

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092218\
 Data File : BG036913.D
 Acq On : 23 Sep 2018 4:36
 Operator : JU/SJ
 Sample : J5019-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Sep 24 05:35:22 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

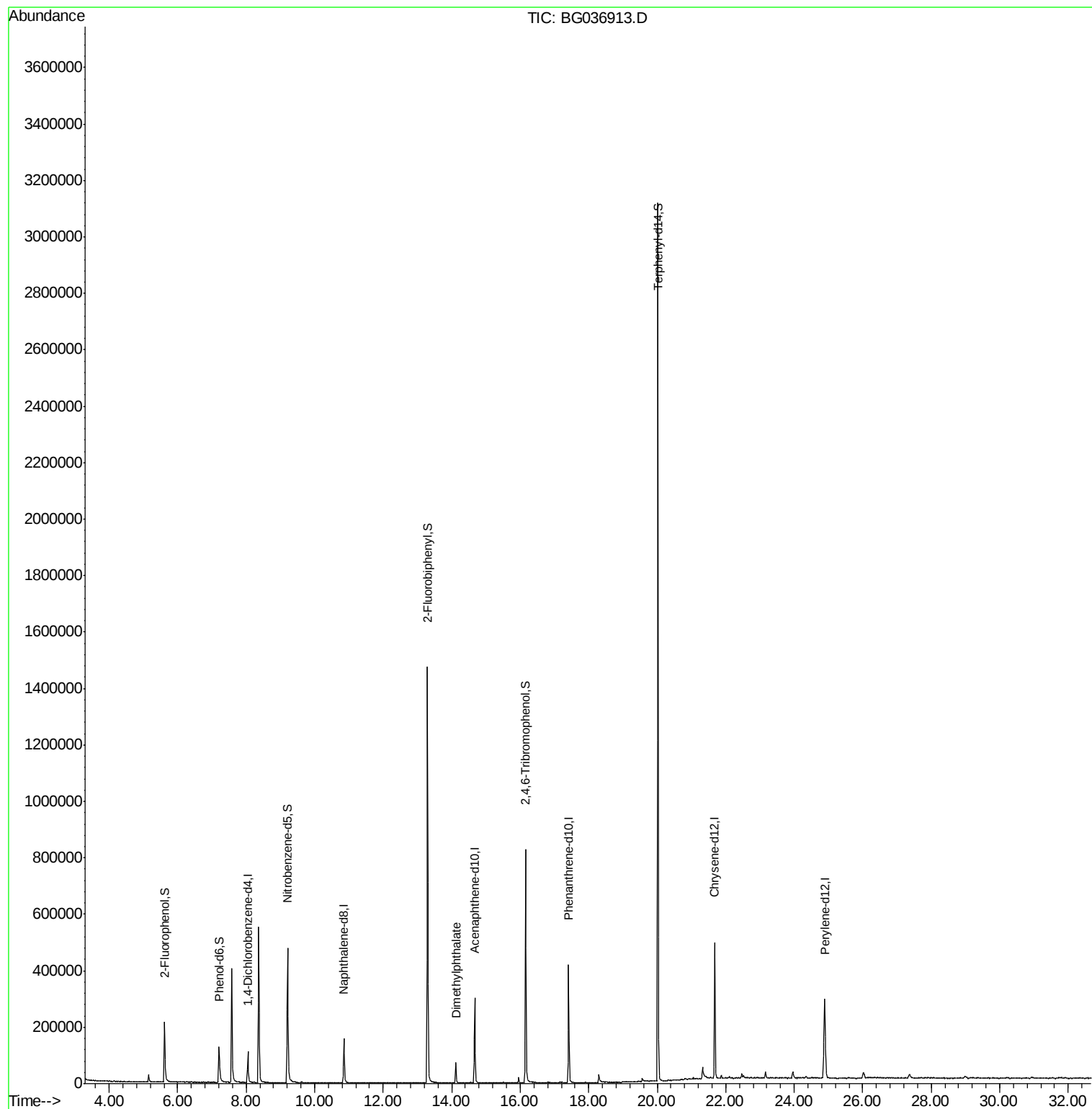
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	37089	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	155572	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	109857	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	289566	20.00	ng	0.00
75) Chrysene-d12	21.68	240	305898	20.00	ng	0.00
86) Perylene-d12	24.89	264	305595	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	104139	53.85	ng	0.00
7) Phenol-d6	7.21	99	94226	31.49	ng	0.00
23) Nitrobenzene-d5	9.21	82	342537	117.91	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	158695	120.74	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	811483	110.02	ng	0.00
78) Terphenyl-d14	20.02	244	1483558	127.53	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.12	163	55539	6.281	ng	Qvalue 99

