

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
 Data File : BG036555.D
 Acq On : 5 Sep 2018 7:30
 Operator : JU/SJ
 Sample : J4759-14
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 083018-TIPC-F-U-S

Quant Time: Sep 05 08:38:12 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

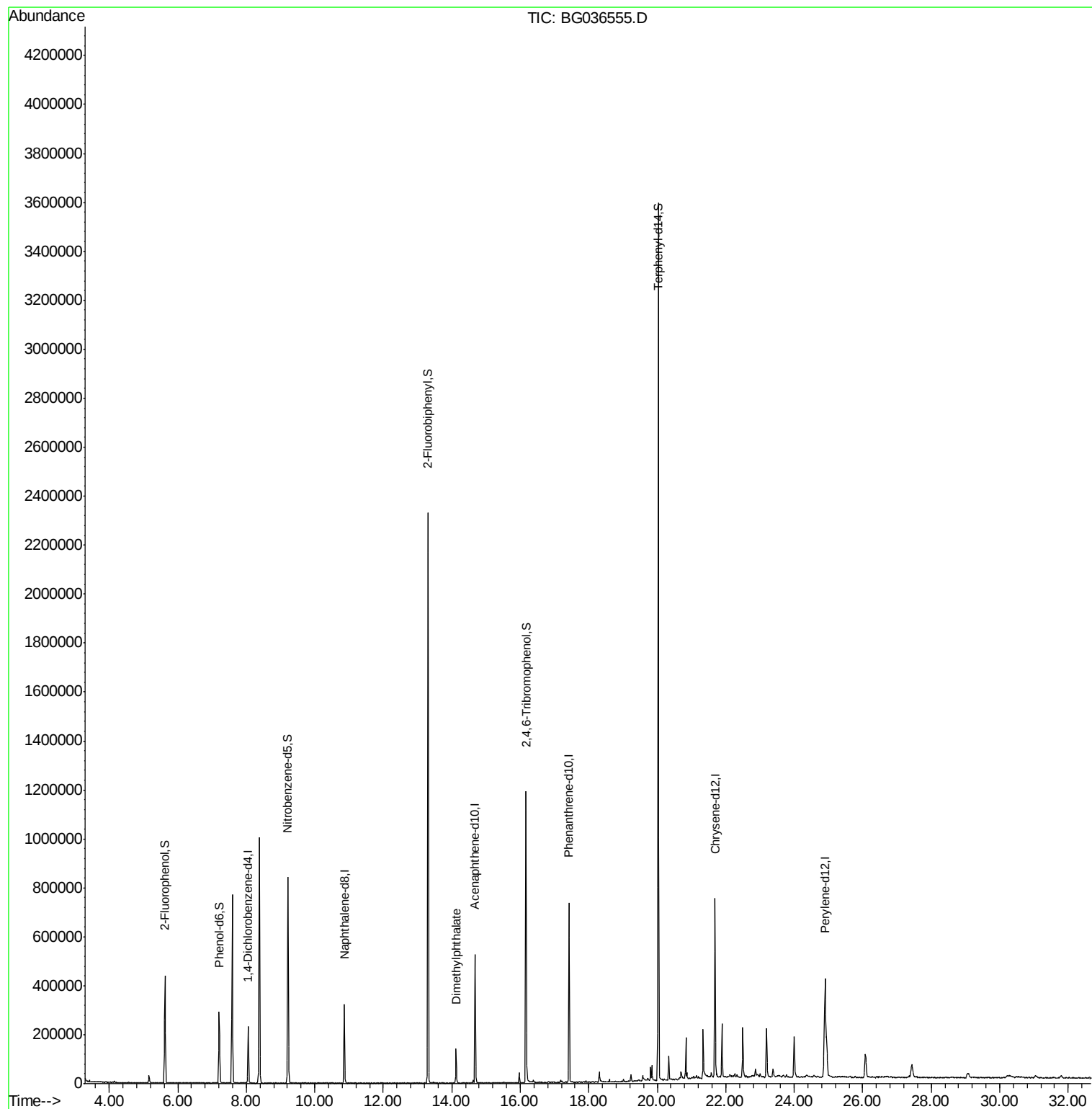
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	64905	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	267531	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	177778	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	451040	20.00	ng	0.00
75) Chrysene-d12	21.69	240	456083	20.00	ng	0.00
86) Perylene-d12	24.89	264	464398	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	185618	45.37	ng	0.00
7) Phenol-d6	7.21	99	165208	28.20	ng	-0.01
23) Nitrobenzene-d5	9.22	82	514605	104.36	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	224889	106.02	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1182405	94.96	ng	0.00
78) Terphenyl-d14	20.03	244	1661675	85.16	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.13	163	92012	6.338	ng	98

