

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091118\
 Data File : BG036667.D
 Acq On : 11 Sep 2018 22:04
 Operator : JU/SJ
 Sample : J4841-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 090718-SIDI-F-U-B

Quant Time: Sep 12 04:28:24 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

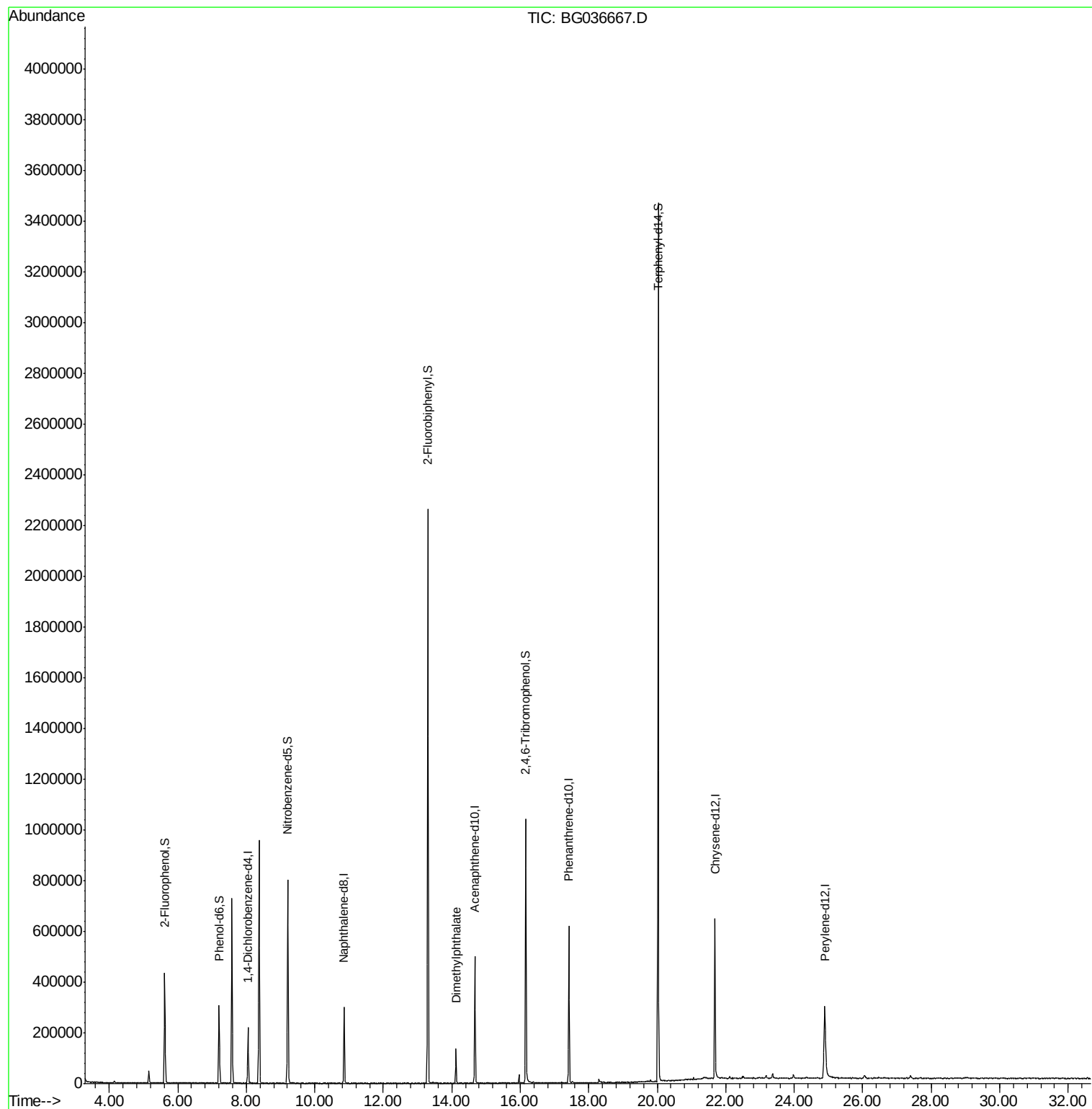
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	61052	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	260178	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	169556	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	401284	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	406957	20.00	ng	-0.01
86) Perylene-d12	24.89	264	379008	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	184265	47.88	ng	0.00
7) Phenol-d6	7.21	99	179056	32.49	ng	-0.01
23) Nitrobenzene-d5	9.21	82	498552	103.97	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	198140	97.93	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	1155315	97.29	ng	-0.01
78) Terphenyl-d14	20.03	244	1638623	94.11	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.12	163	93104	6.725	ng	Qvalue 99

