

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091318\
 Data File : BG036696.D
 Acq On : 13 Sep 2018 23:52
 Operator : JU/SJ
 Sample : J4875-20
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 091118-TIPC-F-U-S

Quant Time: Sep 14 02:02:12 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

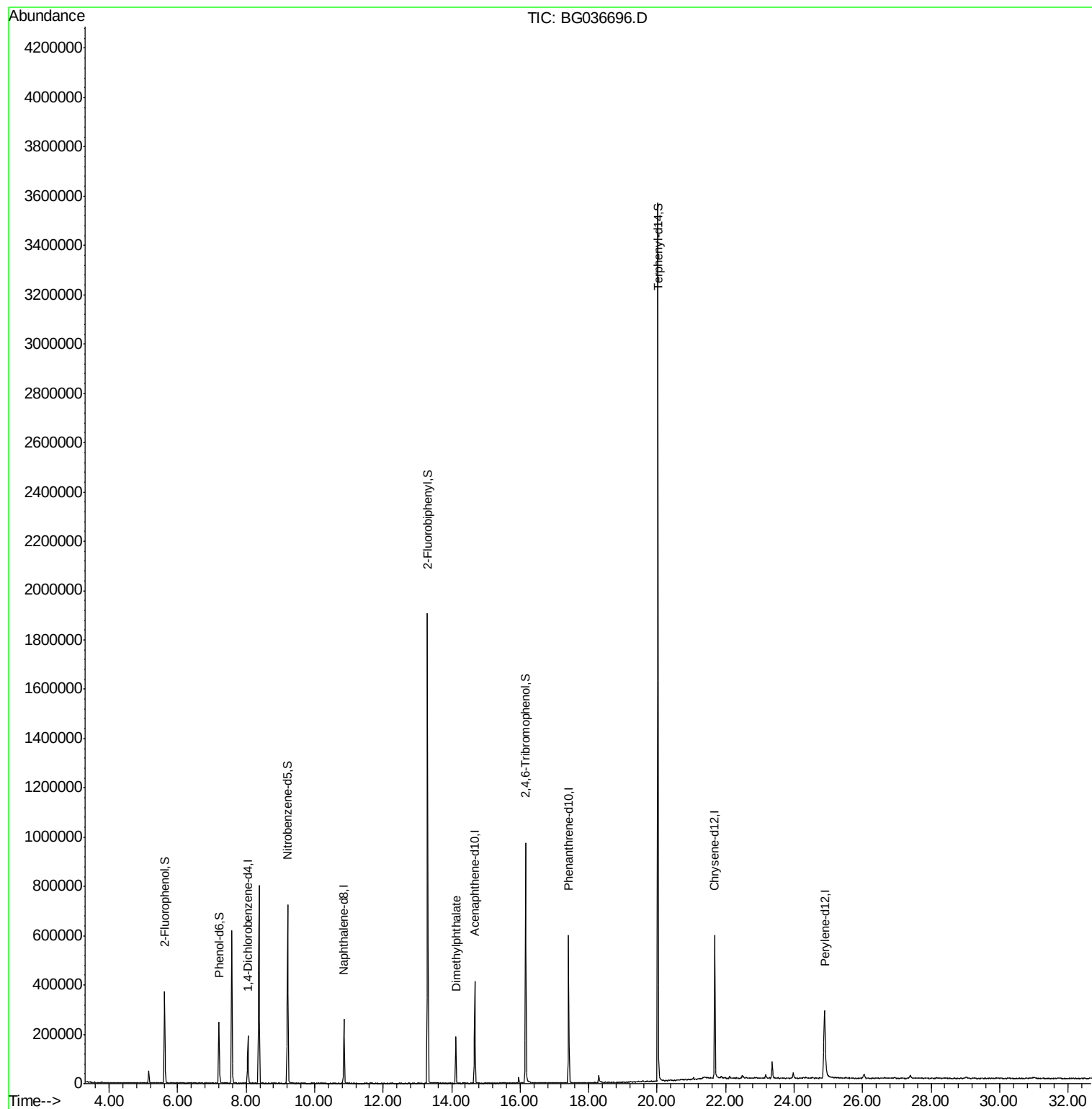
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	53329	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	222917	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	145091	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	375189	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	381196	20.00	ng	-0.01
86) Perylene-d12	24.88	264	348126	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	156072	46.42	ng	0.00
7) Phenol-d6	7.20	99	141325	29.36	ng	-0.01
23) Nitrobenzene-d5	9.21	82	441943	107.57	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	190329	109.94	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	987199	97.15	ng	-0.01
78) Terphenyl-d14	20.03	244	1680972	103.07	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.12	163	122901	10.374	ng	Qvalue 99

