

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090718\
 Data File : BG036598.D
 Acq On : 7 Sep 2018 15:43
 Operator : JU/SJ
 Sample : J4798-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 090418-SIDI-E-D-B

Quant Time: Sep 07 17:11:52 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

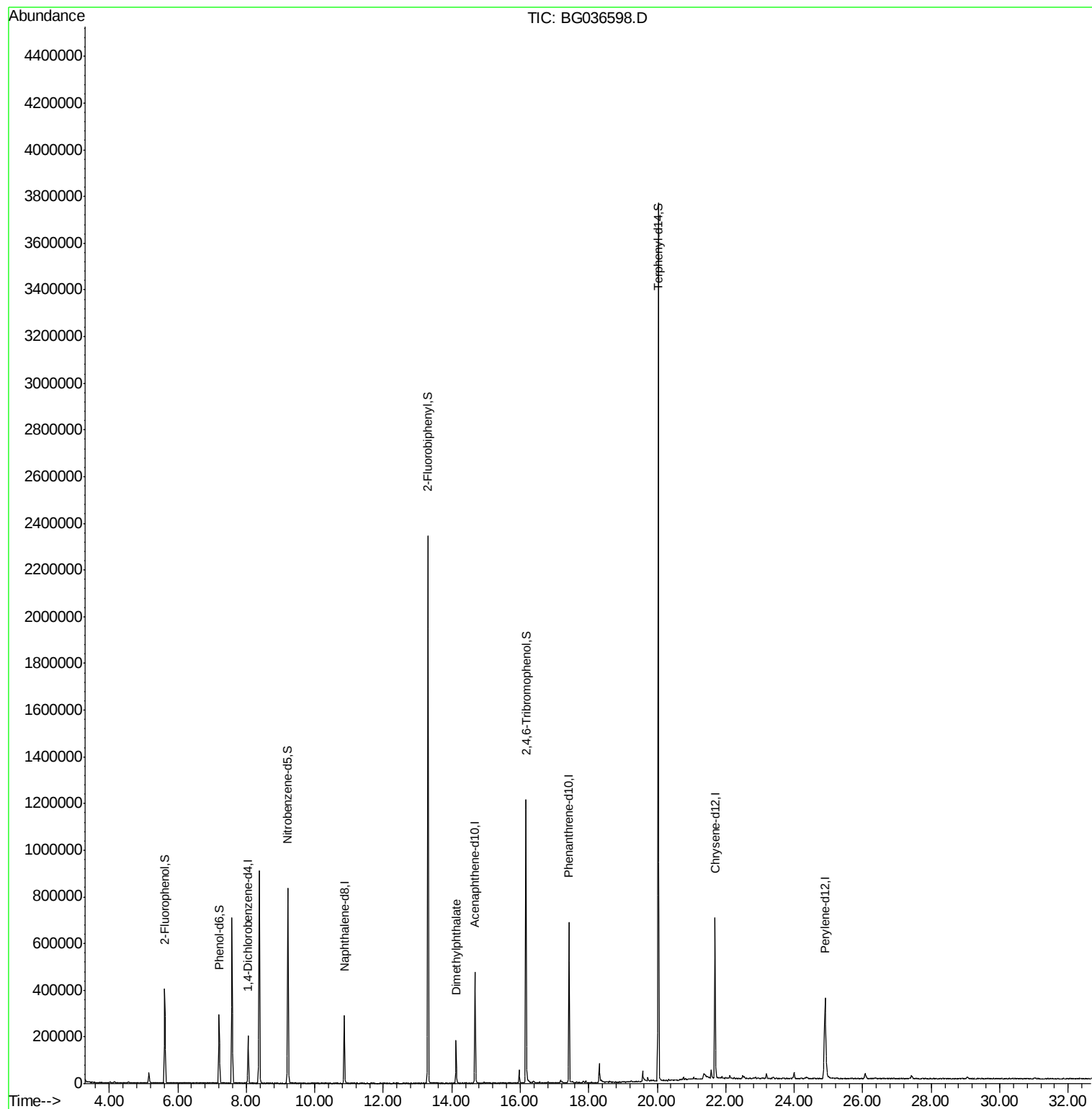
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	57637	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	248131	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	170043	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	430266	20.00	ng	0.00
75) Chrysene-d12	21.68	240	436347	20.00	ng	-0.01
86) Perylene-d12	24.90	264	427795	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	176410	48.55	ng	0.00
7) Phenol-d6	7.21	99	170344	32.74	ng	-0.01
23) Nitrobenzene-d5	9.22	82	508384	111.16	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	230604	113.65	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1181379	99.20	ng	0.00
78) Terphenyl-d14	20.03	244	1713911	91.81	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.13	163	121107	8.722	ng	Qvalue 99