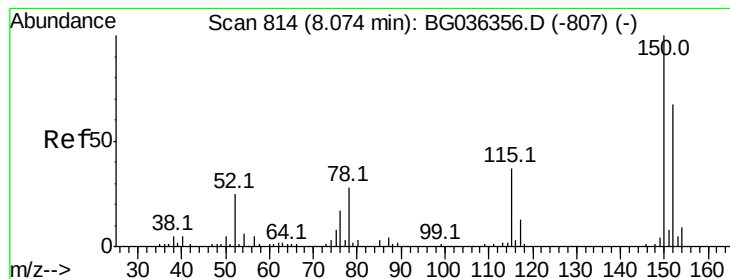
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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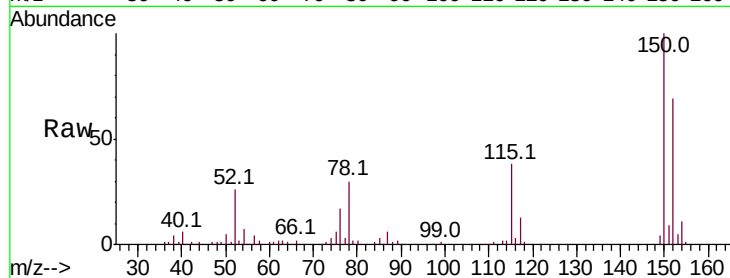


#1

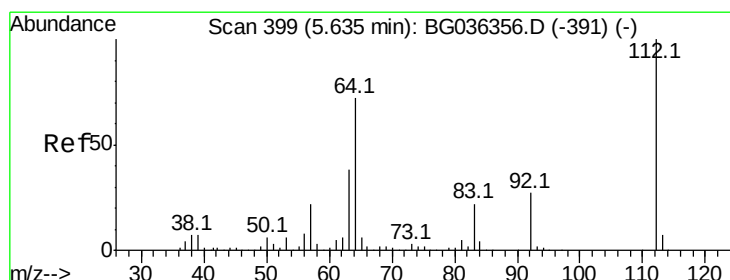
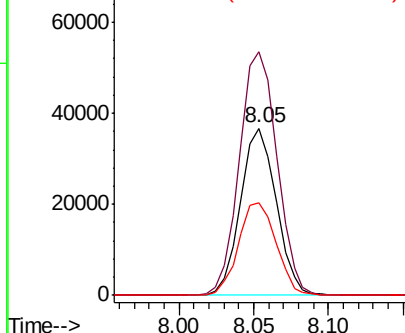
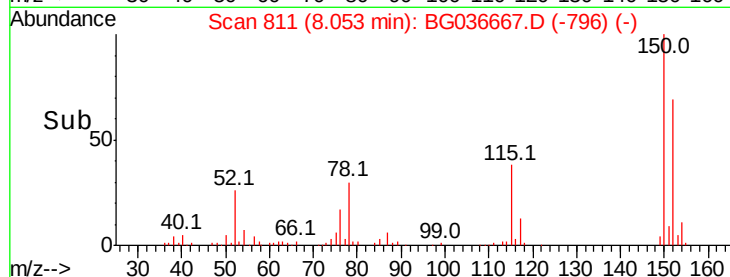
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036667.D
Acq: 11 Sep 2018 22:04

Instrument :
BNA_G
ClientSampleId :
090718-SIDI-F-U-B

Tot Ion:152 Resp: 61052
Ion Ratio Lower Upper
152 100
150 145.8 119.5 179.3
115 55.2 44.5 66.7



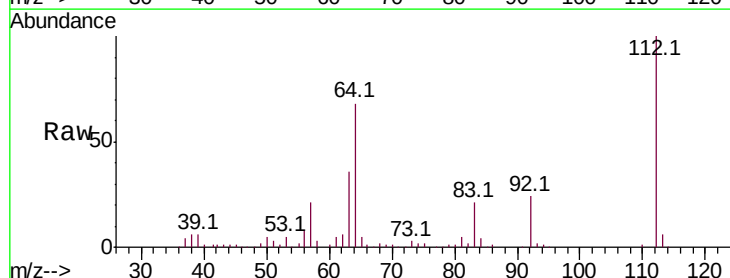
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



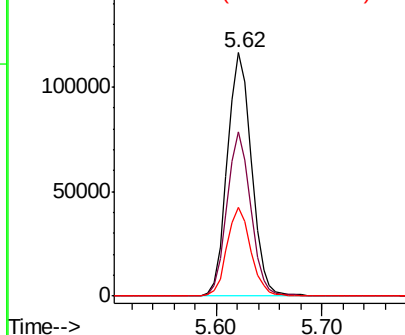
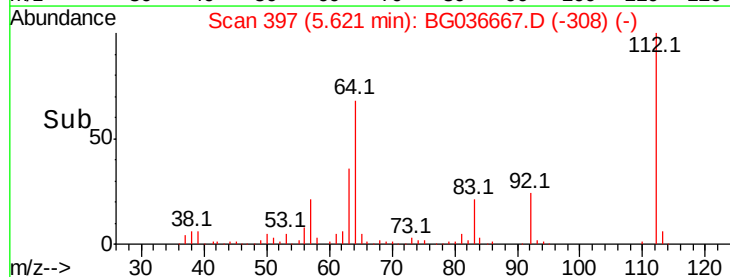
#5

