

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036430.D
 Acq On : 27 Aug 2018 14:07
 Operator : JU/SJ
 Sample : J4642-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2727

Quant Time: Aug 27 16:30:57 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

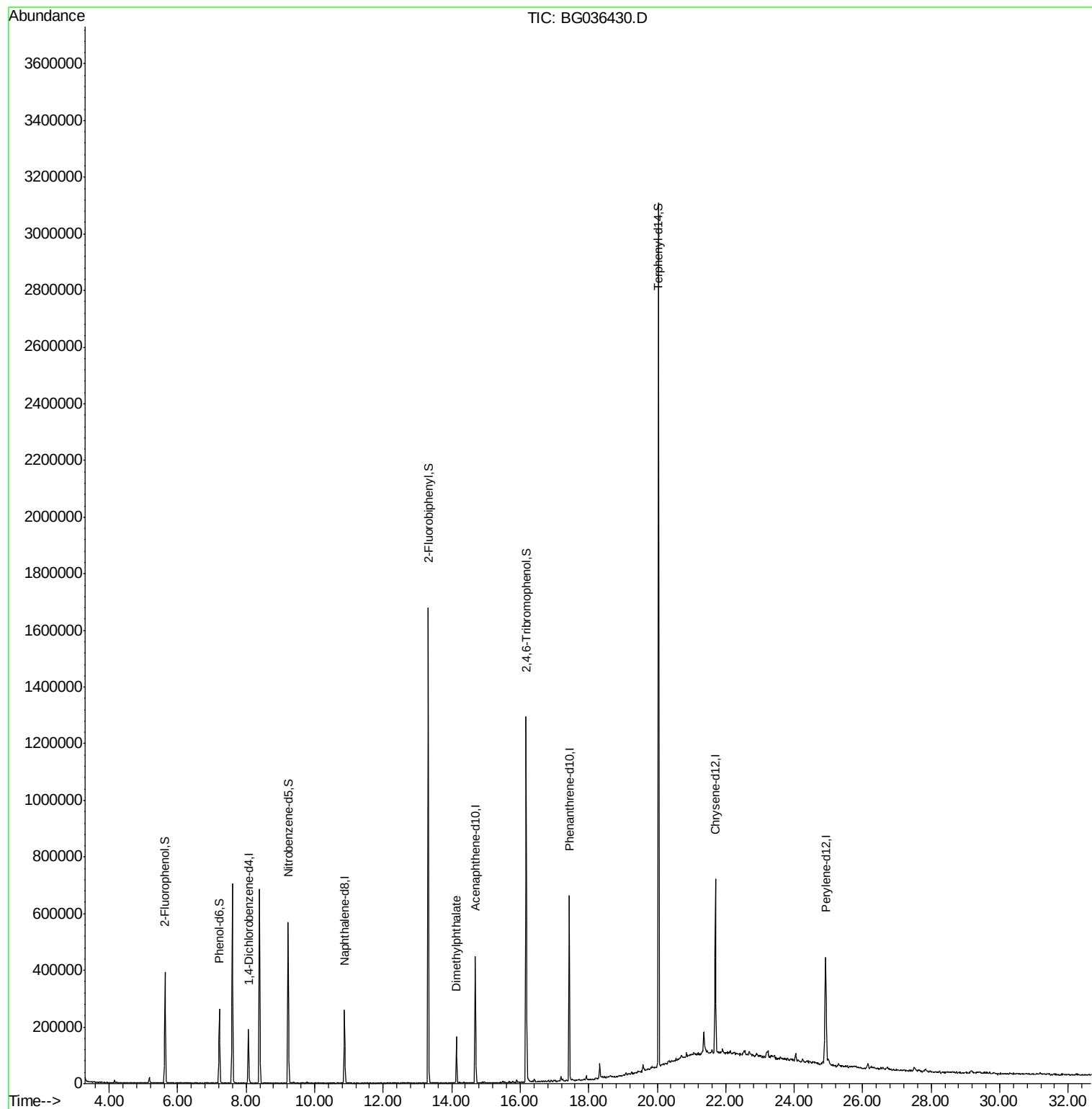
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	51813	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	225013	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	154080	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	387695	20.00	ng	0.00
75) Chrysene-d12	21.70	240	382745	20.00	ng	-0.01
86) Perylene-d12	24.92	264	417771	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	166193	50.88	ng	0.00
7) Phenol-d6	7.21	99	142529	30.48	ng	0.00
23) Nitrobenzene-d5	9.22	82	338772	81.69	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	235181	127.92	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	871804	80.79	ng	-0.01
78) Terphenyl-d14	20.04	244	1367280	83.50	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.14	163	111482	8.861	ng	Qvalue 99