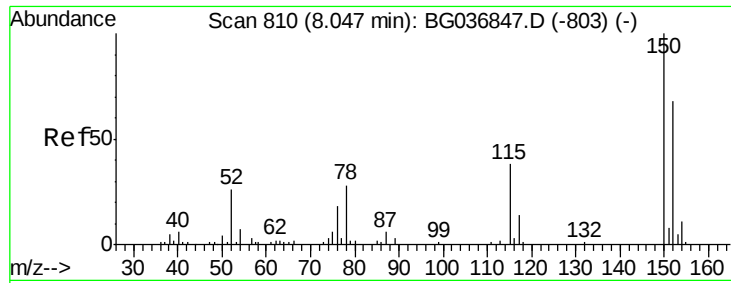
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 810

Delta R.T. 0.00 min

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ClientSampleId :

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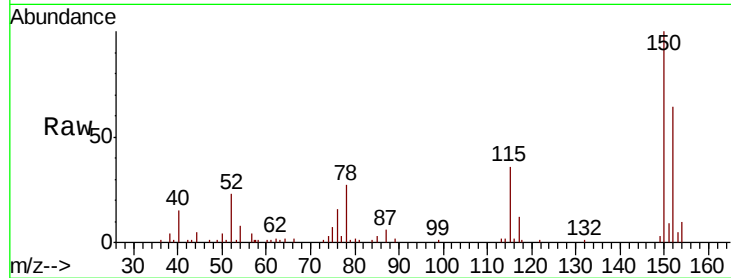
Tot Ion:152 Resp: 37089

Ion Ratio Lower Upper

152 100

150 156.2 119.5 179.3

115 55.5 44.5 66.7

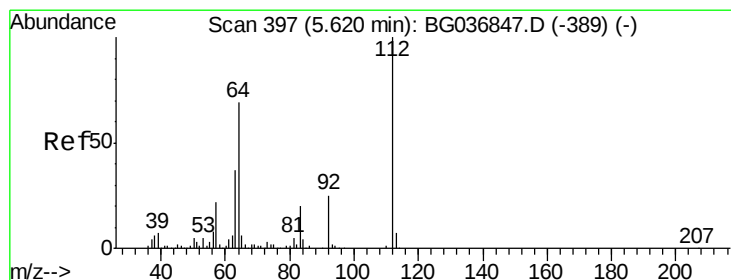
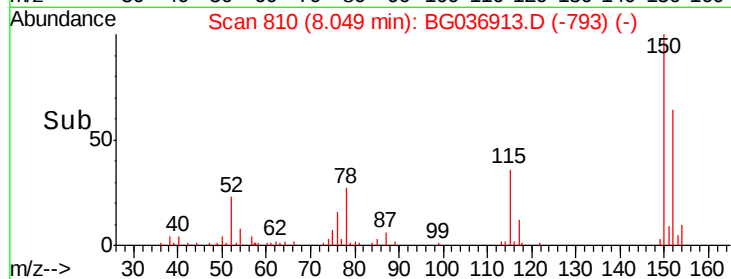
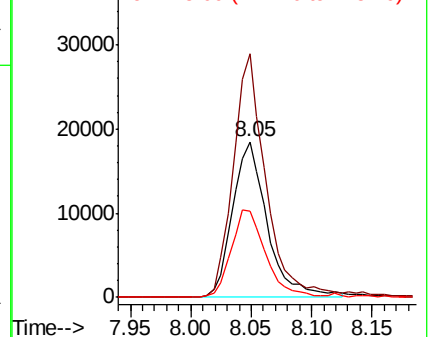


Abundance

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: 53.848 ng

RT: 5.62 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG036913.D

Acq: 23 Sep 2018 4:36

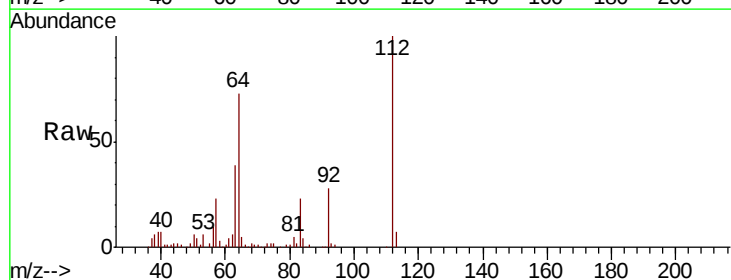
Tgt Ion:112 Resp: 104139

Ion Ratio Lower Upper

112 100

64 73.3 57.2 85.8

63 38.6 30.8 46.2

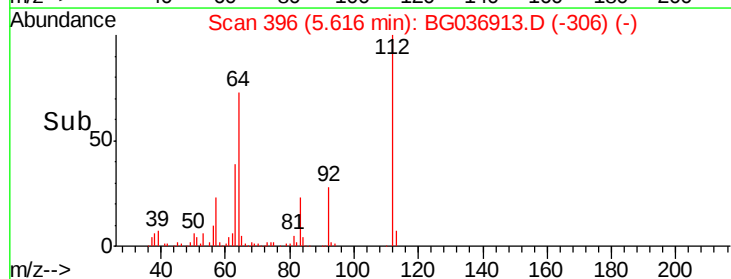
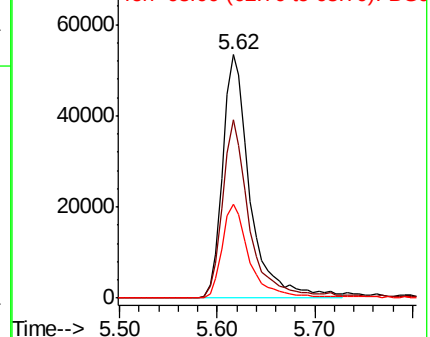


