

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092218\
 Data File : BG036911.D
 Acq On : 23 Sep 2018 3:18
 Operator : JU/SJ
 Sample : J5019-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 091918-TIPC-F-D-S

Quant Time: Sep 24 05:31:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 20:07:11 2018
 Response via : Initial Calibration

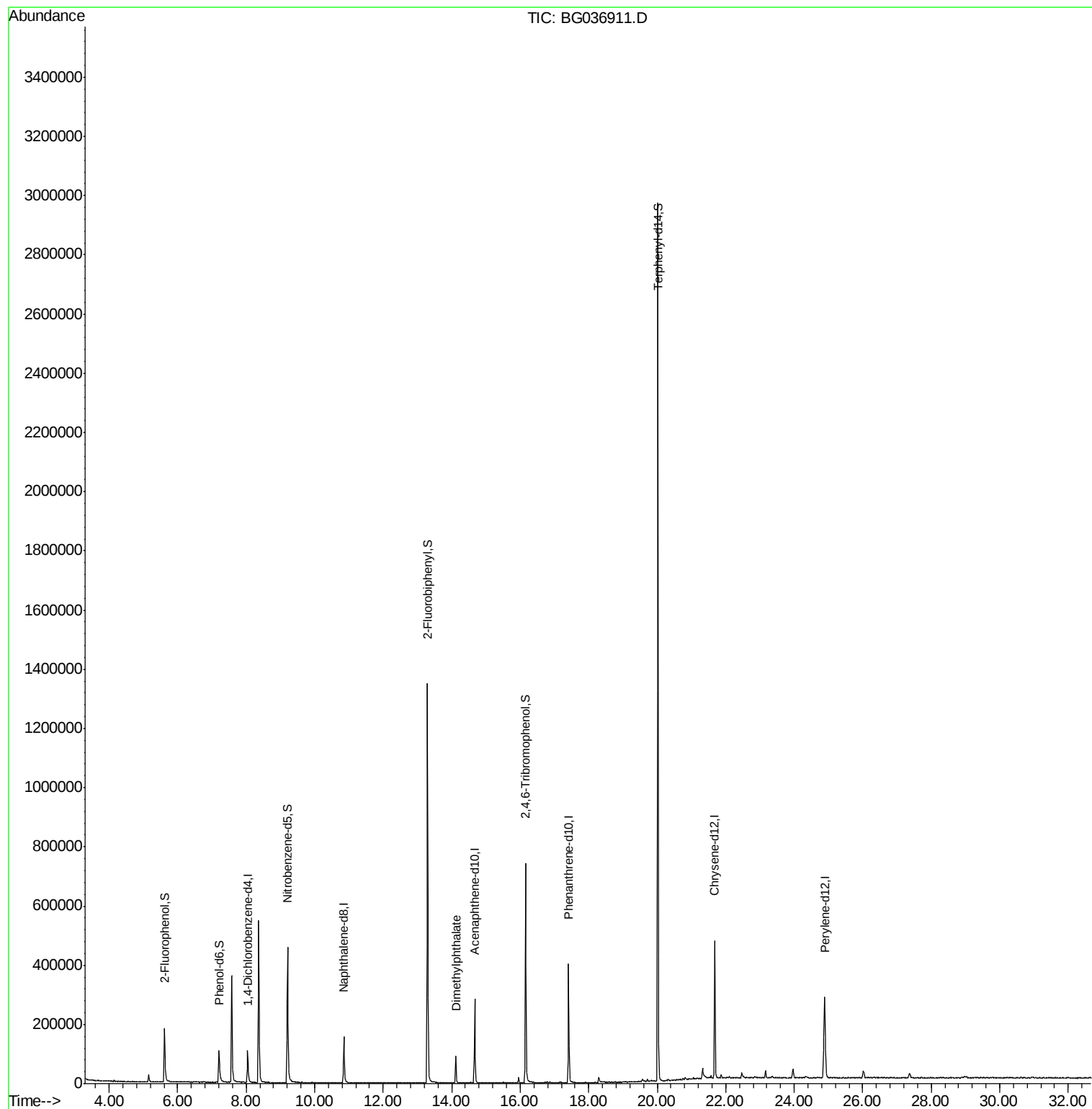
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	36618	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	154190	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	104375	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	274588	20.00	ng	0.00
75) Chrysene-d12	21.68	240	297790	20.00	ng	0.00
86) Perylene-d12	24.88	264	298011	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	94655	49.57	ng	0.00
7) Phenol-d6	7.20	99	83681	28.33	ng	0.00
23) Nitrobenzene-d5	9.21	82	324634	112.75	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	143107	114.60	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	764785	109.13	ng	0.00
78) Terphenyl-d14	20.02	244	1423266	125.67	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.12	163	71224	8.478	ng	Qvalue 98

