

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
 Data File : BG036552.D
 Acq On : 5 Sep 2018 5:33
 Operator : JU/SJ
 Sample : J4759-11
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 083018-TIPC-F-D-B

Quant Time: Sep 05 07:13:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

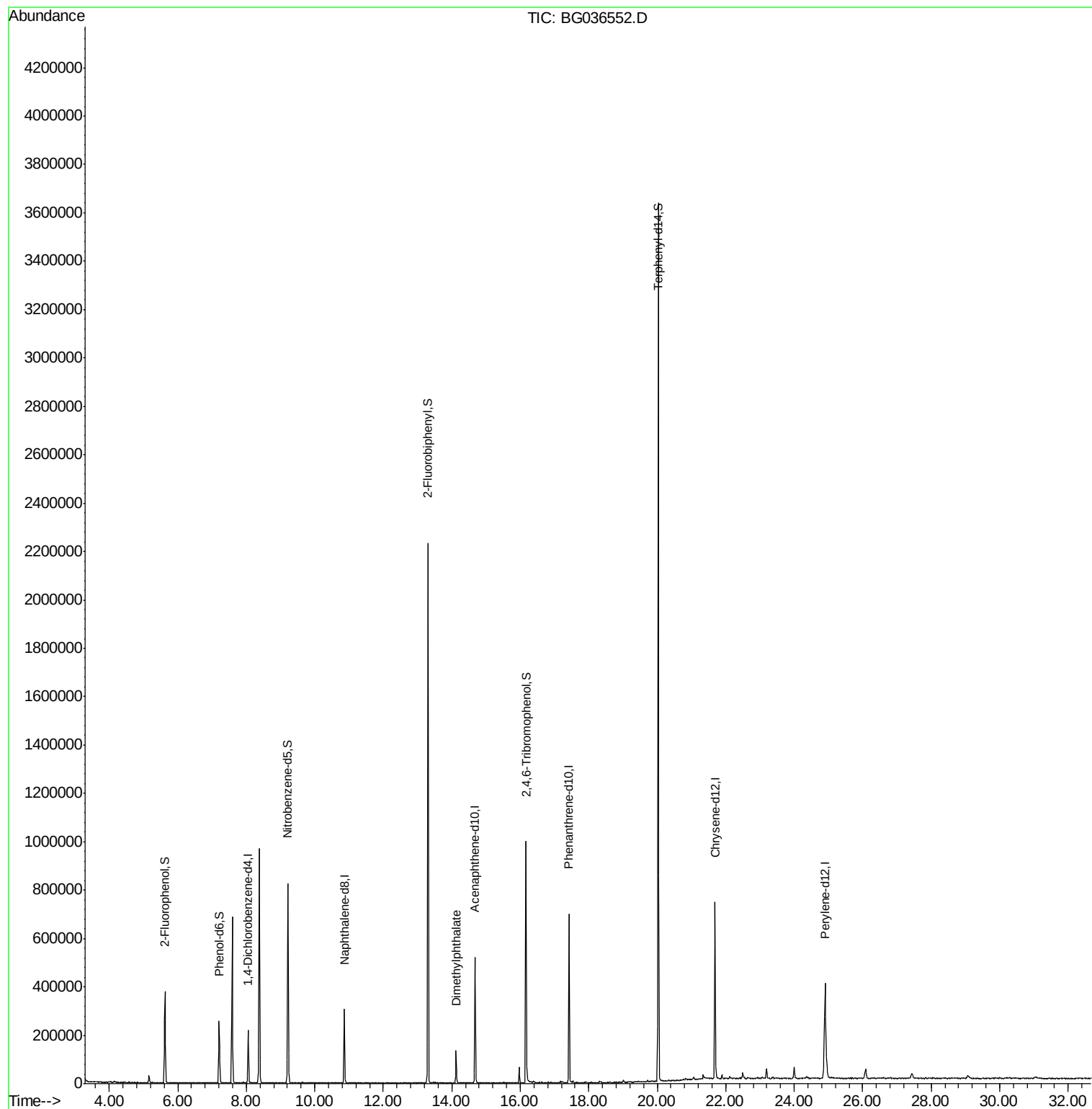
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	61540	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	260701	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	174803	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	447150	20.00	ng	0.00
75) Chrysene-d12	21.68	240	466000	20.00	ng	-0.01
86) Perylene-d12	24.89	264	461514	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	166490	42.92	ng	0.00
7) Phenol-d6	7.21	99	151231	27.23	ng	-0.01
23) Nitrobenzene-d5	9.22	82	497306	103.50	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	199932	95.85	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1151364	94.05	ng	0.00
78) Terphenyl-d14	20.03	244	1721269	86.33	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.13	163	91160	6.387	ng	Qvalue 99

