

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091218\
 Data File : BG036680.D
 Acq On : 12 Sep 2018 19:43
 Operator : JU/SJ
 Sample : J4856-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STONE-PILE

Quant Time: Sep 13 01:42:08 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

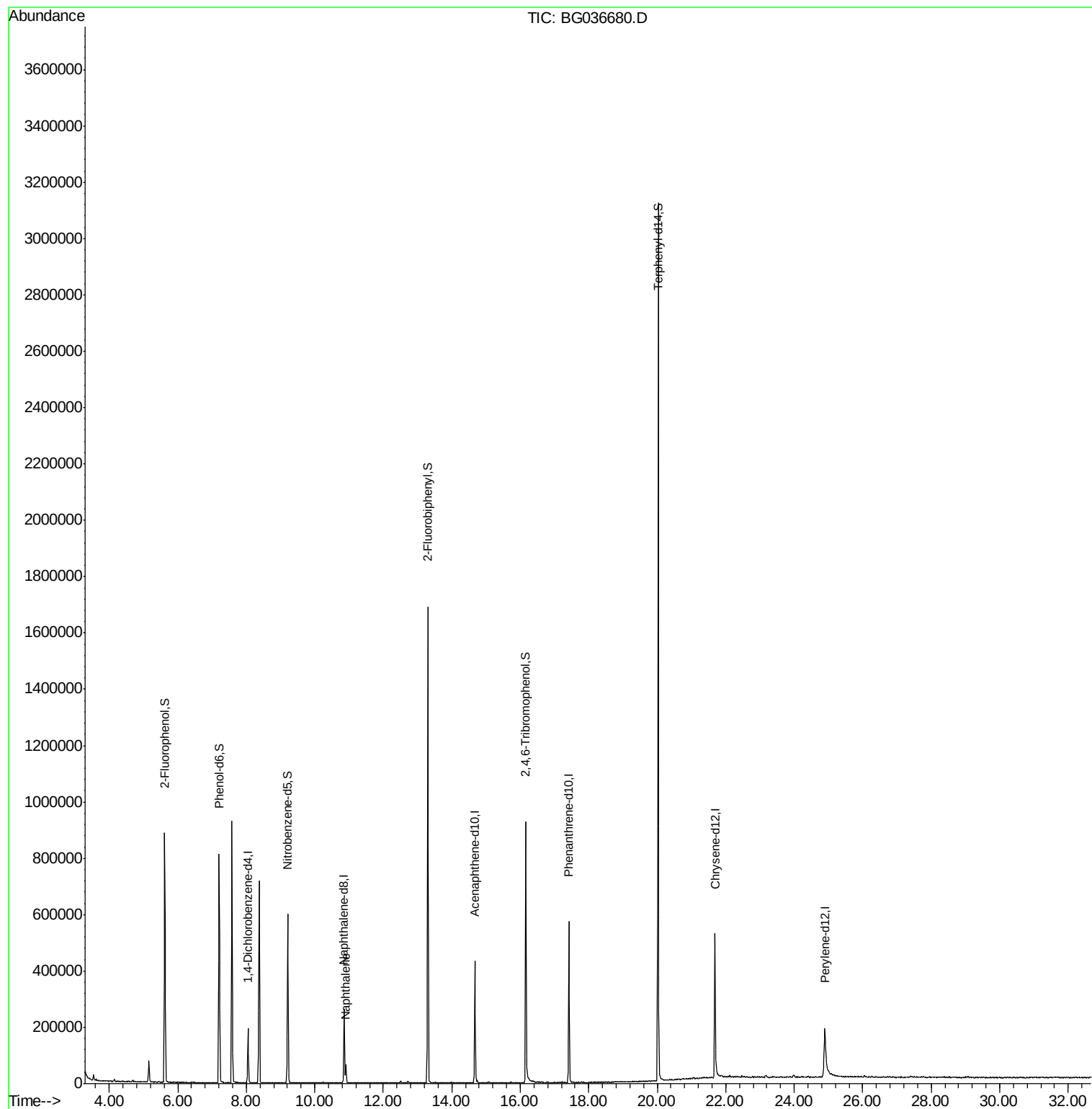
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	53523	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	227539	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	148146	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	375537	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	385935	20.00	ng	-0.01
86) Perylene-d12	24.89	264	299968	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	363878	107.84	ng	0.00
7) Phenol-d6	7.21	99	466598	96.59	ng	-0.01
23) Nitrobenzene-d5	9.21	82	364857	87.00	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	185634	105.01	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	848663	81.79	ng	-0.01
78) Terphenyl-d14	20.03	244	1454108	88.07	ng	0.00
Target Compounds						
31) Naphthalene	10.91	128	54194	4.765	ng	Qvalue 100