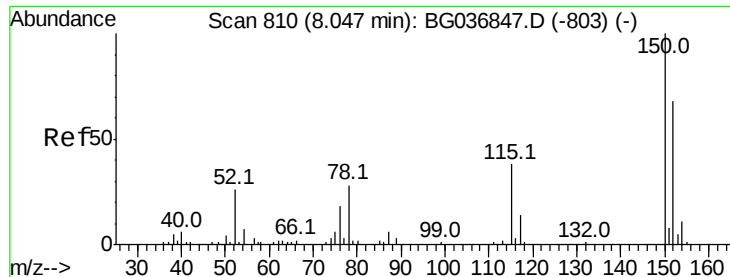
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.00 min

Lab File: BG036911.D

Acq: 23 Sep 2018 3:18

Instrument :

BNA_G

ClientSampleId :

091918-TIPC-F-D-S

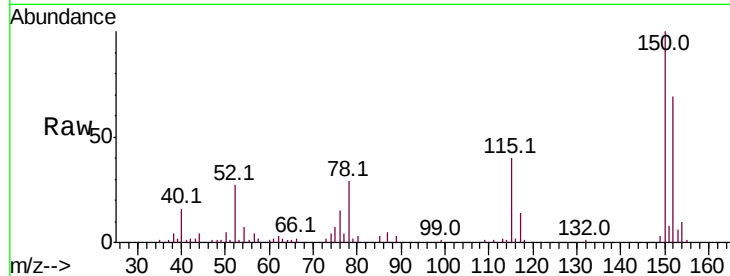
Tot Ion:152 Resp: 36618

Ion Ratio Lower Upper

152 100

150 145.6 119.5 179.3

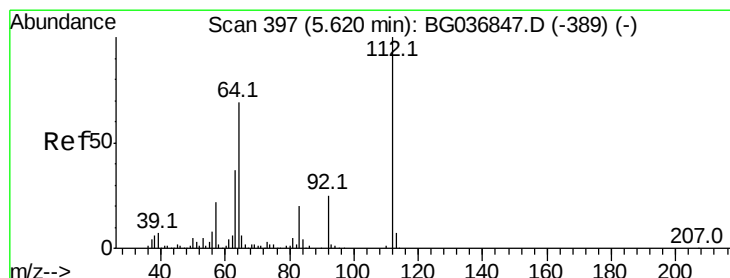
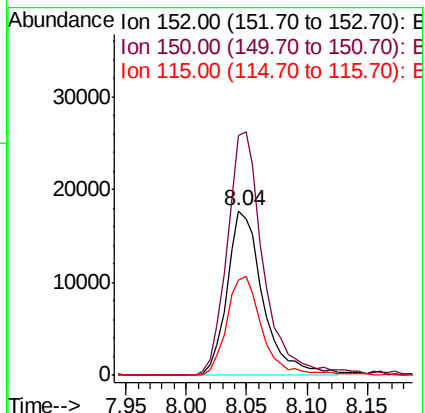
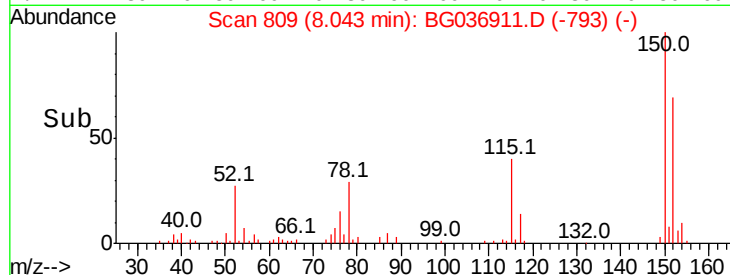
115 58.1 44.5 66.7



