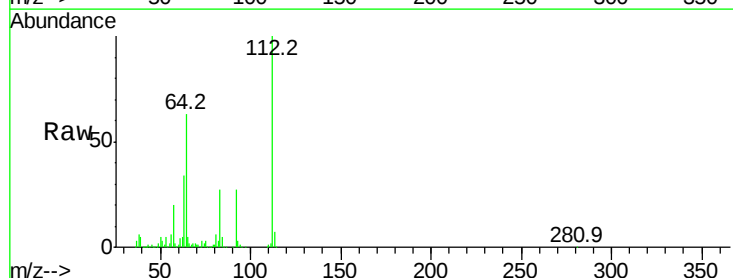
Tot Ion:152 Resp: 48392
Ion Ratio Lower Upper
152 100
150 144.3 126.6 189.8
115 64.1 53.0 79.4

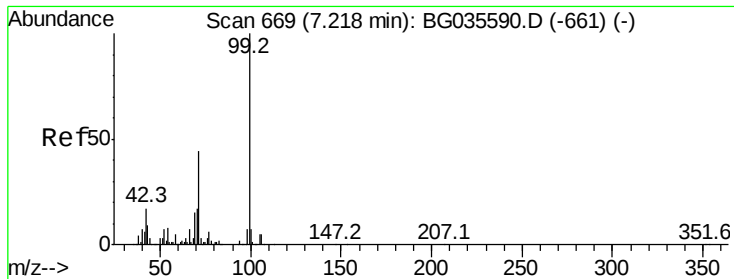


#5

2-Fluorophenol
Concen: 123.496 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.01 min
Lab File: BG035725.D
Acq: 18 Jul 2018 20:12

Tgt Ion:112 Resp: 359962
Ion Ratio Lower Upper
112 100
64 62.5 56.3 84.5
63 33.7 30.1 45.1





#7

Phenol-d6

Concen: 107.451 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG035725.D

Acq: 18 Jul 2018 20:12

Instrument :

BNA_G

ClientSampleId :

FS-RT-4917

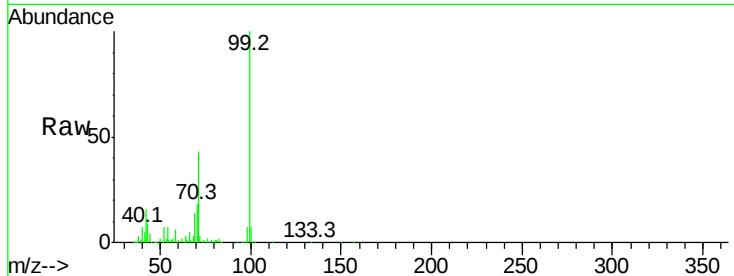
Tot Ion: 99 Resp: 467285

Ion Ratio Lower Upper

99 100

42 16.3 14.1 21.1

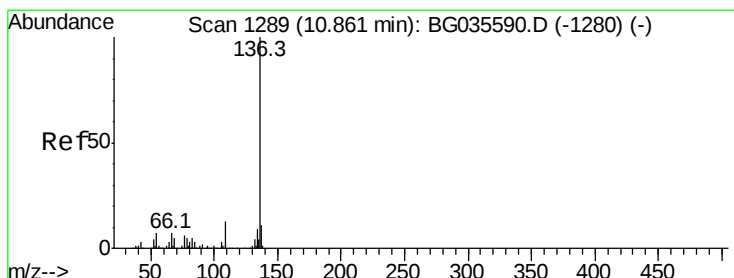
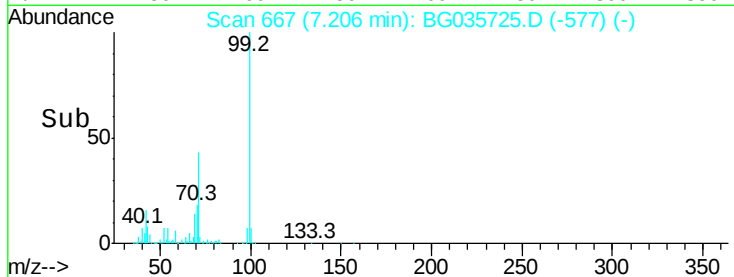
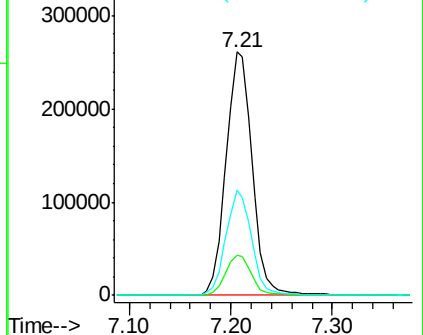
71 43.0 26.1 39.1#



