

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
 Data File : BG036254.D
 Acq On : 10 Aug 2018 5:25
 Operator : JU/SJ
 Sample : PB111863TB
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111863TB

Quant Time: Aug 10 07:06:58 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	31370	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	109905	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	78957	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	216042	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	231572	20.00	ng	-0.02
86) Perylene-d12	24.83	264	212368	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	266700	141.15	ng	0.00
7) Phenol-d6	7.19	99	385089	136.60	ng	0.00
23) Nitrobenzene-d5	9.17	82	250607	95.26	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	185709	178.45	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	612586	103.94	ng	-0.02
78) Terphenyl-d14	19.99	244	1154842	109.93	ng	-0.02

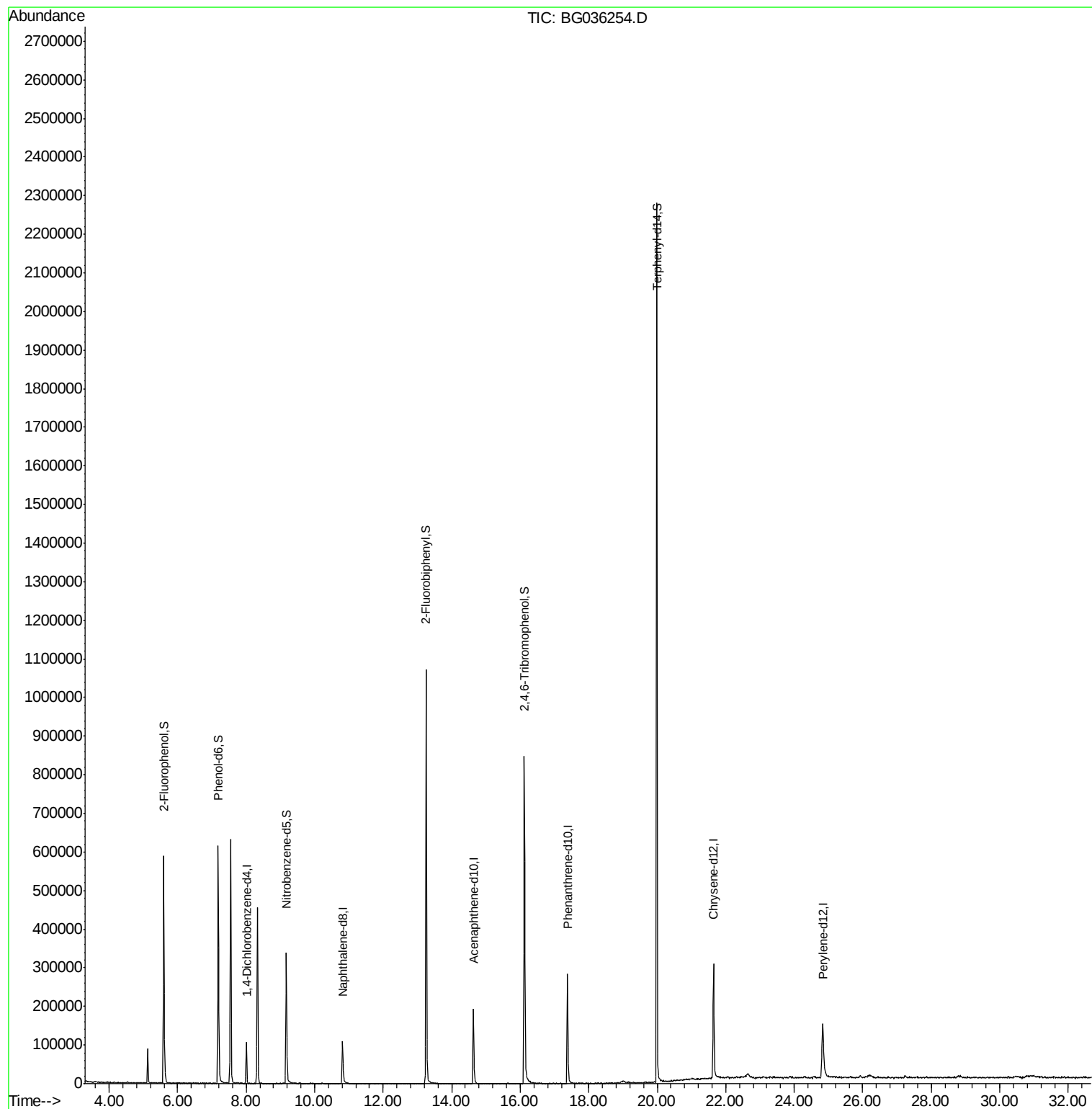
Target Compounds Qvalue

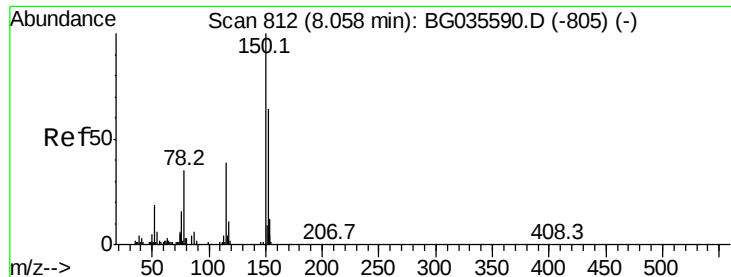
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG036254.D

Acq: 10 Aug 2018 5:25

Instrument :

BNA_G

ClientSampleId :

PB111863TB

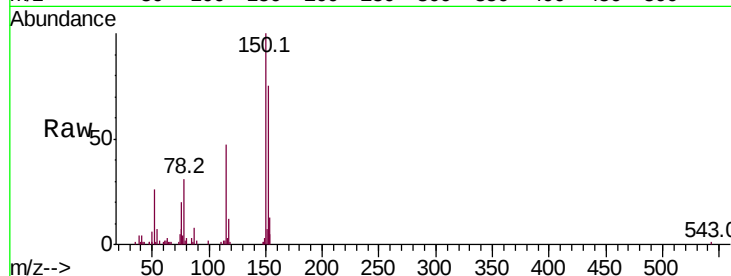
Tot Ion:152 Resp: 31370

Ion Ratio Lower Upper

152 100

150 133.6 126.6 189.8

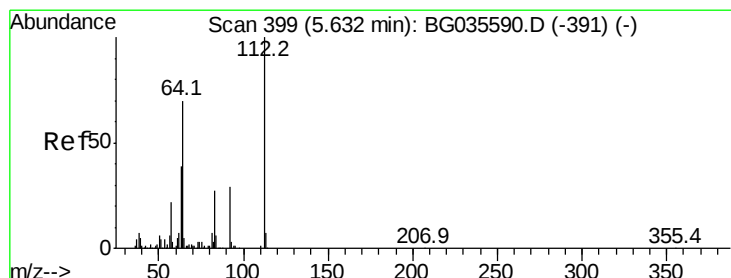
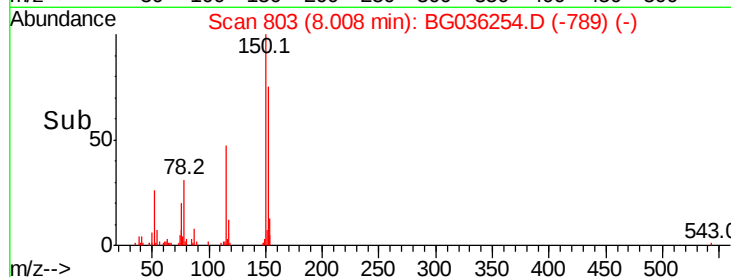
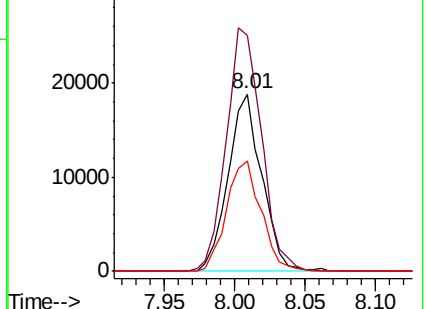
115 62.7 53.0 79.4



