

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072018\
 Data File : BG035812.D
 Acq On : 21 Jul 2018 9:44
 Operator : JU/SJ
 Sample : J4062-36
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-11

Quant Time: Jul 23 01:47:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 15:28:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	43996	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	149073	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	102696	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	282550	20.00	ng	0.00
75) Chrysene-d12	21.66	240	330483	20.00	ng	0.00
86) Perylene-d12	24.86	264	310253	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	340077	128.33	ng	0.00
7) Phenol-d6	7.20	99	422915	106.97	ng	0.00
23) Nitrobenzene-d5	9.19	82	355278	99.56	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	218532	161.45	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	796515	103.91	ng	0.00
78) Terphenyl-d14	20.00	244	1568572	104.62	ng	0.00

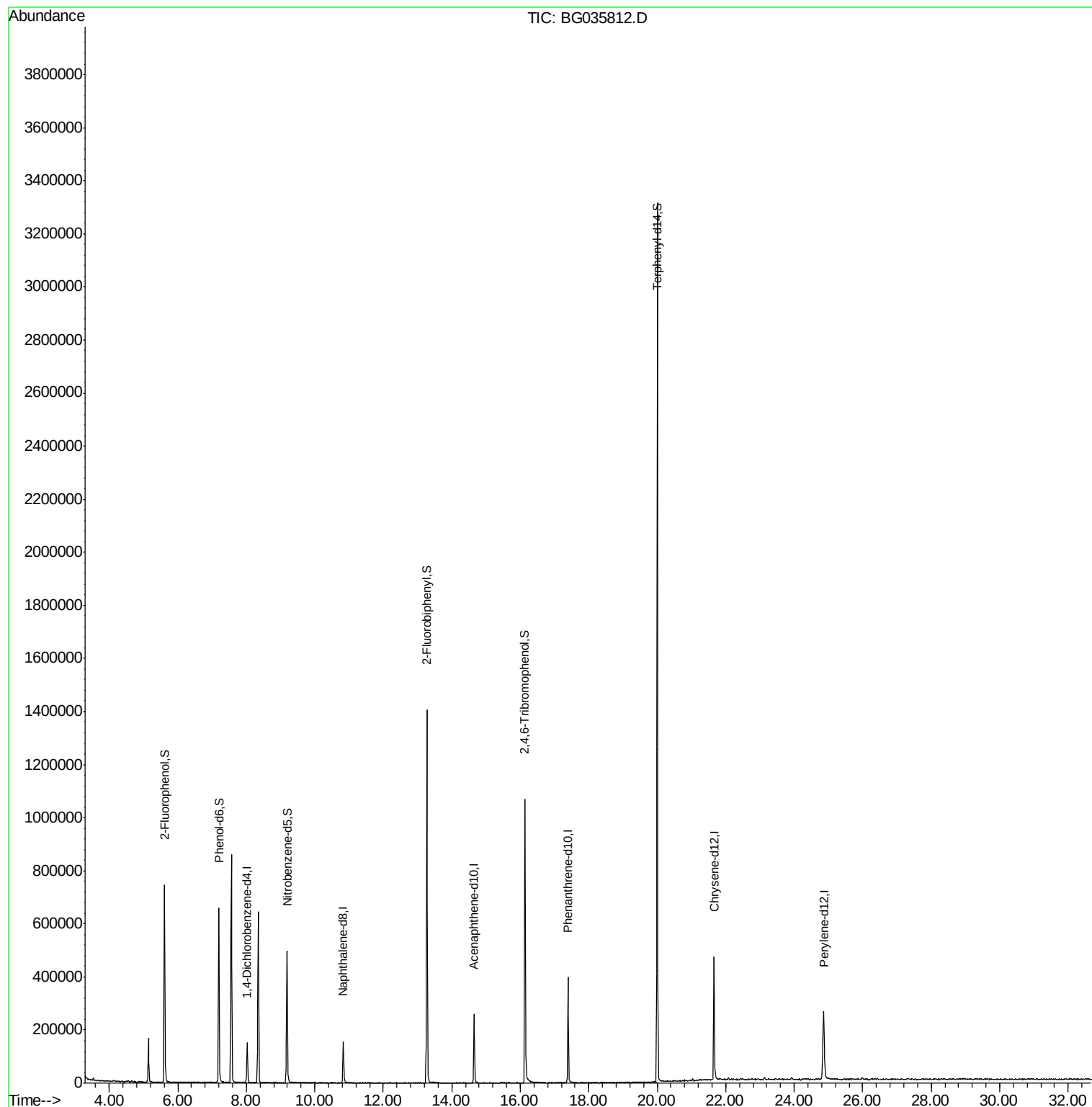
Target Compounds Qvalue

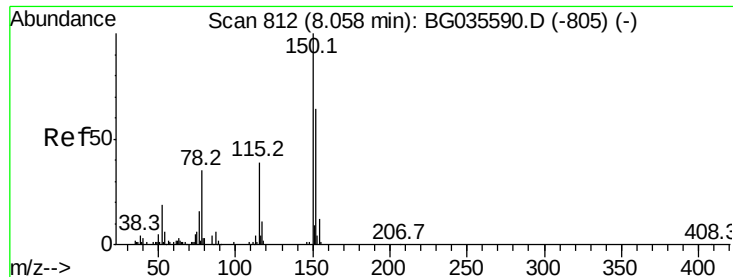
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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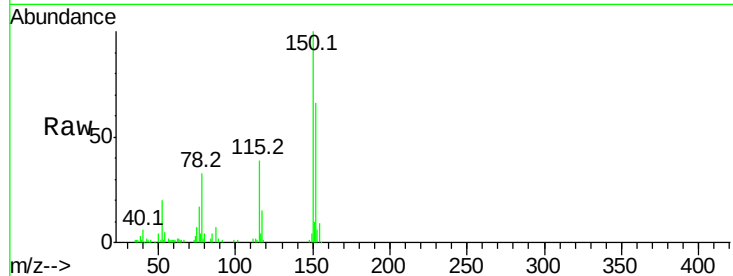


#1

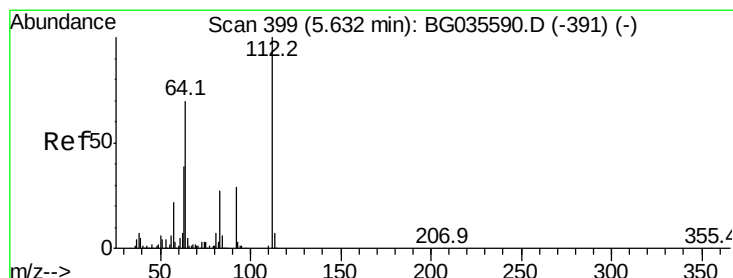
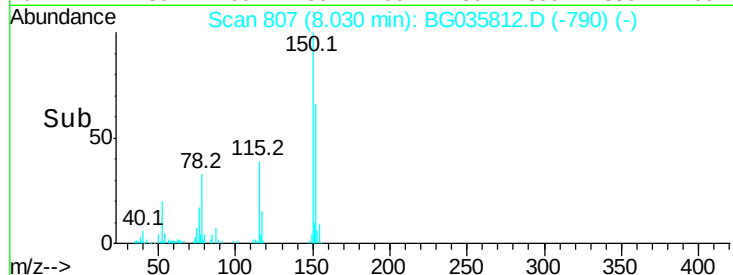
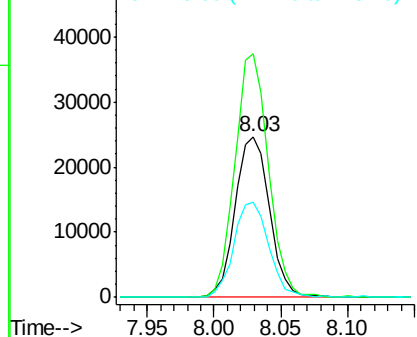
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035812.D
Acq: 21 Jul 2018 9:44

Instrument :
BNA_G
ClientSampleId :
TP-11

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	126.6	189.8
115	58.9	53.0	79.4



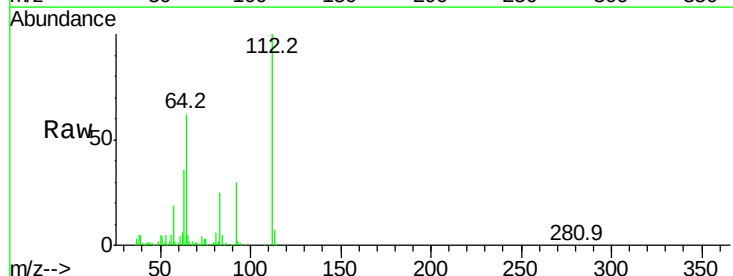
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



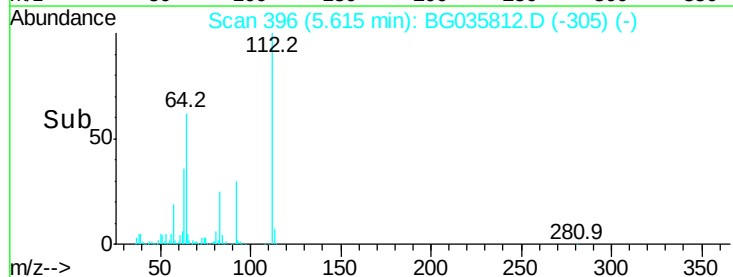
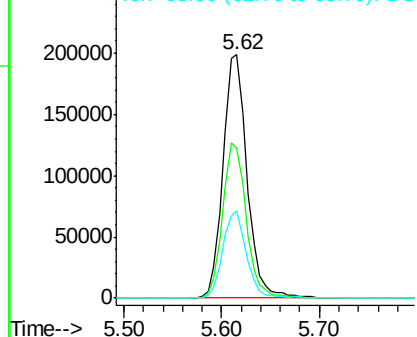
#5

