

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082818\
 Data File : BG036463.D
 Acq On : 28 Aug 2018 18:19
 Operator : JU/SJ
 Sample : PB112432BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112432BL

Quant Time: Aug 29 01:24:27 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	62262	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	259271	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	172350	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	440119	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	476859	20.00	ng	-0.02
86) Perylene-d12	24.91	264	475833	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	491349	125.18	ng	0.00
7) Phenol-d6	7.22	99	693832	123.47	ng	0.00
23) Nitrobenzene-d5	9.22	82	401517	84.02	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	275916	134.17	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	976446	80.89	ng	-0.01
78) Terphenyl-d14	20.04	244	1657283	81.23	ng	-0.02

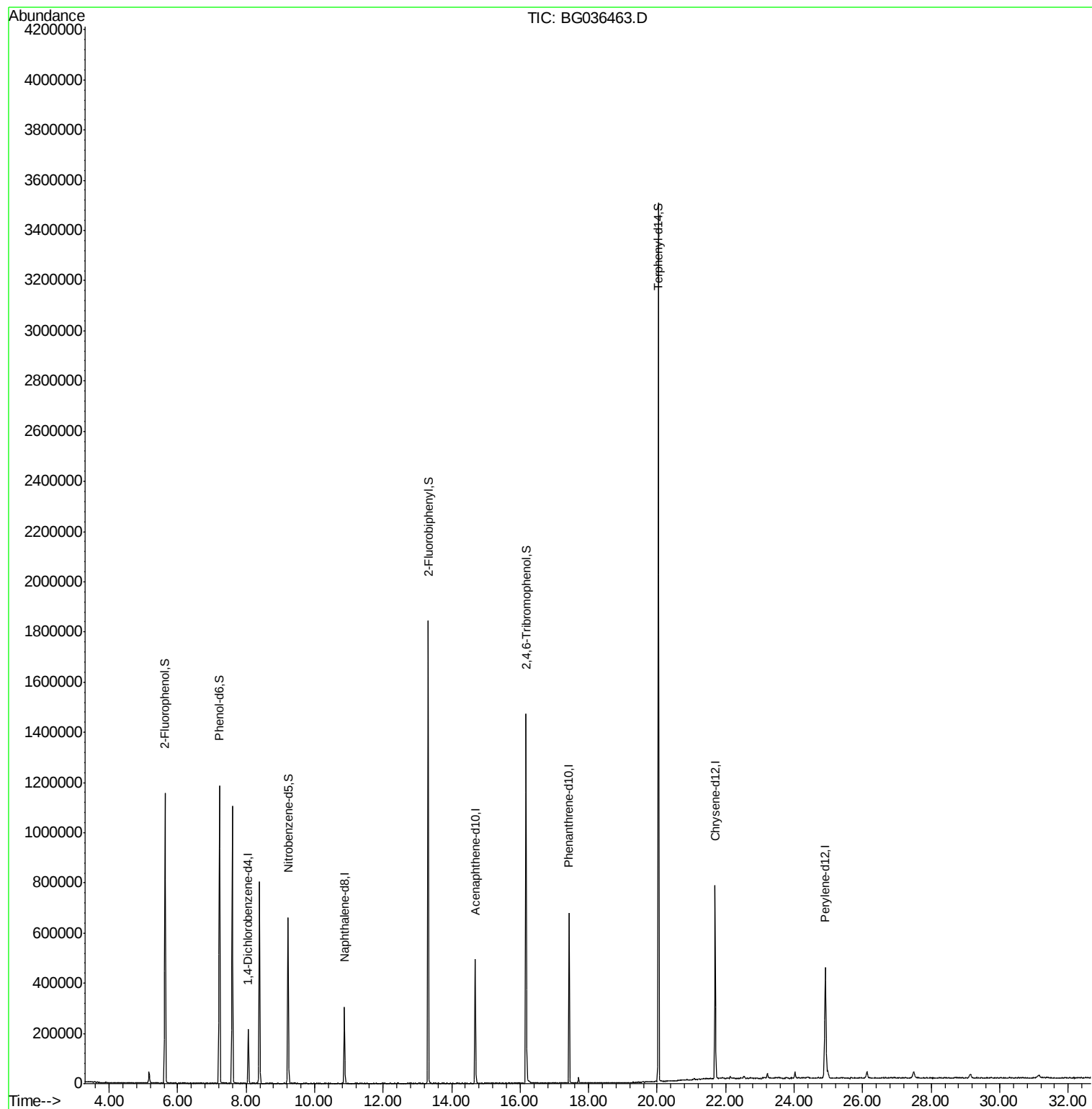
Target Compounds Qvalue

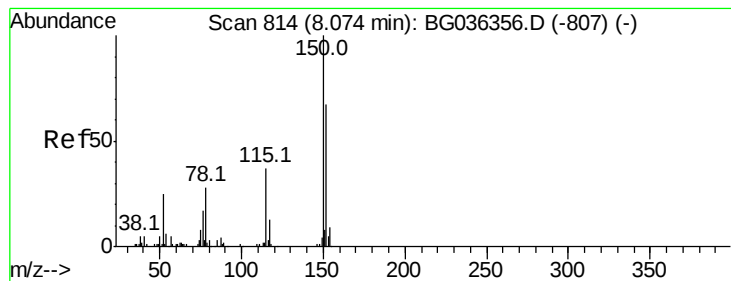
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.01 min

Lab File: BG036463.D

Acq: 28 Aug 2018 18:19

Instrument :

BNA_G

ClientSampleId :

PB112432BL

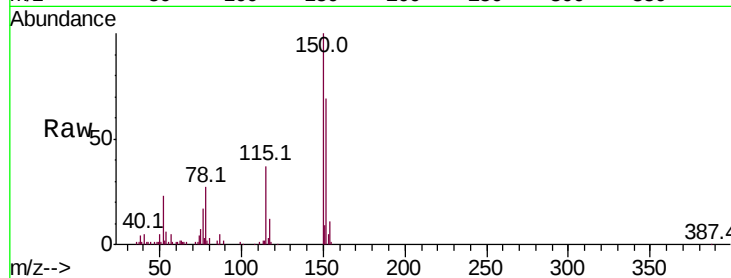
Tot Ion:152 Resp: 62262

Ion Ratio Lower Upper

152 100

150 144.7 119.5 179.3

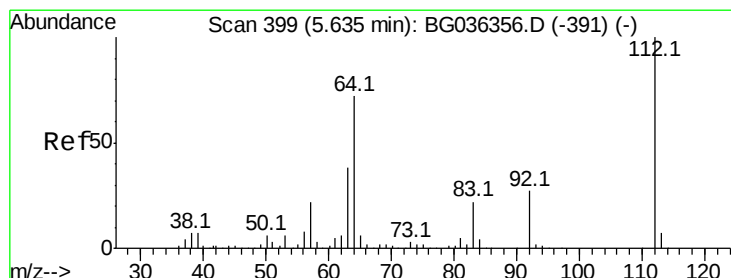
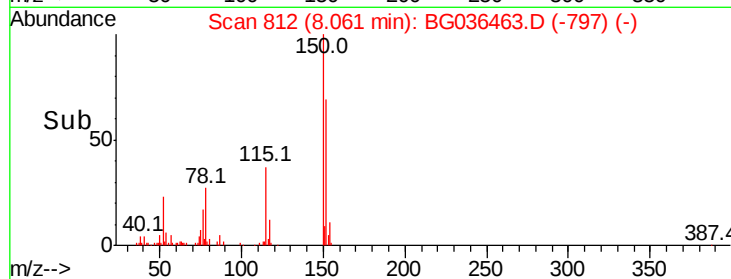
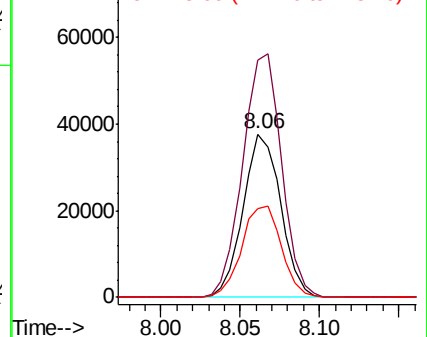
115 54.2 44.5 66.7



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: 125.185 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG036463.D