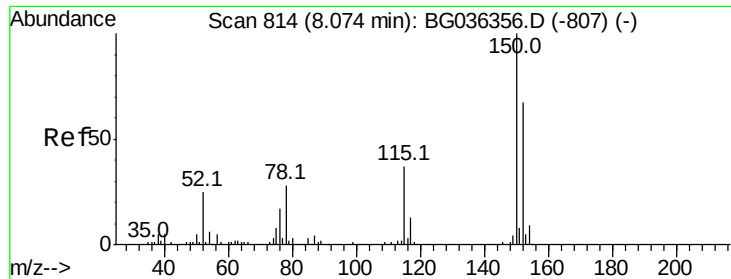
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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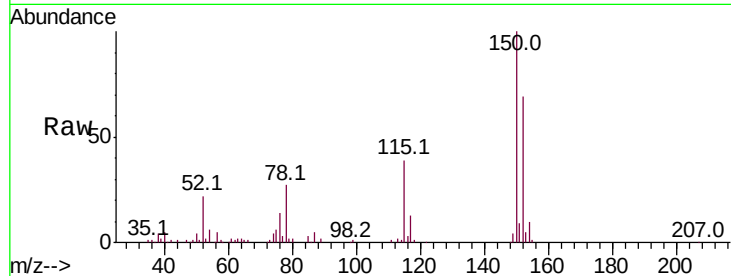


#1

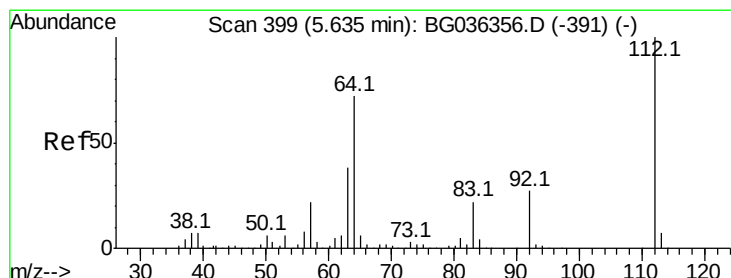
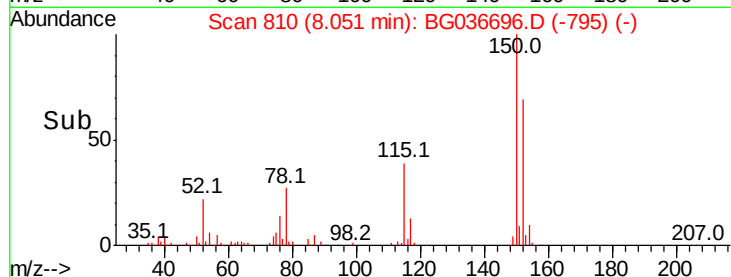
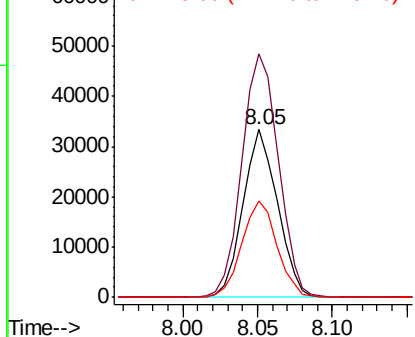
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG036696.D
Acq: 13 Sep 2018 23:52

Instrument :
BNA_G
ClientSampleId :
091118-TIPC-F-U-S

Tot Ion:152 Resp: 53329
Ion Ratio Lower Upper
152 100
150 145.4 119.5 179.3
115 57.2 44.5 66.7



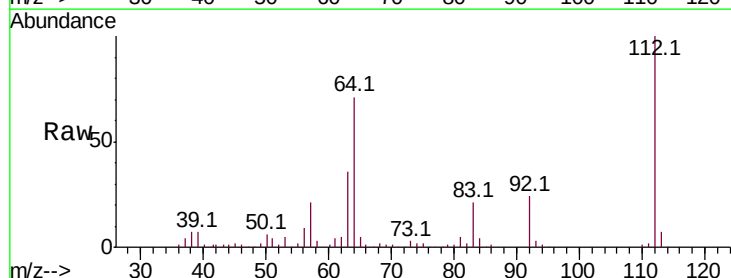
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



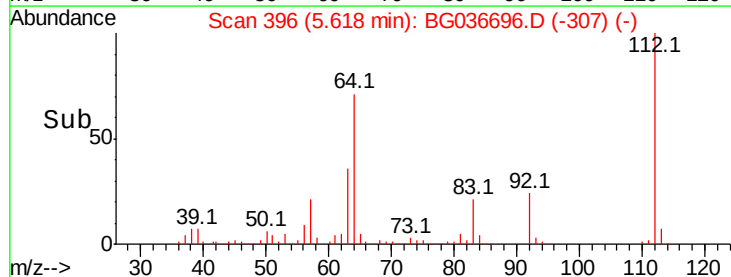
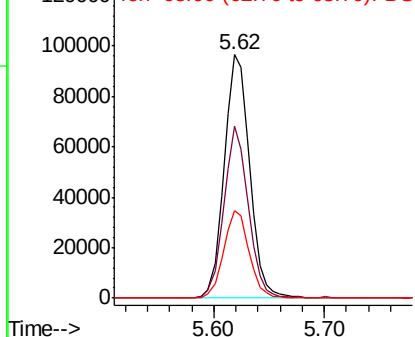
#5