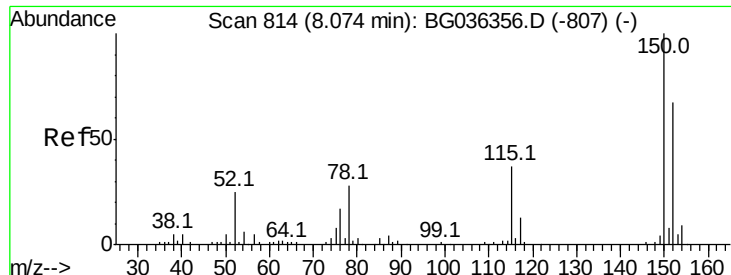
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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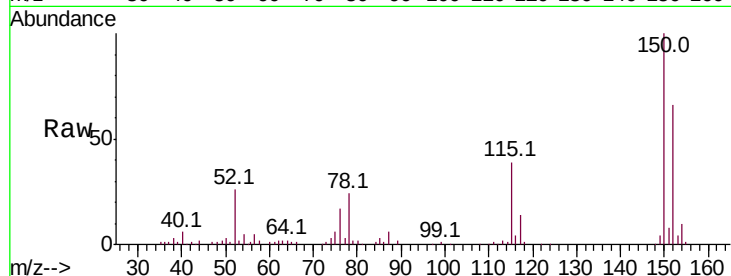


#1

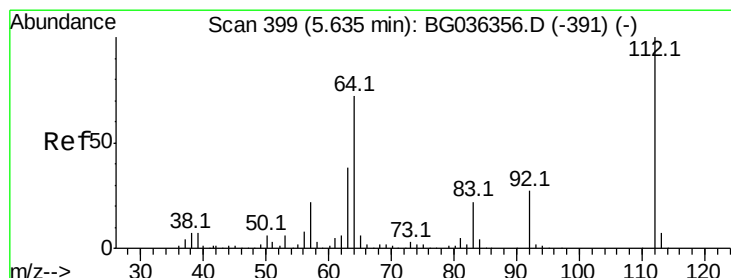
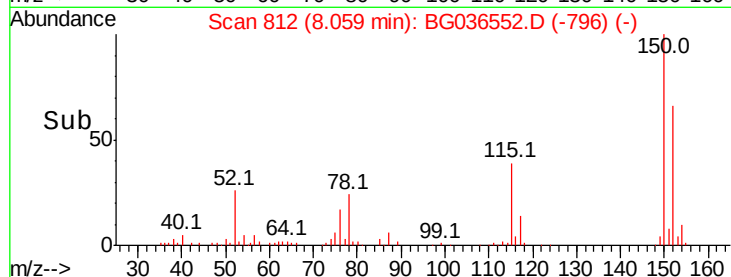
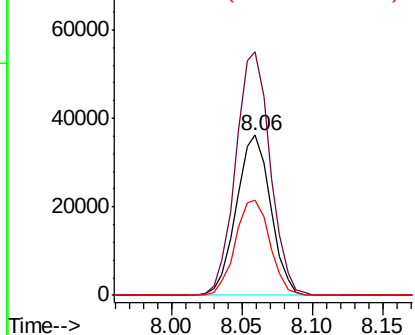
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG036552.D
Acq: 5 Sep 2018 5:33

Instrument :
BNA_G
ClientSampleId :
083018-TIPC-F-D-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	119.5	179.3
115	59.2	44.5	66.7



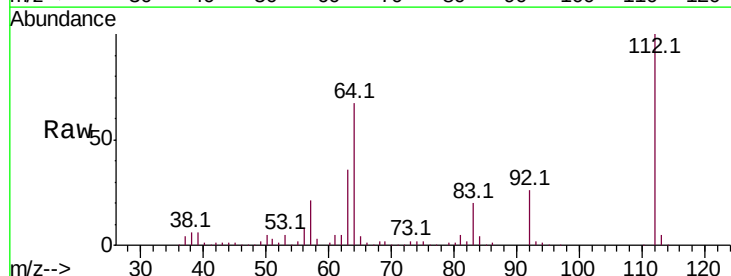
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



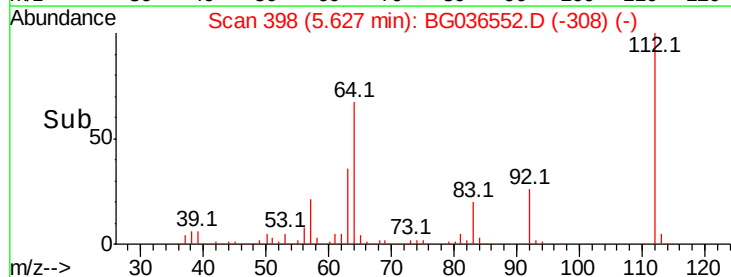
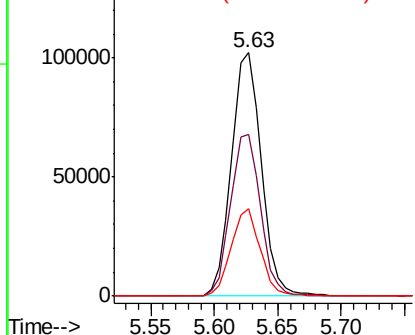
#5