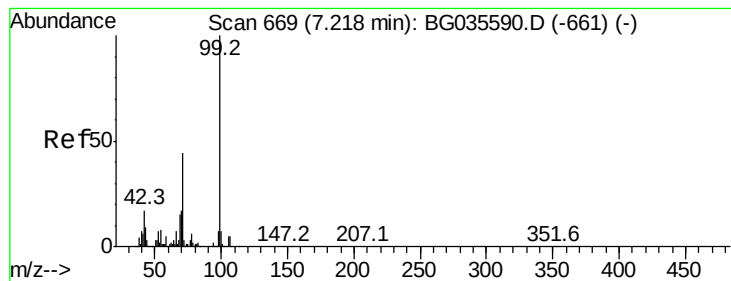
2-Fluorophenol
Concen: 128.332 ng
RT: 5.62 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG035812.D
Acq: 21 Jul 2018 9:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	56.3	84.5
63	36.0	30.1	45.1



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: 106.966 ng

RT: 7.20 min Scan# 666

Delta R.T. 0.00 min

Lab File: BG035812.D

Acq: 21 Jul 2018 9:44

Instrument :

BNA_G

ClientSampleId :

TP-11

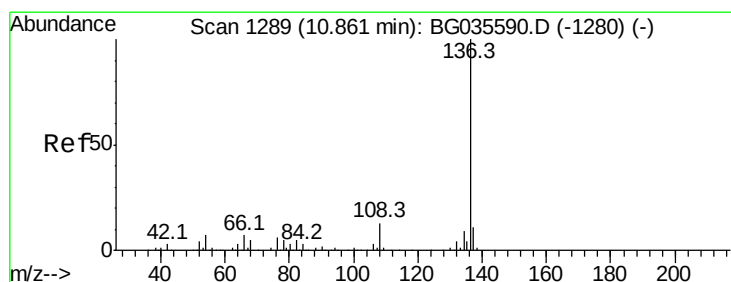
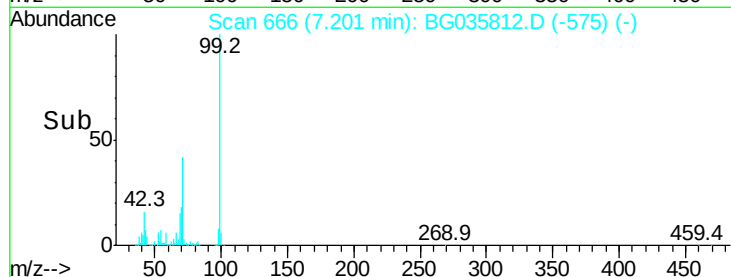
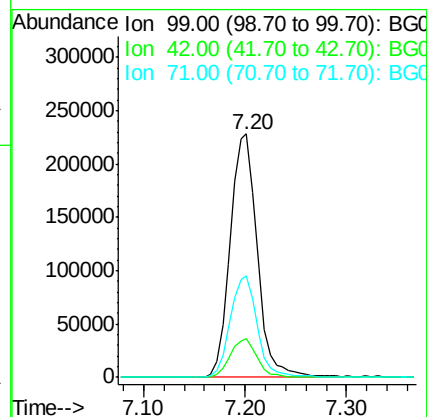
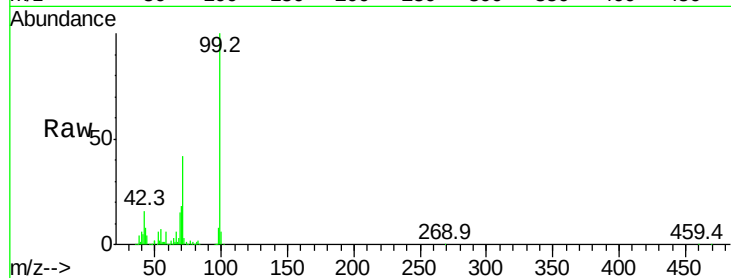
Tot Ion: 99 Resp: 422915

