

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
 Data File : BG036211.D
 Acq On : 8 Aug 2018 23:49
 Operator : JU/SJ
 Sample : J4275-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-080718-B

Quant Time: Aug 09 02:27:19 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	27300	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	90537	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	68406	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	185430	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	203384	20.00	ng	-0.02
86) Perylene-d12	24.83	264	186382	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	215374	130.98	ng	0.00
7) Phenol-d6	7.18	99	273569	111.51	ng	-0.01
23) Nitrobenzene-d5	9.18	82	231940	107.02	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	156661	173.75	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	535140	104.81	ng	-0.02
78) Terphenyl-d14	19.98	244	1106143	119.89	ng	-0.02

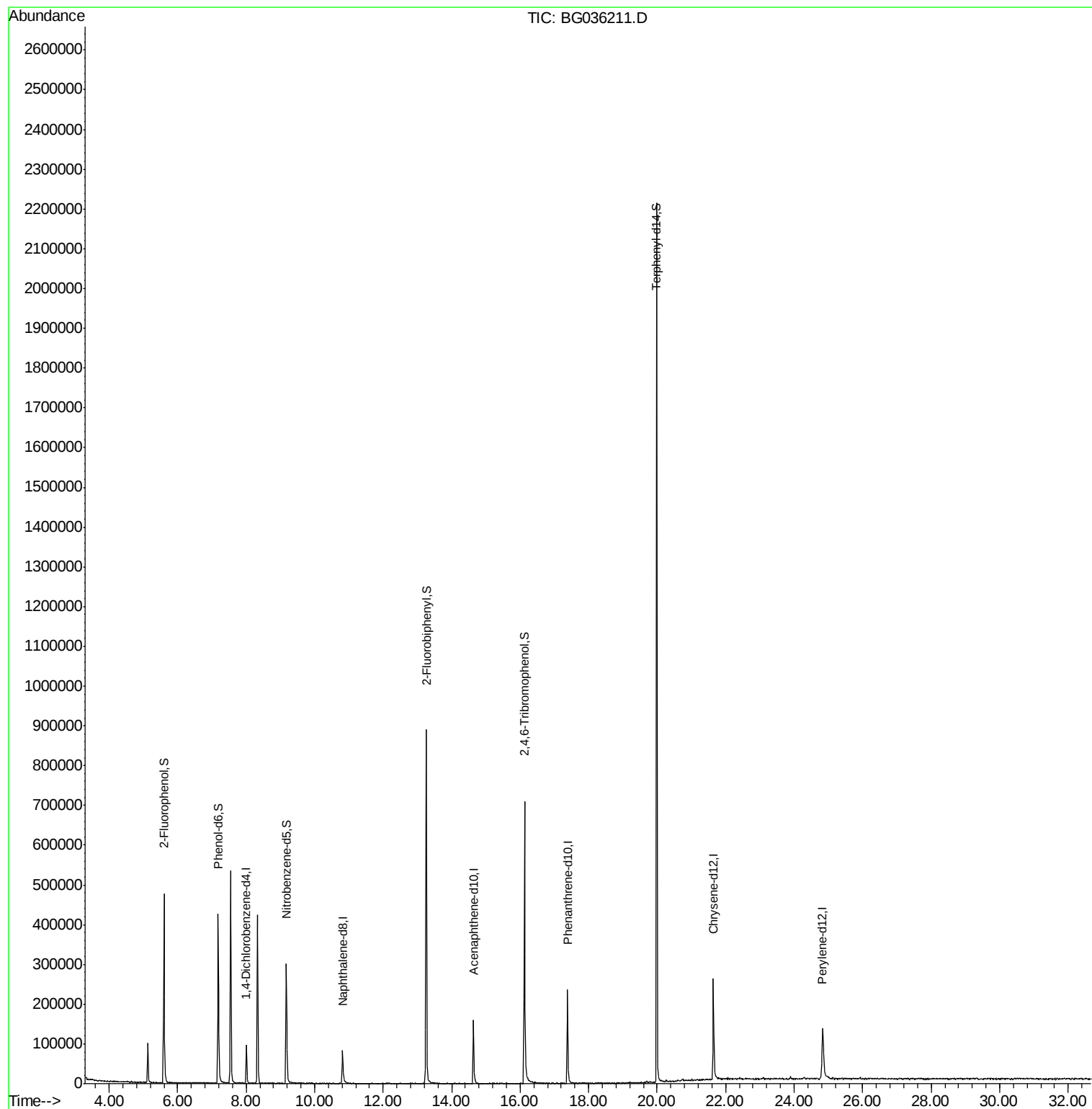
Target Compounds Qvalue

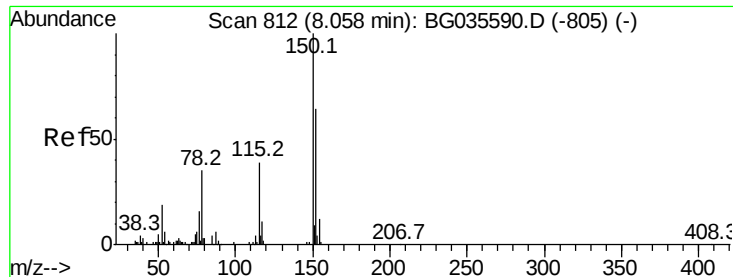
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.02 min

