

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092218\
 Data File : BG036910.D
 Acq On : 23 Sep 2018 2:39
 Operator : JU/SJ
 Sample : J5019-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Sep 24 05:30:32 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

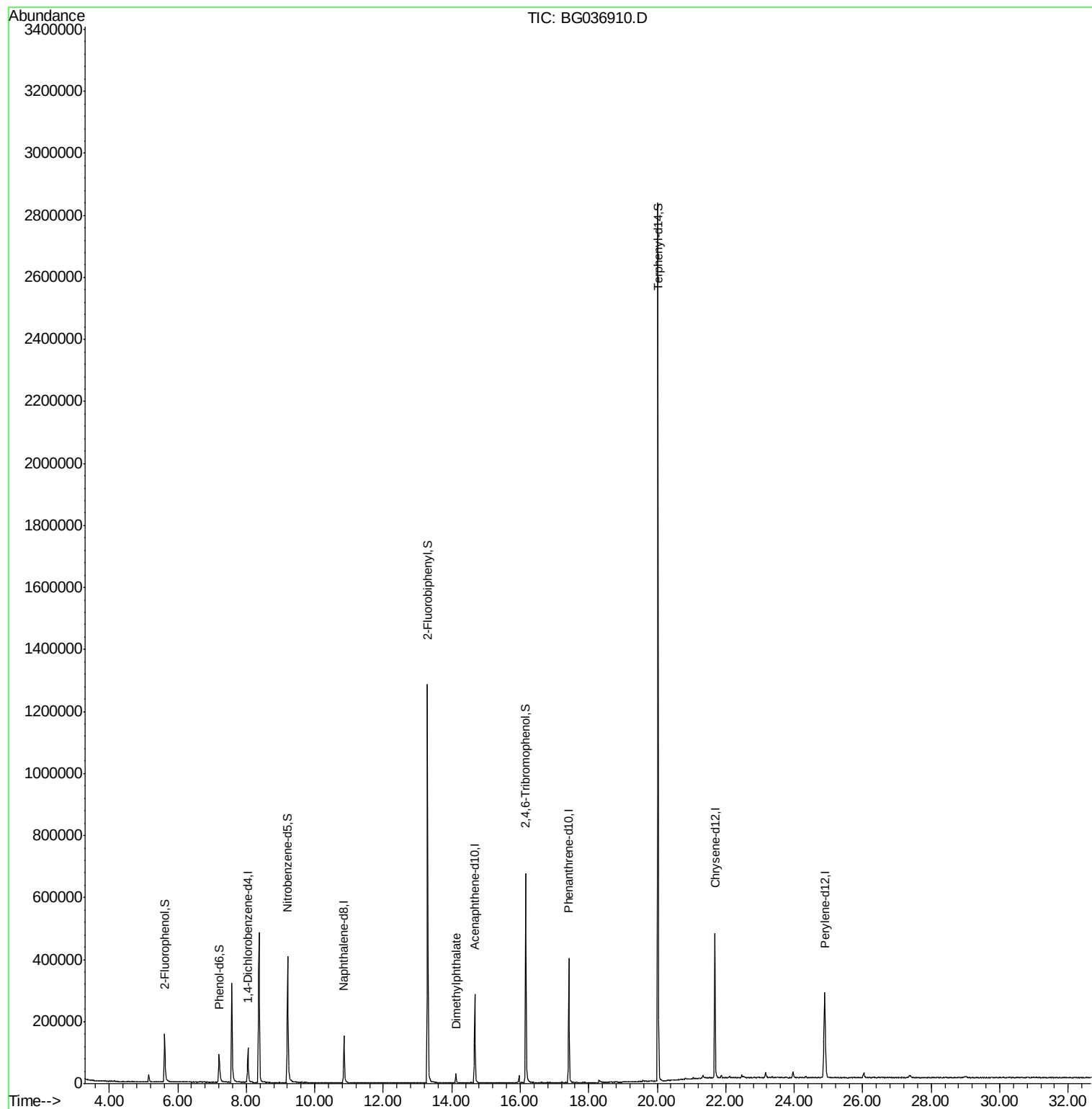
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	35101	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	153674	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	105967	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	281076	20.00	ng	0.00
75) Chrysene-d12	21.68	240	308448	20.00	ng	0.00
86) Perylene-d12	24.89	264	305384	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	78781	43.04	ng	0.00
7) Phenol-d6	7.21	99	71616	25.29	ng	0.00
23) Nitrobenzene-d5	9.20	82	295675	103.03	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	136591	107.74	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	714961	100.49	ng	0.00
78) Terphenyl-d14	20.02	244	1391504	118.62	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.12	163	25419	2.980	ng	Qvalue # 95

