

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083018\
 Data File : BG036498.D
 Acq On : 31 Aug 2018 3:59
 Operator : JU/SJ
 Sample : PB112500TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112500TB

Quant Time: Aug 31 05:03:05 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	53111	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	221409	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	152776	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	412510	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	448144	20.00	ng	-0.02
86) Perylene-d12	24.90	264	426368	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	411883	123.02	ng	0.00
7) Phenol-d6	7.22	99	573433	119.62	ng	0.00
23) Nitrobenzene-d5	9.22	82	333659	81.76	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	197182	108.17	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	828869	77.46	ng	-0.02
78) Terphenyl-d14	20.04	244	1497231	78.09	ng	-0.02

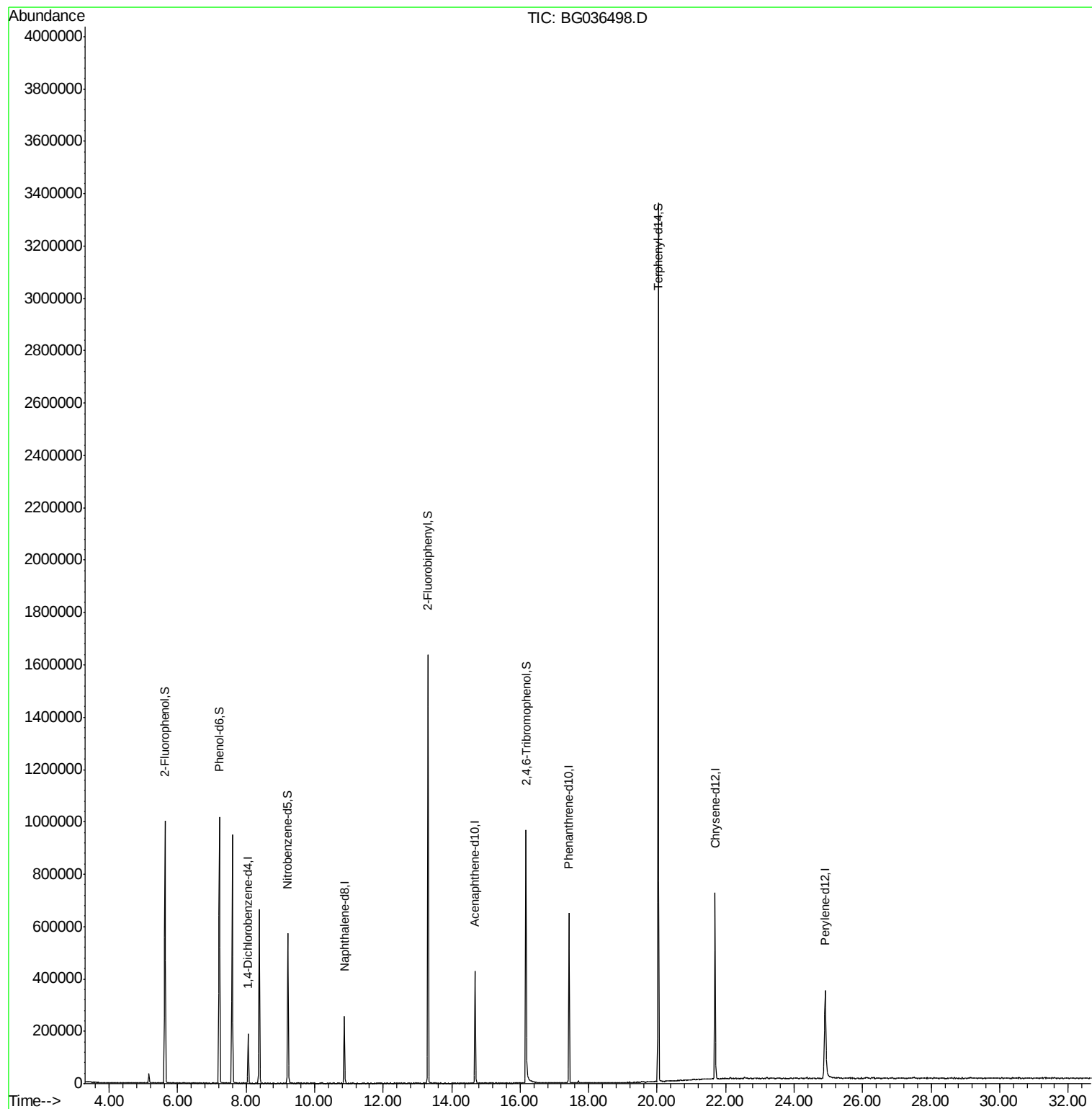
Target Compounds Qvalue

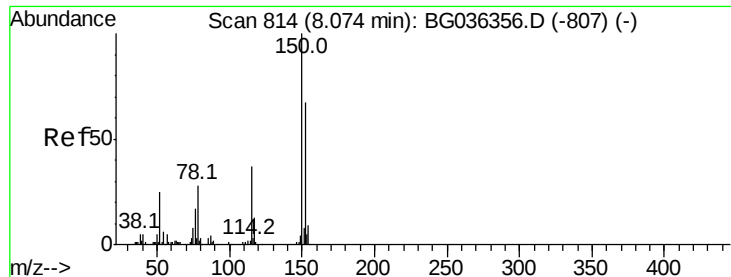
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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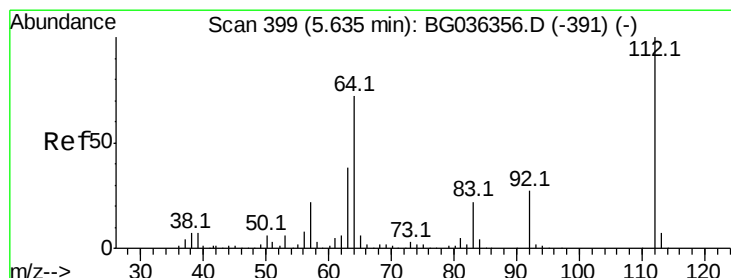
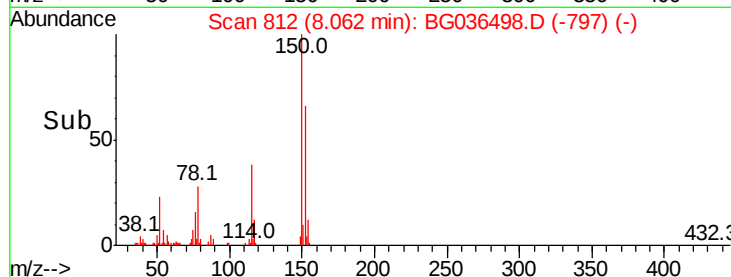
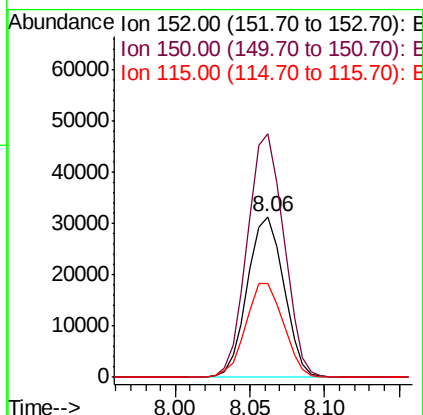
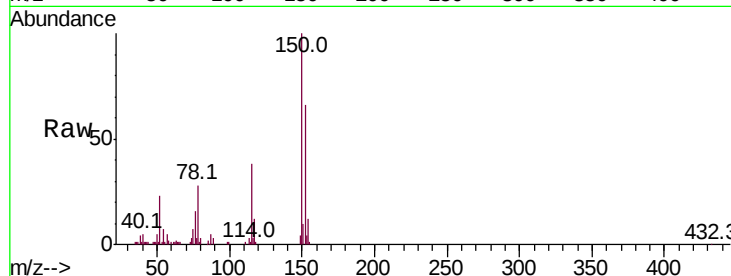


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036498.D
Acq: 31 Aug 2018 3:59

Instrument :
BNA_G
ClientSampleId :
PB112500TB

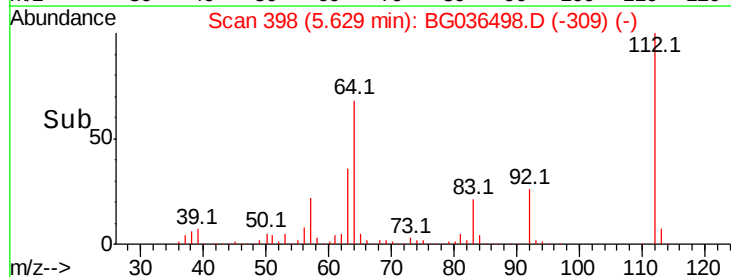
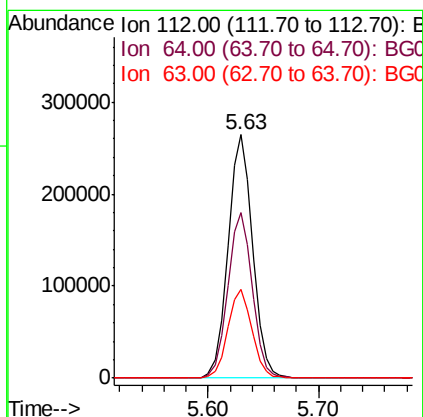
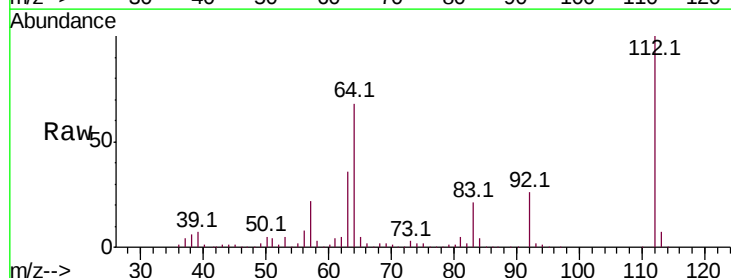
Tot Ion:152 Resp: 53111
Ion Ratio Lower Upper
152 100
150 151.6 119.5 179.3
115 58.3 44.5 66.7