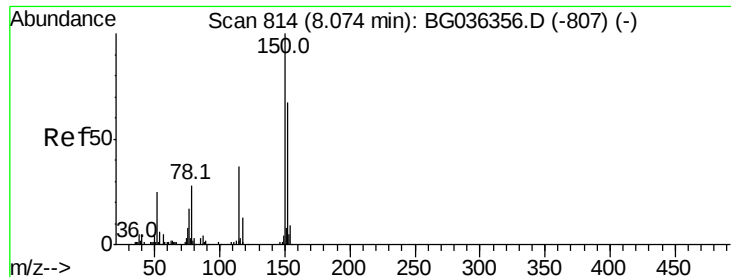
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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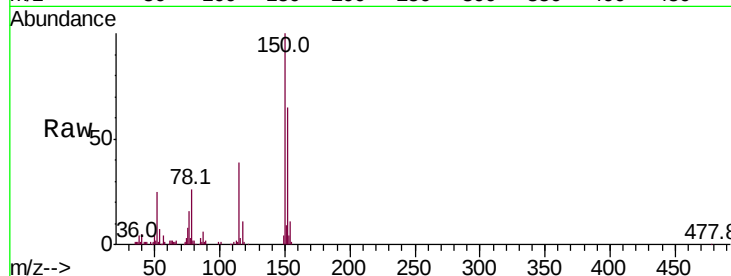


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036555.D
Acq: 5 Sep 2018 7:30

Instrument :
BNA_G
ClientSampleId :
083018-TIPC-F-U-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	119.5	179.3
115	59.9	44.5	66.7



Abundance

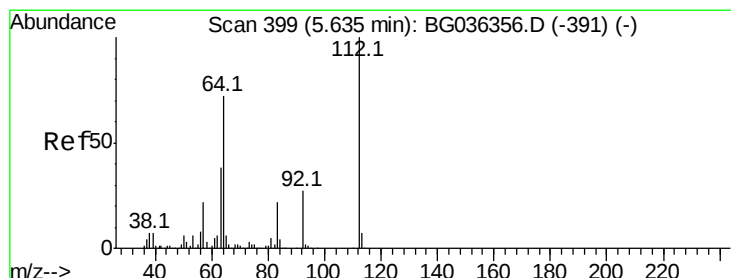
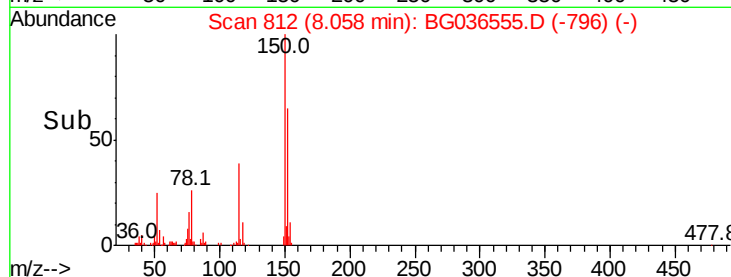
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

8.06

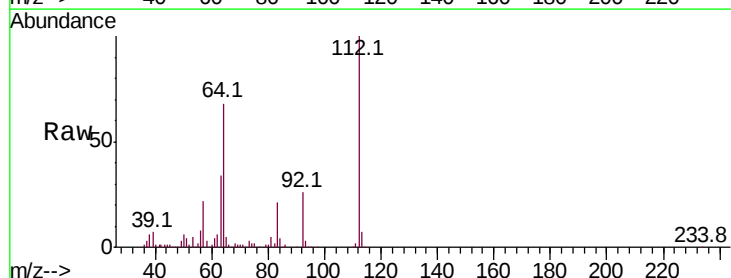
Time-->



#5

2-Fluorophenol
Concen: 45.366 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036555.D
Acq: 5 Sep 2018 7:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.5	57.2	85.8
63	34.3	30.8	46.2