Acq: 28 Aug 2018 18:19

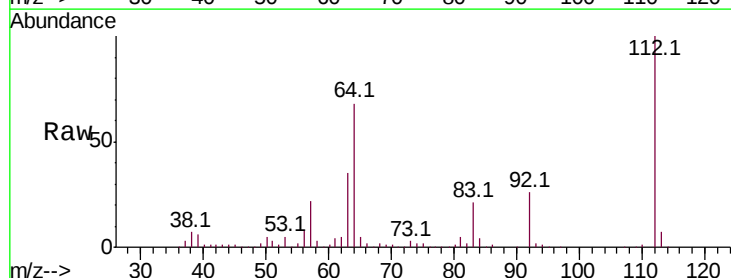
Tgt Ion:112 Resp: 491349

Ion Ratio Lower Upper

112 100

64 67.5 57.2 85.8

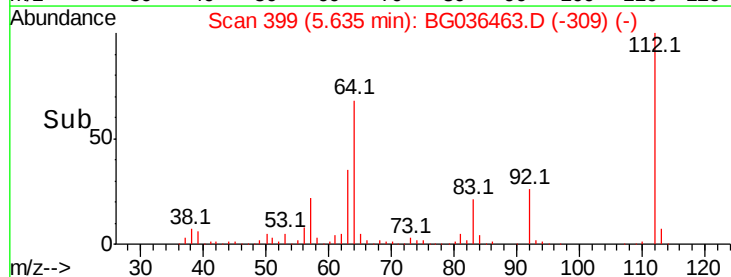
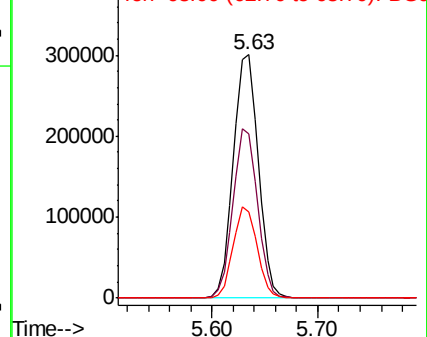
63 35.2 30.8 46.2

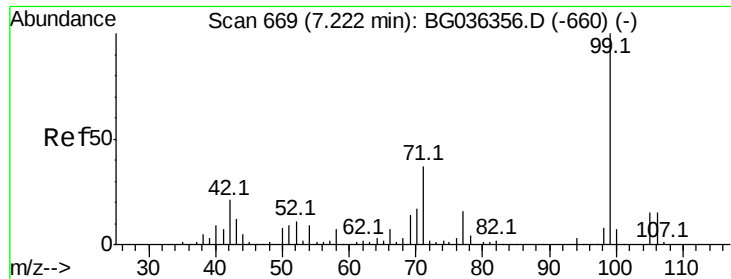


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 123.466 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036463.D

Acq: 28 Aug 2018 18:19

Instrument :

BNA_G

ClientSampled :

PB112432BL

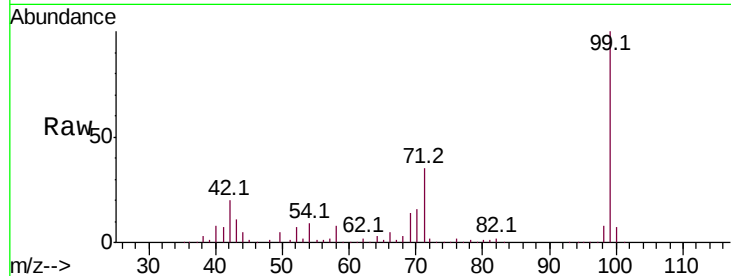
Tot Ion: 99 Resp: 693832

Ion Ratio Lower Upper

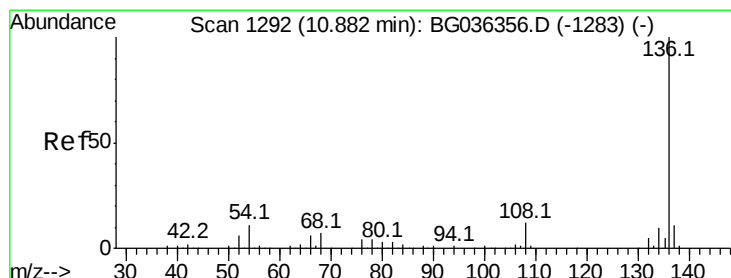
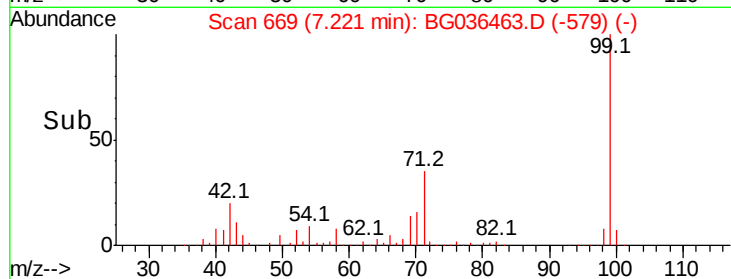
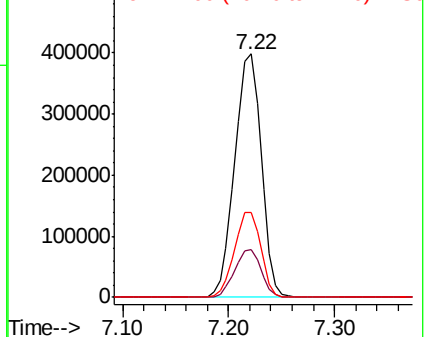
99 100

