

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100518\
 Data File : BG037176.D
 Acq On : 5 Oct 2018 6:05
 Operator : JU/SJ
 Sample : J5218-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 280-356

Quant Time: Oct 05 08:48:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

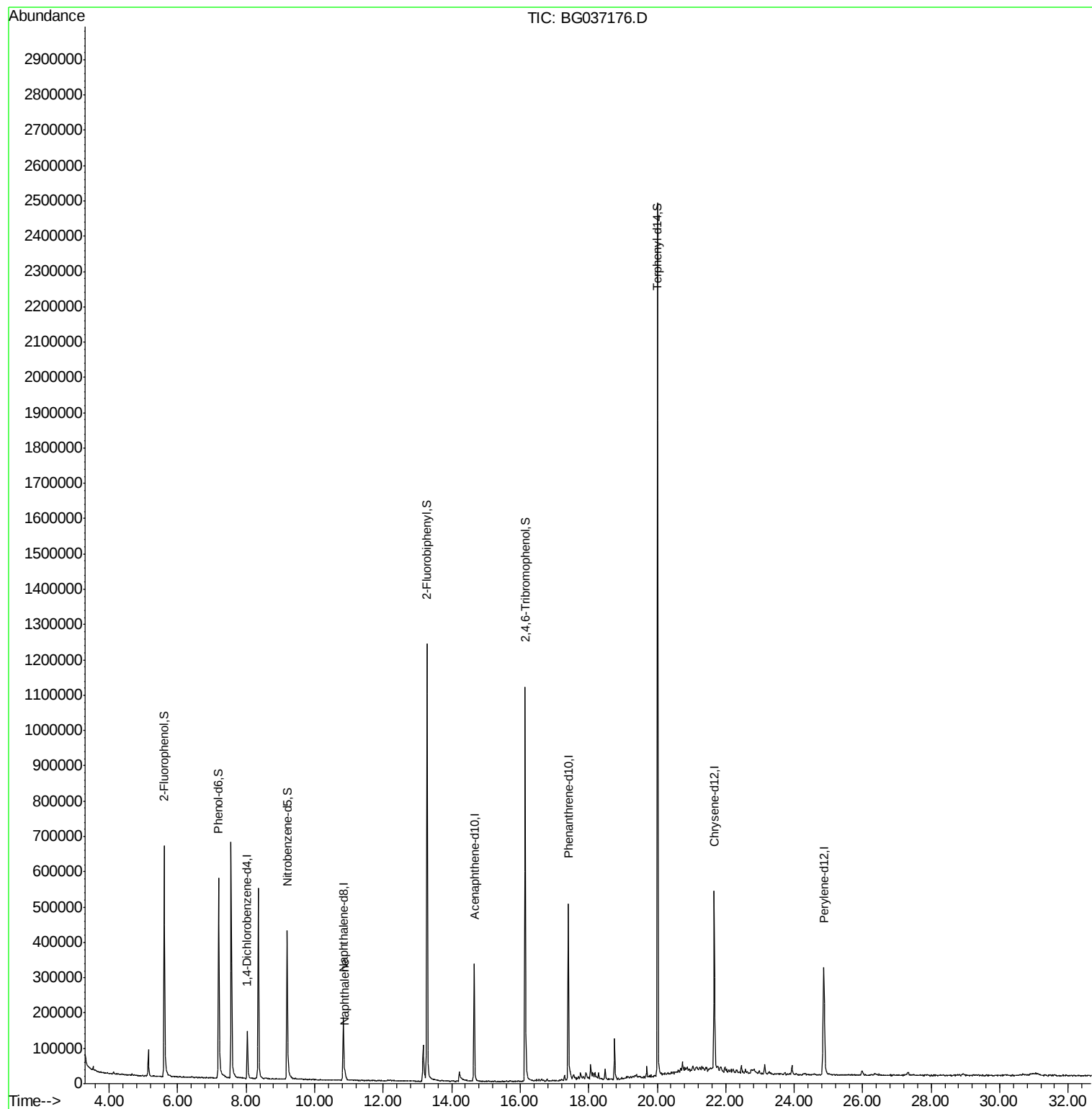
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	44260	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	184554	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	120413	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	333018	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	337777	20.00	ng	-0.02
86) Perylene-d12	24.86	264	341956	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	303978	131.71	ng	-0.02
7) Phenol-d6	7.20	99	379040	106.15	ng	-0.02
23) Nitrobenzene-d5	9.19	82	309066	89.68	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	212610	147.58	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	650388	80.45	ng	-0.02
78) Terphenyl-d14	20.01	244	1211342	94.30	ng	-0.02
Target Compounds						
31) Naphthalene	10.89	128	19192	2.186	ng	Qvalue # 95