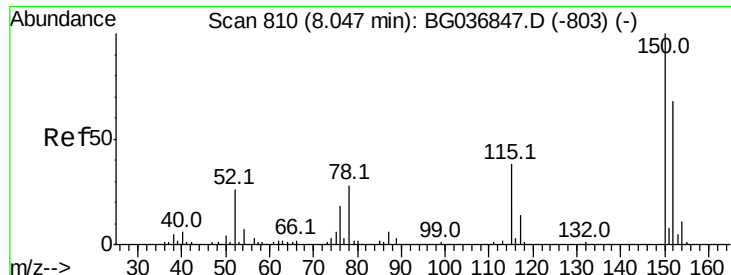
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 20:07:11 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 810

Delta R.T. -0.00 min

Lab File: BG036910.D

Acq: 23 Sep 2018 2:39

Instrument :

BNA_G

ClientSampleId :

091918-TIPC-F-D-B

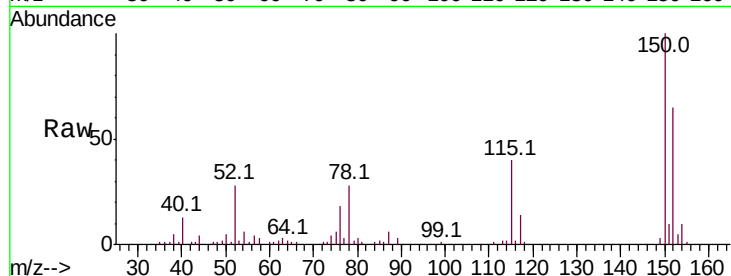
Tot Ion:152 Resp: 35101

Ion Ratio Lower Upper

152 100

150 153.7 119.5 179.3

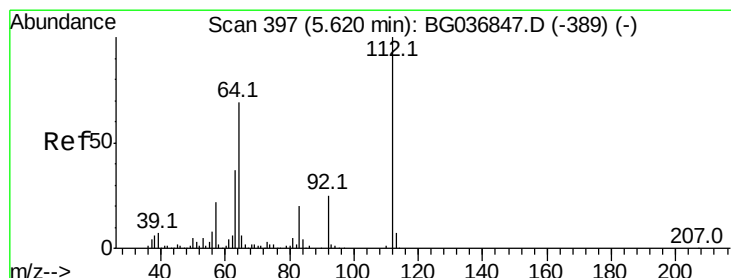
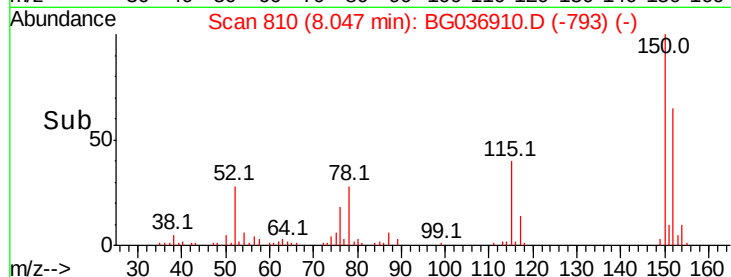
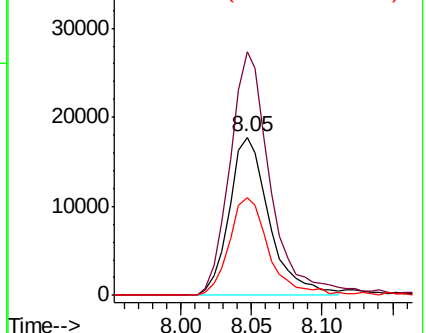
115 62.0 44.5 66.7



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: 43.043 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG036910.D

Acq: 23 Sep 2018 2:39

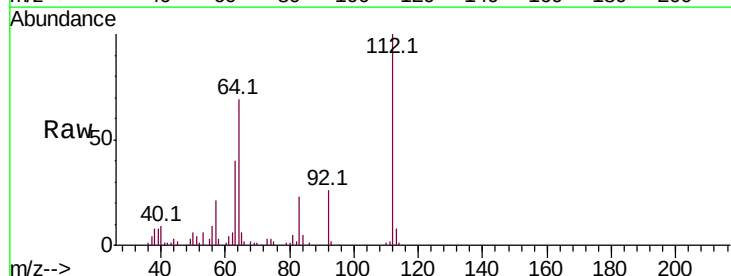
Tgt Ion:112 Resp: 78781

Ion Ratio Lower Upper

112 100

64 69.2 57.2 85.8

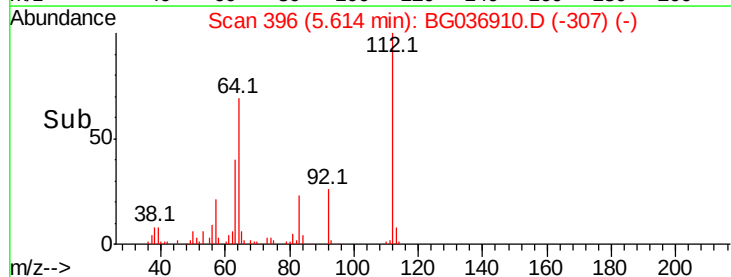
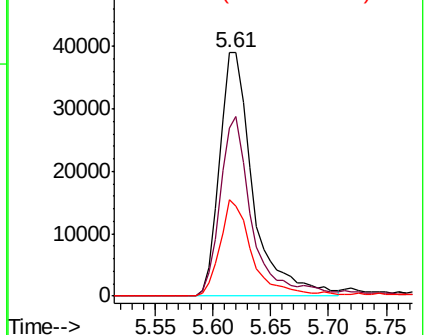
63 39.6 30.8 46.2