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: 141.149 ng

RT: 5.59 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG036254.D

Acq: 10 Aug 2018 5:25

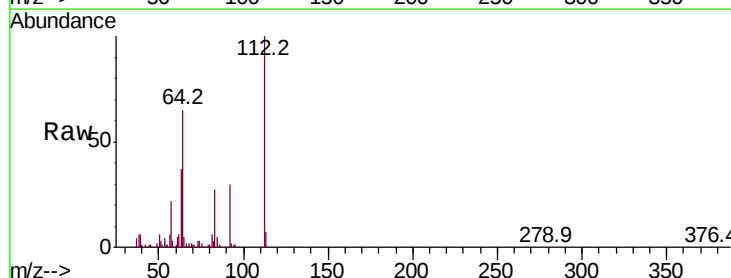
Tgt Ion:112 Resp: 266700

Ion Ratio Lower Upper

112 100

64 64.6 56.3 84.5

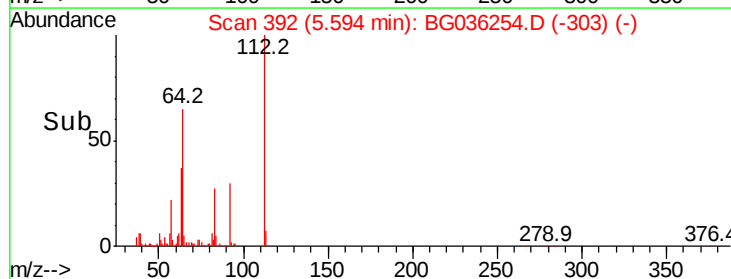
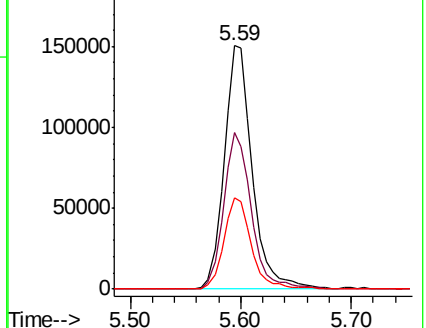
63 37.3 30.1 45.1

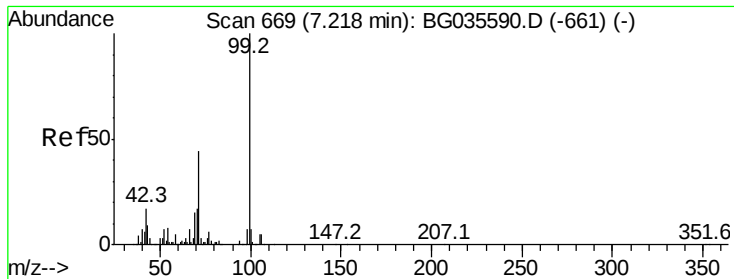


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 136.600 ng

RT: 7.19 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036254.D

Acq: 10 Aug 2018 5:25

Instrument :

BNA_G

ClientSampled :

PB111863TB

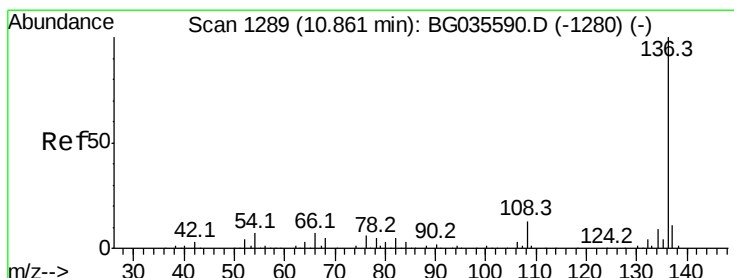
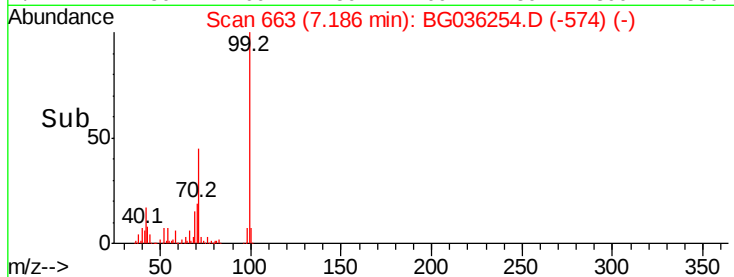
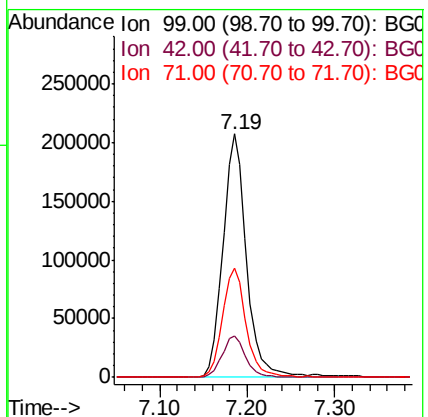
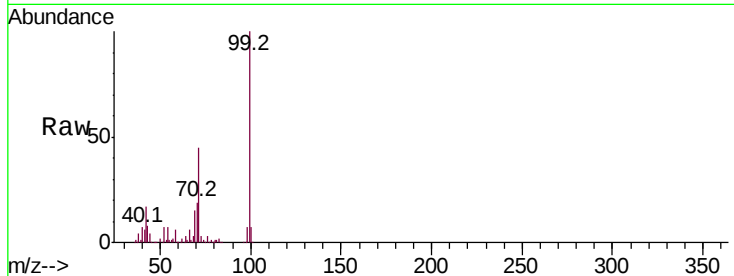
Tot Ion: 99 Resp: 385089

