

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036450.D
 Acq On : 28 Aug 2018 4:26
 Operator : JU/SJ
 Sample : J4621-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-1

Quant Time: Aug 28 05:21:08 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	58175	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	241596	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	152152	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	393444	20.00	ng	0.00
75) Chrysene-d12	21.70	240	429771	20.00	ng	-0.01
86) Perylene-d12	24.91	264	424790	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	390078	106.37	ng	0.00
7) Phenol-d6	7.22	99	479400	91.30	ng	0.00
23) Nitrobenzene-d5	9.22	82	366921	82.40	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	231331	127.42	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	847383	79.52	ng	-0.01
78) Terphenyl-d14	20.04	244	1477220	80.34	ng	-0.01

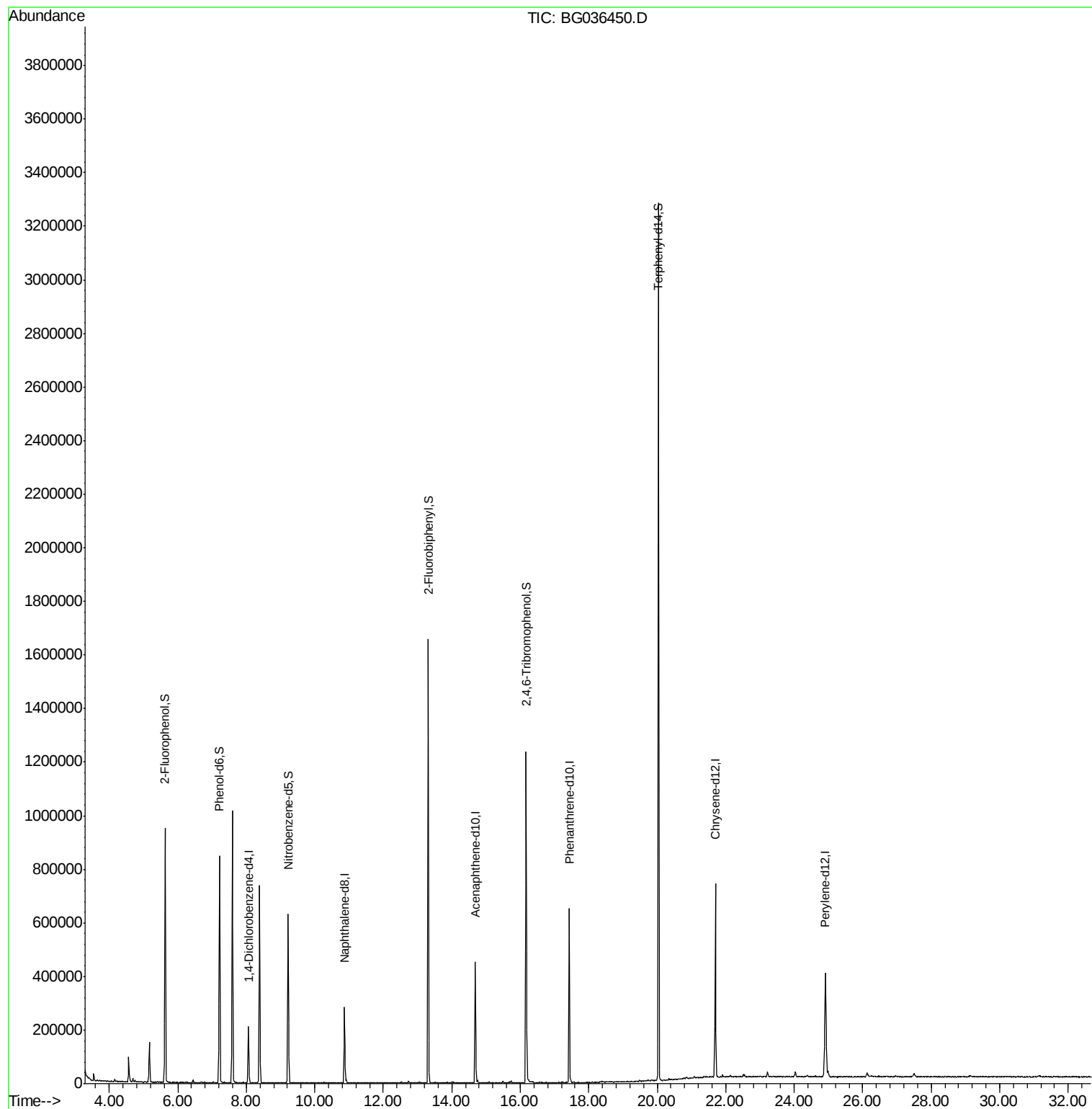
Target Compounds Qvalue

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

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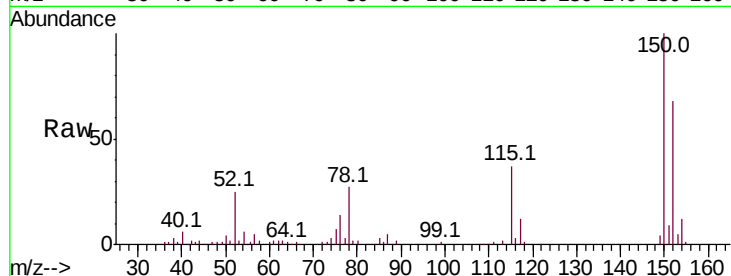


#1

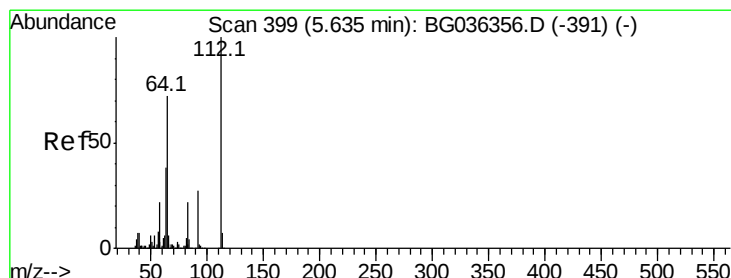
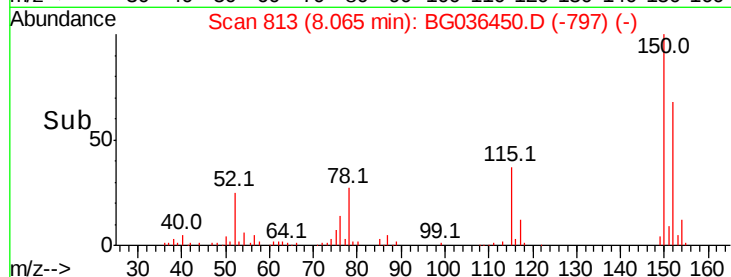
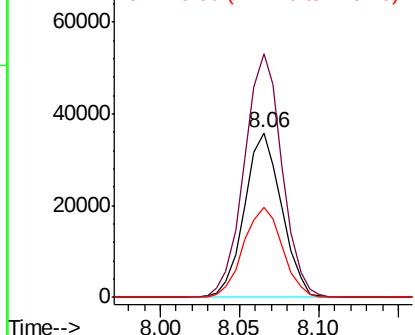
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036450.D
Acq: 28 Aug 2018 4:26

Instrument :
BNA_G
ClientSampleId :
SP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.0	119.5	179.3
115	54.3	44.5	66.7



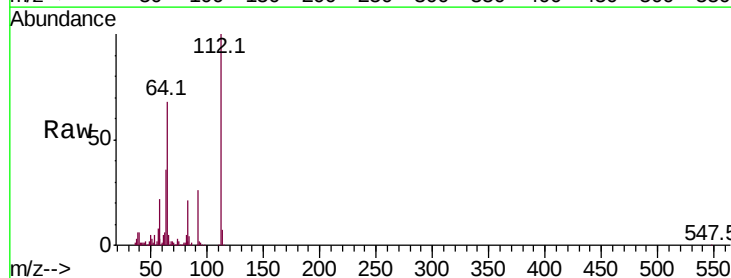
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



