

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036433.D
 Acq On : 27 Aug 2018 16:03
 Operator : JU/SJ
 Sample : J4522-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB081618

Quant Time: Aug 27 17:38:05 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	58498	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	236358	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	156645	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	408307	20.00	ng	0.00
75) Chrysene-d12	21.69	240	450544	20.00	ng	-0.02
86) Perylene-d12	24.91	264	451111	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	210662	57.13	ng	0.00
7) Phenol-d6	7.22	99	179199	33.94	ng	0.00
23) Nitrobenzene-d5	9.23	82	438027	100.55	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	294067	157.33	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	1066357	97.20	ng	0.00
78) Terphenyl-d14	20.04	244	1873773	97.21	ng	0.00

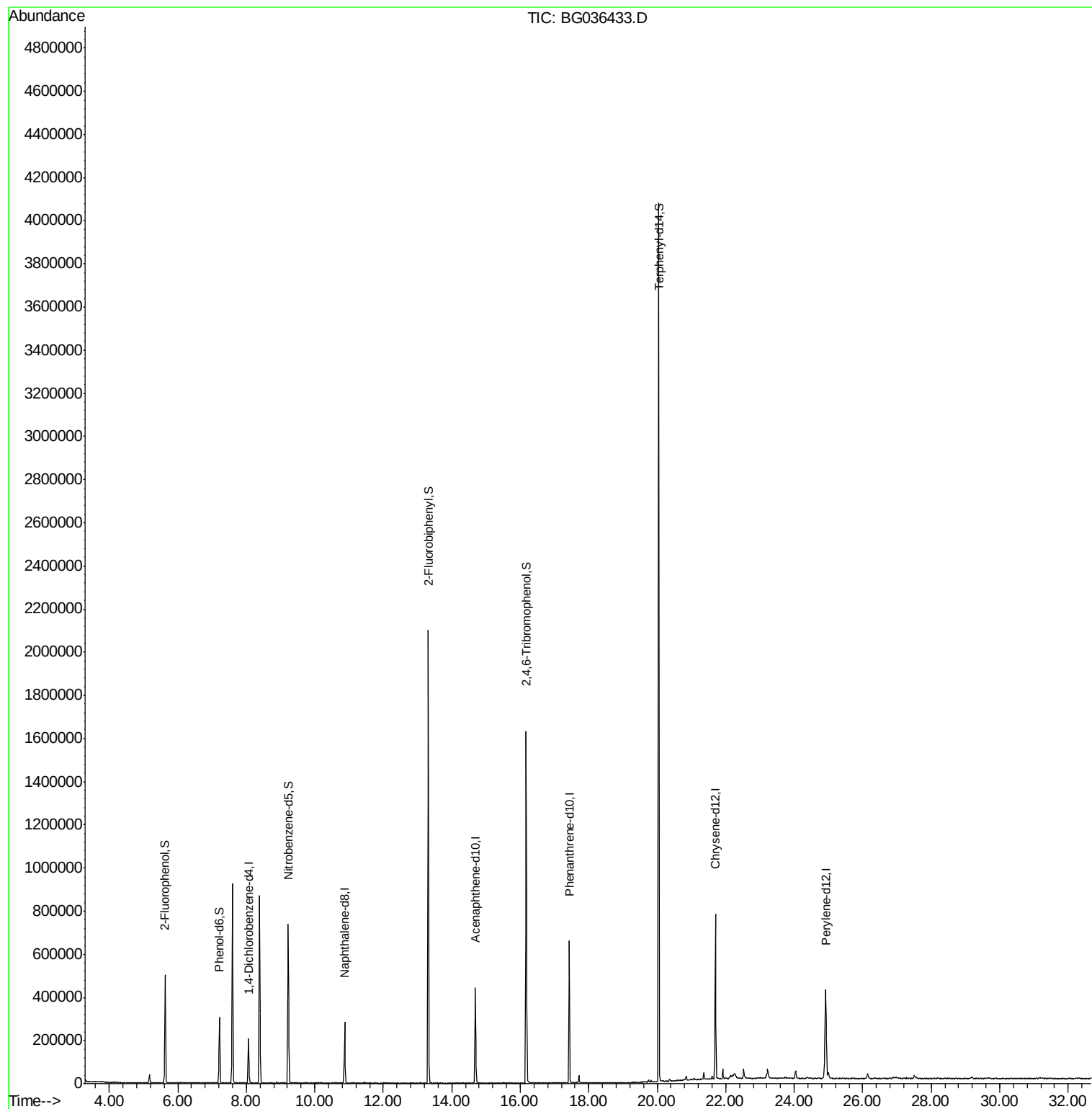
Target Compounds Qvalue

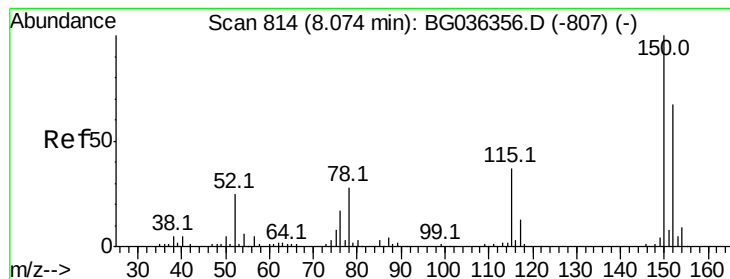
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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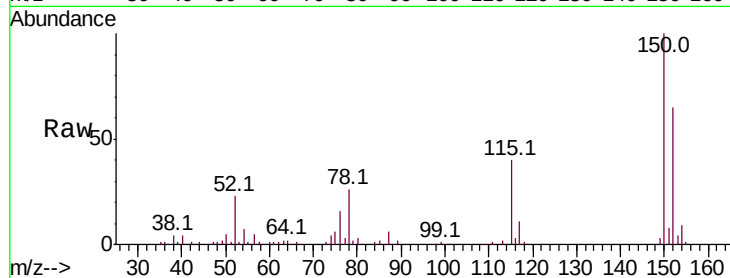


#1

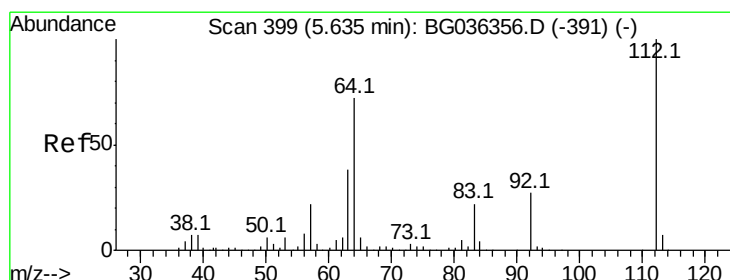
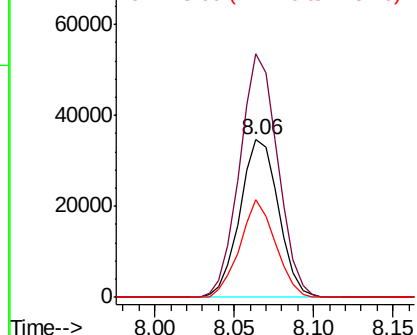
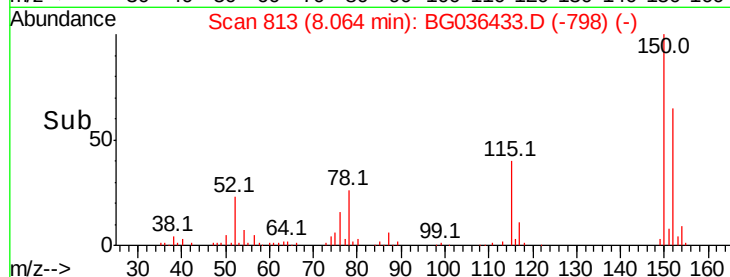
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BG036433.D
 Acq: 27 Aug 2018 16:03

Instrument :
 BNA_G
 ClientSampleId :
 FB081618

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	119.5	179.3
115	61.9	44.5	66.7



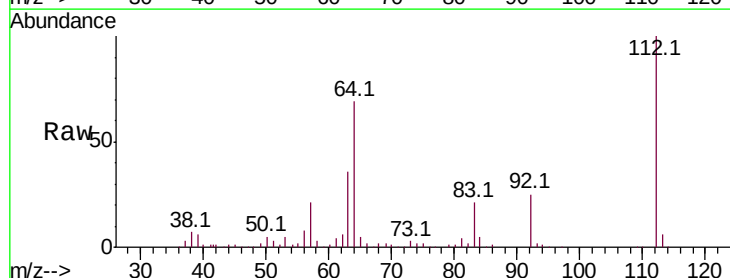
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



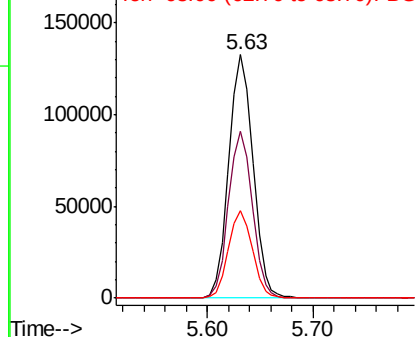
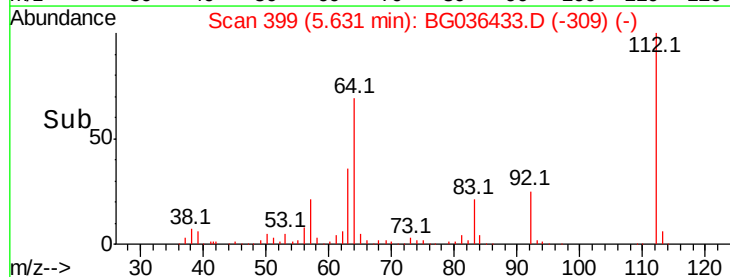
#5