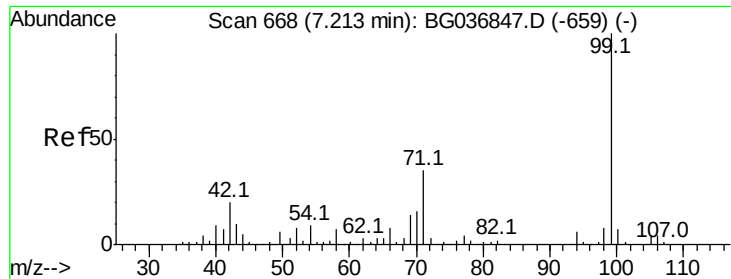


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 25.290 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036910.D

Acq: 23 Sep 2018 2:39

Instrument :

BNA_G

ClientSampleId :

091918-TIPC-F-D-B

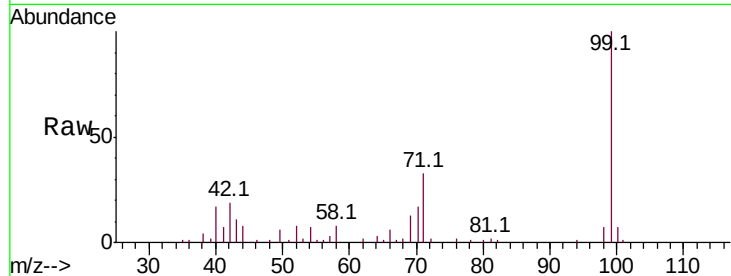
Tot Ion: 99 Resp: 71616

Ion Ratio Lower Upper

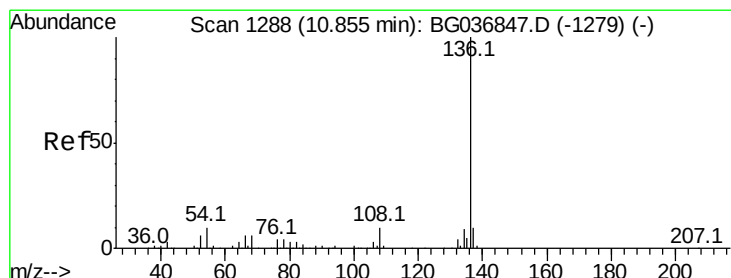
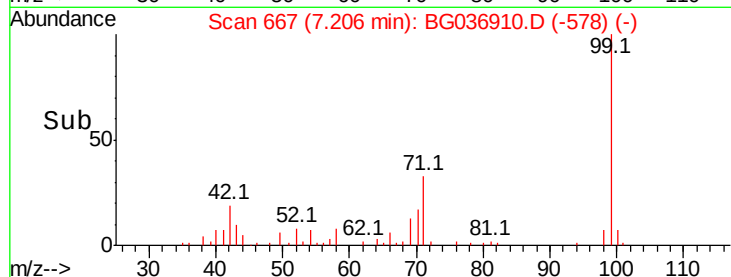
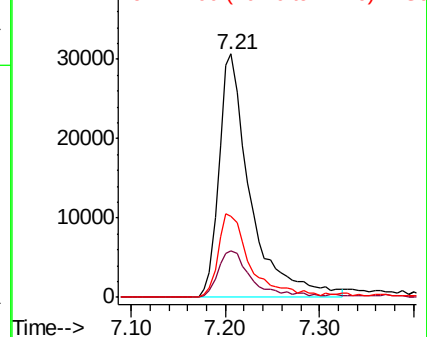
99 100