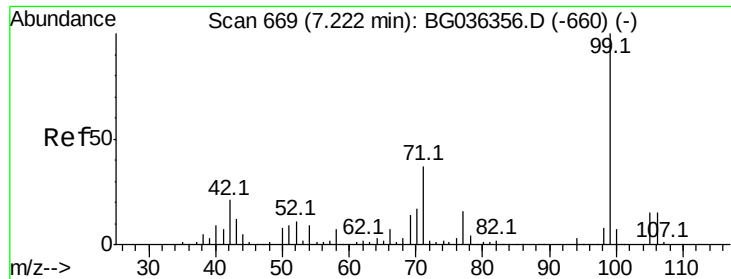
2-Fluorophenol
Concen: 46.424 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG036696.D
Acq: 13 Sep 2018 23:52

Tgt Ion:112 Resp: 156072
Ion Ratio Lower Upper
112 100
64 70.6 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: 29.361 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036696.D

Acq: 13 Sep 2018 23:52

Instrument :

BNA_G

ClientSampleId :

091118-TIPC-F-U-S

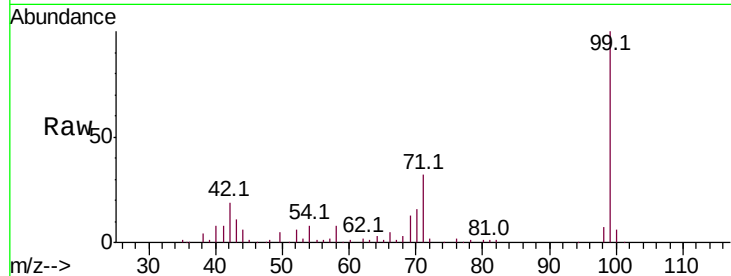
Tot Ion: 99 Resp: 141325

Ion Ratio Lower Upper

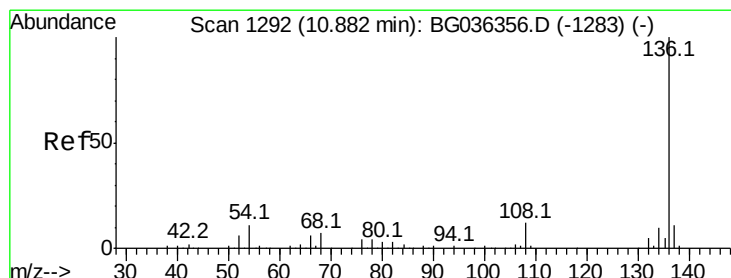
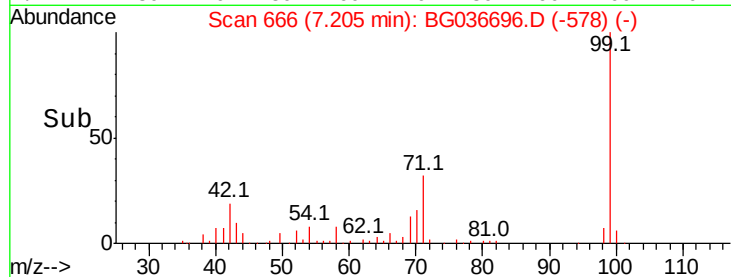
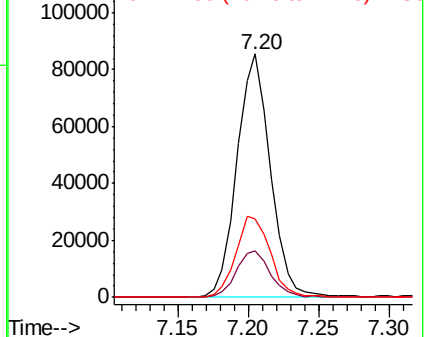
99 100

42 19.2 16.5 24.7

71 32.4 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: 10.85 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG036696.D