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: BG035725.D

Acq: 18 Jul 2018 20:12

Tgt Ion:136 Resp: 168283

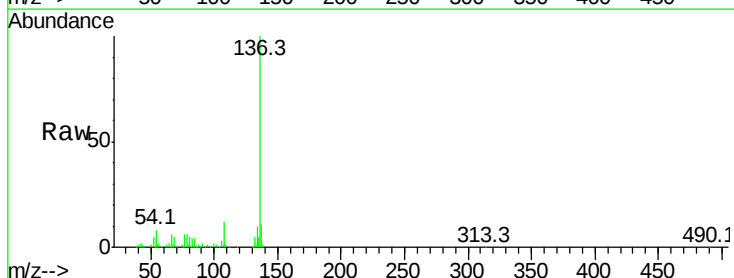
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 7.6 10.3 15.5#

68 5.5 4.5 6.7

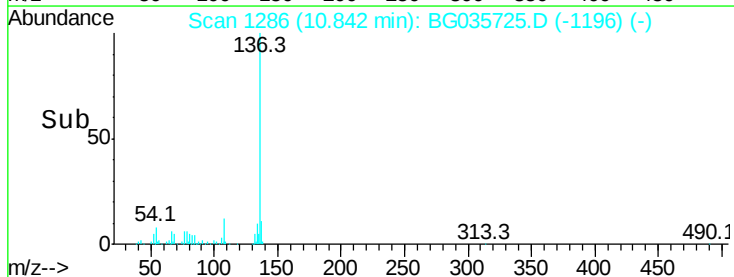
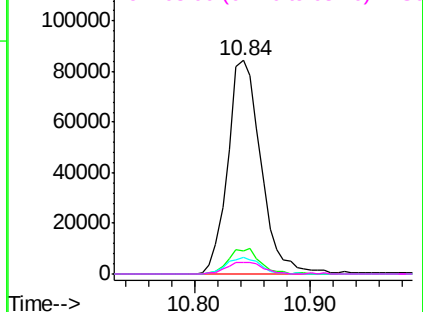


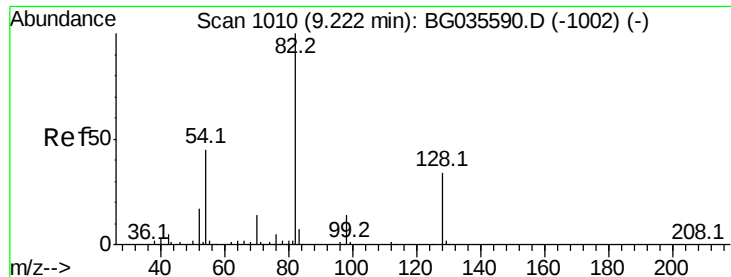
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

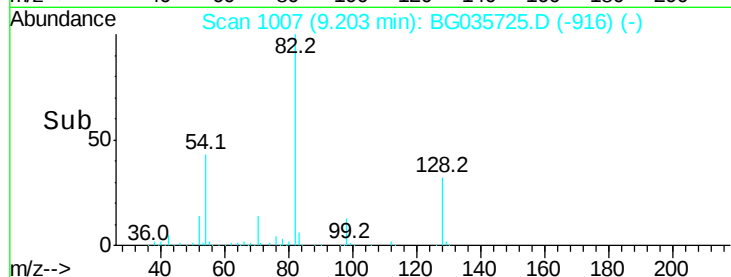
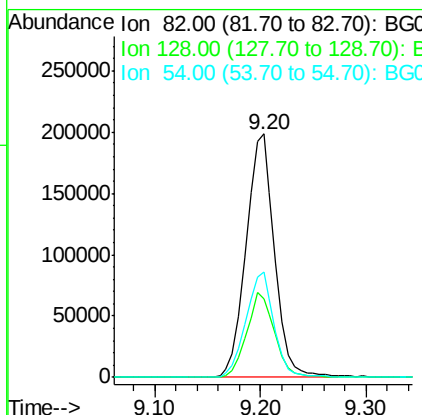
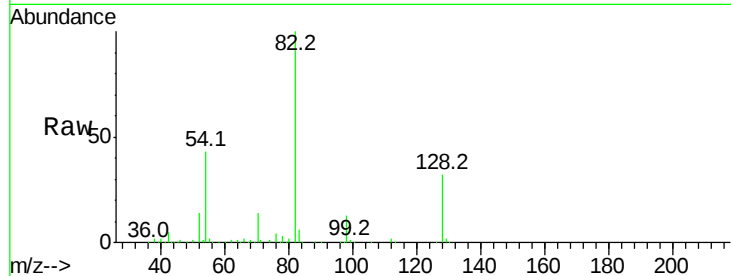