Lab File: BG036211.D

Acq: 8 Aug 2018 23:49

Instrument :

BNA_G

ClientSampleId :

CL-02-080718-B

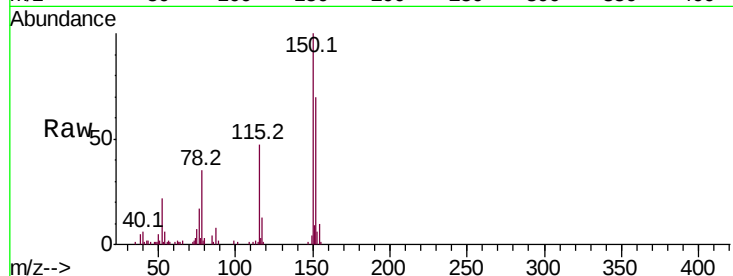
Tot Ion:152 Resp: 27300

Ion Ratio Lower Upper

152 100

150 141.9 126.6 189.8

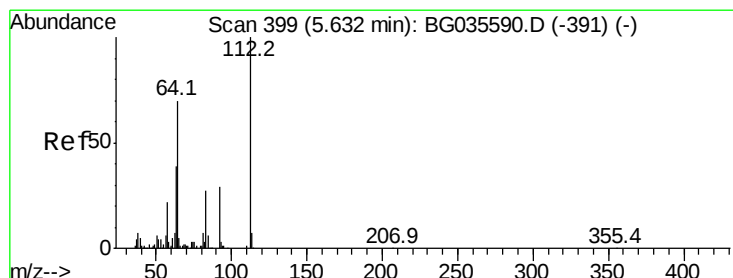
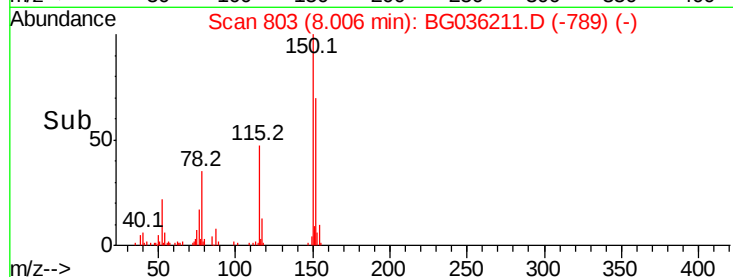
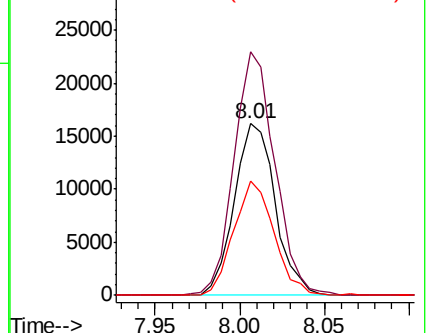
115 66.7 53.0 79.4



