

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082818\
 Data File : BG036480.D
 Acq On : 29 Aug 2018 6:47
 Operator : JU/SJ
 Sample : PB112355TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112355TB

Quant Time: Aug 29 07:24:15 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	63543	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	266415	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	179860	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	480418	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	525907	20.00	ng	-0.02
86) Perylene-d12	24.91	264	526222	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	494188	123.37	ng	0.00
7) Phenol-d6	7.22	99	697781	121.67	ng	0.00
23) Nitrobenzene-d5	9.23	82	410394	83.58	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	302235	140.83	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1003772	79.68	ng	-0.01
78) Terphenyl-d14	20.04	244	1787726	79.45	ng	-0.02

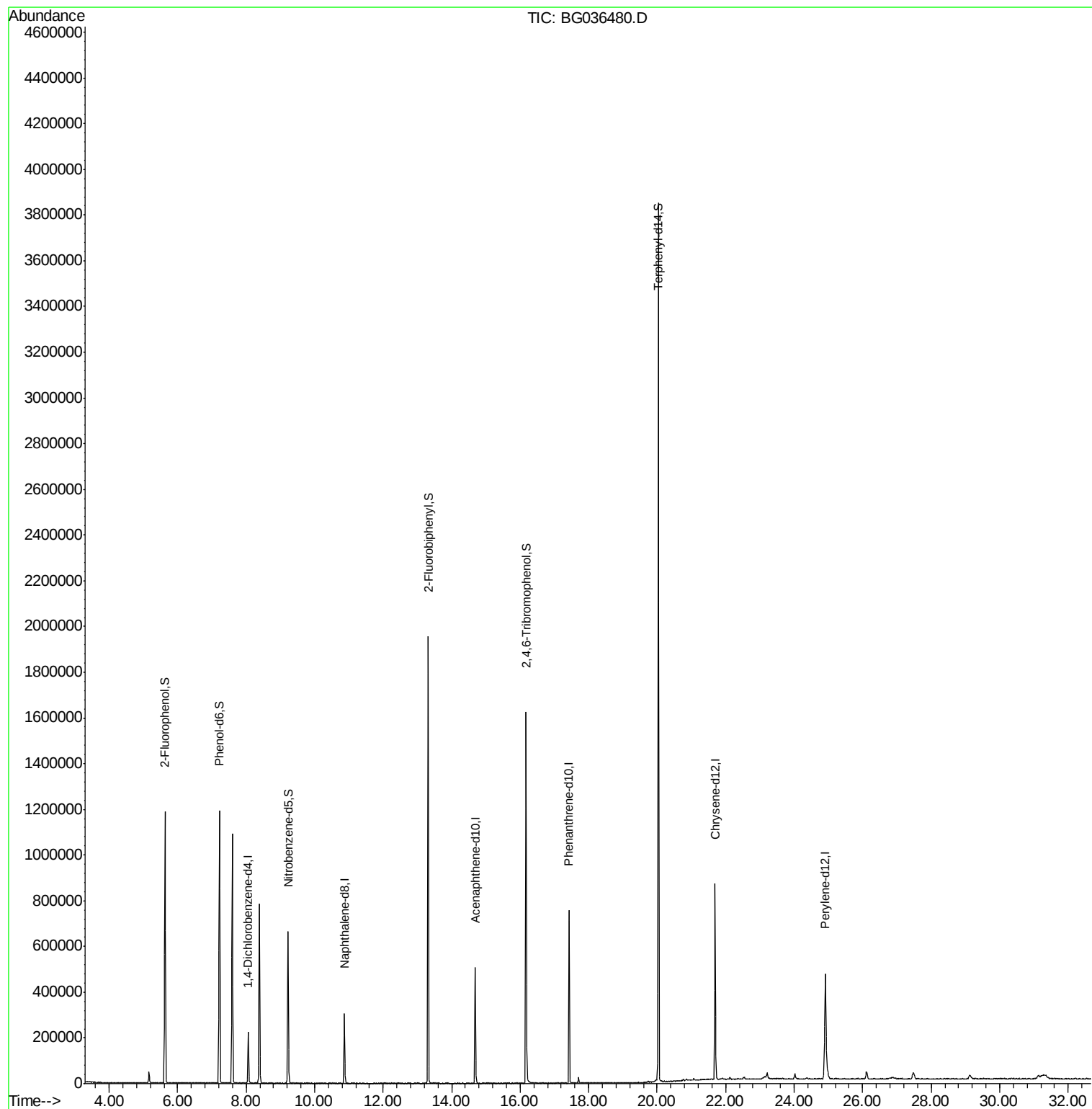
Target Compounds Qvalue

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

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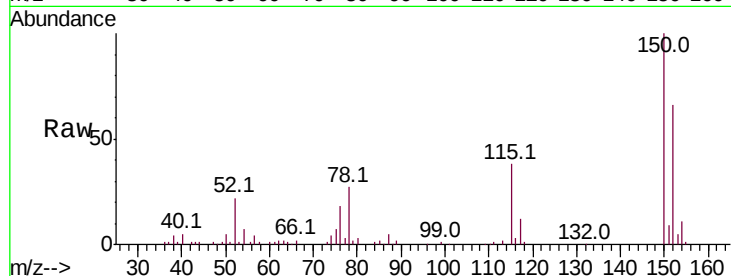


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BG036480.D
 Acq: 29 Aug 2018 6:47

Instrument :
 BNA_G
 ClientSampleId :
 PB112355TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	119.5	179.3
115	58.3	44.5	66.7

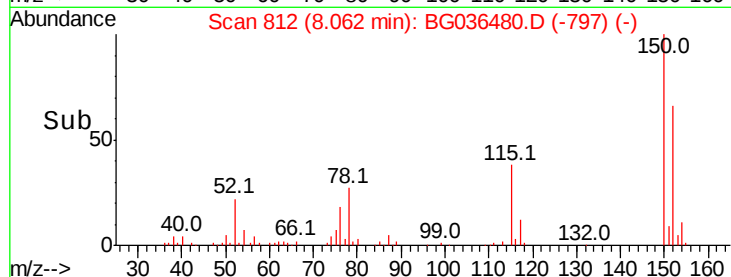
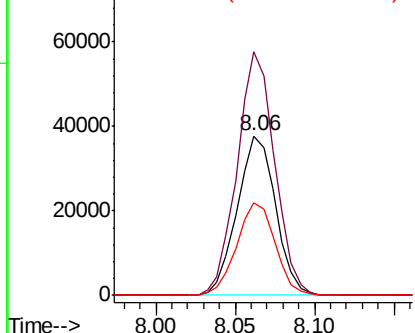


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

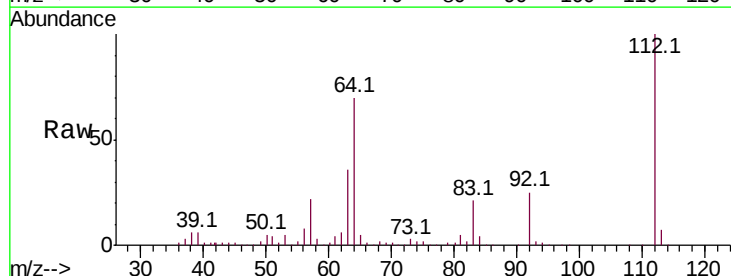
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 123.370 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.01 min
 Lab File: BG036480.D
 Acq: 29 Aug 2018 6:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.5	57.2	85.8
63	35.8	30.8	46.2

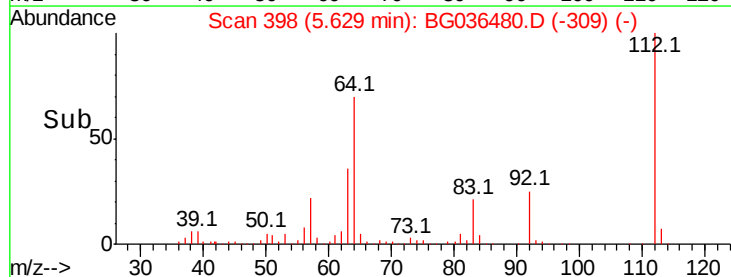
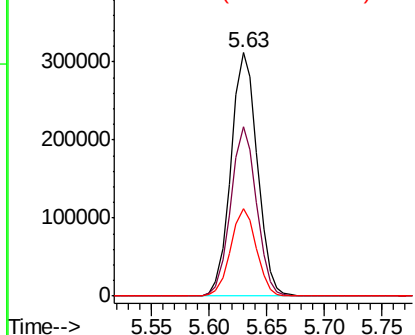