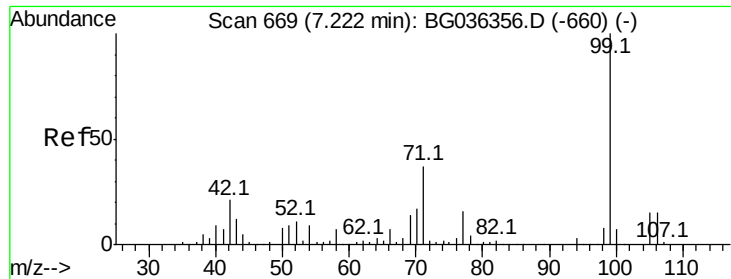
2-Fluorophenol
 Concen: 57.125 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BG036433.D
 Acq: 27 Aug 2018 16:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.6	57.2	85.8
63	36.2	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: 33.940 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036433.D

Acq: 27 Aug 2018 16:03

Instrument :

BNA_G

ClientSampled :

FB081618

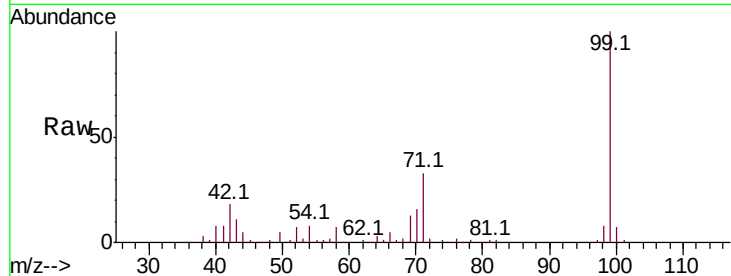
Tot Ion: 99 Resp: 179199

Ion Ratio Lower Upper

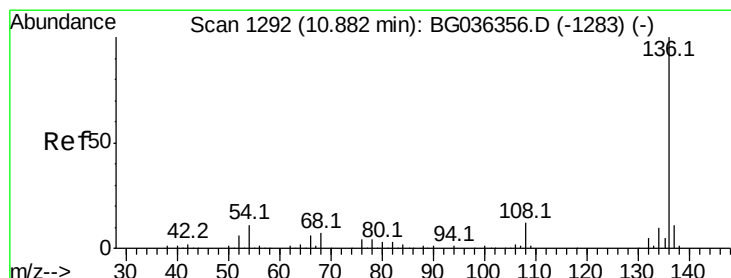
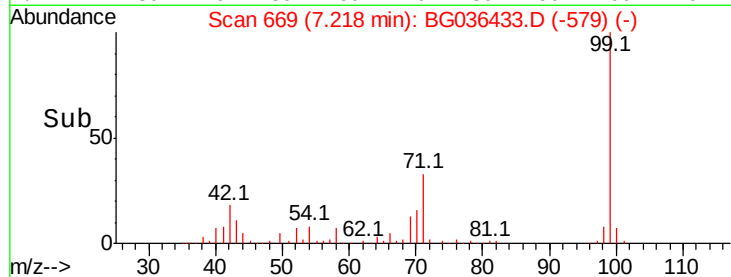
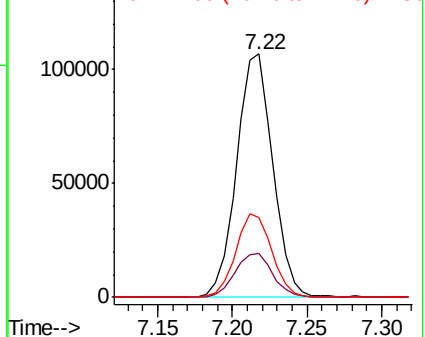
99 100