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

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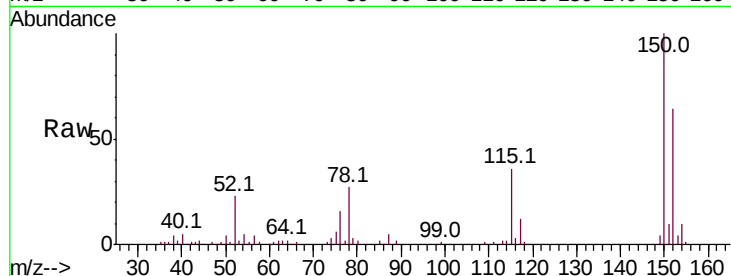


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BG036598.D
 Acq: 7 Sep 2018 15:43

Instrument :
 BNA_G
 ClientSampleId :
 090418-SIDI-E-D-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	119.5	179.3
115	56.7	44.5	66.7

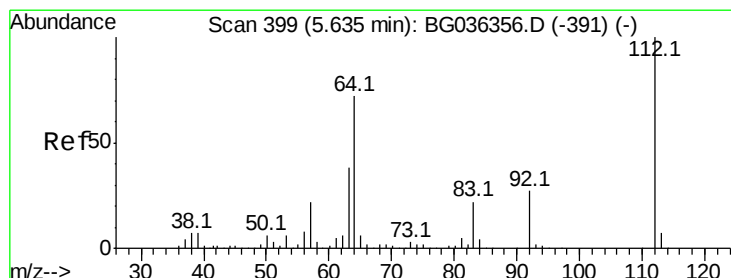
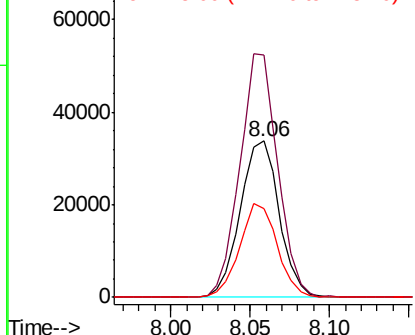
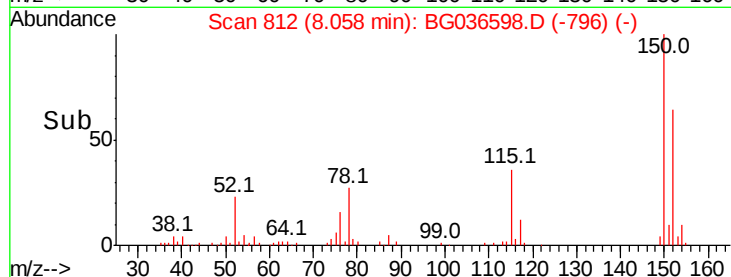


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

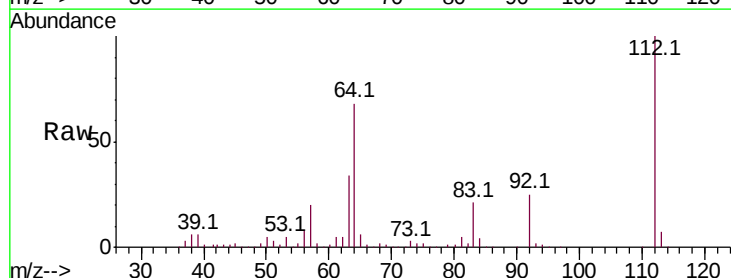
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 48.552 ng
 RT: 5.63 min Scan# 398
 Delta R.T. 0.00 min
 Lab File: BG036598.D
 Acq: 7 Sep 2018 15:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.7	57.2	85.8
63	34.1	30.8	46.2

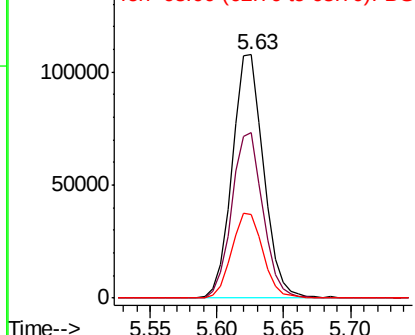
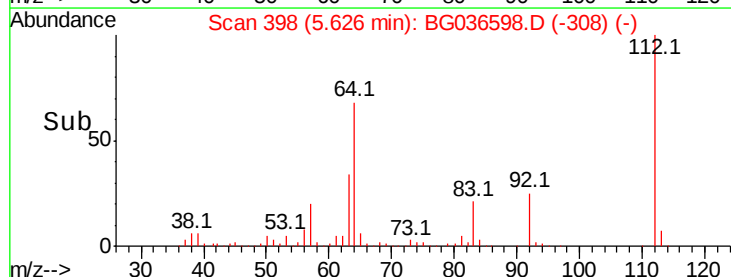


Abundance

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: 32.745 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036598.D

Acq: 7 Sep 2018 15:43

Instrument :

BNA_G

ClientSampleId :