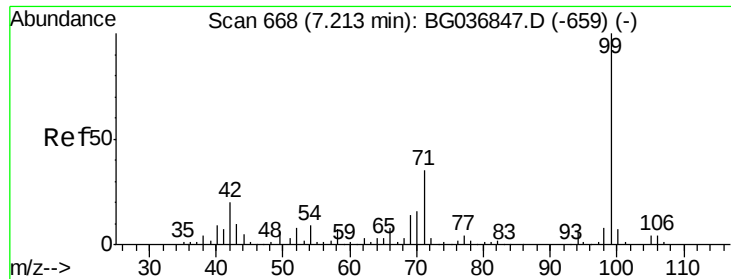
Abundance

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: 31.491 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG036913.D

Acq: 23 Sep 2018 4:36

Instrument :

BNA_G

ClientSampleId :

091918-TIPC-F-U-S

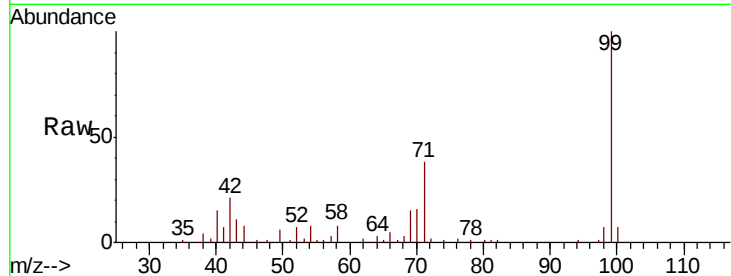
Tot Ion: 99 Resp: 94226

Ion Ratio Lower Upper

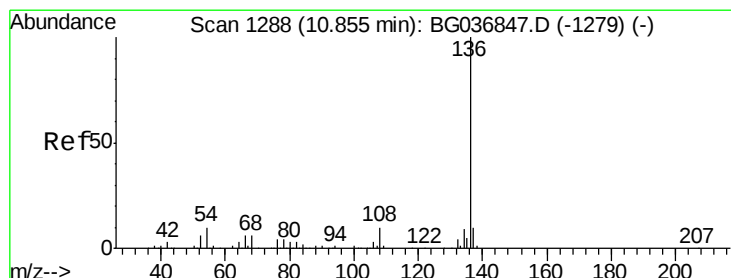
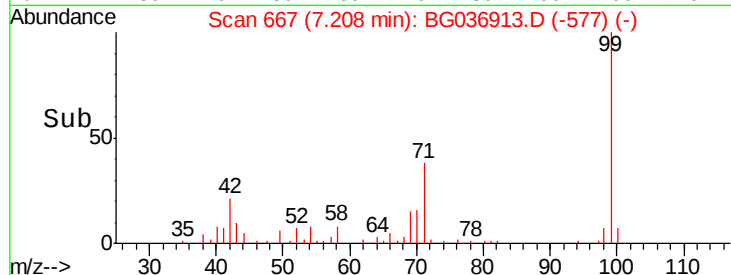
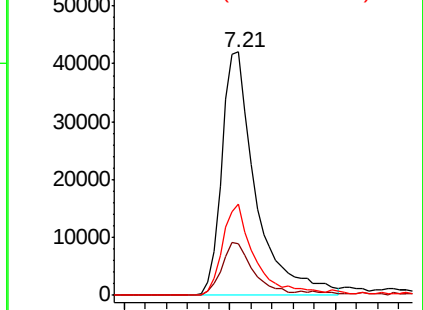
99 100

