

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036426.D
 Acq On : 27 Aug 2018 11:31
 Operator : JU/SJ
 Sample : PB112371BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112371BL

Quant Time: Aug 27 14:08:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	56802	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	241359	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	170627	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	464251	20.00	ng	0.00
75) Chrysene-d12	21.70	240	502871	20.00	ng	-0.01
86) Perylene-d12	24.92	264	501198	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	374605	104.61	ng	0.00
7) Phenol-d6	7.22	99	533319	104.03	ng	0.00
23) Nitrobenzene-d5	9.22	82	305621	68.70	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	225764	110.89	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	812567	68.00	ng	0.00
78) Terphenyl-d14	20.04	244	1527042	70.98	ng	-0.01

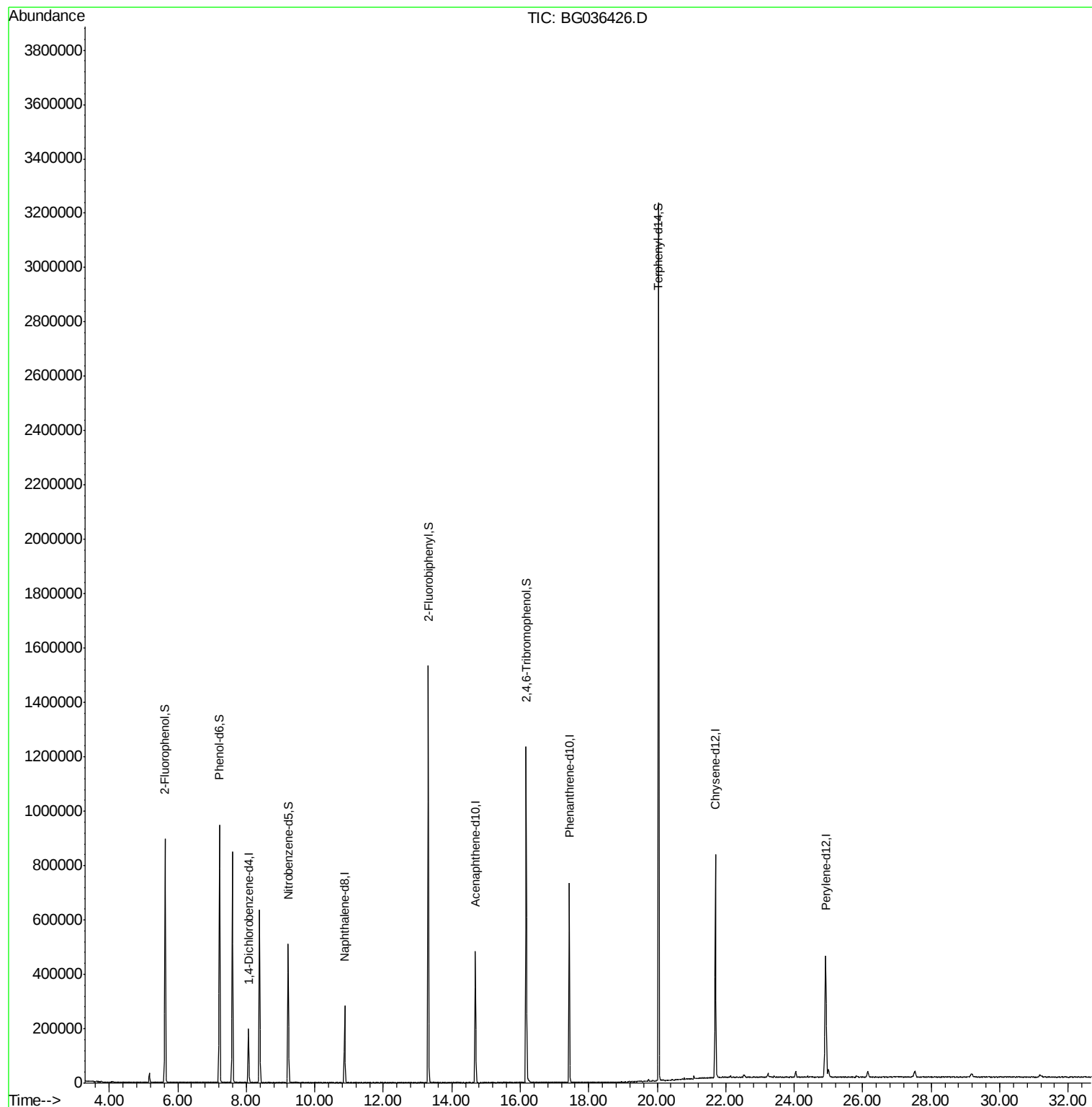
Target Compounds Qvalue

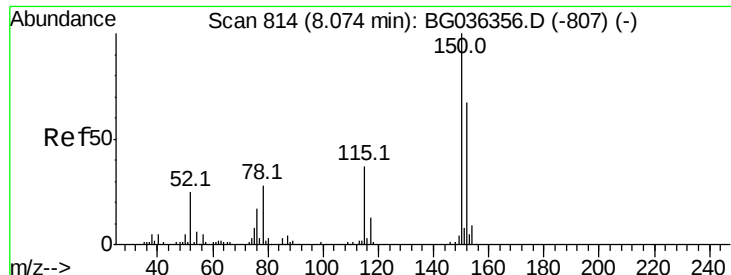
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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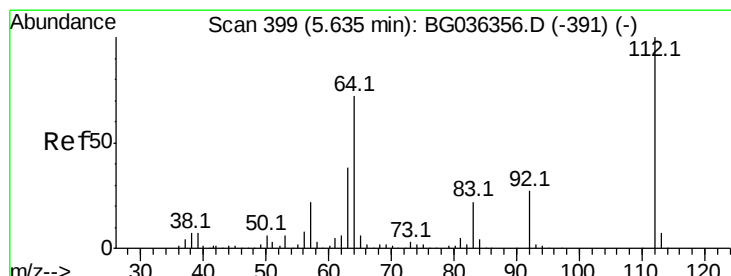
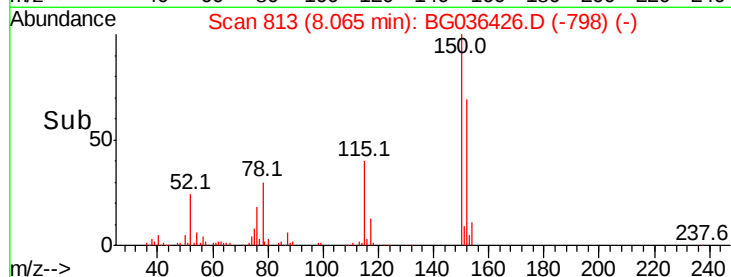
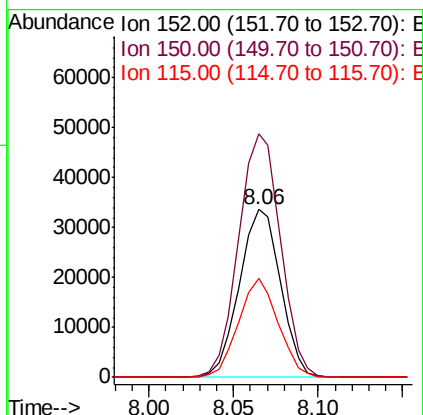
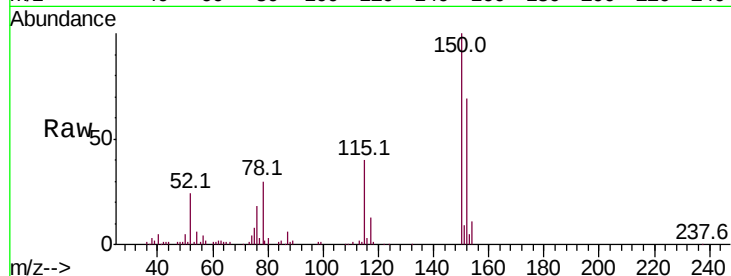


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036426.D
Acq: 27 Aug 2018 11:31

