

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
 Data File : BG036216.D
 Acq On : 9 Aug 2018 3:55
 Operator : JU/SJ
 Sample : J4276-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-080718

Quant Time: Aug 09 08:03:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	28886	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	99132	20.00	ng	-0.01
38) Acenaphthene-d10	14.64	164	71631	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	198693	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	215269	20.00	ng	-0.01
86) Perylene-d12	24.84	264	192297	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	233976	134.48	ng	0.00
7) Phenol-d6	7.18	99	295437	113.81	ng	-0.01
23) Nitrobenzene-d5	9.17	82	248951	104.91	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	168284	178.24	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	570222	106.65	ng	-0.02
78) Terphenyl-d14	19.99	244	1158504	118.63	ng	-0.01

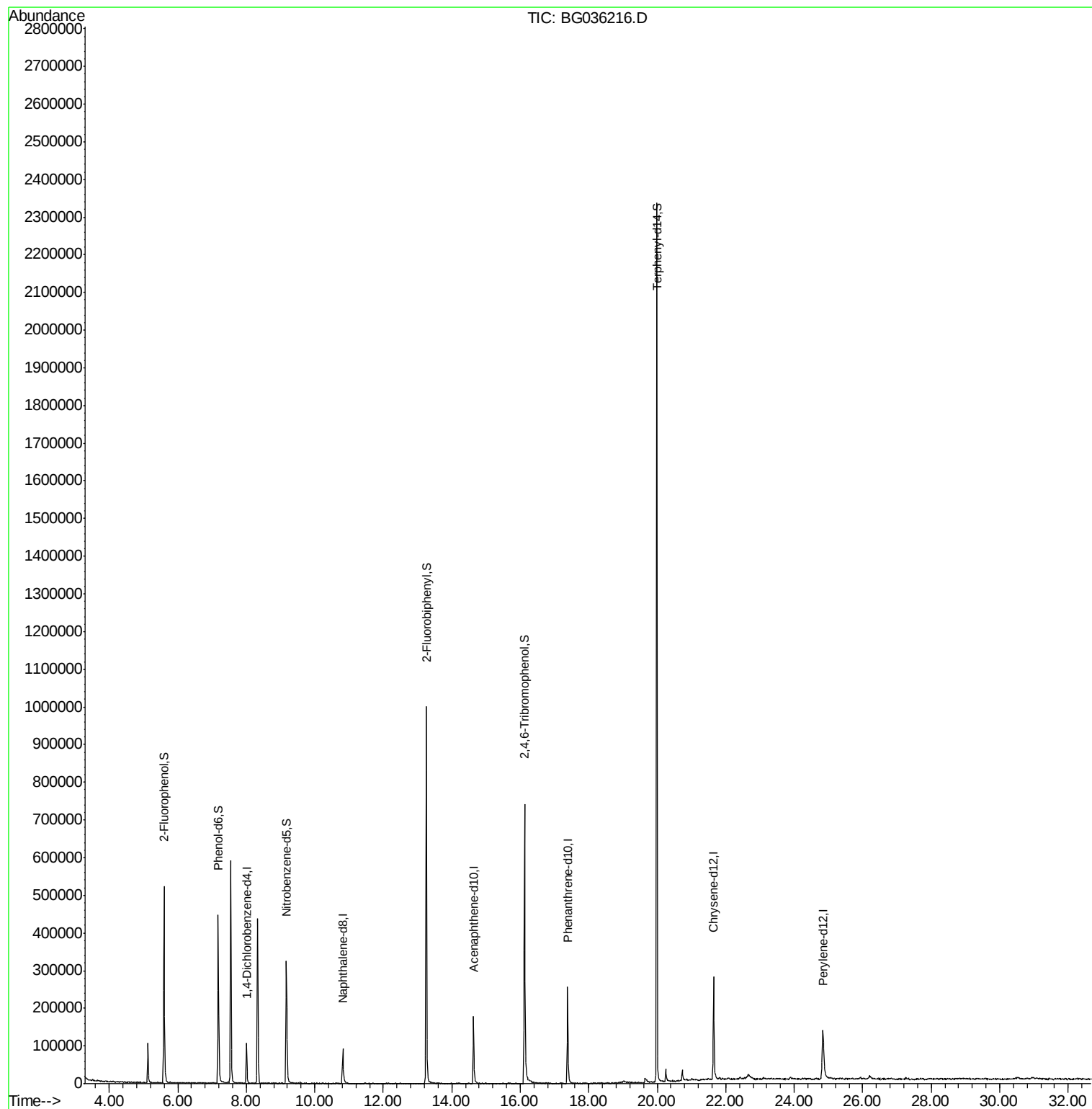
Target Compounds Qvalue

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

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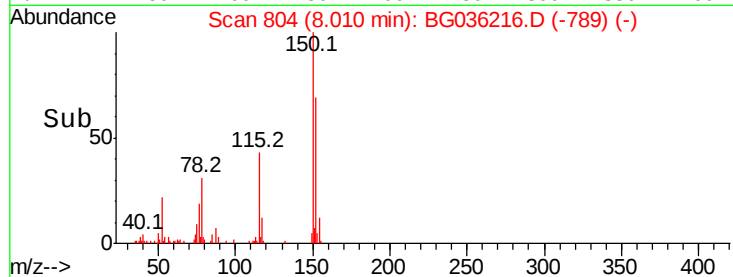
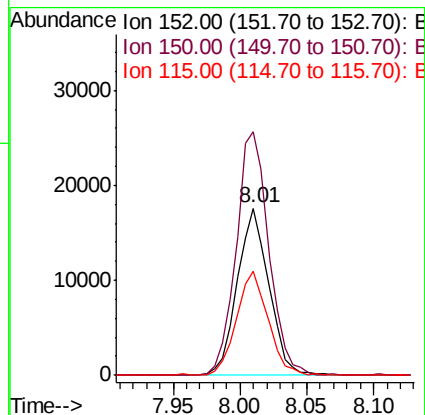
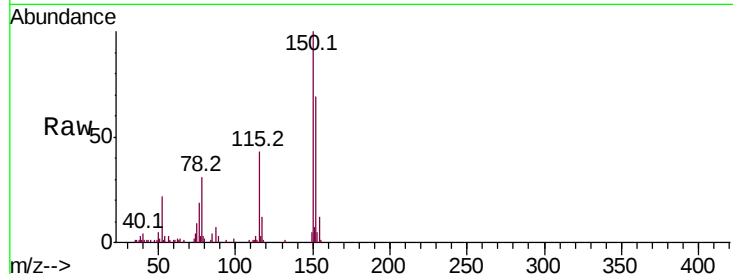


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036216.D
Acq: 9 Aug 2018 3:55

Instrument :
BNA_G
ClientSampleId :
OK-02-080718

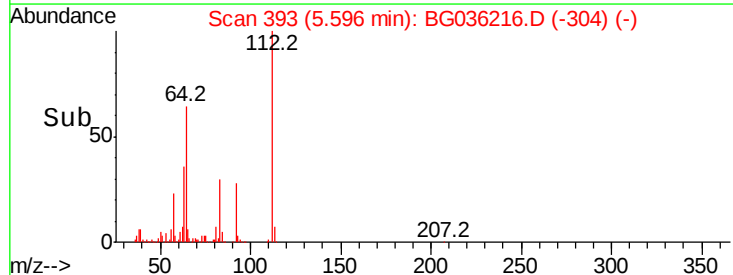
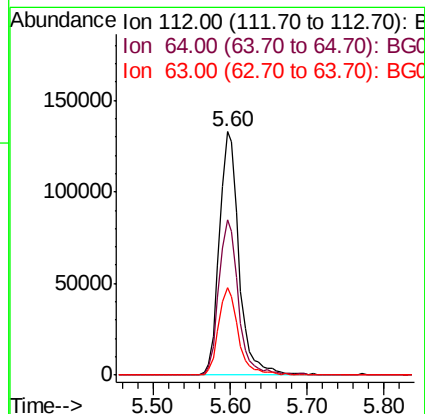
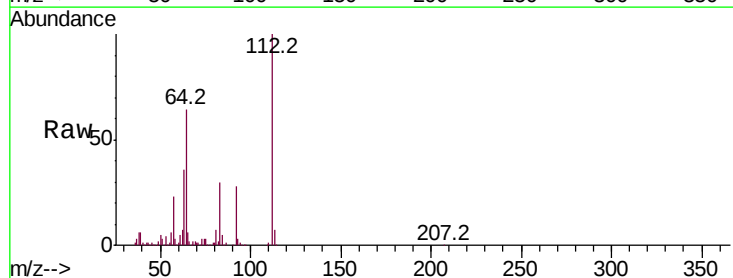
Tot Ion	Ratio	Lower	Upper
152	100		
150	145.8	126.6	189.8
115	62.6	53.0	79.4