42 19.0 16.5 24.7

71 33.3 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: BG036910.D

Acq: 23 Sep 2018 2:39

Tgt Ion: 136 Resp: 153674

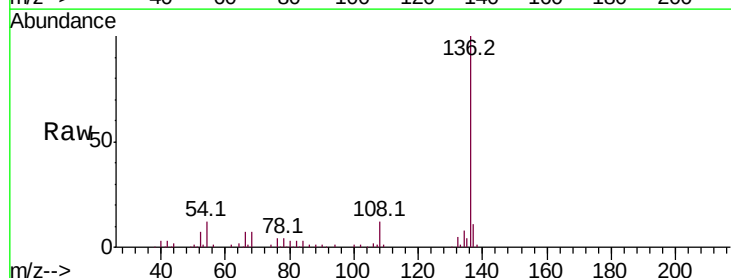
Ion Ratio Lower Upper

136 100

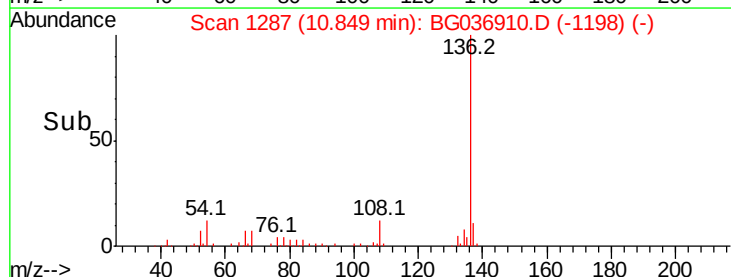
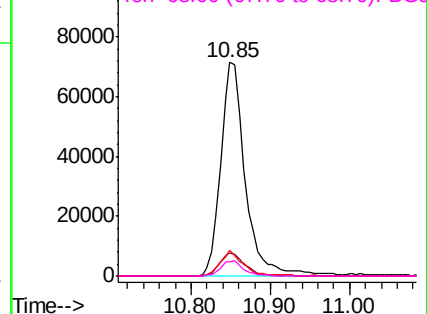
137 10.8 8.8 13.2

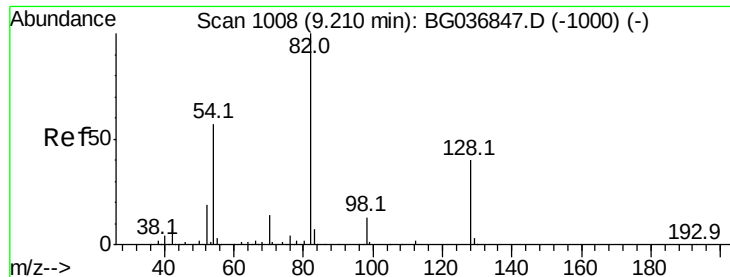
54 11.7 9.2 13.8

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

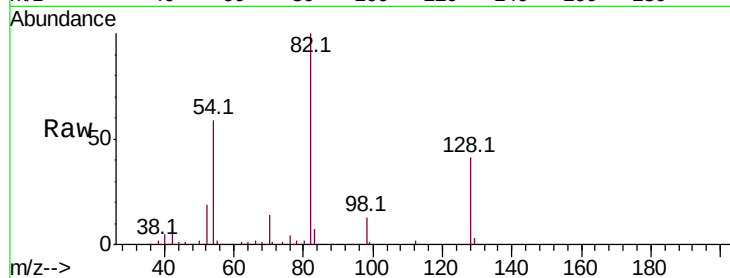




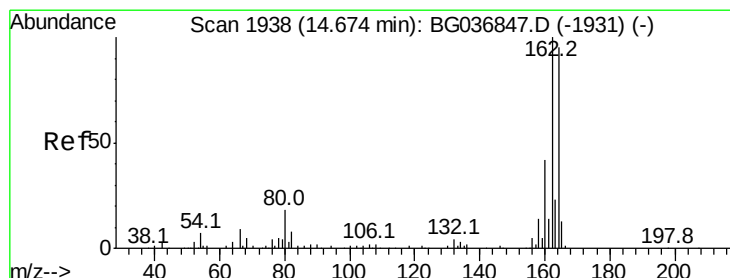
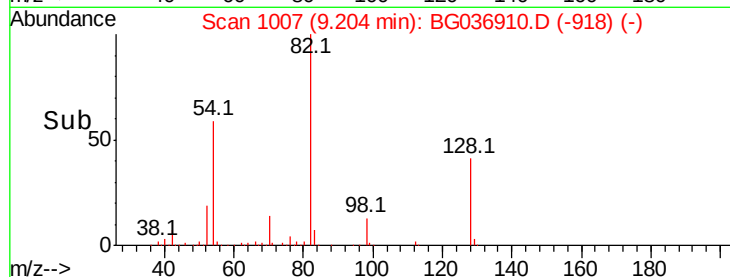
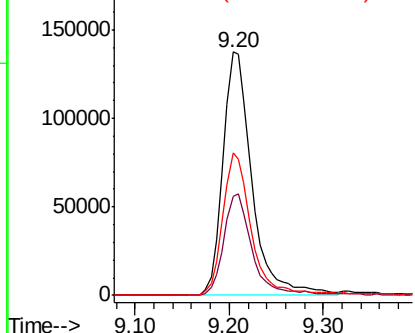
#23
Nitrobenzene-d5
Concen: 103.034 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036910.D
Acq: 23 Sep 2018 2:39

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.7	33.3	49.9
54	58.7	45.1	67.7