Abundance

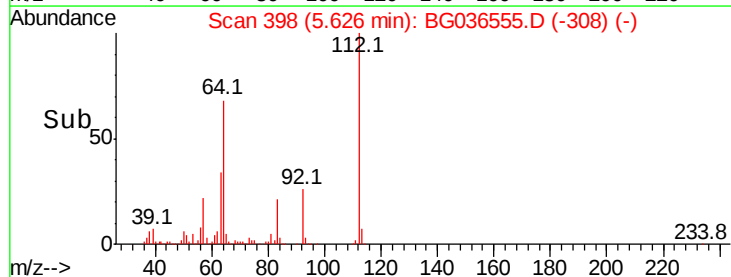
Ion 112.00 (111.70 to 112.70): E

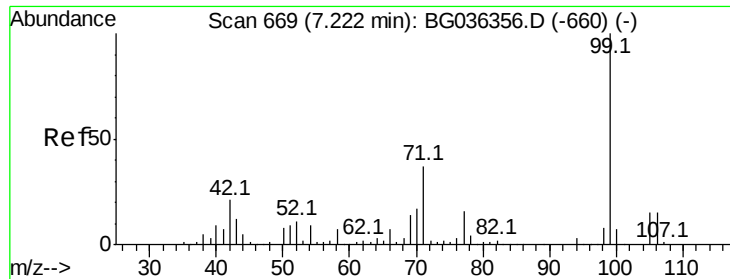
Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG

5.63

Time-->





#7

Phenol-d6

Concen: 28.201 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036555.D

Acq: 5 Sep 2018 7:30

Instrument :

BNA_G

ClientSampleId :

083018-TIPC-F-U-S

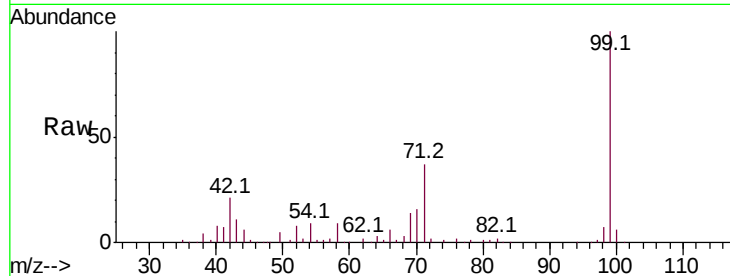
Tot Ion: 99 Resp: 165208

Ion Ratio Lower Upper

99 100

42 20.8 16.5 24.7

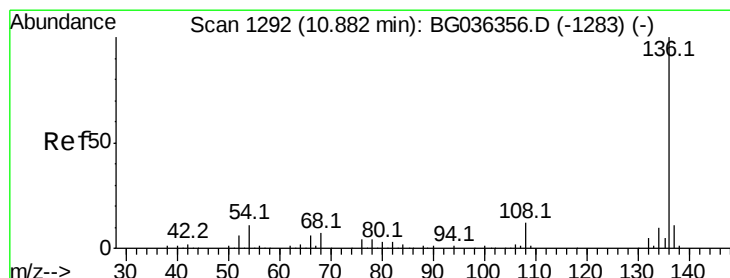
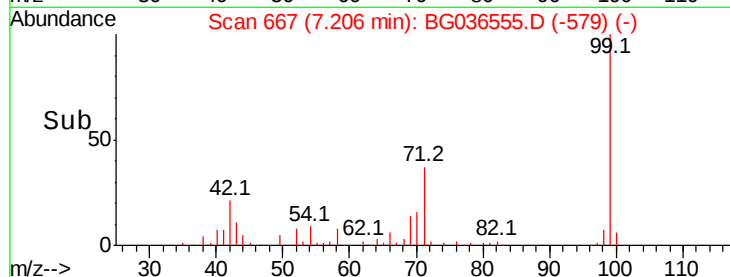
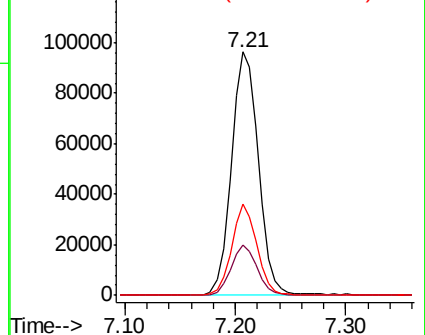
71 37.4 29.4 44.2



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: 10.86 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BG036555.D

Acq: 5 Sep 2018 7:30

Tgt Ion: 136 Resp: 267531

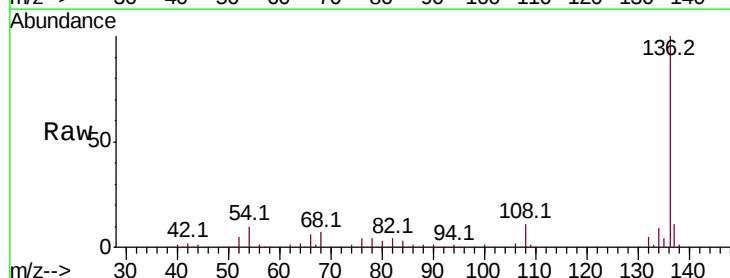
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 10.2 9.2 13.8