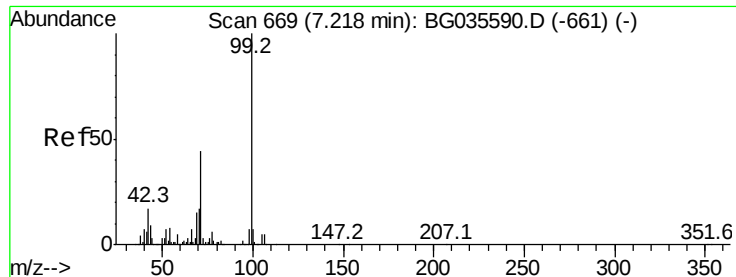


#5

2-Fluorophenol
Concen: 134.479 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036216.D
Acq: 9 Aug 2018 3:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	56.3	84.5
63	36.0	30.1	45.1





#7

Phenol-d6

Concen: 113.810 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036216.D

Acq: 9 Aug 2018 3:55

Instrument :

BNA_G

ClientSampleId :

OK-02-080718

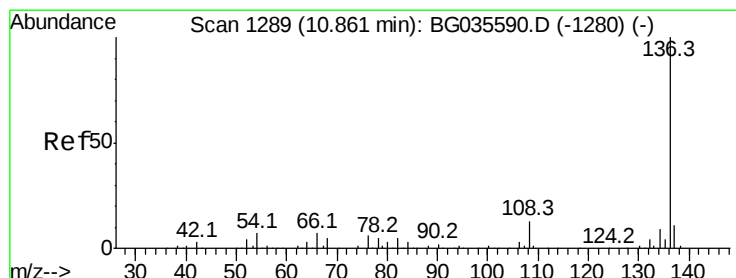
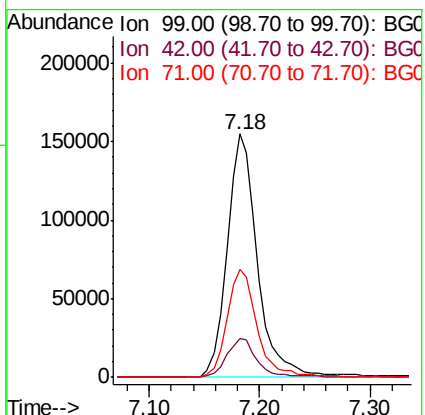
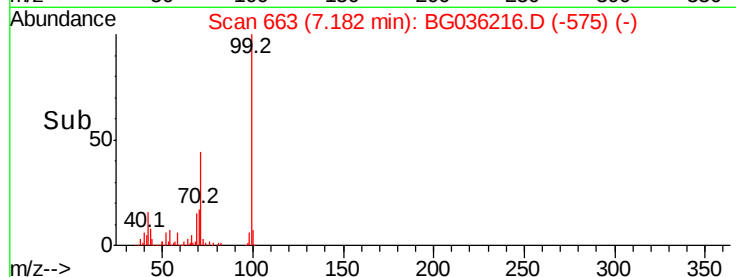
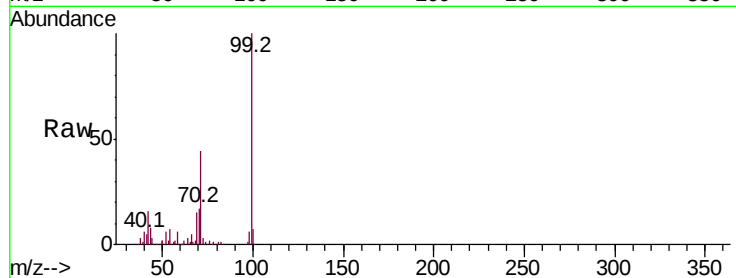
Tot Ion: 99 Resp: 295437