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: 49.573 ng

RT: 5.62 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG036911.D

Acq: 23 Sep 2018 3:18

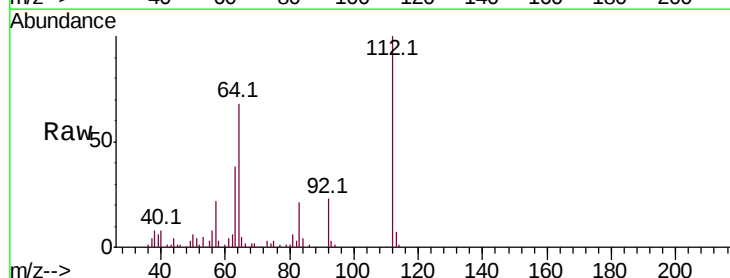
Tgt Ion:112 Resp: 94655

Ion Ratio Lower Upper

112 100

64 68.3 57.2 85.8

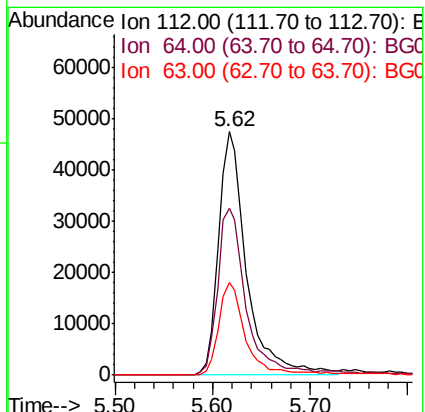
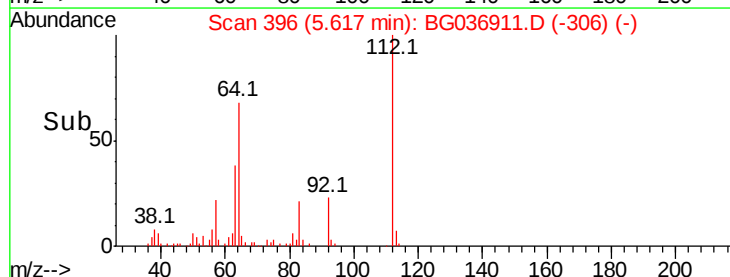
63 38.2 30.8 46.2



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: 28.327 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036911.D

Acq: 23 Sep 2018 3:18

Instrument :

BNA_G

ClientSampleId :

091918-TIPC-F-D-S

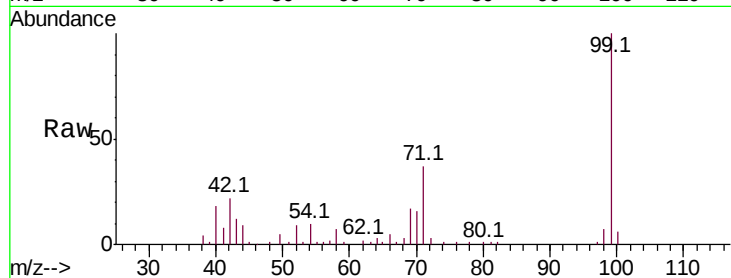
Tot Ion: 99 Resp: 83681

Ion Ratio Lower Upper

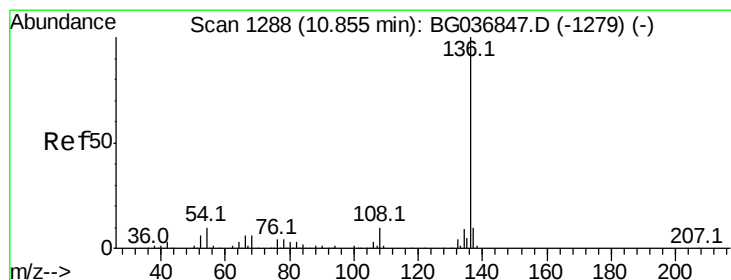
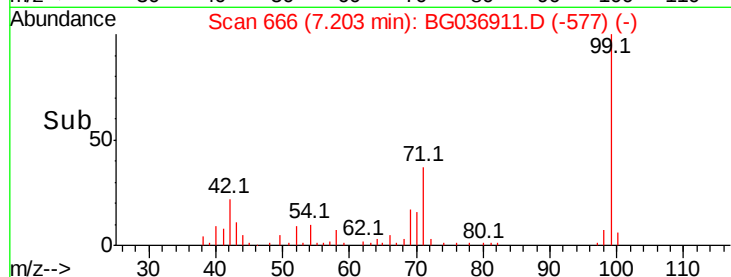
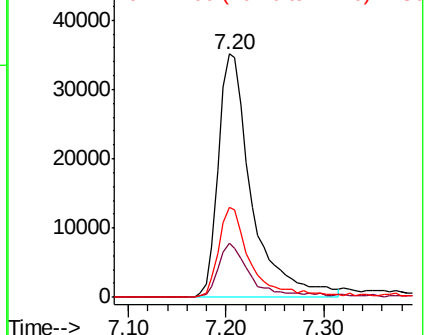
99 100

