

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092218\
 Data File : BG036912.D
 Acq On : 23 Sep 2018 3:57
 Operator : JU/SJ
 Sample : J5019-19
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Sep 24 05:33:35 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

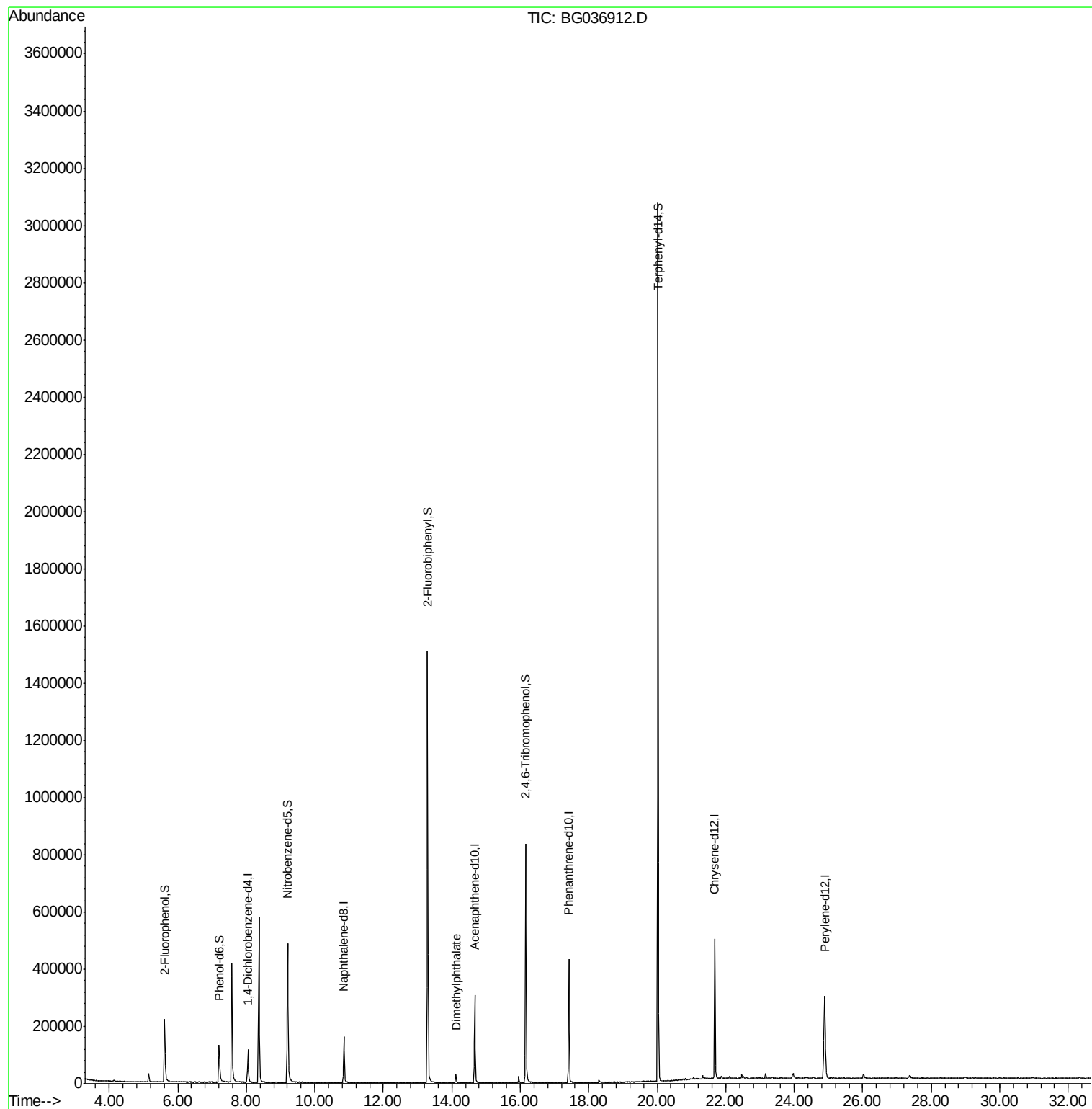
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	38879	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	163715	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	111086	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	295296	20.00	ng	0.00
75) Chrysene-d12	21.68	240	320206	20.00	ng	-0.01
86) Perylene-d12	24.89	264	318214	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	111249	54.88	ng	0.00
7) Phenol-d6	7.21	99	101172	32.26	ng	0.00
23) Nitrobenzene-d5	9.20	82	360086	117.78	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	160282	120.60	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	834985	111.95	ng	0.00
78) Terphenyl-d14	20.02	244	1530490	125.68	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.12	163	23600	2.639	ng	Qvalue # 96

