

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
 Data File : BG036776.D
 Acq On : 18 Sep 2018 6:40
 Operator : JU/SJ
 Sample : J4929-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-PIT-6

Quant Time: Sep 18 08:03:50 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

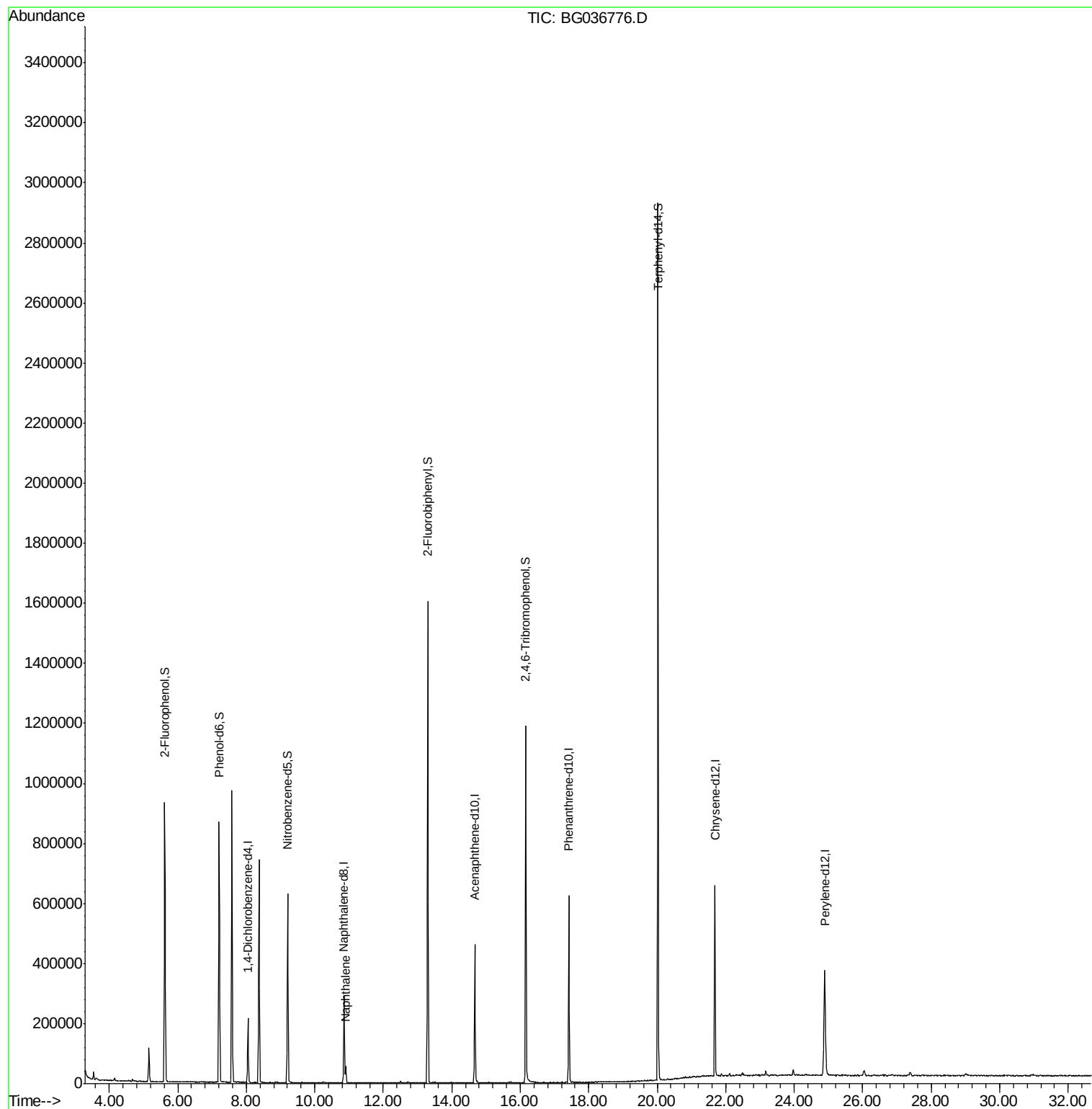
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	63183	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	245079	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	154865	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	389367	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	410831	20.00	ng	-0.02
86) Perylene-d12	24.89	264	397360	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	392338	98.50	ng	0.00
7) Phenol-d6	7.21	99	485804	85.19	ng	-0.01
23) Nitrobenzene-d5	9.21	82	382689	84.72	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	227213	122.96	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	848103	78.19	ng	-0.01
78) Terphenyl-d14	20.02	244	1389504	79.05	ng	-0.01
Target Compounds						
31) Naphthalene	10.90	128	47746	3.897	ng	Qvalue 97

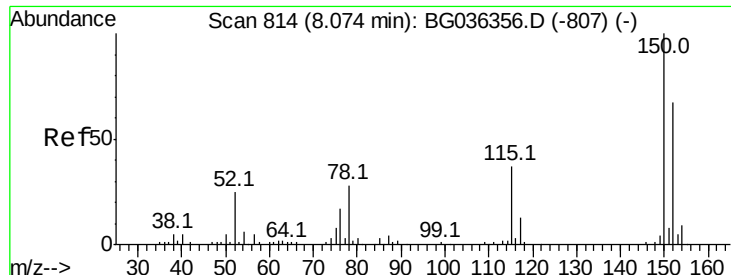
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 811