Acq: 13 Sep 2018 23:52

Tgt Ion: 136 Resp: 222917

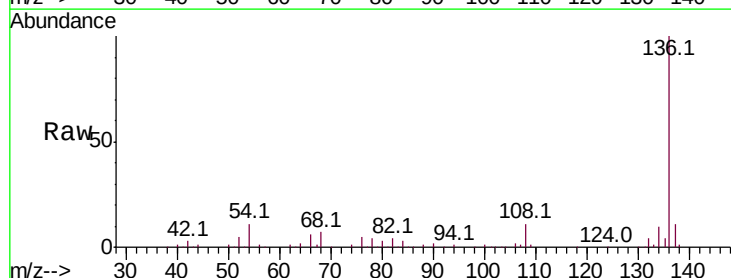
Ion Ratio Lower Upper

136 100

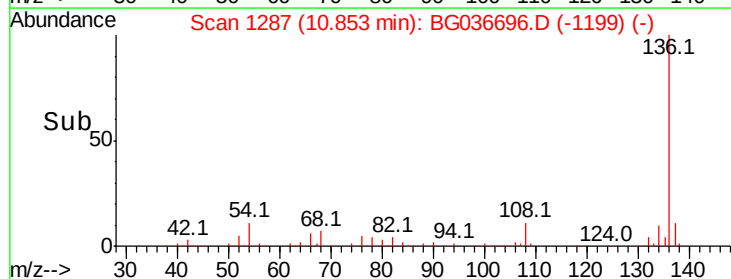
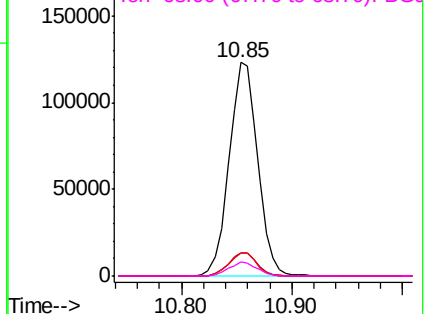
137 10.9 8.8 13.2

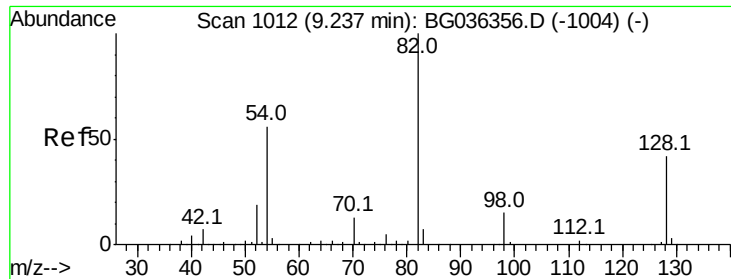
54 10.6 9.2 13.8

68 6.9 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

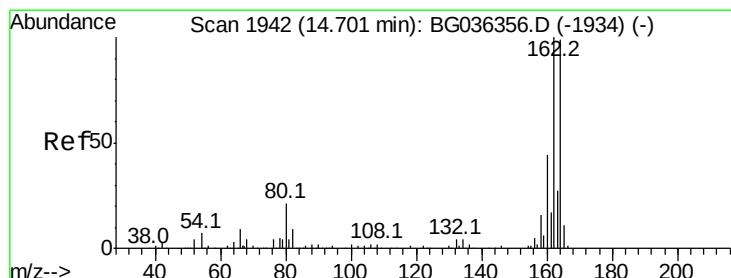
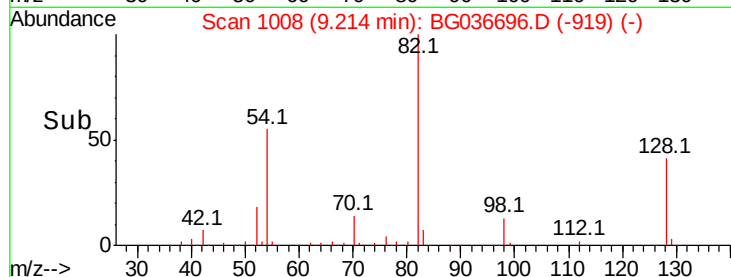
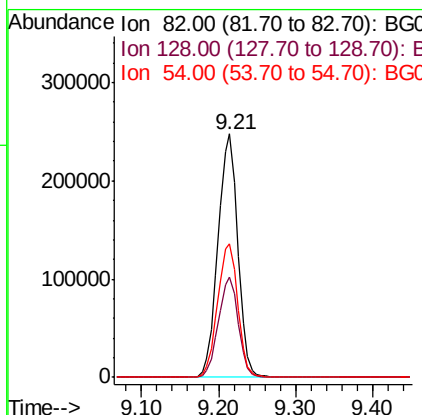
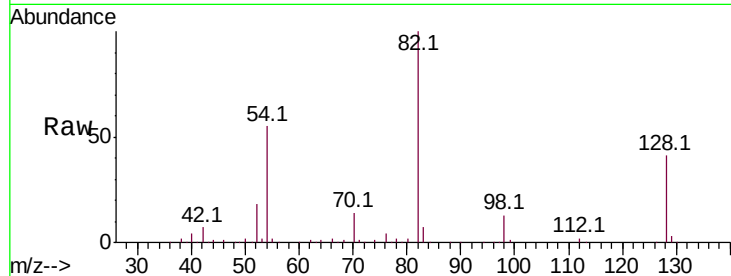




#23
Nitrobenzene-d5
Concen: 107.566 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036696.D
Acq: 13 Sep 2018 23:52