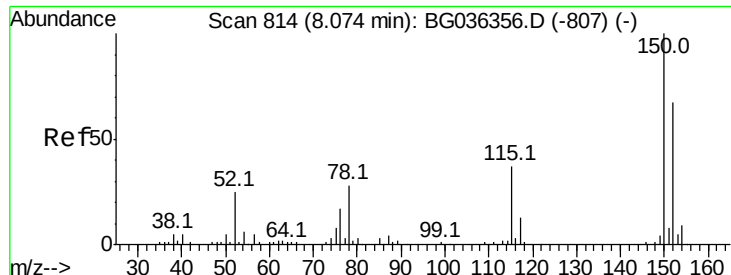
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091218\
Data File : BG036680.D
Acq On : 12 Sep 2018 19:43
Operator : JU/SJ
Sample : J4856-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
STONE-PILE

Quant Time: Sep 13 01:42:08 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



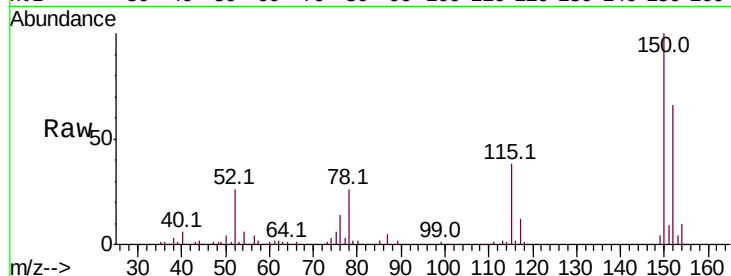


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036680.D
 Acq: 12 Sep 2018 19:43

Instrument :
 BNA_G
 ClientSampleId :
 STONE-PILE

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	119.5	179.3
115	58.0	44.5	66.7



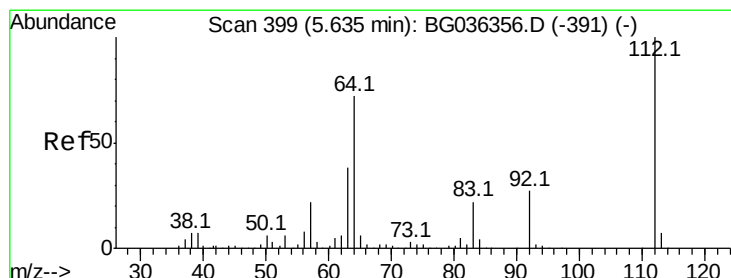
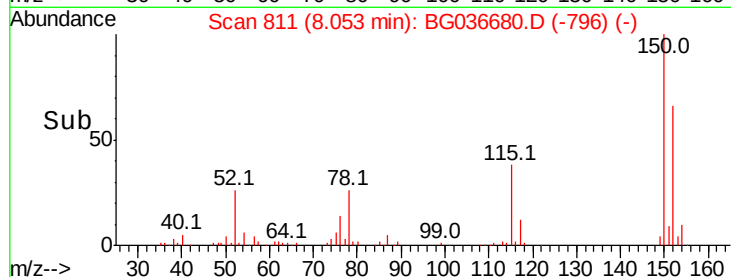
Abundance

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

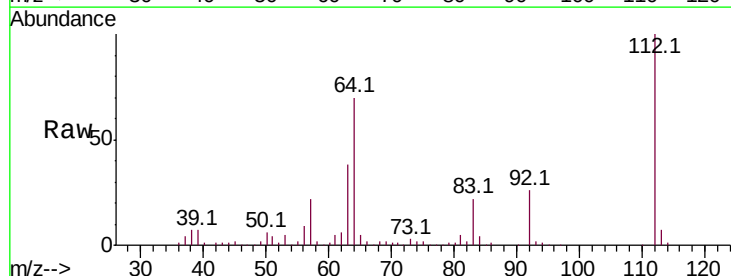
Time-->



#5

2-Fluorophenol
 Concen: 107.845 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036680.D
 Acq: 12 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.0	57.2	85.8
63	38.0	30.8	46.2



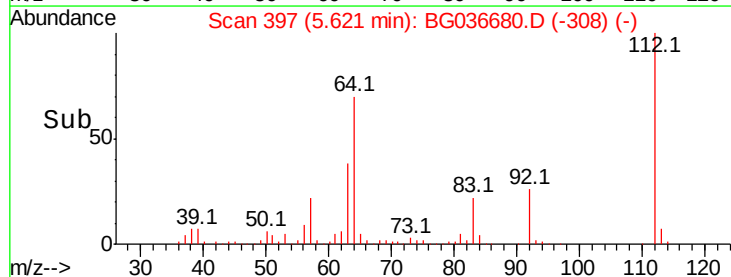
Abundance

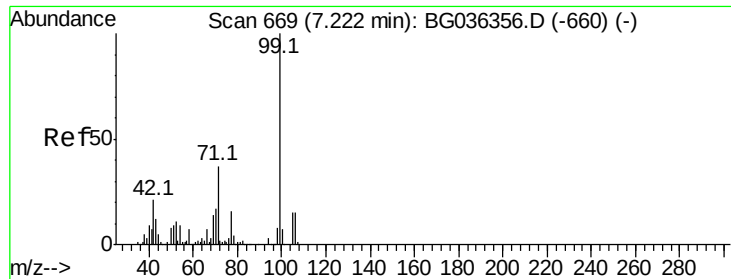
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG