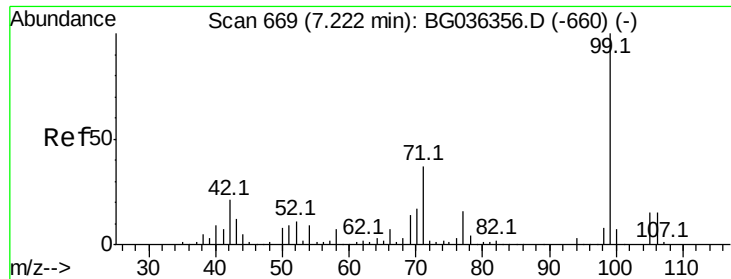
2-Fluorophenol
Concen: 47.877 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036667.D
Acq: 11 Sep 2018 22:04

Tgt Ion:112 Resp: 184265
Ion Ratio Lower Upper
112 100
64 67.7 57.2 85.8
63 36.2 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: 32.494 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036667.D

Acq: 11 Sep 2018 22:04

Instrument :

BNA_G

ClientSampleId :

090718-SIDI-F-U-B

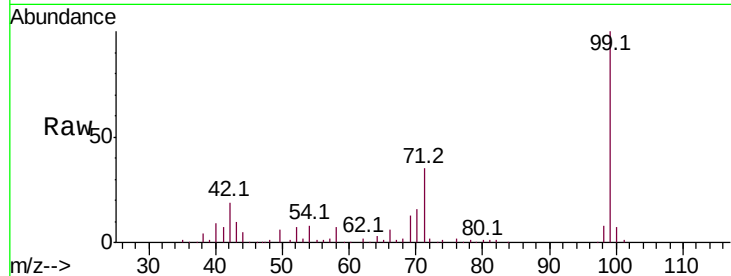
Tot Ion: 99 Resp: 179056

Ion Ratio Lower Upper

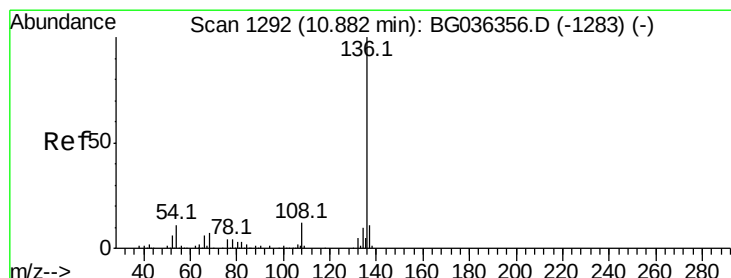
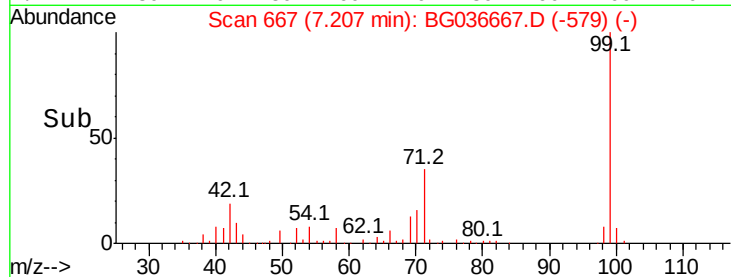
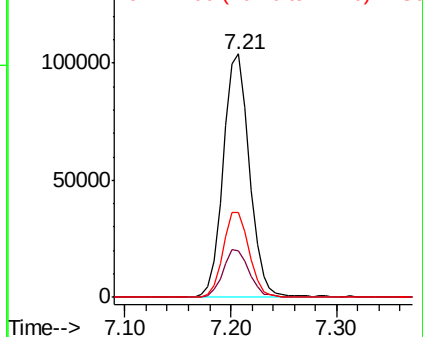
99 100

42 19.2 16.5 24.7

71 35.0 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: 10.86 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BG036667.D