Ion Ratio Lower Upper

99 100

42 16.1 14.1 21.1

71 44.4 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BG036216.D

Acq: 9 Aug 2018 3:55

Tgt Ion:136 Resp: 99132

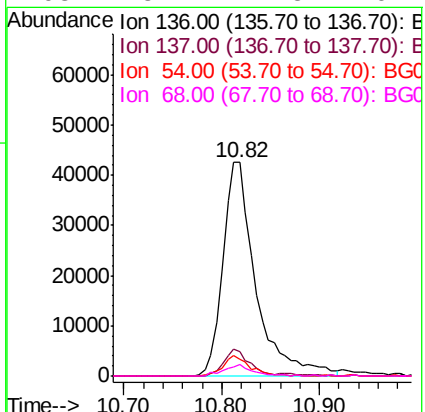
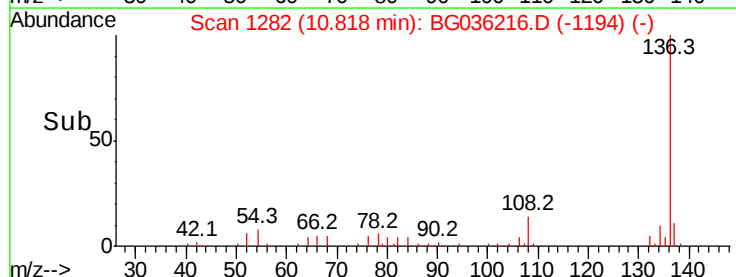
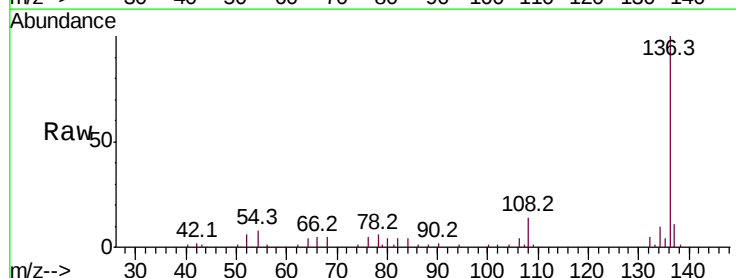
Ion Ratio Lower Upper

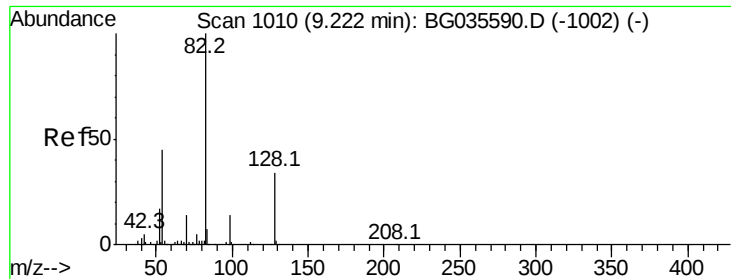
136 100

137 11.2 9.2 13.8

54 7.5 10.3 15.5#

68 5.2 4.5 6.7

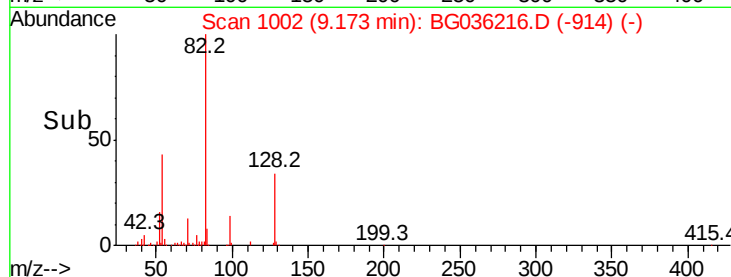
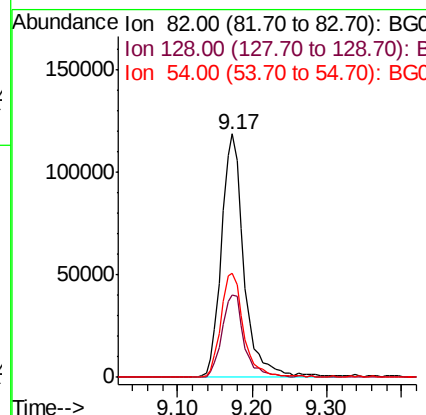
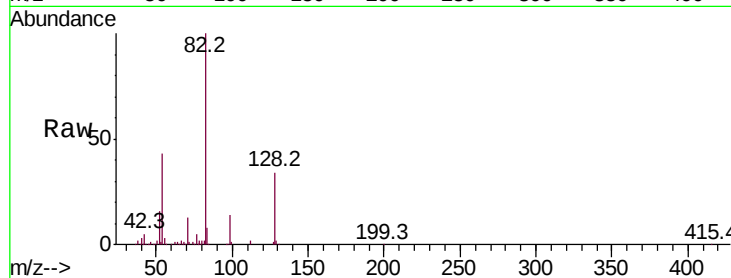