42 18.0 16.5 24.7

71 32.5 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: BG036433.D

Acq: 27 Aug 2018 16:03

Tgt Ion: 136 Resp: 236358

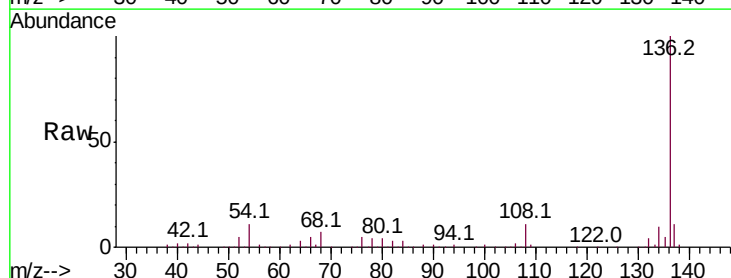
Ion Ratio Lower Upper

136 100

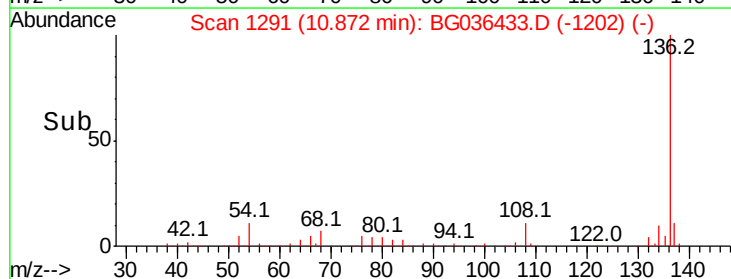
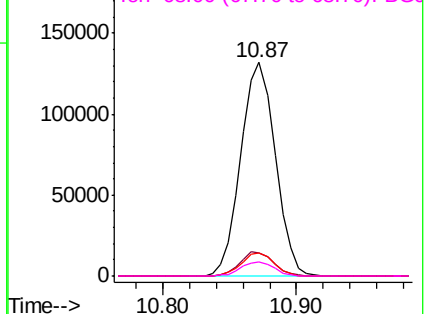
137 10.8 8.8 13.2

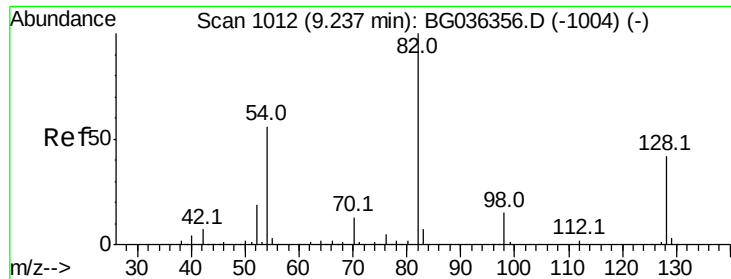
54 10.7 9.2 13.8

68 6.8 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

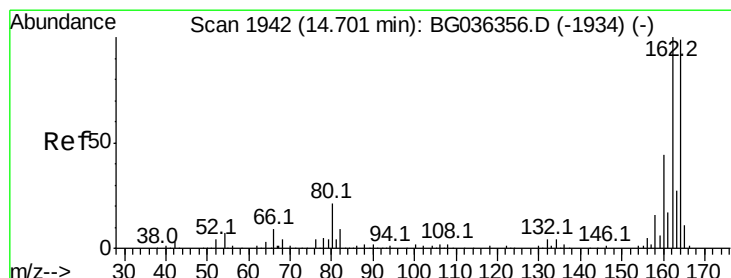
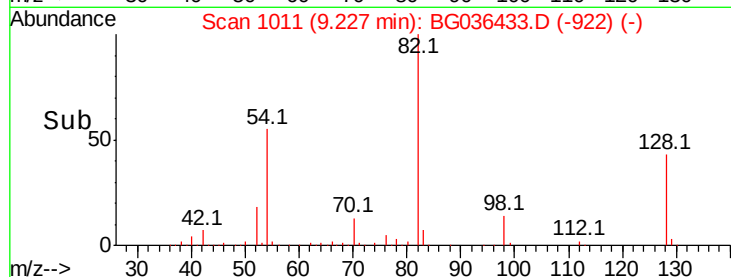
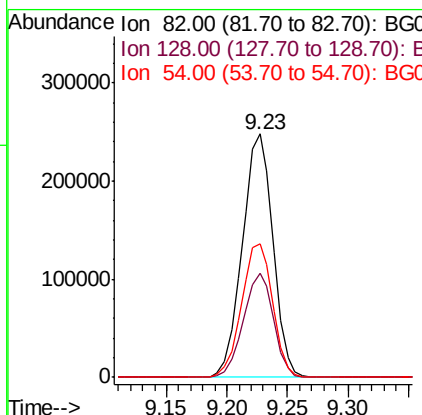
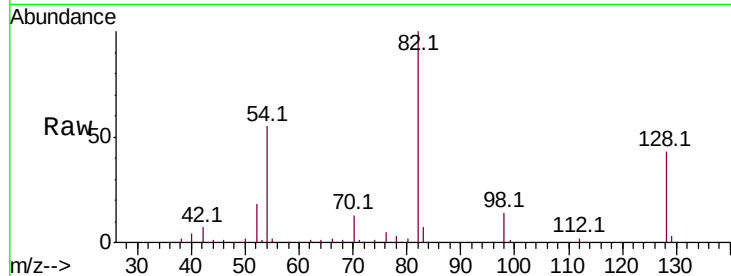