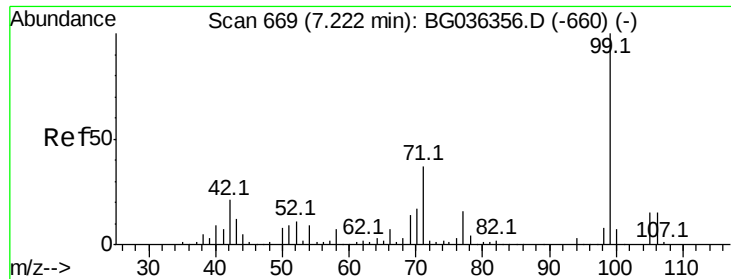


#5

2-Fluorophenol
Concen: 123.019 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG036498.D
Acq: 31 Aug 2018 3:59

Tgt Ion:112 Resp: 411883
Ion Ratio Lower Upper
112 100
64 68.0 57.2 85.8
63 36.2 30.8 46.2





#7

Phenol-d6

Concen: 119.623 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036498.D

Acq: 31 Aug 2018 3:59

Instrument :

BNA_G

ClientSampleId :

PB112500TB

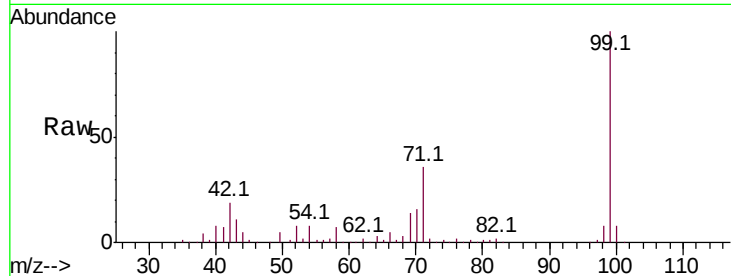
Tot Ion: 99 Resp: 573433

Ion Ratio Lower Upper

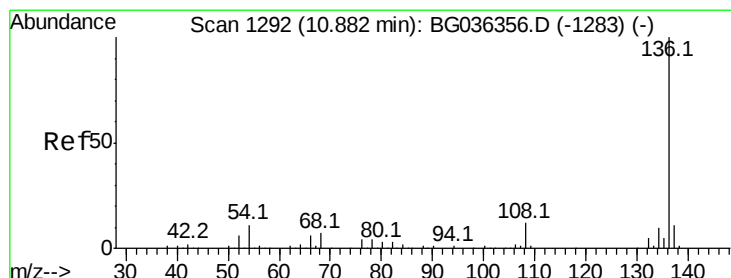
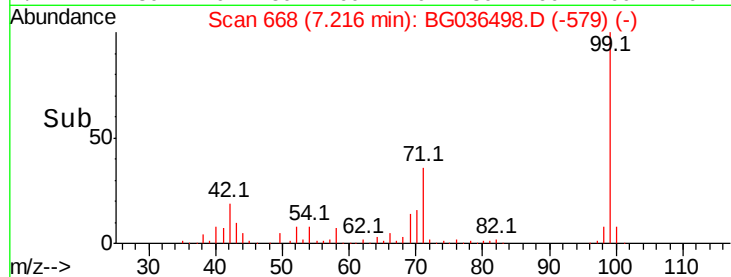
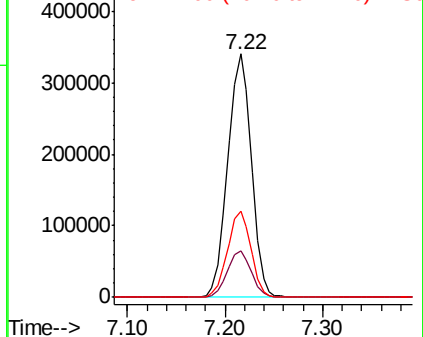
99 100

42 19.3 16.5 24.7

71 35.6 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: 10.86 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BG036498.D