Delta R.T. -0.01 min

Lab File: BG036776.D

Acq: 18 Sep 2018 6:40

Instrument :

BNA_G

ClientSampled :

SP-PIT-6

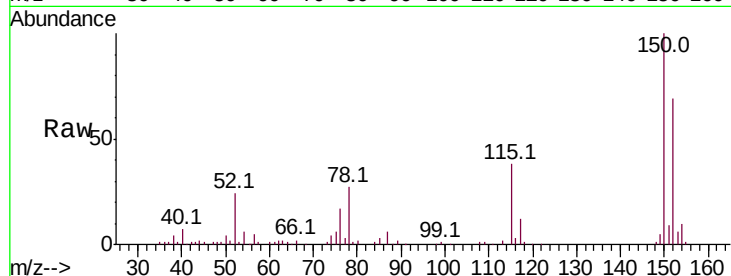
Tot Ion:152 Resp: 63183

Ion Ratio Lower Upper

152 100

150 144.0 119.5 179.3

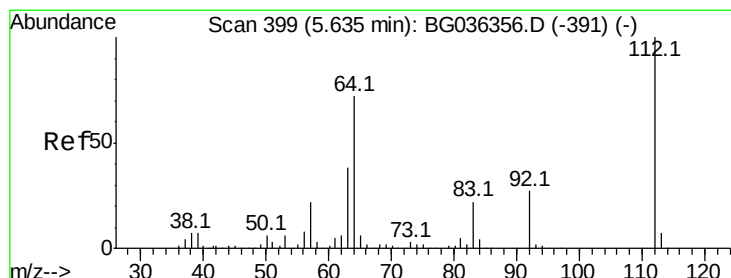
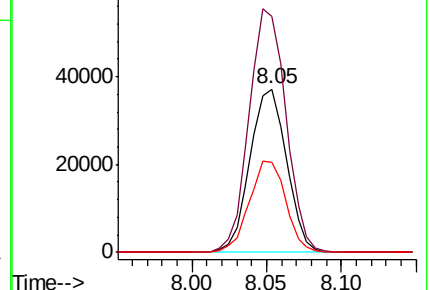
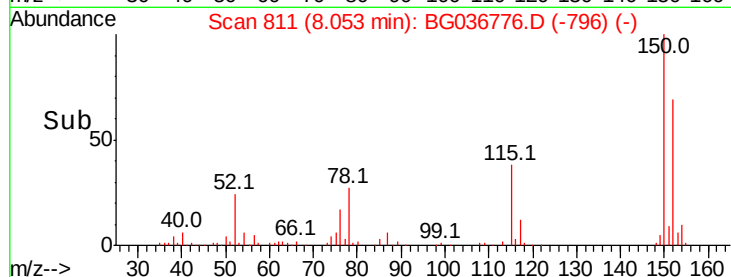
115 55.1 44.5 66.7



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: 98.502 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BG036776.D

Acq: 18 Sep 2018 6:40

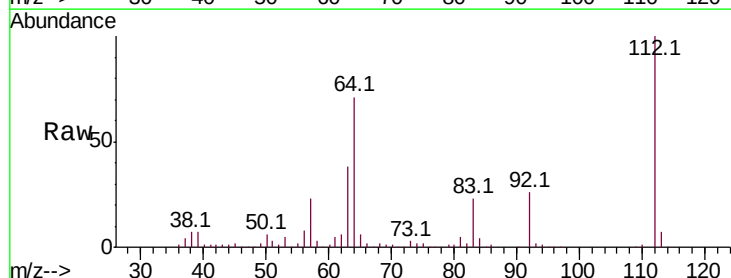
Tgt Ion:112 Resp: 392338

Ion Ratio Lower Upper

112 100

64 70.5 57.2 85.8

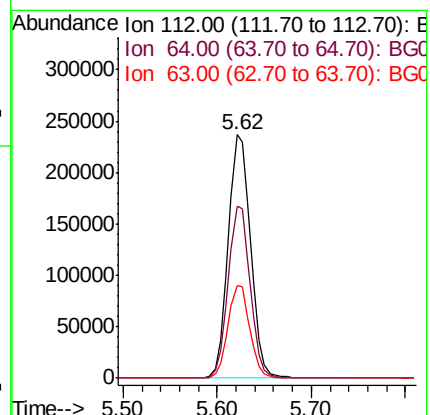
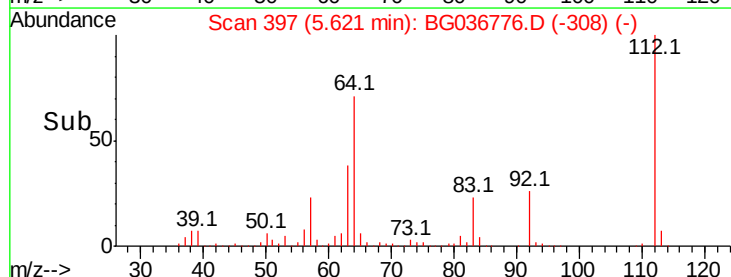
63 37.8 30.8 46.2