#23
 Nitrobenzene-d5
 Concen: 104.909 ng
 RT: 9.17 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BG036216.D
 Acq: 9 Aug 2018 3:55

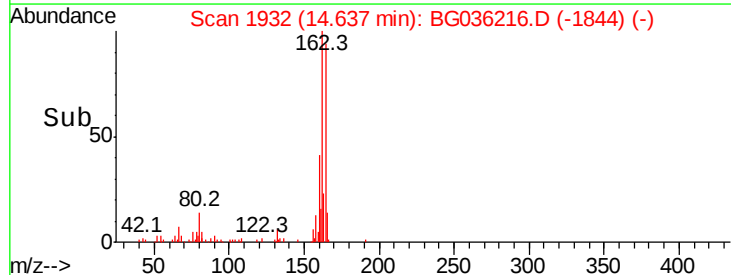
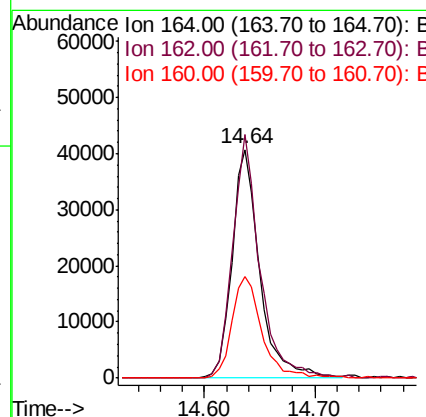
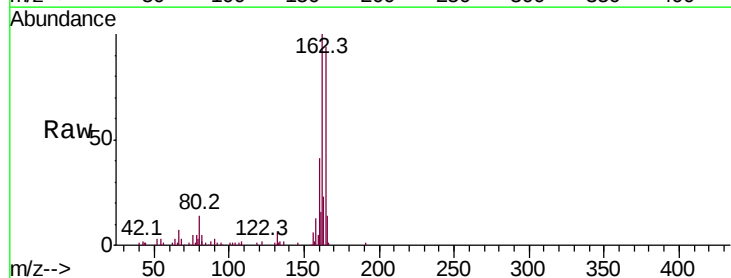
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-080718

Tot Ion	82	Resp	248951
Ion Ratio	100	Lower	Upper
128	33.8	29.7	44.5
54	42.8	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG036216.D
 Acq: 9 Aug 2018 3:55

Tgt Ion	164	Resp	71631
Ion Ratio	100	Lower	Upper
162	106.6	78.8	118.2
160	44.2	35.4	53.0

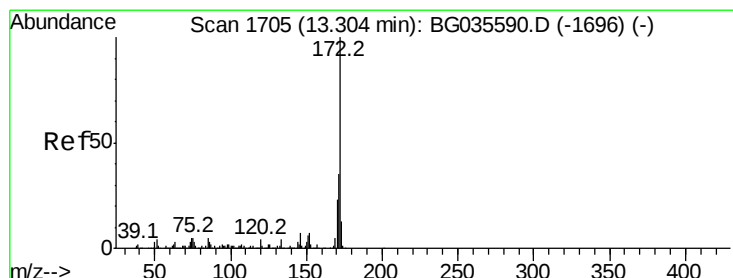
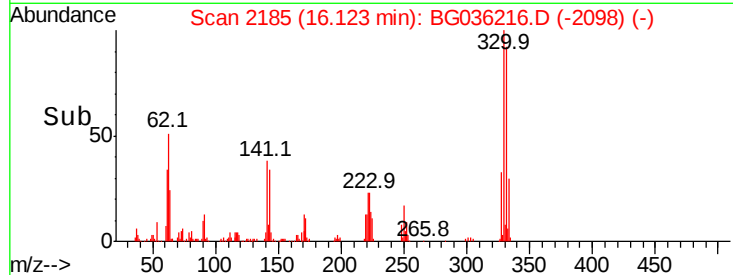
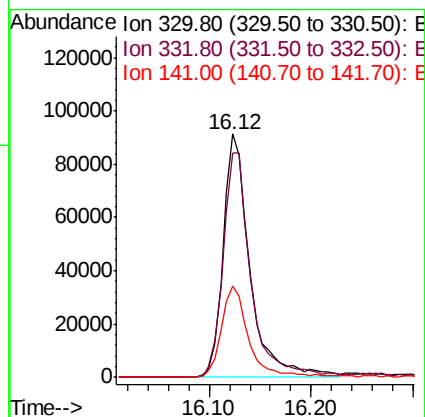
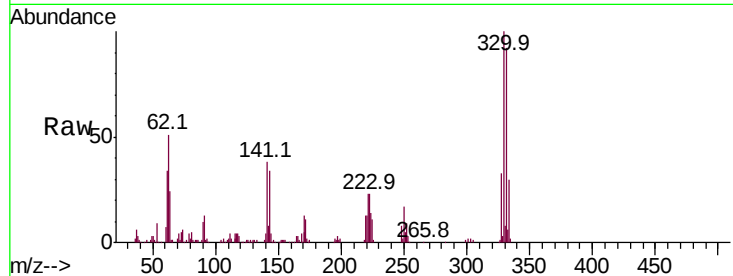