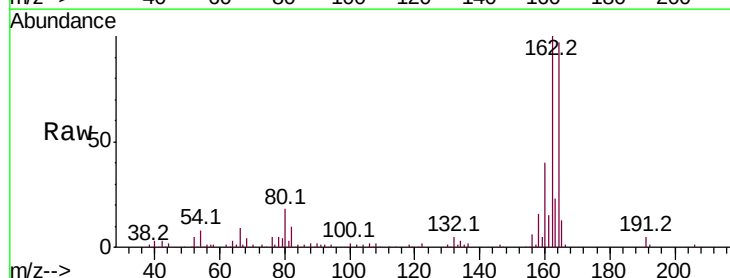


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

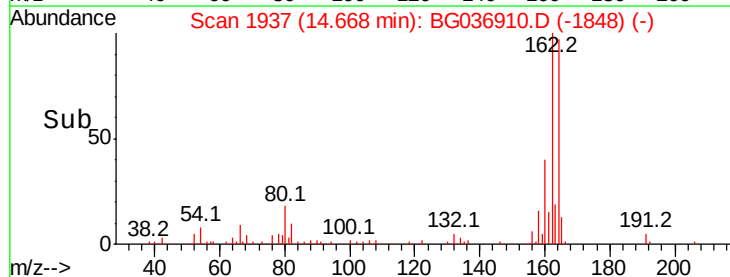
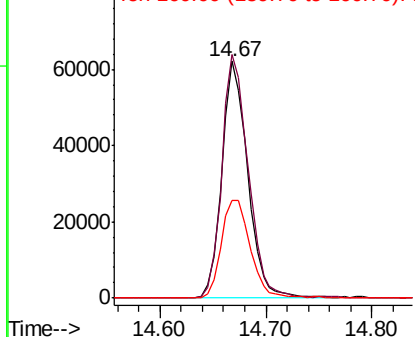


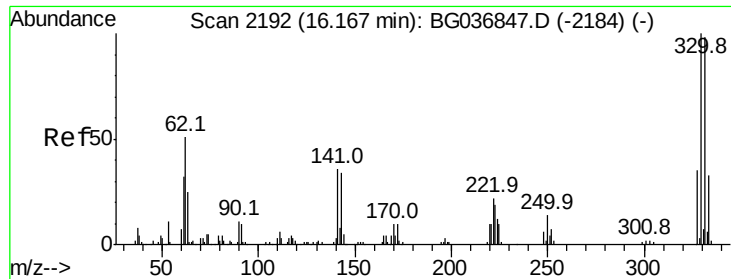
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036910.D
Acq: 23 Sep 2018 2:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.7	121.1
160	41.2	35.3	52.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

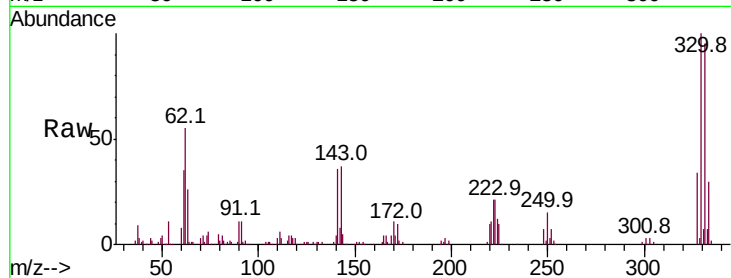




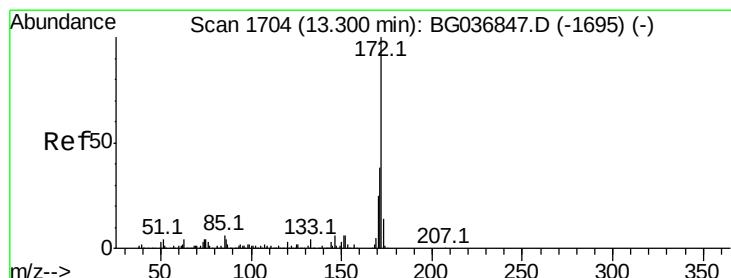
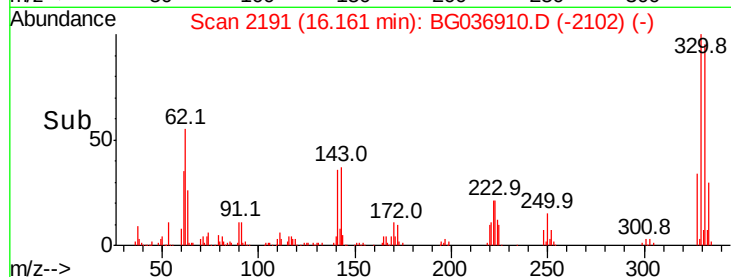
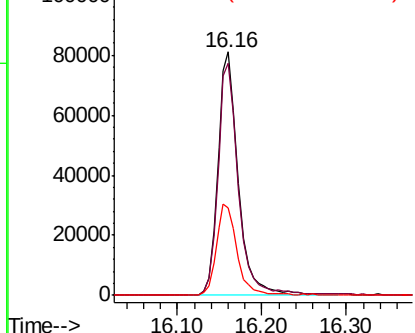
#41
 2,4,6-Tribromophenol
 Concen: 107.736 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036910.D
 Acq: 23 Sep 2018 2:39