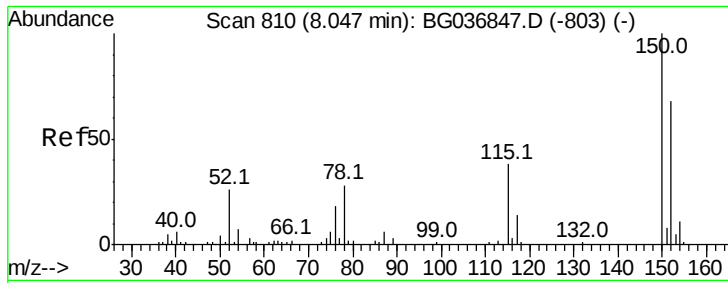
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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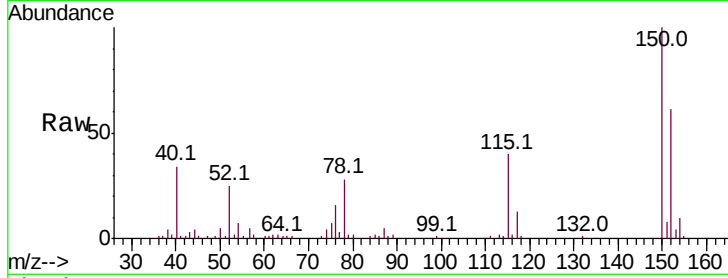


#1

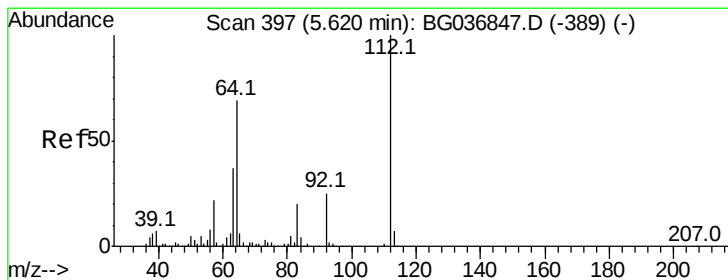
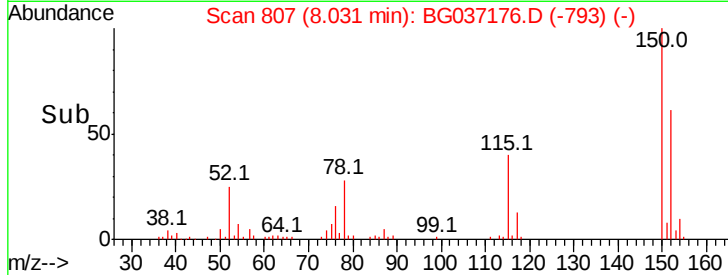
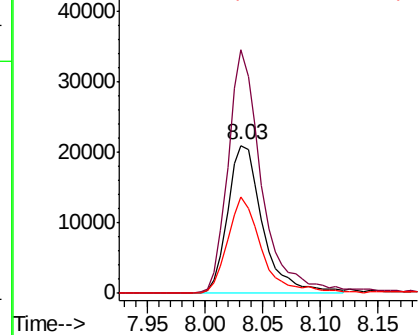
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.02 min
Lab File: BG037176.D
Acq: 5 Oct 2018 6:05

Instrument :
BNA_G
ClientSampleId :
280-356

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.6	119.5	179.3
115	65.5	44.5	66.7



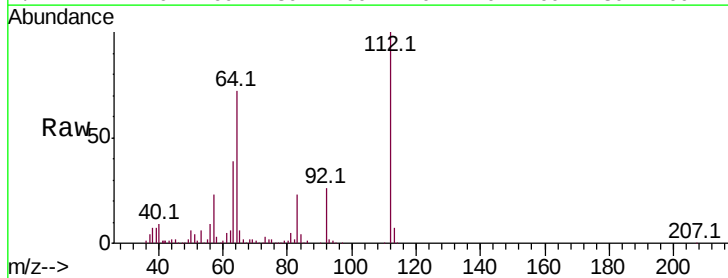
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



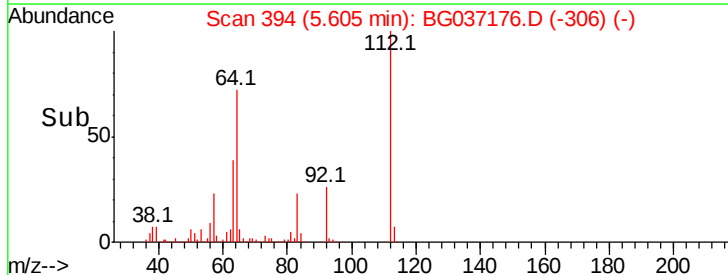
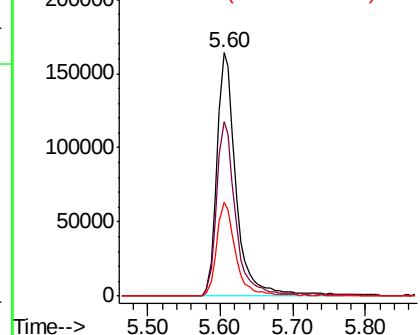
#5