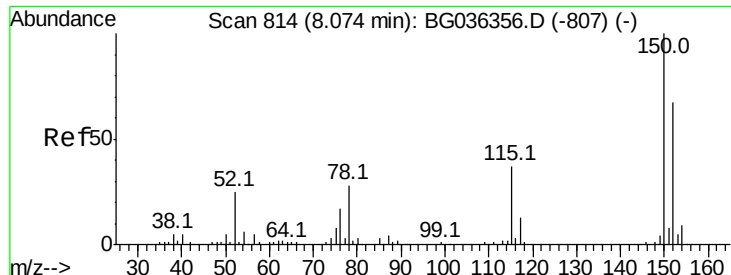
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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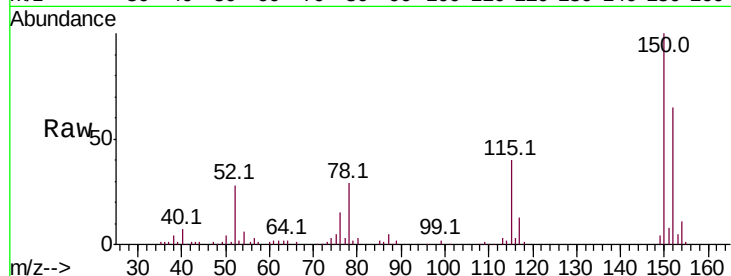


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036430.D
Acq: 27 Aug 2018 14:07

Instrument :
BNA_G
ClientSampleId :
2727

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	119.5	179.3
115	61.0	44.5	66.7

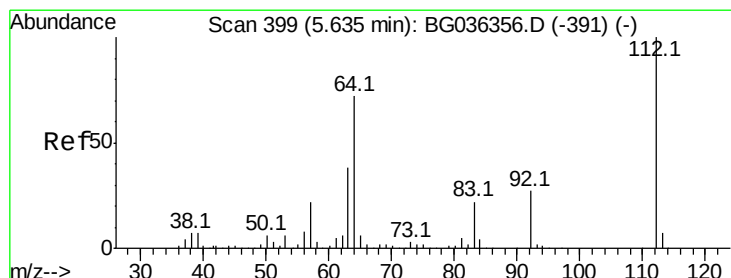
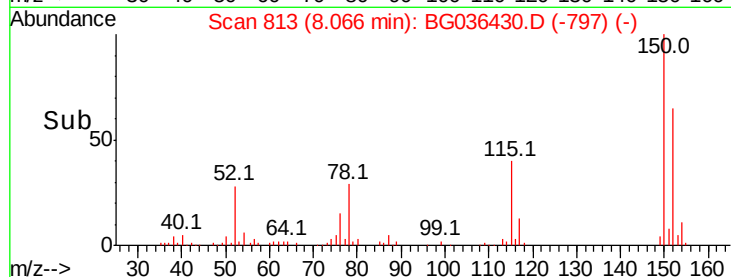
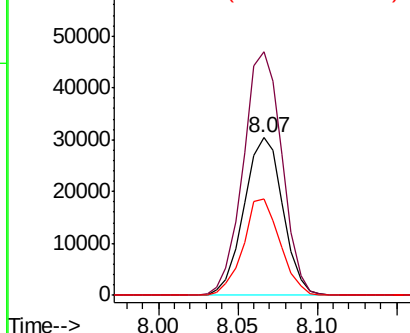


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

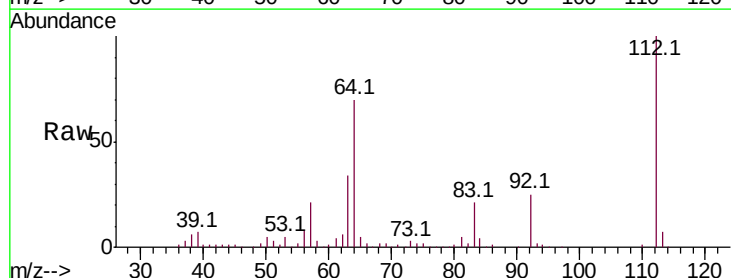
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 50.881 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG036430.D
Acq: 27 Aug 2018 14:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.5	57.2	85.8
63	34.4	30.8	46.2

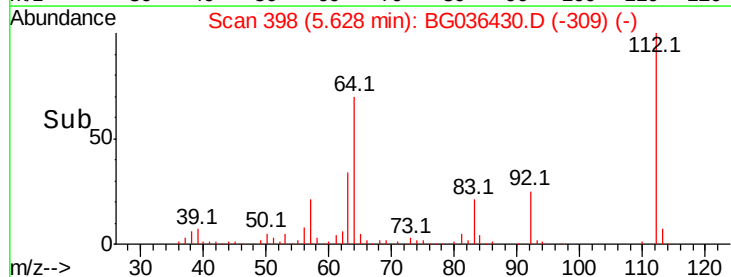
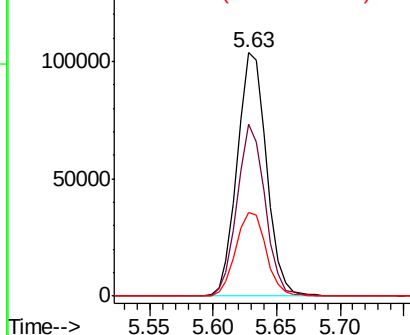