Ion Ratio Lower Upper

99 100

42 17.2 14.1 21.1

71 44.8 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BG036254.D

Acq: 10 Aug 2018 5:25

Tgt Ion:136 Resp: 109905

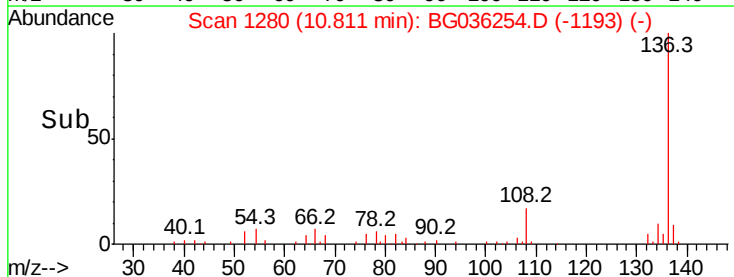
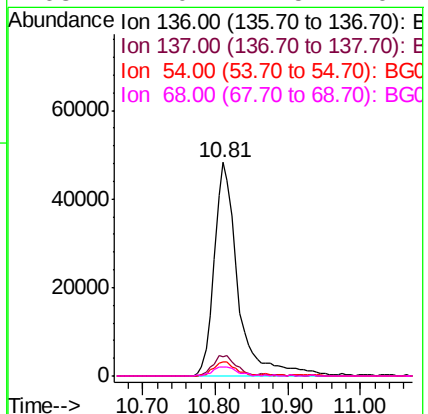
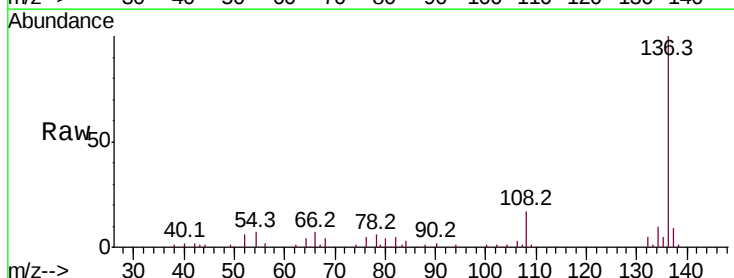
Ion Ratio Lower Upper