42 19.5 16.5 24.7

71 35.1 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# 1290

Delta R.T. -0.01 min

Lab File: BG036463.D

Acq: 28 Aug 2018 18:19

Tgt Ion: 136 Resp: 259271

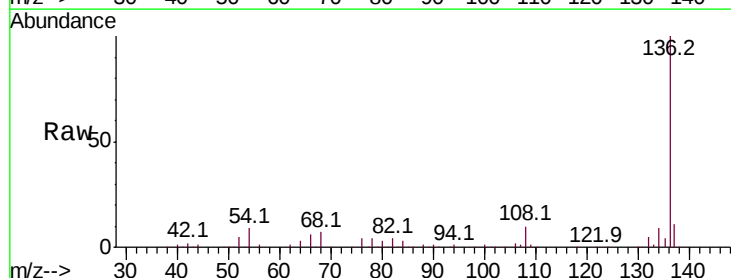
Ion Ratio Lower Upper

136 100

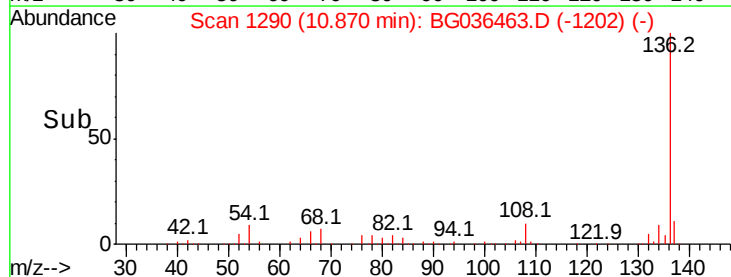
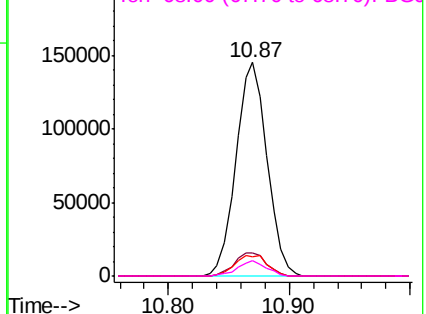
137 10.7 8.8 13.2

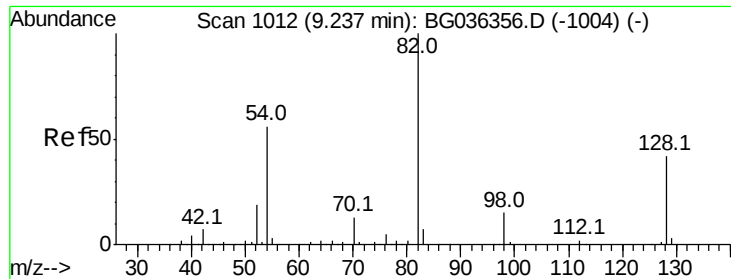
54 9.1 9.2 13.8#

68 7.1 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

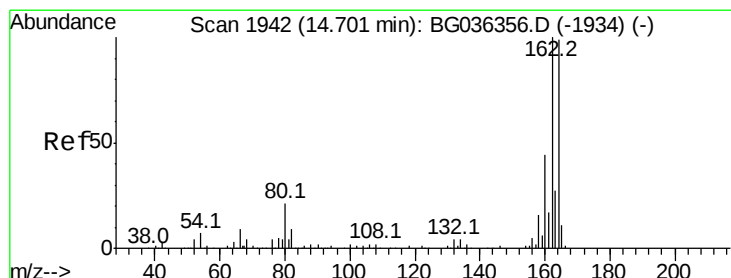
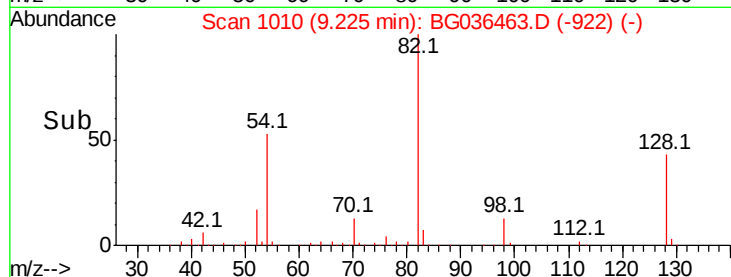
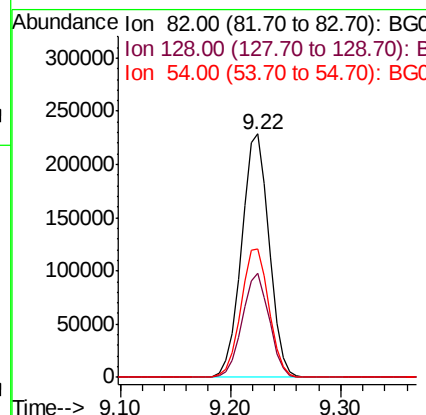
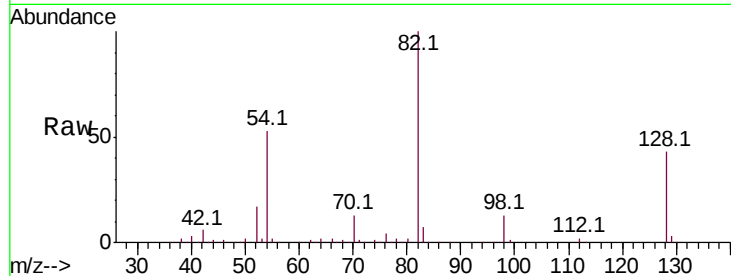