#41
 2,4,6-Tribromophenol
 Concen: 178.240 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036216.D
 Acq: 9 Aug 2018 3:55

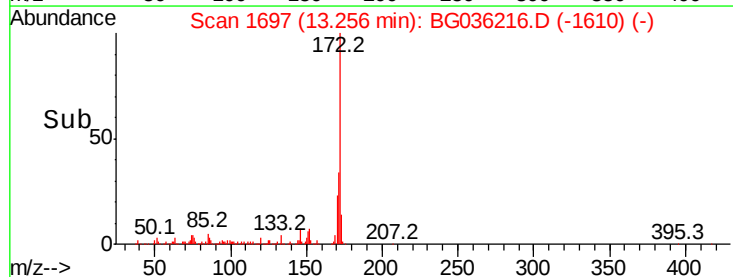
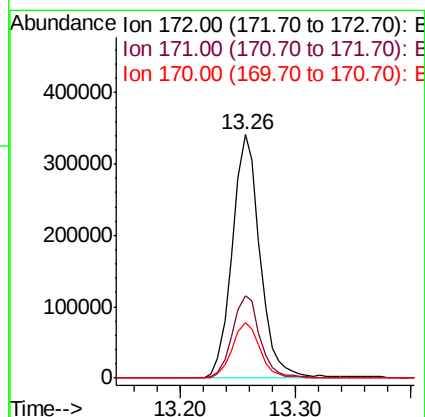
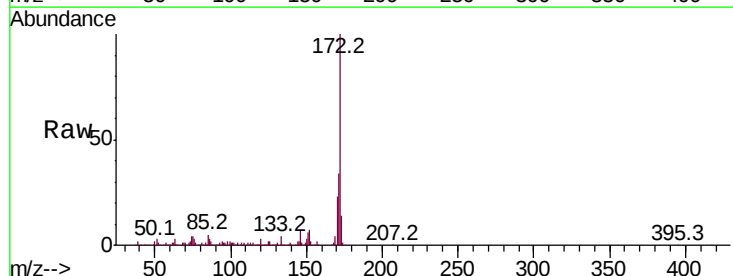
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-080718

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	38.5	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 106.651 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036216.D
 Acq: 9 Aug 2018 3:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	30.0	45.0
170	22.9	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG036216.D

Acq: 9 Aug 2018 3:55

Instrument :

BNA_G

ClientSampleId :