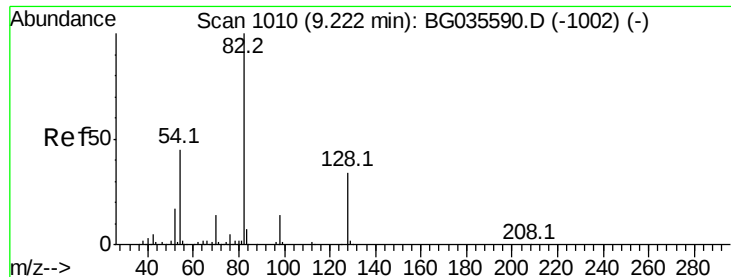
136 100

137 9.1 9.2 13.8#

54 6.6 10.3 15.5#

68 4.0 4.5 6.7#

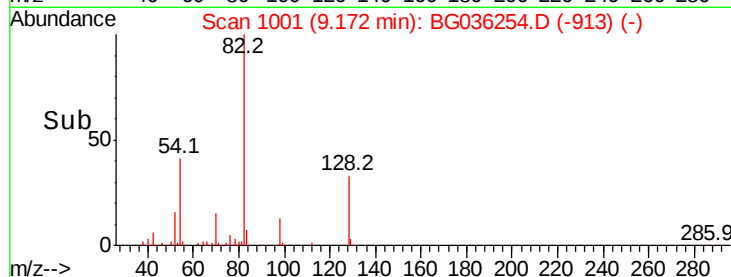
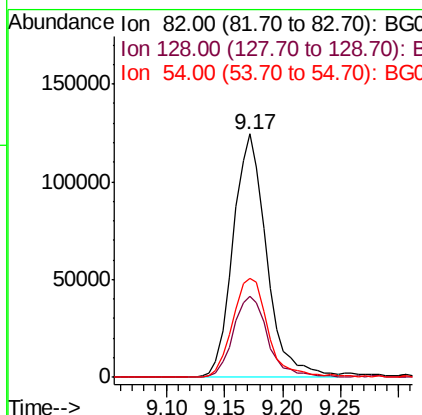
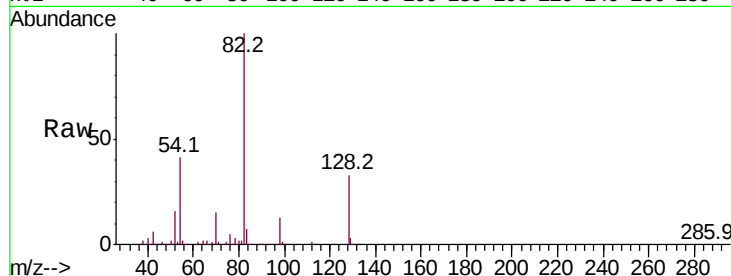




#23
Nitrobenzene-d5
Concen: 95.255 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036254.D
Acq: 10 Aug 2018 5:25

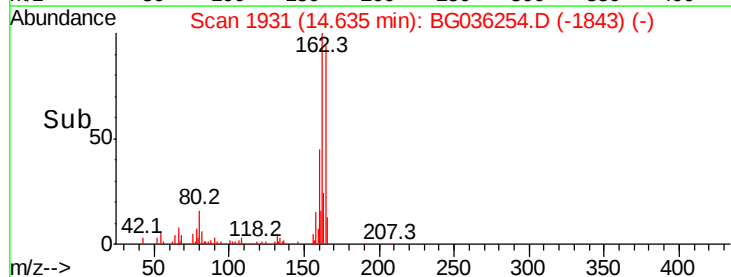
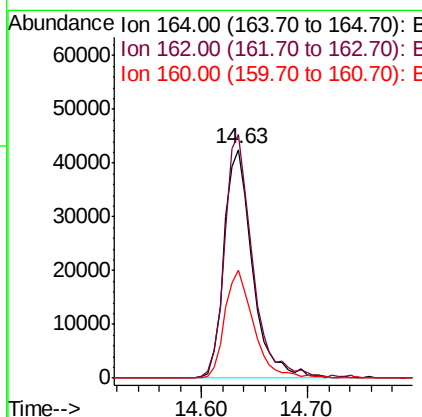
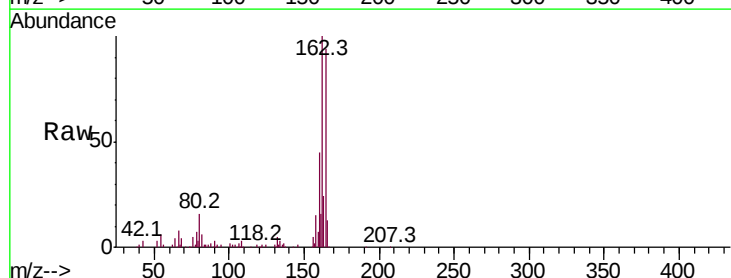
Instrument :
BNA_G
ClientSampleId :
PB111863TB

Tot Ion	82	Resp	250607
Ion	Ratio	Lower	Upper
82	100		
128	33.4	29.7	44.5
54	40.9	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: BG036254.D
Acq: 10 Aug 2018 5:25

Tgt Ion	164	Resp	78957
Ion	Ratio	Lower	Upper
164	100		
162	106.4	78.8	118.2
160	47.4	35.4	53.0