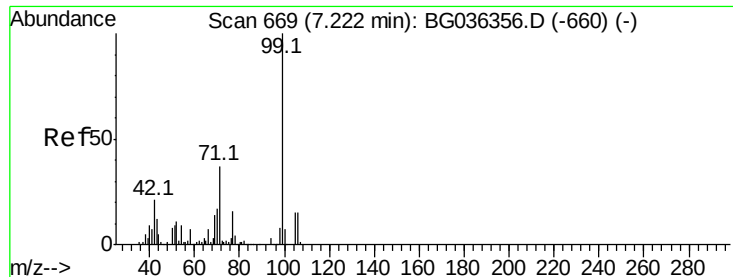
2-Fluorophenol
Concen: 42.916 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036552.D
Acq: 5 Sep 2018 5:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	57.2	85.8
63	35.9	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: 27.227 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036552.D

Acq: 5 Sep 2018 5:33

Instrument :

BNA_G

ClientSampleId :

083018-TIPC-F-D-B

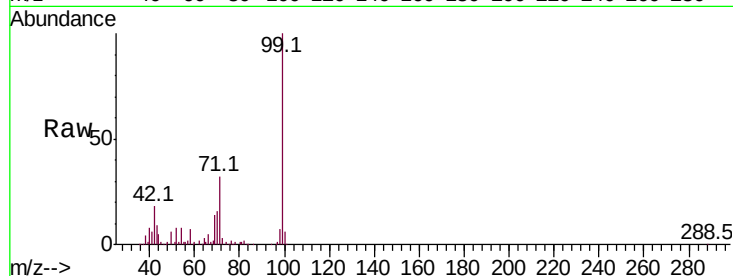
Tot Ion: 99 Resp: 151231

Ion Ratio Lower Upper

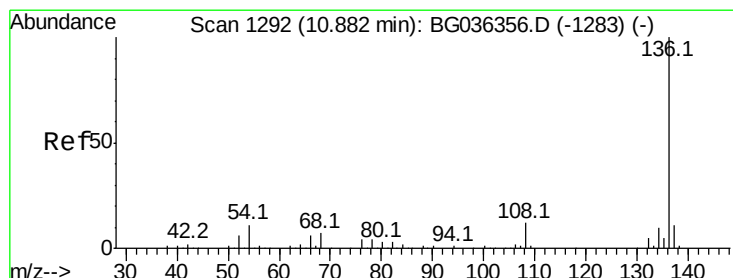
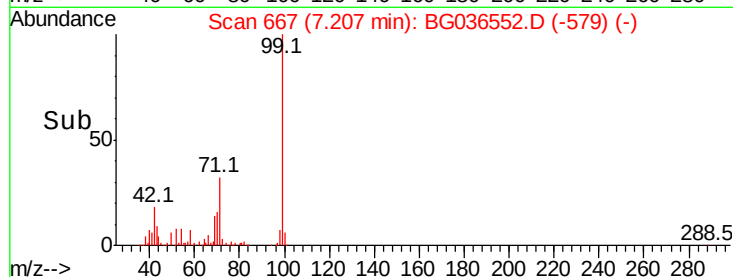
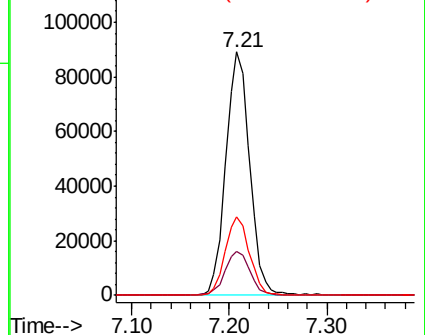
99 100