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: 130.979 ng

RT: 5.60 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG036211.D

Acq: 8 Aug 2018 23:49

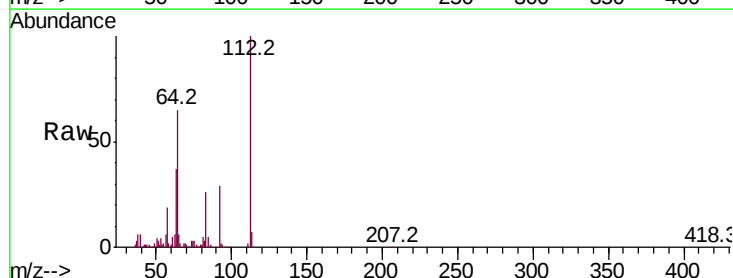
Tgt Ion:112 Resp: 215374

Ion Ratio Lower Upper

112 100

64 64.9 56.3 84.5

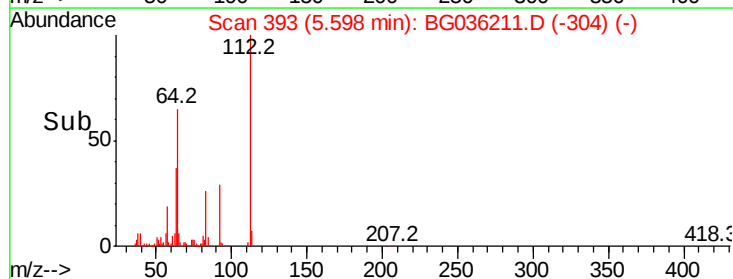
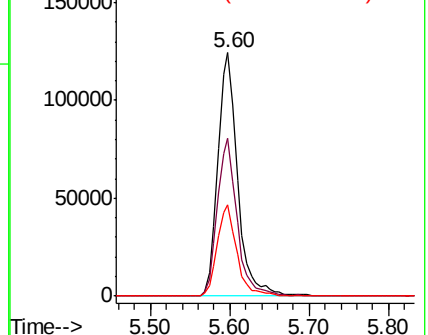
63 37.3 30.1 45.1

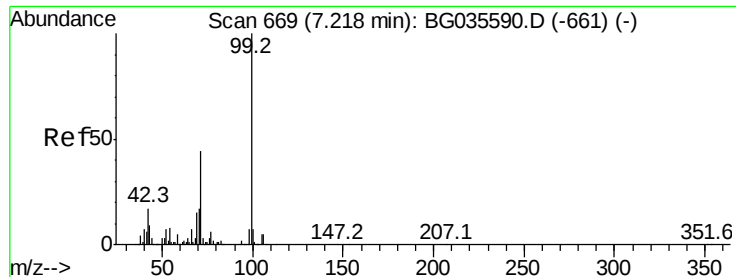


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 111.509 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036211.D

Acq: 8 Aug 2018 23:49

Instrument :

BNA_G

ClientSampleId :

CL-02-080718-B

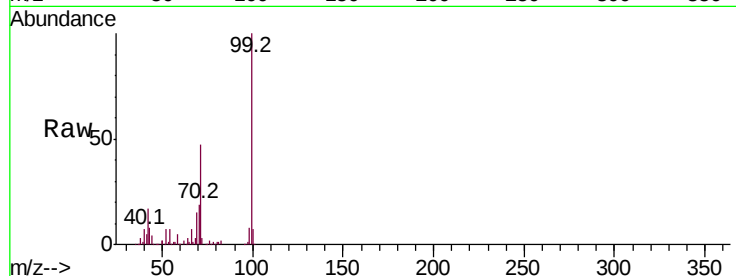
Tot Ion: 99 Resp: 273569

Ion Ratio Lower Upper

99 100

42 17.2 14.1 21.1

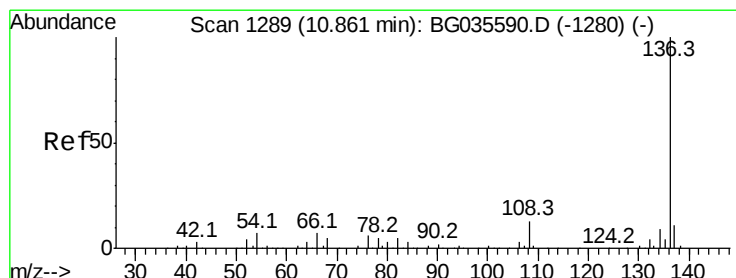
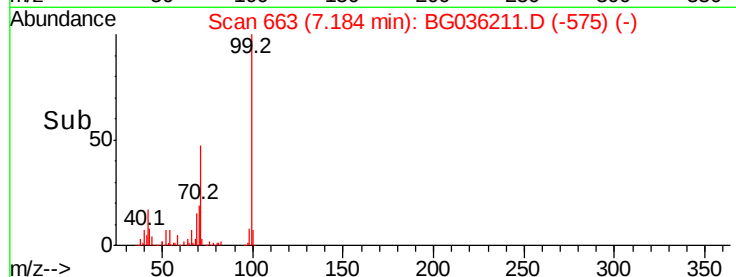
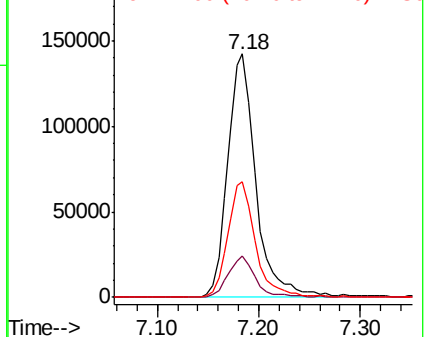
71 47.3 26.1 39.1#



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: 10.81 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BG036211.D