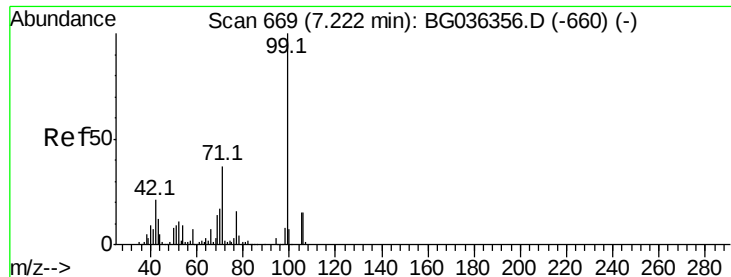
Abundance

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: 121.665 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036480.D

Acq: 29 Aug 2018 6:47

Instrument :

BNA_G

ClientSampleId :

PB112355TB

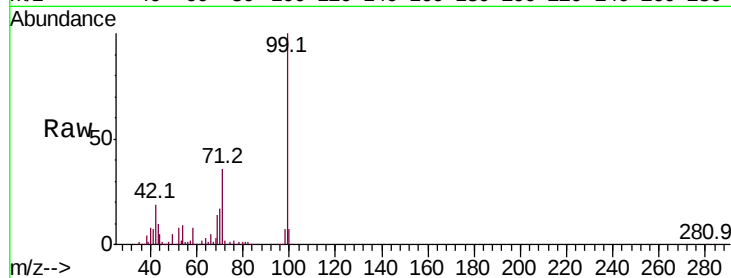
Tot Ion: 99 Resp: 697781

Ion Ratio Lower Upper

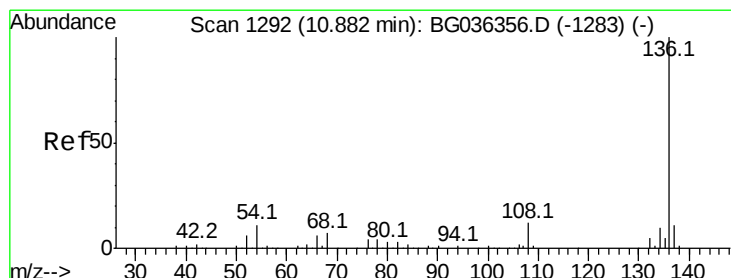
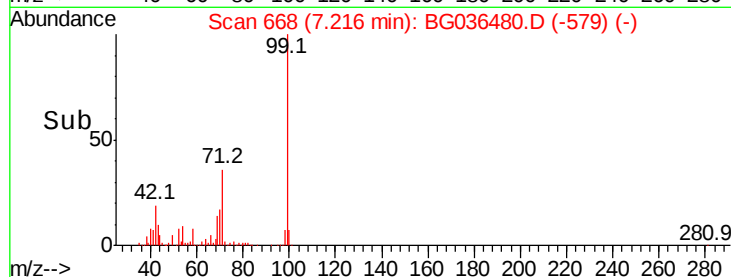
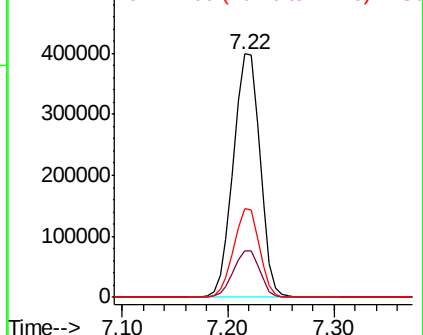
99 100