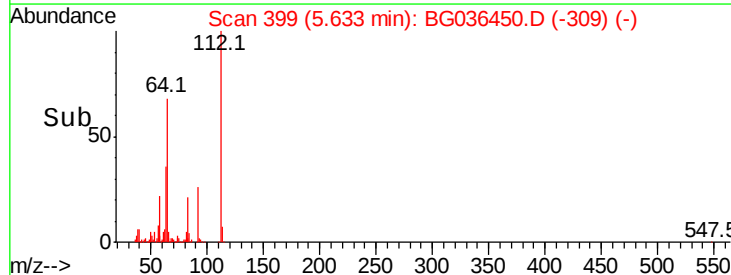
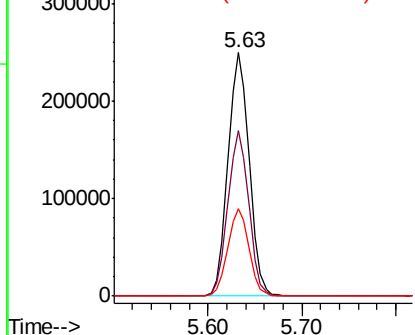
#5

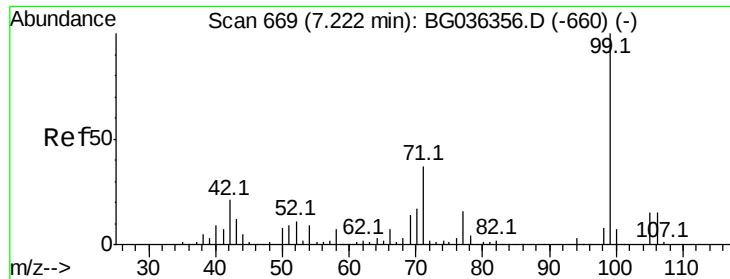
2-Fluorophenol
Concen: 106.365 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036450.D
Acq: 28 Aug 2018 4:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.8	57.2	85.8
63	35.7	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: 91.301 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036450.D

Acq: 28 Aug 2018 4:26

Instrument :

BNA_G

ClientSampleId :

SP-1

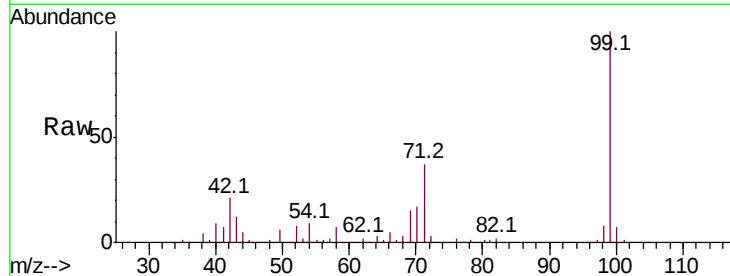
Tot Ion: 99 Resp: 479400

Ion Ratio Lower Upper

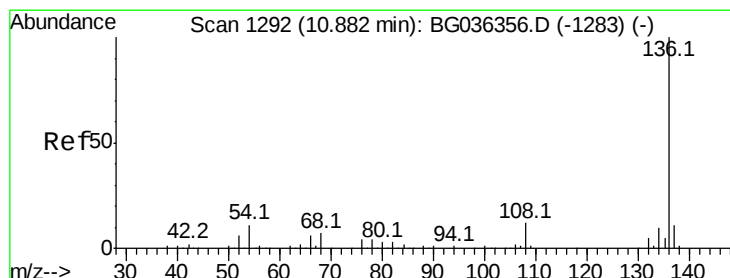
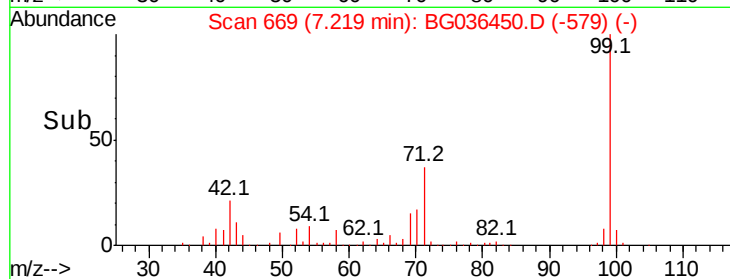
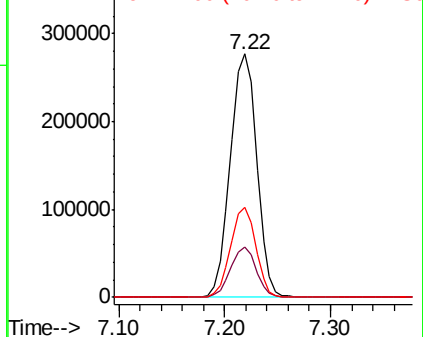
99 100

