

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091118\
 Data File : BG036664.D
 Acq On : 11 Sep 2018 20:07
 Operator : JU/SJ
 Sample : J4841-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Sep 12 04:23:02 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

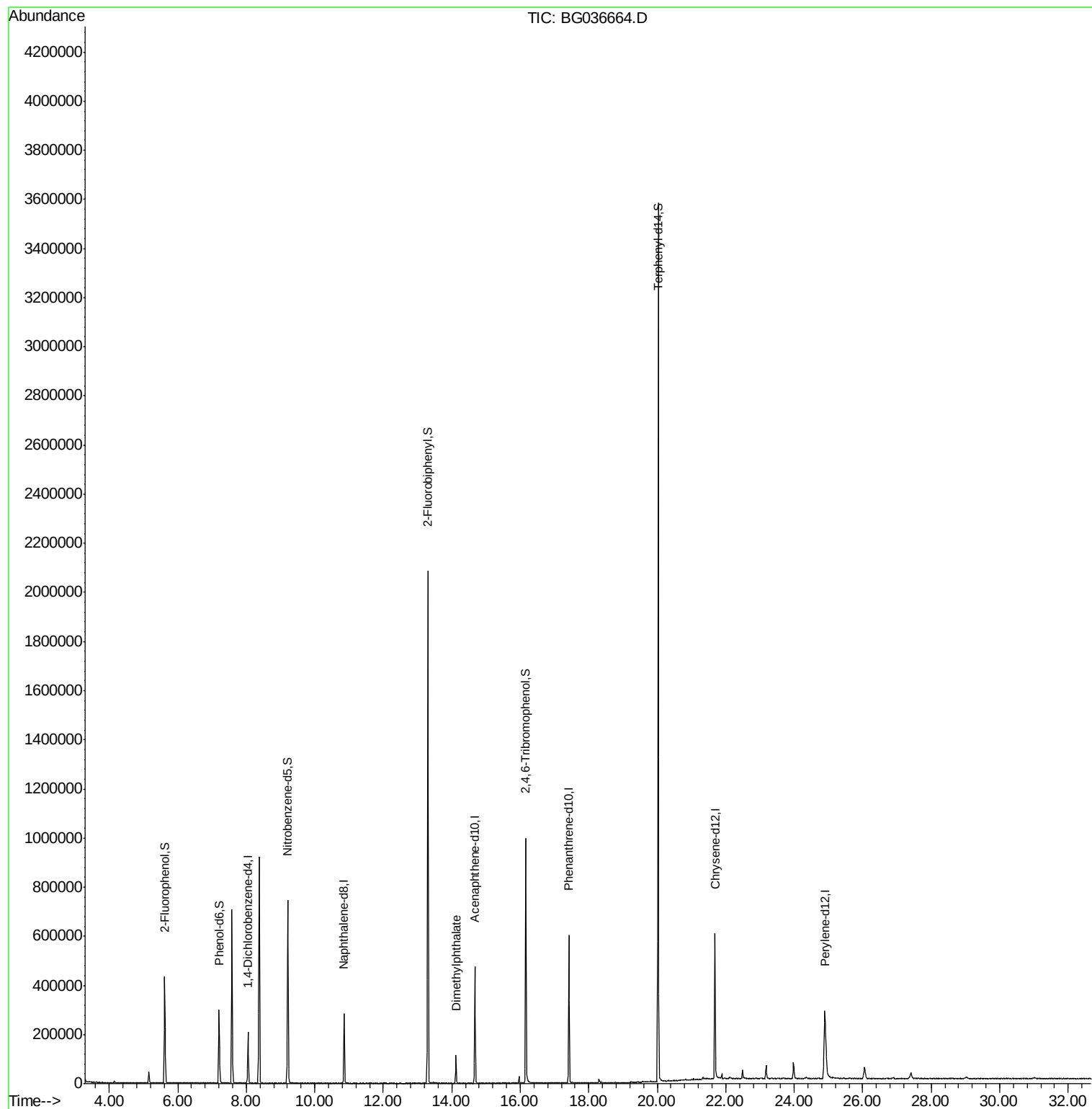
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	56459	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	238620	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	156830	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	380980	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	392336	20.00	ng	-0.01
86) Perylene-d12	24.89	264	354791	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	180586	50.74	ng	0.00
7) Phenol-d6	7.21	99	173167	33.98	ng	-0.01
23) Nitrobenzene-d5	9.22	82	466656	106.11	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	188478	100.72	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	1077141	98.07	ng	-0.01
78) Terphenyl-d14	20.03	244	1643647	97.92	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.12	163	75459	5.892	ng	Qvalue 99