Time-->





#7

Phenol-d6

Concen: 96.587 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036680.D

Acq: 12 Sep 2018 19:43

Instrument :

BNA_G

ClientSampleId :

STONE-PILE

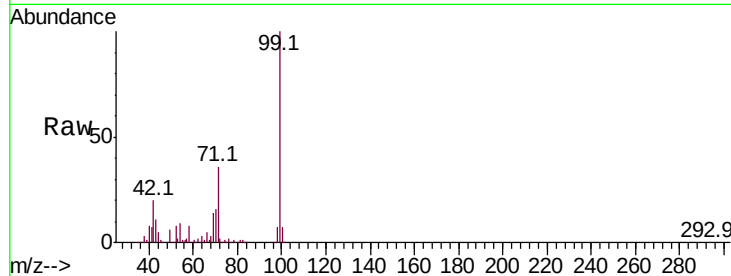
Tot Ion: 99 Resp: 466598

Ion Ratio Lower Upper

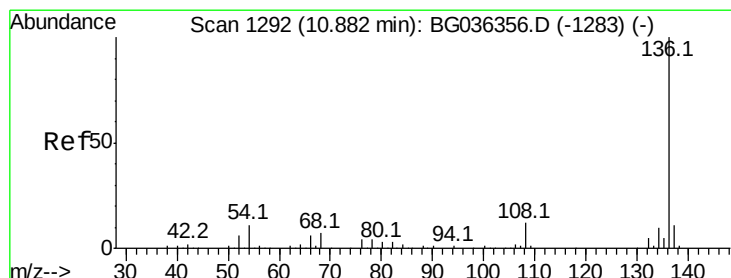
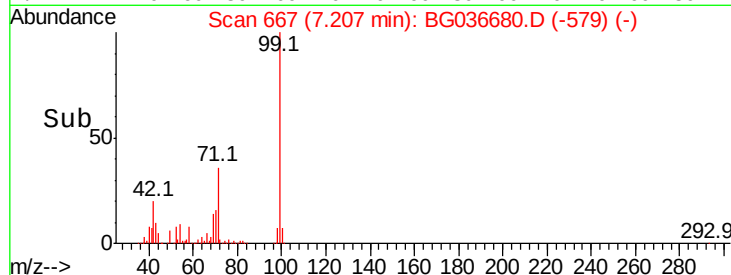
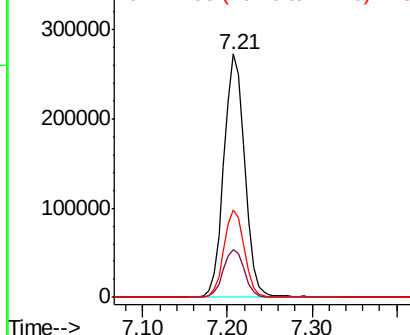
99 100

42 19.7 16.5 24.7

71 35.8 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: 10.86 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BG036680.D

Acq: 12 Sep 2018 19:43

Tgt Ion: 136 Resp: 227539

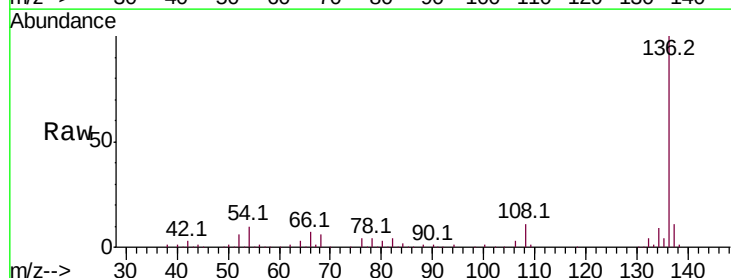
Ion Ratio Lower Upper

136 100

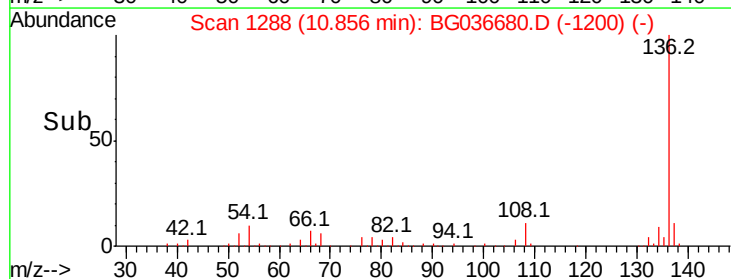
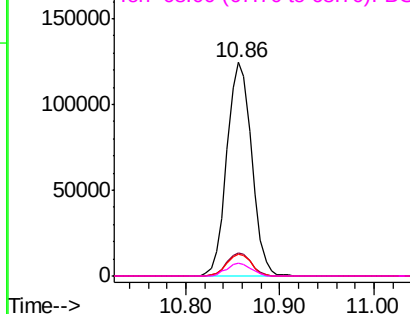
137 10.9 8.8 13.2