#23
 Nitrobenzene-d5
 Concen: 84.024 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BG036463.D
 Acq: 28 Aug 2018 18:19

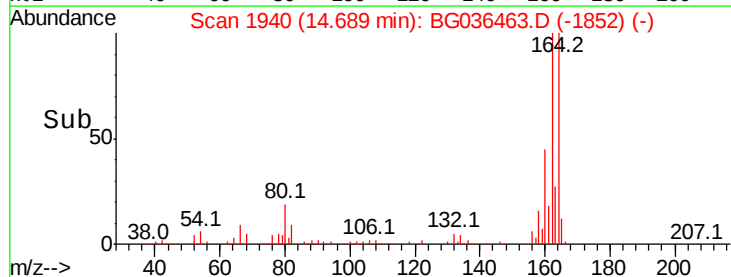
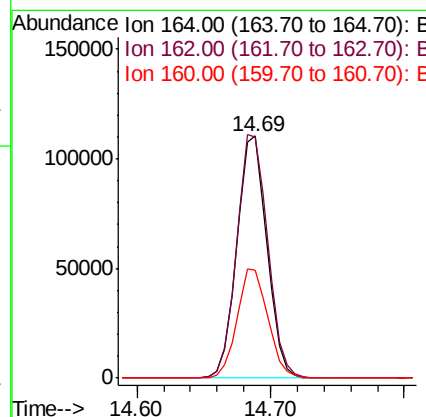
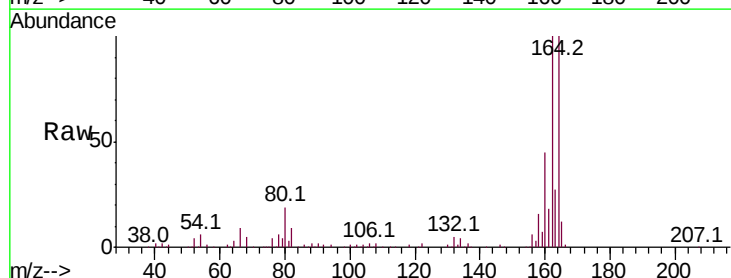
Instrument :
 BNA_G
 ClientSampleId :
 PB112432BL

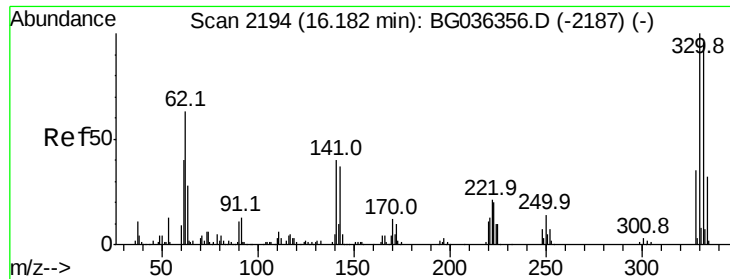
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.3	49.9
54	52.5	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG036463.D
 Acq: 28 Aug 2018 18:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.7	121.1
160	44.5	35.3	52.9