Ion Ratio Lower Upper

99 100

42 16.0 14.1 21.1

71 42.0 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BG035812.D

Acq: 21 Jul 2018 9:44

Tgt Ion: 136 Resp: 149073

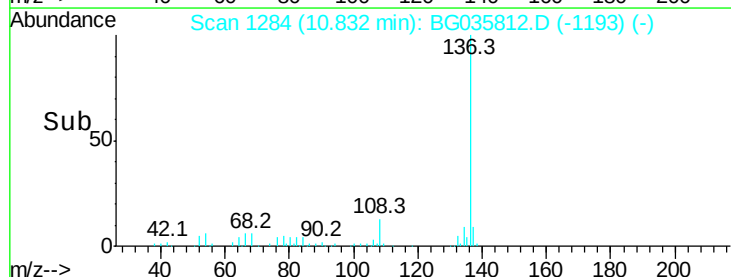
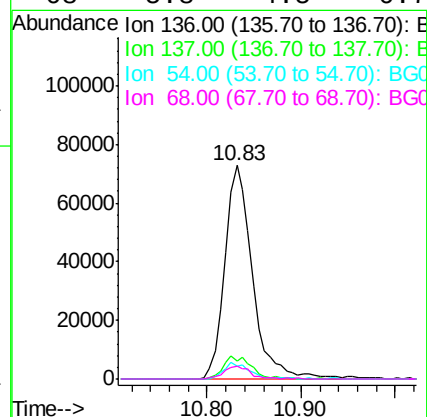
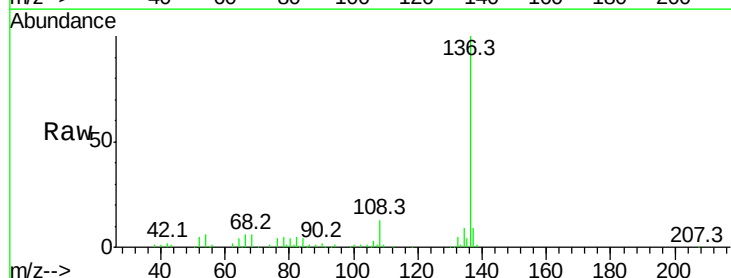
Ion Ratio Lower Upper

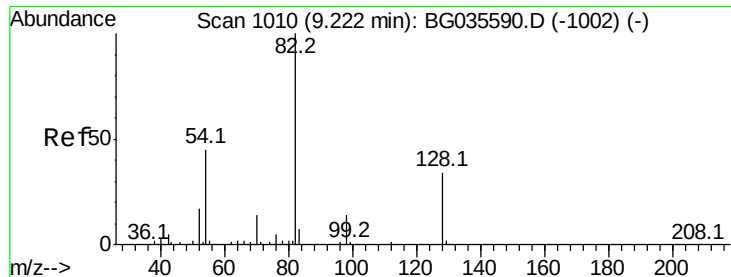
136 100

137 8.7 9.2 13.8#

54 6.0 10.3 15.5#

68 5.8 4.5 6.7

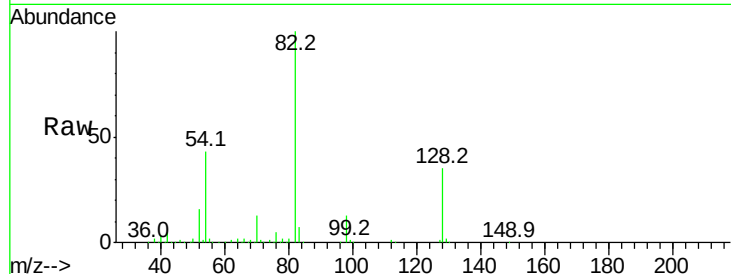




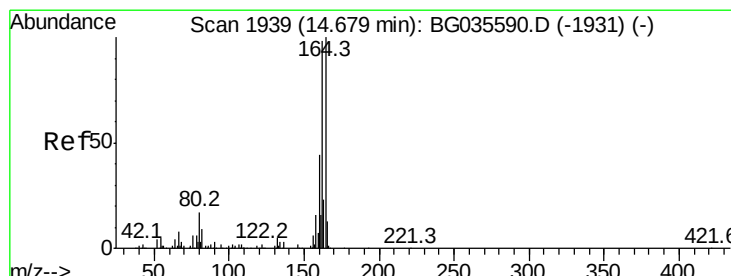
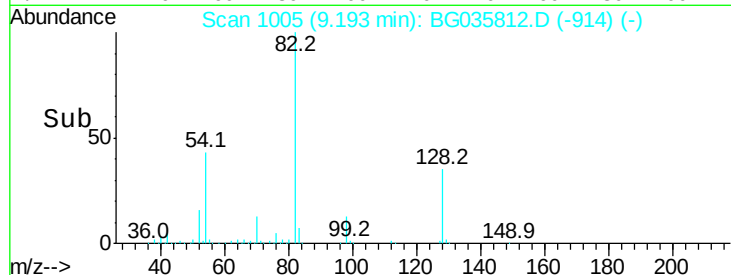
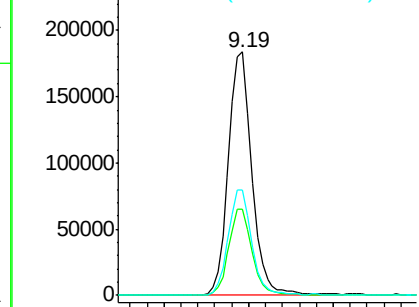
#23
 Nitrobenzene-d5
 Concen: 99.560 ng
 RT: 9.19 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BG035812.D
 Acq: 21 Jul 2018 9:44