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	75.4	113.2
141	38.2	30.7	46.1

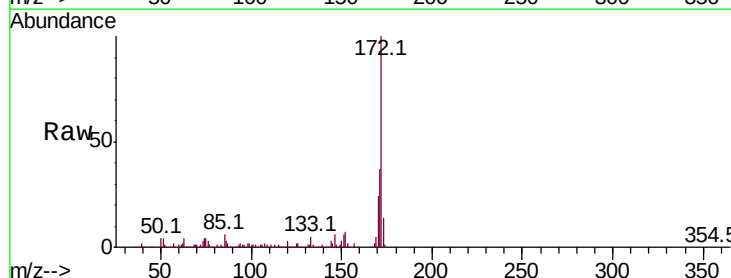


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

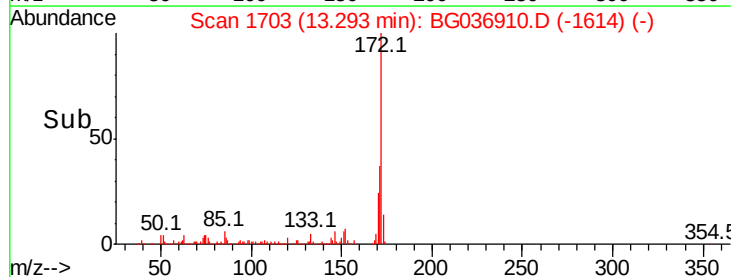
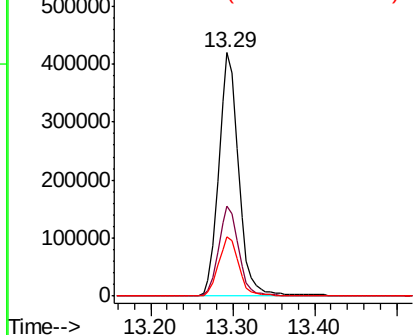


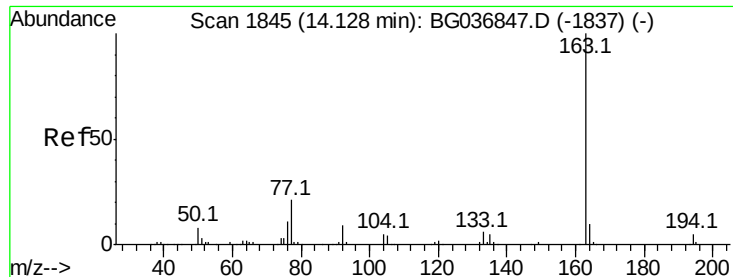
#44
 2-Fluorobiphenyl
 Concen: 100.489 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036910.D
 Acq: 23 Sep 2018 2:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.3	46.9
170	24.4	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: 2.980 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BG036910.D

Acq: 23 Sep 2018 2:39

Instrument :

BNA_G

ClientSampleId :