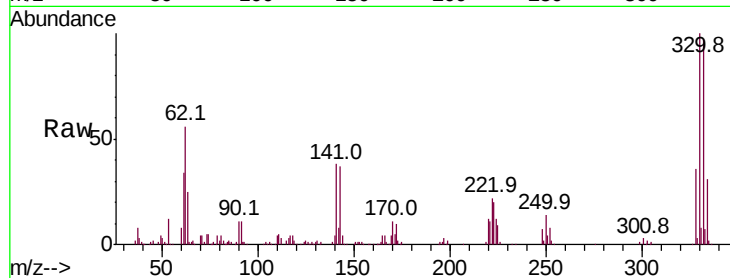




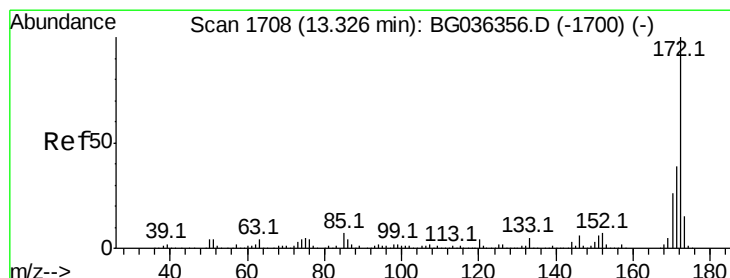
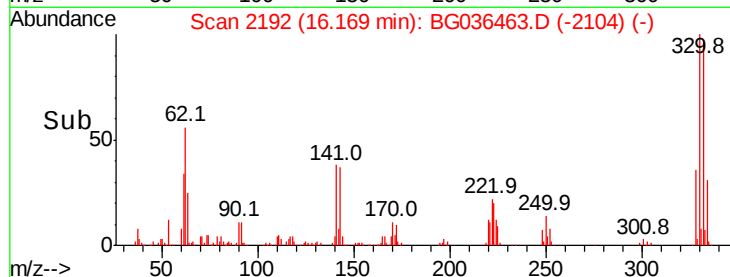
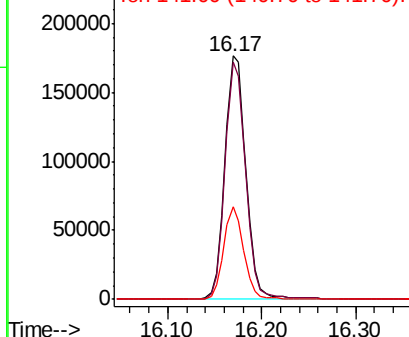
#41
 2,4,6-Tribromophenol
 Concen: 134.166 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036463.D
 Acq: 28 Aug 2018 18:19

Instrument :
 BNA_G
 ClientSampleId :
 PB112432BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	75.4	113.2
141	36.2	30.7	46.1

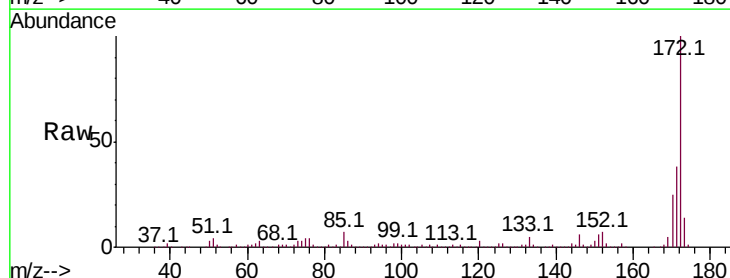


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

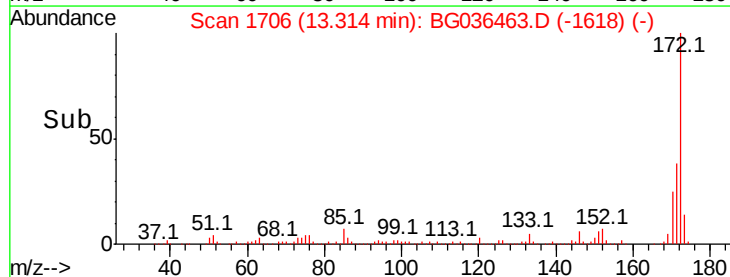
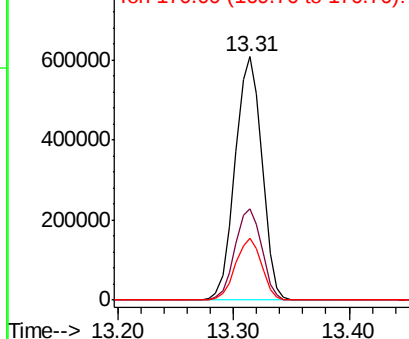


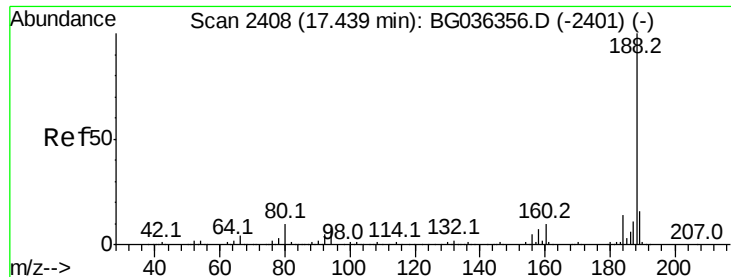
#44
 2-Fluorobiphenyl
 Concen: 80.893 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036463.D
 Acq: 28 Aug 2018 18:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.3	46.9
170	25.5	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