42 21.4 16.5 24.7

71 37.6 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: BG036913.D

Acq: 23 Sep 2018 4:36

Tgt Ion: 136 Resp: 155572

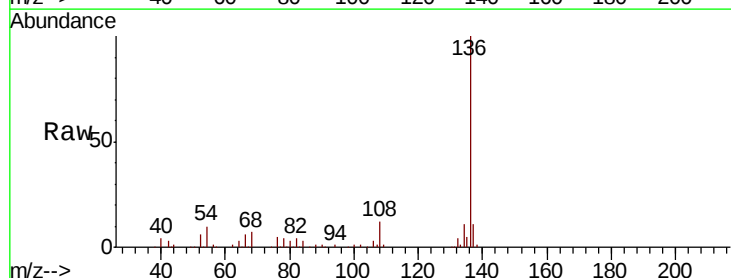
Ion Ratio Lower Upper

136 100

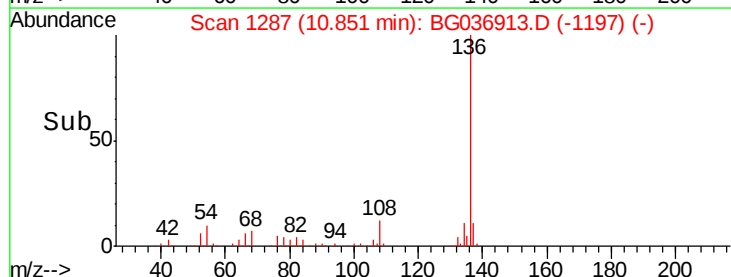
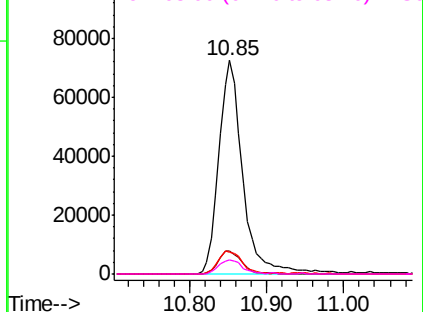
137 10.9 8.8 13.2

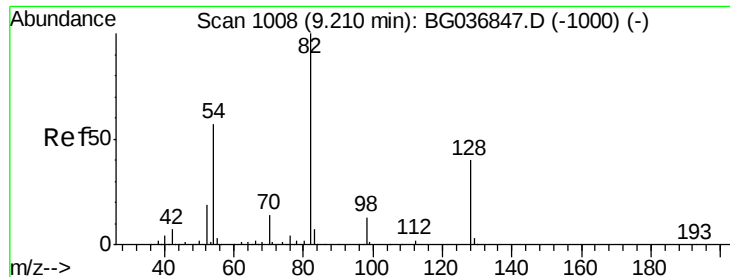
54 10.1 9.2 13.8

68 6.7 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

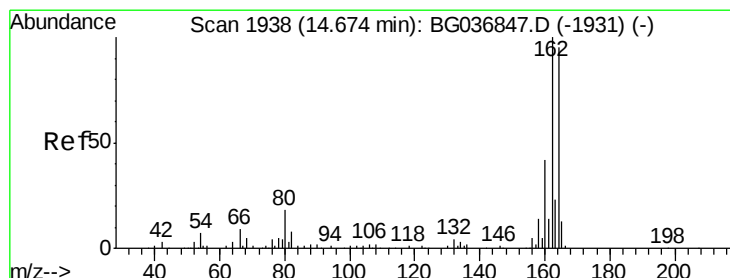
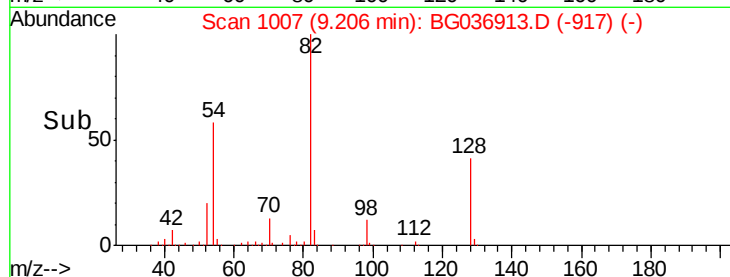
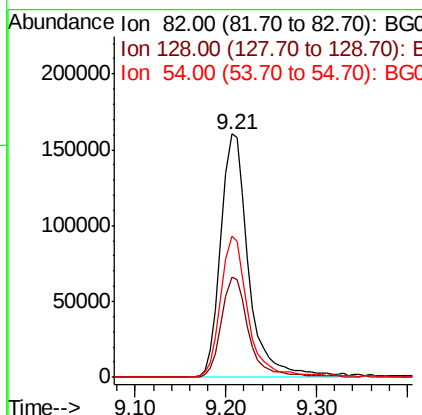
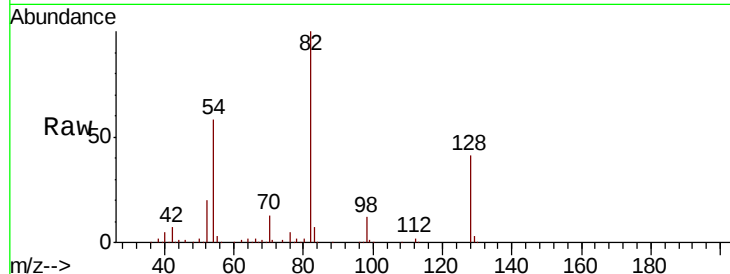




#23
 Nitrobenzene-d5
 Concen: 117.908 ng
 RT: 9.21 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BG036913.D
 Acq: 23 Sep 2018 4:36