#23
 Nitrobenzene-d5
 Concen: 100.550 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG036433.D
 Acq: 27 Aug 2018 16:03

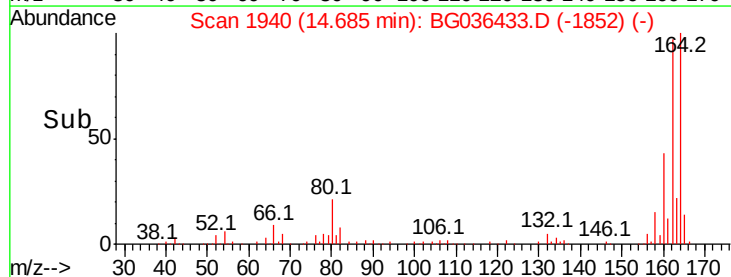
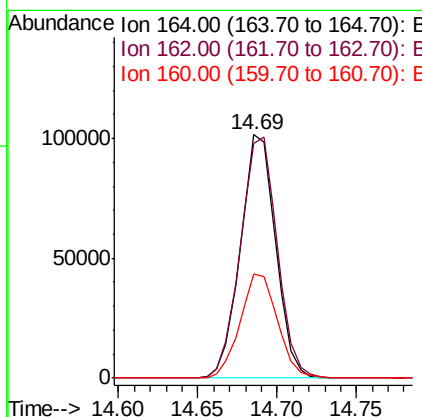
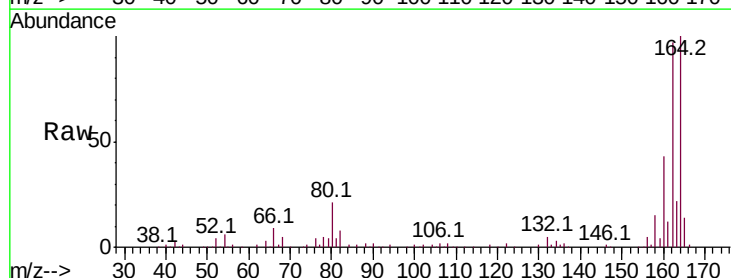
Instrument :
 BNA_G
 ClientSampleId :
 FB081618

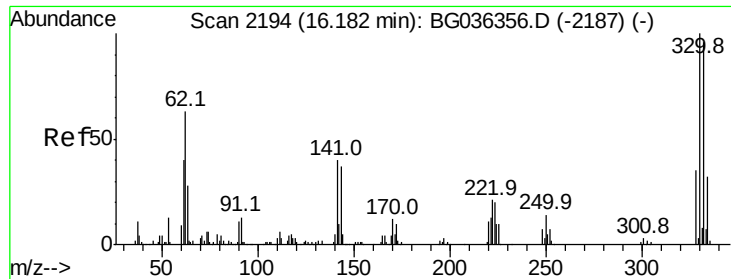
Tot Ion	82	Resp	438027
Ion Ratio	Lower	Upper	
82	100		
128	42.8	33.3	49.9
54	54.9	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.02 min
 Lab File: BG036433.D
 Acq: 27 Aug 2018 16:03

Tgt Ion	164	Resp	156645
Ion Ratio	Lower	Upper	
164	100		
162	96.6	80.7	121.1
160	42.9	35.3	52.9