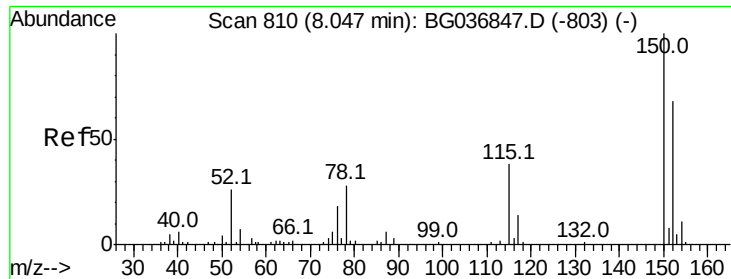
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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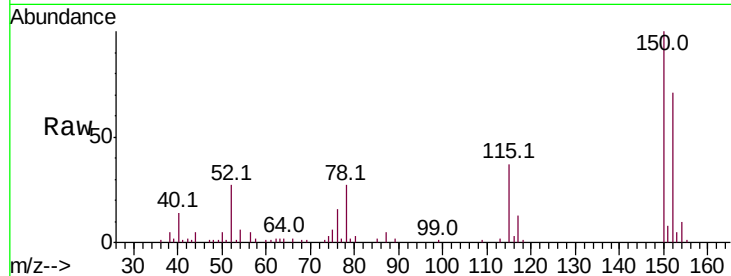


#1

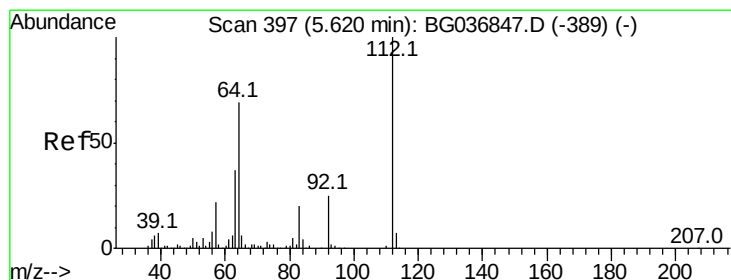
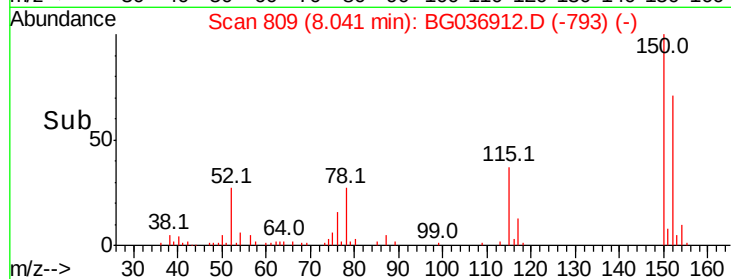
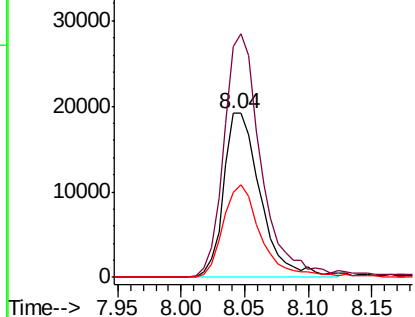
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BG036912.D
 Acq: 23 Sep 2018 3:57

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.1	119.5	179.3
115	51.8	44.5	66.7



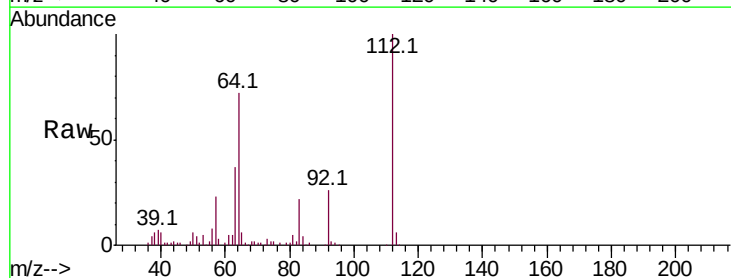
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



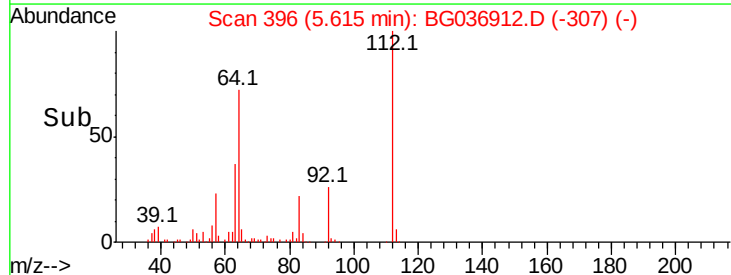
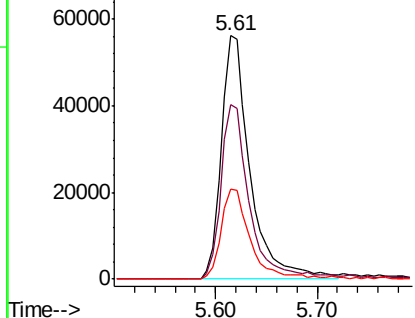
#5