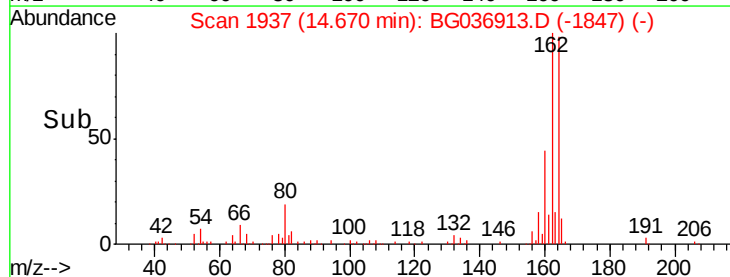
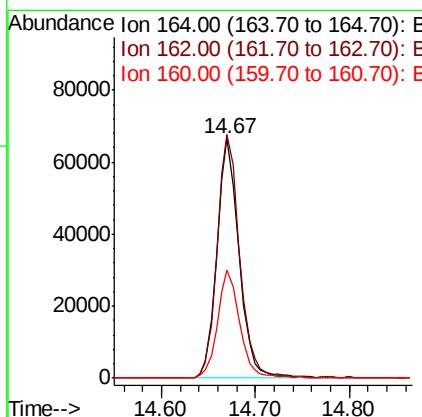
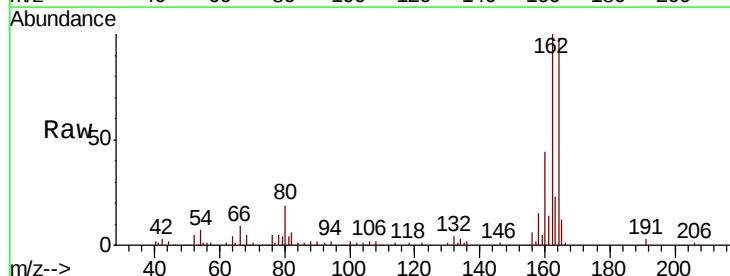
Instrument :
 BNA_G
 ClientSampleId :
 091918-TIPC-F-U-S

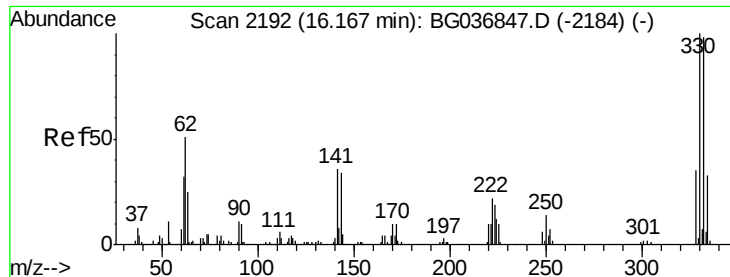
Tot Ion	82	Resp	342537
Ion	Ratio	Lower	Upper
82	100		
128	41.0	33.3	49.9
54	58.2	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: BG036913.D
 Acq: 23 Sep 2018 4:36

Tgt Ion	164	Resp	109857
Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.7	121.1
160	44.9	35.3	52.9

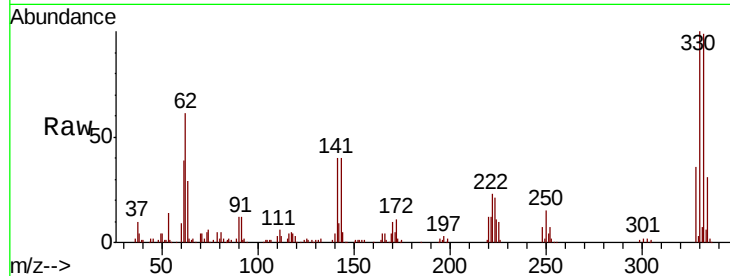




#41
 2,4,6-Tribromophenol
 Concen: 120.738 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036913.D
 Acq: 23 Sep 2018 4:36

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	75.4	113.2
141	39.8	30.7	46.1

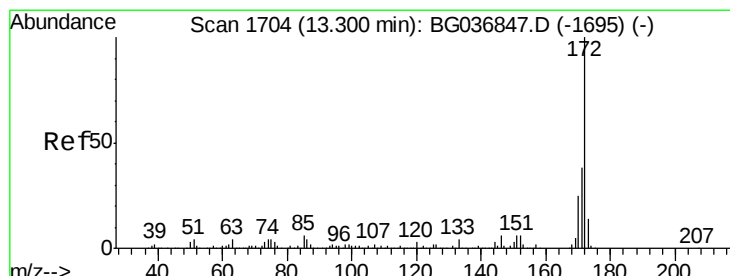
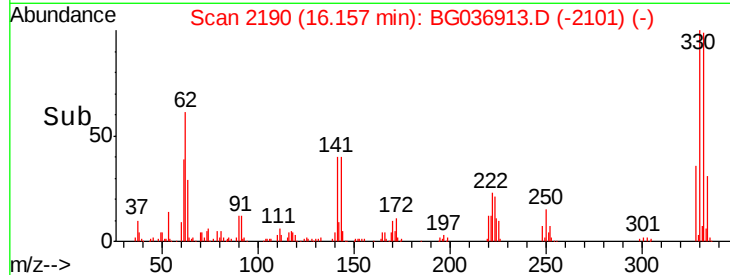
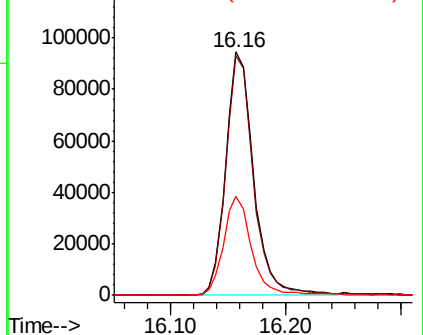