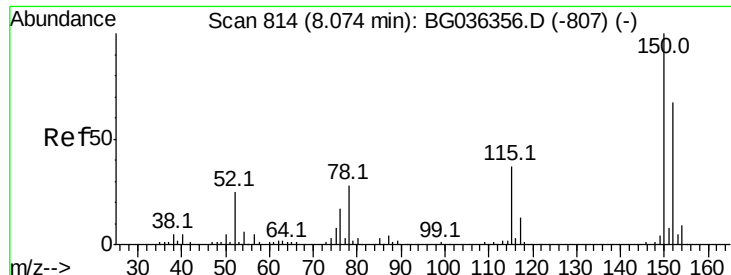
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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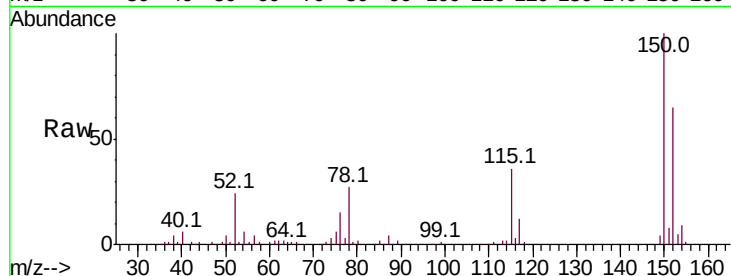


#1

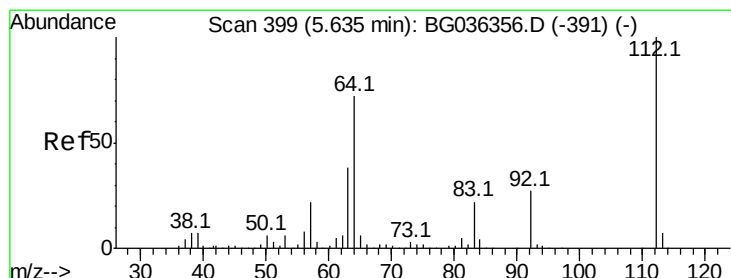
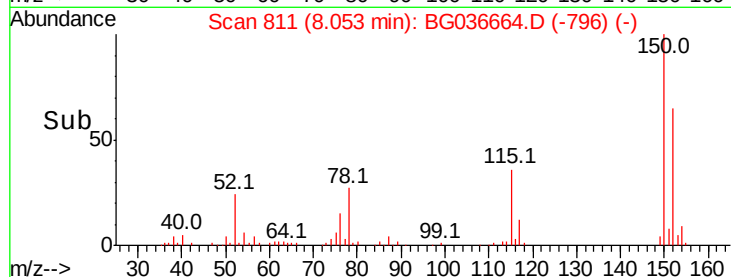
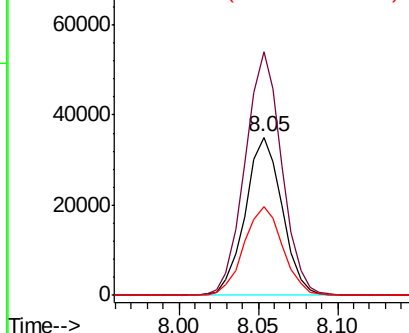
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036664.D
Acq: 11 Sep 2018 20:07

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

Tot Ion:152 Resp: 56459
Ion Ratio Lower Upper
152 100
150 154.1 119.5 179.3
115 55.9 44.5 66.7



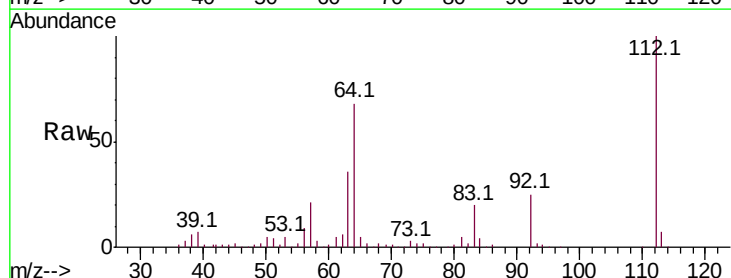
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



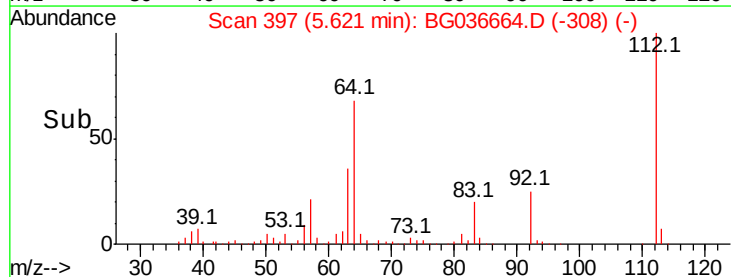
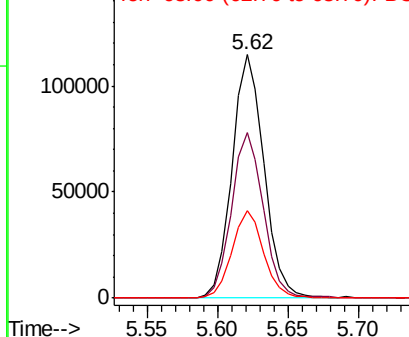
#5