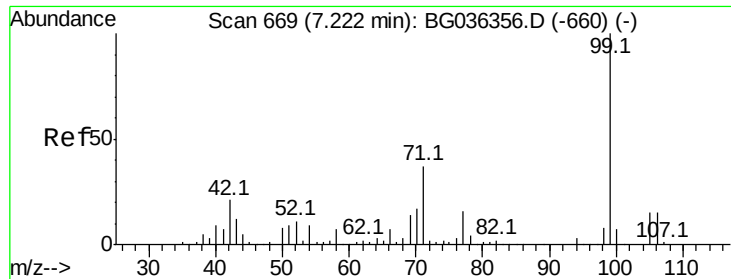
Abundance

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: 30.478 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036430.D

Acq: 27 Aug 2018 14:07

Instrument :

BNA_G

ClientSampleId :

2727

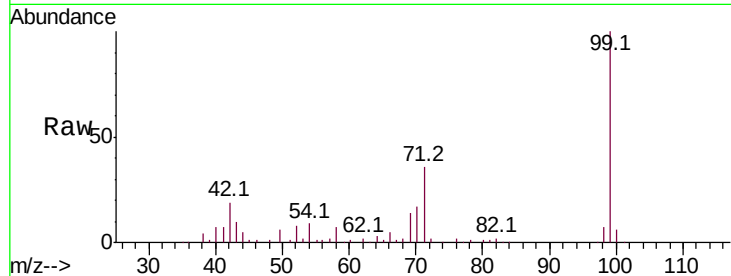
Tot Ion: 99 Resp: 142529

Ion Ratio Lower Upper

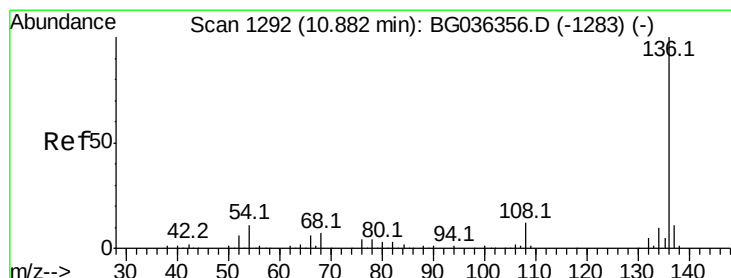
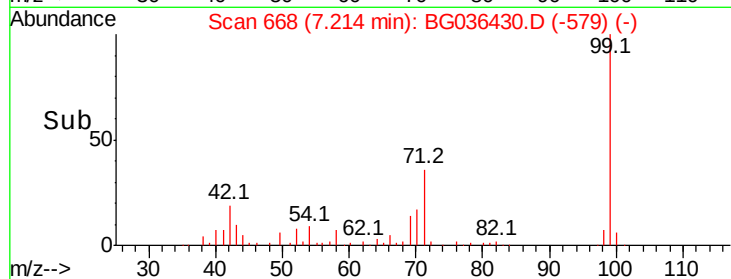
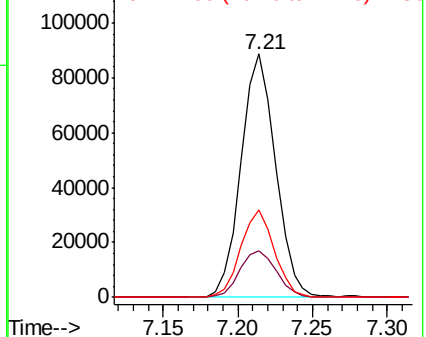
99 100

42 19.0 16.5 24.7

71 36.1 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# 1291

Delta R.T. -0.01 min

Lab File: BG036430.D

Acq: 27 Aug 2018 14:07

Tgt Ion: 136 Resp: 225013

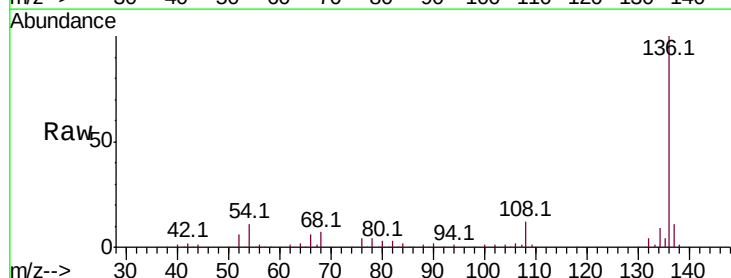
Ion Ratio Lower Upper

136 100

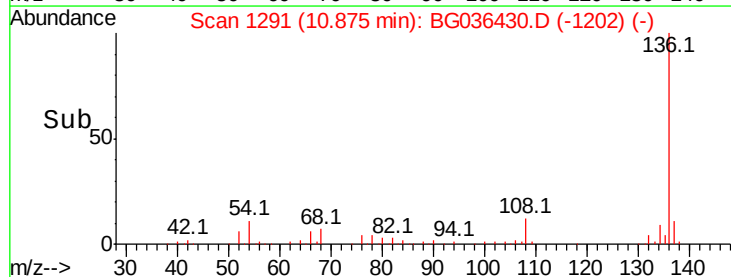
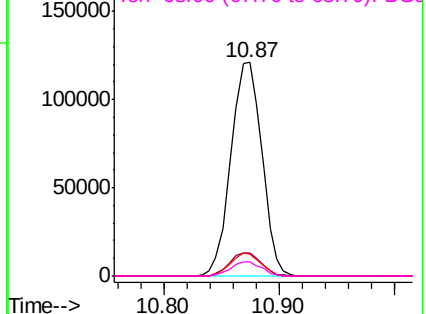
137 10.6 8.8 13.2