Instrument :
 BNA_G
 ClientSampleId :
 TP-11

Tot Ion	82	Resp	355278
Ion Ratio	Lower	Upper	
82	100		
128	35.5	29.7	44.5
54	43.1	43.1	64.7

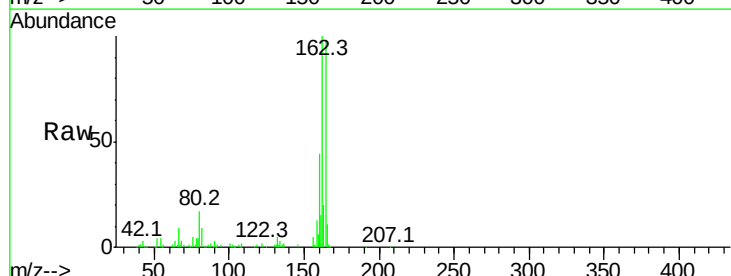


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

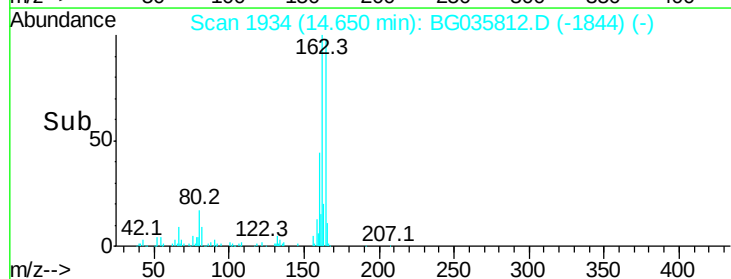
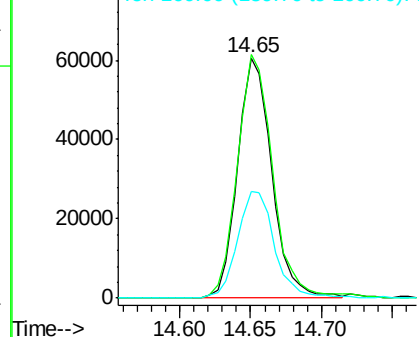


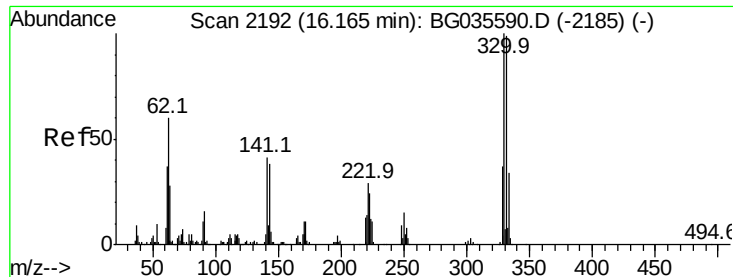
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG035812.D
 Acq: 21 Jul 2018 9:44

Tgt Ion	164	Resp	102696
Ion Ratio	Lower	Upper	
164	100		
162	101.5	78.8	118.2
160	44.4	35.4	53.0