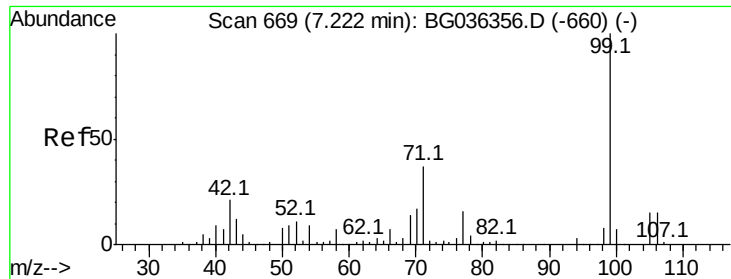


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 85.188 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036776.D

Acq: 18 Sep 2018 6:40

Instrument :

BNA_G

ClientSampled :

SP-PIT-6

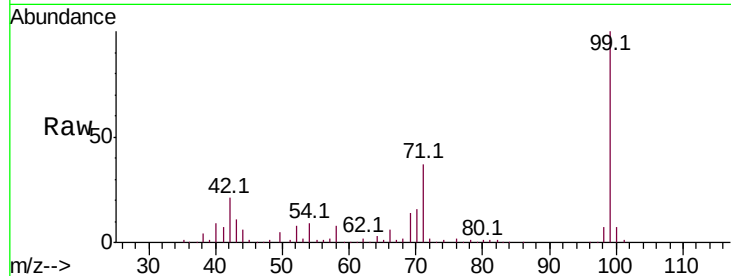
Tot Ion: 99 Resp: 485804

Ion Ratio Lower Upper

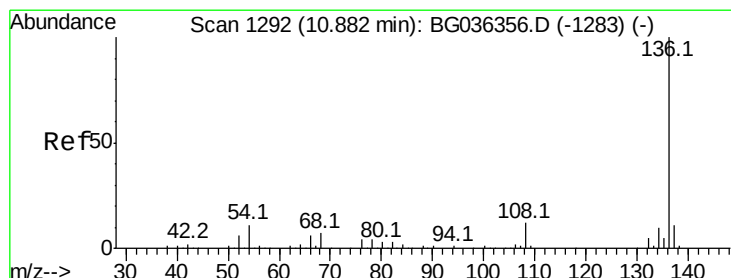
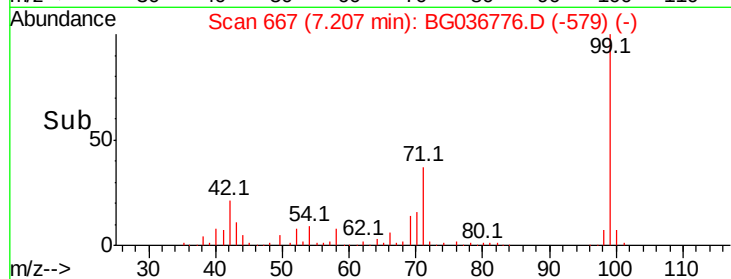
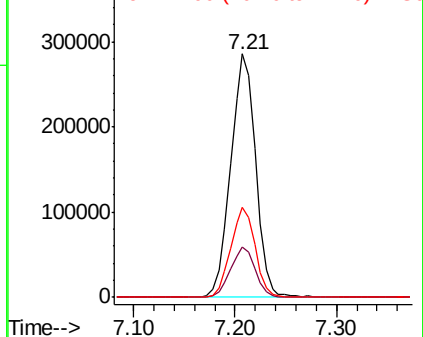
99 100