Acq: 31 Aug 2018 3:59

Tgt Ion: 136 Resp: 221409

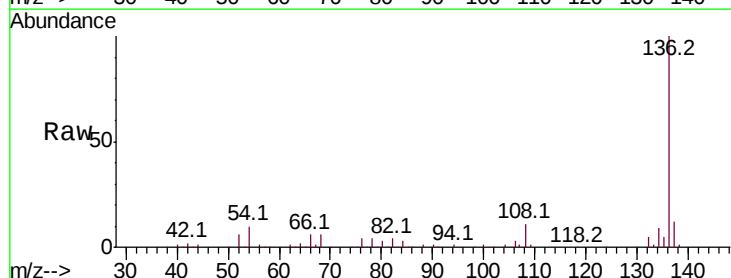
Ion Ratio Lower Upper

136 100

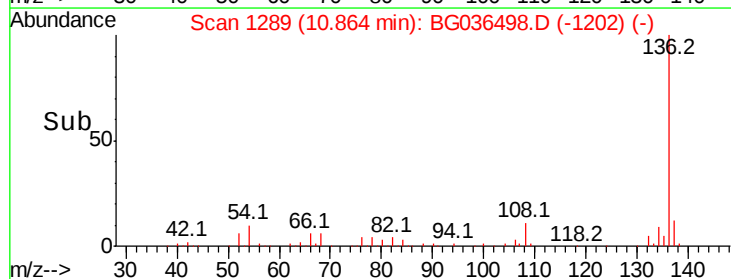
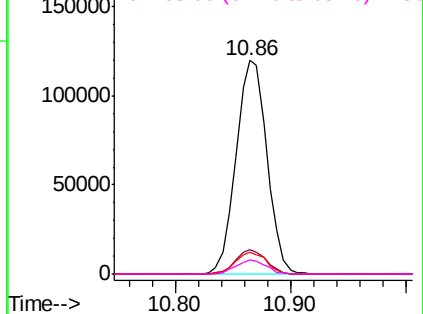
137 11.5 8.8 13.2

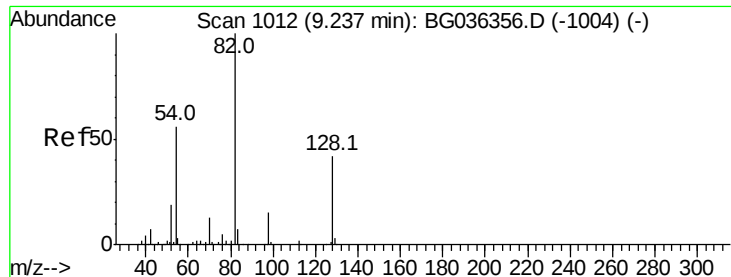
54 10.5 9.2 13.8

68 6.5 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: 81.764 ng

RT: 9.22 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BG036498.D

Acq: 31 Aug 2018 3:59

Instrument :

BNA_G

ClientSampleId :

PB112500TB

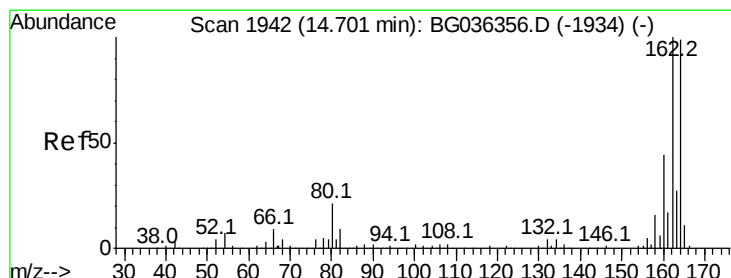
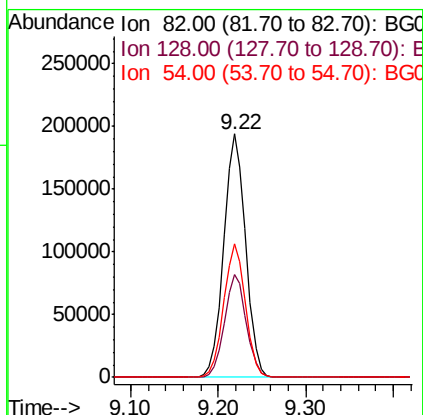
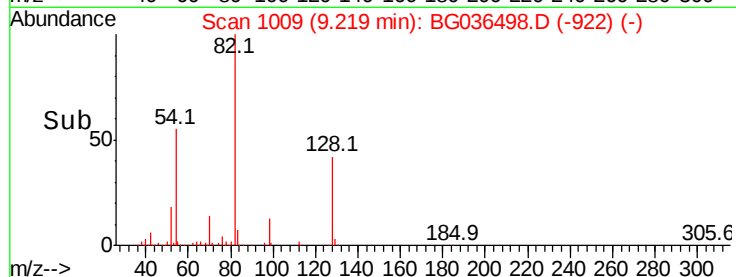
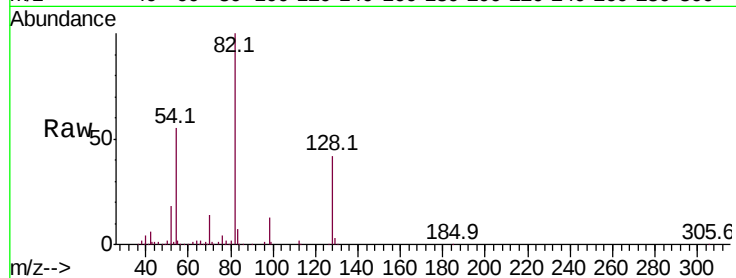
Tot Ion: 82 Resp: 333659