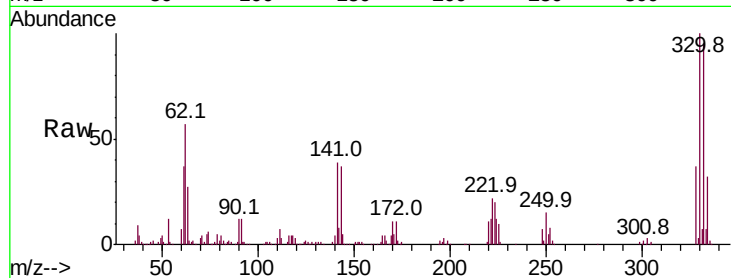




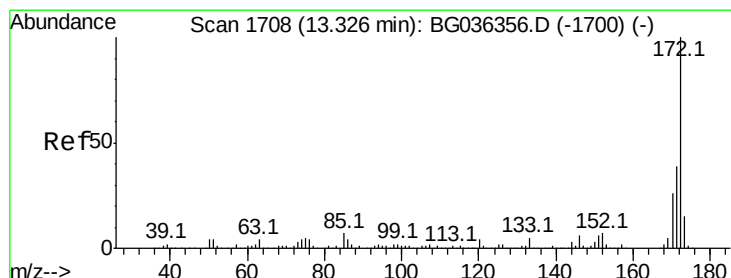
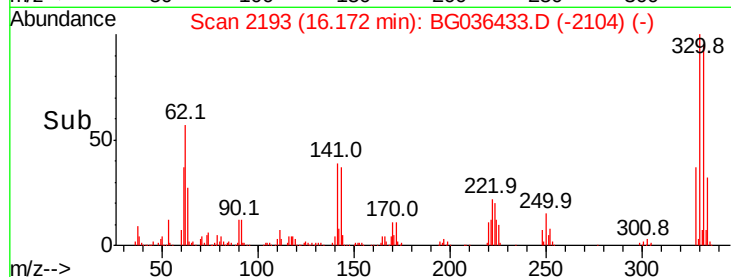
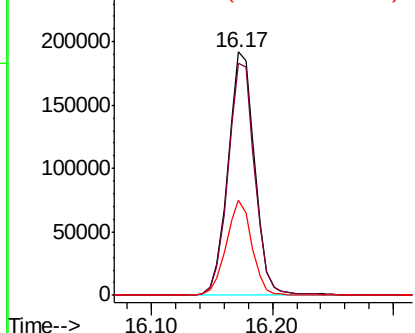
#41
 2,4,6-Tribromophenol
 Concen: 157.329 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036433.D
 Acq: 27 Aug 2018 16:03

Instrument :
 BNA_G
 ClientSampleId :
 FB081618

Tot Ion:330 Resp: 294067
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.4 113.2
 141 37.7 30.7 46.1

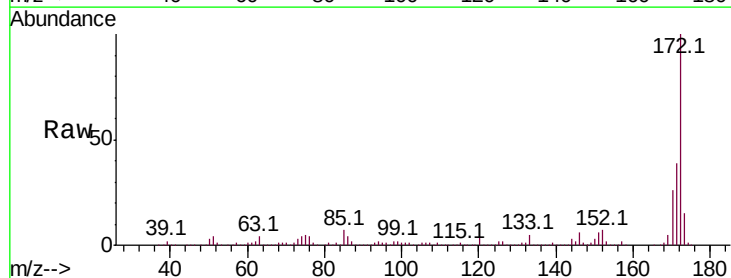


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

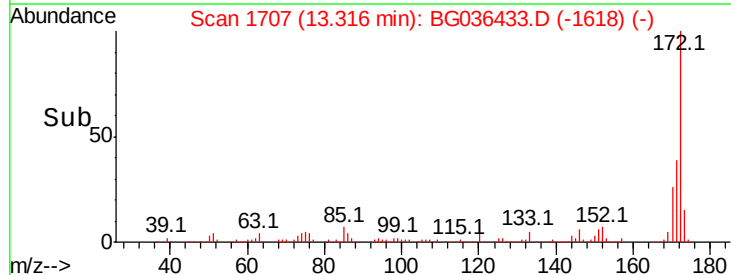
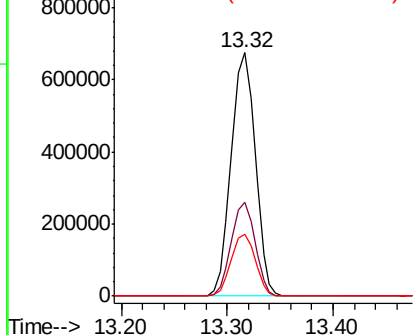


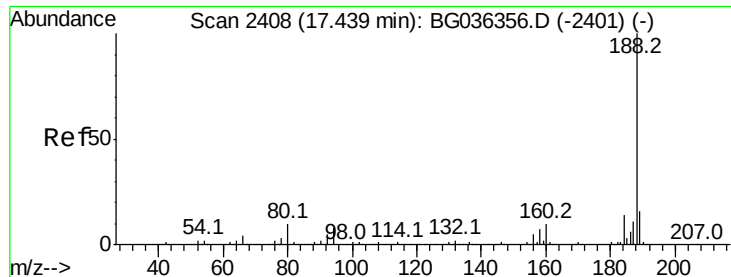
#44
 2-Fluorobiphenyl
 Concen: 97.198 ng
 RT: 13.32 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG036433.D
 Acq: 27 Aug 2018 16:03

Tgt Ion:172 Resp: 1066357
 Ion Ratio Lower Upper
 172 100
 171 38.7 31.3 46.9
 170 25.5 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