68 6.6 5.8 8.6

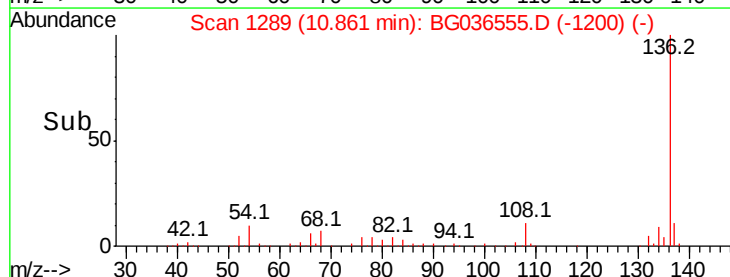
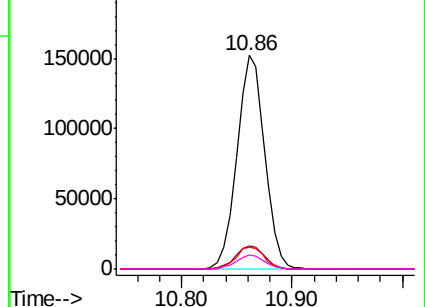


Abundance Ion 136.00 (135.70 to 136.70): E

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

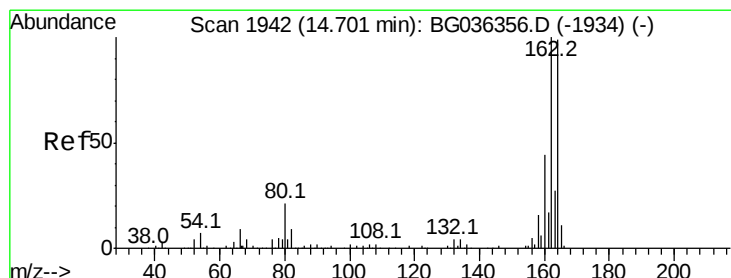
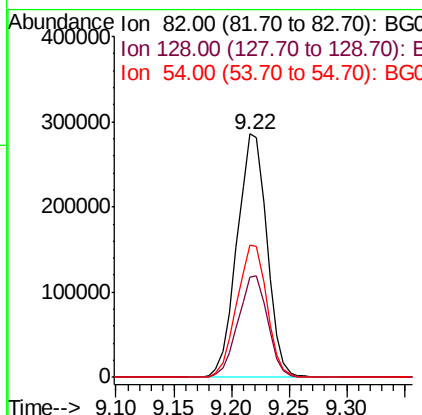
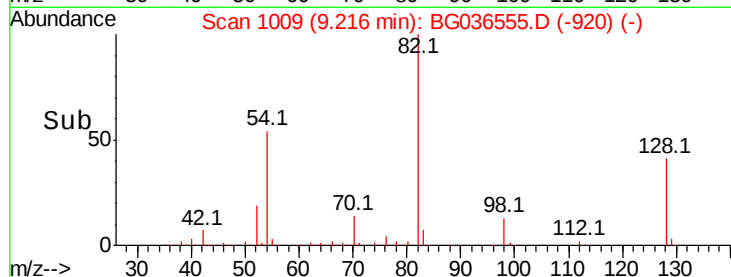
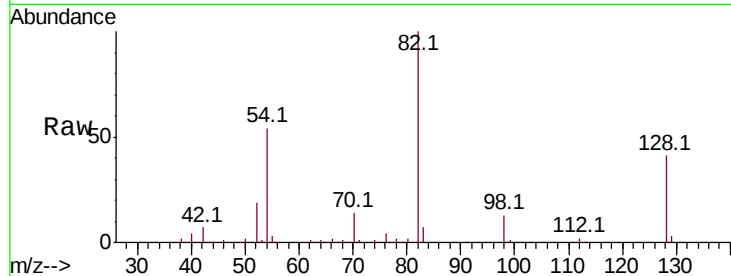




#23
Nitrobenzene-d5
Concen: 104.365 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG036555.D
Acq: 5 Sep 2018 7:30