Abundance

Ion 329.80 (329.50 to 330.50): E

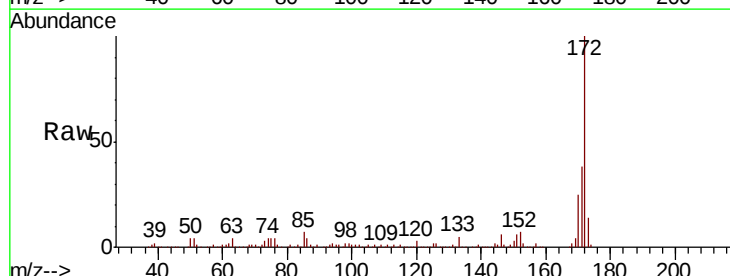
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 110.017 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG036913.D
 Acq: 23 Sep 2018 4:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.3	46.9
170	25.4	21.0	31.6

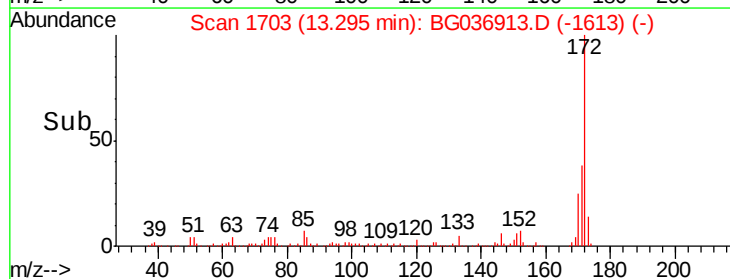
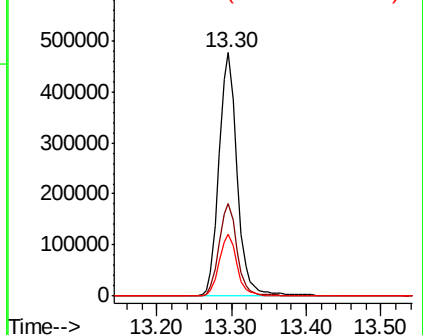


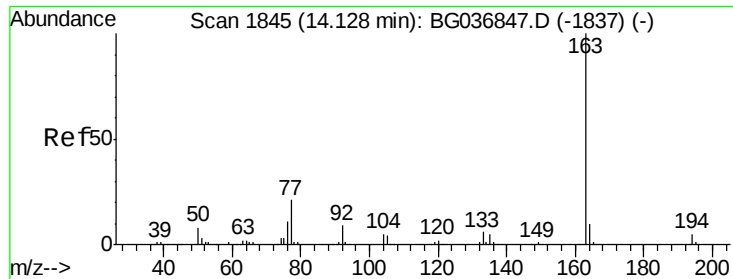
Abundance

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: 6.281 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BG036913.D

Acq: 23 Sep 2018 4:36

Instrument :

BNA_G

ClientSampleId :