Acq: 8 Aug 2018 23:49

Tgt Ion: 136 Resp: 90537

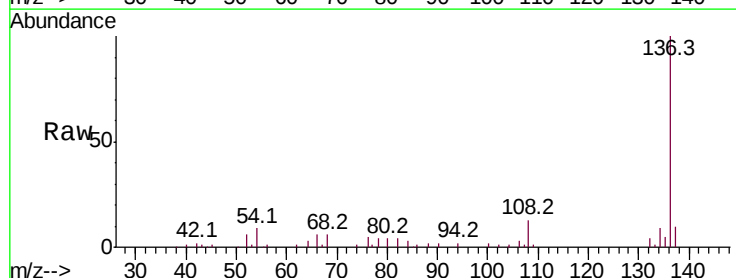
Ion Ratio Lower Upper

136 100

137 9.7 9.2 13.8

54 8.9 10.3 15.5#

68 6.2 4.5 6.7

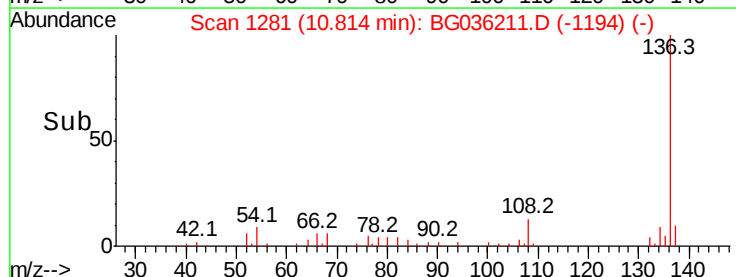
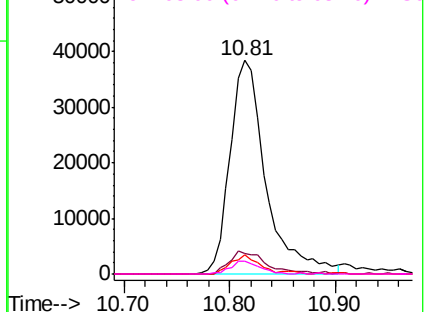


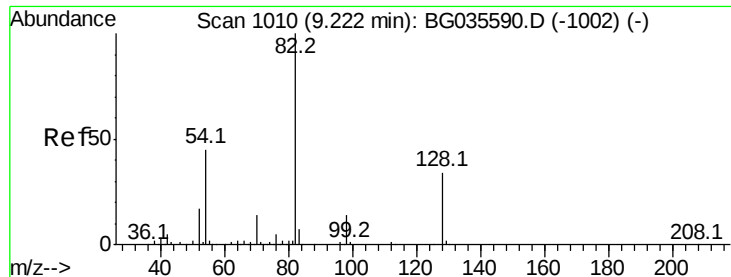
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

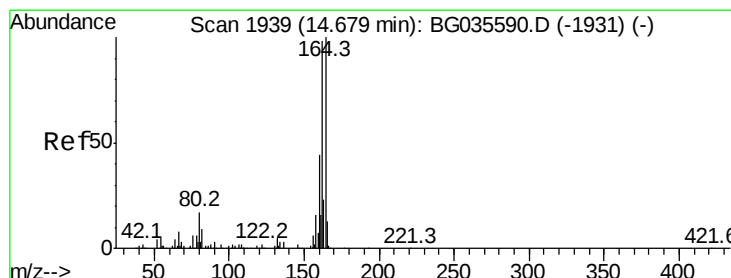
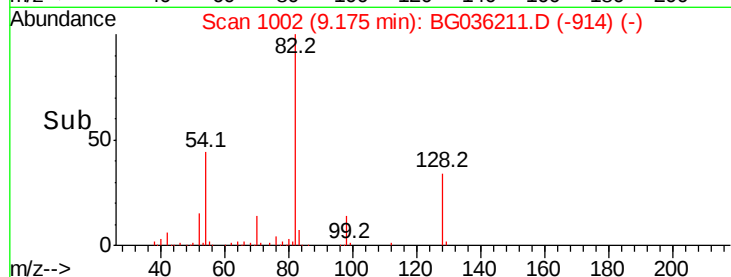
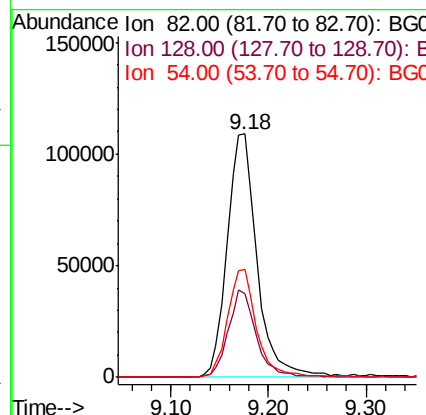
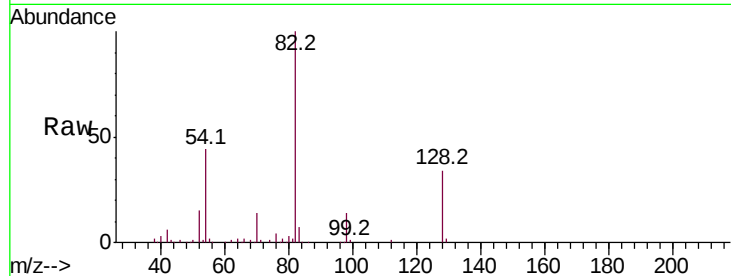