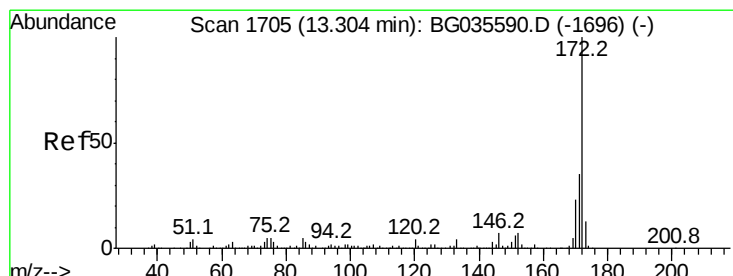
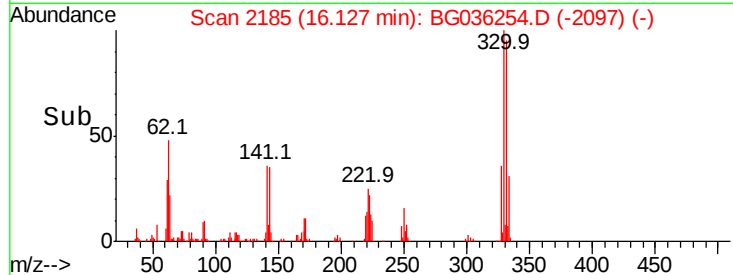
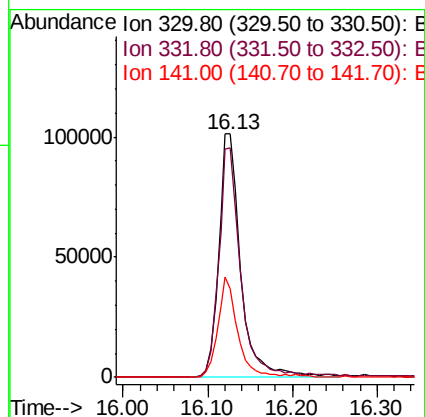
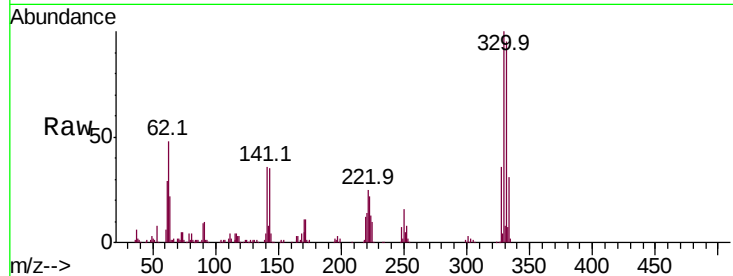




#41
 2,4,6-Tribromophenol
 Concen: 178.446 ng
 RT: 16.13 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036254.D
 Acq: 10 Aug 2018 5:25

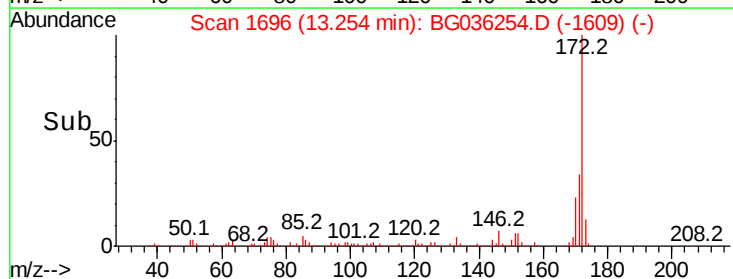
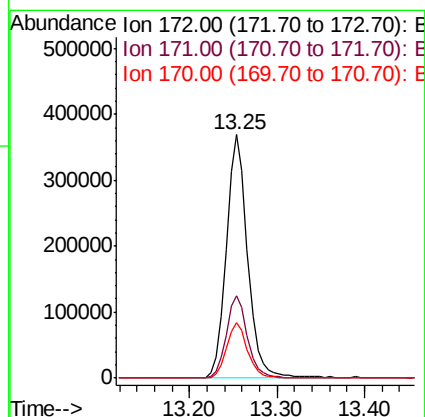
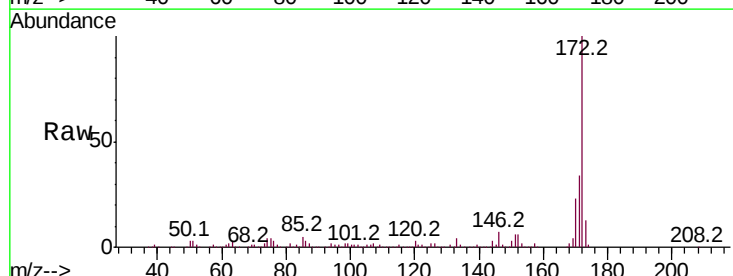
Instrument :
 BNA_G
 ClientSampleId :
 PB111863TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	37.0	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 103.943 ng
 RT: 13.25 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG036254.D
 Acq: 10 Aug 2018 5:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.8	30.0	45.0
170	22.9	19.5	29.3