OK-02-080718

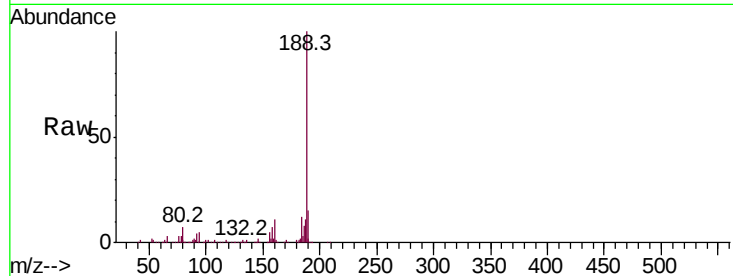
Tot Ion:188 Resp: 198693

Ion Ratio Lower Upper

188 100

94 5.1 6.9 10.3#

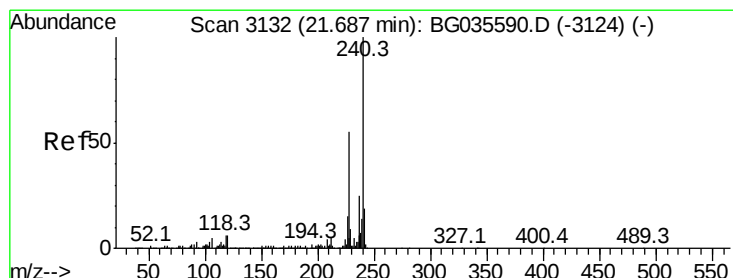
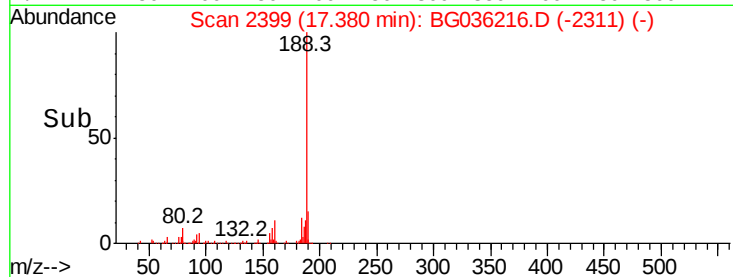
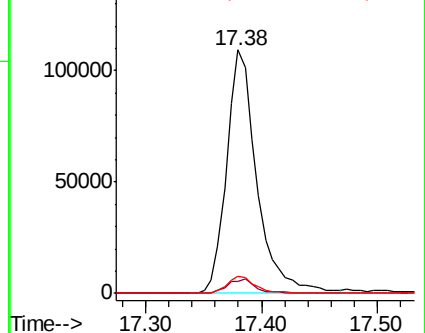
80 6.9 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BG036216.D

Acq: 9 Aug 2018 3:55

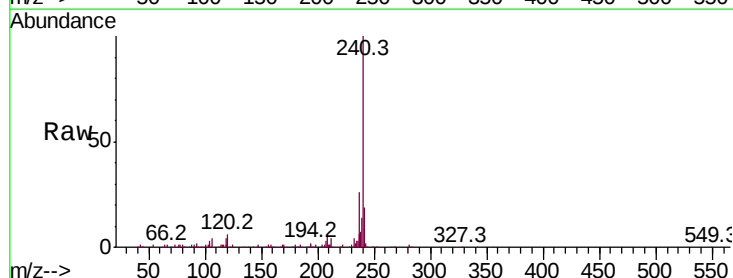
Tgt Ion:240 Resp: 215269

Ion Ratio Lower Upper

240 100

120 6.0 6.8 10.2#

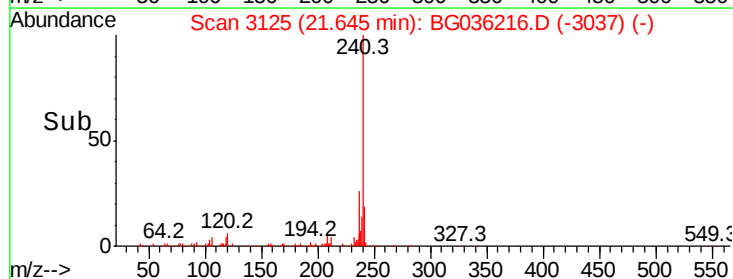
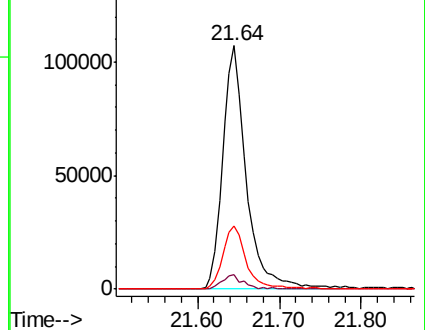
236 25.8 20.9 31.3