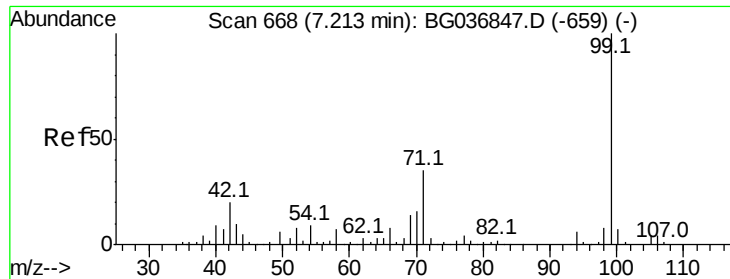
2-Fluorophenol
Concen: 131.713 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.02 min
Lab File: BG037176.D
Acq: 5 Oct 2018 6:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.9	57.2	85.8
63	38.5	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: 106.154 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037176.D

Acq: 5 Oct 2018 6:05

Instrument :

BNA_G

ClientSampleId :

280-356

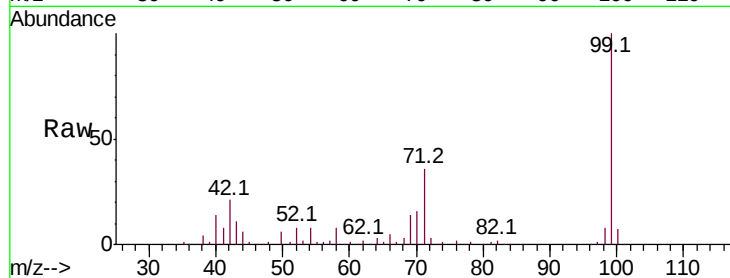
Tot Ion: 99 Resp: 379040

Ion Ratio Lower Upper

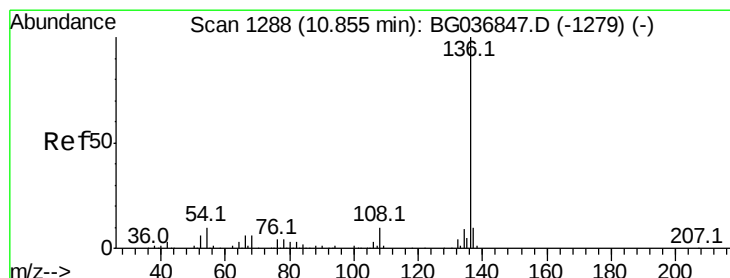
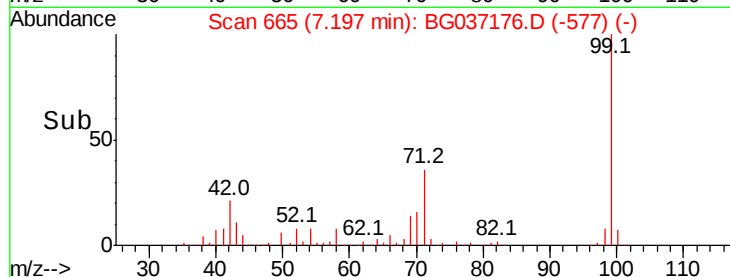
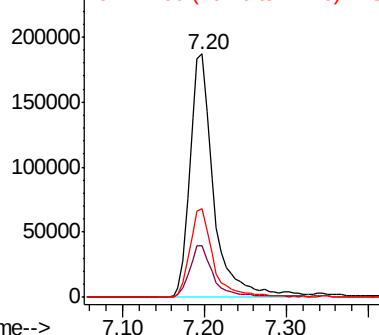
99 100

42 21.0 16.5 24.7

71 36.4 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: 10.83 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BG037176.D