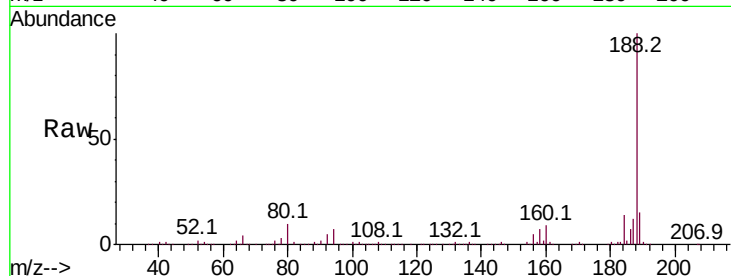




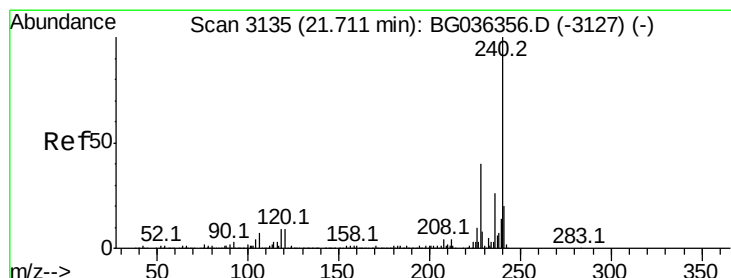
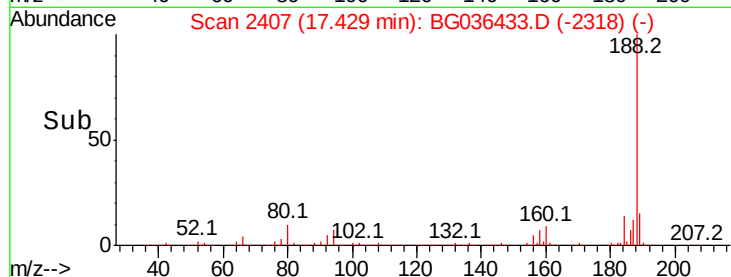
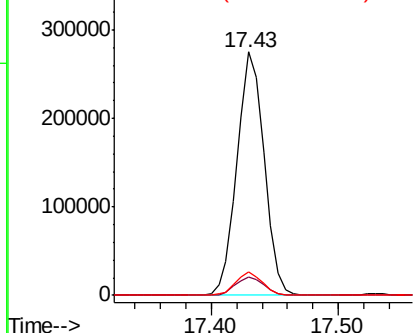
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG036433.D
 Acq: 27 Aug 2018 16:03

Instrument :
 BNA_G
 ClientSampleId :
 FB081618

Tot Ion:188 Resp: 408307
 Ion Ratio Lower Upper
 188 100
 94 7.3 6.7 10.1
 80 9.6 8.1 12.1

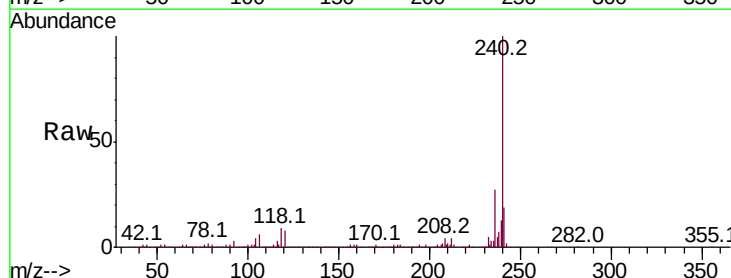


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

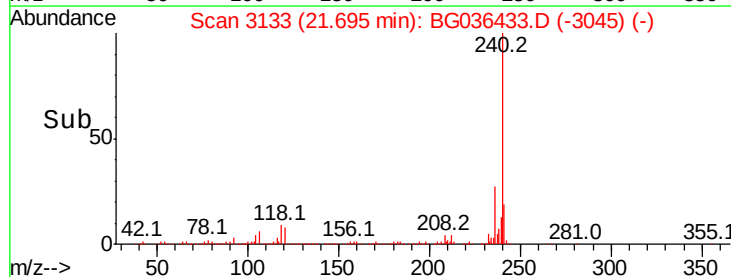
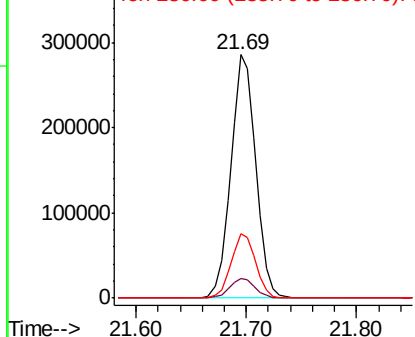