42 22.1 16.5 24.7

71 36.9 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. -0.00 min

Lab File: BG036911.D

Acq: 23 Sep 2018 3:18

Tgt Ion: 136 Resp: 154190

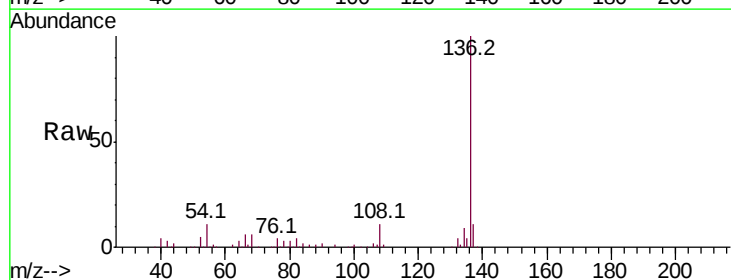
Ion Ratio Lower Upper

136 100

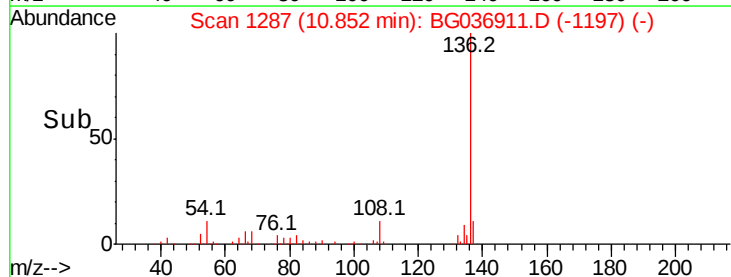
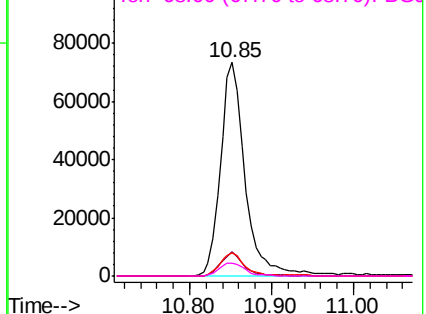
137 11.2 8.8 13.2

54 11.0 9.2 13.8

68 6.1 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

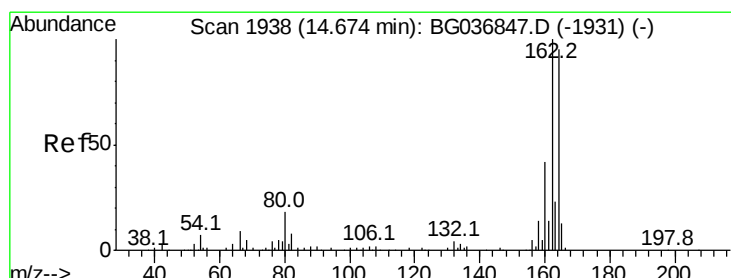
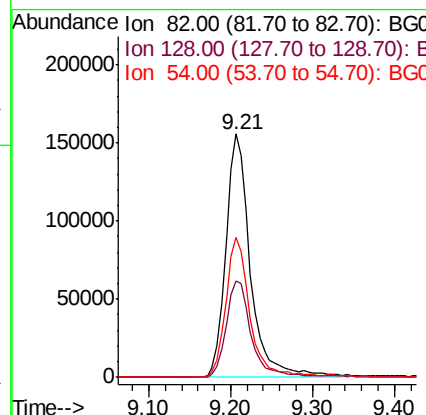
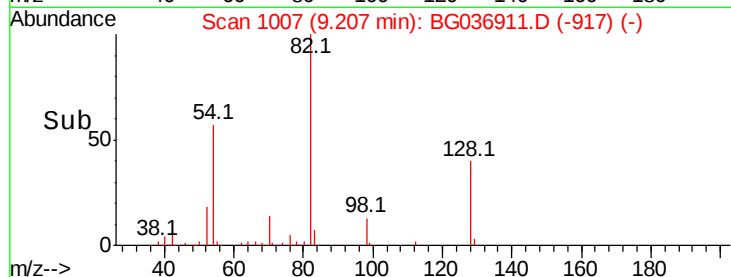
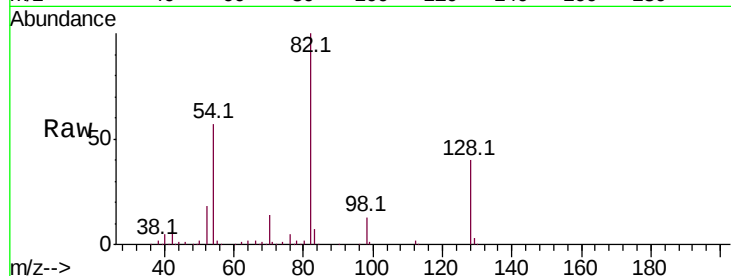




#23
 Nitrobenzene-d5
 Concen: 112.747 ng
 RT: 9.21 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BG036911.D
 Acq: 23 Sep 2018 3:18