Acq: 5 Oct 2018 6:05

Tgt Ion:136 Resp: 184554

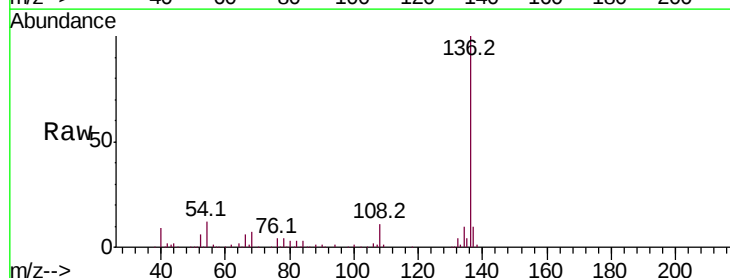
Ion Ratio Lower Upper

136 100

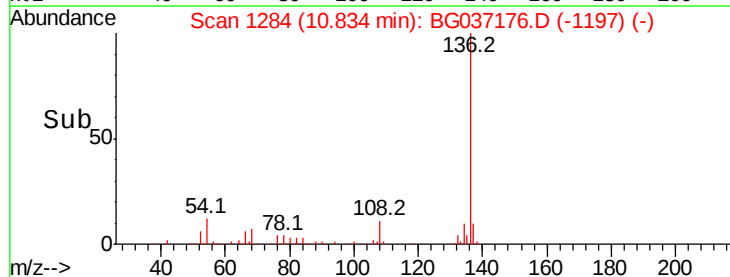
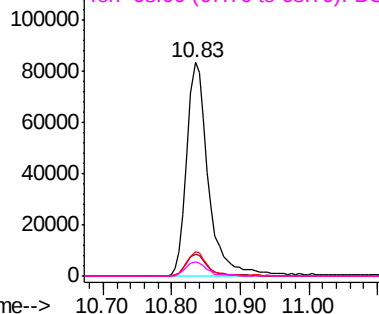
137 10.5 8.8 13.2

54 11.6 9.2 13.8

68 6.8 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

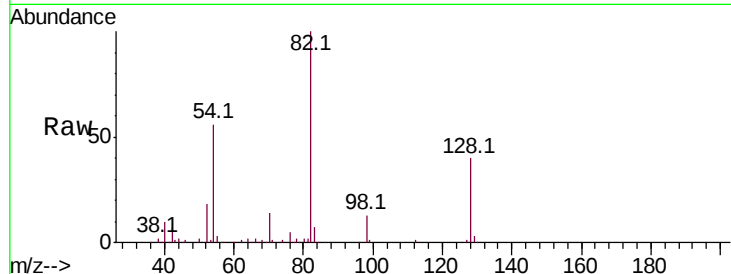




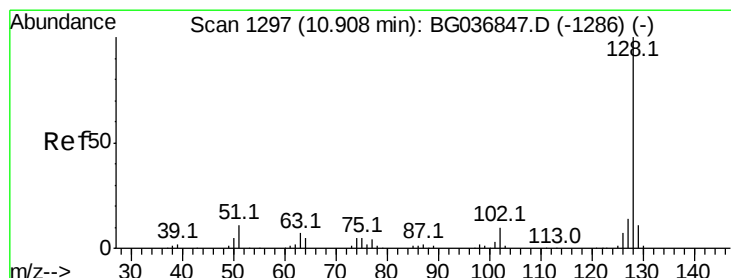
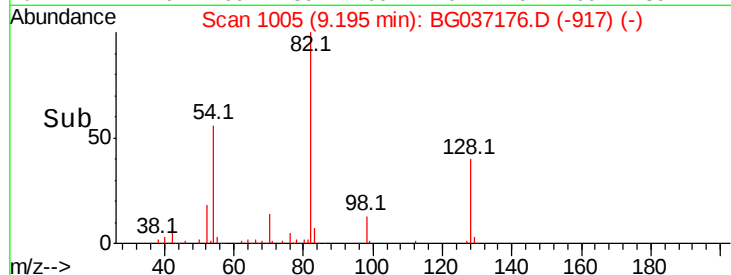
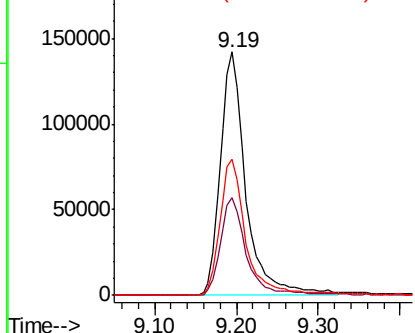
#23
Nitrobenzene-d5
Concen: 89.680 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037176.D
Acq: 5 Oct 2018 6:05

Instrument :
BNA_G
ClientSampleId :
280-356

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.1	33.3	49.9
54	56.1	45.1	67.7