#23
 Nitrobenzene-d5
 Concen: 107.020 ng
 RT: 9.18 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BG036211.D
 Acq: 8 Aug 2018 23:49

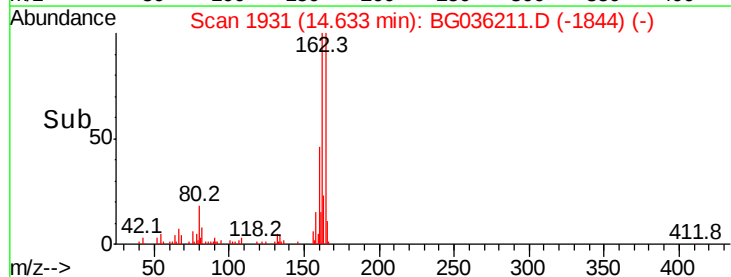
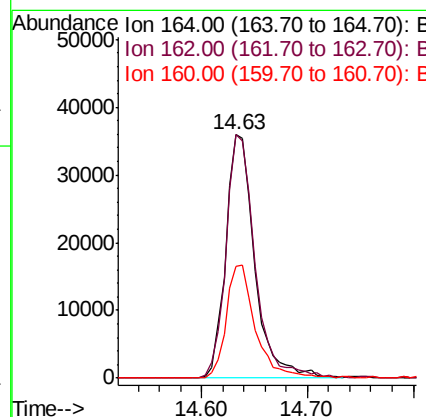
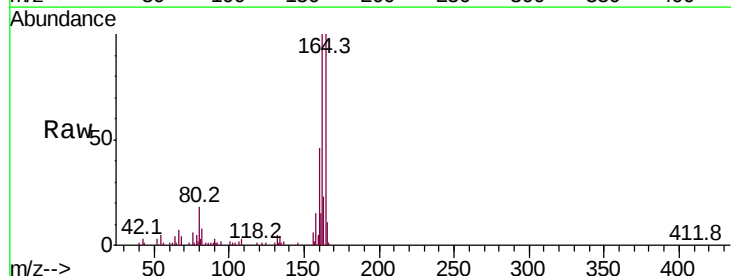
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-080718-B

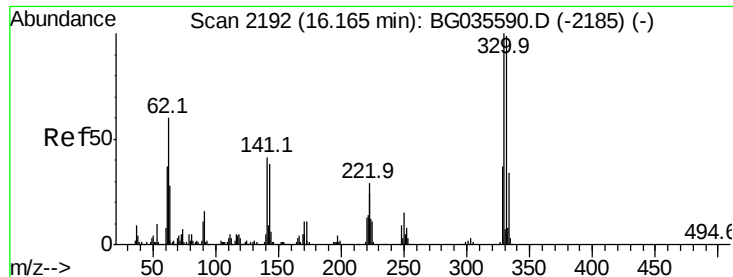
Tot Ion	82	Resp	231940
Ion Ratio	Lower	Upper	
82	100		
128	34.1	29.7	44.5
54	44.2	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.02 min
 Lab File: BG036211.D
 Acq: 8 Aug 2018 23:49

Tgt Ion	164	Resp	68406
Ion Ratio	Lower	Upper	
164	100		
162	99.8	78.8	118.2
160	45.9	35.4	53.0