42 19.2 16.5 24.7

71 36.4 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: BG036480.D

Acq: 29 Aug 2018 6:47

Tgt Ion: 136 Resp: 266415

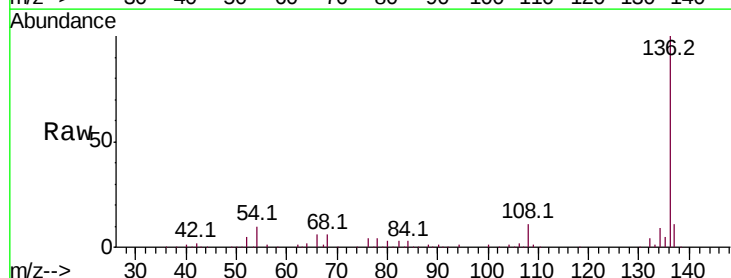
Ion Ratio Lower Upper

136 100

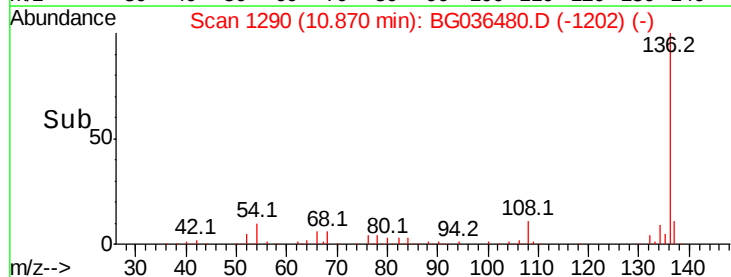
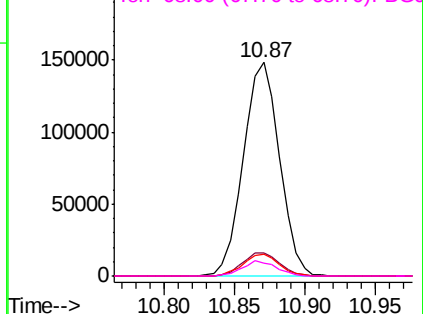
137 10.9 8.8 13.2

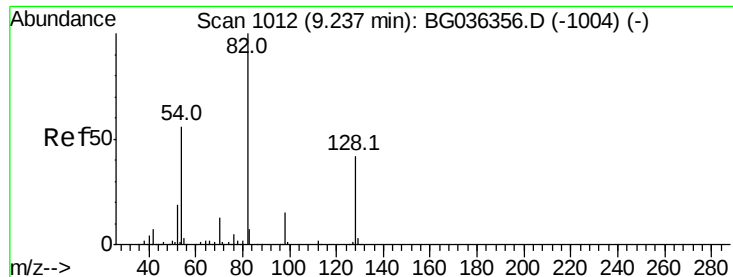
54 10.0 9.2 13.8

68 6.1 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: 83.579 ng

RT: 9.23 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BG036480.D

Acq: 29 Aug 2018 6:47

Instrument :

BNA_G

ClientSampleId :

PB112355TB

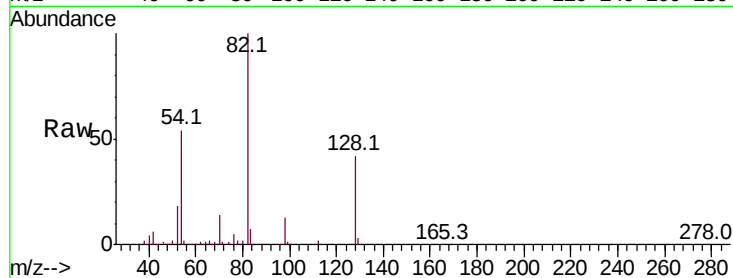
Tot Ion: 82 Resp: 410394

Ion Ratio Lower Upper

82 100

128 41.8 33.3 49.9

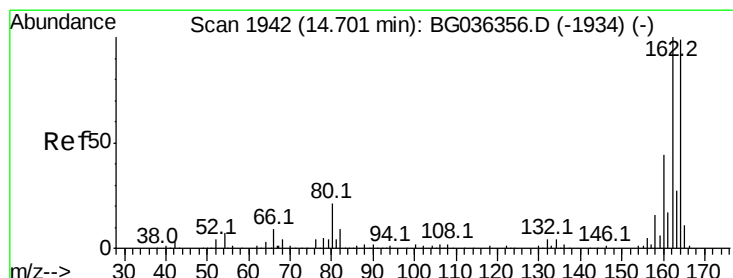
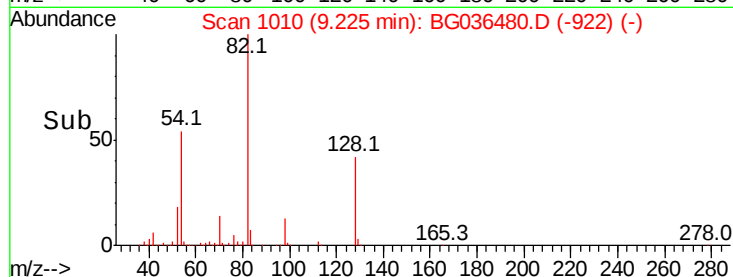
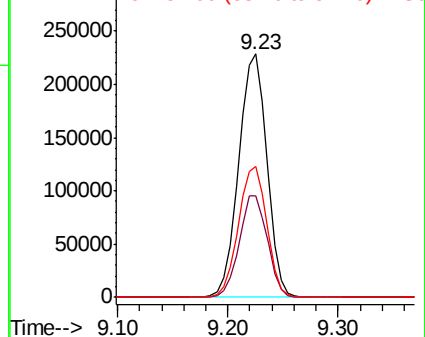
54 53.6 45.1 67.7