Ion Ratio Lower Upper

82 100

128 42.3 33.3 49.9

54 54.8 45.1 67.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG036498.D

Acq: 31 Aug 2018 3:59

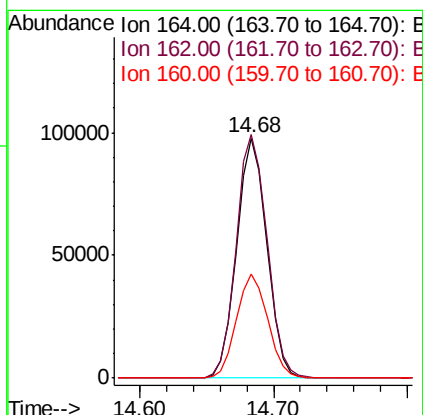
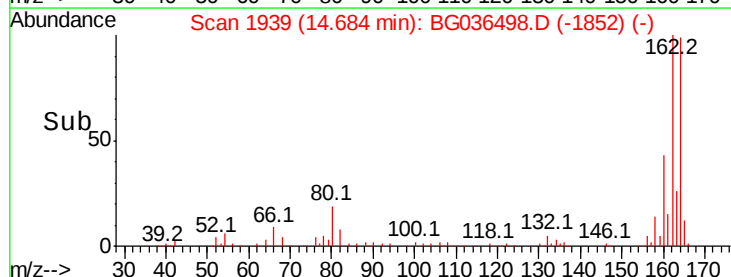
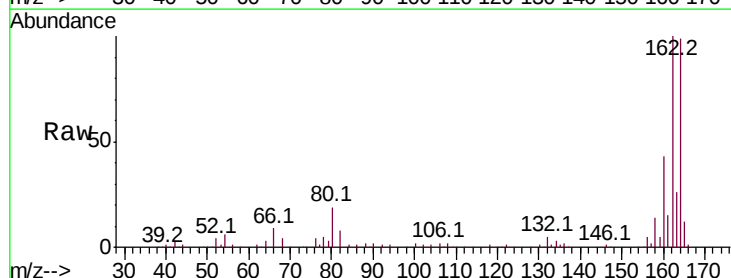
Tgt Ion: 164 Resp: 152776