091918-TIPC-F-D-B

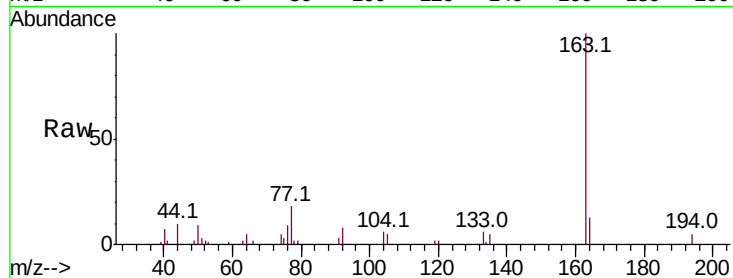
Tot Ion:163 Resp: 25419

Ion Ratio Lower Upper

163 100

194 5.1 4.0 6.0

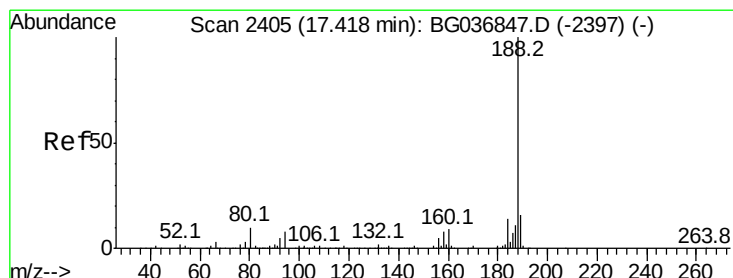
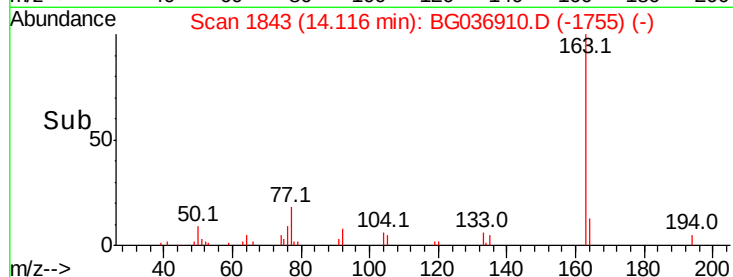
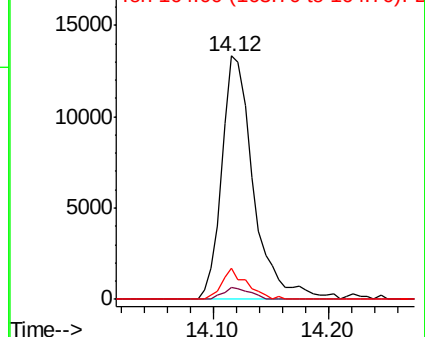
164 12.8 8.1 12.1#



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# 2405

Delta R.T. -0.00 min

Lab File: BG036910.D

Acq: 23 Sep 2018 2:39

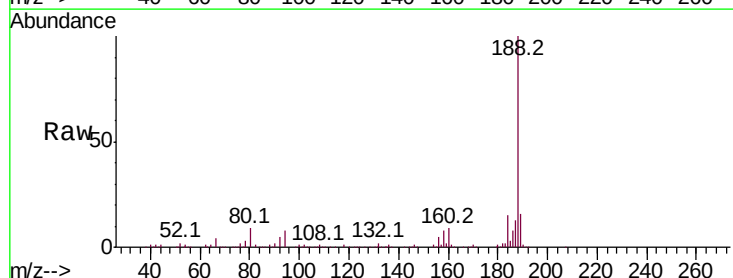
Tgt Ion:188 Resp: 281076

Ion Ratio Lower Upper

188 100

94 7.5 6.7 10.1

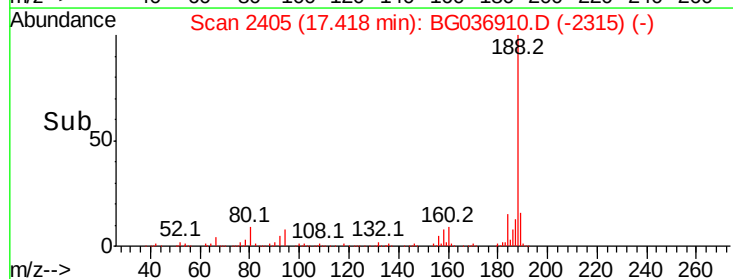
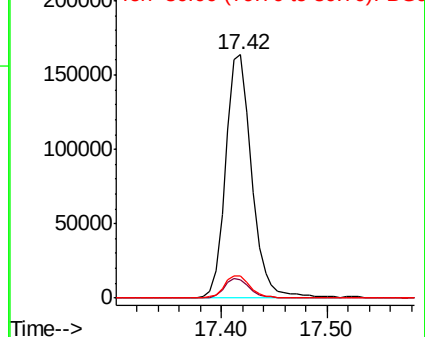
80 9.3 8.1 12.1

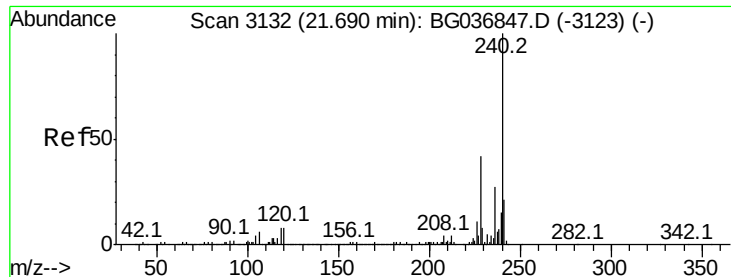


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3131

Delta R.T. -0.01 min

Lab File: BG036910.D

Acq: 23 Sep 2018 2:39

Instrument :

BNA_G

ClientSampleId :