42 20.6 16.5 24.7

71 37.0 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. -0.02 min

Lab File: BG036776.D

Acq: 18 Sep 2018 6:40

Tgt Ion: 136 Resp: 245079

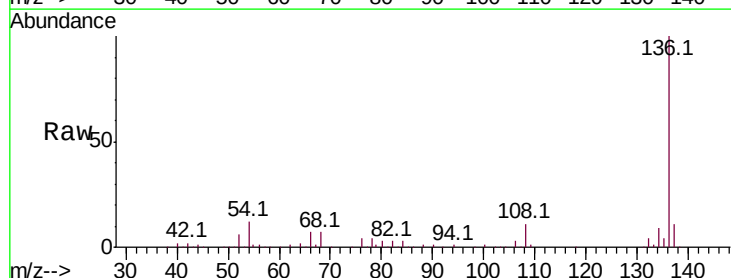
Ion Ratio Lower Upper

136 100

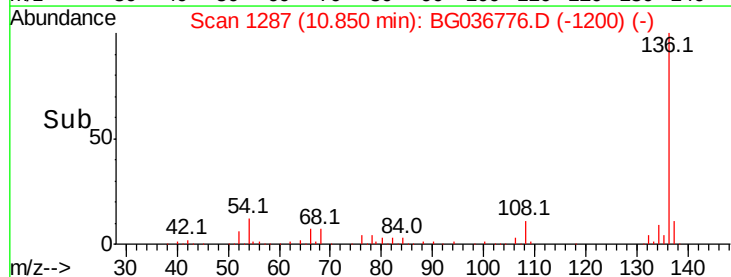
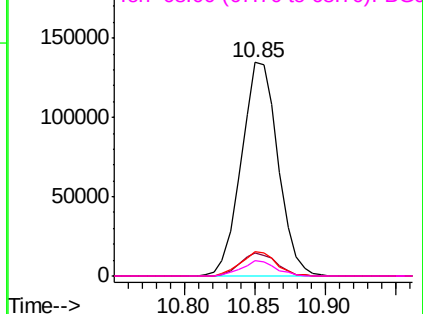
137 10.7 8.8 13.2

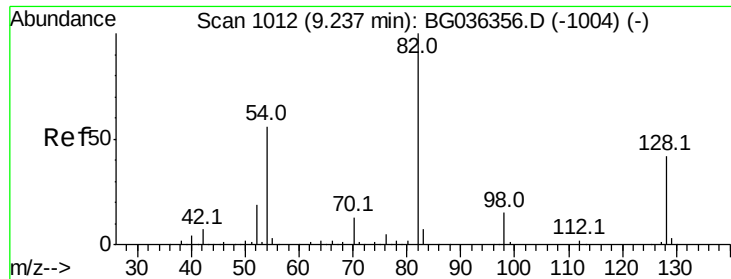
54 11.6 9.2 13.8

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

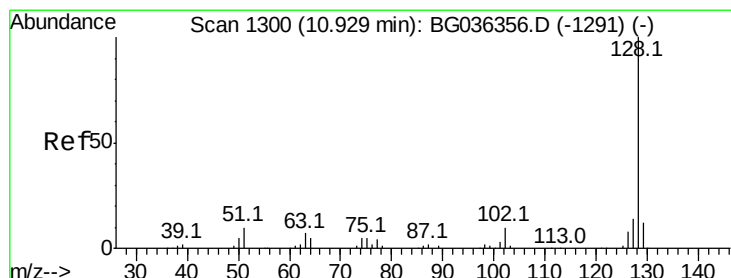
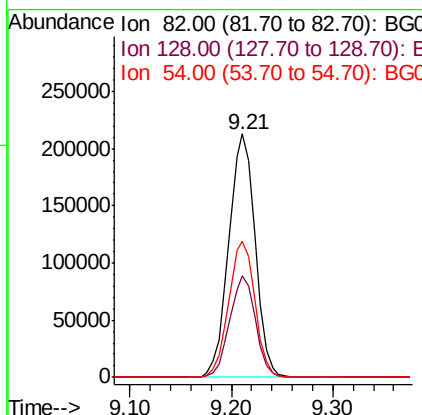
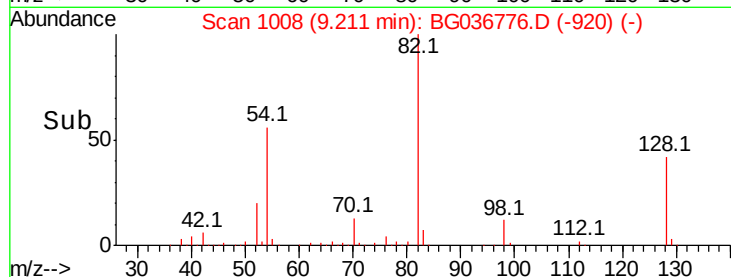
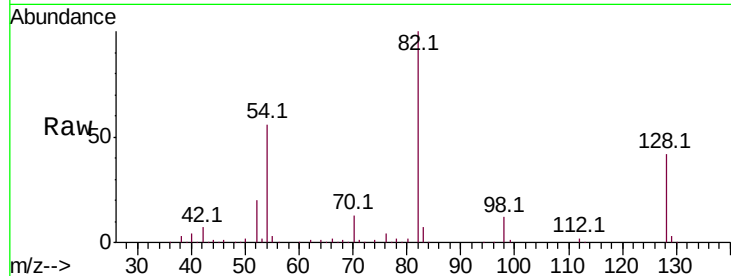




#23
 Nitrobenzene-d5
 Concen: 84.721 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BG036776.D
 Acq: 18 Sep 2018 6:40