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: 14.68 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG036480.D

Acq: 29 Aug 2018 6:47

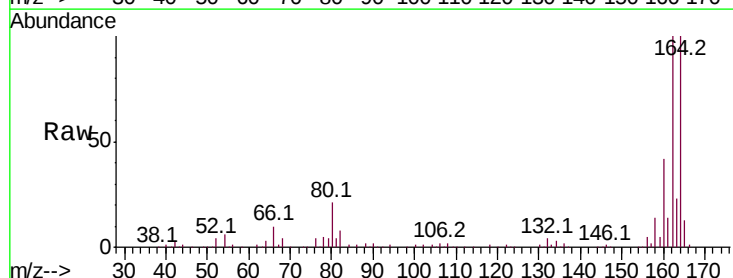
Tgt Ion: 164 Resp: 179860

Ion Ratio Lower Upper

164 100

162 100.4 80.7 121.1

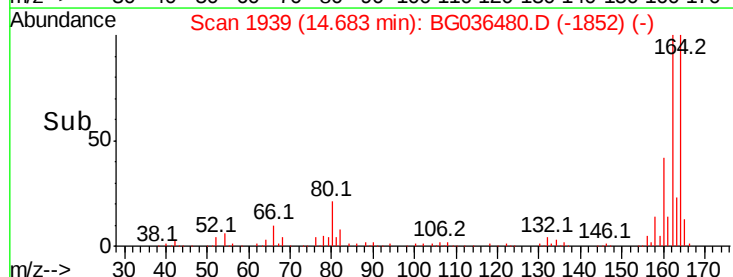
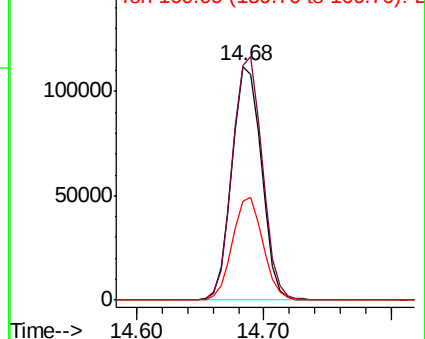
160 42.6 35.3 52.9



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

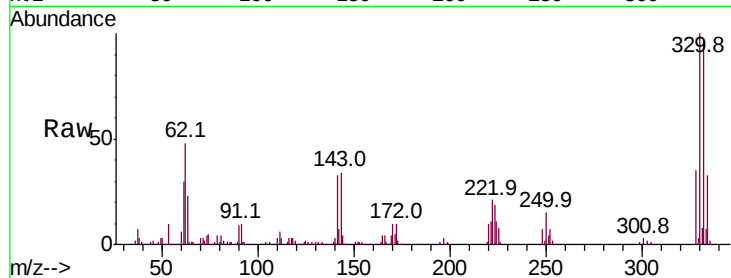




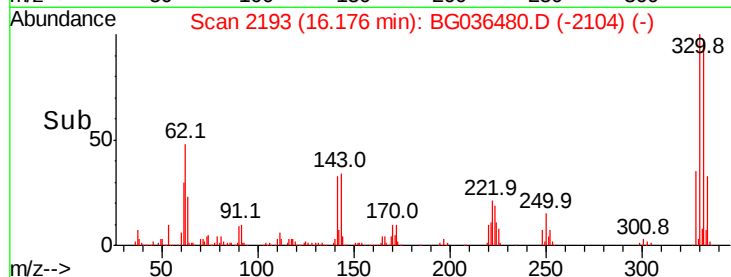
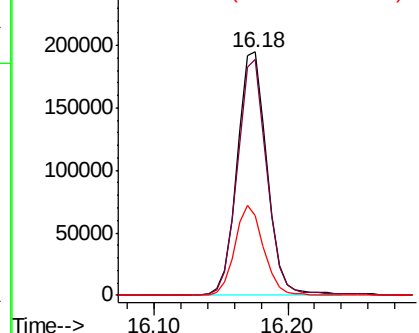
#41
 2,4,6-Tribromophenol
 Concen: 140.828 ng
 RT: 16.18 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036480.D
 Acq: 29 Aug 2018 6:47