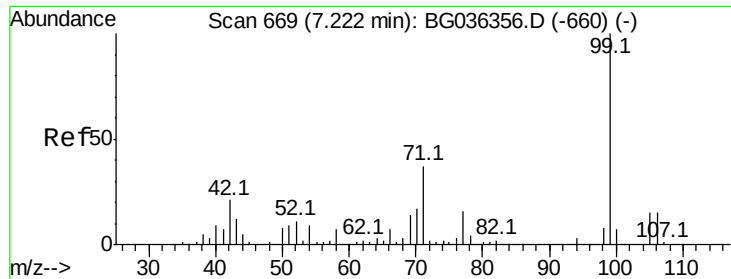
2-Fluorophenol
Concen: 50.738 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036664.D
Acq: 11 Sep 2018 20:07

Tgt Ion:112 Resp: 180586
Ion Ratio Lower Upper
112 100
64 68.0 57.2 85.8
63 35.7 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: 33.982 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036664.D

Acq: 11 Sep 2018 20:07

Instrument :

BNA_G

ClientSampleId :

090718-SIDI-F-D-B

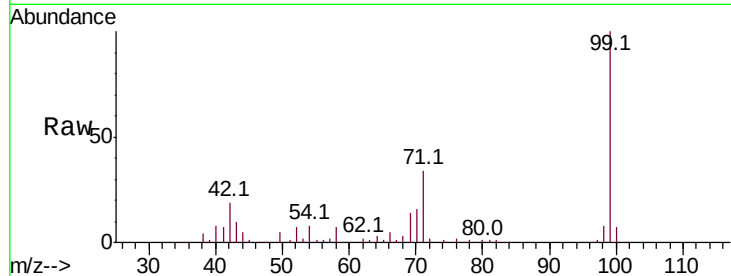
Tot Ion: 99 Resp: 173167

Ion Ratio Lower Upper

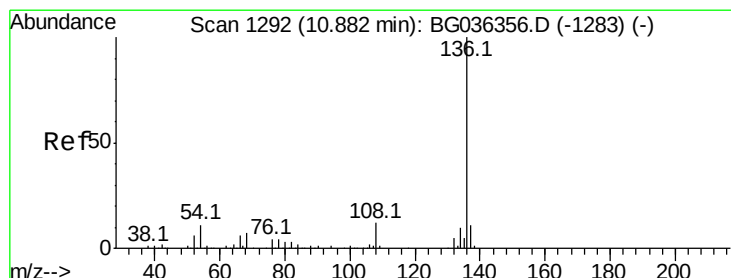
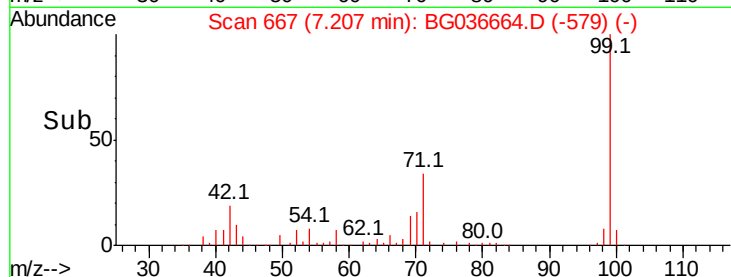
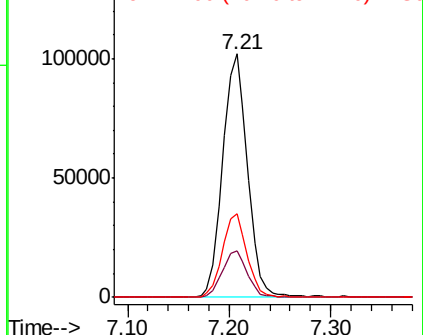
99 100

42 19.0 16.5 24.7

71 34.4 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: 10.86 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BG036664.D