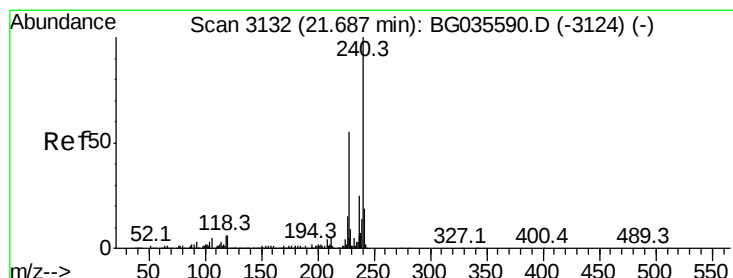
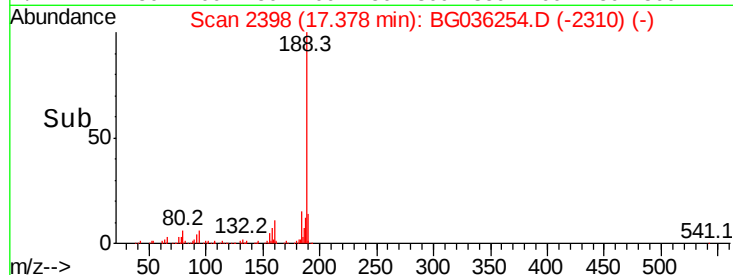
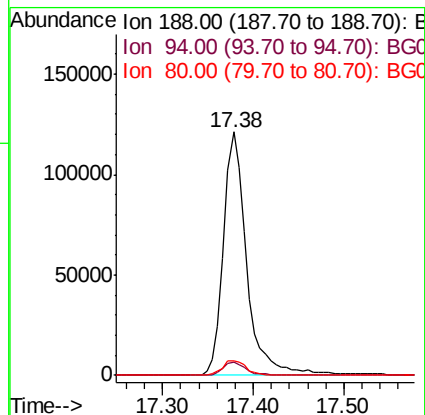
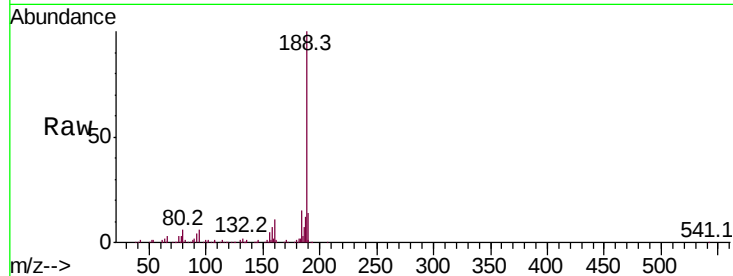




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2398
Delta R.T. -0.02 min
Lab File: BG036254.D
Acq: 10 Aug 2018 5:25

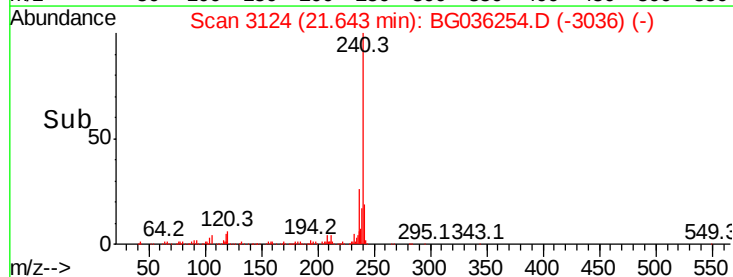
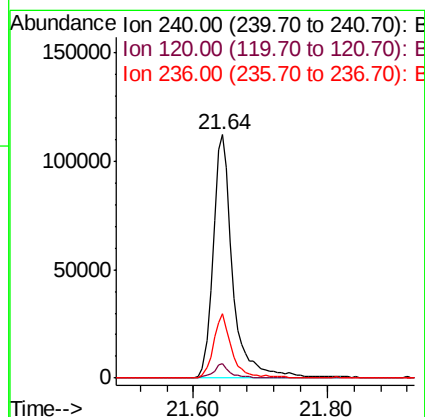
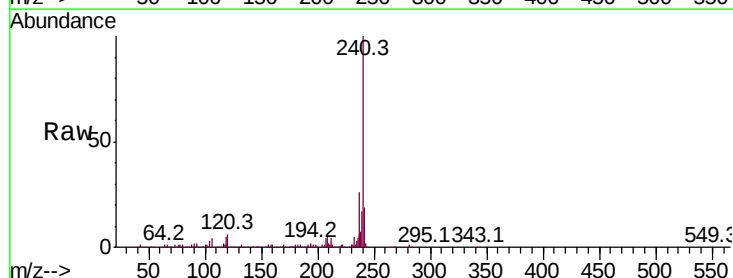
Instrument :
BNA_G
ClientSampleId :
PB111863TB