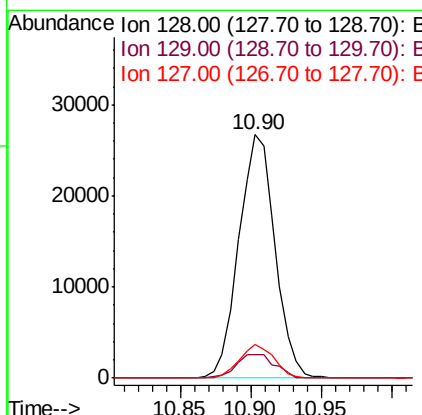
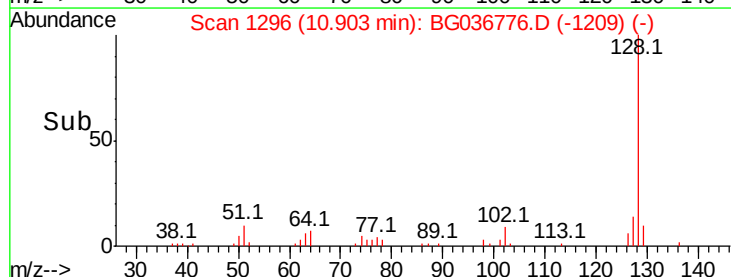
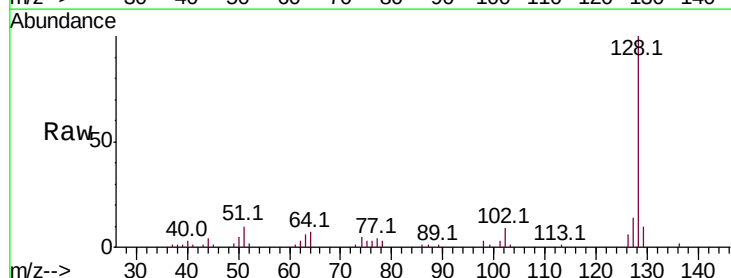
Instrument :
 BNA_G
 ClientSampled :
 SP-PIT-6

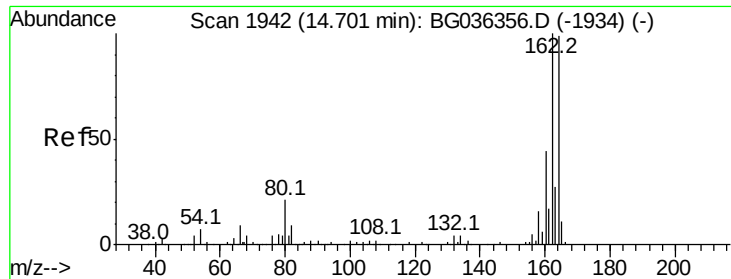
Tot Ion: 82 Resp: 382689
 Ion Ratio Lower Upper
 82 100
 128 41.8 33.3 49.9
 54 56.0 45.1 67.7



#31
 Naphthalene
 Concen: 3.897 ng
 RT: 10.90 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BG036776.D
 Acq: 18 Sep 2018 6:40

Tgt Ion: 128 Resp: 47746
 Ion Ratio Lower Upper
 128 100
 129 9.6 9.4 14.2
 127 13.7 11.0 16.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036776.D

Acq: 18 Sep 2018 6:40

Instrument :

BNA_G

ClientSampleId :

SP-PIT-6

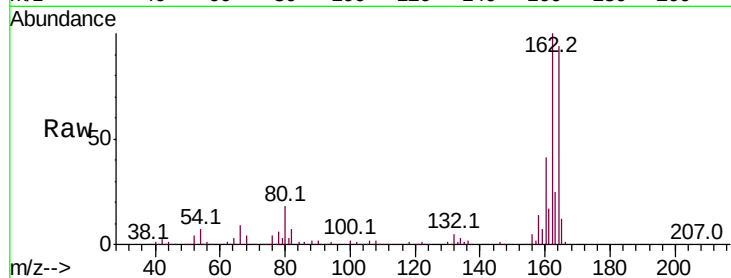
Tot Ion:164 Resp: 154865

Ion Ratio Lower Upper

164 100

162 106.3 80.7 121.1

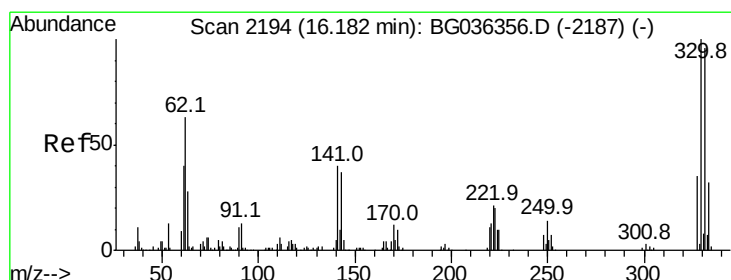
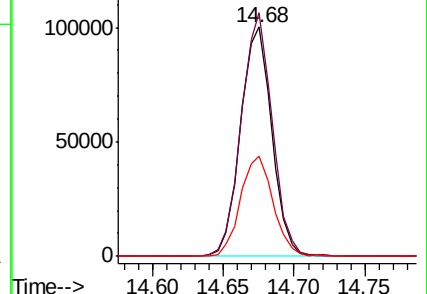
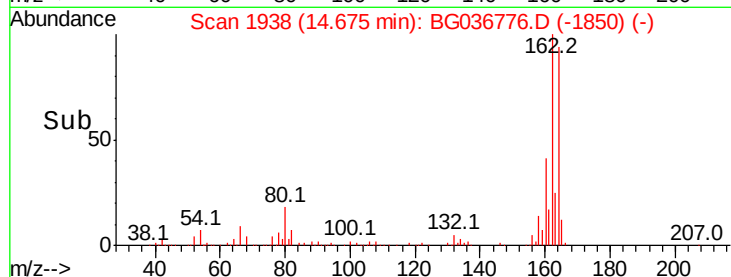
160 43.8 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 122.958 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036776.D