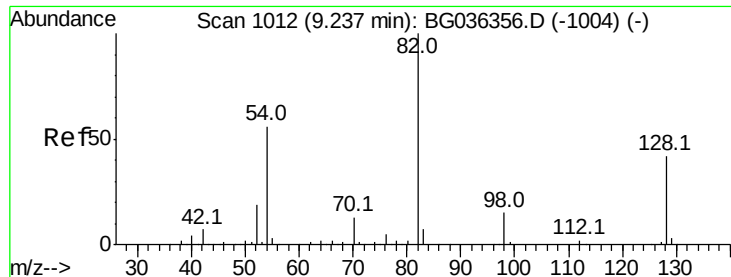
54 10.5 9.2 13.8

68 6.6 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

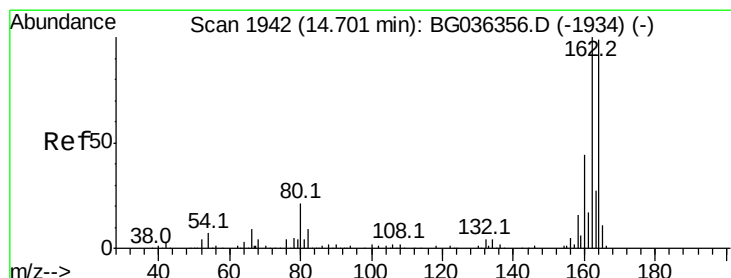
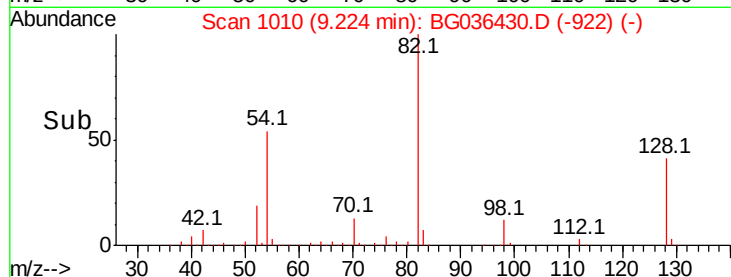
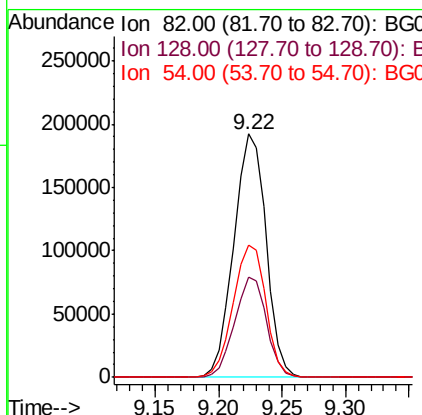
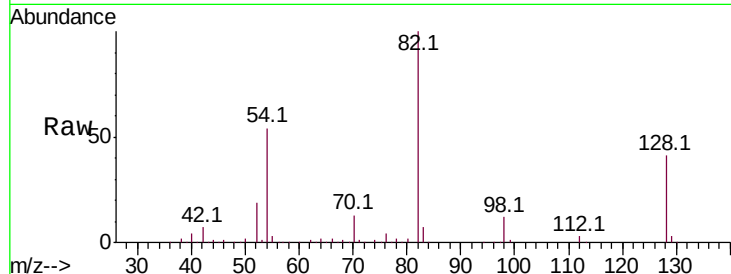




#23
 Nitrobenzene-d5
 Concen: 81.687 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BG036430.D
 Acq: 27 Aug 2018 14:07