#23
Nitrobenzene-d5
Concen: 91.991 ng
RT: 9.20 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BG035725.D
Acq: 18 Jul 2018 20:12

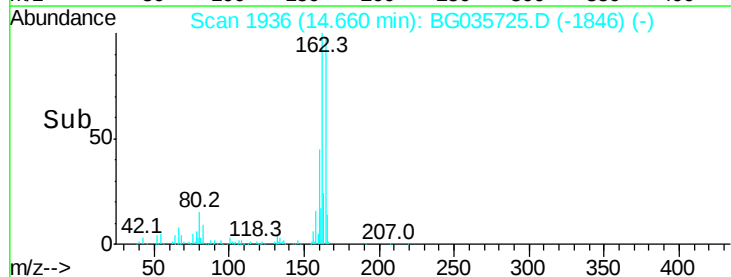
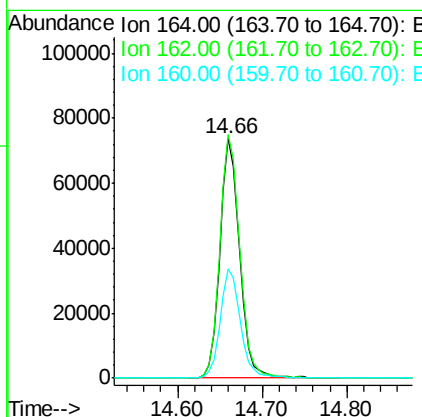
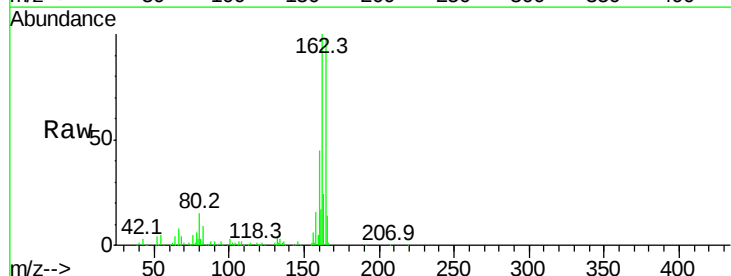
Instrument :
BNA_G
ClientSampleId :
FS-RT-4917

Tot Ion: 82 Resp: 370572
Ion Ratio Lower Upper
82 100
128 32.3 29.7 44.5
54 43.4 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.00 min
Lab File: BG035725.D
Acq: 18 Jul 2018 20:12

Tgt Ion:164 Resp: 119563
Ion Ratio Lower Upper
164 100
162 101.7 78.8 118.2
160 45.3 35.4 53.0