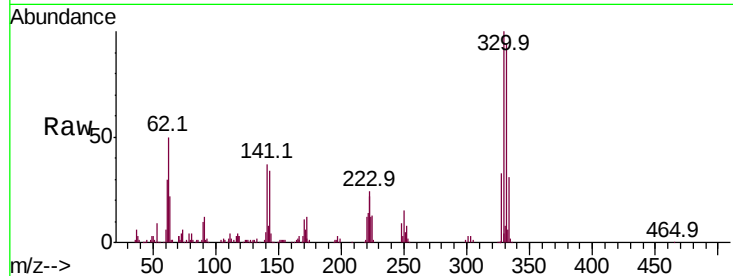




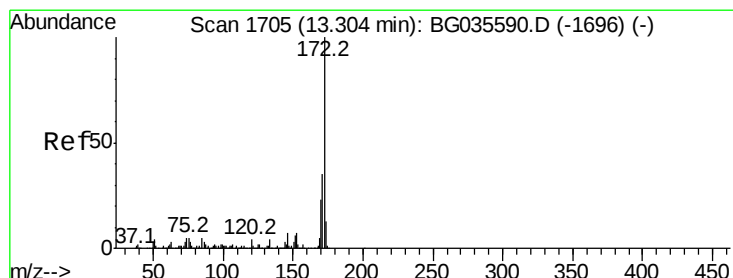
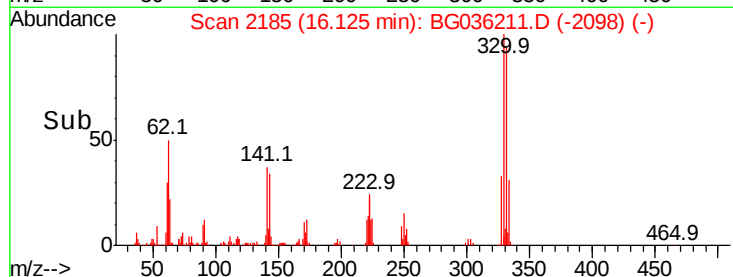
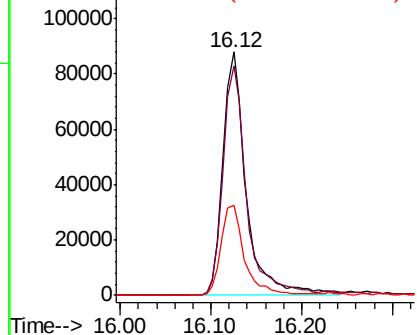
#41
 2,4,6-Tribromophenol
 Concen: 173.752 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036211.D
 Acq: 8 Aug 2018 23:49

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-080718-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	37.5	25.2	37.8

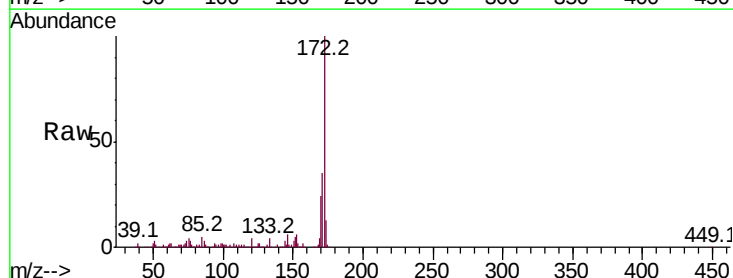


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

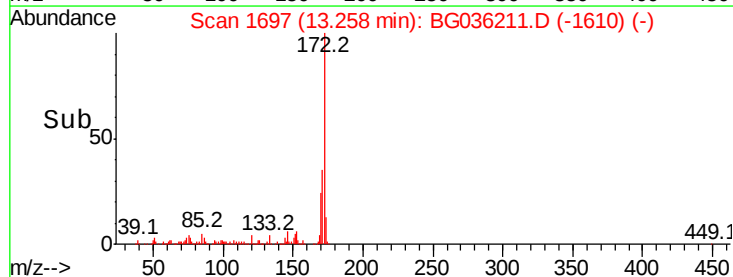
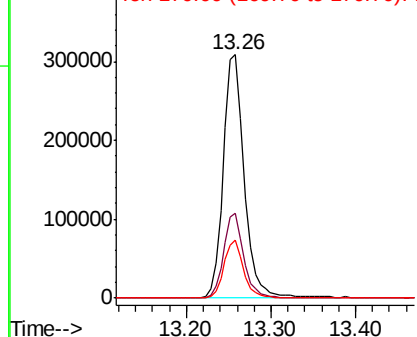


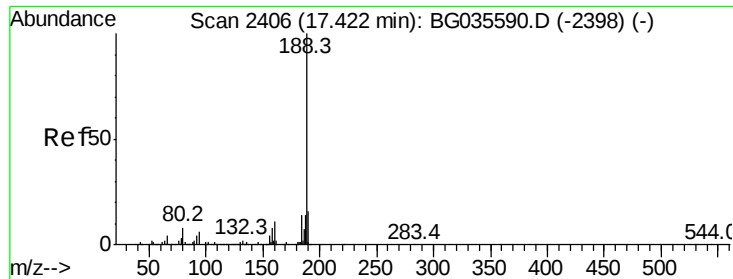
#44
 2-Fluorobiphenyl
 Concen: 104.808 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036211.D
 Acq: 8 Aug 2018 23:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.0	45.0
170	23.6	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: 17.38 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG036211.D