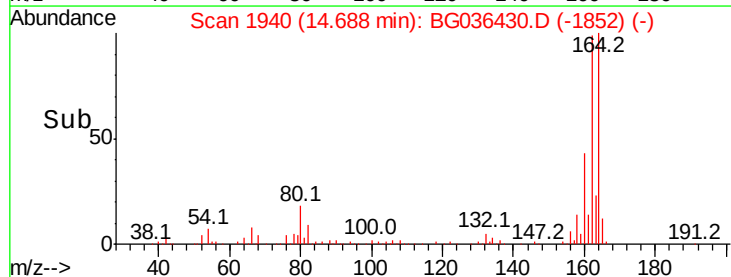
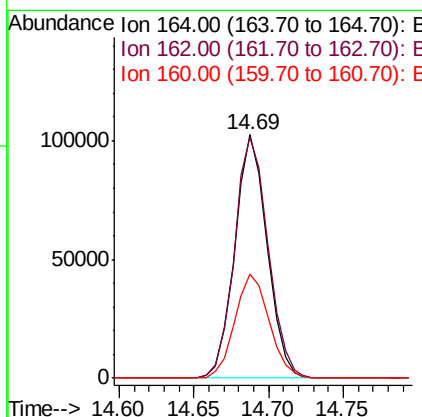
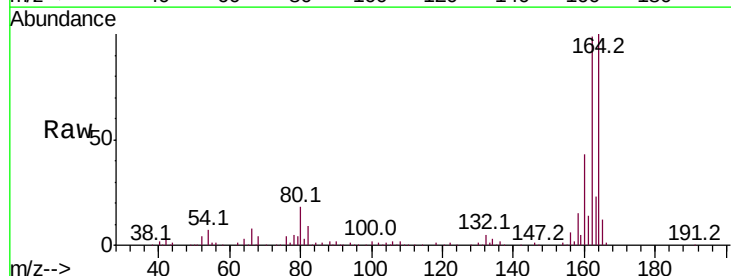
Instrument :
 BNA_G
 ClientSampleId :
 2727

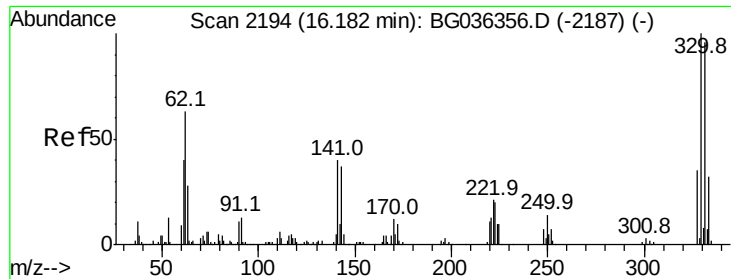
Tot Ion	82	Resp	338772
Ion Ratio	Lower	Upper	
82	100		
128	41.4	33.3	49.9
54	54.3	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG036430.D
 Acq: 27 Aug 2018 14:07

Tgt Ion	164	Resp	154080
Ion Ratio	Lower	Upper	
164	100		
162	99.0	80.7	121.1
160	42.7	35.3	52.9

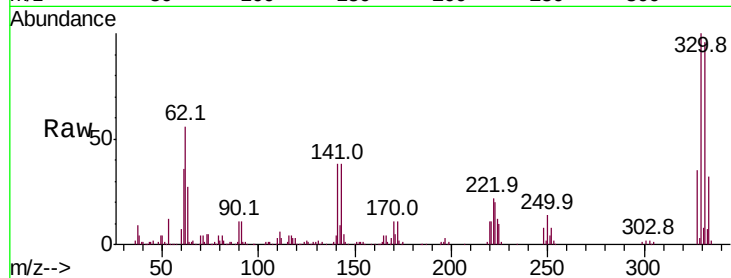




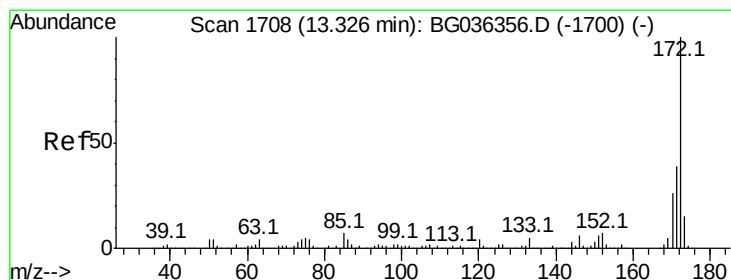
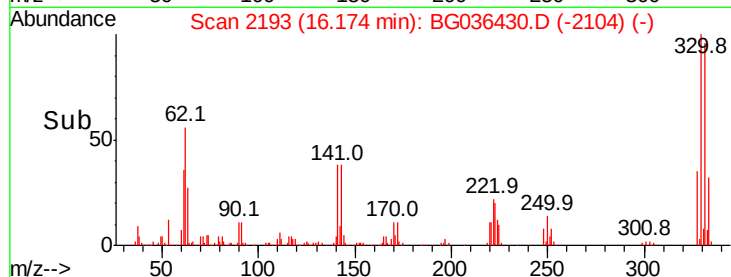
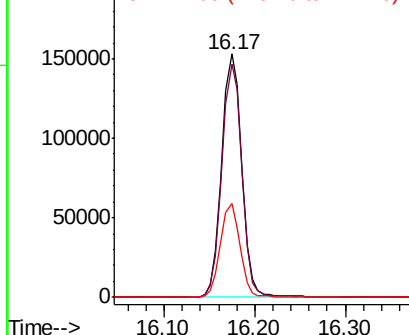
#41
 2,4,6-Tribromophenol
 Concen: 127.919 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036430.D
 Acq: 27 Aug 2018 14:07