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

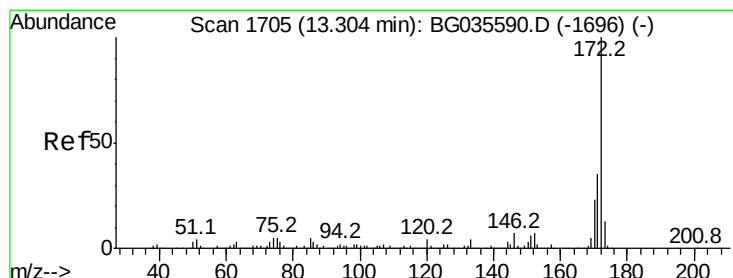
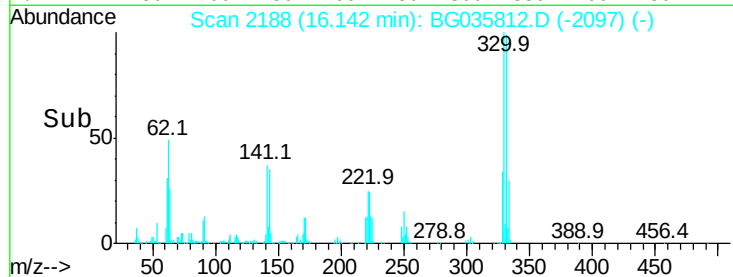
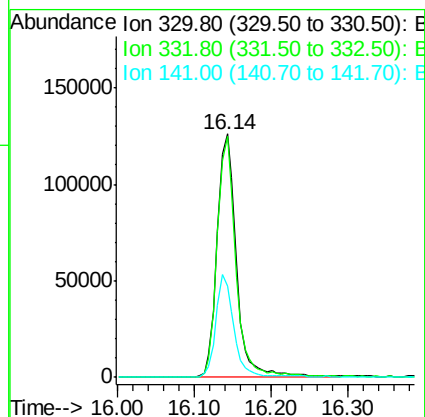
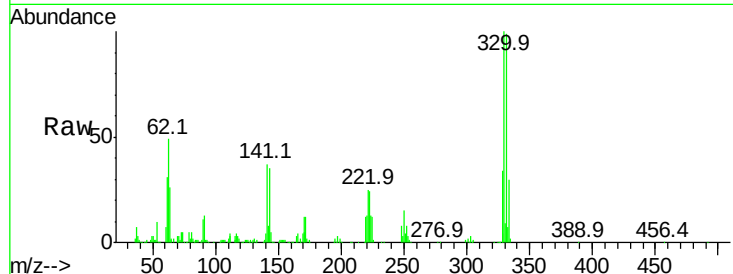




#41
 2,4,6-Tribromophenol
 Concen: 161.445 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: BG035812.D
 Acq: 21 Jul 2018 9:44

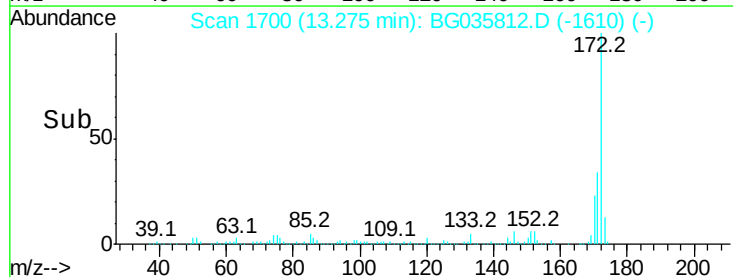
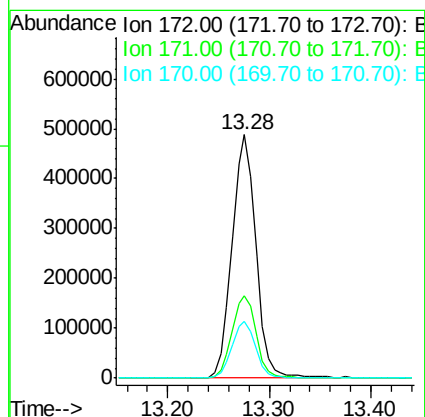
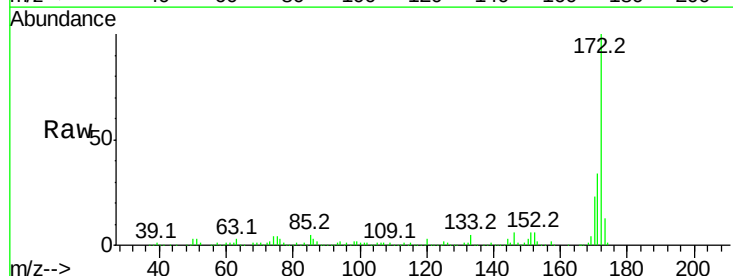
Instrument :
 BNA_G
 ClientSampleId :
 TP-11

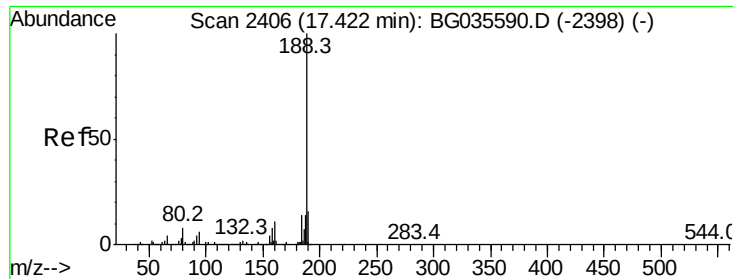
Tot Ion:330 Resp: 218532
 Ion Ratio Lower Upper
 330 100
 332 93.9 77.0 115.6
 141 39.3 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 103.911 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG035812.D
 Acq: 21 Jul 2018 9:44

Tgt Ion:172 Resp: 796515
 Ion Ratio Lower Upper
 172 100
 171 33.7 30.0 45.0
 170 23.2 19.5 29.3