42 18.2 16.5 24.7

71 32.0 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. -0.00 min

Lab File: BG036552.D

Acq: 5 Sep 2018 5:33

Tgt Ion: 136 Resp: 260701

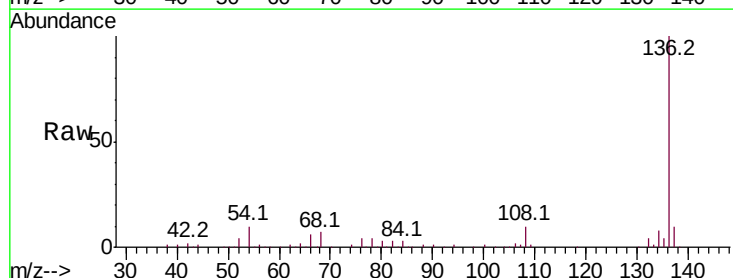
Ion Ratio Lower Upper

136 100

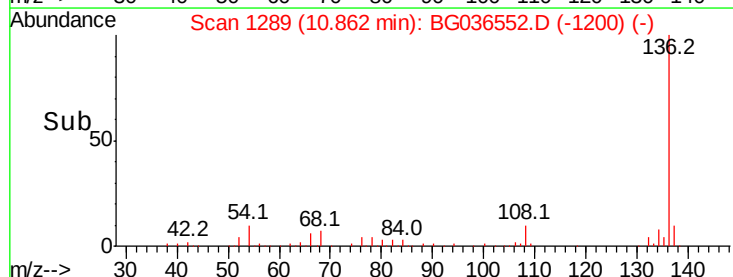
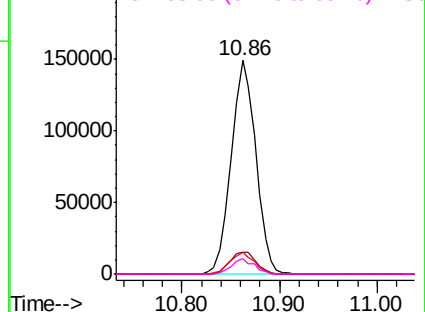
137 10.4 8.8 13.2

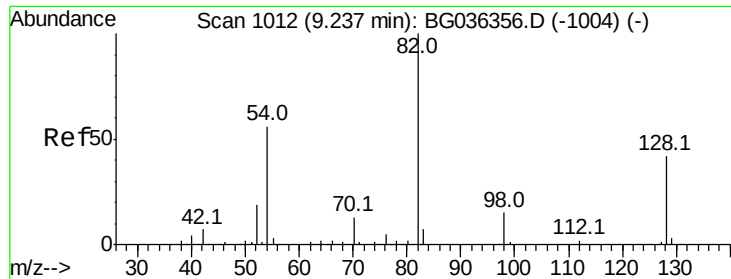
54 10.3 9.2 13.8

68 7.4 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

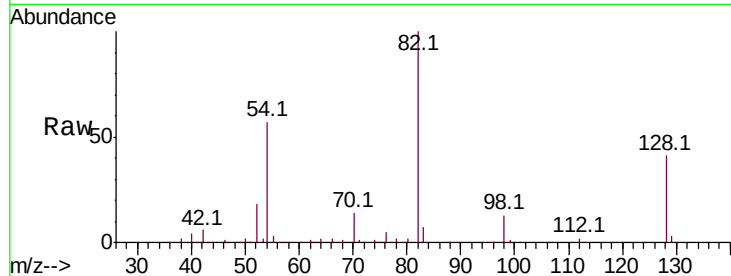




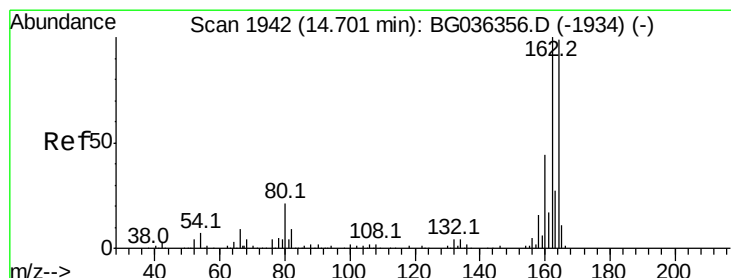
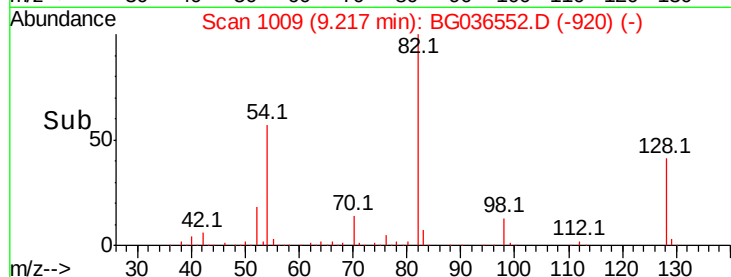
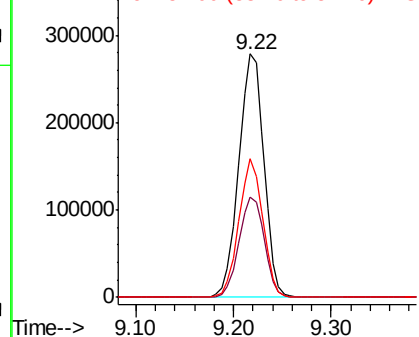
#23
 Nitrobenzene-d5
 Concen: 103.499 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BG036552.D
 Acq: 5 Sep 2018 5:33

Instrument :
 BNA_G
 ClientSampleId :
 083018-TIPC-F-D-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.3	49.9
54	56.8	45.1	67.7