Instrument :
 BNA_G
 ClientSampleId :
 2727

Tot Ion:330 Resp: 235181
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.4 113.2
 141 37.4 30.7 46.1

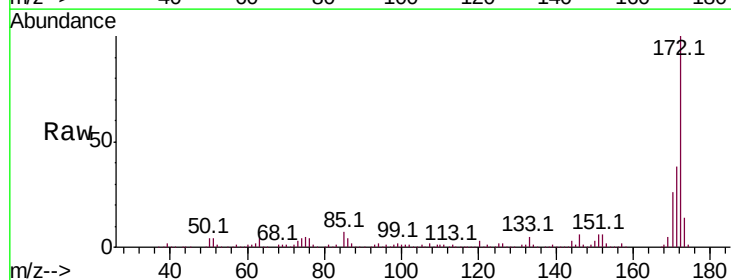


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

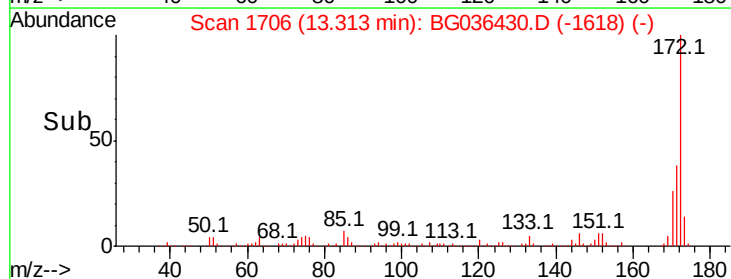
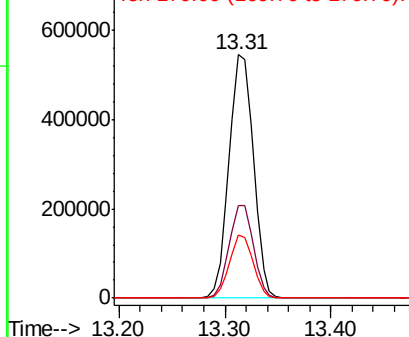


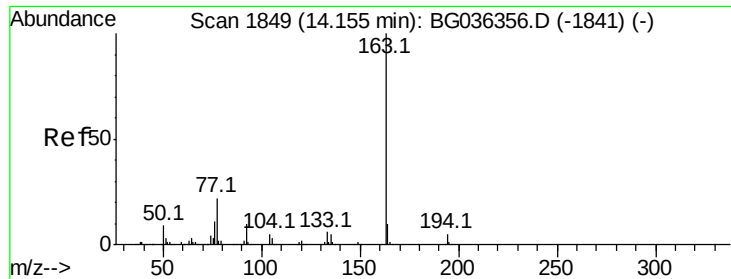
#44
 2-Fluorobiphenyl
 Concen: 80.788 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036430.D
 Acq: 27 Aug 2018 14:07

Tgt Ion:172 Resp: 871804
 Ion Ratio Lower Upper
 172 100
 171 38.1 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

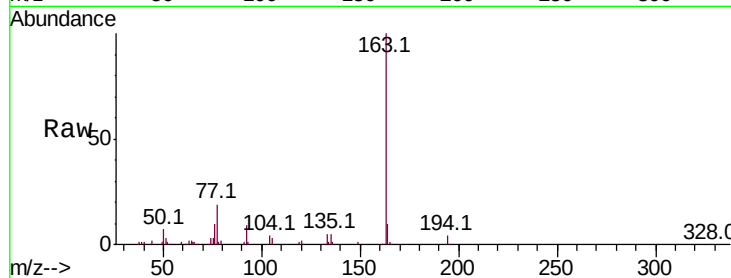




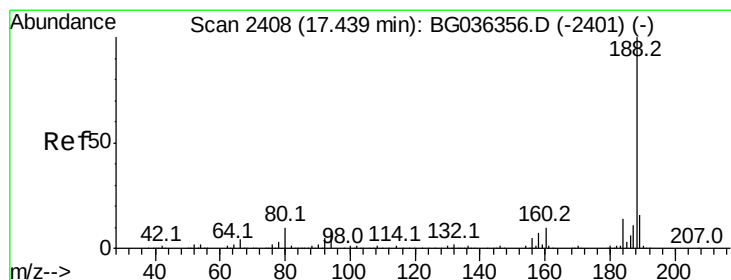
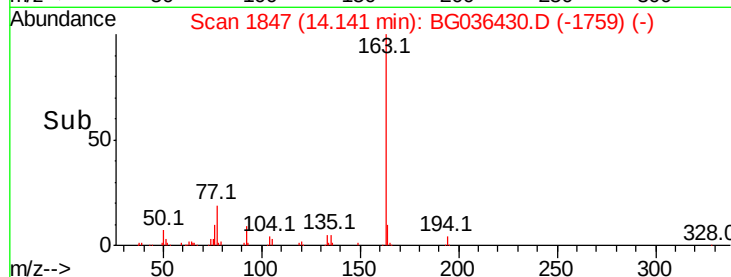
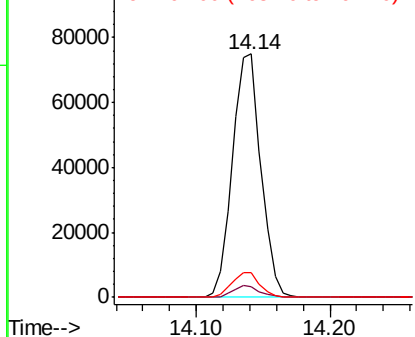
#49
 Dimethylphthalate
 Concen: 8.861 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BG036430.D
 Acq: 27 Aug 2018 14:07