Instrument :
BNA_G
ClientSampleId :
PB112371BL

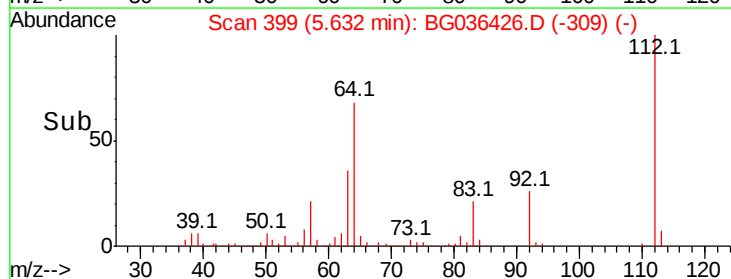
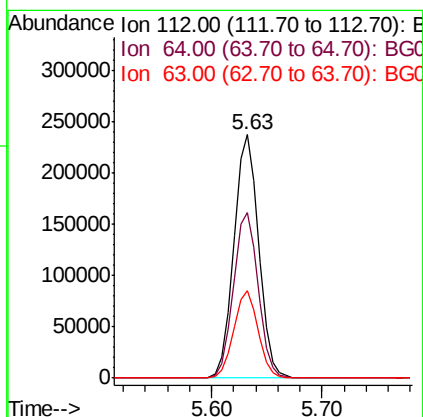
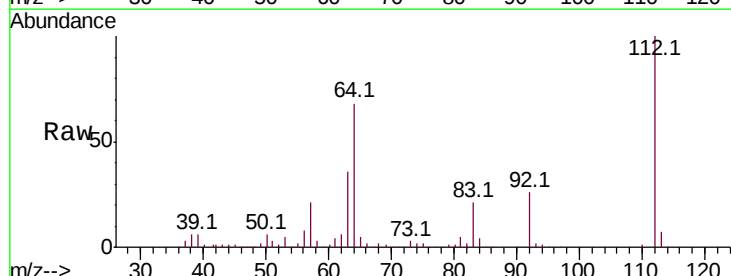
Tot Ion:152 Resp: 56802
Ion Ratio Lower Upper
152 100
150 145.1 119.5 179.3
115 58.6 44.5 66.7



#5

2-Fluorophenol
Concen: 104.615 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036426.D
Acq: 27 Aug 2018 11:31

Tgt Ion:112 Resp: 374605
Ion Ratio Lower Upper
112 100
64 68.2 57.2 85.8
63 35.8 30.8 46.2





#7

Phenol-d6

Concen: 104.025 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036426.D

Acq: 27 Aug 2018 11:31

Instrument :

BNA_G

ClientSampleId :

PB112371BL

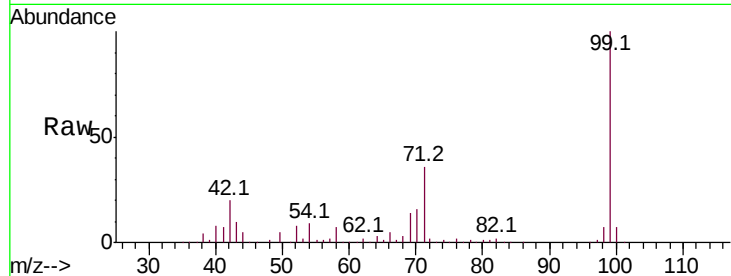
Tot Ion: 99 Resp: 533319

Ion Ratio Lower Upper

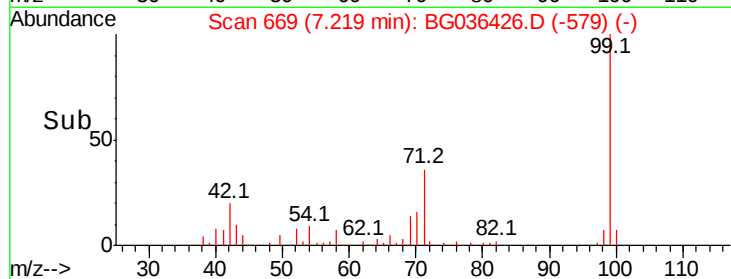
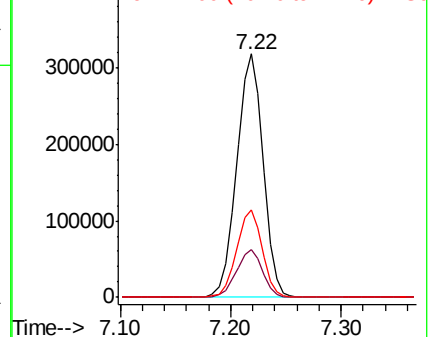
99 100