Acq: 11 Sep 2018 20:07

Tgt Ion: 136 Resp: 238620

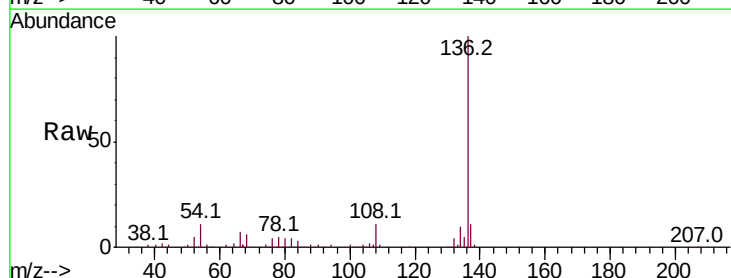
Ion Ratio Lower Upper

136 100

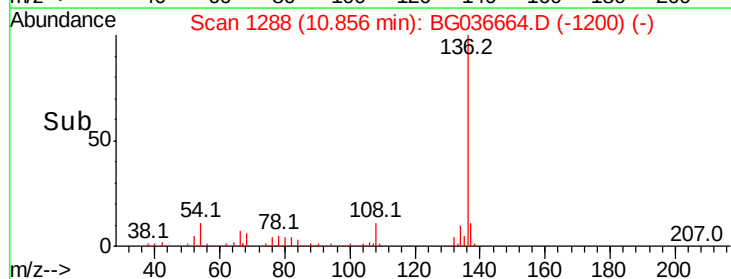
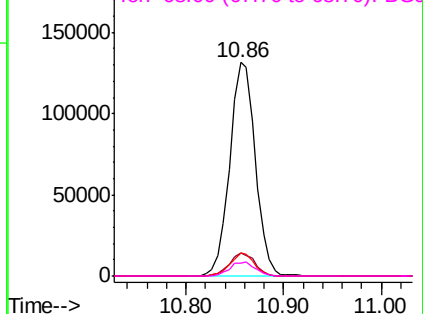
137 10.8 8.8 13.2

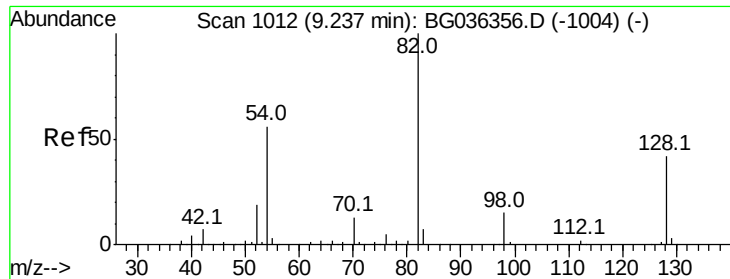
54 10.6 9.2 13.8

68 6.3 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

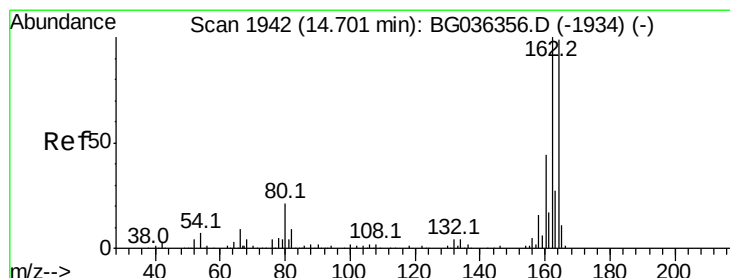
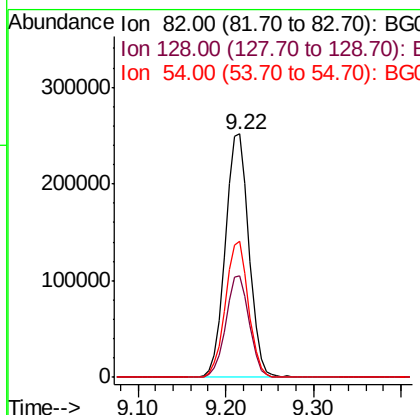
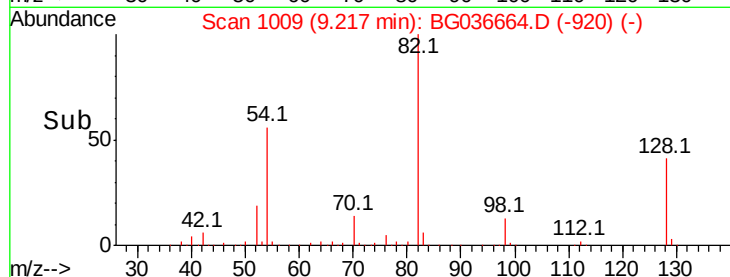
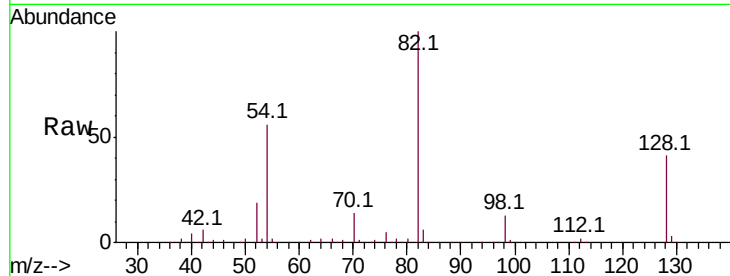




#23
Nitrobenzene-d5
Concen: 106.107 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036664.D
Acq: 11 Sep 2018 20:07