091918-TIPC-F-D-B

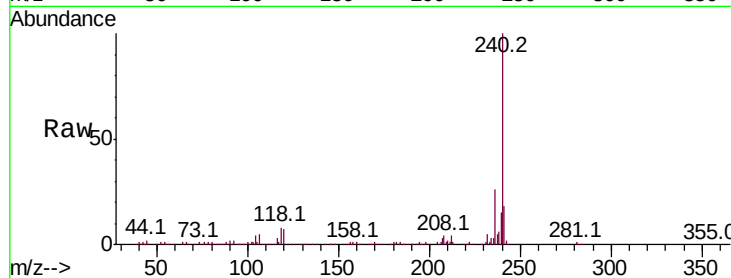
Tot Ion:240 Resp: 308448

Ion Ratio Lower Upper

240 100

120 7.5 6.9 10.3

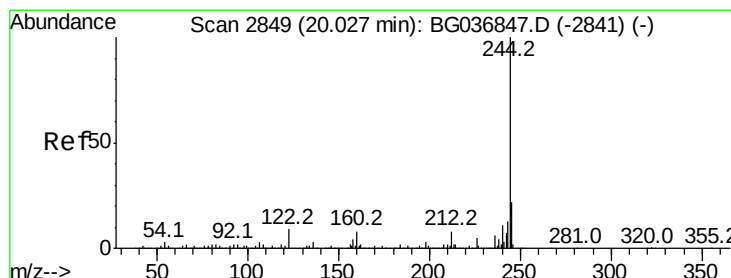
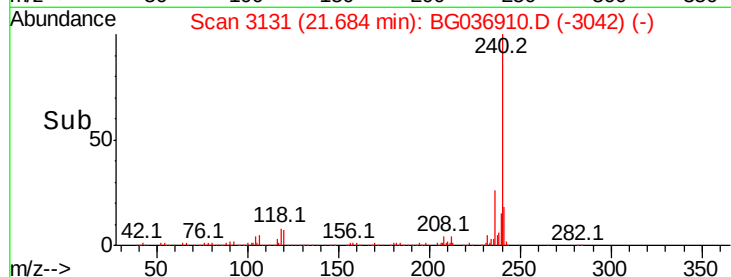
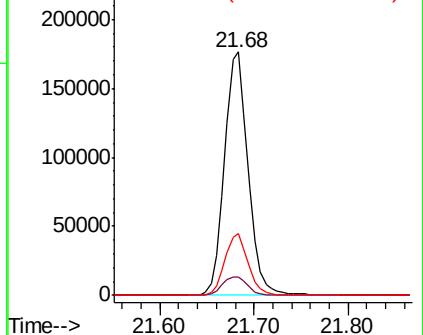
236 25.6 21.2 31.8



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: 118.624 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036910.D

Acq: 23 Sep 2018 2:39

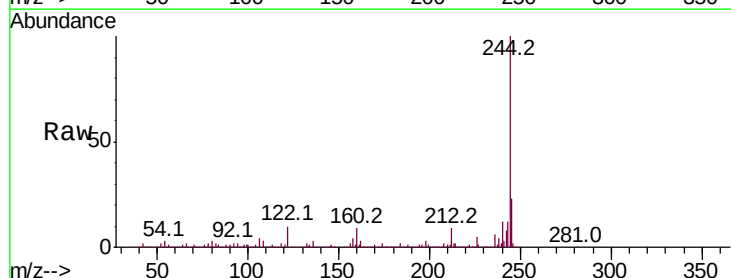
Tgt Ion:244 Resp: 1391504

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

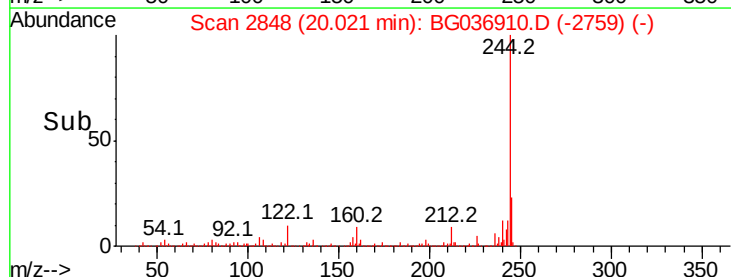
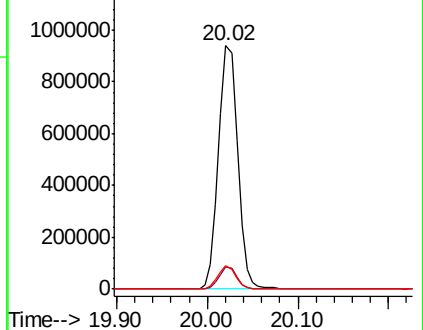
122 9.5 7.1 10.7

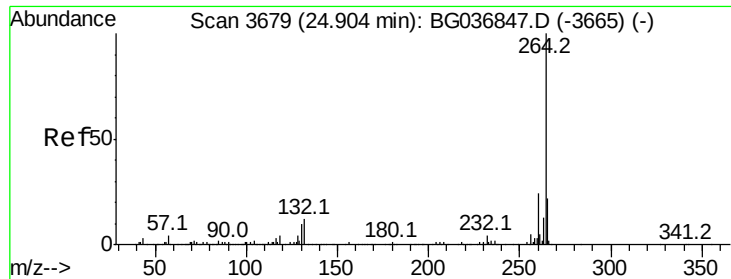


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG036910.D
Acq: 23 Sep 2018 2:39

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.6	29.4
265	21.1	17.4	26.0