Acq: 11 Sep 2018 22:04

Tgt Ion: 136 Resp: 260178

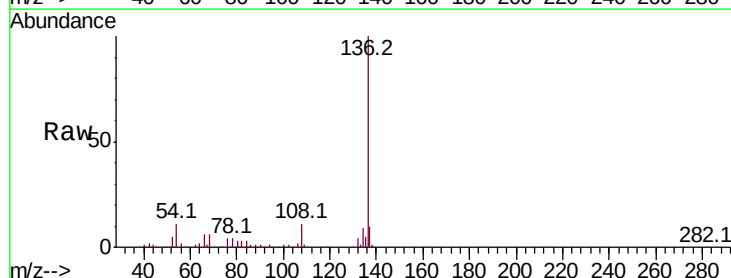
Ion Ratio Lower Upper

136 100

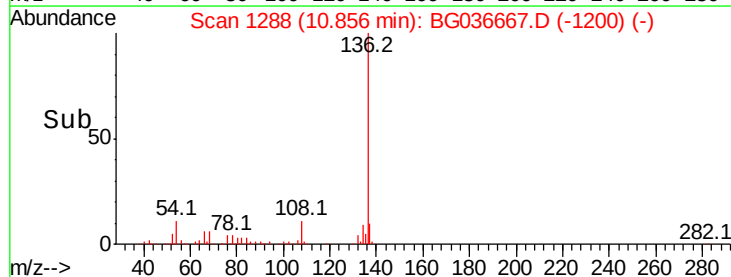
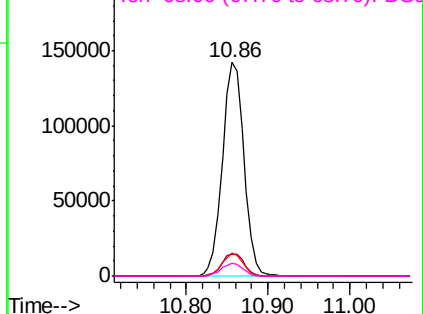
137 10.5 8.8 13.2

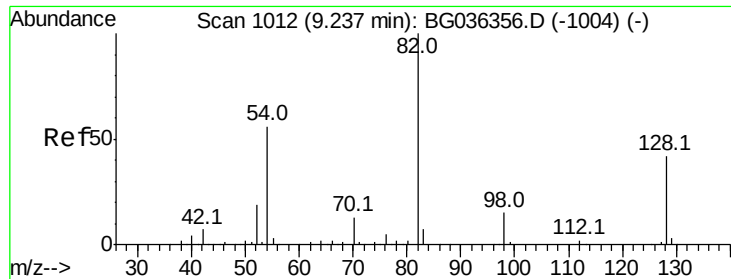
54 10.6 9.2 13.8

68 5.9 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

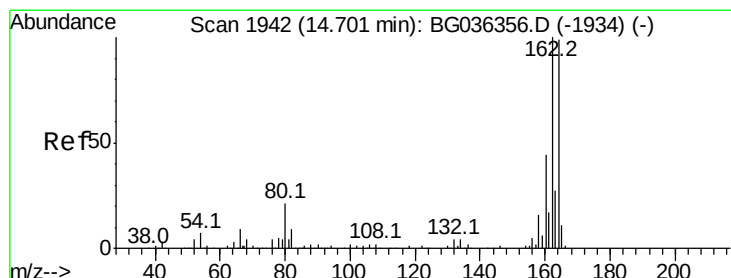
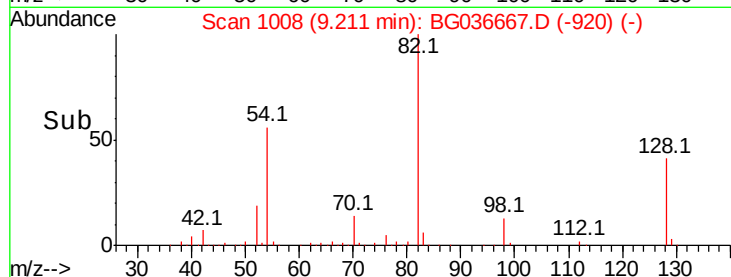
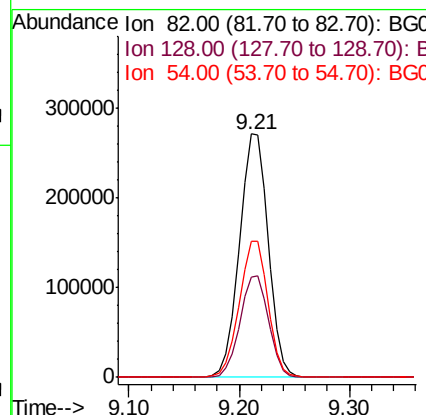
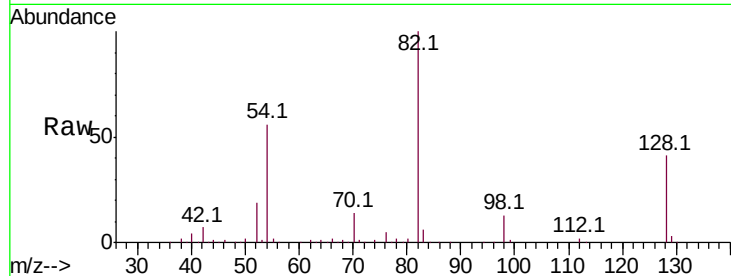




#23
 Nitrobenzene-d5
 Concen: 103.966 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BG036667.D
 Acq: 11 Sep 2018 22:04