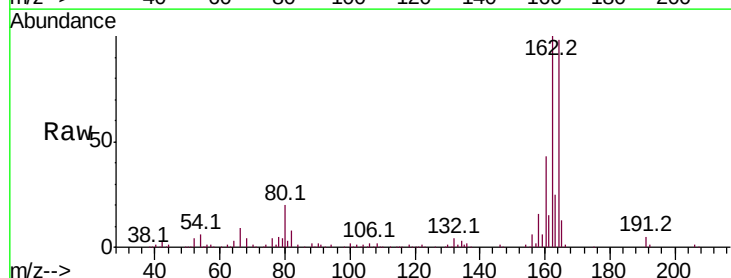


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

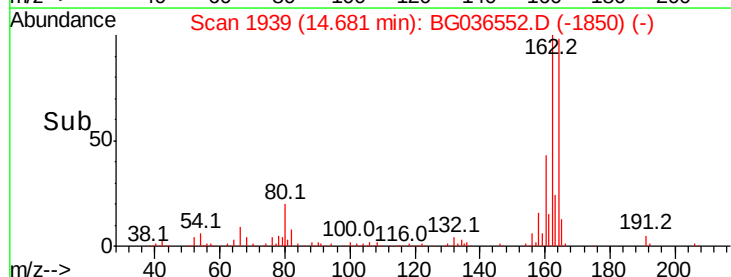
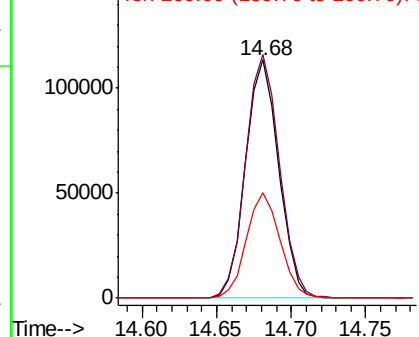


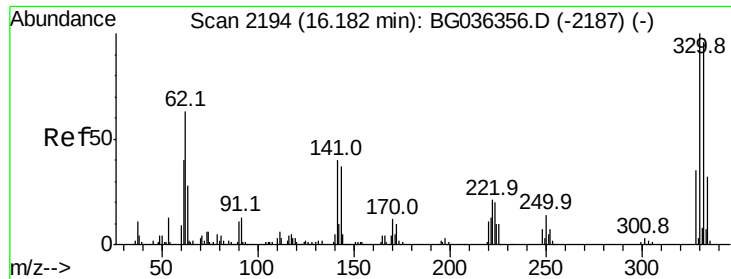
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: BG036552.D
 Acq: 5 Sep 2018 5:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.7	121.1
160	44.3	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

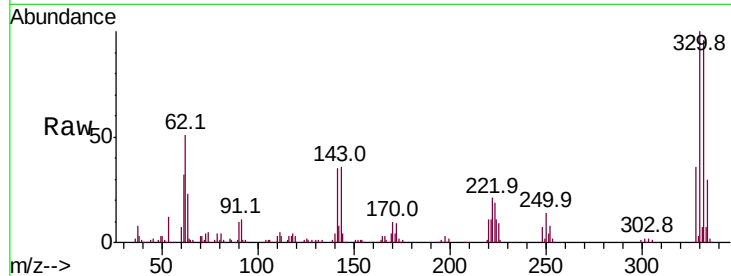




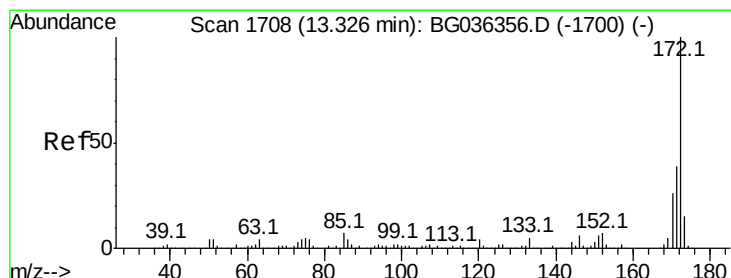
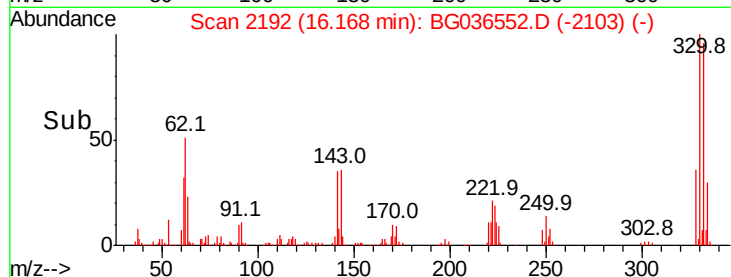
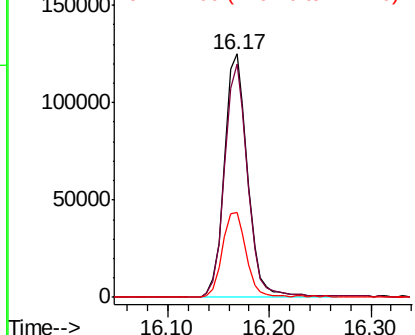
#41
 2,4,6-Tribromophenol
 Concen: 95.854 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG036552.D
 Acq: 5 Sep 2018 5:33