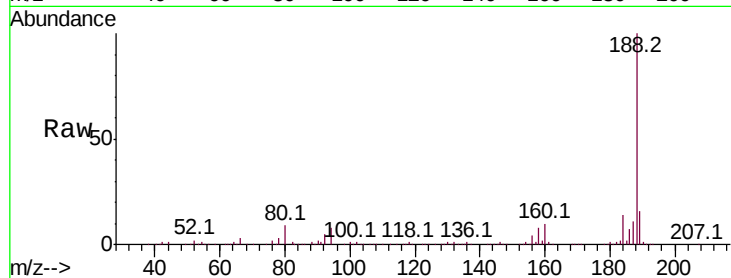




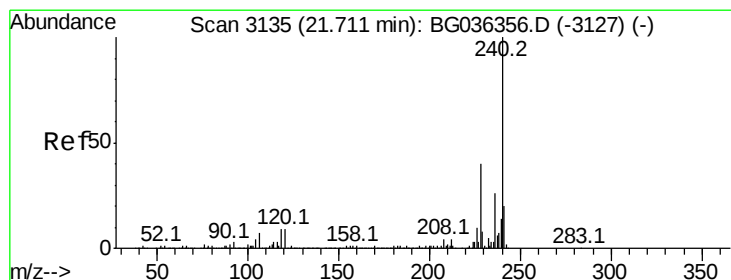
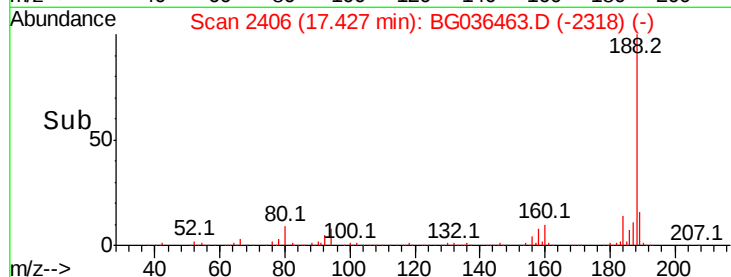
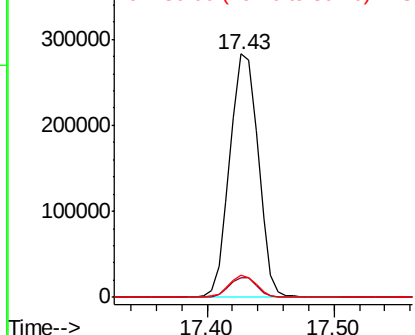
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG036463.D
Acq: 28 Aug 2018 18:19

Instrument :
BNA_G
ClientSampleId :
PB112432BL

Tot Ion:188 Resp: 440119
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 9.2 8.1 12.1

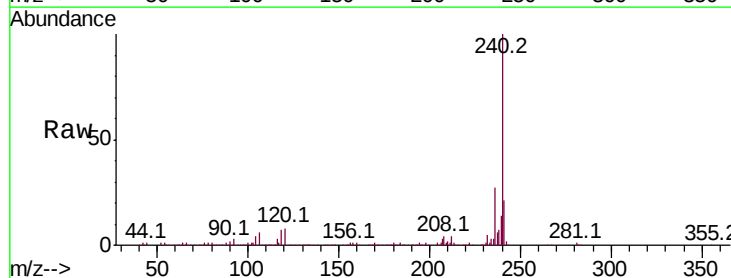


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

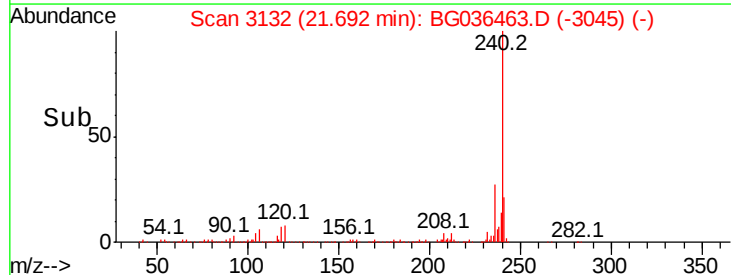
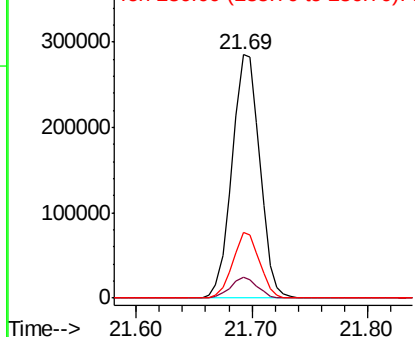