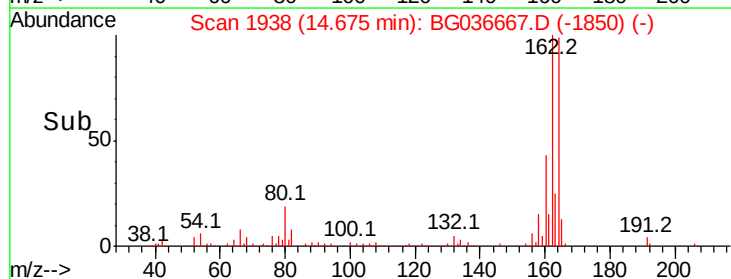
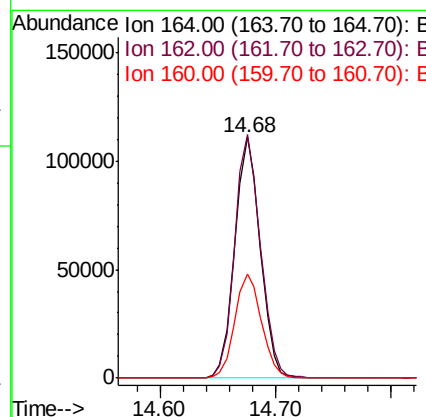
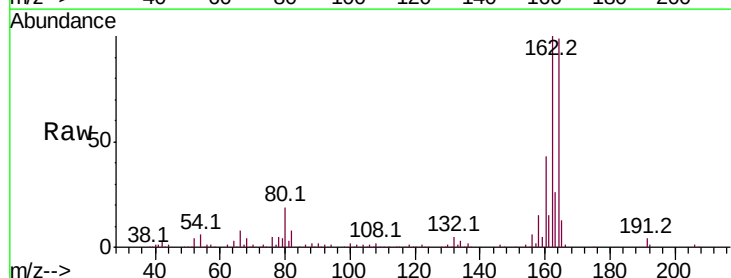
Instrument :
 BNA_G
 ClientSampleId :
 090718-SIDI-F-U-B

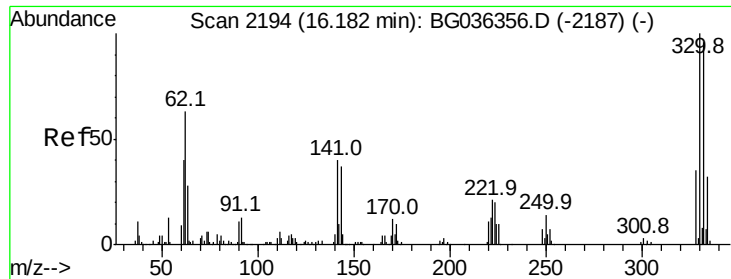
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.3	49.9
54	56.1	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG036667.D
 Acq: 11 Sep 2018 22:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.7	121.1
160	43.5	35.3	52.9

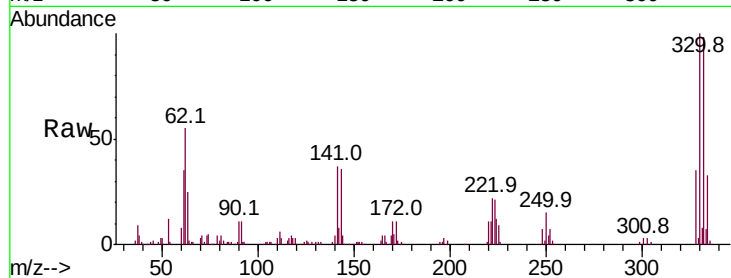




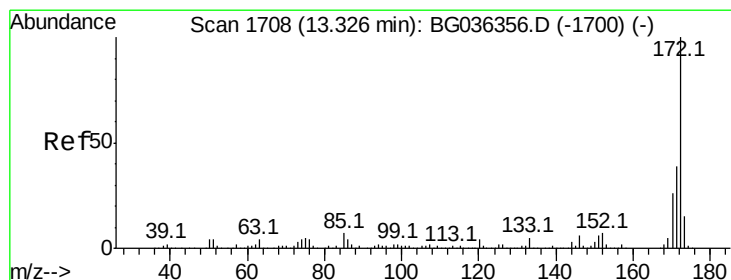
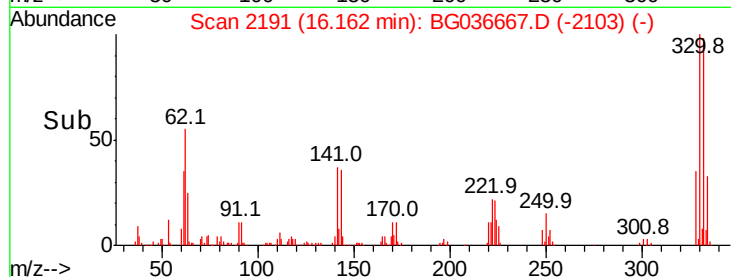
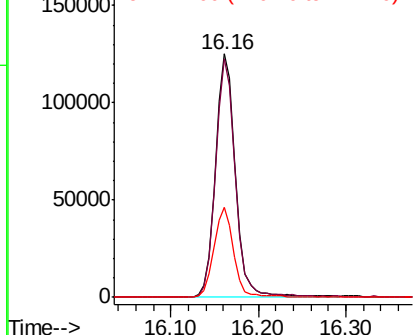
#41
 2,4,6-Tribromophenol
 Concen: 97.935 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036667.D
 Acq: 11 Sep 2018 22:04

Instrument :
 BNA_G
 ClientSampleId :
 090718-SIDI-F-U-B

Tot Ion:330 Resp: 198140
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.4 113.2
 141 36.6 30.7 46.1