Instrument :
 BNA_G
 ClientSampleId :
 PB112355TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.4	113.2
141	35.9	30.7	46.1

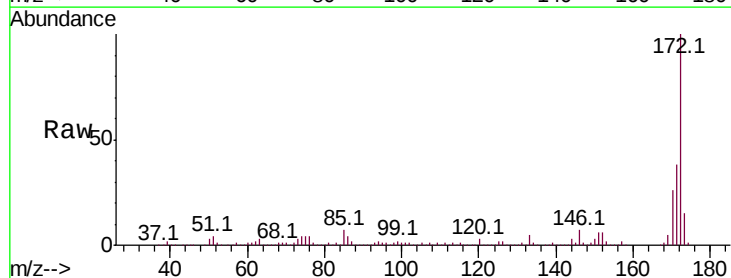


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

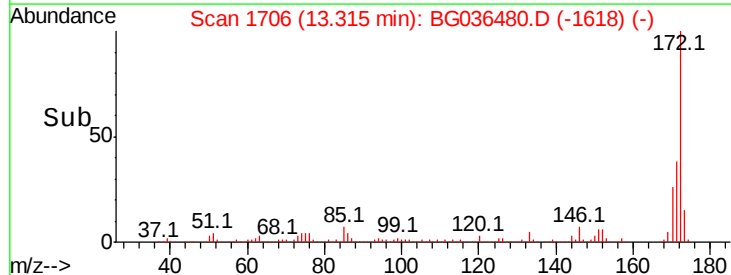
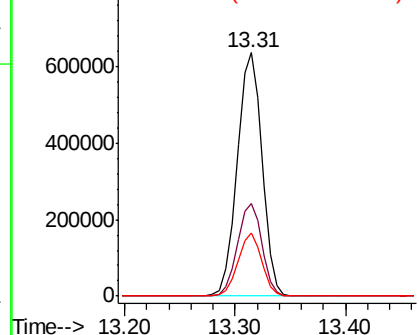


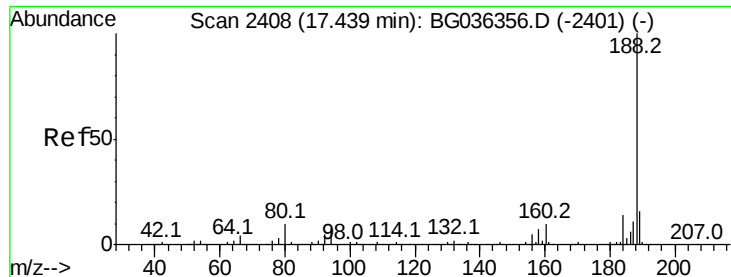
#44
 2-Fluorobiphenyl
 Concen: 79.684 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036480.D
 Acq: 29 Aug 2018 6:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.3	46.9
170	26.0	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