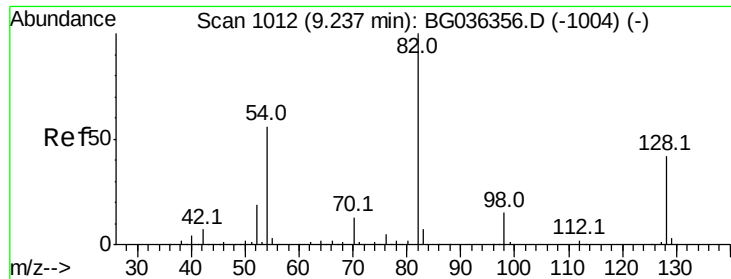
54 10.1 9.2 13.8

68 6.1 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

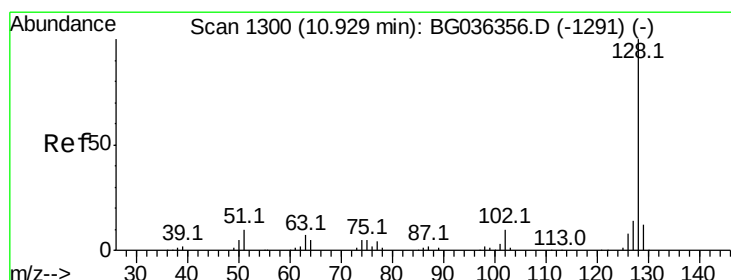
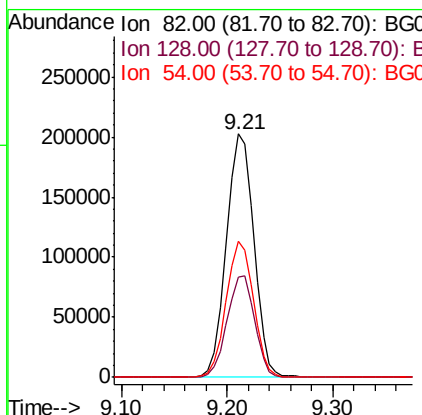
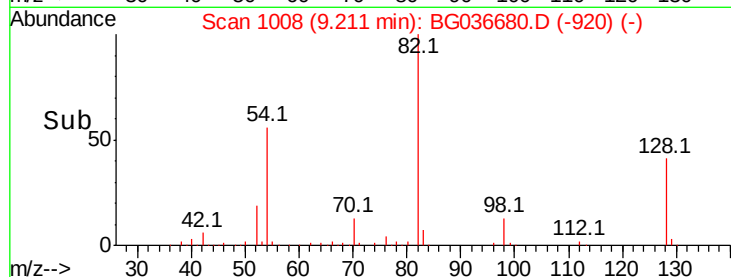
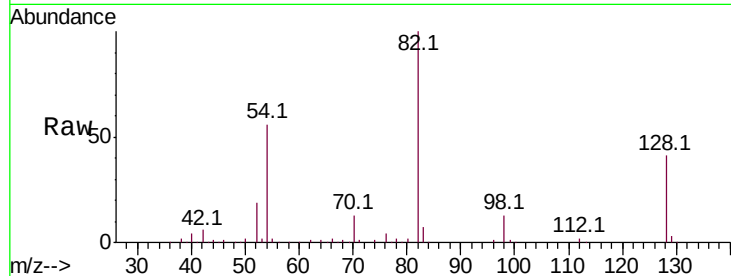




#23
Nitrobenzene-d5
Concen: 87.000 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036680.D
Acq: 12 Sep 2018 19:43