42 20.9 16.5 24.7

71 37.0 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: BG036450.D

Acq: 28 Aug 2018 4:26

Tgt Ion:136 Resp: 241596

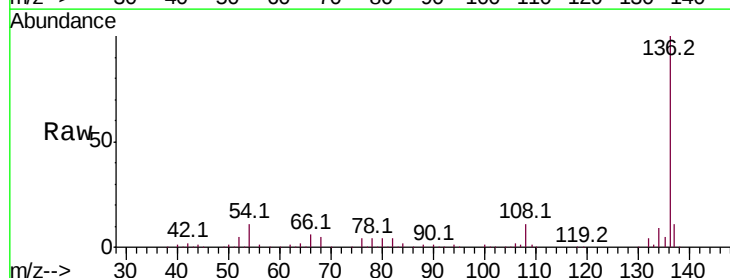
Ion Ratio Lower Upper

136 100

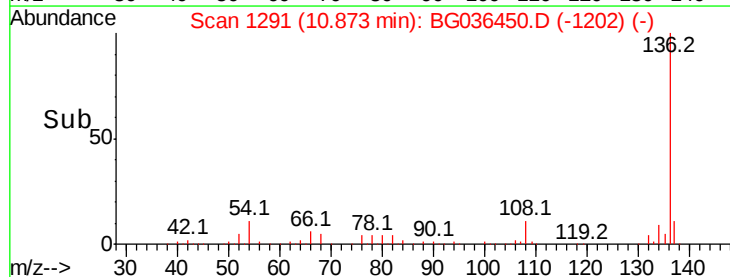
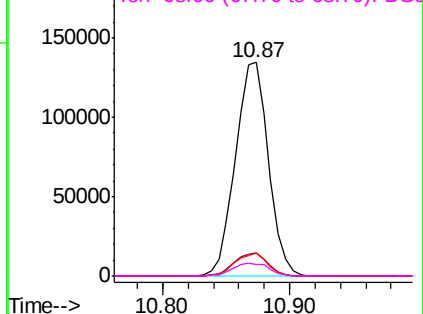
137 10.9 8.8 13.2

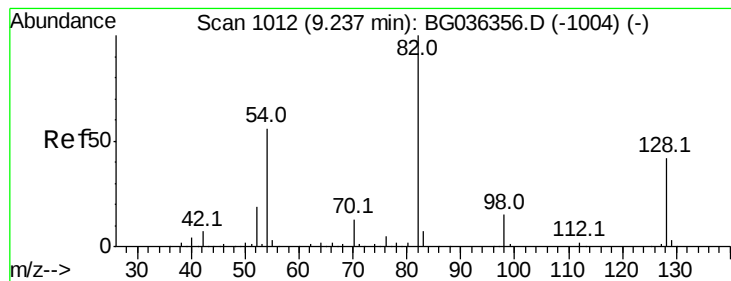
54 10.9 9.2 13.8

68 5.3 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: 82.402 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BG036450.D

Acq: 28 Aug 2018 4:26

Instrument :

BNA_G

ClientSampled :