091918-TIPC-F-U-S

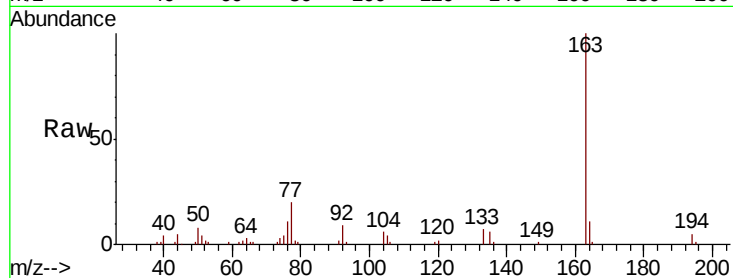
Tot Ion:163 Resp: 55539

Ion Ratio Lower Upper

163 100

194 4.8 4.0 6.0

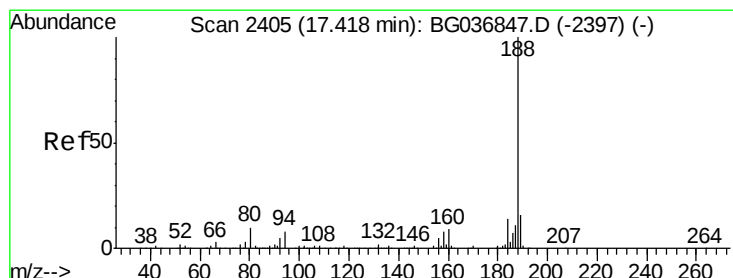
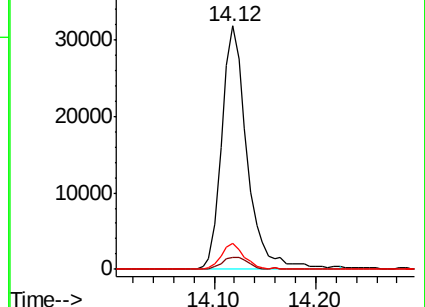
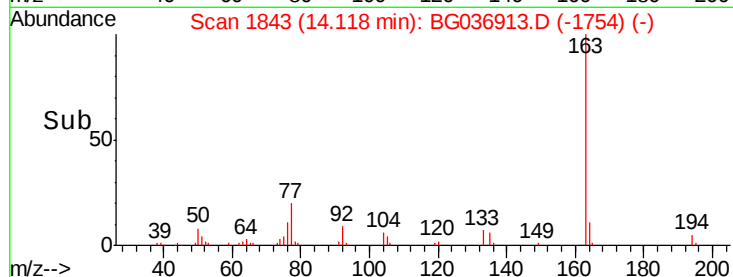
164 10.6 8.1 12.1



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: BG036913.D

Acq: 23 Sep 2018 4:36

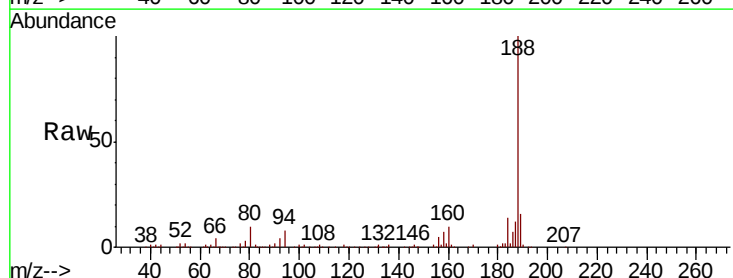
Tgt Ion:188 Resp: 289566

Ion Ratio Lower Upper

188 100

94 8.0 6.7 10.1

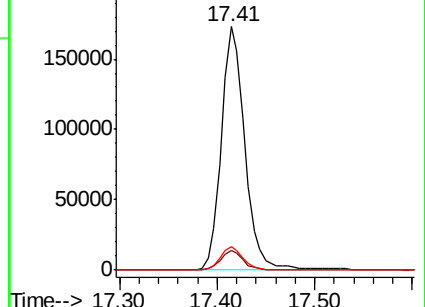
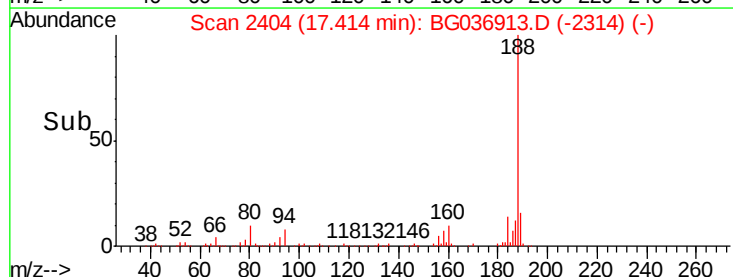
80 9.5 8.1 12.1

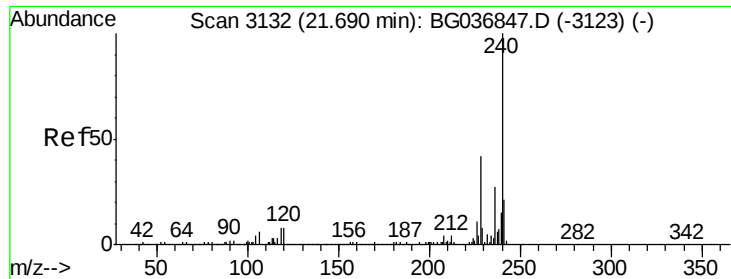


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG036913.D

Acq: 23 Sep 2018 4:36

Instrument :