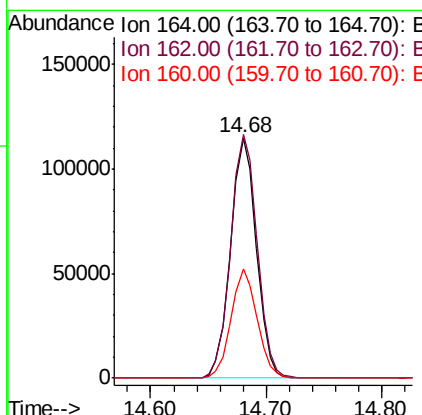
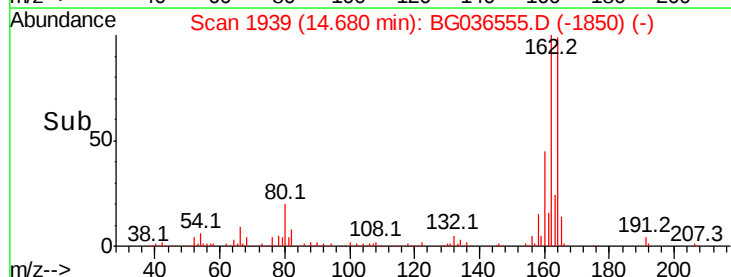
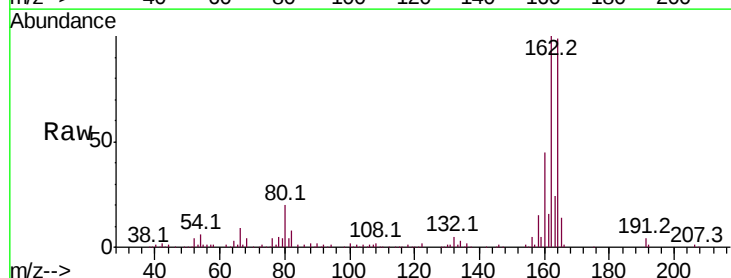
Instrument :
BNA_G
ClientSampleId :
083018-TIPC-F-U-S

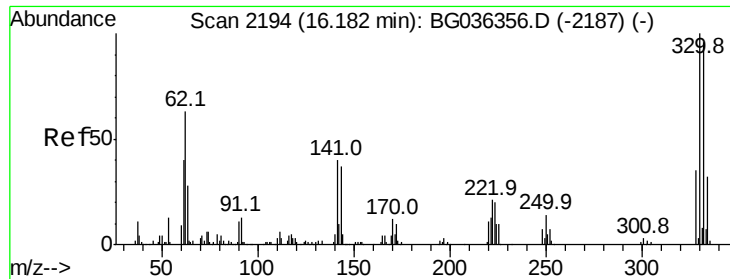
Tot Ion: 82 Resp: 514605
Ion Ratio Lower Upper
82 100
128 40.9 33.3 49.9
54 54.1 45.1 67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG036555.D
Acq: 5 Sep 2018 7:30

Tgt Ion:164 Resp: 177778
Ion Ratio Lower Upper
164 100
162 101.5 80.7 121.1
160 45.7 35.3 52.9

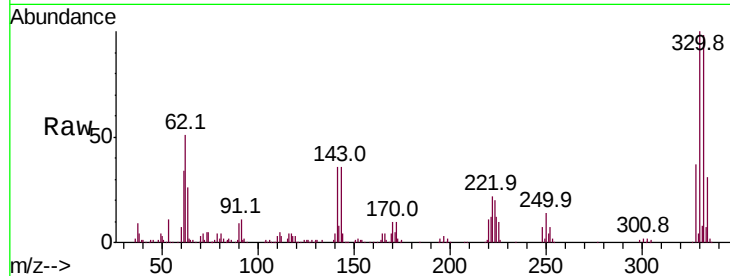




#41
 2,4,6-Tribromophenol
 Concen: 106.015 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036555.D
 Acq: 5 Sep 2018 7:30

Instrument :
 BNA_G
 ClientSampleId :
 083018-TIPC-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.4	113.2
141	36.6	30.7	46.1

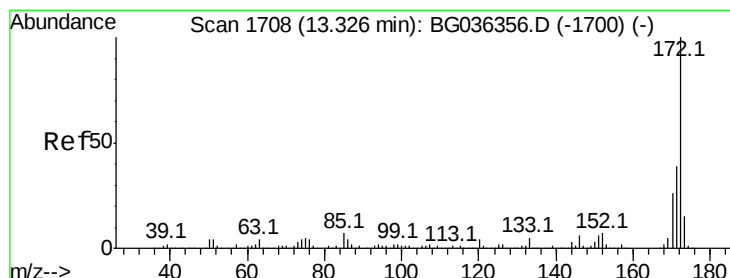
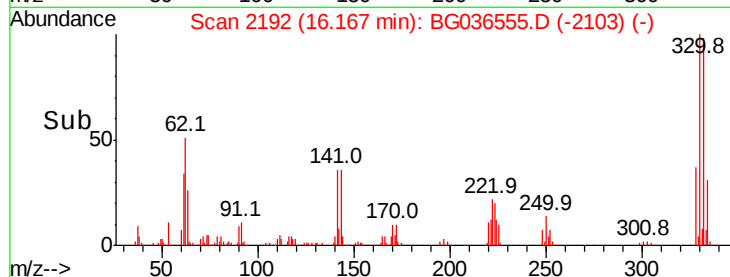
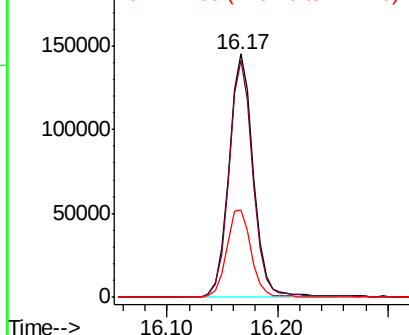