42 19.8 16.5 24.7

71 36.0 29.4 44.2



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: 10.87 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BG036426.D

Acq: 27 Aug 2018 11:31

Tgt Ion: 136 Resp: 241359

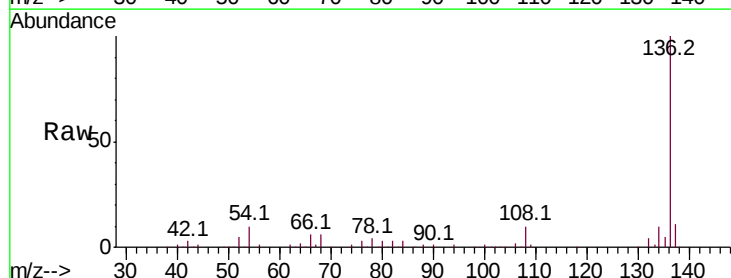
Ion Ratio Lower Upper

136 100

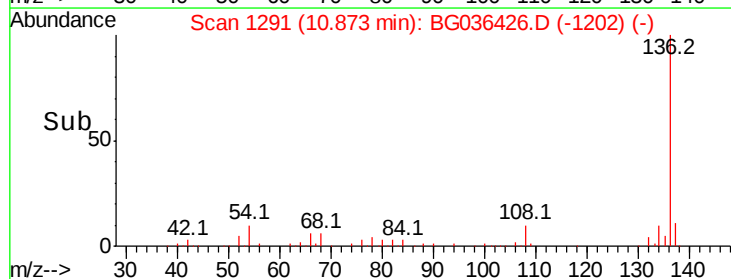
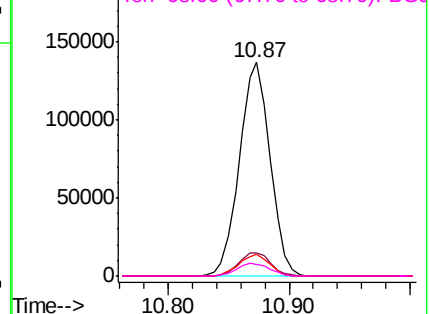
137 10.8 8.8 13.2

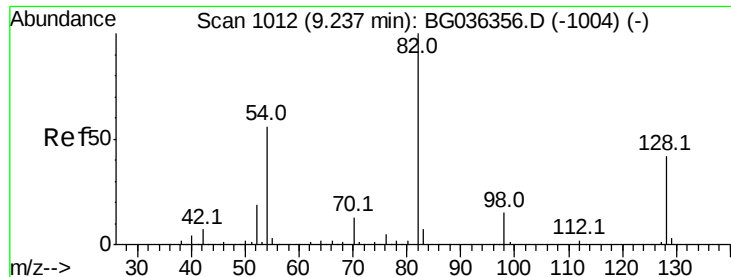
54 10.5 9.2 13.8

68 5.5 5.8 8.6#



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: 68.703 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BG036426.D

Acq: 27 Aug 2018 11:31

Instrument :

BNA_G

ClientSampleId :