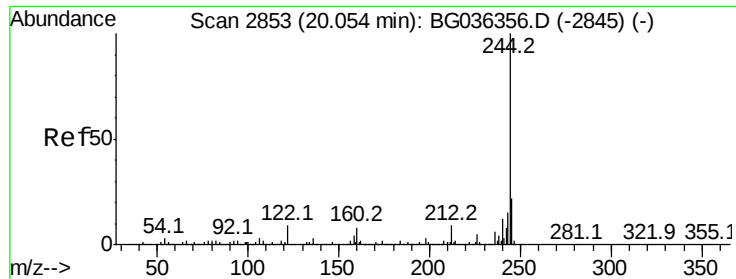
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.02 min
Lab File: BG036463.D
Acq: 28 Aug 2018 18:19

Tgt Ion:240 Resp: 476859
Ion Ratio Lower Upper
240 100
120 8.5 6.9 10.3
236 27.1 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: 81.232 ng

RT: 20.04 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG036463.D

Acq: 28 Aug 2018 18:19

Instrument :

BNA_G

ClientSampleId :

PB112432BL

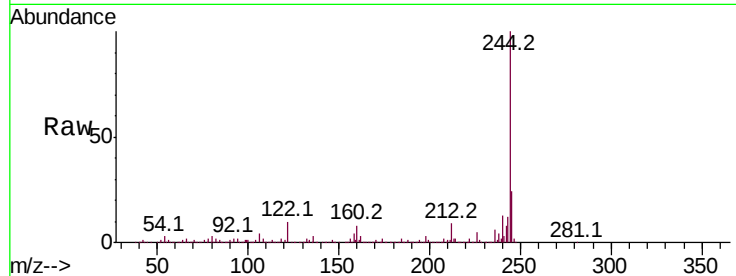
Tot Ion:244 Resp: 1657283

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	9.8	7.1	10.7

244 100

212 9.0 7.0 10.6

122 9.8 7.1 10.7

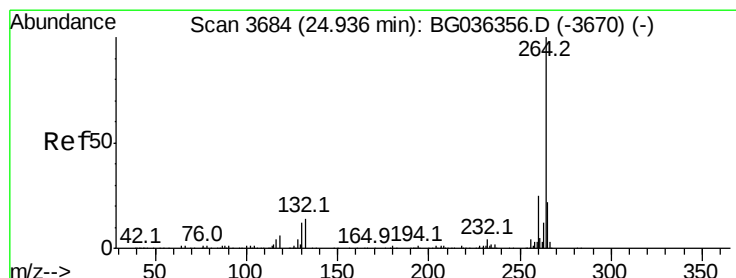
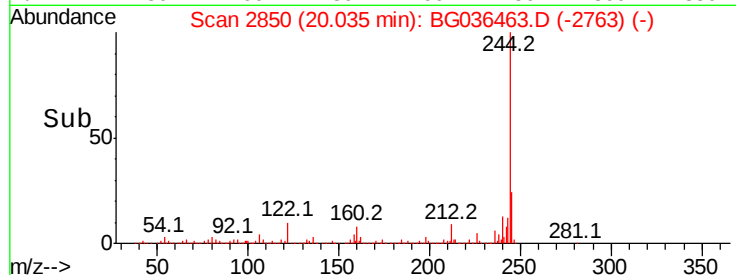
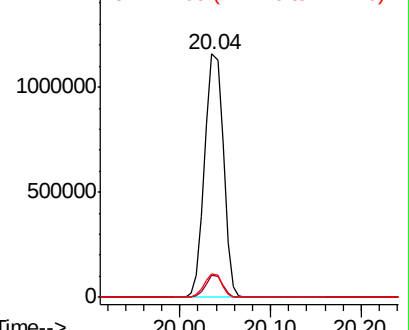


Abundance

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: 24.91 min Scan# 3680

Delta R.T. -0.02 min

Lab File: BG036463.D

Acq: 28 Aug 2018 18:19

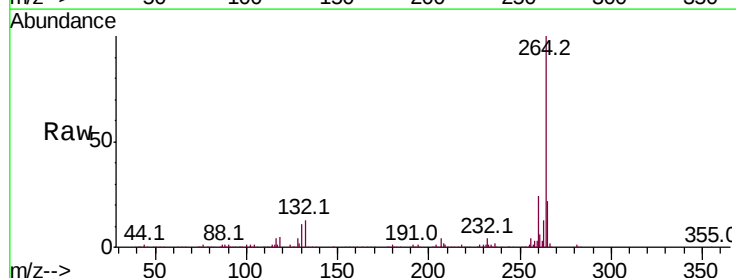
Tgt Ion:264 Resp: 475833

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	21.9	17.4	26.0

264 100

260 23.7 19.6 29.4

265 21.9 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