SP-1

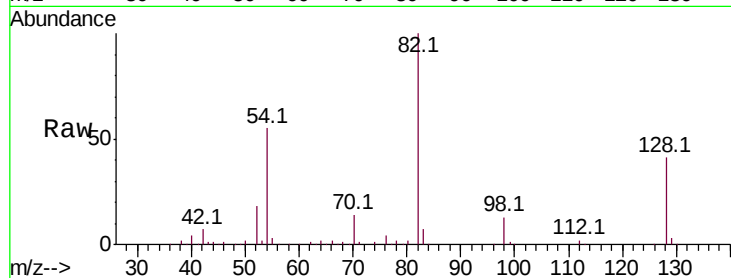
Tot Ion: 82 Resp: 366921

Ion Ratio Lower Upper

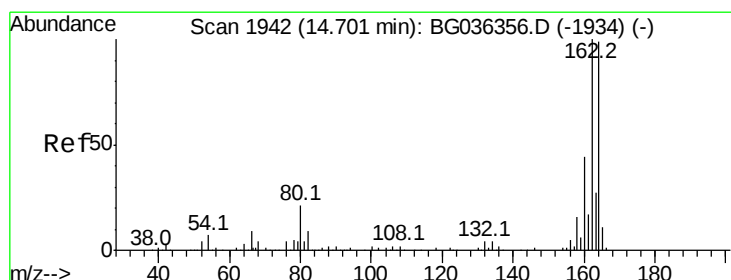
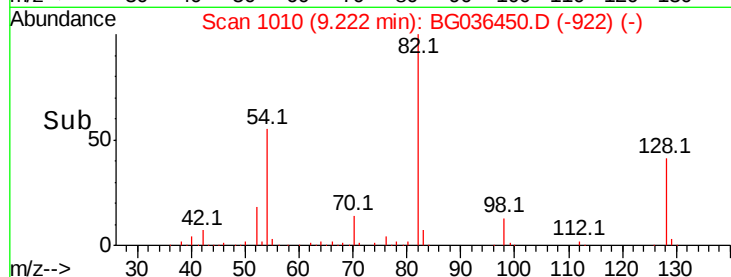
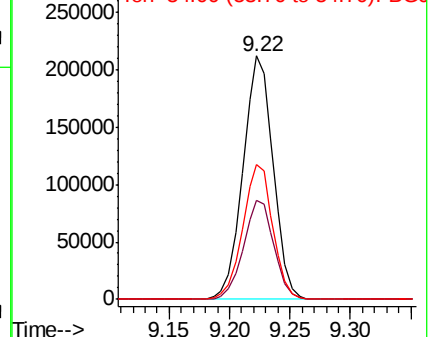
82 100

128 40.8 33.3 49.9

54 55.4 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: BG036450.D

Acq: 28 Aug 2018 4:26

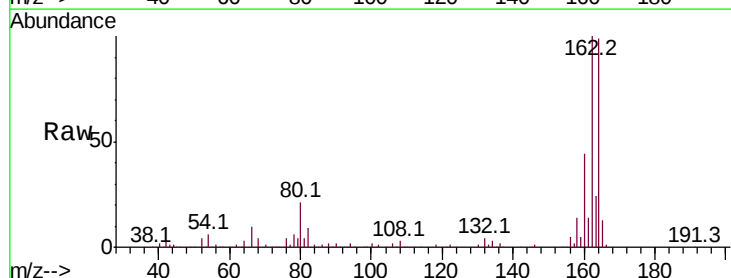
Tgt Ion: 164 Resp: 152152

Ion Ratio Lower Upper

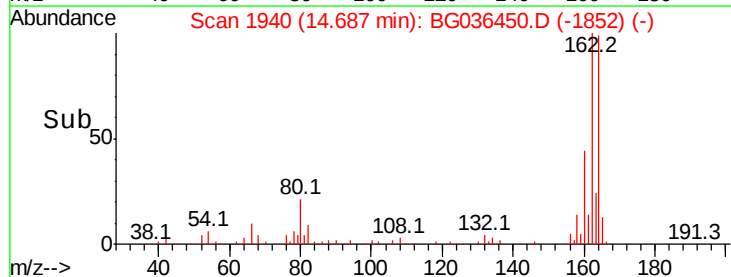
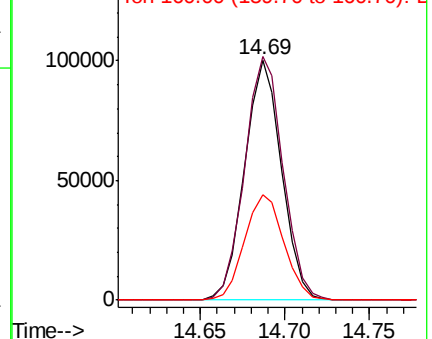
164 100