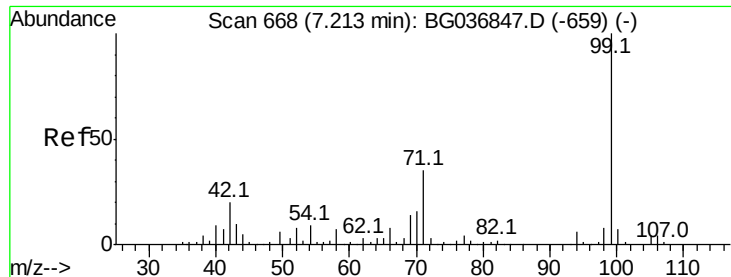
2-Fluorophenol
 Concen: 54.876 ng
 RT: 5.61 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BG036912.D
 Acq: 23 Sep 2018 3:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.7	57.2	85.8
63	37.2	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: 32.256 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036912.D

Acq: 23 Sep 2018 3:57

Instrument :

BNA_G

ClientSampleId :

091918-TIPC-F-U-B

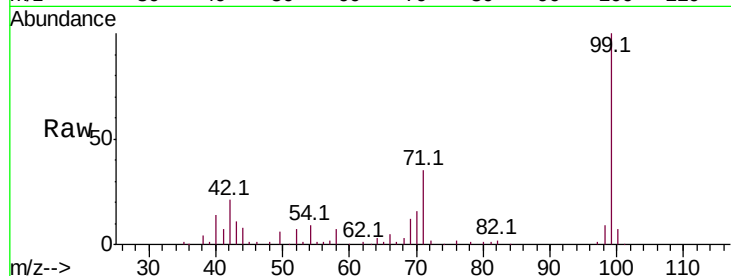
Tot Ion: 99 Resp: 101172

Ion Ratio Lower Upper

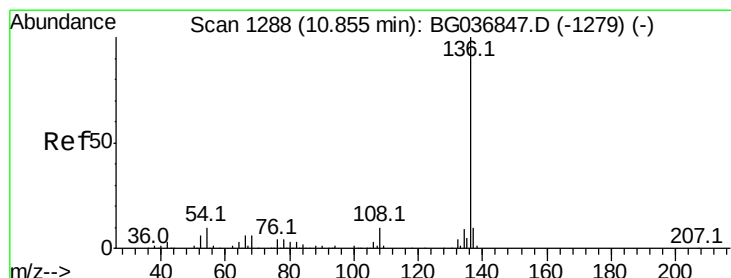
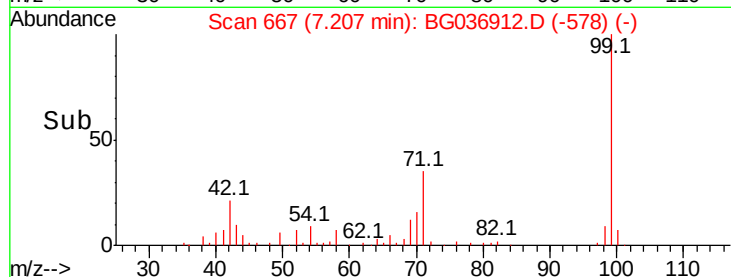
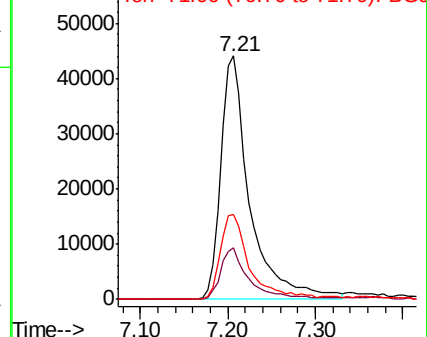
99 100