Acq: 18 Sep 2018 6:40

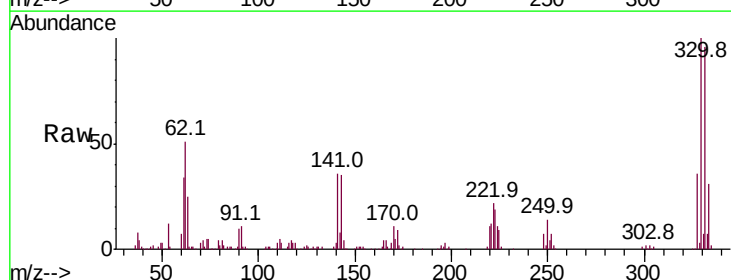
Tgt Ion:330 Resp: 227213

Ion Ratio Lower Upper

330 100

332 95.9 75.4 113.2

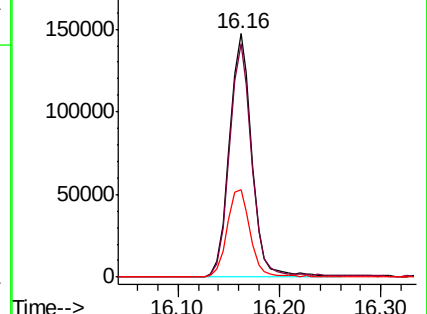
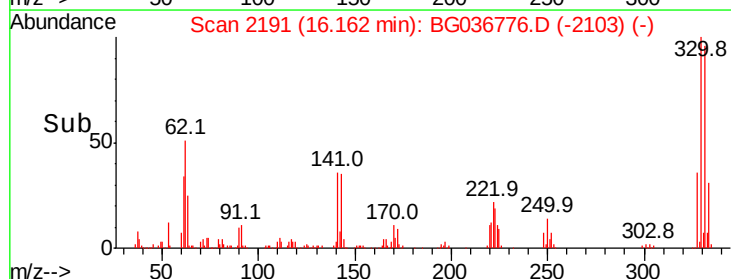
141 37.1 30.7 46.1

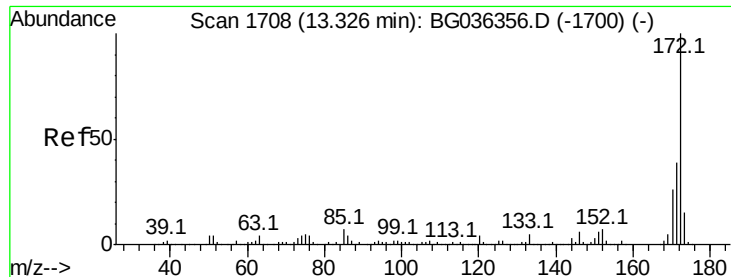


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

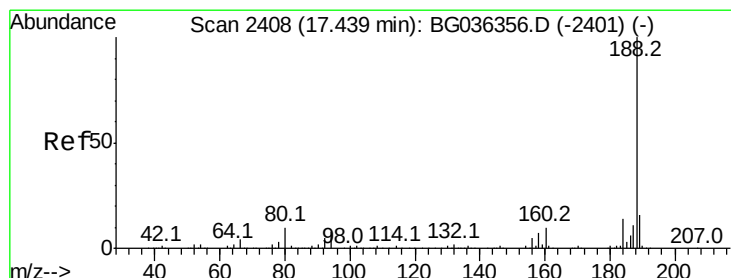
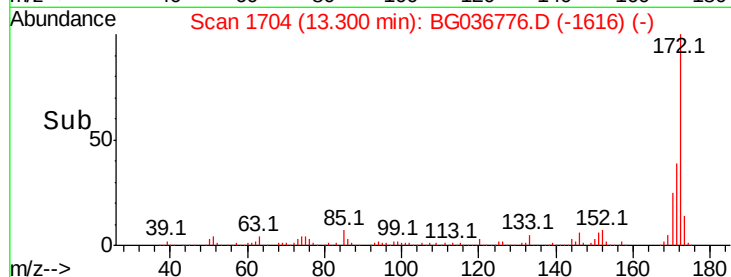
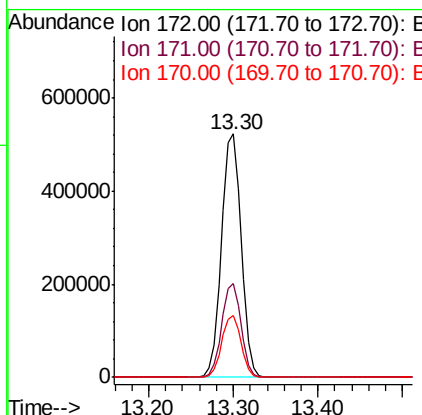
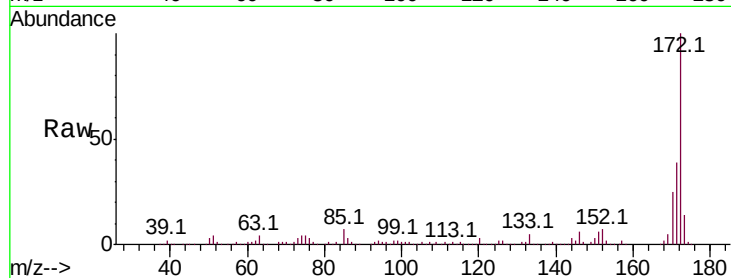