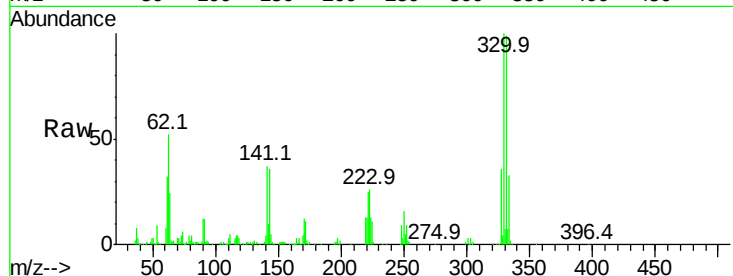




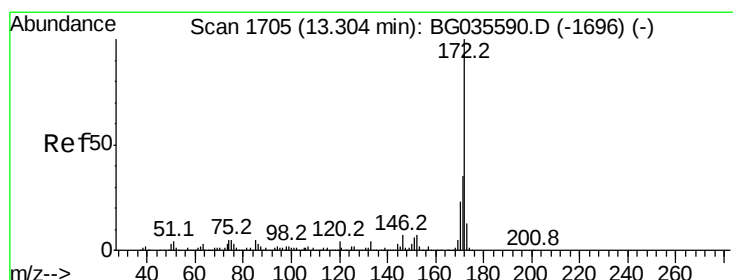
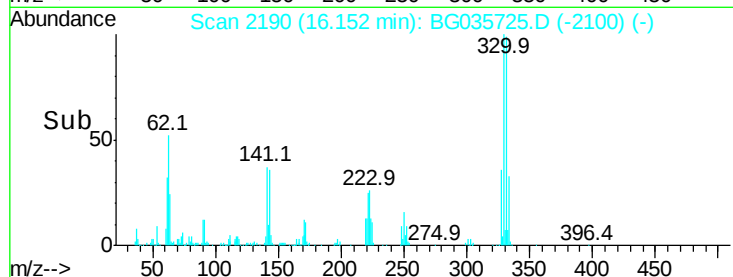
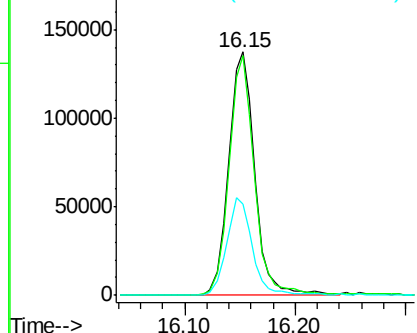
#41
 2,4,6-Tribromophenol
 Concen: 144.765 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.00 min
 Lab File: BG035725.D
 Acq: 18 Jul 2018 20:12

Instrument :
 BNA_G
 ClientSampleId :
 FS-RT-4917

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	38.9	25.2	37.8#

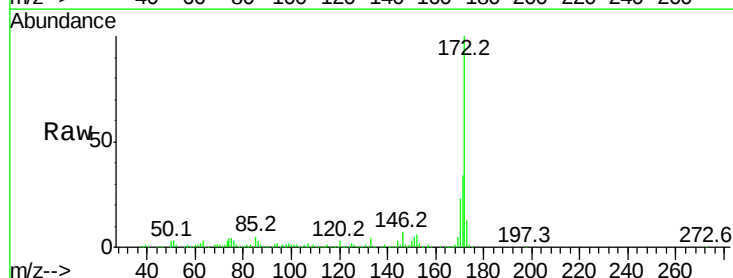


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

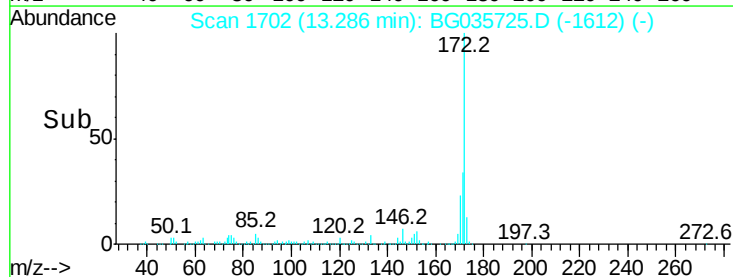
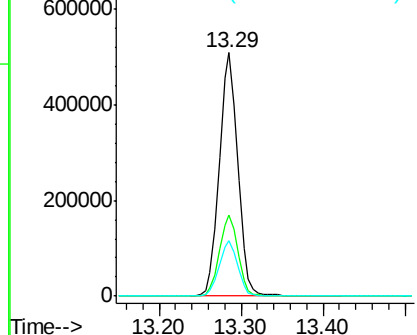


#44
 2-Fluorobiphenyl
 Concen: 90.076 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG035725.D
 Acq: 18 Jul 2018 20:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.5	30.0	45.0
170	22.7	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