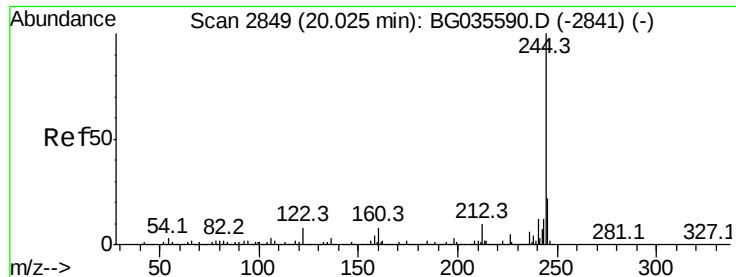


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 118.628 ng

RT: 19.99 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG036216.D

Acq: 9 Aug 2018 3:55

Instrument :

BNA_G

ClientSampleID :

OK-02-080718

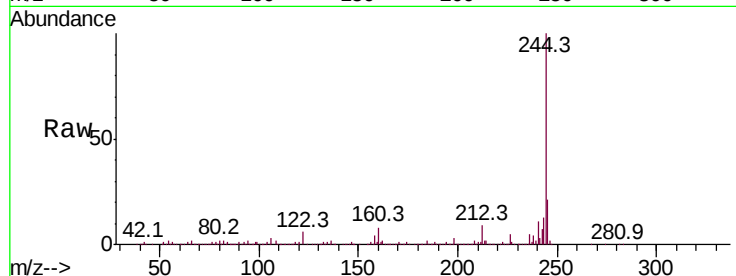
Tot Ion:244 Resp: 1158504

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

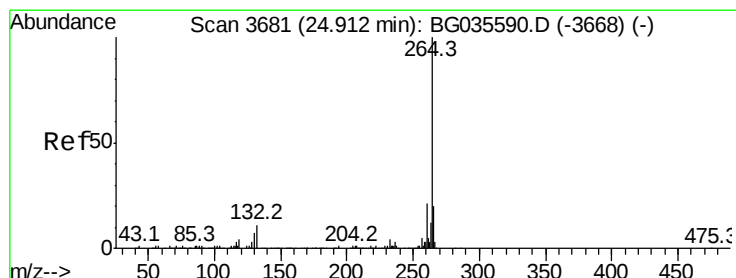
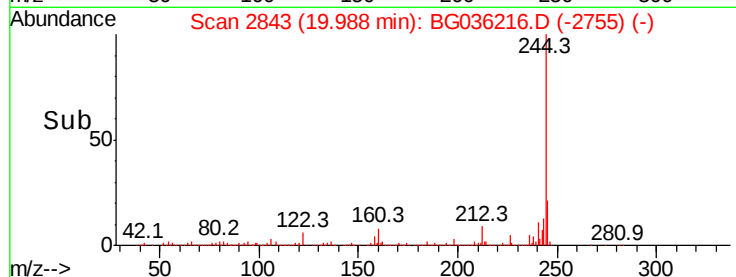
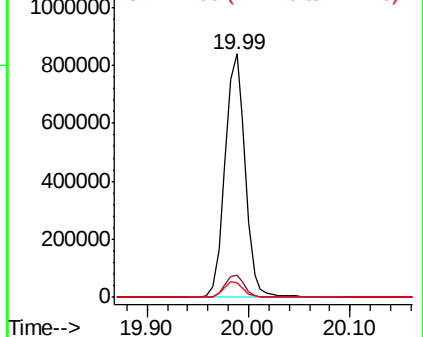
122 6.2 7.0 10.4#



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: 24.84 min Scan# 3669

Delta R.T. -0.02 min

Lab File: BG036216.D

Acq: 9 Aug 2018 3:55

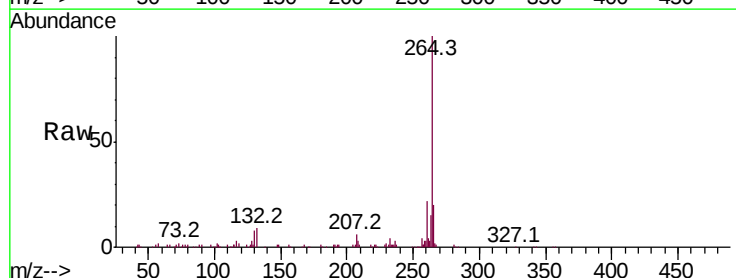
Tgt Ion:264 Resp: 192297

Ion Ratio Lower Upper

264 100

260 22.3 17.4 26.0

265 20.2 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