PB112371BL

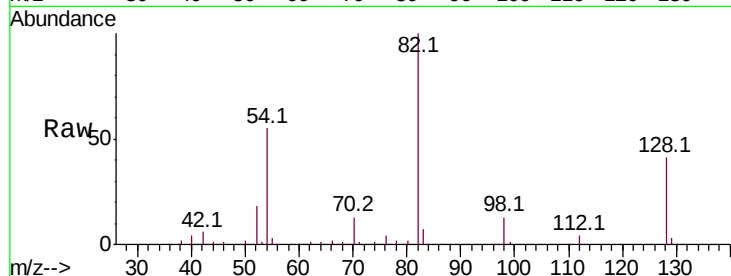
Tot Ion: 82 Resp: 305621

Ion Ratio Lower Upper

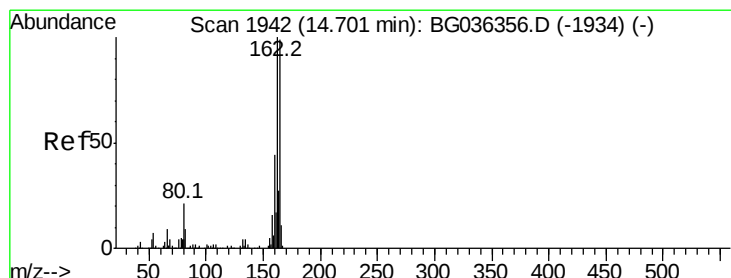
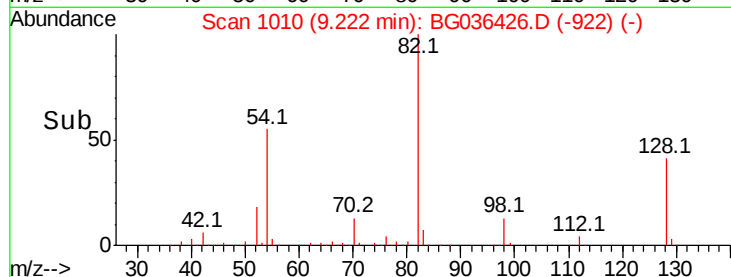
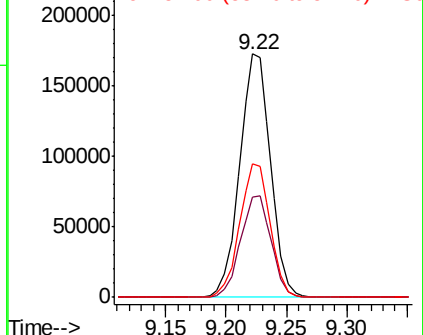
82 100

128 41.3 33.3 49.9

54 55.1 45.1 67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG036426.D

Acq: 27 Aug 2018 11:31

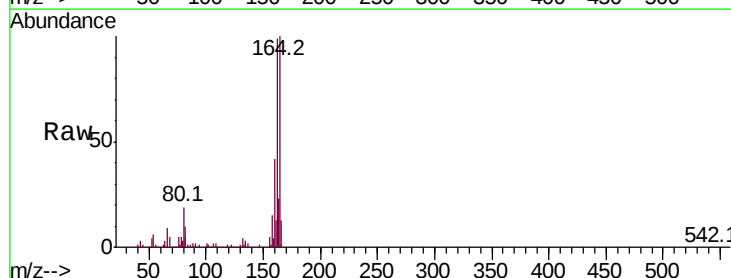
Tgt Ion: 164 Resp: 170627

Ion Ratio Lower Upper

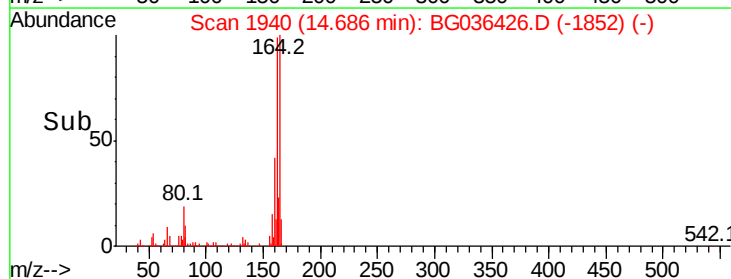
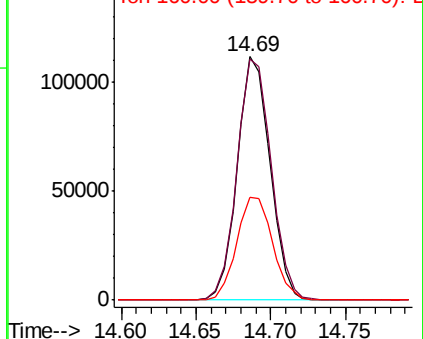
164 100