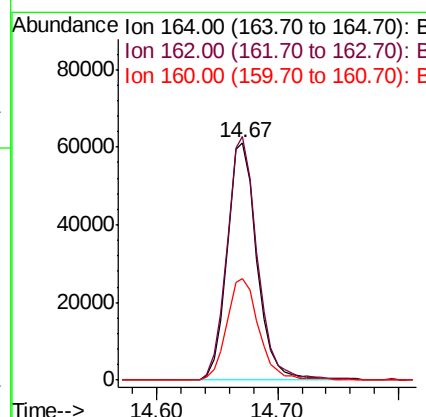
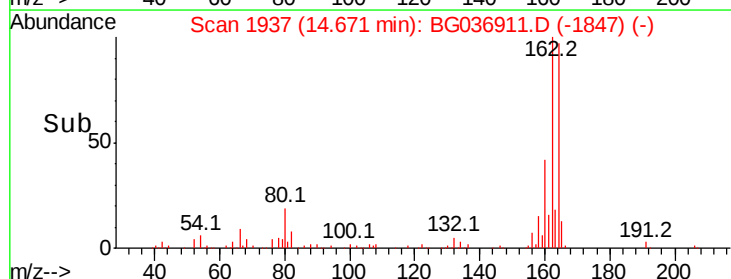
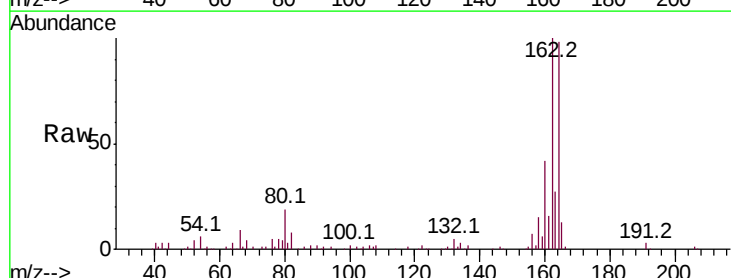
Instrument :
 BNA_G
 ClientSampleId :
 091918-TIPC-F-D-S

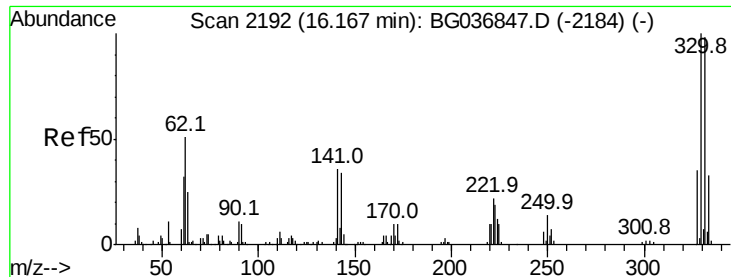
Tot Ion: 82 Resp: 324634
 Ion Ratio Lower Upper
 82 100
 128 39.5 33.3 49.9
 54 57.4 45.1 67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: BG036911.D
 Acq: 23 Sep 2018 3:18

Tgt Ion:164 Resp: 104375
 Ion Ratio Lower Upper
 164 100
 162 102.4 80.7 121.1
 160 42.9 35.3 52.9

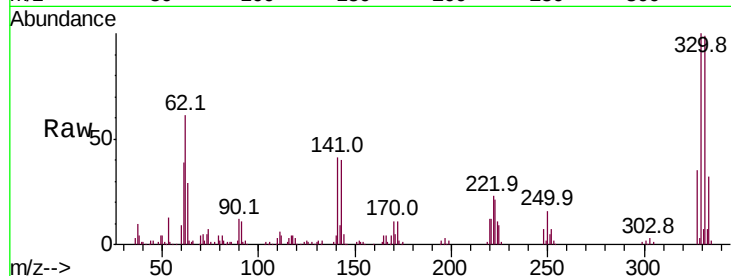




#41
 2,4,6-Tribromophenol
 Concen: 114.597 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036911.D
 Acq: 23 Sep 2018 3:18

Instrument :
 BNA_G
 ClientSampleId :
 091918-TIPC-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.4	113.2
141	38.9	30.7	46.1

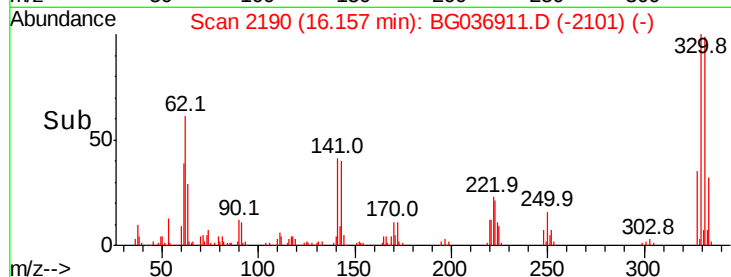
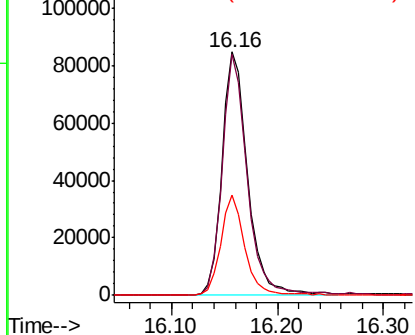