Abundance

Ion 329.80 (329.50 to 330.50): E

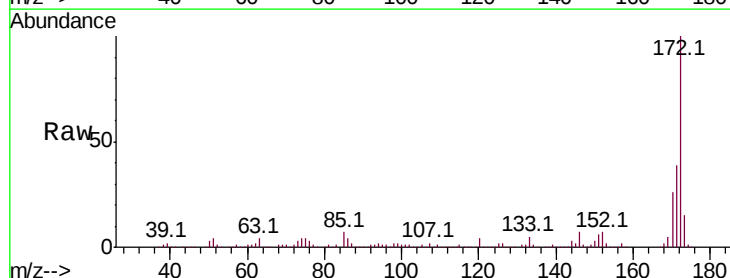
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 94.965 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG036555.D
 Acq: 5 Sep 2018 7:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.3	46.9
170	26.3	21.0	31.6

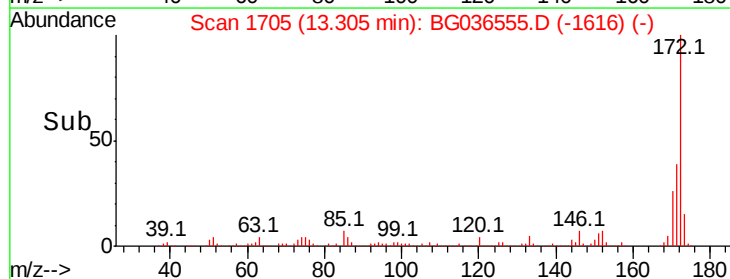
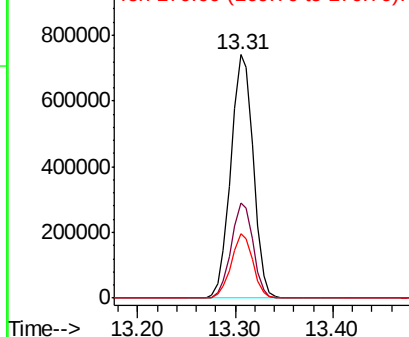


Abundance

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: 6.338 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BG036555.D

Acq: 5 Sep 2018 7:30

Instrument :

BNA_G

ClientSampleId :

083018-TIPC-F-U-S

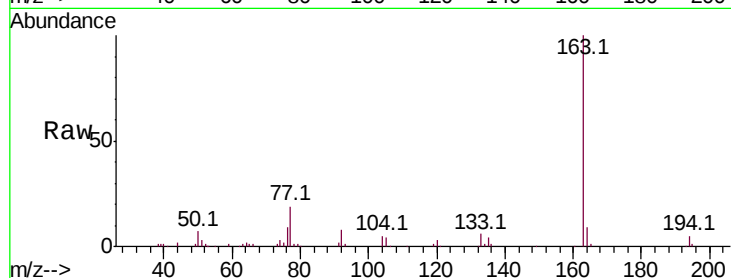
Tot Ion:163 Resp: 92012

Ion Ratio Lower Upper

163 100

194 5.0 4.0 6.0

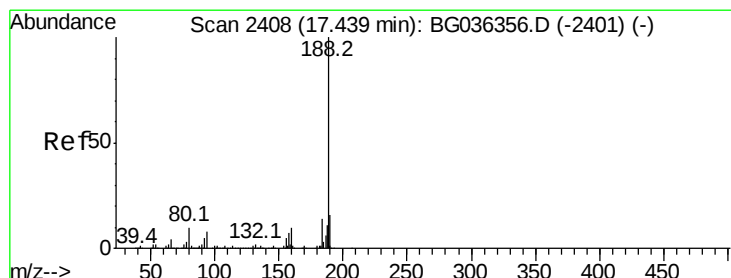
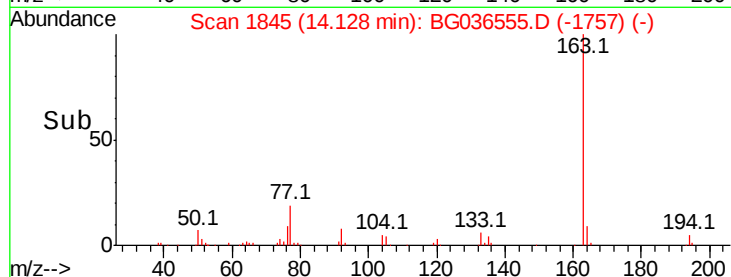
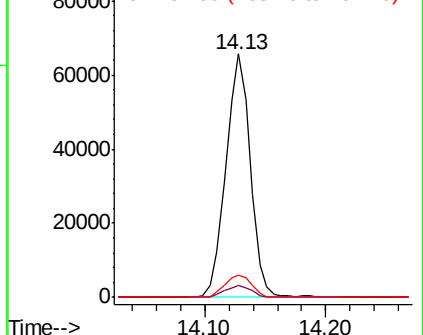
164 9.1 8.1 12.1