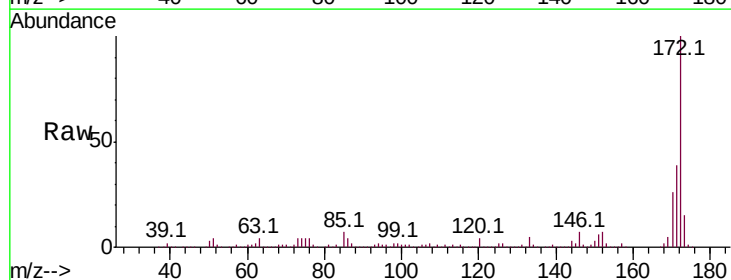


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

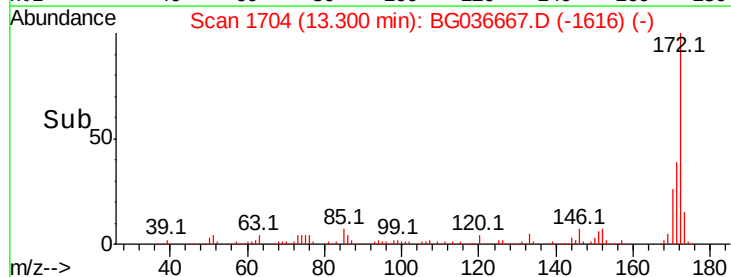
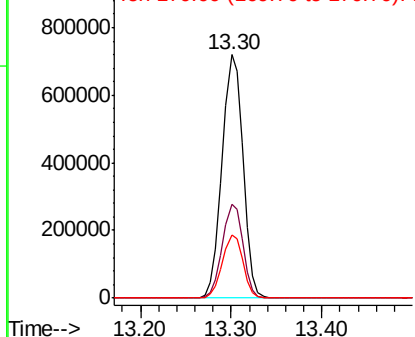


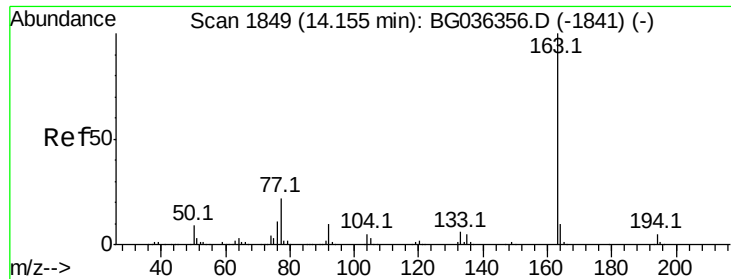
#44
 2-Fluorobiphenyl
 Concen: 97.288 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036667.D
 Acq: 11 Sep 2018 22:04

Tgt Ion:172 Resp: 1155315
 Ion Ratio Lower Upper
 172 100
 171 38.5 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





#49

Dimethylphthalate

Concen: 6.725 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BG036667.D

Acq: 11 Sep 2018 22:04

Instrument :

BNA_G

ClientSampleId :

090718-SIDI-F-U-B

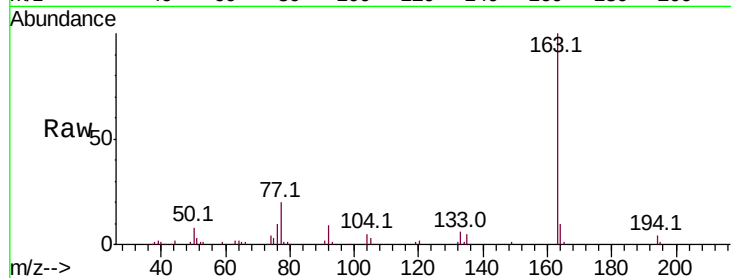
Tot Ion:163 Resp: 93104

Ion Ratio Lower Upper

163 100

194 4.4 4.0 6.0

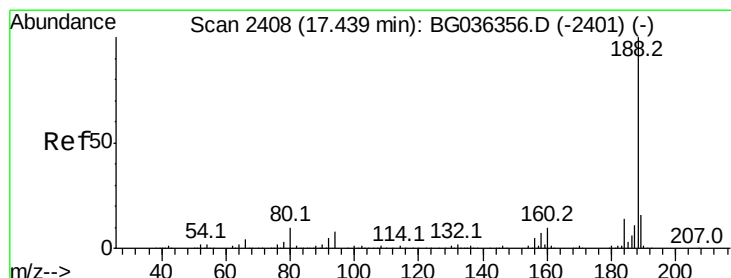
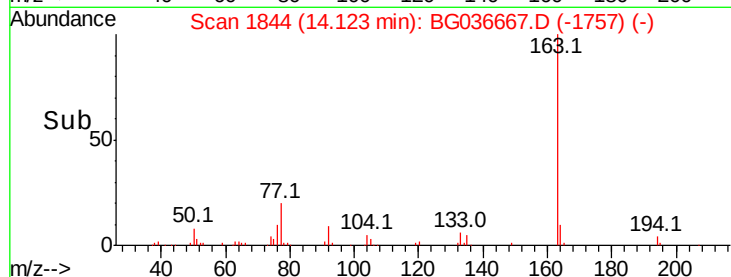
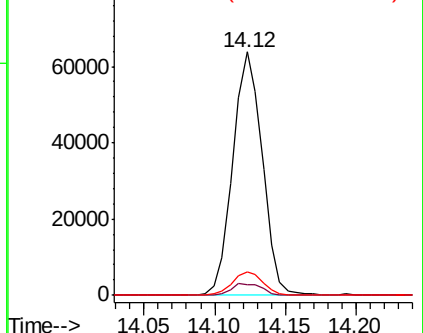
164 9.9 8.1 12.1