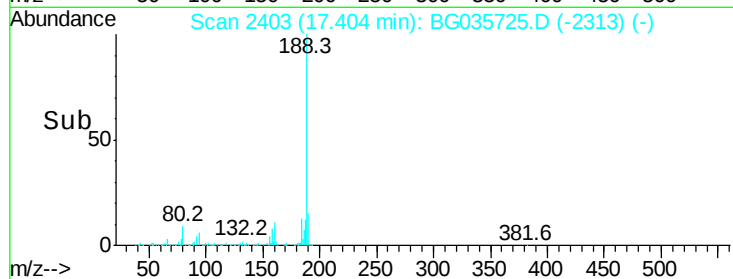
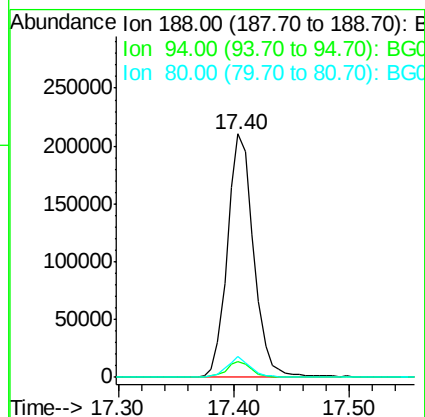
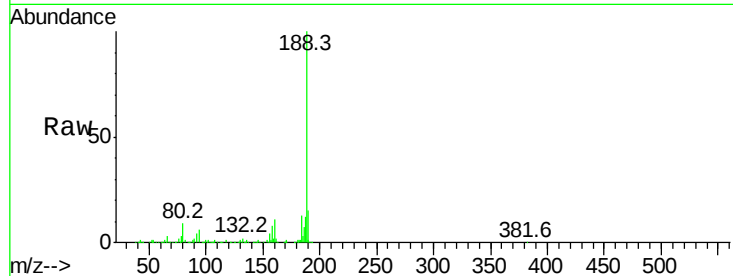




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2403
Delta R.T. -0.00 min
Lab File: BG035725.D
Acq: 18 Jul 2018 20:12

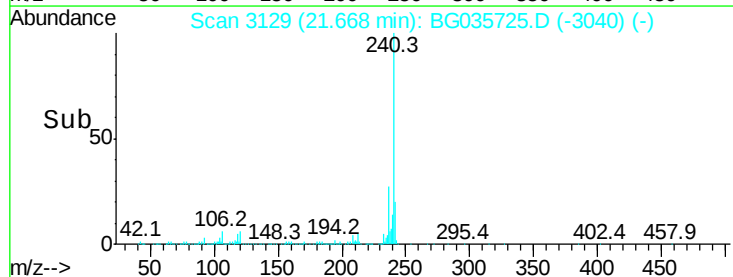
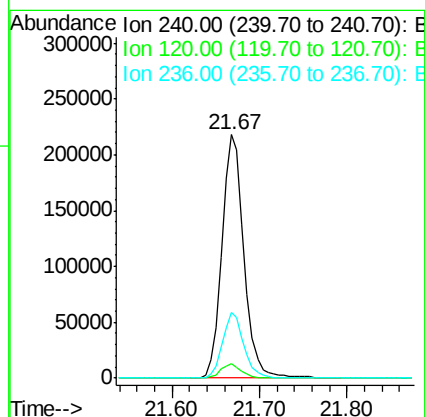
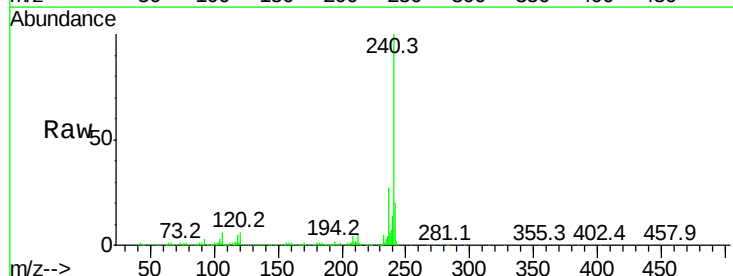
Instrument :
BNA_G
ClientSampled :
FS-RT-4917