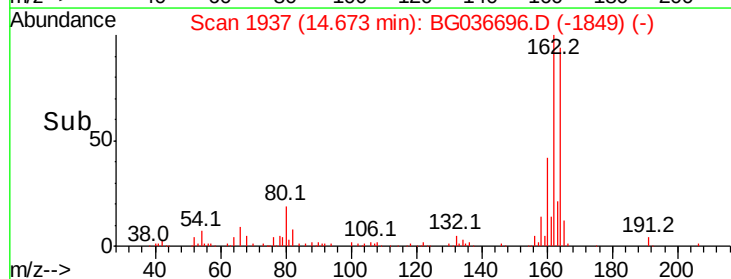
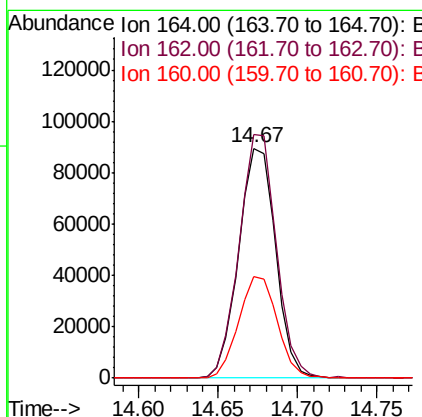
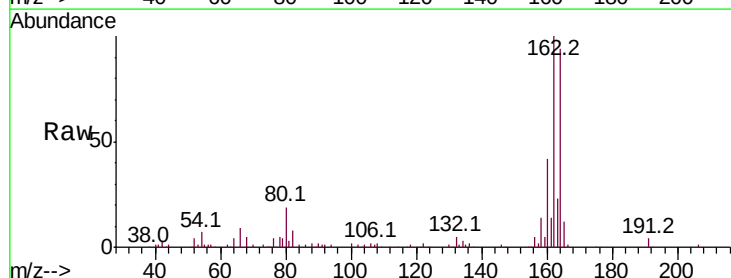
Instrument :
BNA_G
ClientSampleId :
091118-TIPC-F-U-S

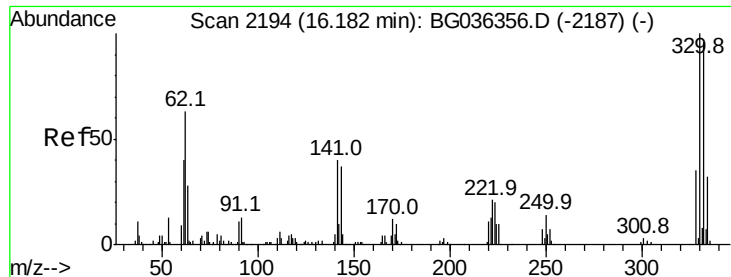
Tot Ion: 82 Resp: 441943
Ion Ratio Lower Upper
82 100
128 41.1 33.3 49.9
54 54.8 45.1 67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036696.D
Acq: 13 Sep 2018 23:52

Tgt Ion:164 Resp: 145091
Ion Ratio Lower Upper
164 100
162 105.9 80.7 121.1
160 44.4 35.3 52.9

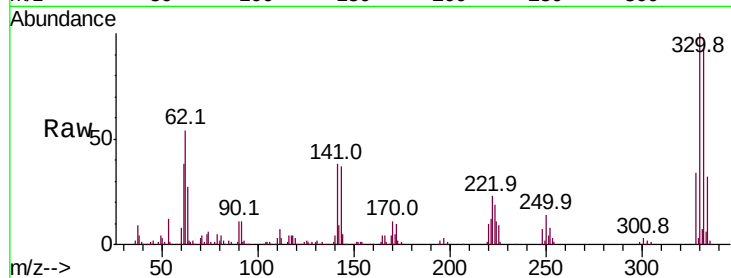




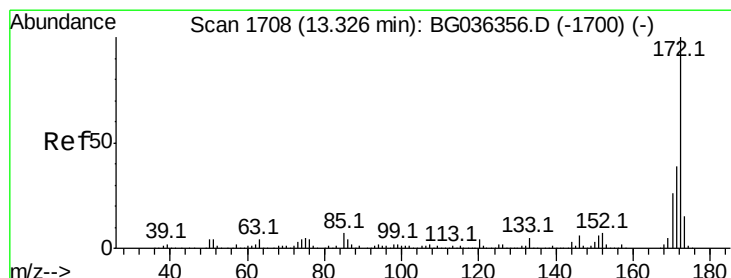
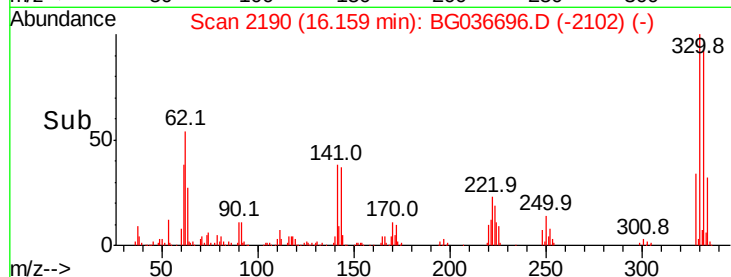
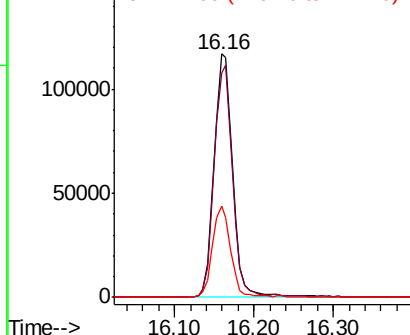
#41
 2,4,6-Tribromophenol
 Concen: 109.937 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036696.D
 Acq: 13 Sep 2018 23:52