Abundance

Ion 329.80 (329.50 to 330.50): E

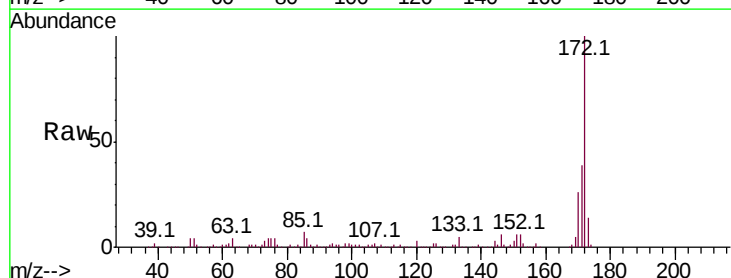
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 109.132 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG036911.D
 Acq: 23 Sep 2018 3:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.3	46.9
170	25.5	21.0	31.6

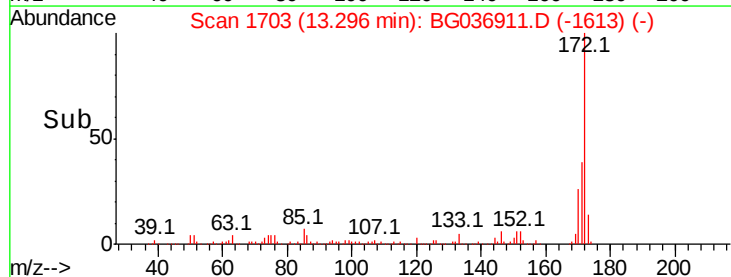
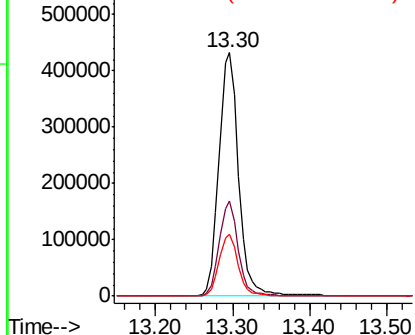


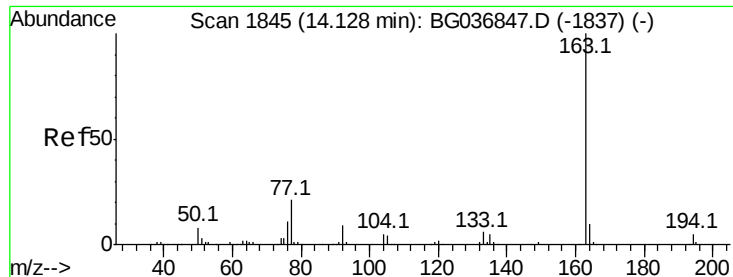
Abundance

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: 8.478 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BG036911.D

Acq: 23 Sep 2018 3:18

Instrument :

BNA_G

ClientSampleId :

091918-TIPC-F-D-S

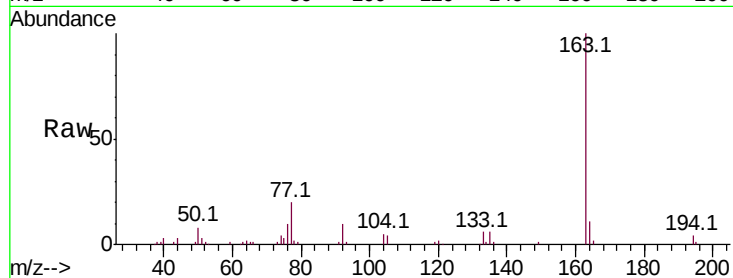
Tot Ion:163 Resp: 71224

Ion Ratio Lower Upper

163 100

194 4.0 4.0 6.0

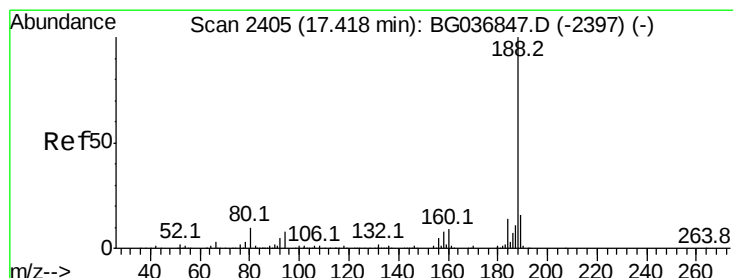
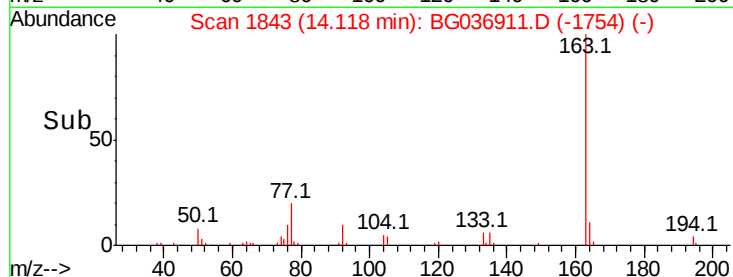
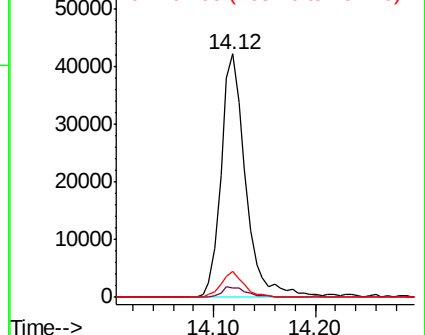
164 10.6 8.1 12.1