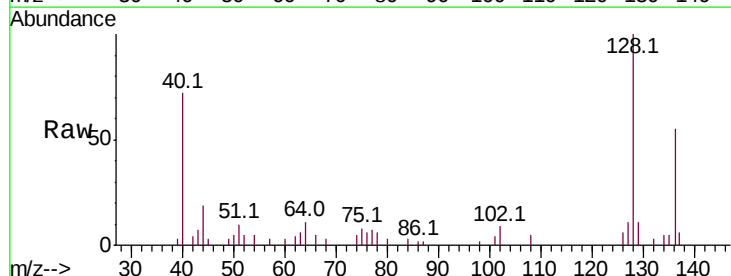


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

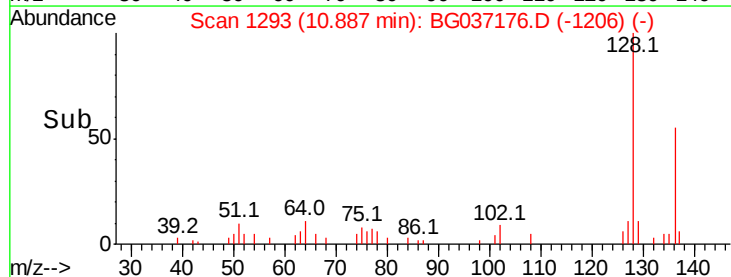
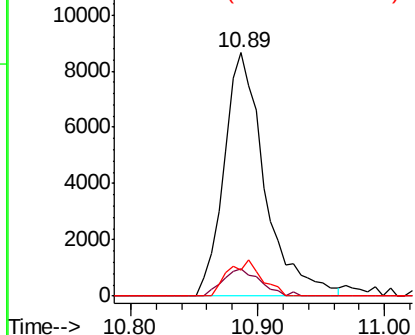


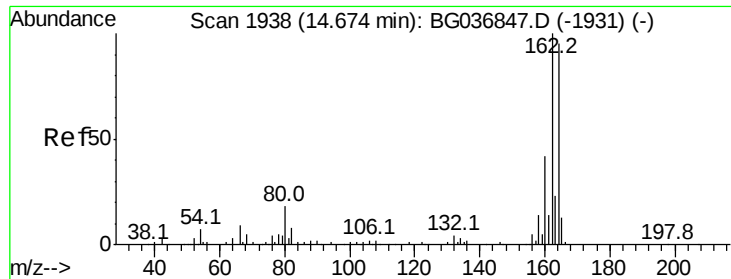
#31
Naphthalene
Concen: 2.186 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.02 min
Lab File: BG037176.D
Acq: 5 Oct 2018 6:05

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.2
127	10.6	11.0	16.4#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1935

Delta R.T. -0.02 min

Lab File: BG037176.D

Acq: 5 Oct 2018 6:05

Instrument :

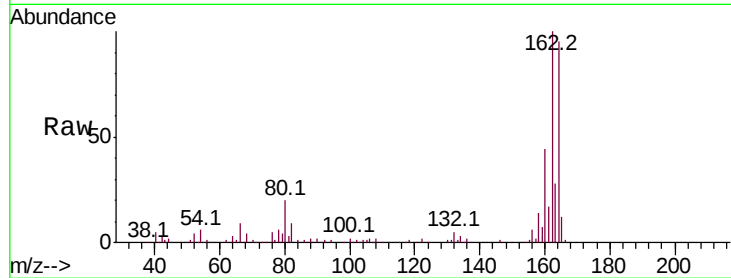
BNA_G

ClientSampleId :

280-356

Tot Ion:164 Resp: 120413

Ion	Ratio	Lower	Upper
164	100		
162	105.2	80.7	121.1
160	45.9	35.3	52.9

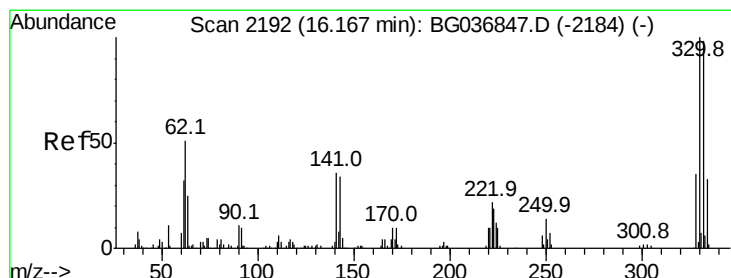
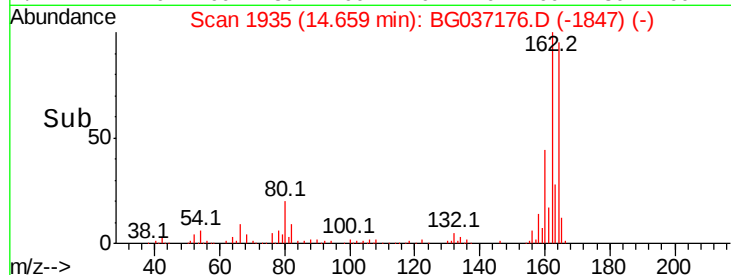
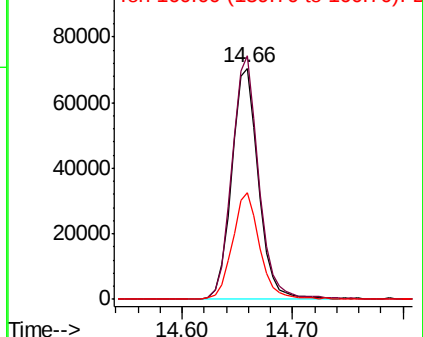