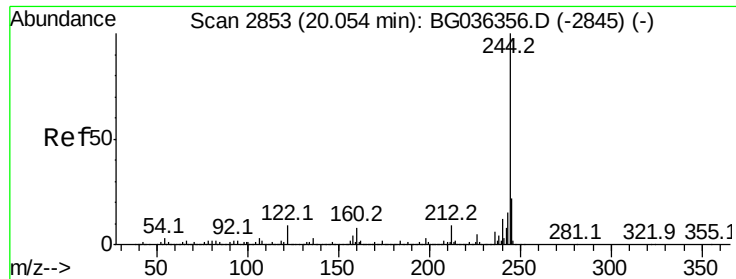
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3133
 Delta R.T. -0.02 min
 Lab File: BG036433.D
 Acq: 27 Aug 2018 16:03

Tgt Ion:240 Resp: 450544
 Ion Ratio Lower Upper
 240 100
 120 8.1 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: 97.208 ng

RT: 20.04 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG036433.D

Acq: 27 Aug 2018 16:03

Instrument :

BNA_G

ClientSampleId :

FB081618

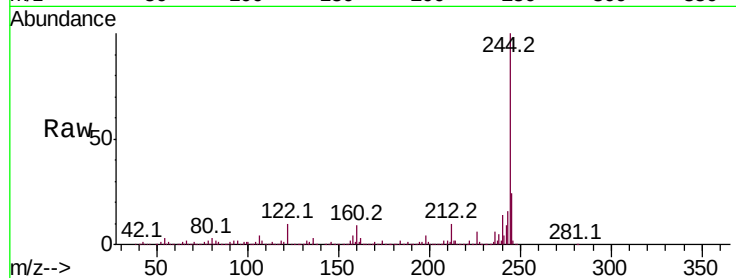
Tot Ion:244 Resp: 1873773

Ion Ratio Lower Upper

244 100

212 10.0 7.0 10.6

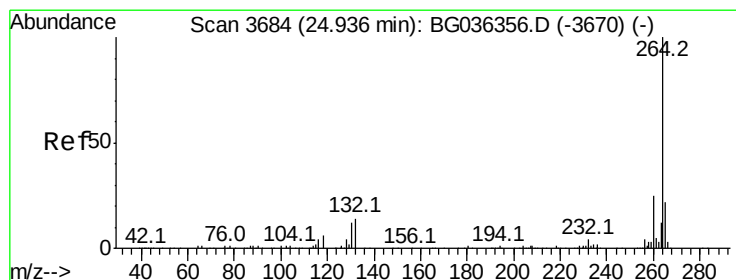
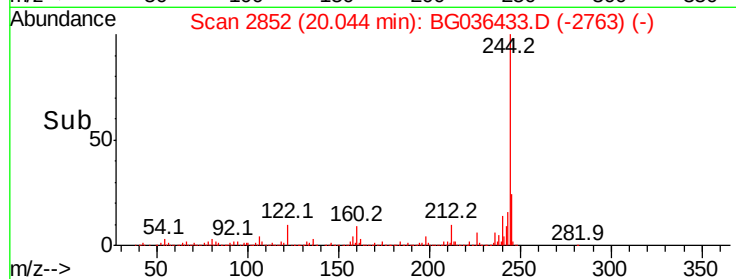
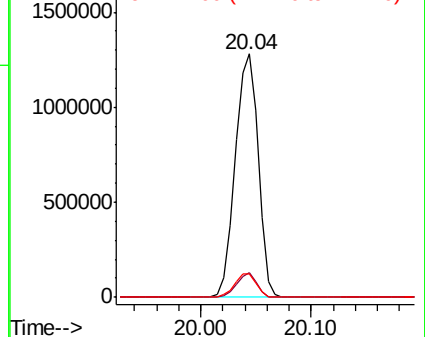
122 9.8 7.1 10.7



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# 3681

Delta R.T. -0.02 min

Lab File: BG036433.D

Acq: 27 Aug 2018 16:03

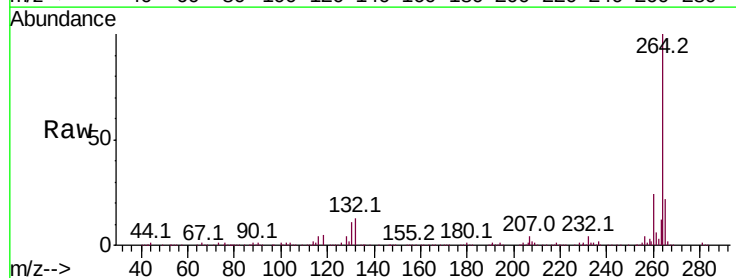
Tgt Ion:264 Resp: 451111

Ion Ratio Lower Upper

264 100

260 23.6 19.6 29.4

265 22.4 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