Tot Ion:188 Resp: 216042
Ion Ratio Lower Upper
188 100
94 5.7 6.9 10.3#
80 6.1 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036254.D
Acq: 10 Aug 2018 5:25

Tgt Ion:240 Resp: 231572
Ion Ratio Lower Upper
240 100
120 5.7 6.8 10.2#
236 26.2 20.9 31.3





#78

Terphenyl-d14

Concen: 109.928 ng

RT: 19.99 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036254.D

Acq: 10 Aug 2018 5:25

Instrument :

BNA_G

ClientSampleId :

PB111863TB

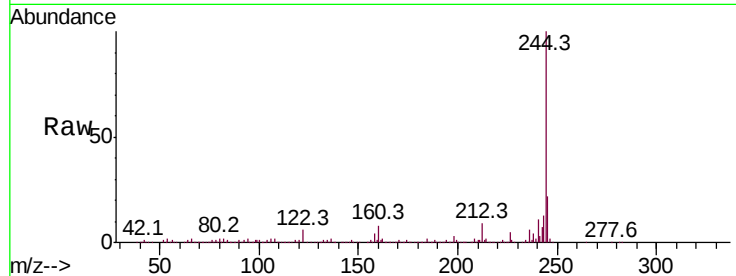
Tot Ion:244 Resp: 1154842

Ion Ratio Lower Upper

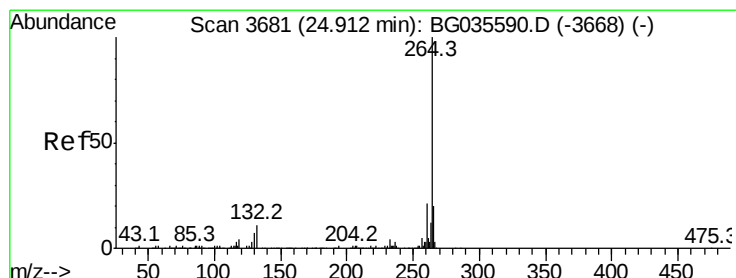
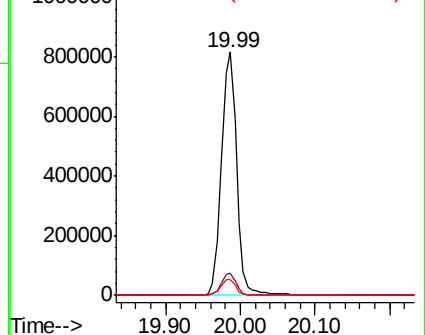
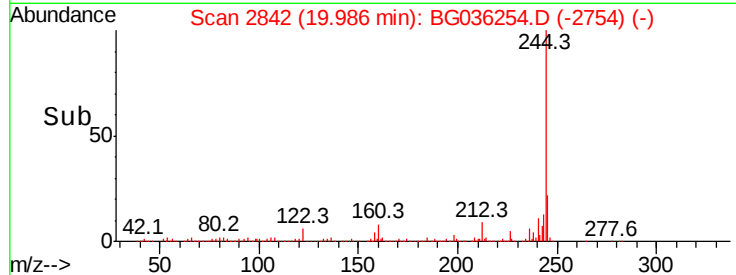
244 100

212 9.2 5.8 8.8#

122 6.4 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# 3666

Delta R.T. -0.03 min

Lab File: BG036254.D

Acq: 10 Aug 2018 5:25

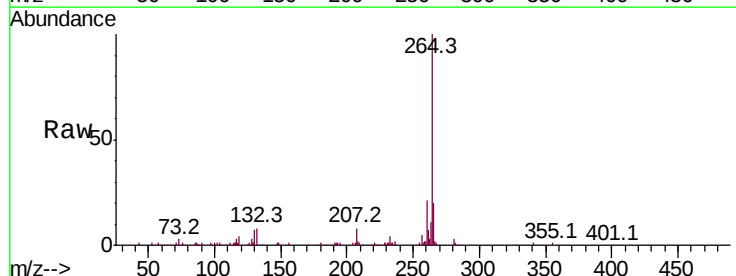
Tgt Ion:264 Resp: 212368

Ion Ratio Lower Upper

264 100

260 20.8 17.4 26.0

265 19.7 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