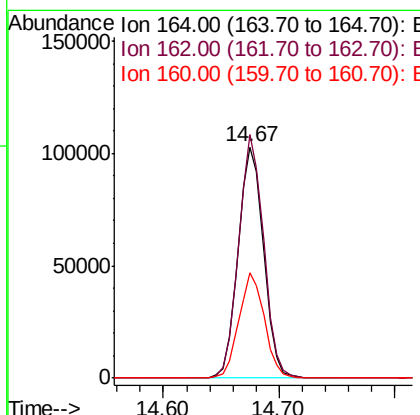
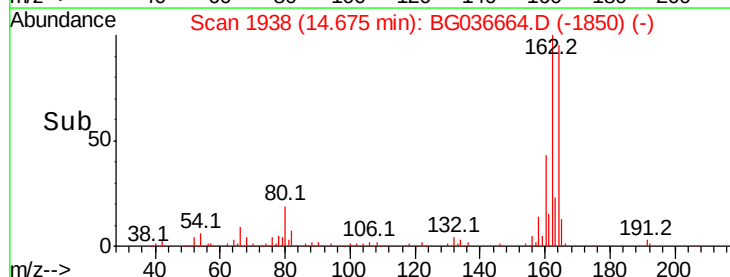
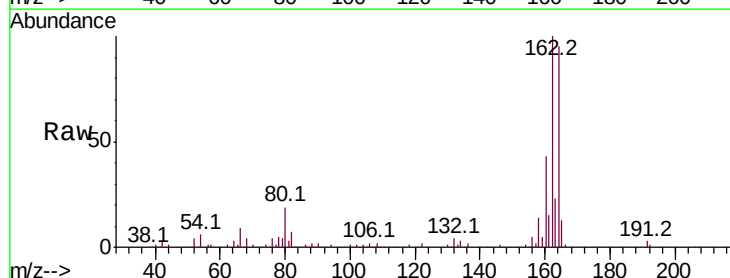
Instrument :
BNA_G
ClientSampleId :
090718-SIDI-F-D-B

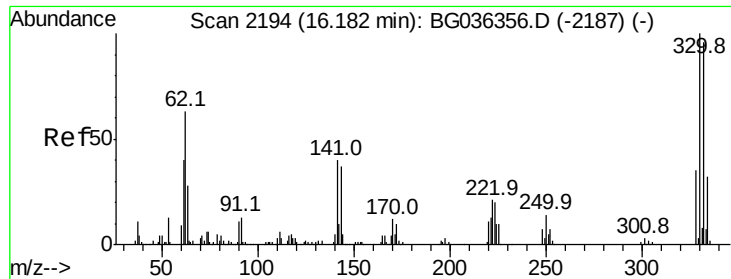
Tot Ion: 82 Resp: 466656
Ion Ratio Lower Upper
82 100
128 41.5 33.3 49.9
54 55.8 45.1 67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036664.D
Acq: 11 Sep 2018 20:07

Tgt Ion:164 Resp: 156830
Ion Ratio Lower Upper
164 100
162 105.4 80.7 121.1
160 45.7 35.3 52.9





#41

2,4,6-Tribromophenol

Concen: 100.719 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036664.D

Acq: 11 Sep 2018 20:07

Instrument :

BNA_G

ClientSampleId :

090718-SIDI-F-D-B

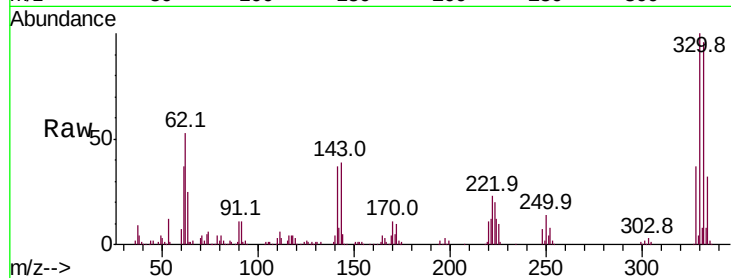
Tot Ion:330 Resp: 188478

Ion Ratio Lower Upper

330 100

332 95.2 75.4 113.2

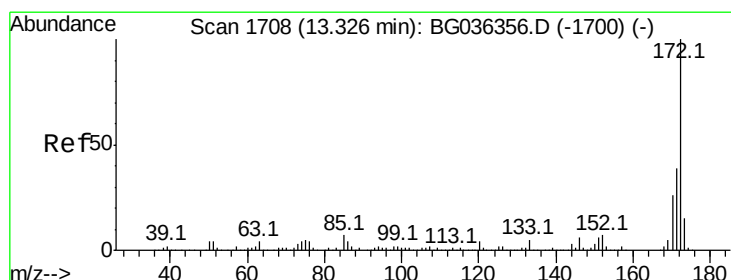
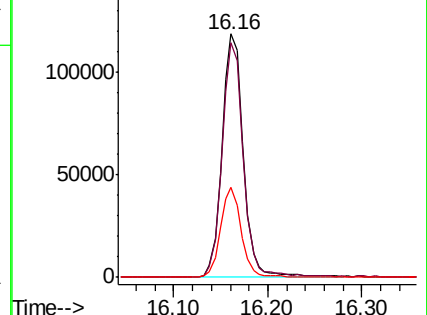
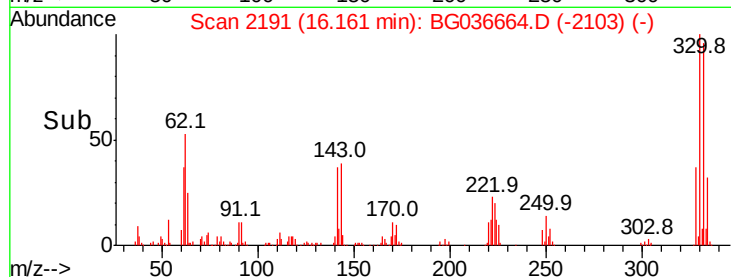
141 36.1 30.7 46.1