Instrument :
 BNA_G
 ClientSampleId :
 083018-TIPC-F-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.4	113.2
141	36.4	30.7	46.1

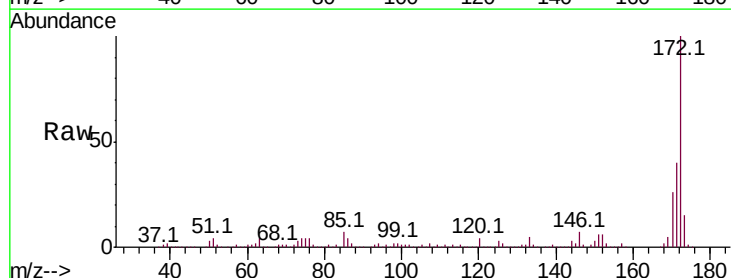


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

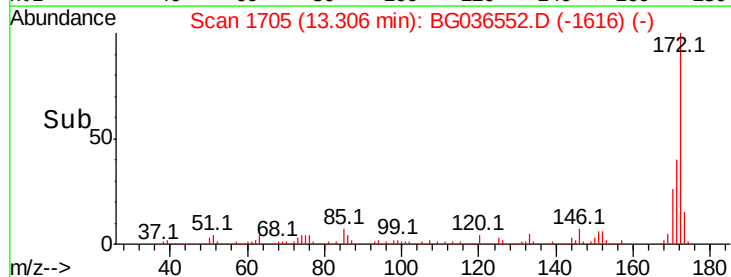
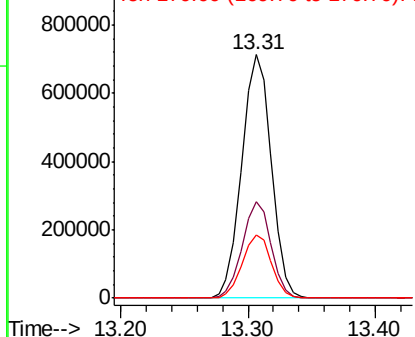


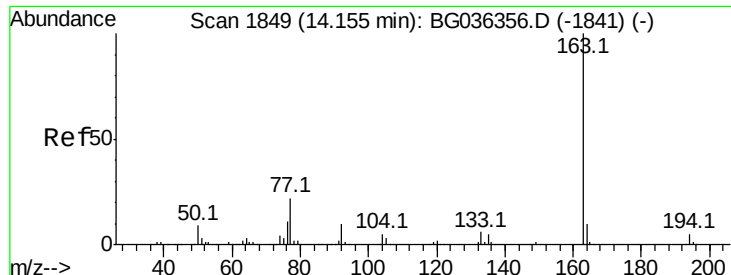
#44
 2-Fluorobiphenyl
 Concen: 94.045 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036552.D
 Acq: 5 Sep 2018 5:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.5	31.3	46.9
170	25.8	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: 6.387 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BG036552.D

Acq: 5 Sep 2018 5:33

Instrument :

BNA_G

ClientSampleId :