162 101.3 80.7 121.1

160 44.1 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

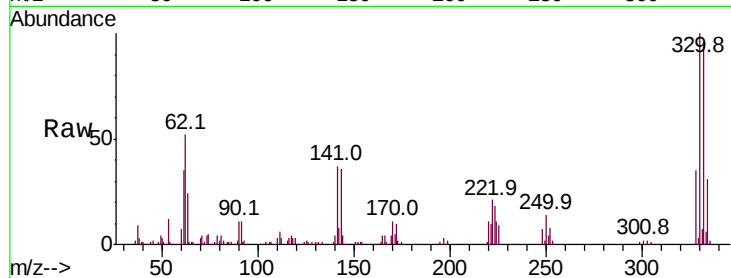




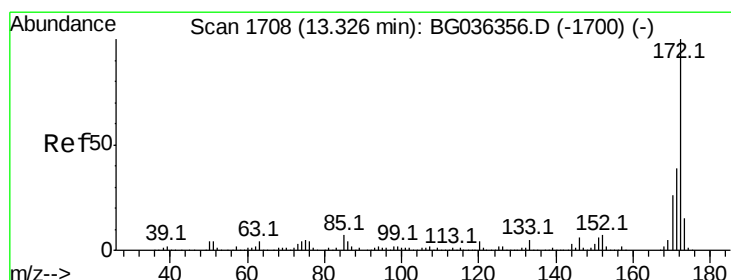
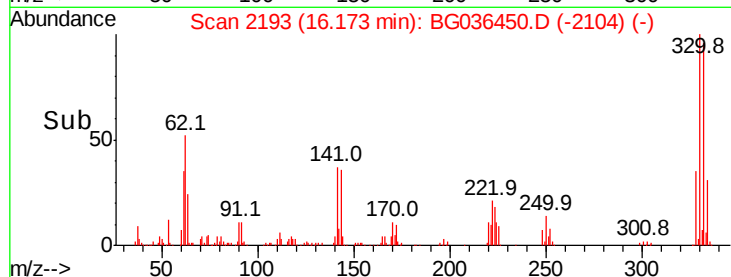
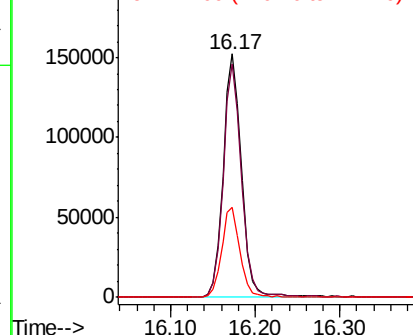
#41
 2,4,6-Tribromophenol
 Concen: 127.419 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036450.D
 Acq: 28 Aug 2018 4:26

Instrument :
 BNA_G
 ClientSampled :
 SP-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.4	113.2
141	37.2	30.7	46.1

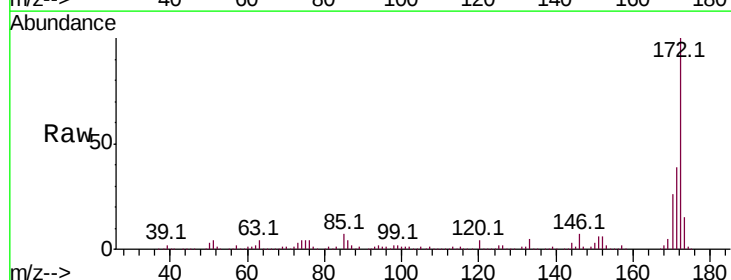


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

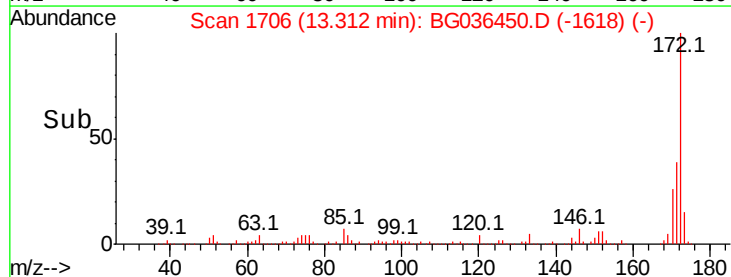
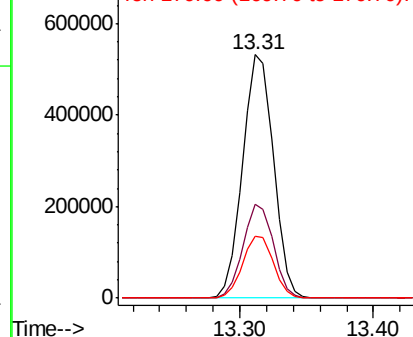