Abundance

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: 147.577 ng

RT: 16.15 min Scan# 2188

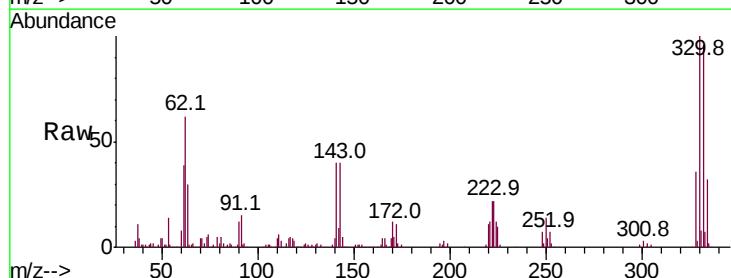
Delta R.T. -0.02 min

Lab File: BG037176.D

Acq: 5 Oct 2018 6:05

Tgt Ion:330 Resp: 212610

Ion	Ratio	Lower	Upper
330	100		
332	94.8	75.4	113.2
141	40.1	30.7	46.1

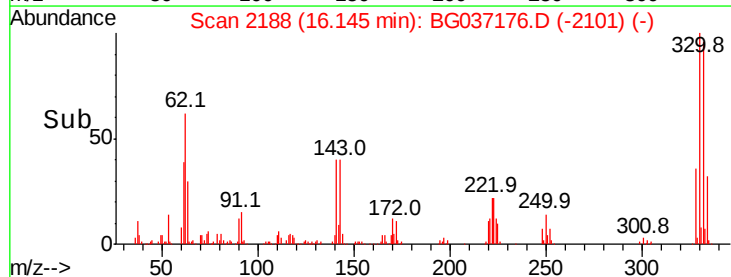
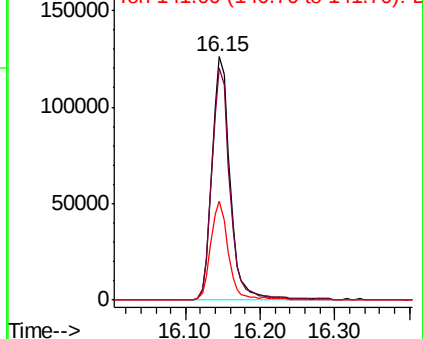


Abundance

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

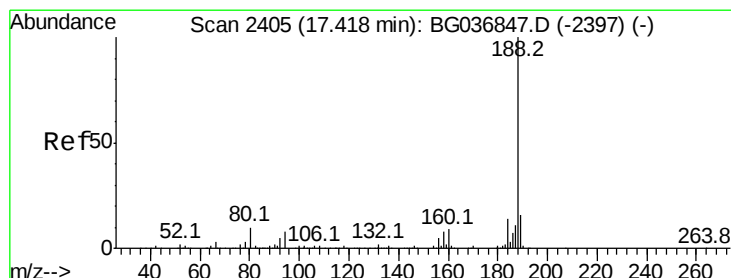
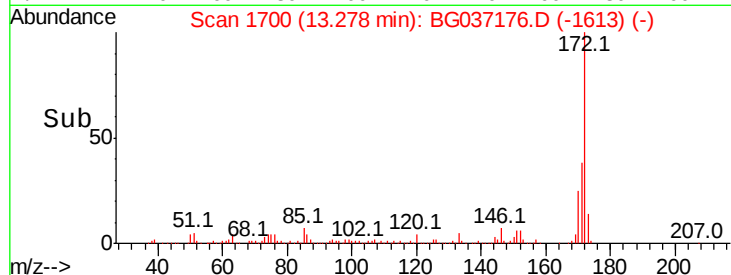
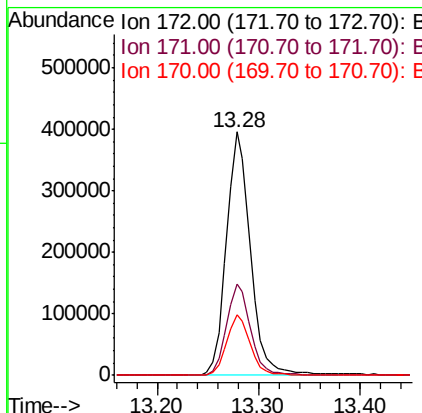
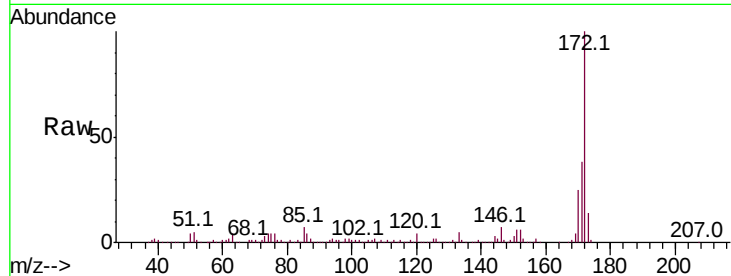