42 21.1 16.5 24.7

71 34.8 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: BG036912.D

Acq: 23 Sep 2018 3:57

Tgt Ion: 136 Resp: 163715

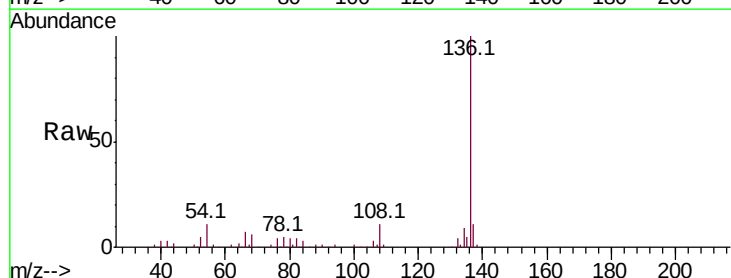
Ion Ratio Lower Upper

136 100

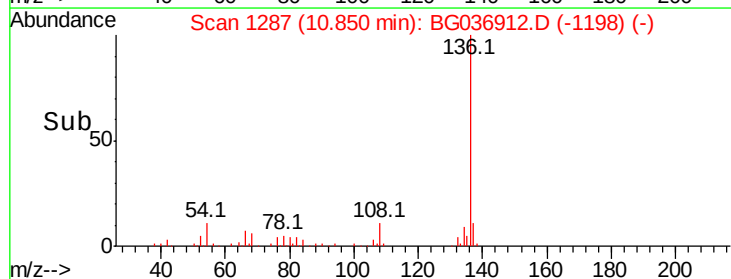
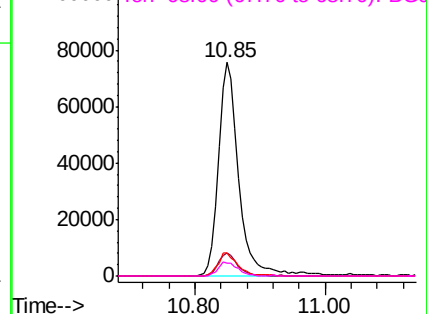
137 10.9 8.8 13.2

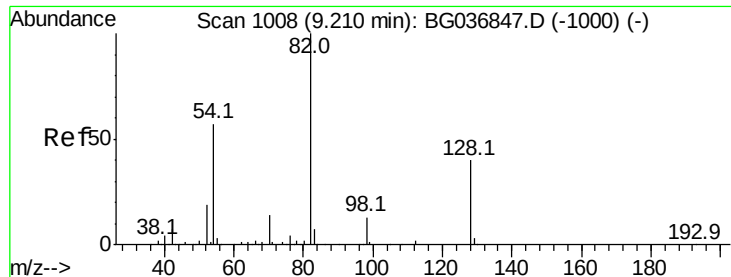
54 10.6 9.2 13.8

68 6.2 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

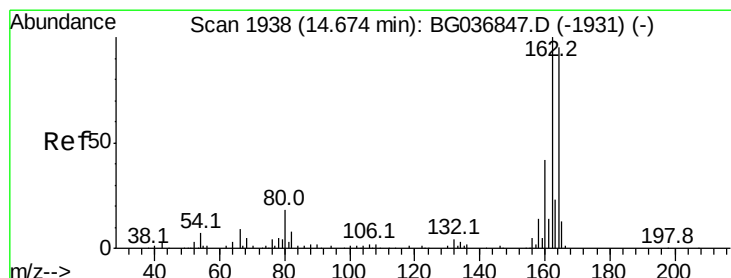
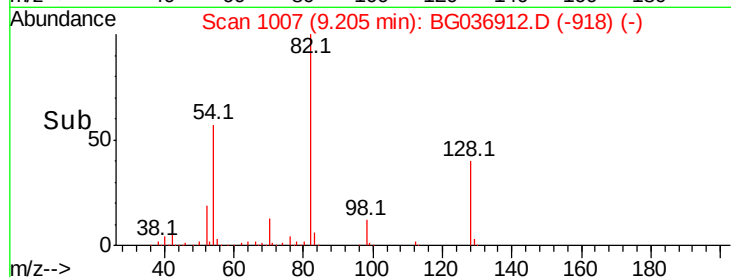
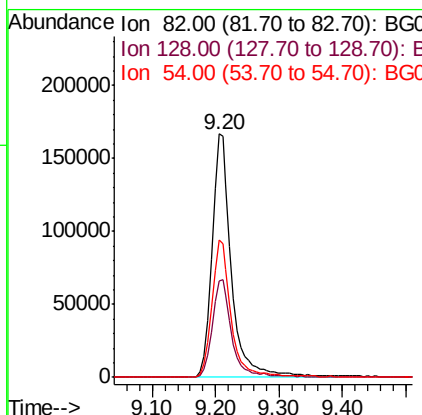
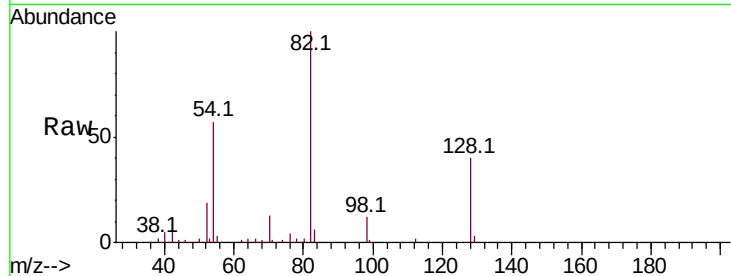




#23
Nitrobenzene-d5
Concen: 117.784 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036912.D
Acq: 23 Sep 2018 3:57