Acq: 8 Aug 2018 23:49

Instrument :

BNA_G

ClientSampleId :

CL-02-080718-B

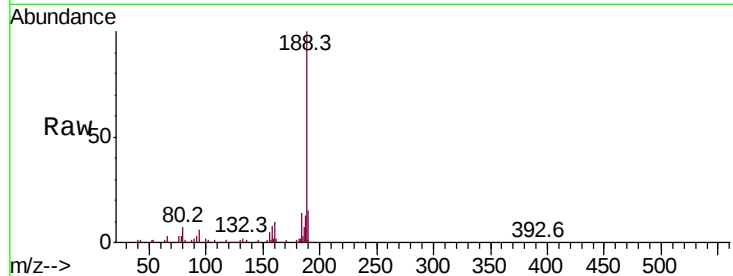
Tot Ion:188 Resp: 185430

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

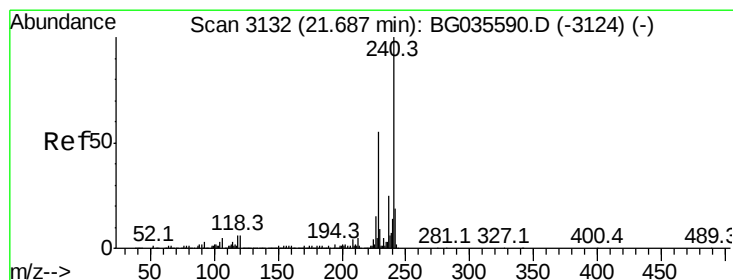
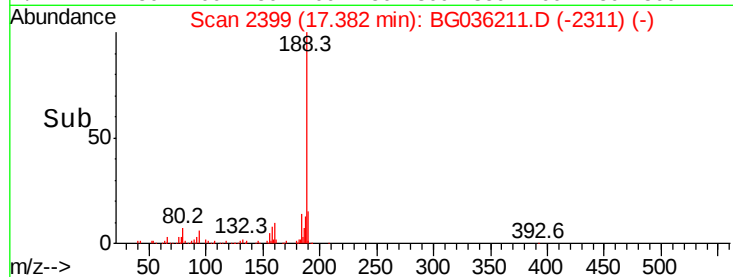
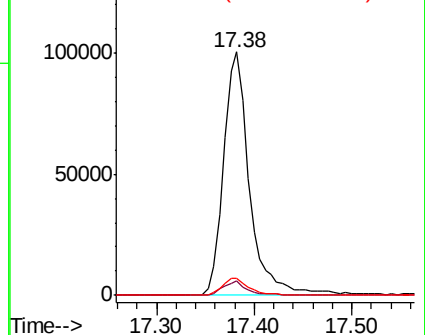
80 7.2 7.7 11.5#



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# 3124

Delta R.T. -0.02 min

Lab File: BG036211.D

Acq: 8 Aug 2018 23:49

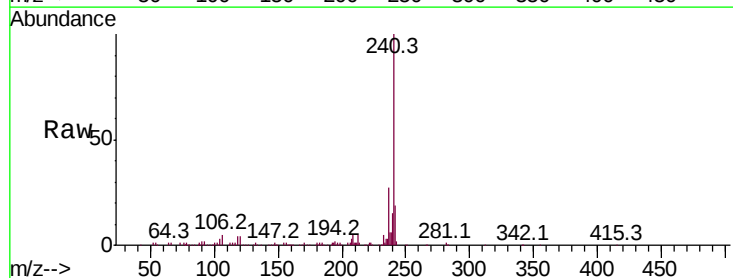
Tgt Ion:240 Resp: 203384

Ion Ratio Lower Upper

240 100

120 4.3 6.8 10.2#

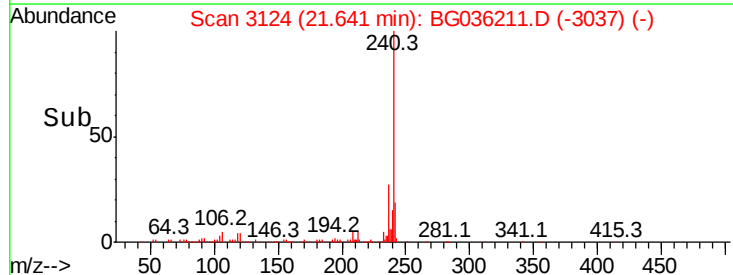
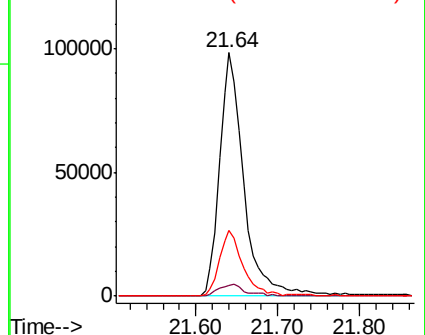
236 26.9 20.9 31.3