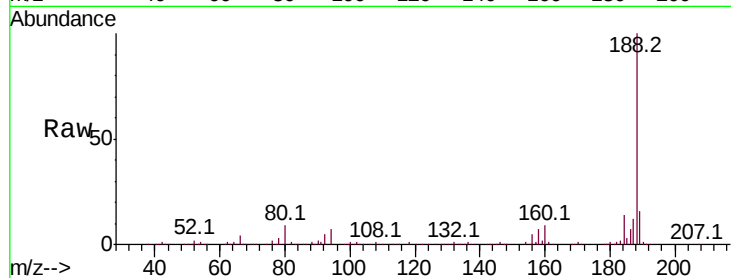




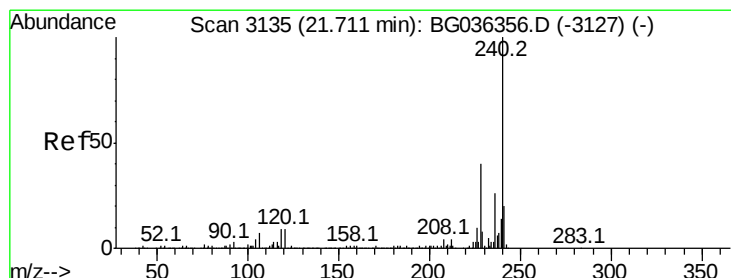
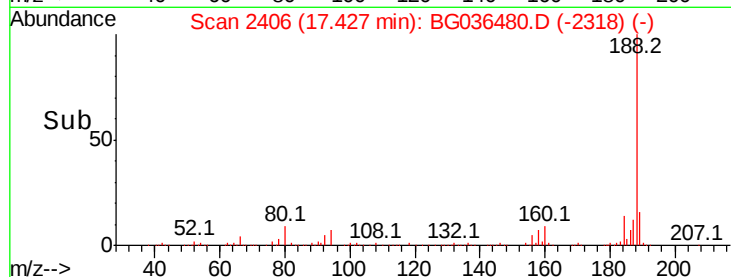
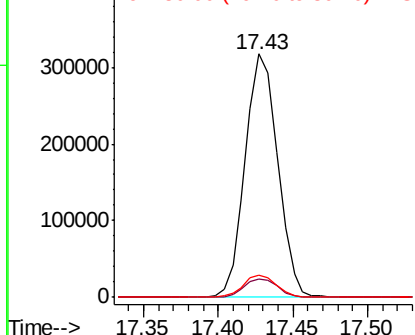
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG036480.D
Acq: 29 Aug 2018 6:47

Instrument :
BNA_G
ClientSampleId :
PB112355TB

Tot Ion:188 Resp: 480418
Ion Ratio Lower Upper
188 100
94 7.3 6.7 10.1
80 9.1 8.1 12.1

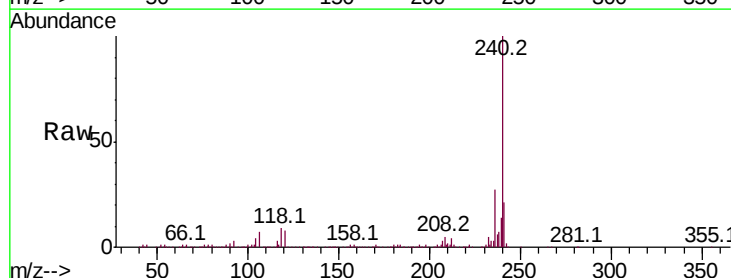


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

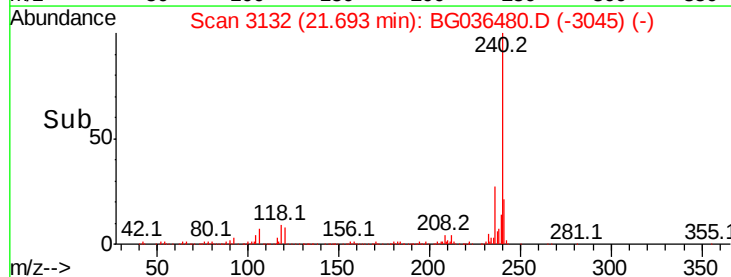
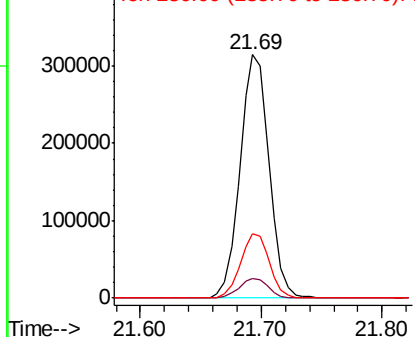


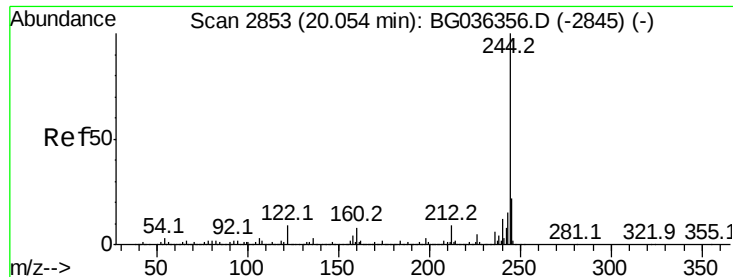
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.02 min
Lab File: BG036480.D
Acq: 29 Aug 2018 6:47