#44
 2-Fluorobiphenyl
 Concen: 79.520 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036450.D
 Acq: 28 Aug 2018 4:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.3	46.9
170	25.7	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

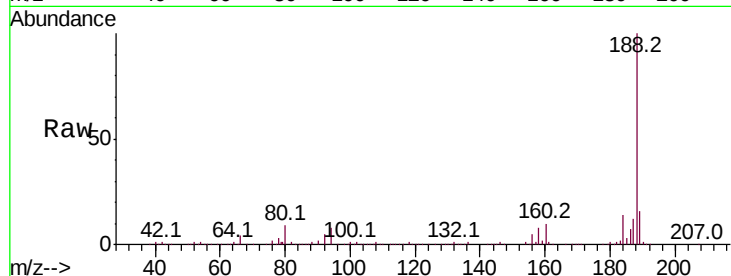




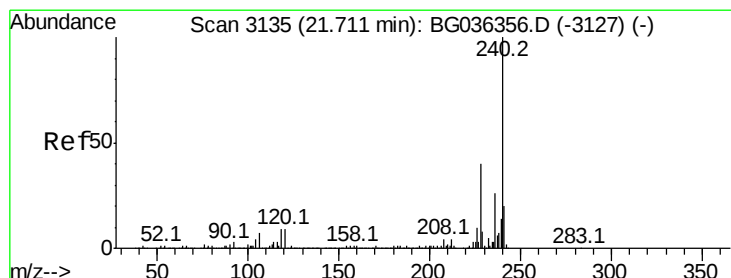
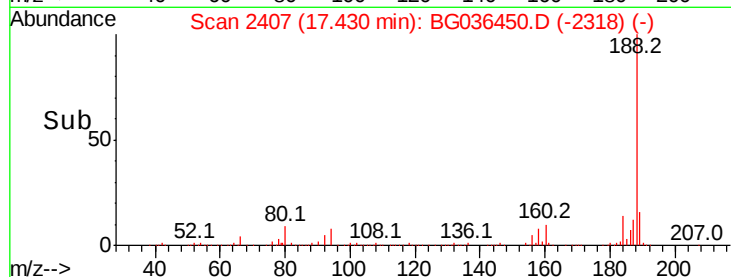
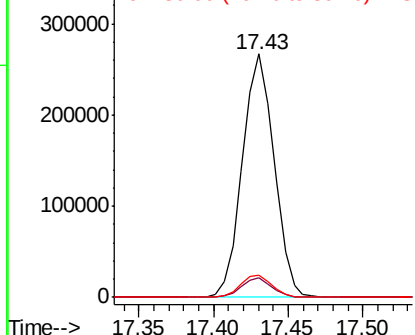
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG036450.D
Acq: 28 Aug 2018 4:26

Instrument :
BNA_G
ClientSampleId :
SP-1

Tot Ion:188 Resp: 393444
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 9.0 8.1 12.1