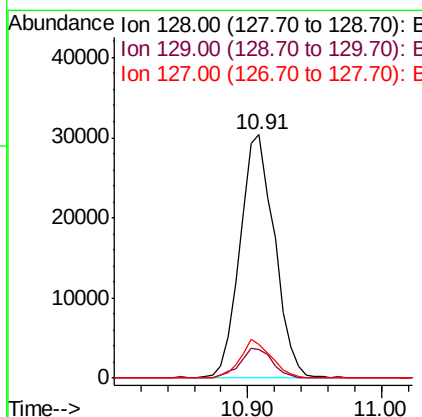
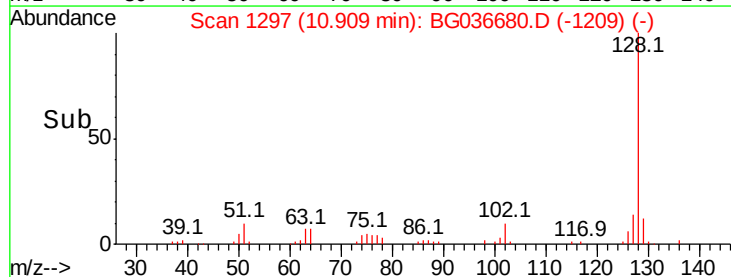
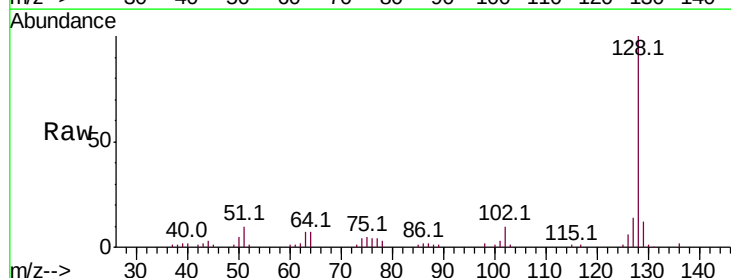
Instrument :
BNA_G
ClientSampleId :
STONE-PILE

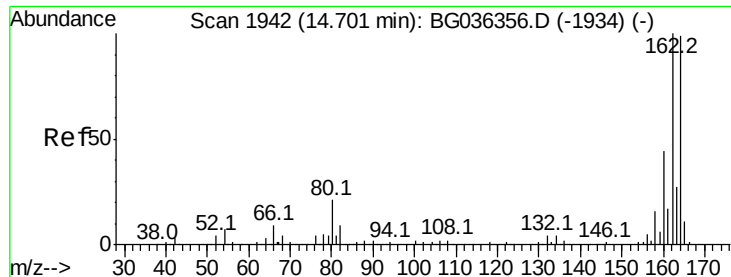
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.3	49.9
54	56.0	45.1	67.7



#31
Naphthalene
Concen: 4.765 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG036680.D
Acq: 12 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.2
127	13.8	11.0	16.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036680.D

Acq: 12 Sep 2018 19:43

Instrument :

BNA_G

ClientSampleId :

STONE-PILE

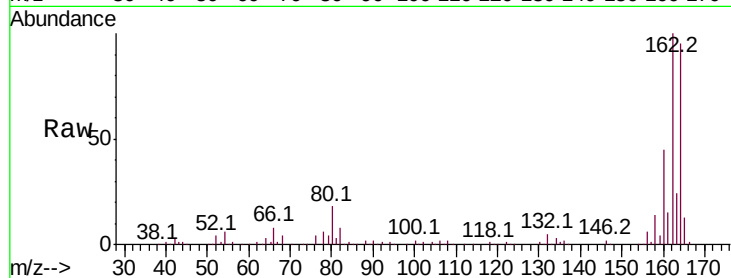
Tot Ion:164 Resp: 148146

Ion Ratio Lower Upper

164 100

162 105.1 80.7 121.1

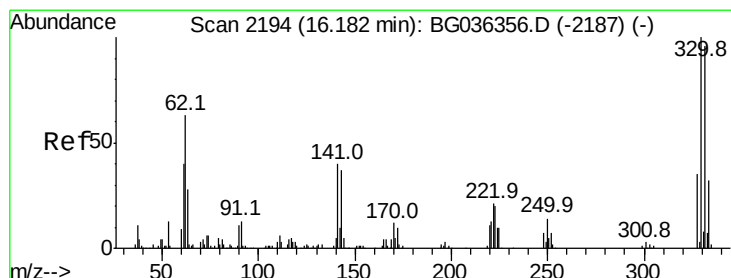
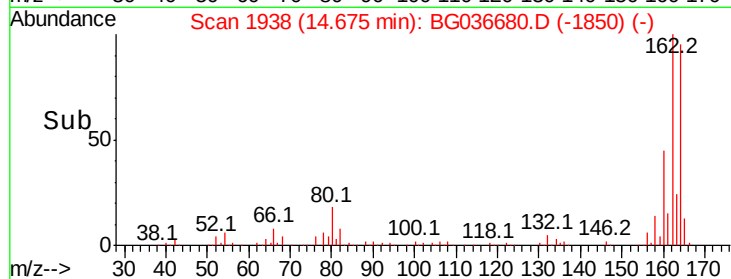
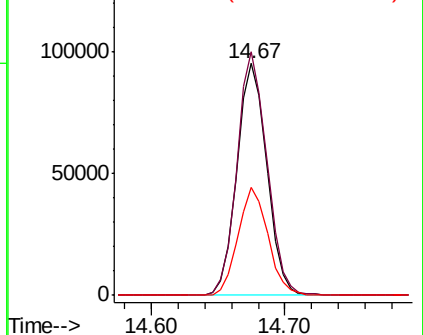
160 46.9 35.3 52.9