#44
 2-Fluorobiphenyl
 Concen: 80.447 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG037176.D
 Acq: 5 Oct 2018 6:05

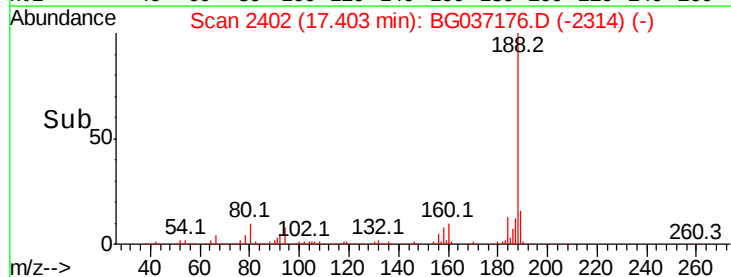
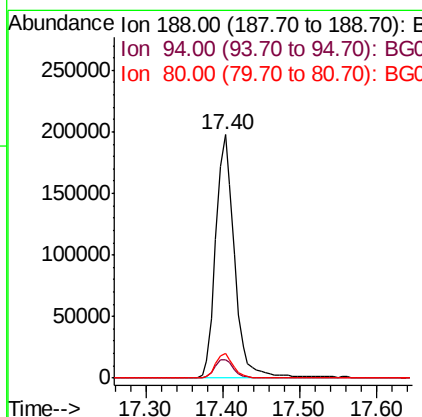
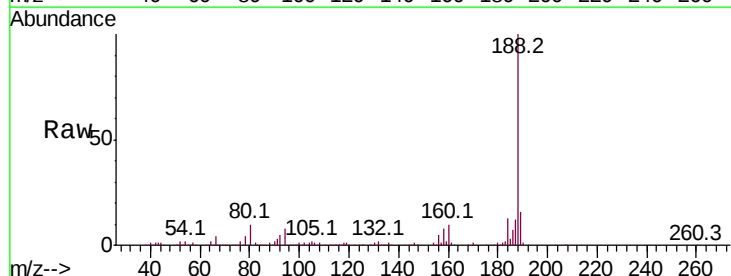
Instrument :
 BNA_G
 ClientSampled :
 280-356

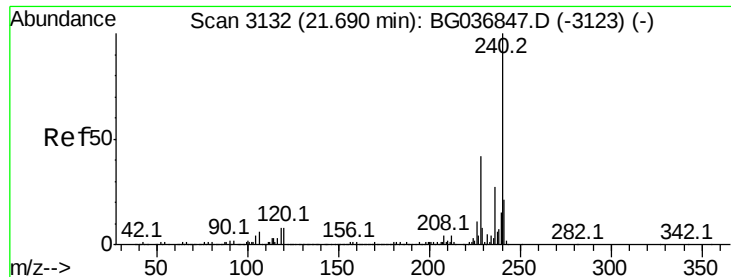
Tot Ion:172 Resp: 650388
 Ion Ratio Lower Upper
 172 100
 171 37.5 31.3 46.9
 170 25.0 21.0 31.6



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2402
 Delta R.T. -0.02 min
 Lab File: BG037176.D
 Acq: 5 Oct 2018 6:05

Tgt Ion:188 Resp: 333018
 Ion Ratio Lower Upper
 188 100
 94 7.5 6.7 10.1
 80 10.3 8.1 12.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BG037176.D

Acq: 5 Oct 2018 6:05

Instrument :

BNA_G

ClientSampleId :