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: 17.41 min Scan# 2404

Delta R.T. -0.00 min

Lab File: BG036911.D

Acq: 23 Sep 2018 3:18

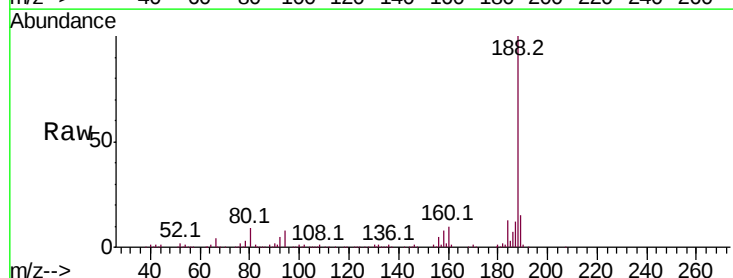
Tgt Ion:188 Resp: 274588

Ion Ratio Lower Upper

188 100

94 8.2 6.7 10.1

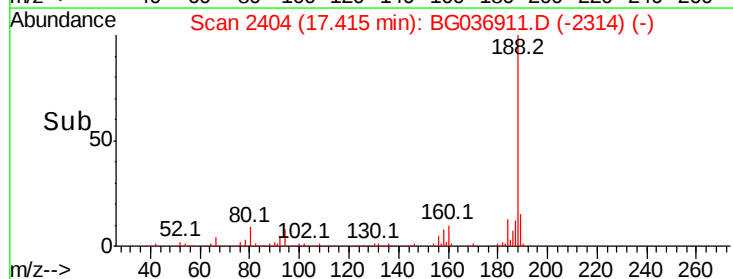
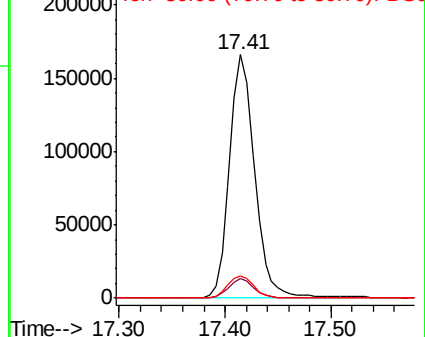
80 9.1 8.1 12.1

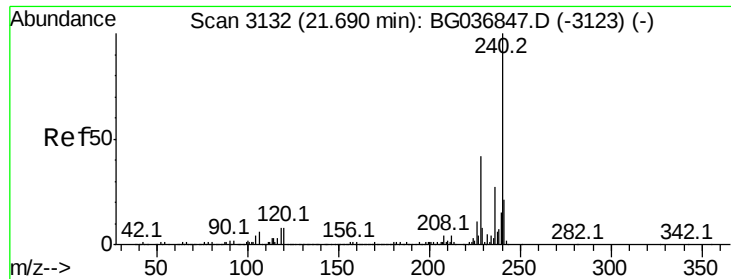


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): 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: BG036911.D

Acq: 23 Sep 2018 3:18

Instrument :