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. -0.01 min

Lab File: BG036555.D

Acq: 5 Sep 2018 7:30

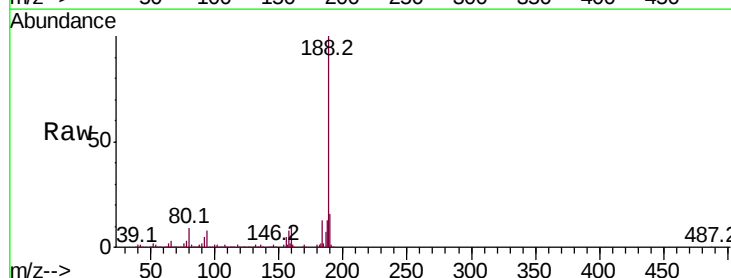
Tgt Ion:188 Resp: 451040

Ion Ratio Lower Upper

188 100

94 7.6 6.7 10.1

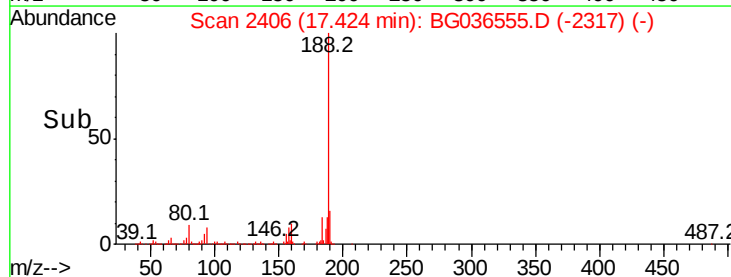
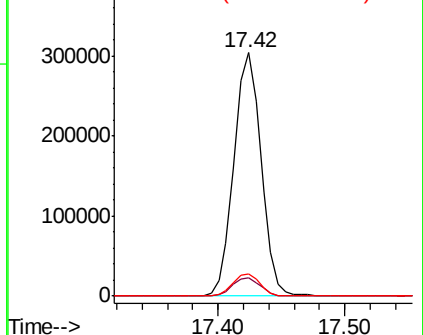
80 9.0 8.1 12.1

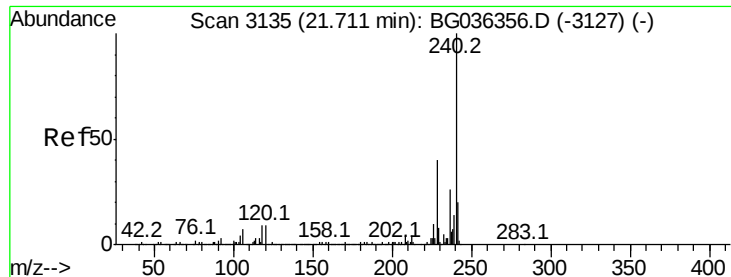


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3132

Delta R.T. -0.01 min

Lab File: BG036555.D

Acq: 5 Sep 2018 7:30

Instrument :

BNA_G

ClientSampleId :