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: 98.066 ng

RT: 13.30 min Scan# 1704

Delta R.T. -0.01 min

Lab File: BG036664.D

Acq: 11 Sep 2018 20:07

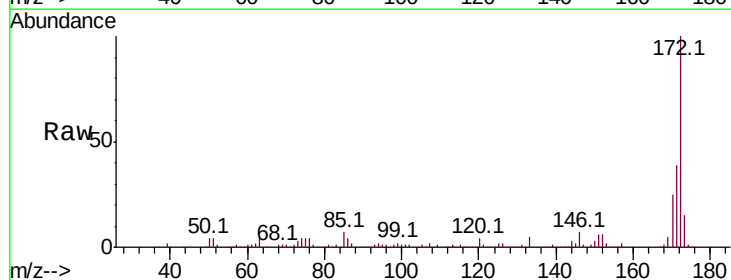
Tgt Ion:172 Resp: 1077141

Ion Ratio Lower Upper

172 100

171 38.9 31.3 46.9

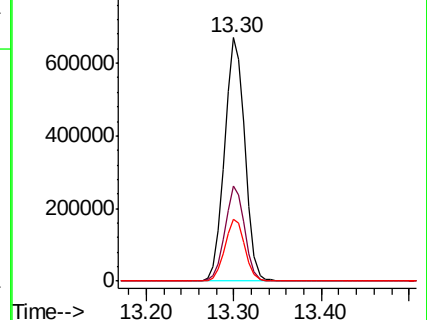
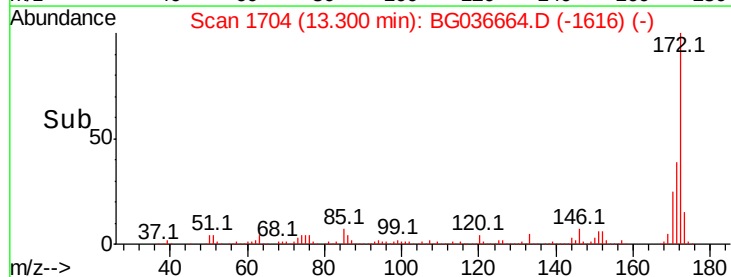
170 25.2 21.0 31.6

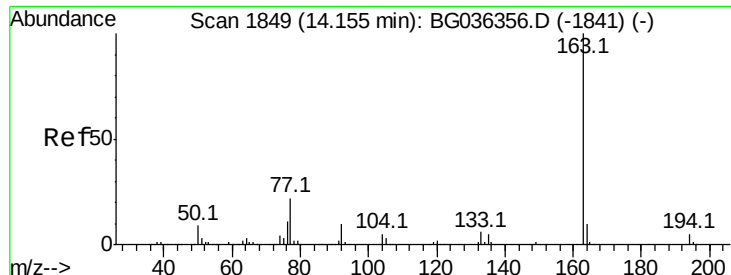


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

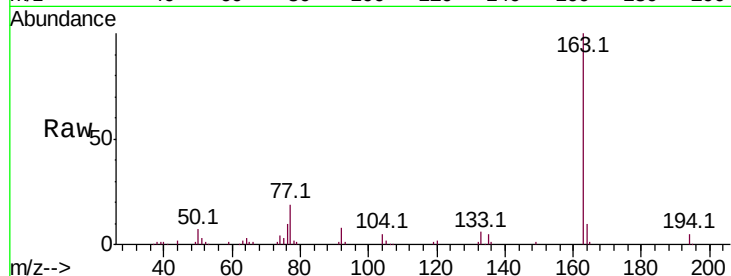




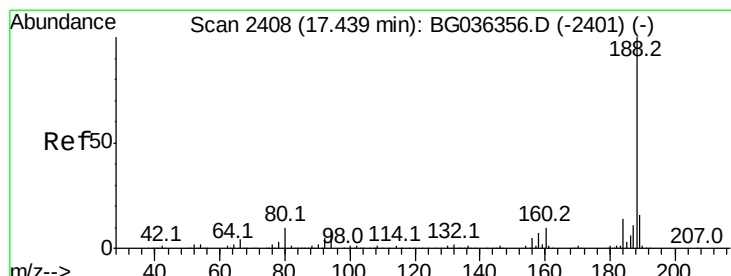
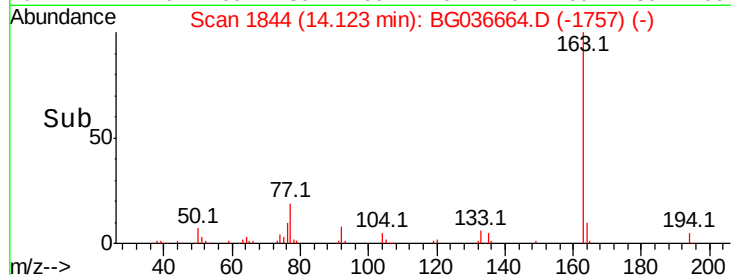
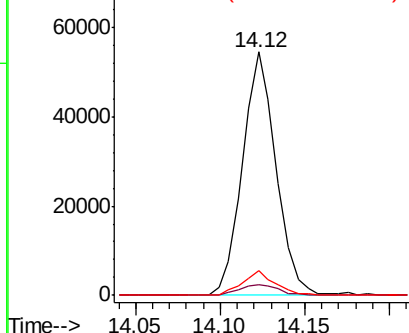
#49
Dimethylphthalate
Concen: 5.892 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BG036664.D
Acq: 11 Sep 2018 20:07