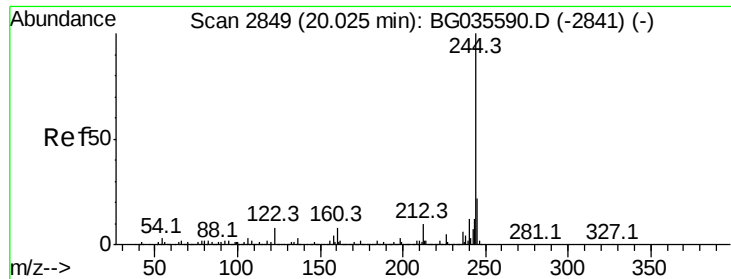
Tot Ion:188 Resp: 331663
Ion Ratio Lower Upper
188 100
94 6.4 6.9 10.3#
80 8.7 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BG035725.D
Acq: 18 Jul 2018 20:12

Tgt Ion:240 Resp: 378041
Ion Ratio Lower Upper
240 100
120 5.9 6.8 10.2#
236 26.8 20.9 31.3



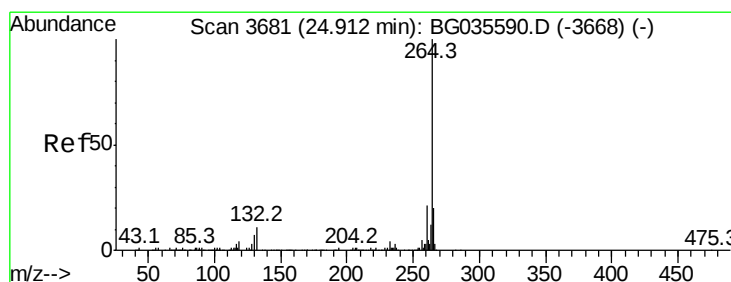
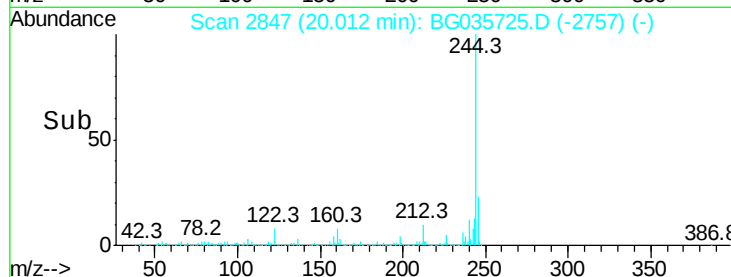
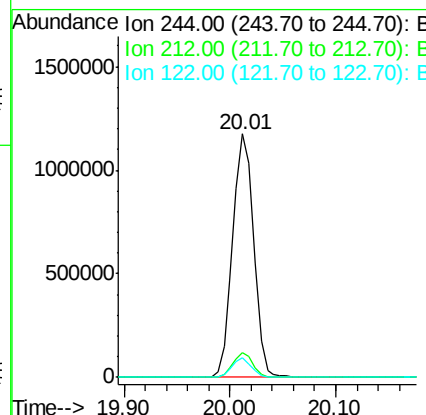
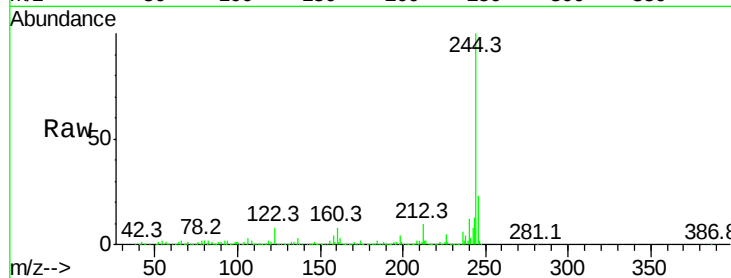


#78
 Terphenyl-d14
 Concen: 93.943 ng
 RT: 20.01 min Scan# 2847
 Delta R.T. -0.00 min
 Lab File: BG035725.D
 Acq: 18 Jul 2018 20:12

Instrument :
 BNA_G
 ClientSampleId :
 FS-RT-4917

Tot Ion:244 Resp: 1611138

Ion	Ratio	Lower	Upper
244	100		
212	10.2	5.8	8.8#
122	8.0	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3675
 Delta R.T. -0.01 min
 Lab File: BG035725.D
 Acq: 18 Jul 2018 20:12

Tgt Ion:264 Resp: 356363

Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.4	26.0
265	20.7	17.7	26.5