083018-TIPC-F-D-B

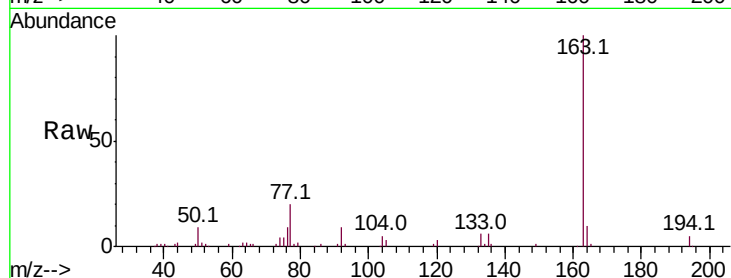
Tot Ion:163 Resp: 91160

Ion Ratio Lower Upper

163 100

194 4.7 4.0 6.0

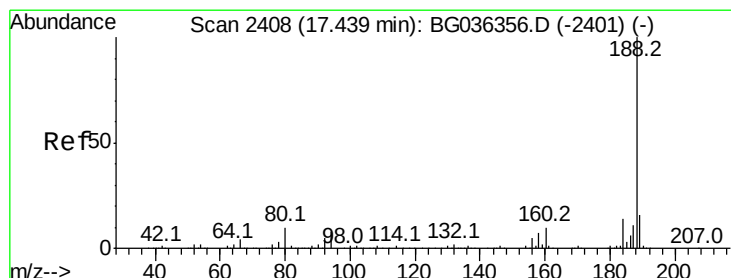
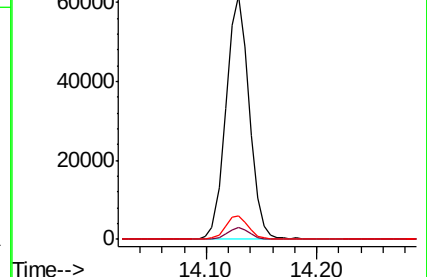
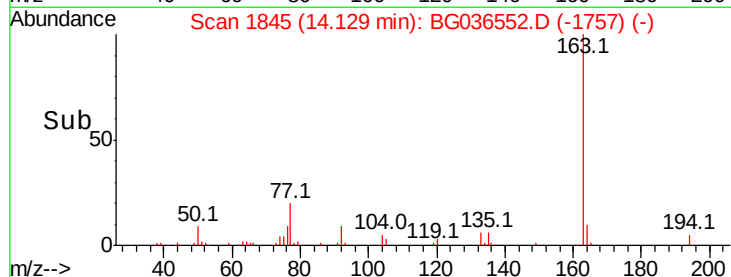
164 9.9 8.1 12.1



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: 17.42 min Scan# 2406

Delta R.T. -0.00 min

Lab File: BG036552.D

Acq: 5 Sep 2018 5:33

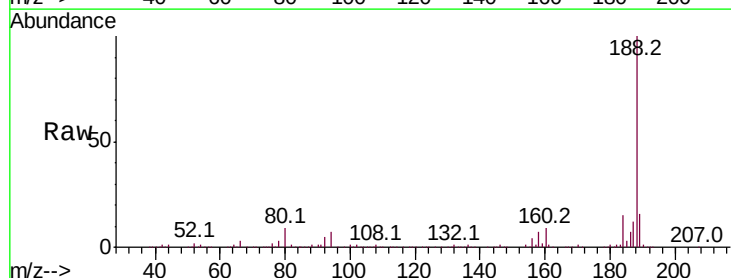
Tgt Ion:188 Resp: 447150

Ion Ratio Lower Upper

188 100

94 7.2 6.7 10.1

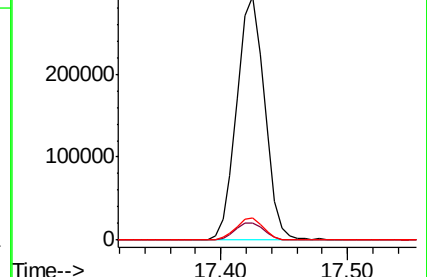
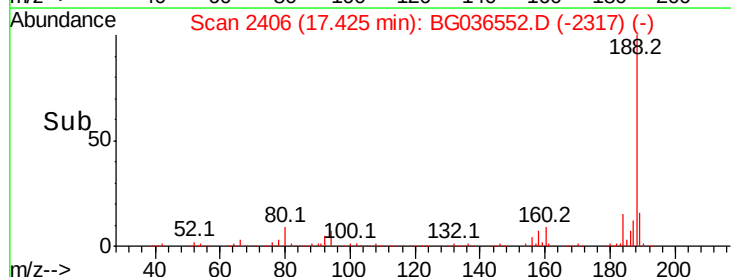
80 9.1 8.1 12.1

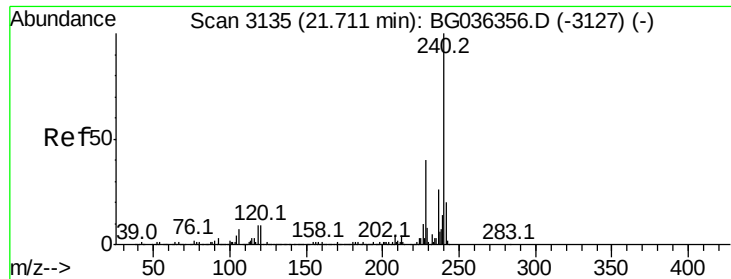


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036552.D

Acq: 5 Sep 2018 5:33

Instrument :

BNA_G

ClientSampleId :