162 98.8 80.7 121.1

160 42.5 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

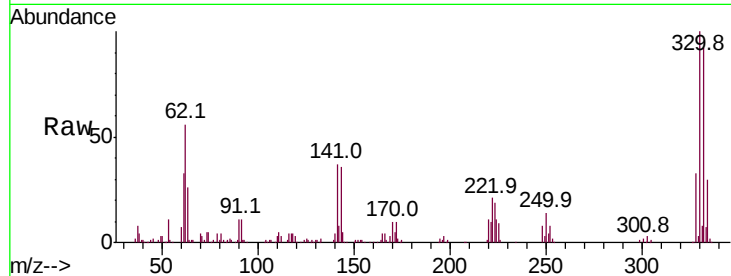




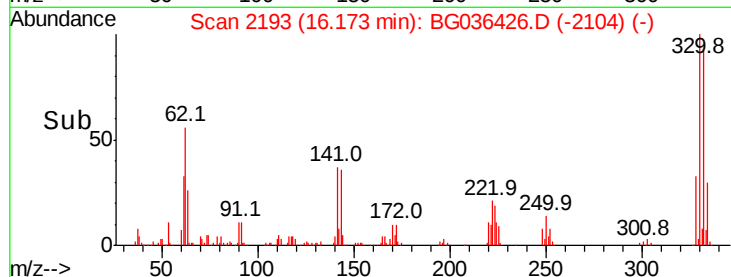
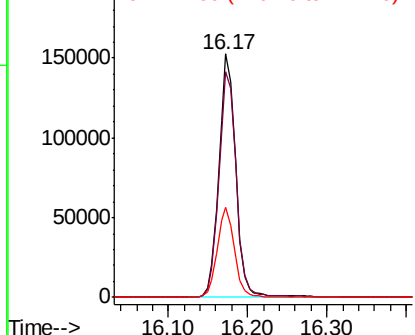
#41
 2,4,6-Tribromophenol
 Concen: 110.888 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036426.D
 Acq: 27 Aug 2018 11:31

Instrument :
 BNA_G
 ClientSampleId :
 PB112371BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.4	113.2
141	37.2	30.7	46.1

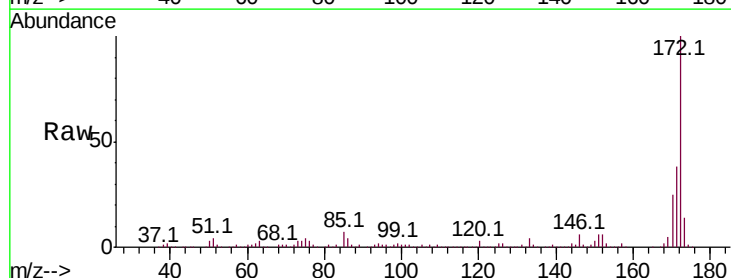


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

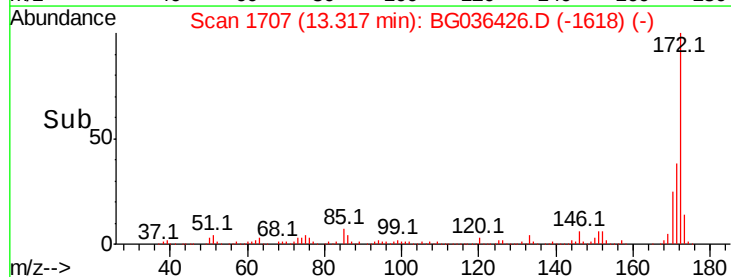
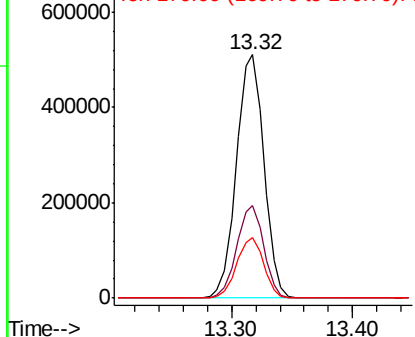


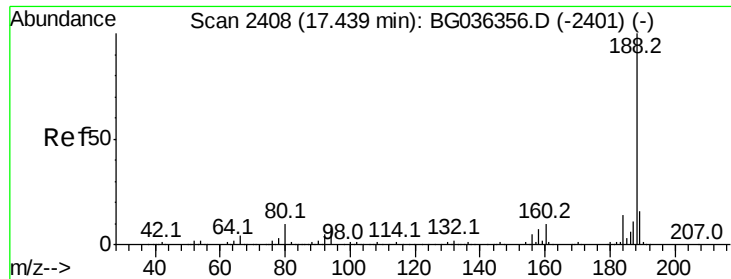
#44
 2-Fluorobiphenyl
 Concen: 67.996 ng
 RT: 13.32 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG036426.D
 Acq: 27 Aug 2018 11:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.3	46.9
170	24.7	21.0	31.6