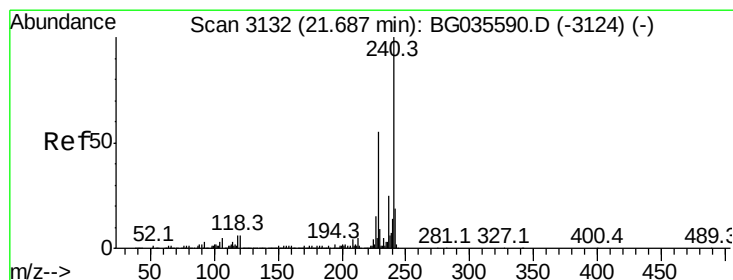
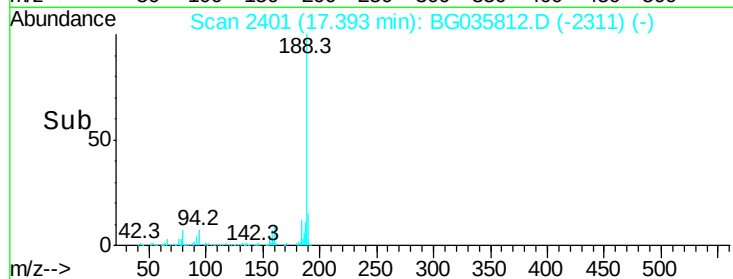
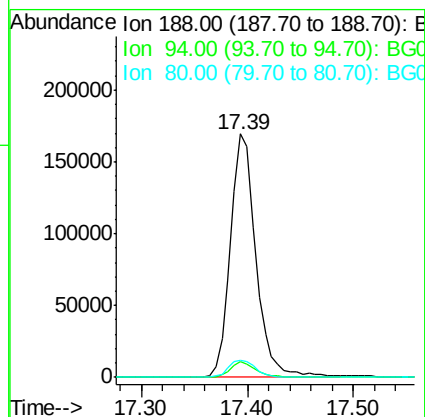
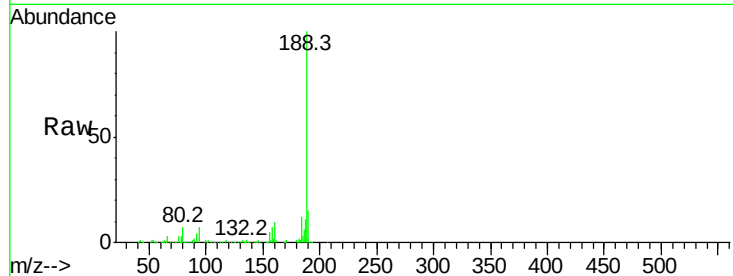




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035812.D
Acq: 21 Jul 2018 9:44

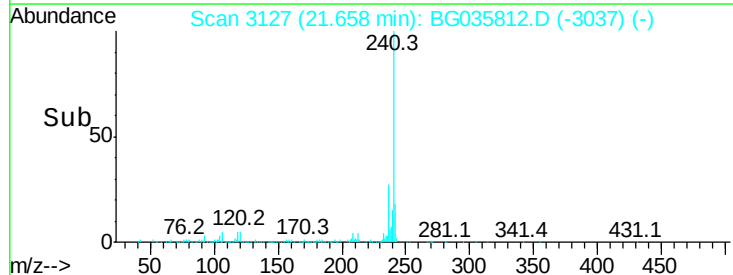
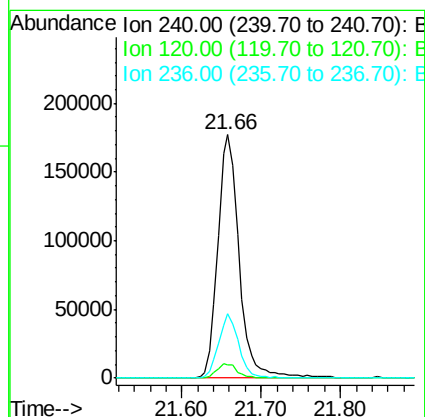
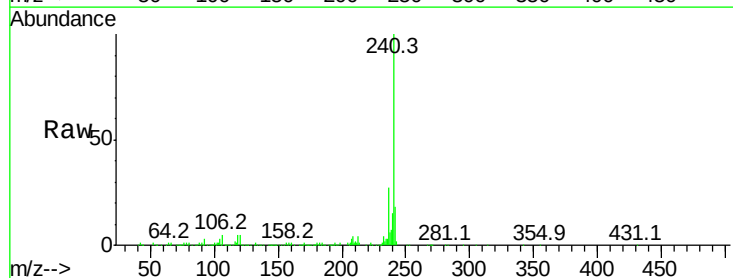
Instrument :
BNA_G
ClientSampleId :
TP-11