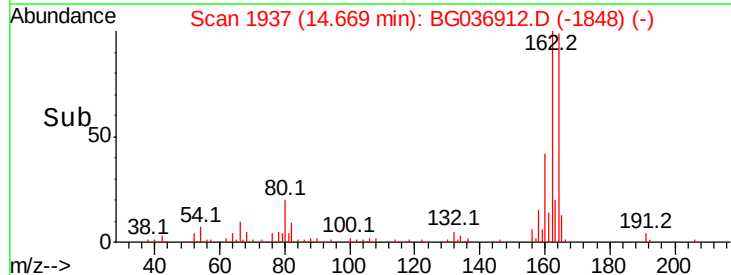
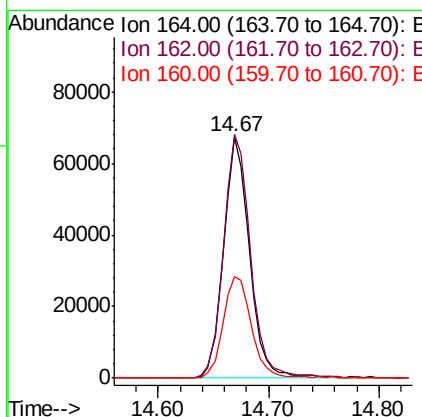
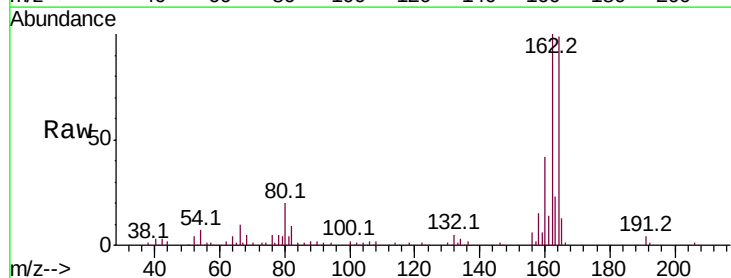
Instrument :
BNA_G
ClientSampleId :
091918-TIPC-F-U-B

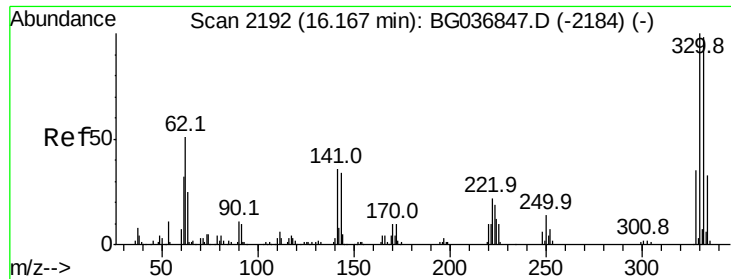
Tot Ion: 82 Resp: 360086
Ion Ratio Lower Upper
82 100
128 39.6 33.3 49.9
54 56.7 45.1 67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036912.D
Acq: 23 Sep 2018 3:57

Tgt Ion: 164 Resp: 111086
Ion Ratio Lower Upper
164 100
162 100.8 80.7 121.1
160 42.1 35.3 52.9

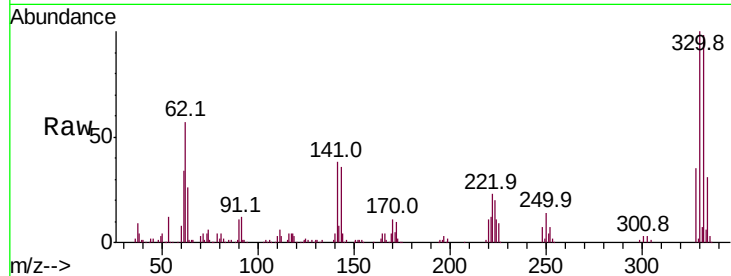




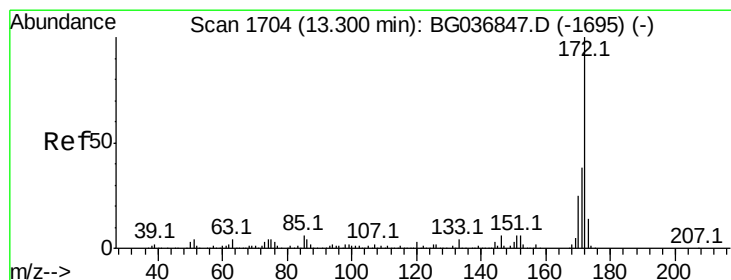
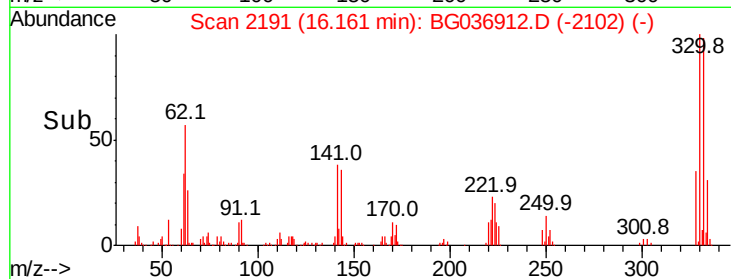
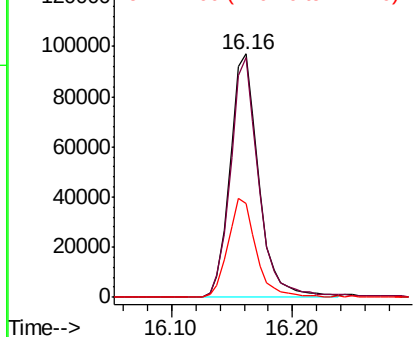
#41
 2,4,6-Tribromophenol
 Concen: 120.597 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036912.D
 Acq: 23 Sep 2018 3:57