Instrument :
 BNA_G
 ClientSampleId :
 091118-TIPC-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.4	113.2
141	36.6	30.7	46.1

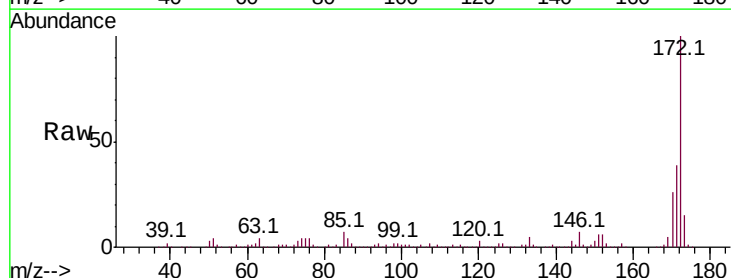


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

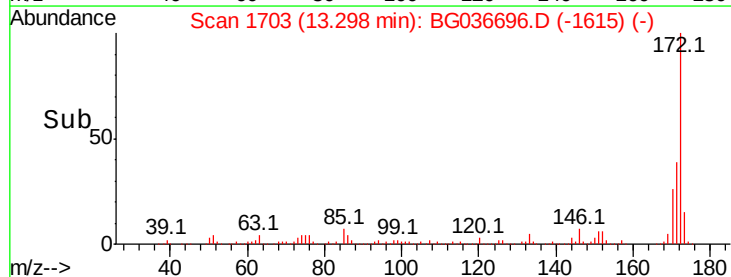
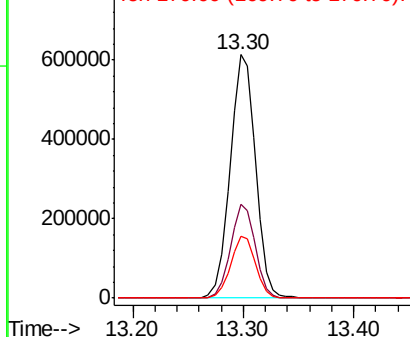


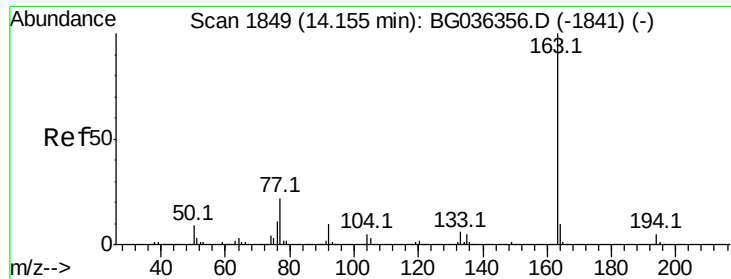
#44
 2-Fluorobiphenyl
 Concen: 97.149 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036696.D
 Acq: 13 Sep 2018 23:52

Tgt 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





#49

Dimethylphthalate

Concen: 10.374 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.02 min

Lab File: BG036696.D

Acq: 13 Sep 2018 23:52

Instrument :

BNA_G

ClientSampleId :

091118-TIPC-F-U-S

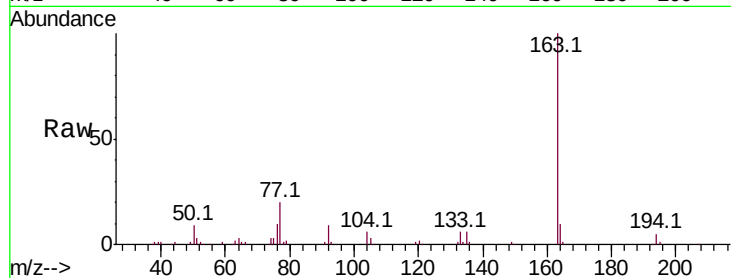
Tot Ion:163 Resp: 122901

Ion Ratio Lower Upper

163 100

194 5.1 4.0 6.0

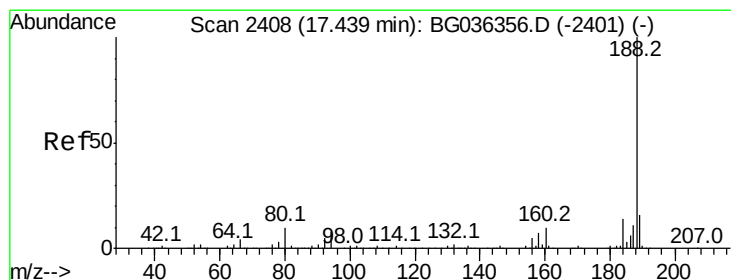
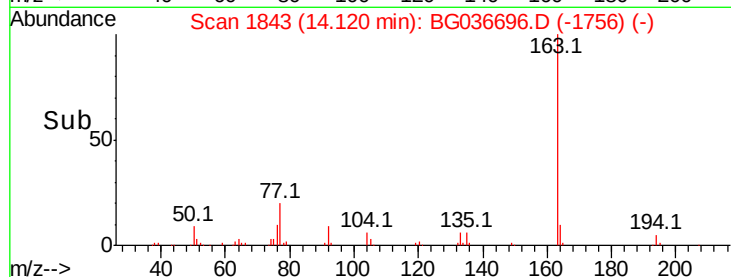
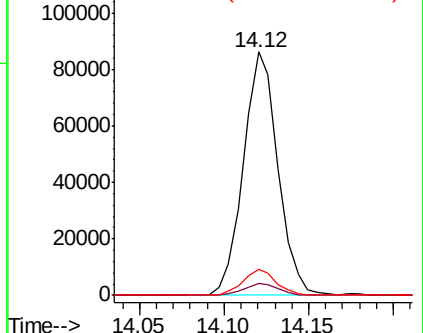
164 10.4 8.1 12.1