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

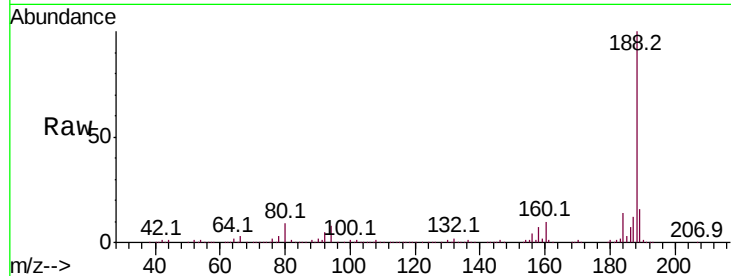




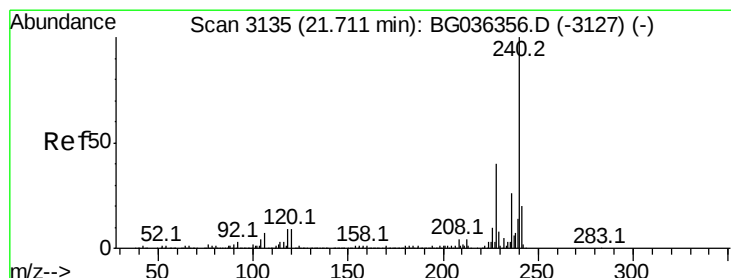
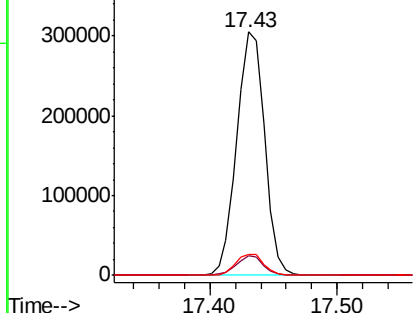
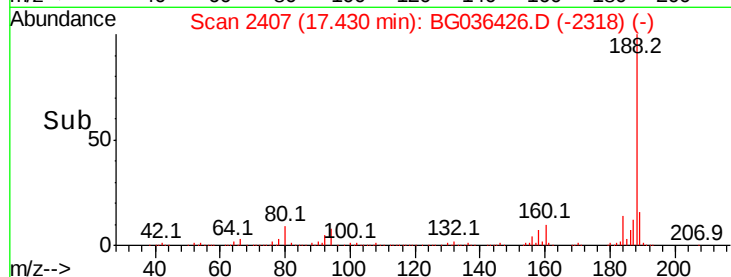
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG036426.D
 Acq: 27 Aug 2018 11:31

Instrument :
 BNA_G
 ClientSampleId :
 PB112371BL

Tot Ion:188 Resp: 464251
 Ion Ratio Lower Upper
 188 100
 94 7.9 6.7 10.1
 80 8.8 8.1 12.1