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. -0.01 min

Lab File: BG036667.D

Acq: 11 Sep 2018 22:04

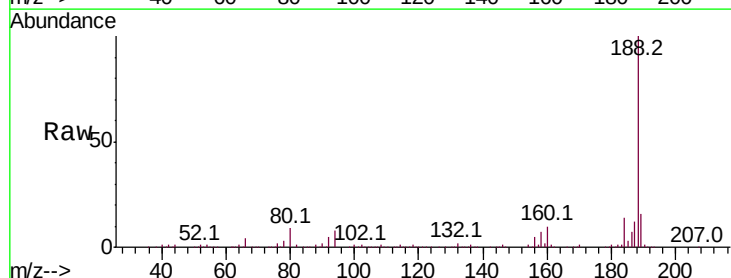
Tgt Ion:188 Resp: 401284

Ion Ratio Lower Upper

188 100

94 8.0 6.7 10.1

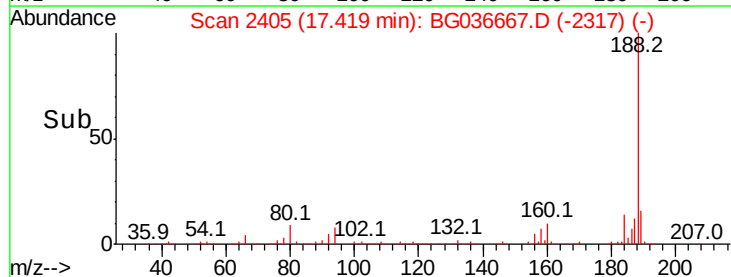
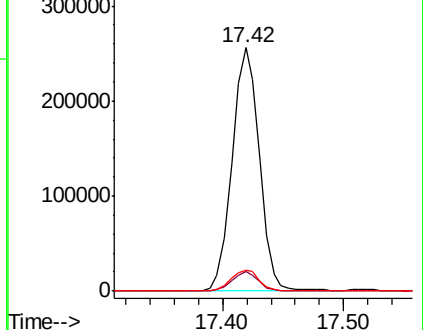
80 8.6 8.1 12.1

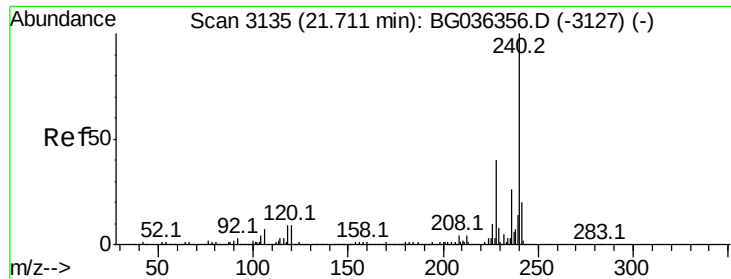


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG036667.D

Acq: 11 Sep 2018 22:04

Instrument :

BNA_G

ClientSampleId :