Tgt Ion:240 Resp: 525907
Ion Ratio Lower Upper
240 100
120 8.3 6.9 10.3
236 26.6 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: 79.454 ng

RT: 20.04 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG036480.D

Acq: 29 Aug 2018 6:47

Instrument :

BNA_G

ClientSampleId :

PB112355TB

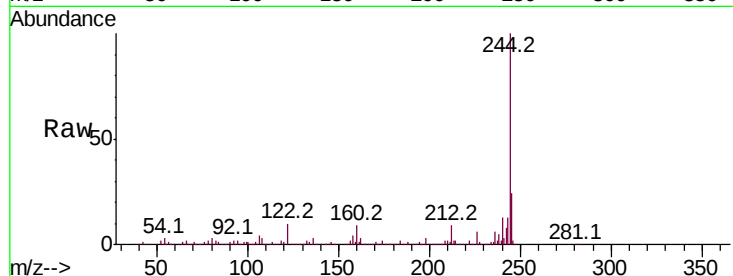
Tot Ion:244 Resp: 1787726

Ion Ratio Lower Upper

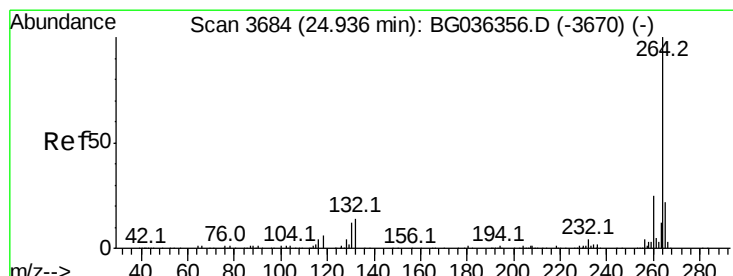
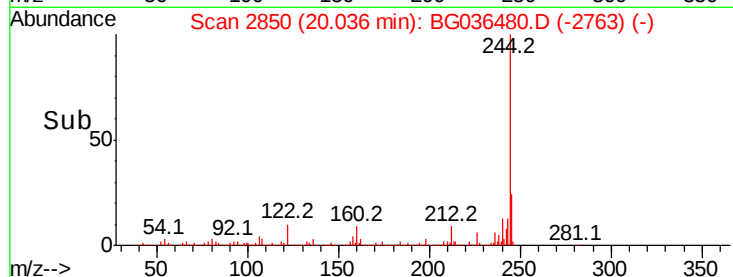
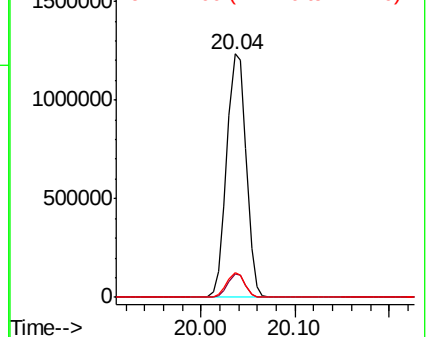
244 100

212 9.4 7.0 10.6

122 10.2 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: BG036480.D

Acq: 29 Aug 2018 6:47

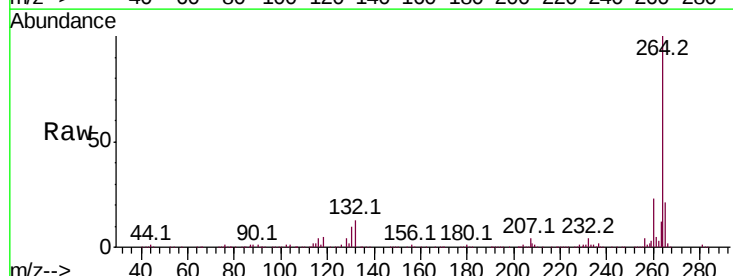
Tgt Ion:264 Resp: 526222

Ion Ratio Lower Upper

264 100

260 23.4 19.6 29.4

265 20.9 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