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091918-TIPC-F-U-S

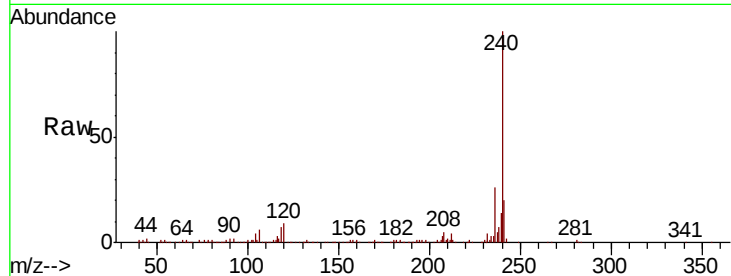
Tot Ion:240 Resp: 305898

Ion Ratio Lower Upper

240 100

120 8.7 6.9 10.3

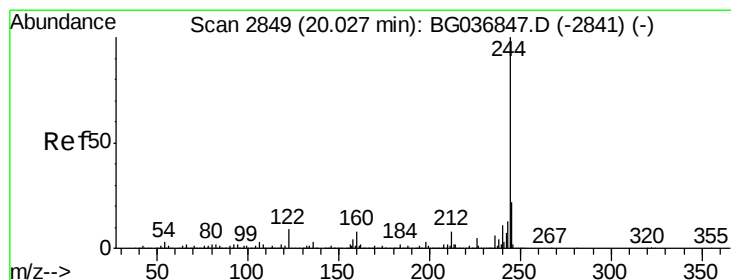
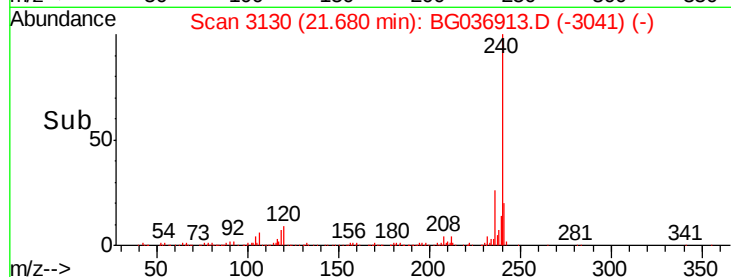
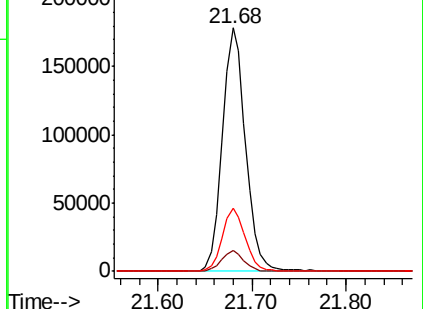
236 26.0 21.2 31.8



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: 127.526 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BG036913.D

Acq: 23 Sep 2018 4:36

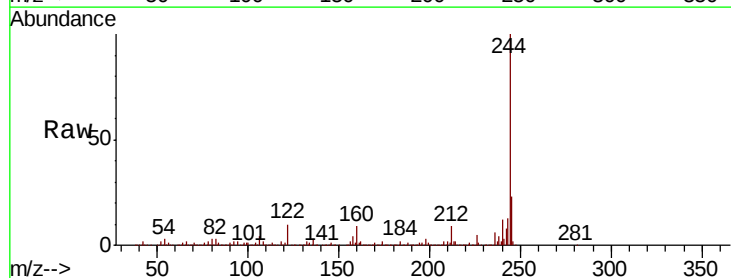
Tgt Ion:244 Resp: 1483558

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

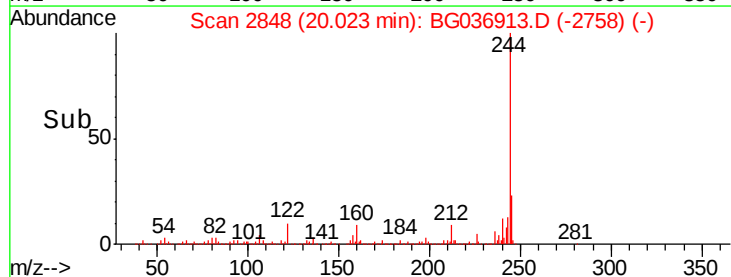
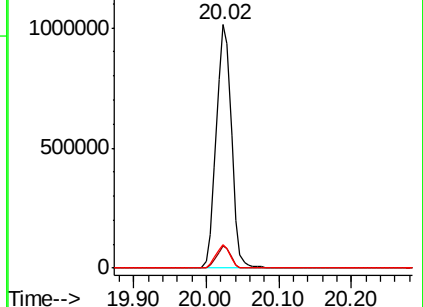
122 9.9 7.1 10.7

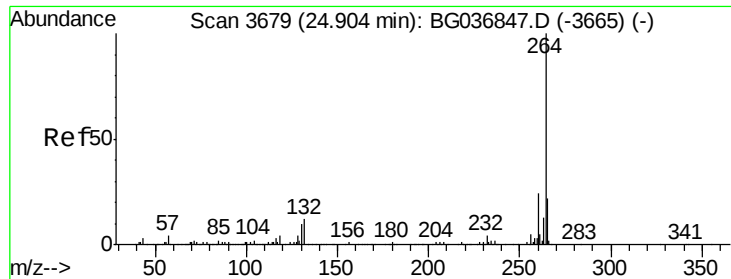


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3676
Delta R.T. -0.02 min
Lab File: BG036913.D
Acq: 23 Sep 2018 4:36

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.6	29.4
265	21.4	17.4	26.0