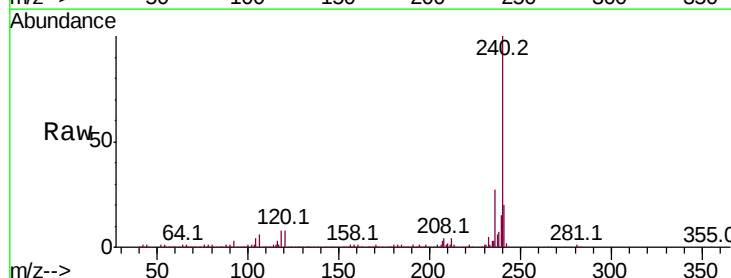


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

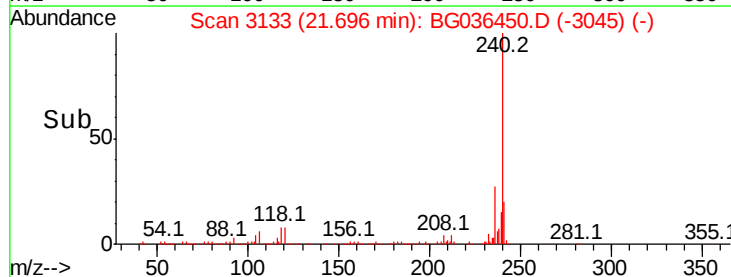
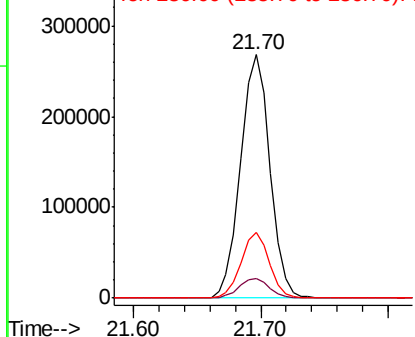


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG036450.D
Acq: 28 Aug 2018 4:26

Tgt Ion:240 Resp: 429771
Ion Ratio Lower Upper
240 100
120 8.1 6.9 10.3
236 26.8 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



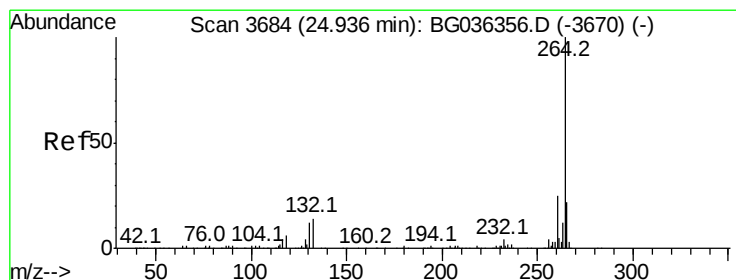
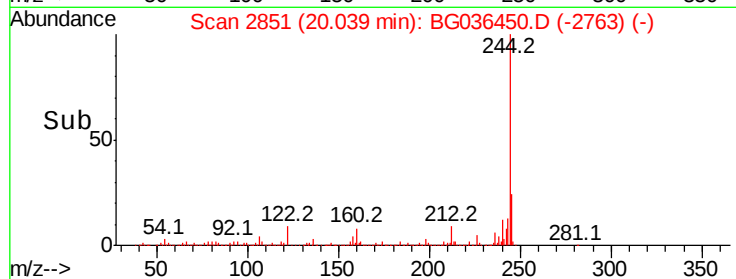
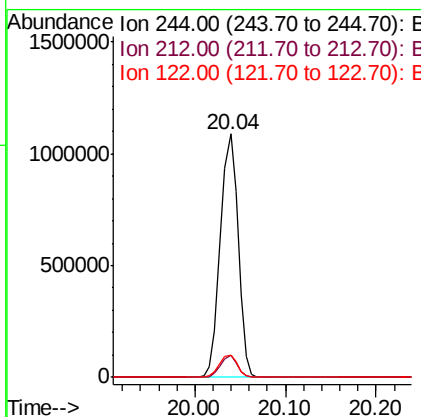
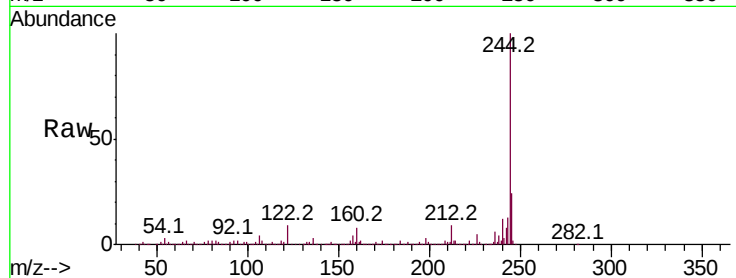


#78
 Terphenyl-d14
 Concen: 80.340 ng
 RT: 20.04 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BG036450.D
 Acq: 28 Aug 2018 4:26

Instrument :
 BNA_G
 ClientSampled :
 SP-1

Tot Ion:244 Resp: 1477220

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.6
122	9.3	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3680
 Delta R.T. -0.03 min
 Lab File: BG036450.D
 Acq: 28 Aug 2018 4:26

Tgt Ion:264 Resp: 424790

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	22.6	17.4	26.0