083018-TIPC-F-U-S

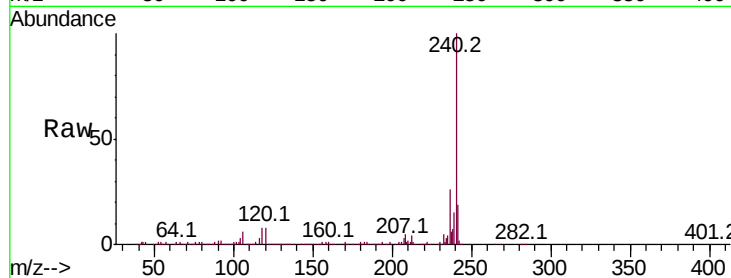
Tot Ion:240 Resp: 456083

Ion Ratio Lower Upper

240 100

120 8.0 6.9 10.3

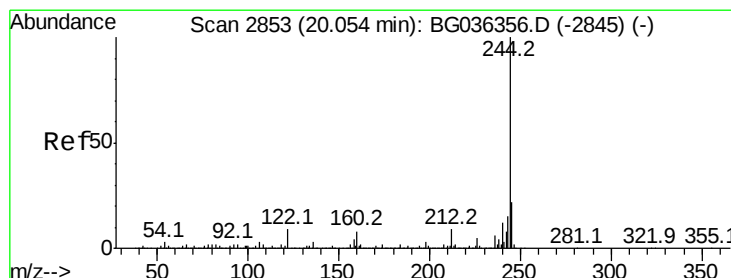
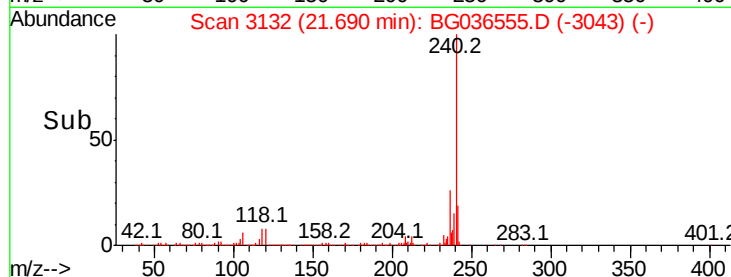
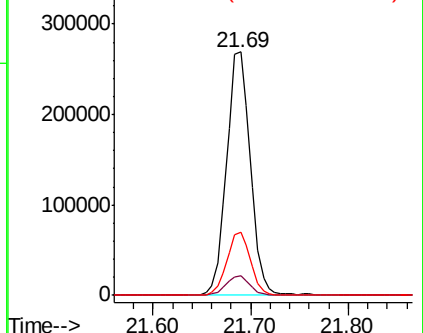
236 25.9 21.2 31.8



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: 85.158 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036555.D

Acq: 5 Sep 2018 7:30

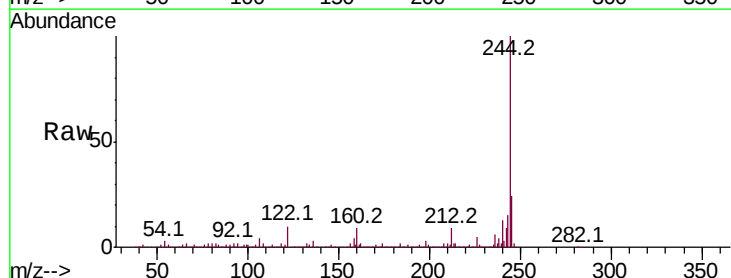
Tgt Ion:244 Resp: 1661675

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

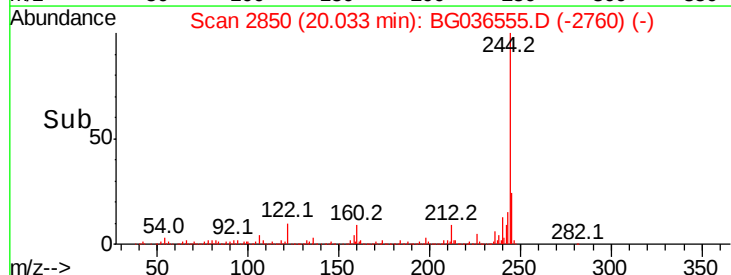
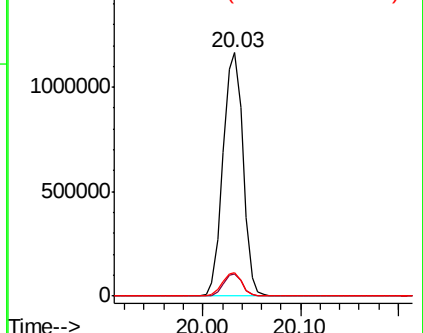
122 9.6 7.1 10.7

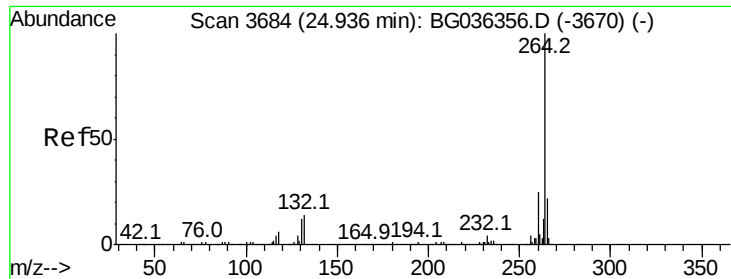


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG036555.D
 Acq: 5 Sep 2018 7:30

Instrument :
 BNA_G
 ClientSampleId :
 083018-TIPC-F-U-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	21.2	17.4	26.0