Instrument :
 BNA_G
 ClientSampleId :
 2727

Tot Ion:163 Resp: 111482
 Ion Ratio Lower Upper
 163 100
 194 4.2 4.0 6.0
 164 10.3 8.1 12.1

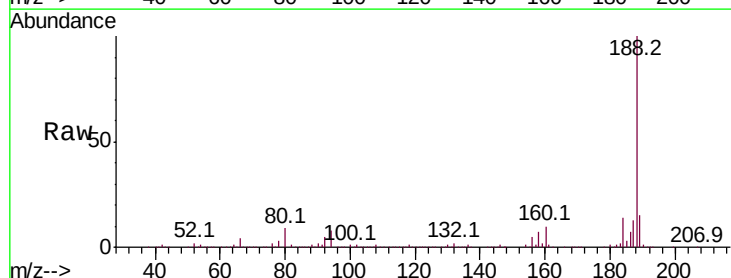


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

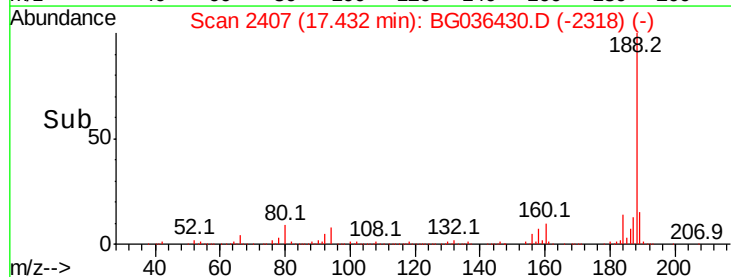
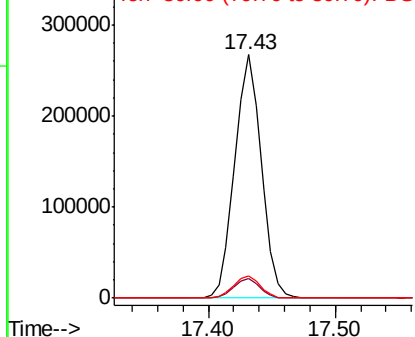


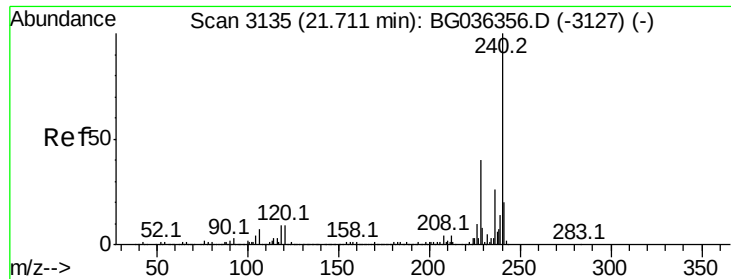
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG036430.D
 Acq: 27 Aug 2018 14:07

Tgt Ion:188 Resp: 387695
 Ion Ratio Lower Upper
 188 100
 94 8.1 6.7 10.1
 80 9.3 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: 21.70 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BG036430.D

Acq: 27 Aug 2018 14:07

Instrument :

BNA_G

ClientSampleId :