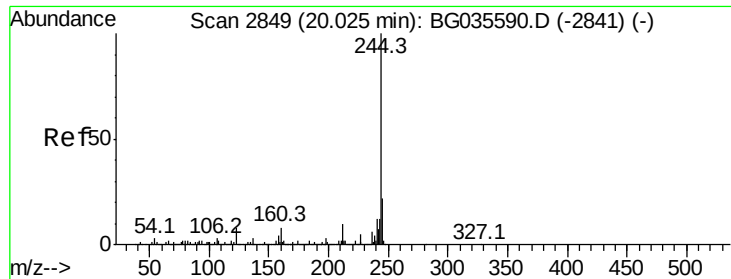
Tot Ion:188 Resp: 282550
Ion Ratio Lower Upper
188 100
94 6.6 6.9 10.3#
80 7.2 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BG035812.D
Acq: 21 Jul 2018 9:44

Tgt Ion:240 Resp: 330483
Ion Ratio Lower Upper
240 100
120 5.5 6.8 10.2#
236 26.5 20.9 31.3





#78

Terphenyl-d14

Concen: 104.623 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG035812.D

Acq: 21 Jul 2018 9:44

Instrument :

BNA_G

ClientSampleId :

TP-11

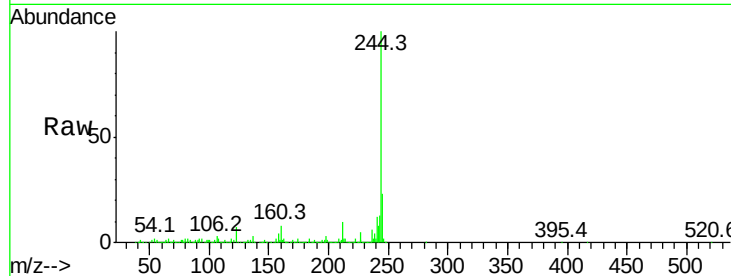
Tot Ion:244 Resp: 1568572

Ion Ratio Lower Upper

244 100

212 10.0 5.8 8.8#

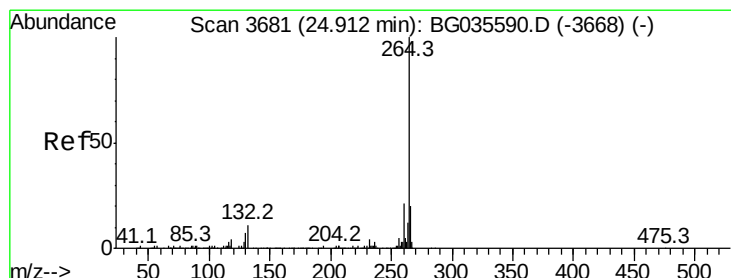
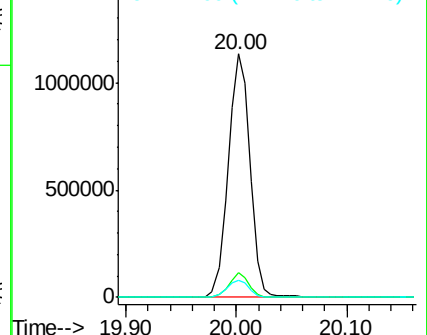
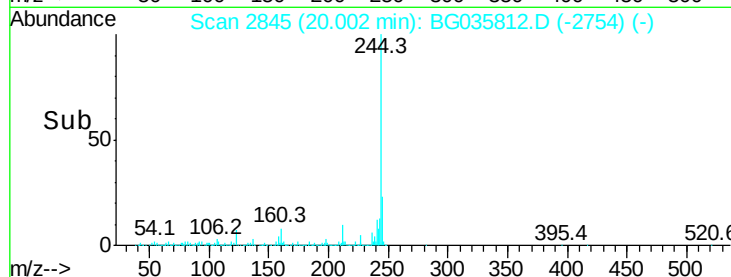
122 7.2 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3672

Delta R.T. 0.00 min

Lab File: BG035812.D

Acq: 21 Jul 2018 9:44

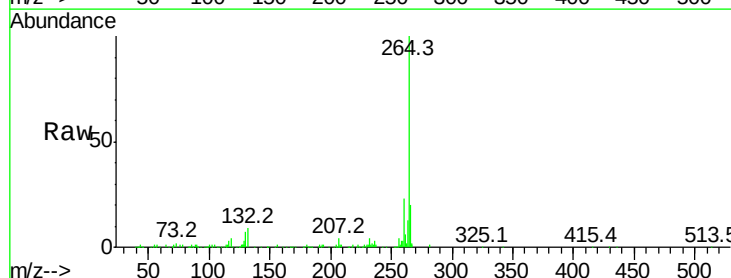
Tgt Ion:264 Resp: 310253

Ion Ratio Lower Upper

264 100

260 22.8 17.4 26.0

265 20.2 17.7 26.5



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