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: 105.014 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036680.D

Acq: 12 Sep 2018 19:43

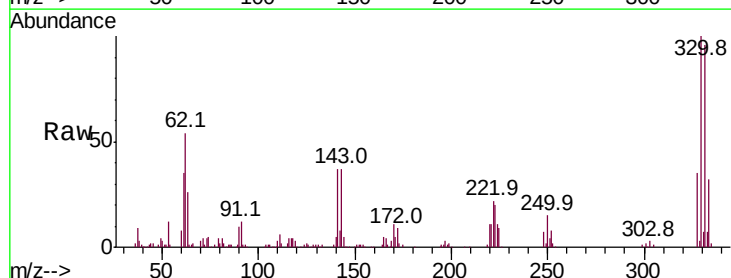
Tgt Ion:330 Resp: 185634

Ion Ratio Lower Upper

330 100

332 97.3 75.4 113.2

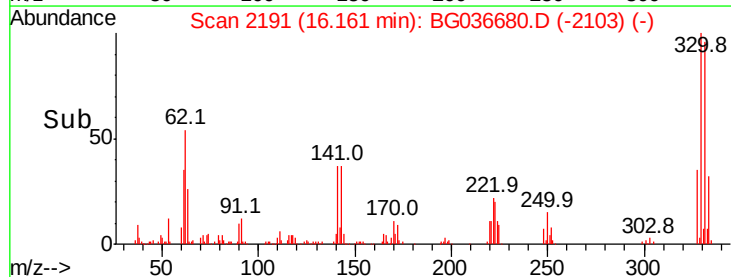
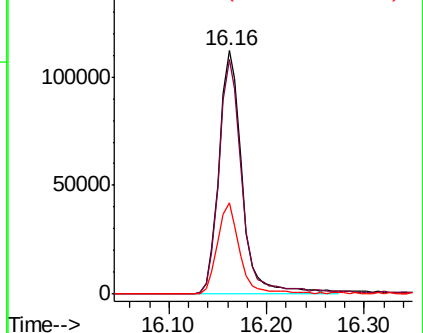
141 36.4 30.7 46.1

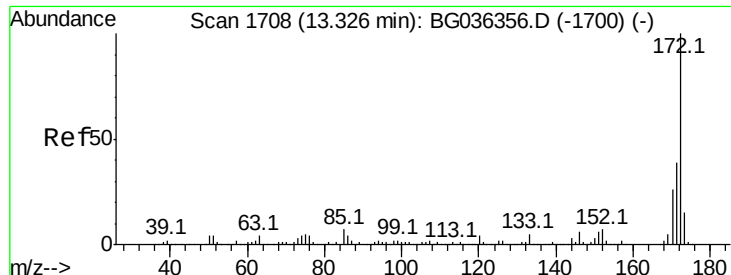


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

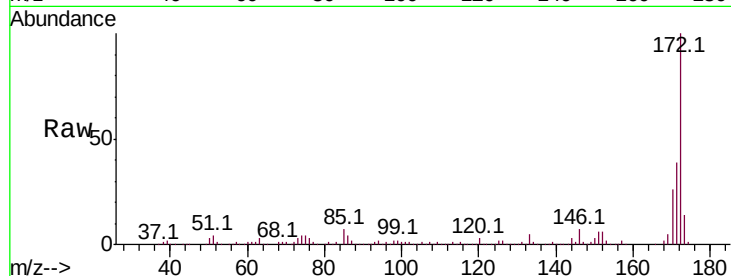




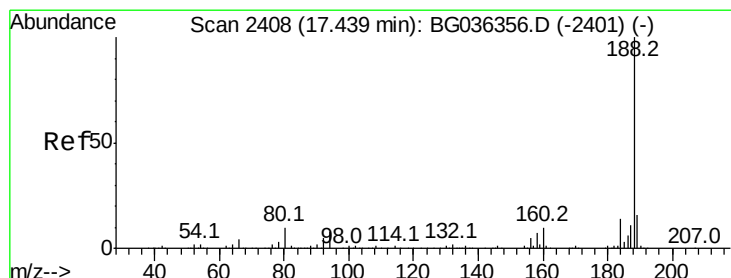
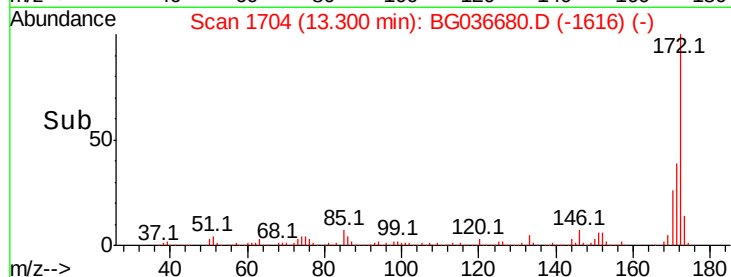
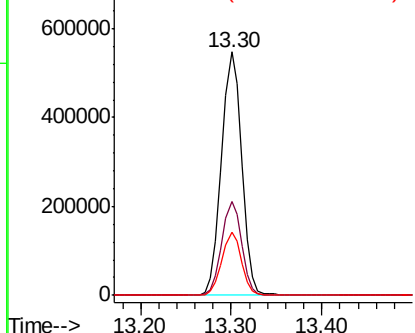
#44
 2-Fluorobiphenyl
 Concen: 81.793 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036680.D
 Acq: 12 Sep 2018 19:43