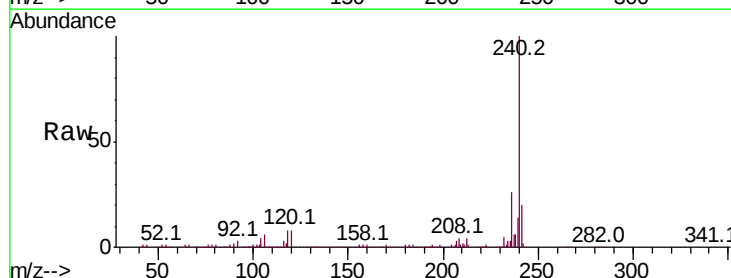


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

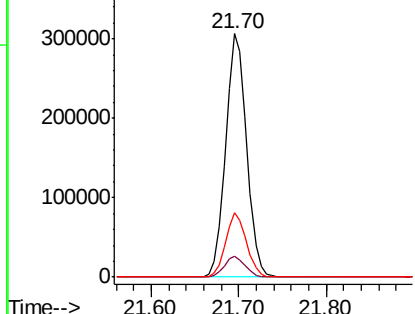
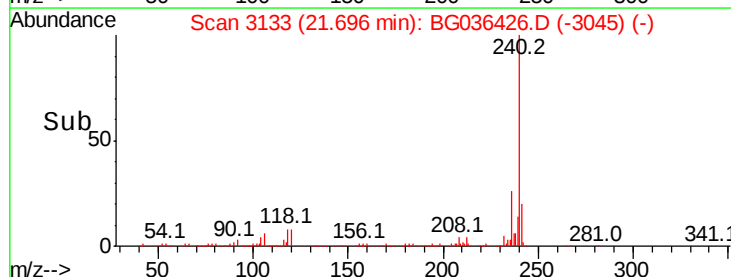


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3133
 Delta R.T. -0.01 min
 Lab File: BG036426.D
 Acq: 27 Aug 2018 11:31

Tgt Ion:240 Resp: 502871
 Ion Ratio Lower Upper
 240 100
 120 8.5 6.9 10.3
 236 26.4 21.2 31.8



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: 70.977 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG036426.D

Acq: 27 Aug 2018 11:31

Instrument :

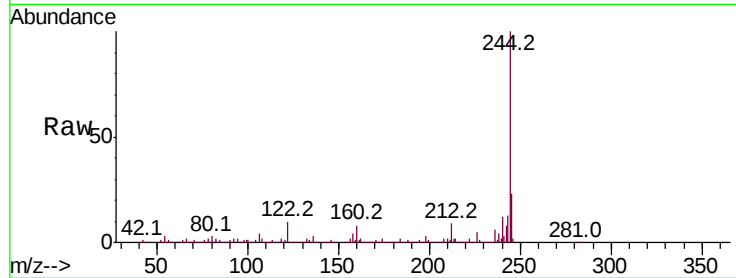
BNA_G

ClientSampled :

PB112371BL

Tot Ion:244 Resp: 1527042

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	9.9	7.1	10.7

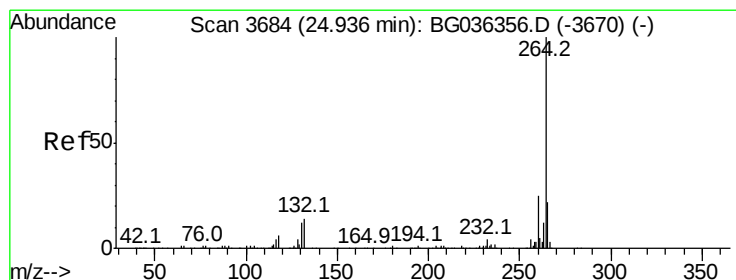
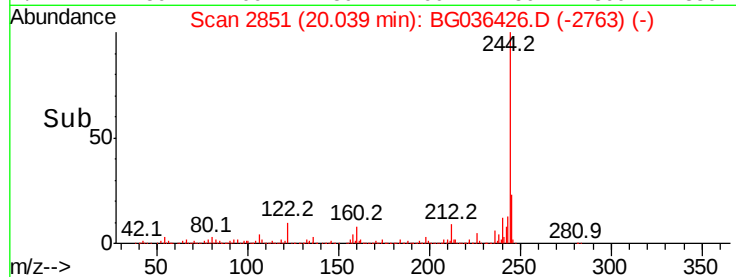


Abundance

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: 24.92 min Scan# 3681

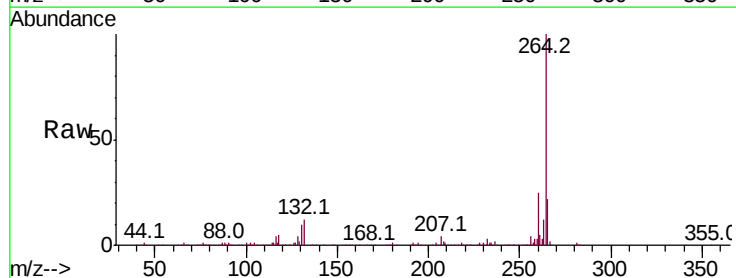
Delta R.T. -0.02 min

Lab File: BG036426.D

Acq: 27 Aug 2018 11:31

Tgt Ion:264 Resp: 501198

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	22.1	17.4	26.0



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