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	75.4	113.2
141	40.0	30.7	46.1

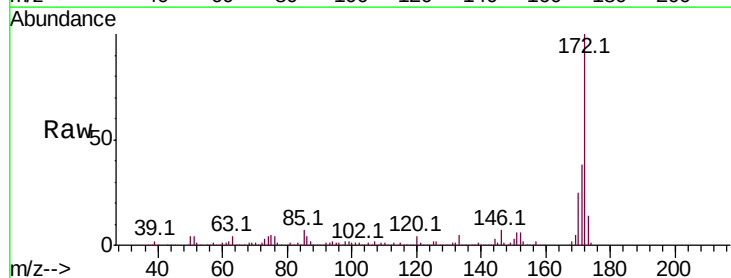


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

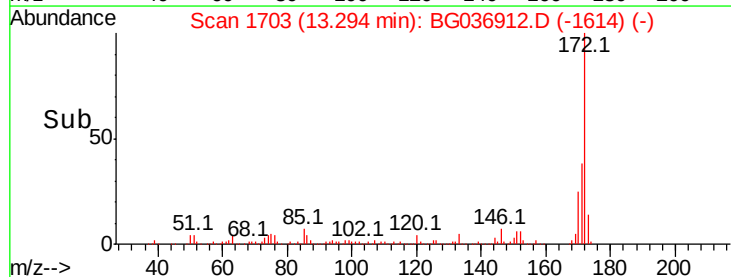
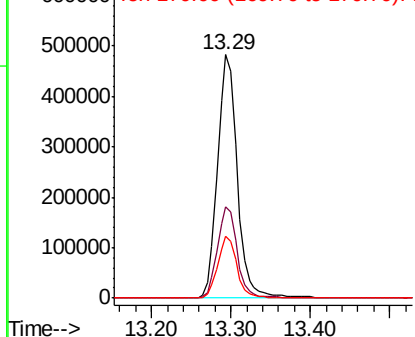


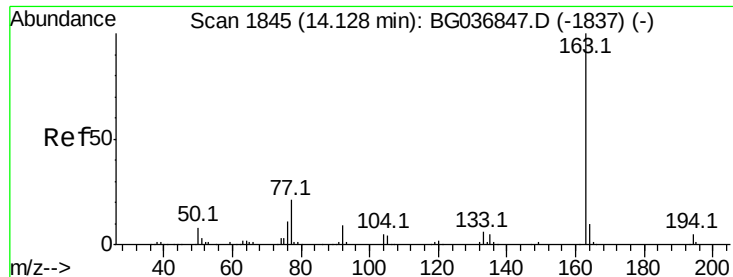
#44
 2-Fluorobiphenyl
 Concen: 111.951 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036912.D
 Acq: 23 Sep 2018 3:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.3	46.9
170	25.3	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: 2.639 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BG036912.D

Acq: 23 Sep 2018 3:57

Instrument :

BNA_G

ClientSampleId :