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091918-TIPC-F-D-S

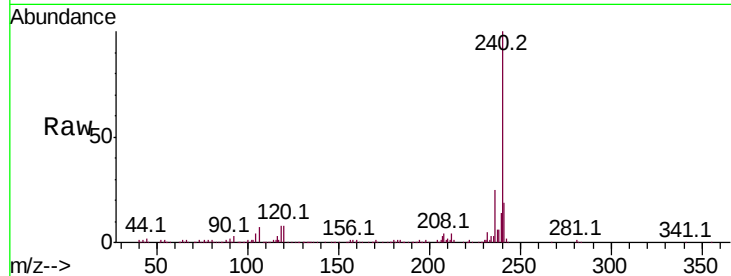
Tot Ion:240 Resp: 297790

Ion Ratio Lower Upper

240 100

120 8.3 6.9 10.3

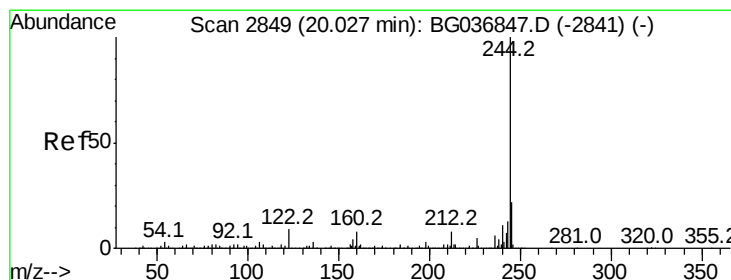
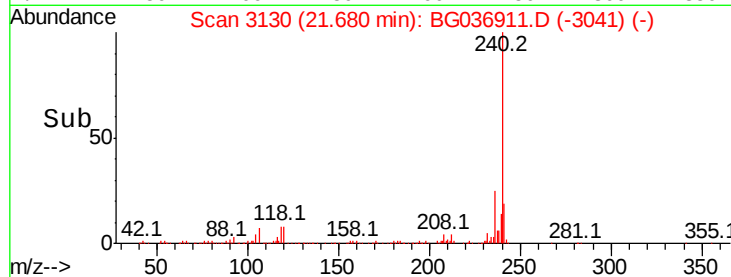
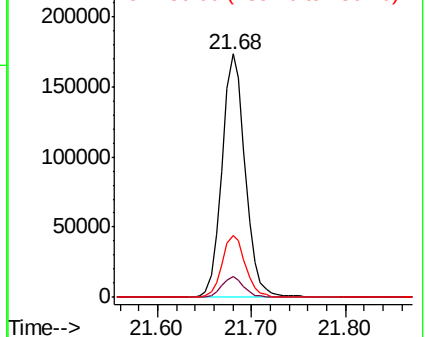
236 25.2 21.2 31.8



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: 125.675 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BG036911.D

Acq: 23 Sep 2018 3:18

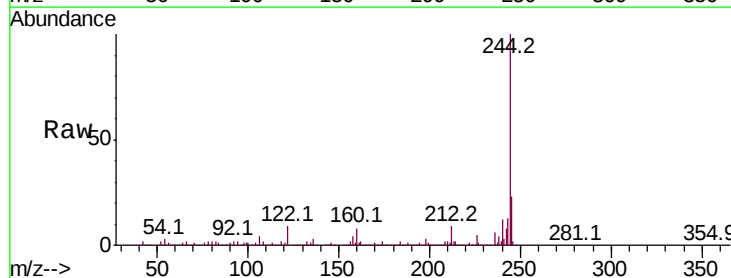
Tgt Ion:244 Resp: 1423266

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

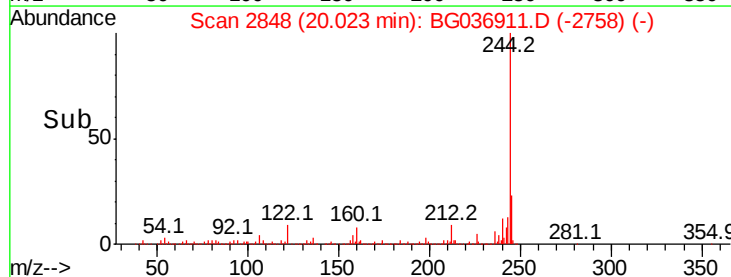
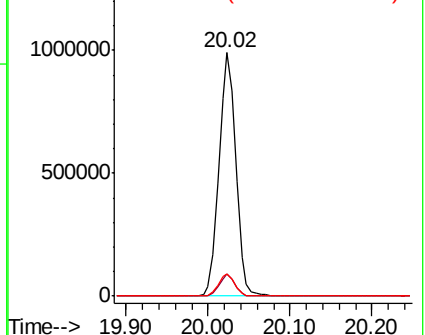
122 9.2 7.1 10.7

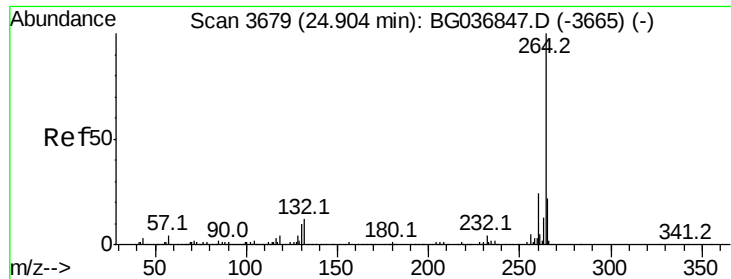


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG036911.D
Acq: 23 Sep 2018 3:18

Instrument :
BNA_G
ClientSampleId :
091918-TIPC-F-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	20.6	17.4	26.0