090718-SIDI-F-U-B

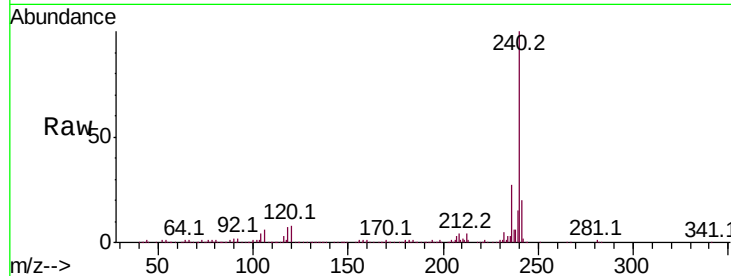
Tot Ion:240 Resp: 406957

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.9	10.3
236	27.5	21.2	31.8

240 100

120 8.1 6.9 10.3

236 27.5 21.2 31.8

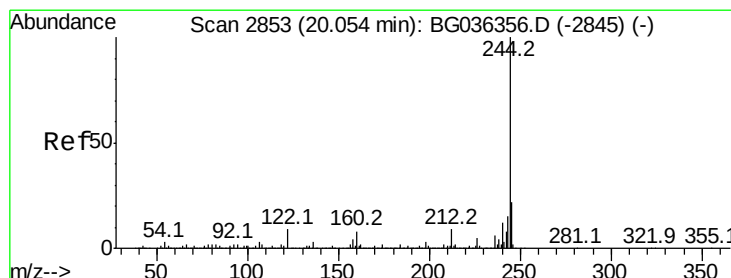
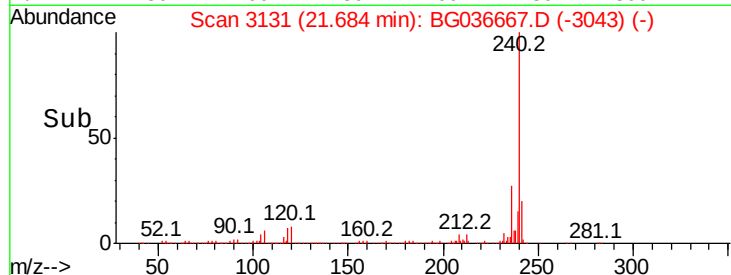
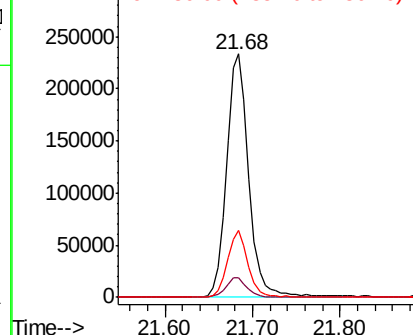


Abundance

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: 94.114 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036667.D

Acq: 11 Sep 2018 22:04

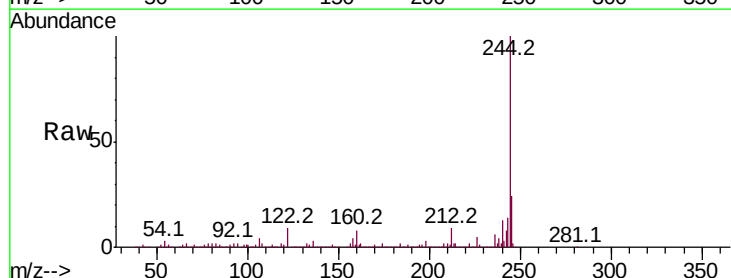
Tgt Ion:244 Resp: 1638623

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.0	10.6
122	9.4	7.1	10.7

244 100

212 9.5 7.0 10.6

122 9.4 7.1 10.7

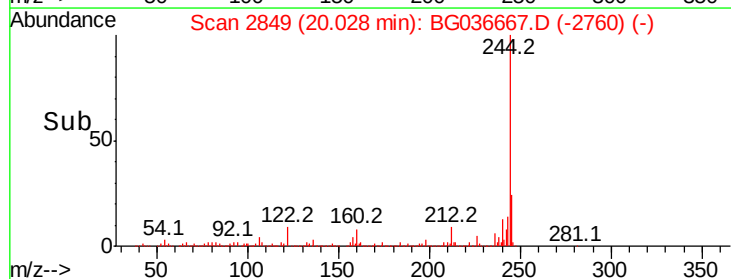
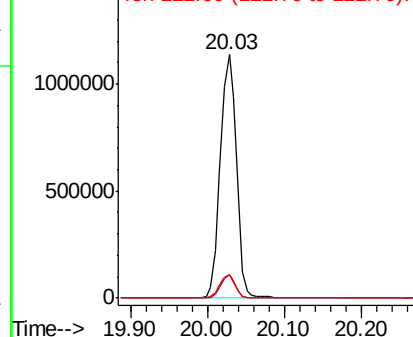


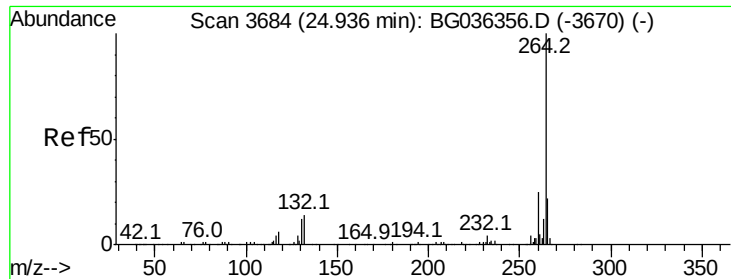
Abundance

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

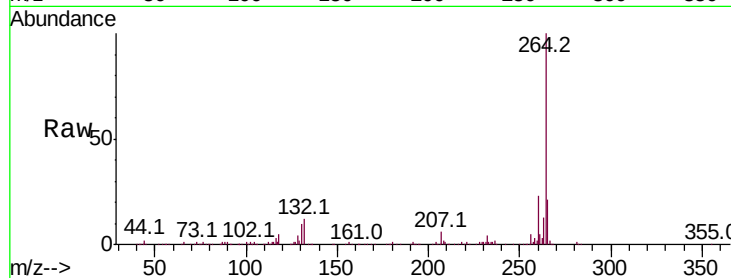




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG036667.D
Acq: 11 Sep 2018 22:04

Instrument :
BNA_G
ClientSampleId :
090718-SIDI-F-U-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.6	29.4
265	21.3	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E
150000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