091918-TIPC-F-U-B

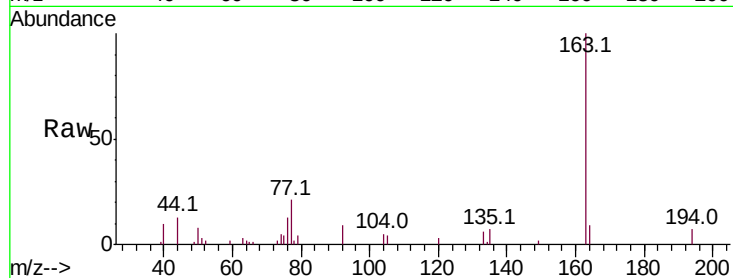
Tot Ion:163 Resp: 23600

Ion Ratio Lower Upper

163 100

194 6.8 4.0 6.0#

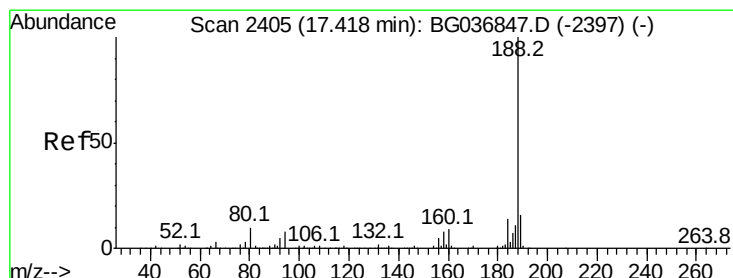
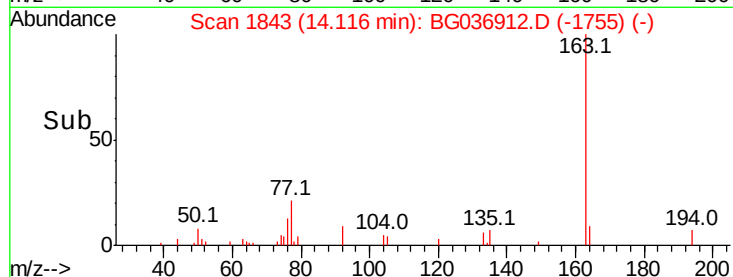
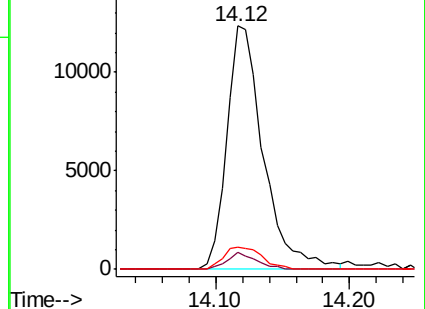
164 9.1 8.1 12.1



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: 17.41 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BG036912.D

Acq: 23 Sep 2018 3:57

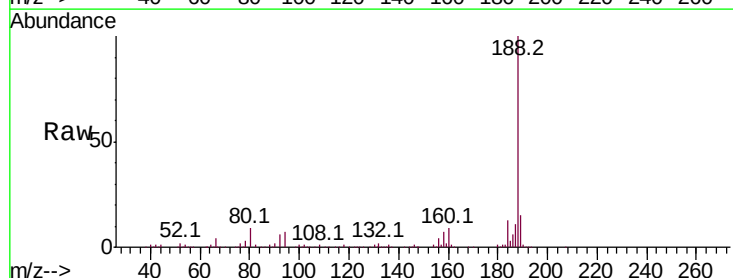
Tgt Ion:188 Resp: 295296

Ion Ratio Lower Upper

188 100

94 7.4 6.7 10.1

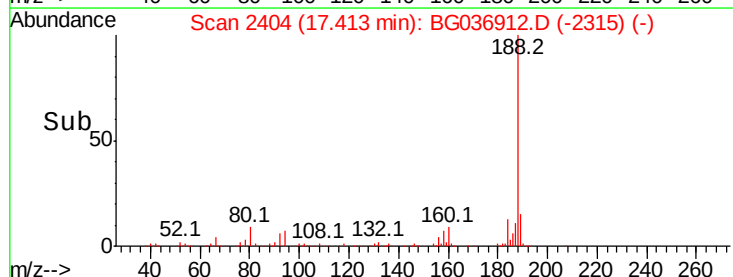
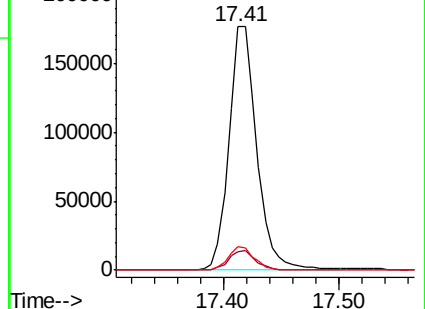
80 9.4 8.1 12.1

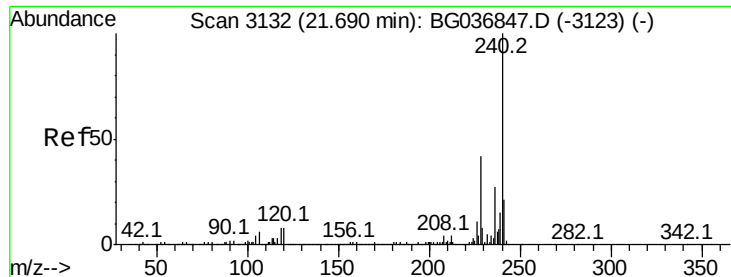


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG036912.D

Acq: 23 Sep 2018 3:57

Instrument :

BNA_G

ClientSampleId :