#44
 2-Fluorobiphenyl
 Concen: 78.193 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036776.D
 Acq: 18 Sep 2018 6:40

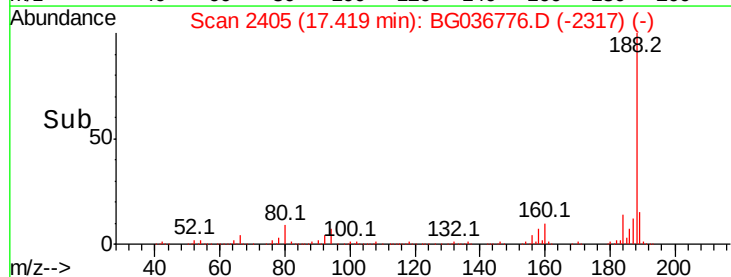
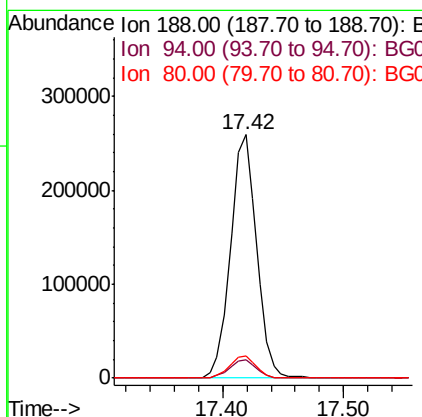
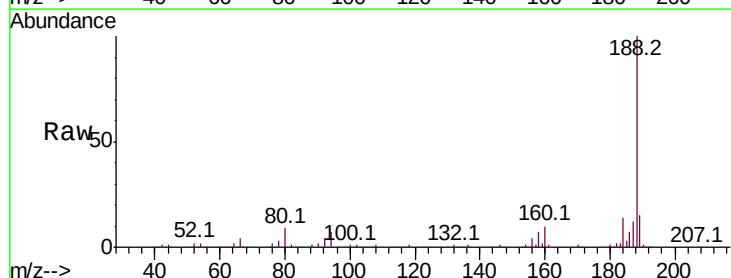
Instrument :
 BNA_G
 ClientSampleId :
 SP-PIT-6

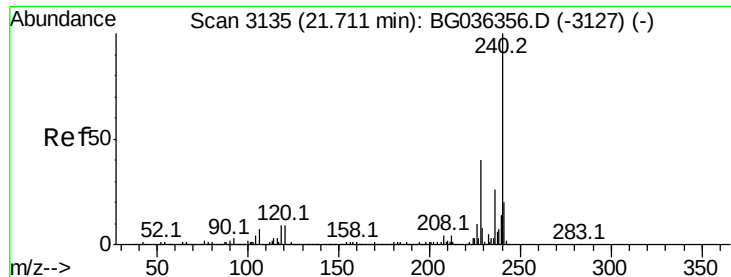
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.3	46.9
170	25.3	21.0	31.6



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036776.D
 Acq: 18 Sep 2018 6:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.7	10.1
80	8.9	8.1	12.1





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.02 min

Lab File: BG036776.D

Acq: 18 Sep 2018 6:40

Instrument :

BNA_G

ClientSampleId :