2727

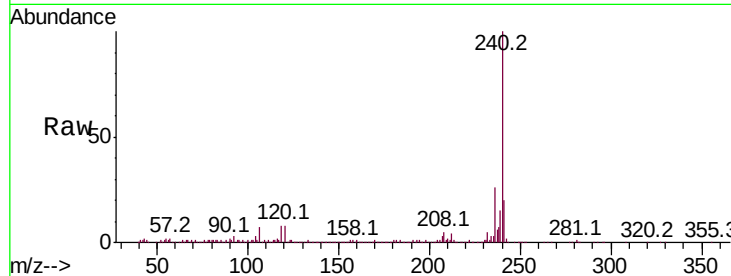
Tot Ion:240 Resp: 382745

Ion Ratio Lower Upper

240 100

120 8.4 6.9 10.3

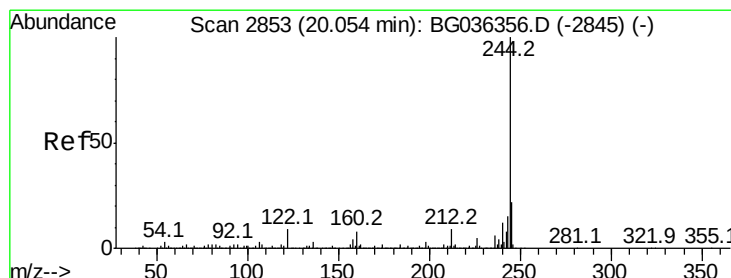
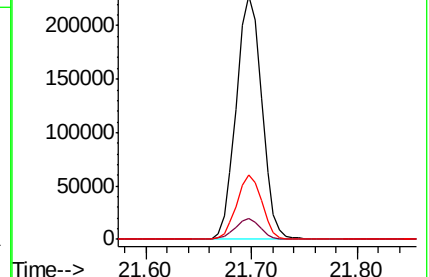
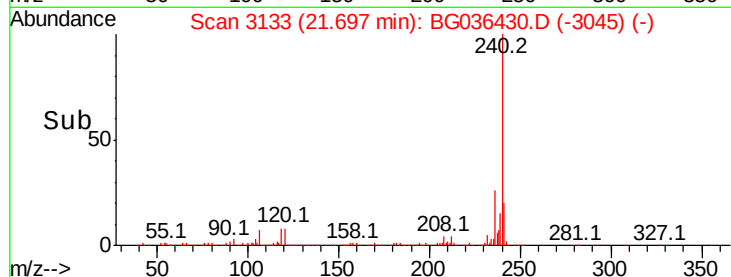
236 26.3 21.2 31.8



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: 83.497 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG036430.D

Acq: 27 Aug 2018 14:07

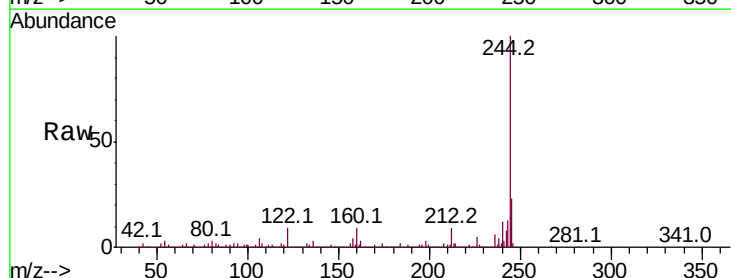
Tgt Ion:244 Resp: 1367280

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

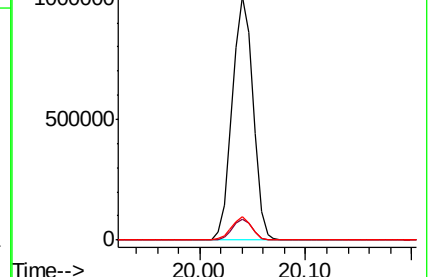
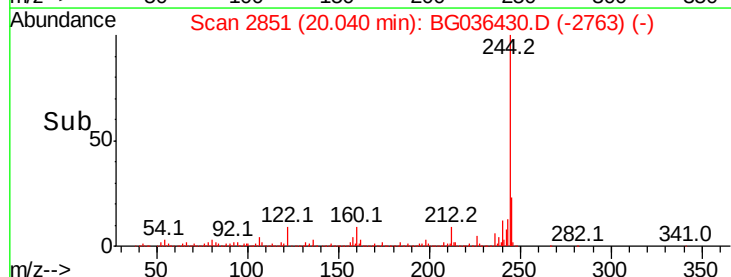
122 9.4 7.1 10.7

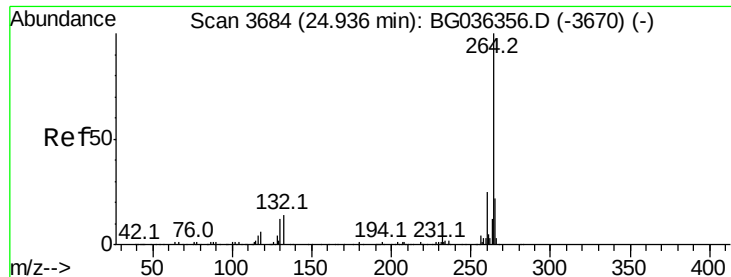


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

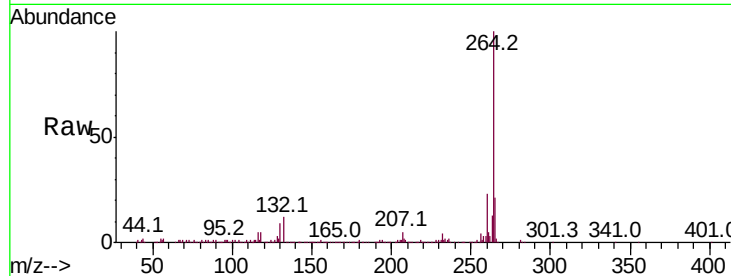




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3681
Delta R.T. -0.02 min
Lab File: BG036430.D
Acq: 27 Aug 2018 14:07

Instrument :
BNA_G
ClientSampleId :
2727

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.6	29.4
265	21.1	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