083018-TIPC-F-D-B

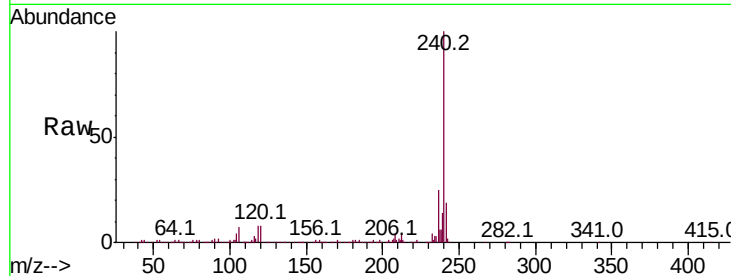
Tot Ion:240 Resp: 466000

Ion Ratio Lower Upper

240 100

120 8.3 6.9 10.3

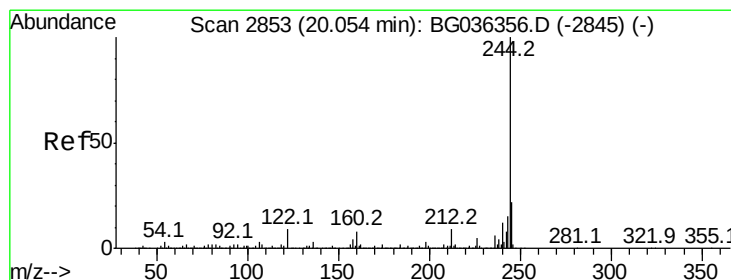
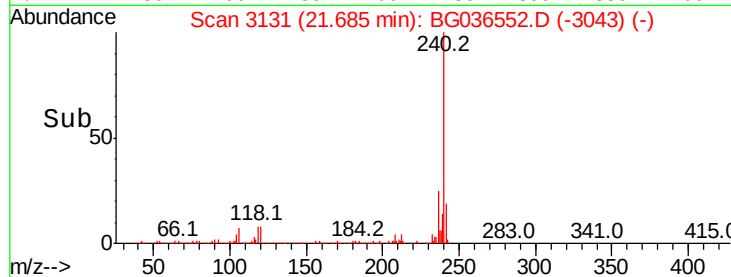
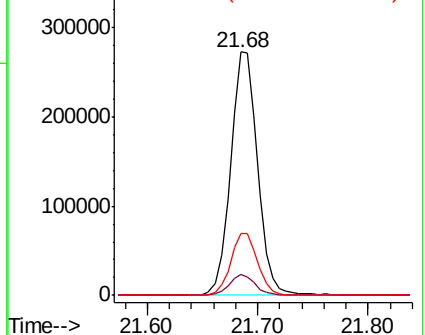
236 25.3 21.2 31.8



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: 86.335 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036552.D

Acq: 5 Sep 2018 5:33

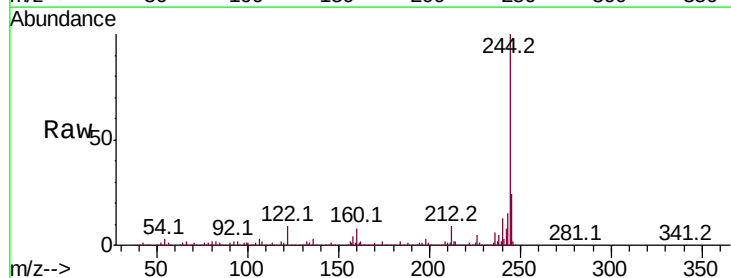
Tgt Ion:244 Resp: 1721269

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

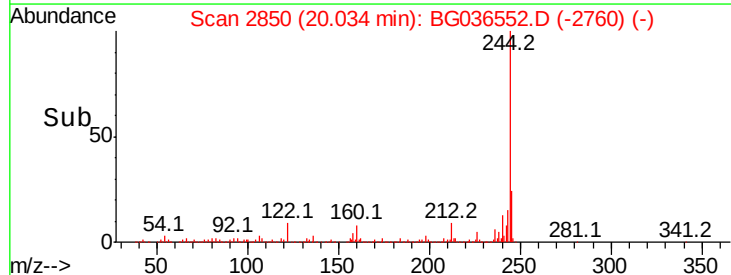
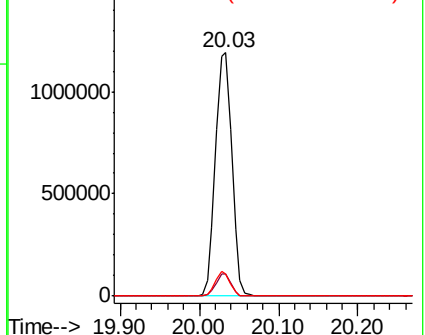
122 9.4 7.1 10.7

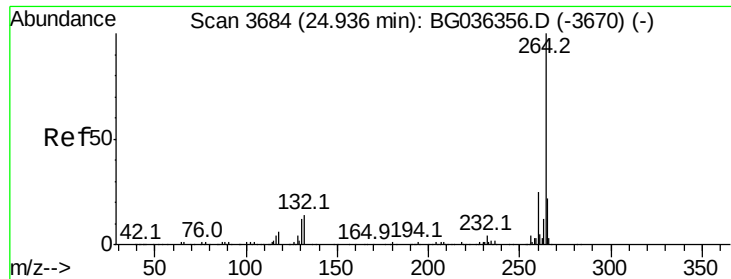


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.89 min Scan# 3677
 Delta R.T. -0.01 min
 Lab File: BG036552.D
 Acq: 5 Sep 2018 5:33

Instrument :
 BNA_G
 ClientSampleId :
 083018-TIPC-F-D-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.6	29.4
265	22.2	17.4	26.0