SP-PIT-6

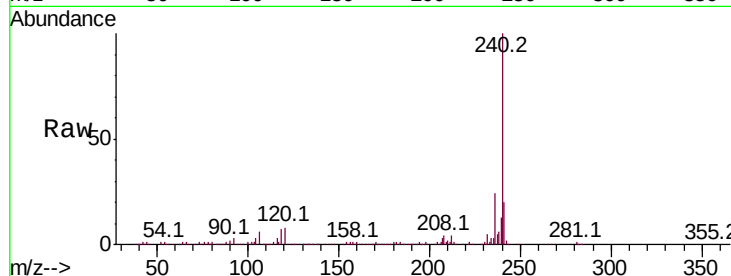
Tot Ion:240 Resp: 410831

Ion Ratio Lower Upper

240 100

120 7.9 6.9 10.3

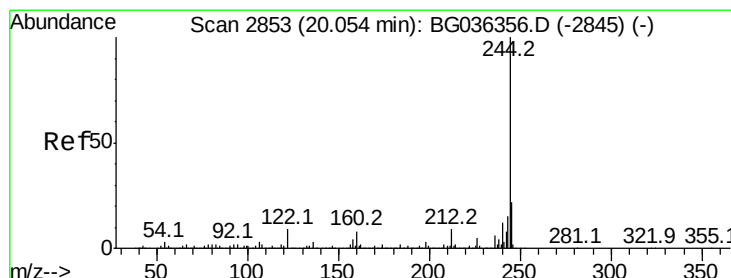
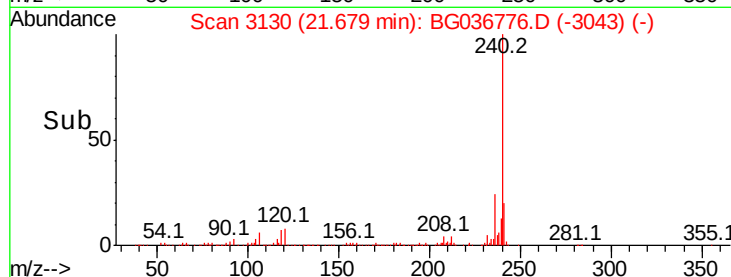
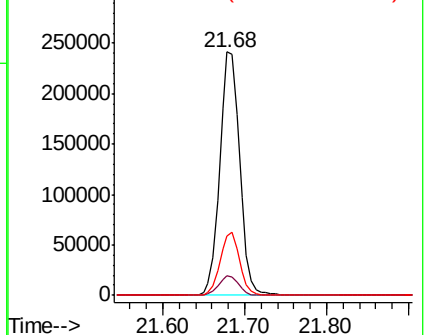
236 24.4 21.2 31.8



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: 79.053 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036776.D

Acq: 18 Sep 2018 6:40

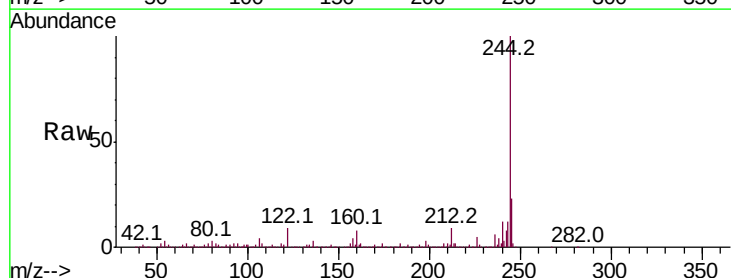
Tgt Ion:244 Resp: 1389504

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

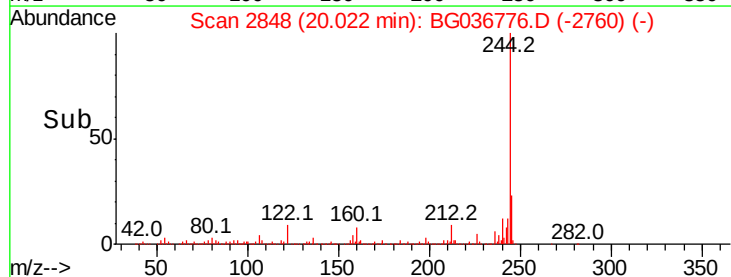
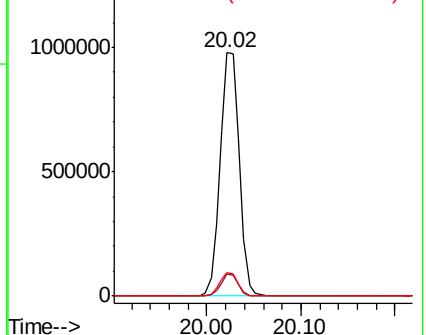
122 9.4 7.1 10.7

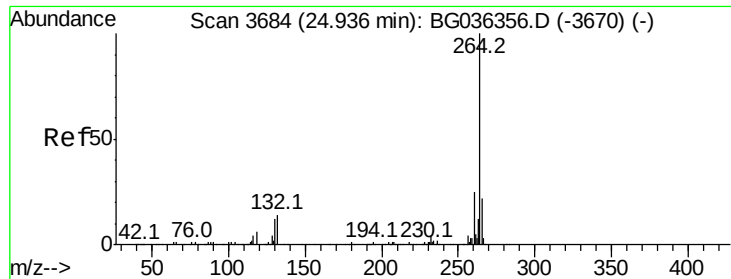


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

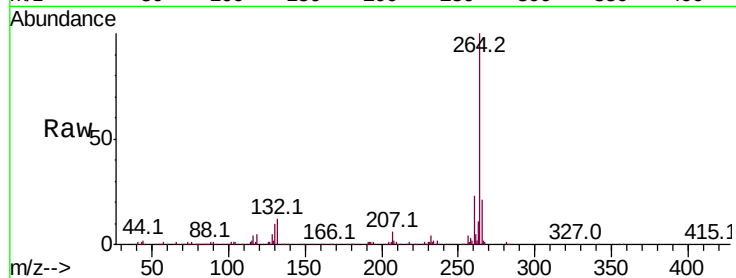




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.02 min
Lab File: BG036776.D
Acq: 18 Sep 2018 6:40

Instrument :
BNA_G
ClientSampleId :
SP-PIT-6

Tot Ion:	264	Resp:	397360
Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.6	29.4
265	21.5	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