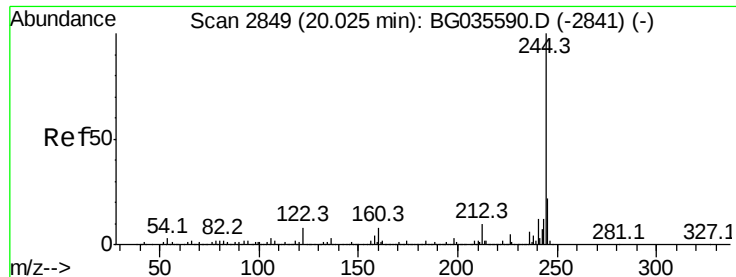


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 119.885 ng

RT: 19.98 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036211.D

Acq: 8 Aug 2018 23:49

Instrument :

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CL-02-080718-B

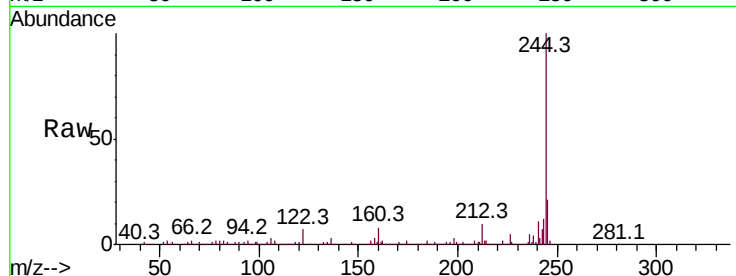
Tot Ion:244 Resp: 1106143

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

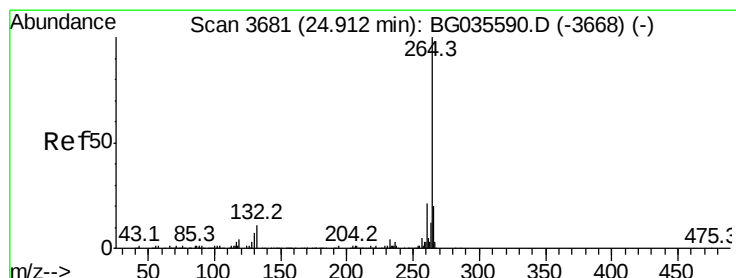
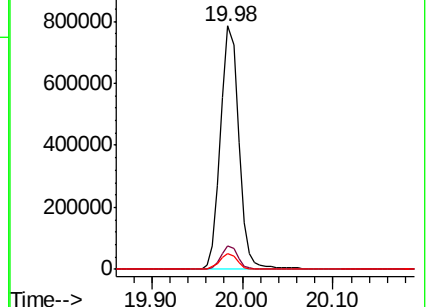
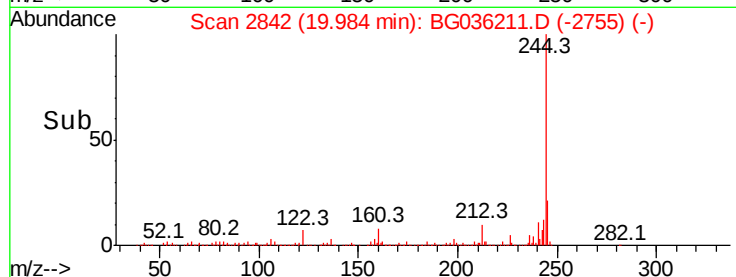
122 6.7 7.0 10.4#



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: 24.83 min Scan# 3667

Delta R.T. -0.03 min

Lab File: BG036211.D

Acq: 8 Aug 2018 23:49

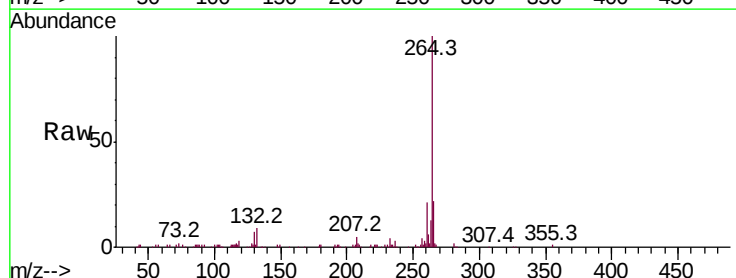
Tgt Ion:264 Resp: 186382

Ion Ratio Lower Upper

264 100

260 20.7 17.4 26.0

265 21.7 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