Instrument :
 BNA_G
 ClientSampleId :
 STONE-PILE

Tot Ion:172 Resp: 848663
 Ion Ratio Lower Upper
 172 100
 171 38.8 31.3 46.9
 170 26.0 21.0 31.6

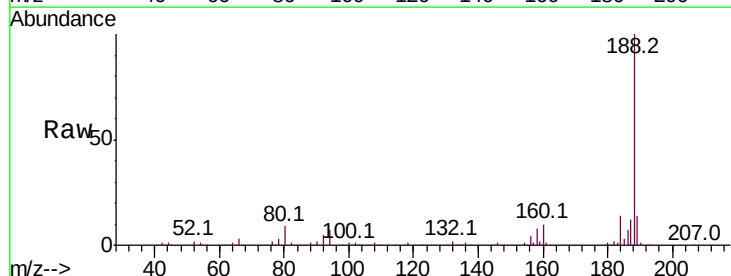


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

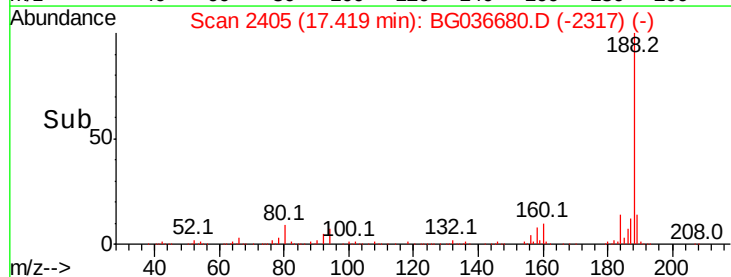
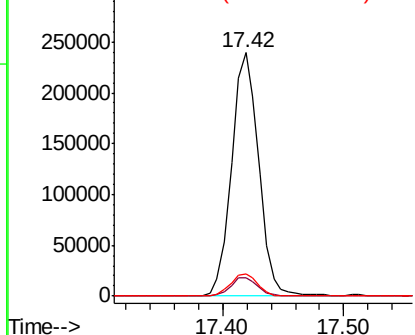


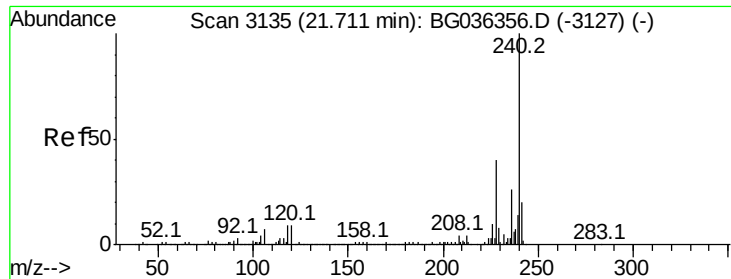
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036680.D
 Acq: 12 Sep 2018 19:43

Tgt Ion:188 Resp: 375537
 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): BG
 Ion 80.00 (79.70 to 80.70): BG





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036680.D

Acq: 12 Sep 2018 19:43

Instrument :

BNA_G

ClientSampleId :