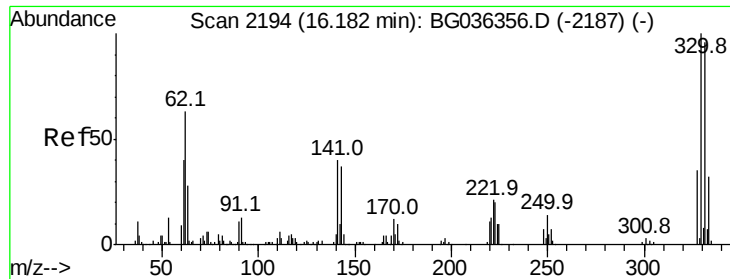
Ion Ratio Lower Upper

164 100

162 101.4 80.7 121.1

160 43.4 35.3 52.9

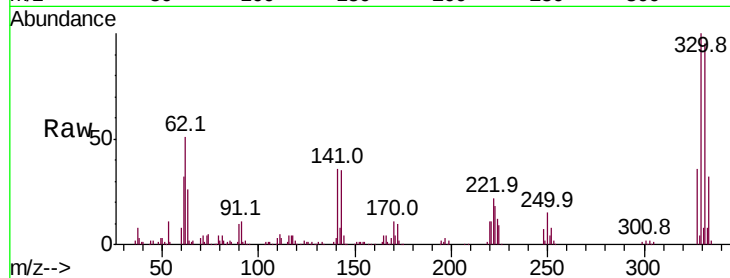




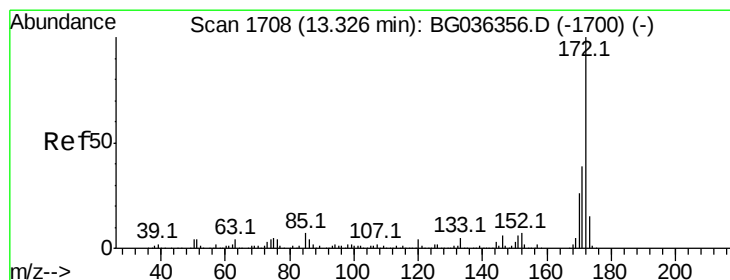
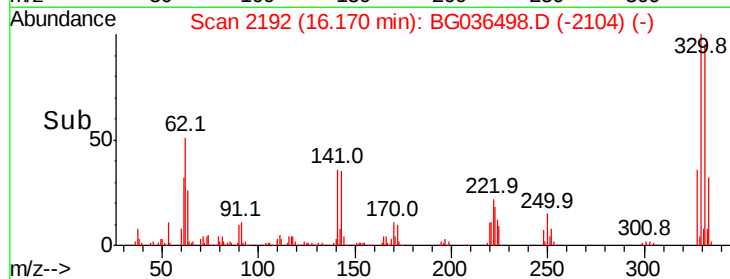
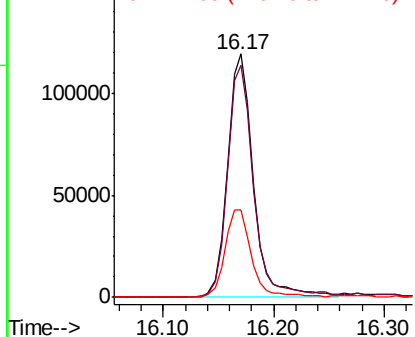
#41
 2,4,6-Tribromophenol
 Concen: 108.166 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036498.D
 Acq: 31 Aug 2018 3:59

Instrument :
 BNA_G
 ClientSampleId :
 PB112500TB

Tot Ion:330 Resp: 197182
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.4 113.2
 141 37.0 30.7 46.1

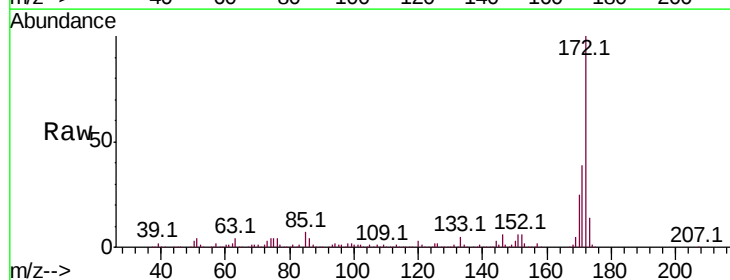


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

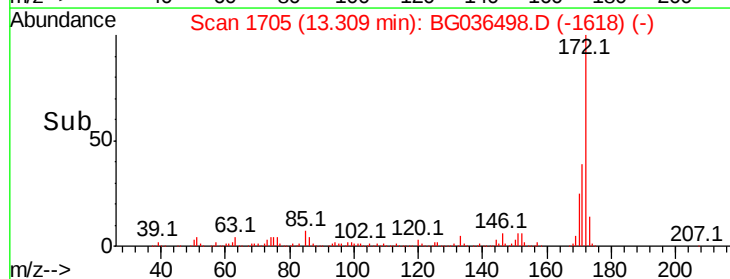
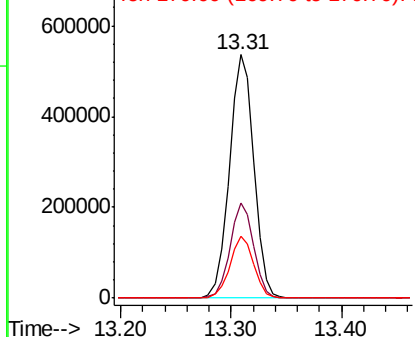


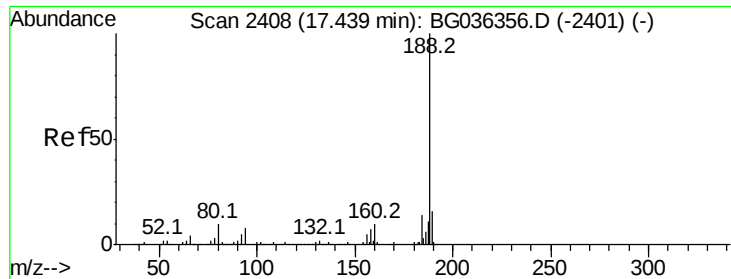
#44
 2-Fluorobiphenyl
 Concen: 77.465 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG036498.D
 Acq: 31 Aug 2018 3:59