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

Tot Ion:163 Resp: 75459
Ion Ratio Lower Upper
163 100
194 4.5 4.0 6.0
164 10.2 8.1 12.1

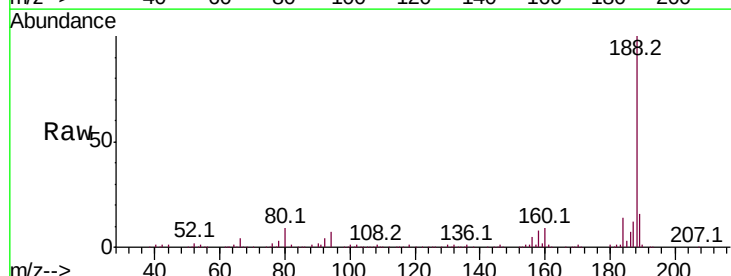


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

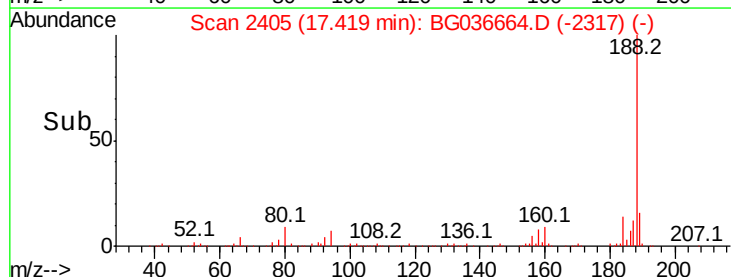
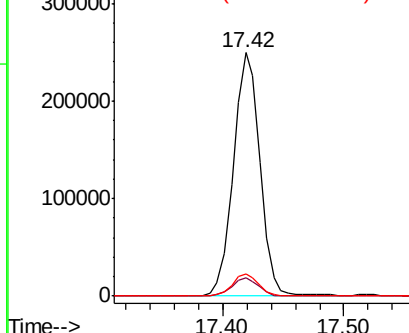


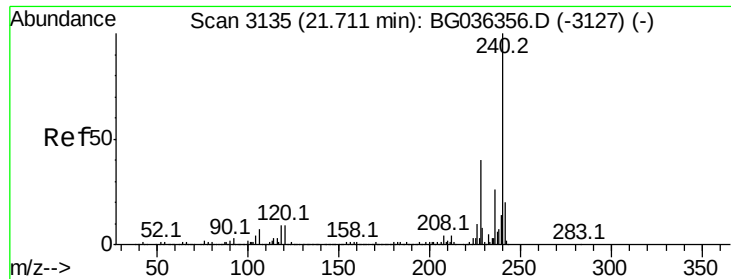
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036664.D
Acq: 11 Sep 2018 20:07

Tgt Ion:188 Resp: 380980
Ion Ratio Lower Upper
188 100
94 7.5 6.7 10.1
80 9.0 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: BG036664.D

Acq: 11 Sep 2018 20:07

Instrument :

BNA_G

ClientSampleId :