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# 2404

Delta R.T. -0.01 min

Lab File: BG036696.D

Acq: 13 Sep 2018 23:52

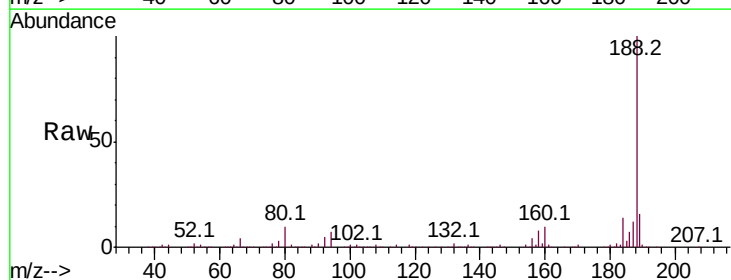
Tgt Ion:188 Resp: 375189

Ion Ratio Lower Upper

188 100

94 7.4 6.7 10.1

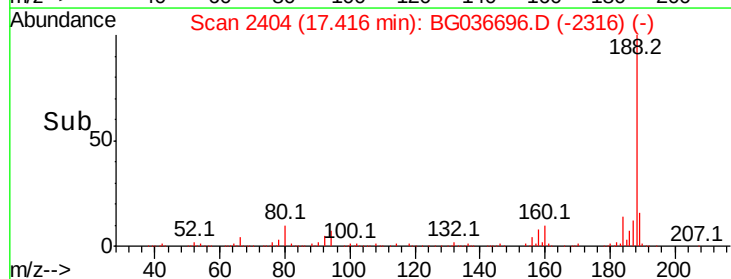
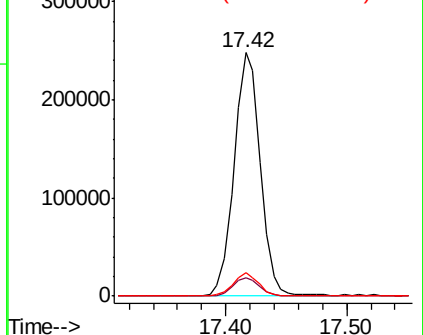
80 9.9 8.1 12.1

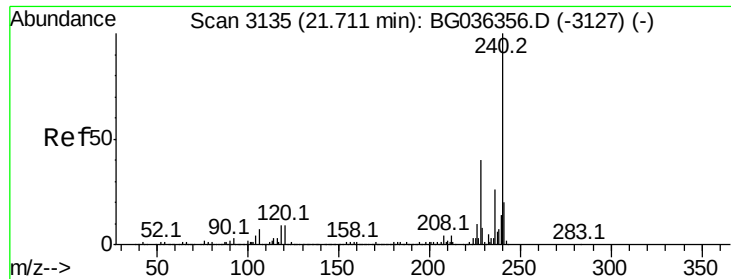


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG036696.D

Acq: 13 Sep 2018 23:52

Instrument :

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ClientSampleId :