Tgt Ion:172 Resp: 828869
 Ion Ratio Lower Upper
 172 100
 171 39.0 31.3 46.9
 170 25.3 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

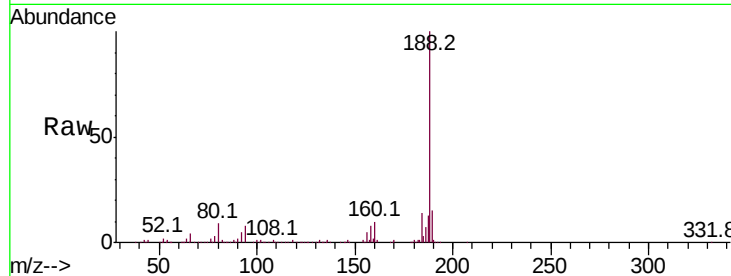




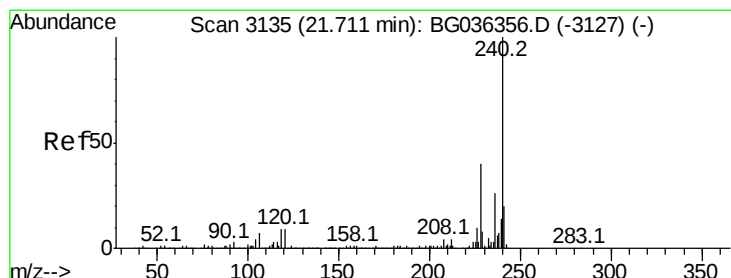
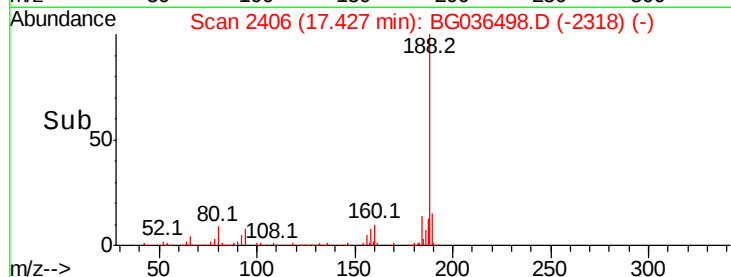
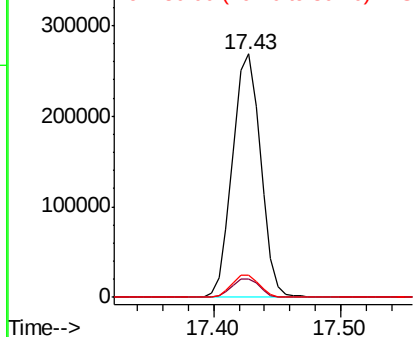
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG036498.D
Acq: 31 Aug 2018 3:59

Instrument :
BNA_G
ClientSampleId :
PB112500TB

Tot Ion:188 Resp: 412510
Ion Ratio Lower Upper
188 100
94 7.6 6.7 10.1
80 9.0 8.1 12.1

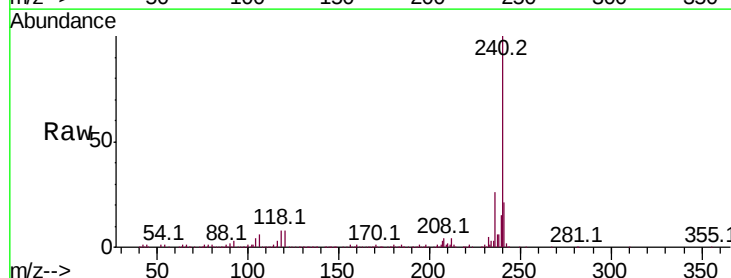


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

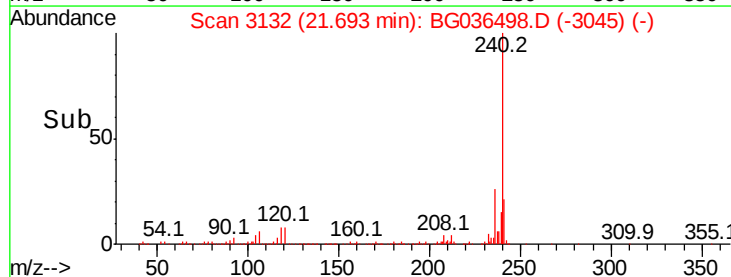
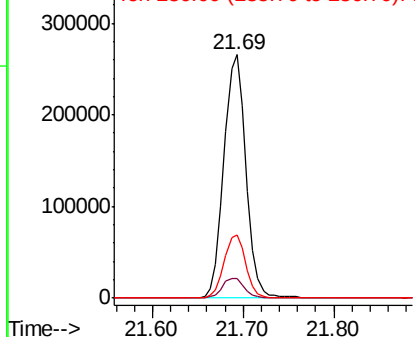