090718-SIDI-F-D-B

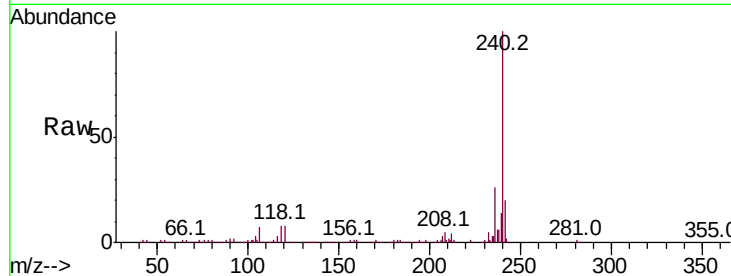
Tot Ion:240 Resp: 392336

Ion Ratio Lower Upper

240 100

120 8.0 6.9 10.3

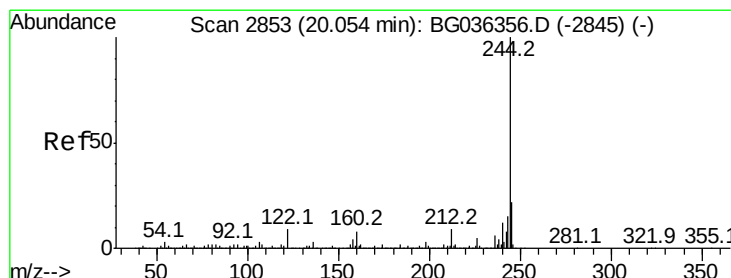
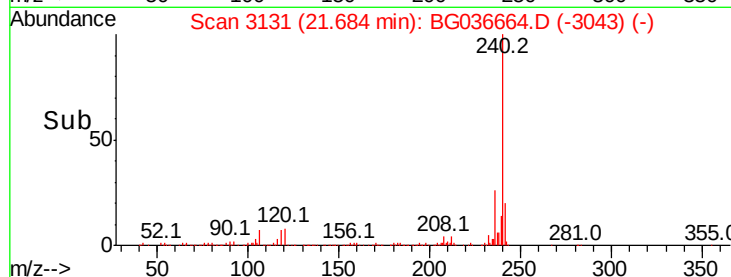
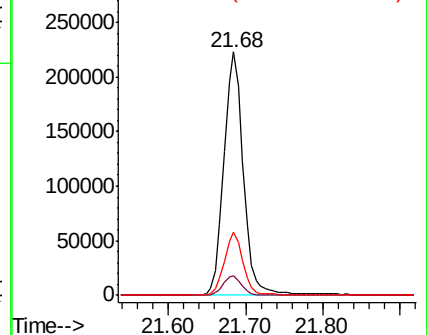
236 25.9 21.2 31.8



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: 97.920 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036664.D

Acq: 11 Sep 2018 20:07

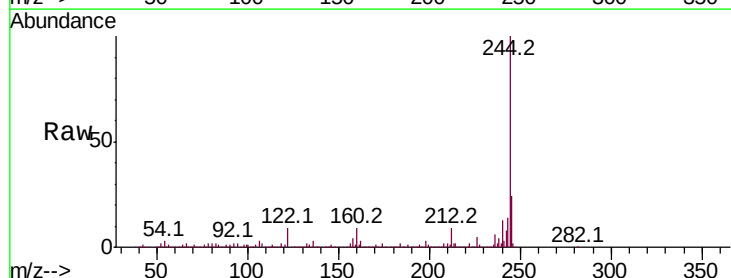
Tgt Ion:244 Resp: 1643647

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

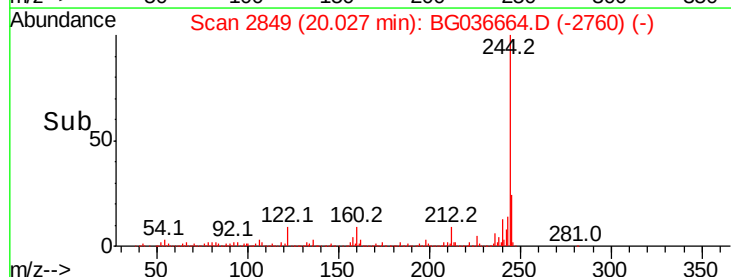
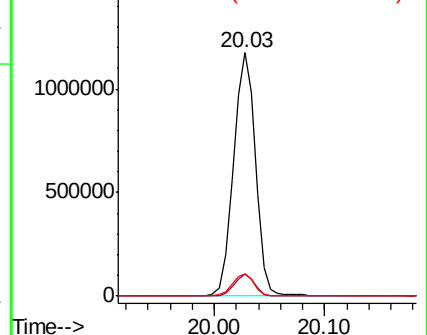
122 9.2 7.1 10.7

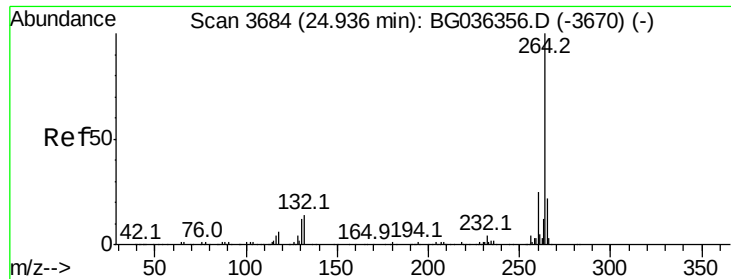


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

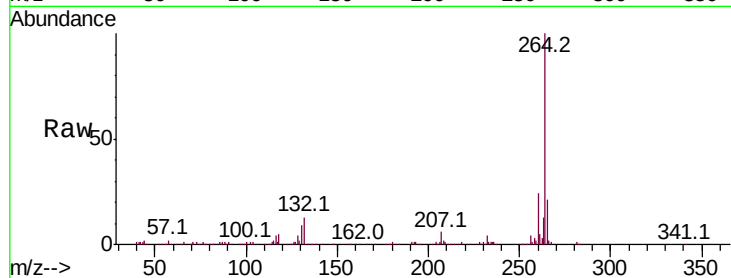




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG036664.D
Acq: 11 Sep 2018 20:07

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	21.2	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