091918-TIPC-F-U-B

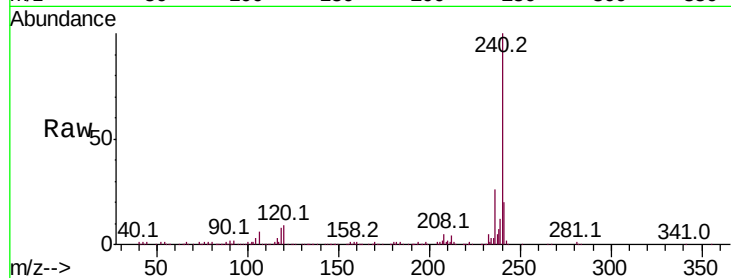
Tot Ion:240 Resp: 320206

Ion Ratio Lower Upper

240 100

120 8.5 6.9 10.3

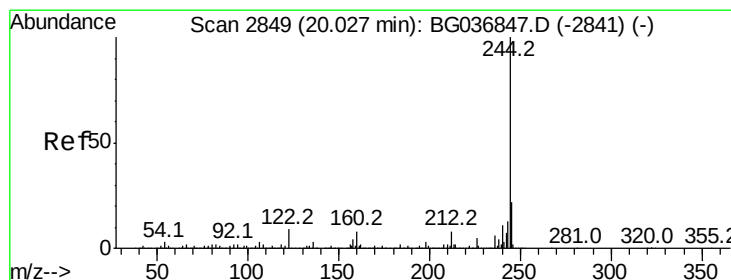
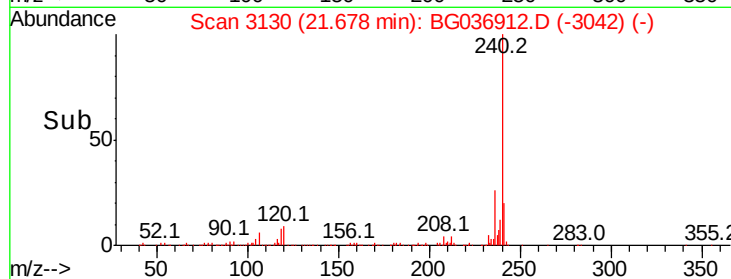
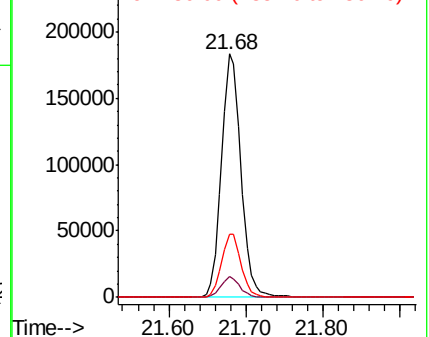
236 25.7 21.2 31.8



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: 125.682 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036912.D

Acq: 23 Sep 2018 3:57

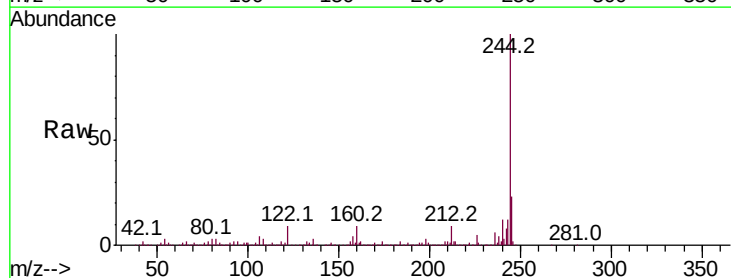
Tgt Ion:244 Resp: 1530490

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

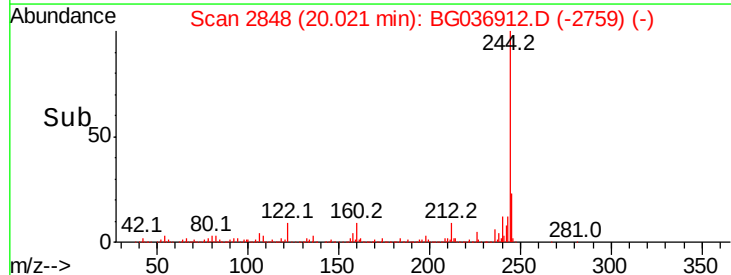
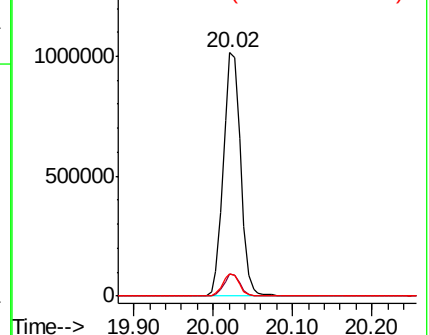
122 9.3 7.1 10.7

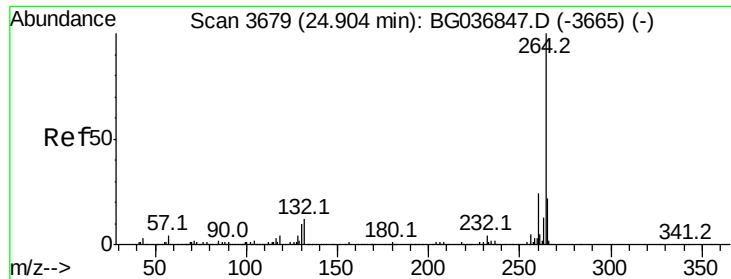


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG036912.D
Acq: 23 Sep 2018 3:57

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	20.2	17.4	26.0