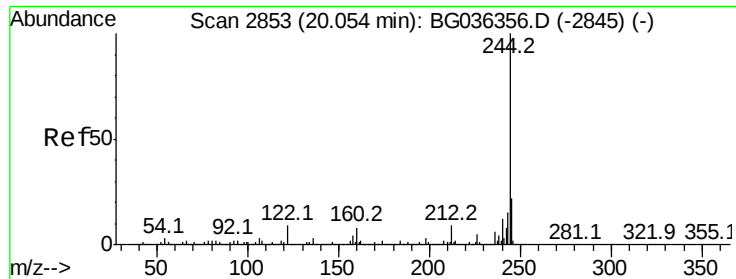
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.02 min
Lab File: BG036498.D
Acq: 31 Aug 2018 3:59

Tgt Ion:240 Resp: 448144
Ion Ratio Lower Upper
240 100
120 8.1 6.9 10.3
236 26.0 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: 78.090 ng

RT: 20.04 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG036498.D

Acq: 31 Aug 2018 3:59

Instrument :

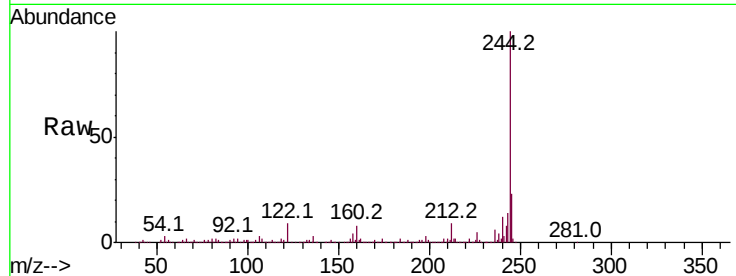
BNA_G

ClientSampleId :

PB112500TB

Tot Ion:244 Resp: 1497231

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	9.3	7.1	10.7

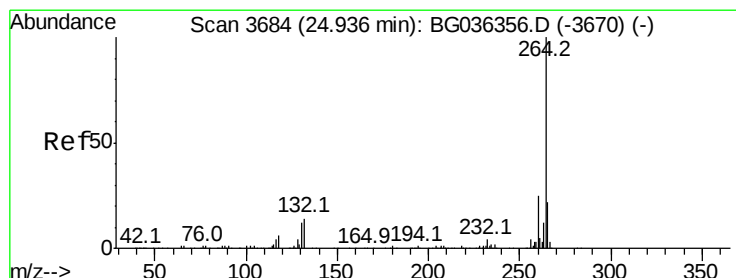
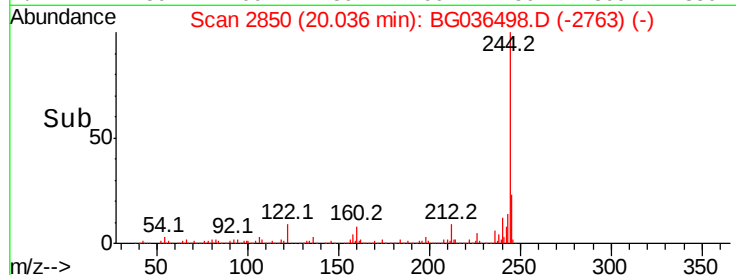
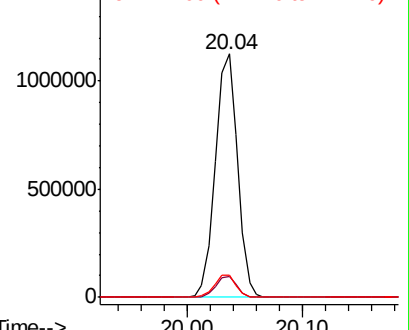


Abundance

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: 24.90 min Scan# 3678

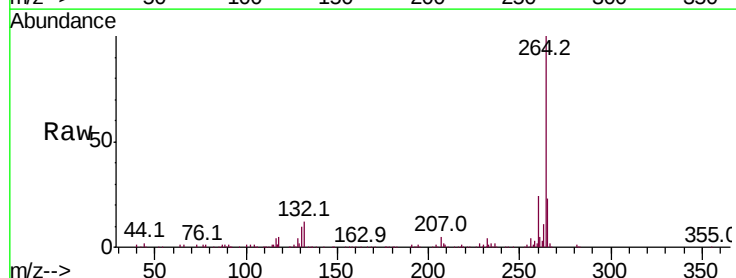
Delta R.T. -0.04 min

Lab File: BG036498.D

Acq: 31 Aug 2018 3:59

Tgt Ion:264 Resp: 426368

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	22.7	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