STONE-PILE

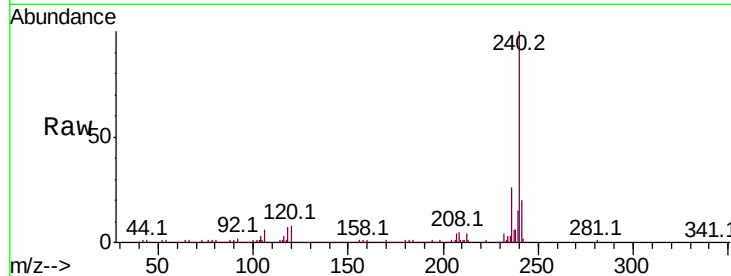
Tot Ion:240 Resp: 385935

Ion Ratio Lower Upper

240 100

120 8.0 6.9 10.3

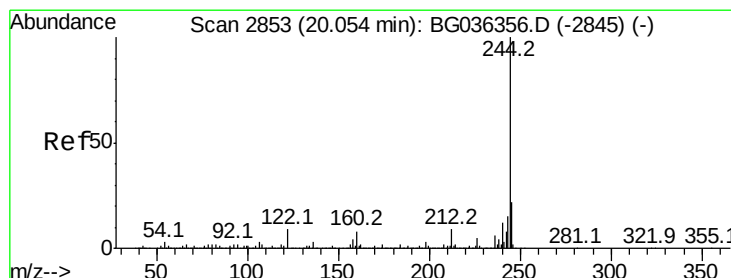
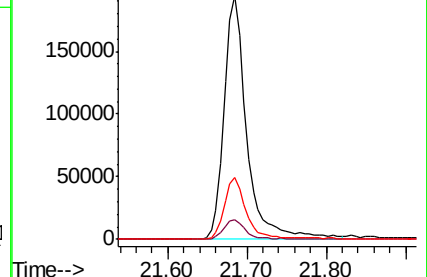
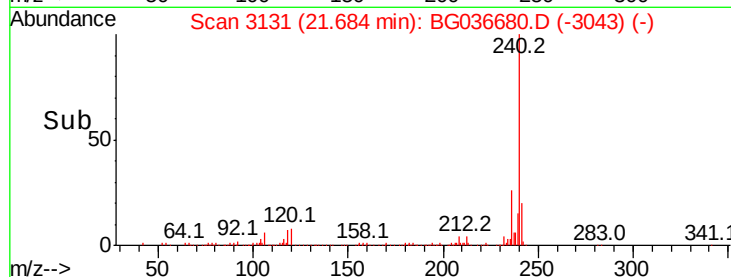
236 25.5 21.2 31.8



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: 88.065 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036680.D

Acq: 12 Sep 2018 19:43

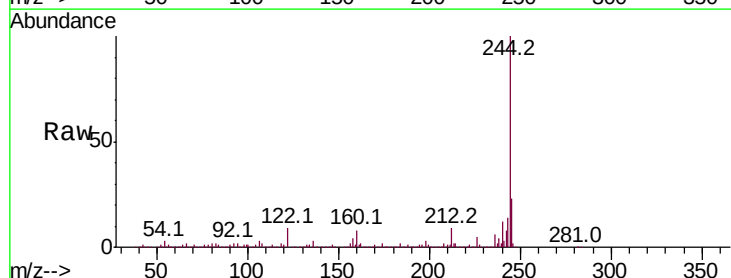
Tgt Ion:244 Resp: 1454108

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

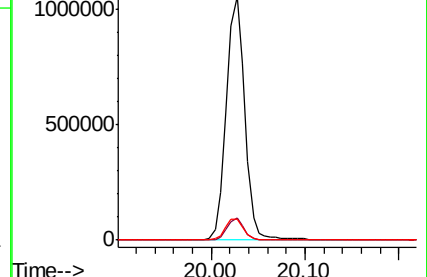
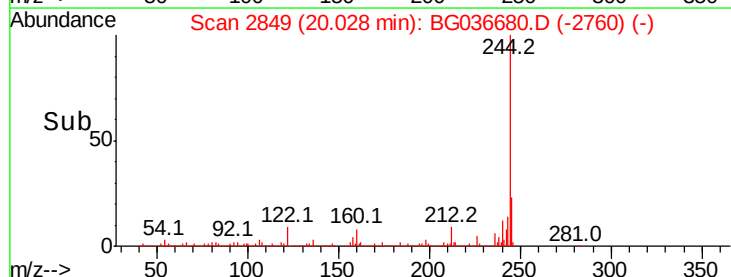
122 8.7 7.1 10.7

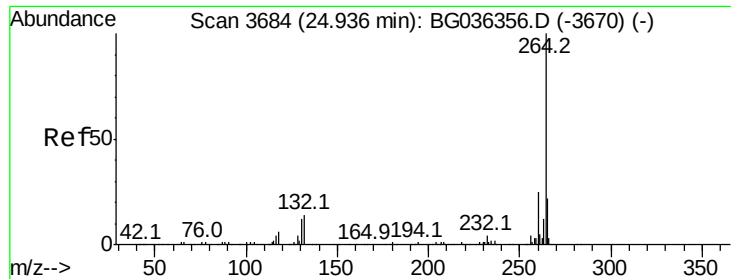


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

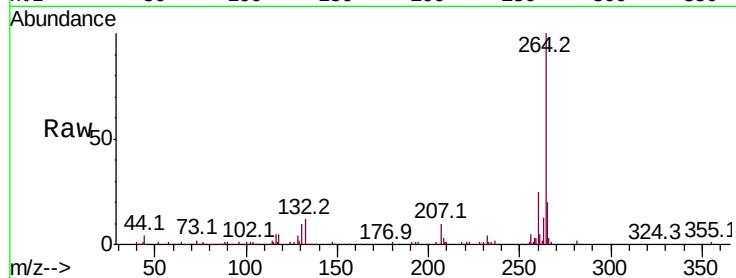




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG036680.D
Acq: 12 Sep 2018 19:43

Instrument :
BNA_G
ClientSampleId :
STONE-PILE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	20.3	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