280-356

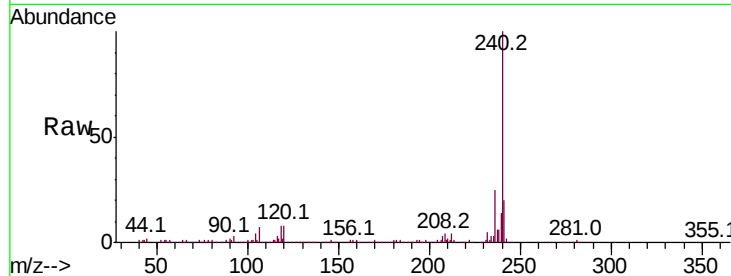
Tot Ion:240 Resp: 337777

Ion Ratio Lower Upper

240 100

120 8.3 6.9 10.3

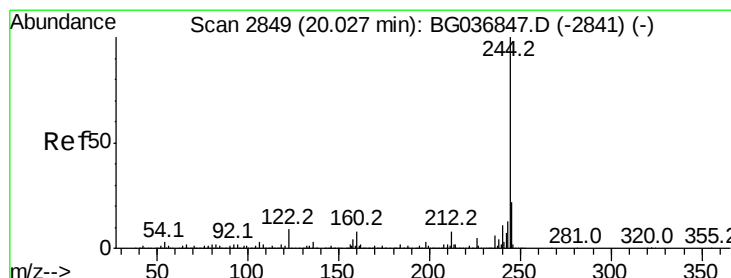
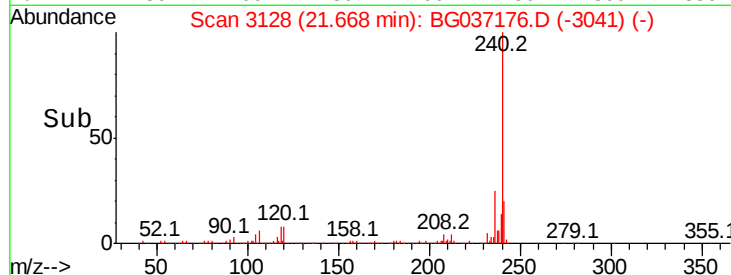
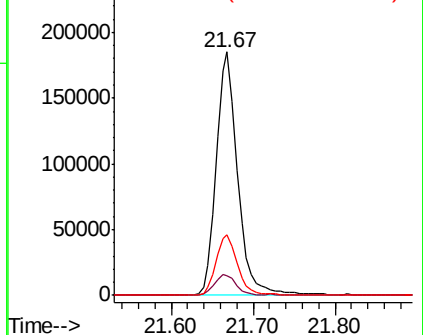
236 24.6 21.2 31.8



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: 94.299 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BG037176.D

Acq: 5 Oct 2018 6:05

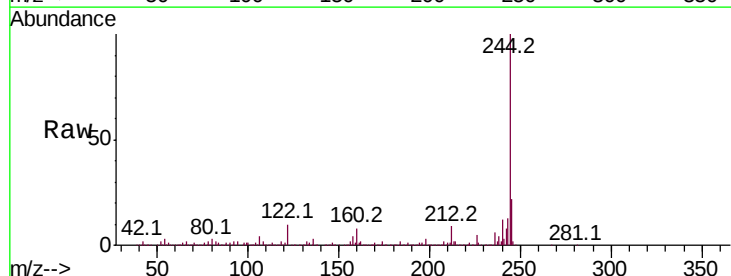
Tgt Ion:244 Resp: 1211342

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

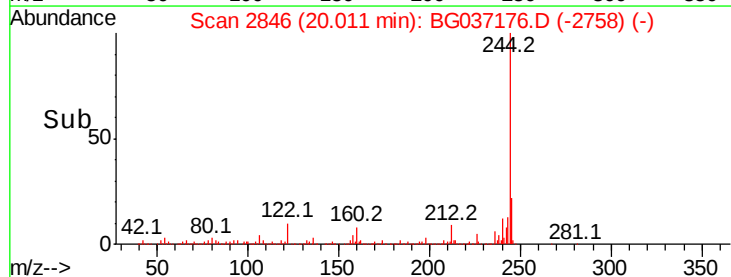
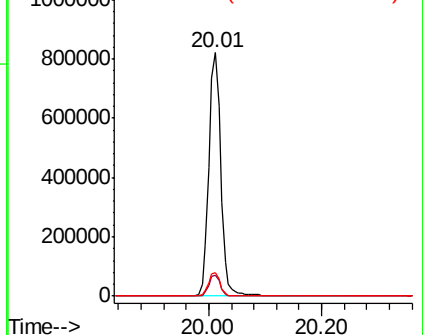
122 9.6 7.1 10.7

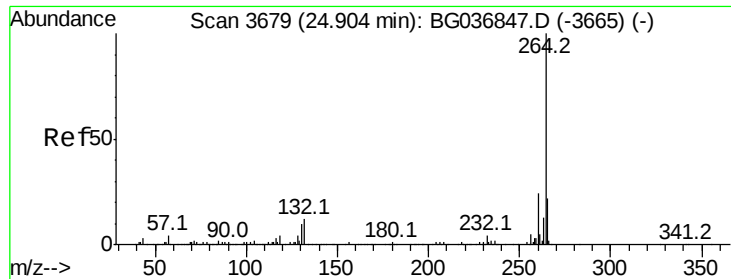


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.86 min Scan# 3672
 Delta R.T. -0.04 min
 Lab File: BG037176.D
 Acq: 5 Oct 2018 6:05

Instrument :
 BNA_G
 ClientSampleId :
 280-356

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	21.5	17.4	26.0