091118-TIPC-F-U-S

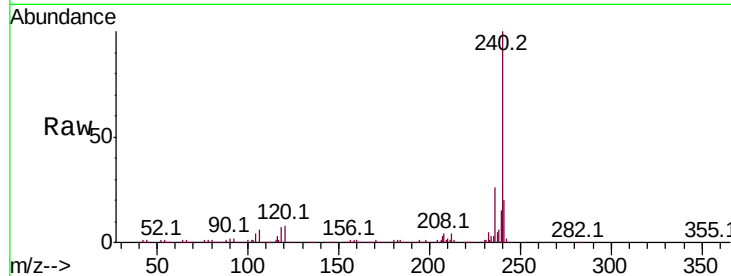
Tot Ion:240 Resp: 381196

Ion Ratio Lower Upper

240 100

120 8.1 6.9 10.3

236 25.6 21.2 31.8

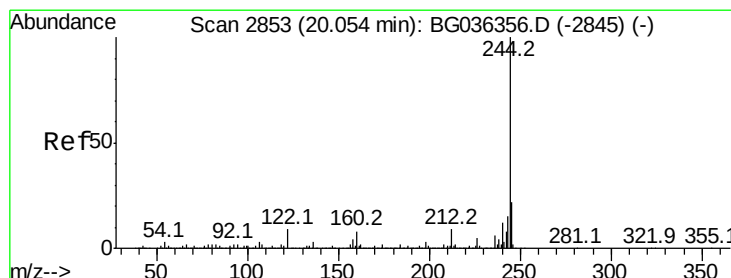
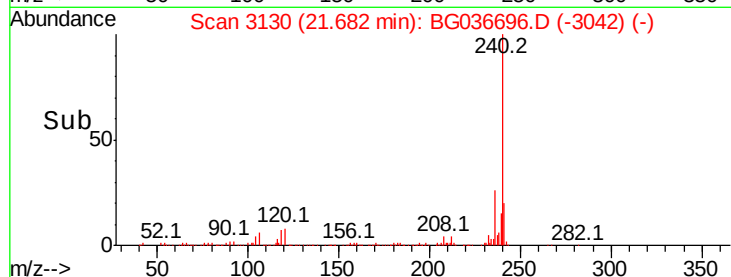
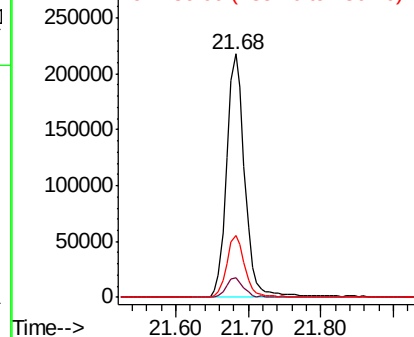


Abundance

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: 103.071 ng

RT: 20.03 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036696.D

Acq: 13 Sep 2018 23:52

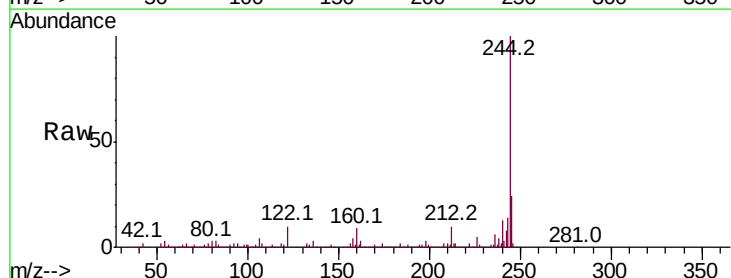
Tgt Ion:244 Resp: 1680972

Ion Ratio Lower Upper

244 100

212 9.5 7.0 10.6

122 9.8 7.1 10.7

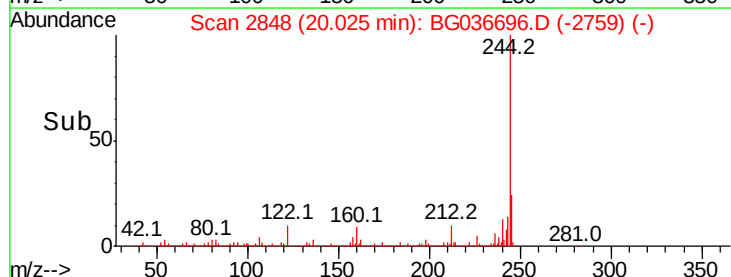
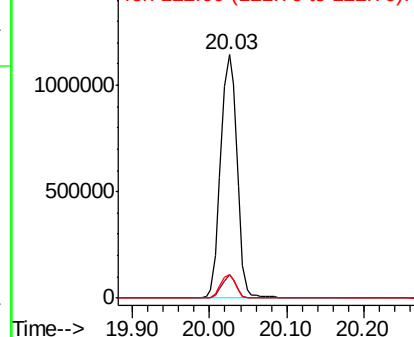


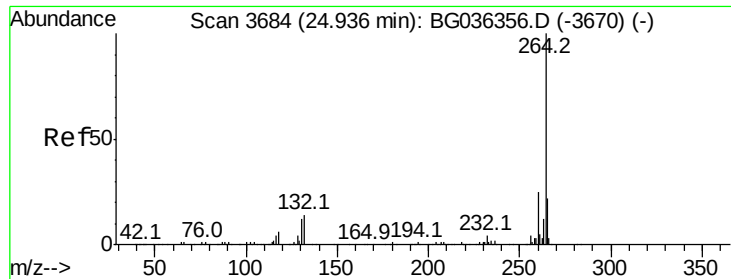
Abundance

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

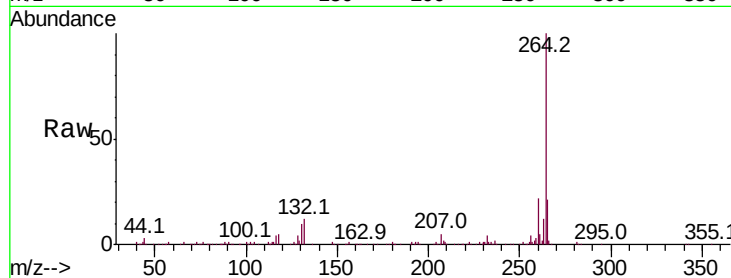




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG036696.D
Acq: 13 Sep 2018 23:52

Instrument :
BNA_G
ClientSampleId :
091118-TIPC-F-U-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	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