090418-SIDI-E-D-B

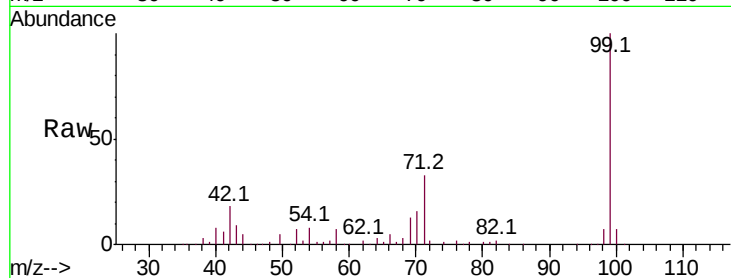
Tot Ion: 99 Resp: 170344

Ion Ratio Lower Upper

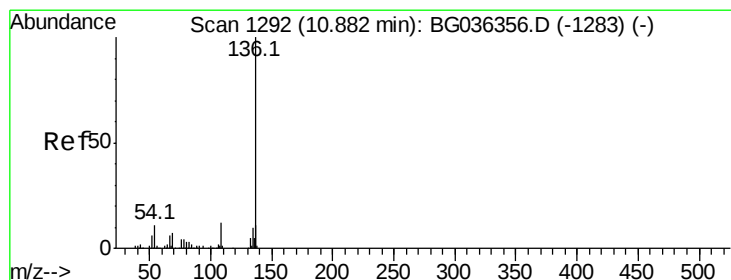
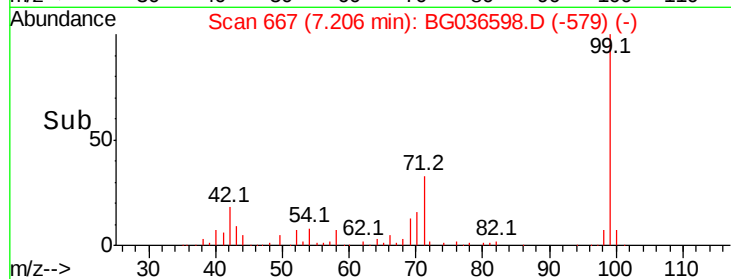
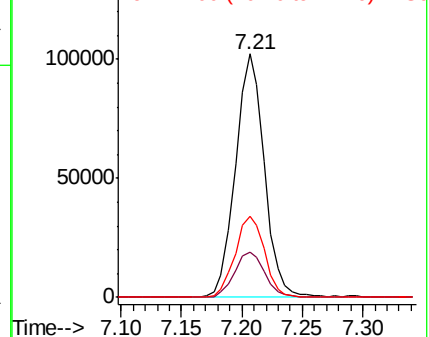
99 100

42 18.3 16.5 24.7

71 33.5 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# 1289

Delta R.T. -0.01 min

Lab File: BG036598.D

Acq: 7 Sep 2018 15:43

Tgt Ion: 136 Resp: 248131

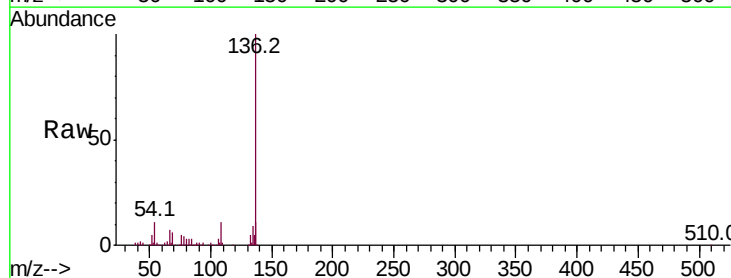
Ion Ratio Lower Upper

136 100

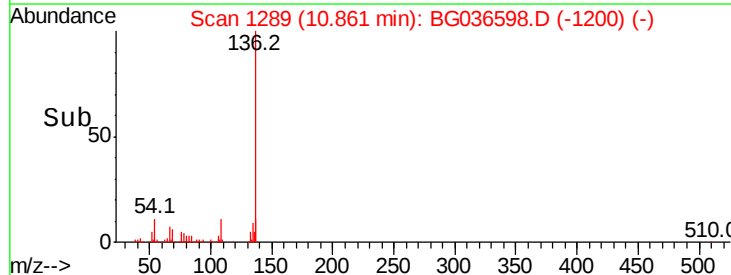
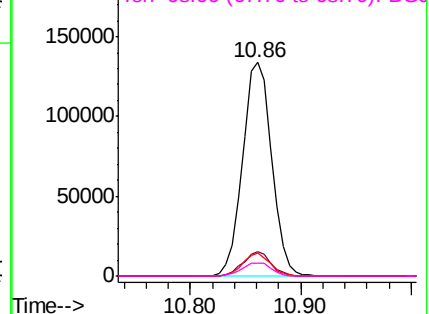
137 11.3 8.8 13.2

54 11.1 9.2 13.8

68 6.1 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

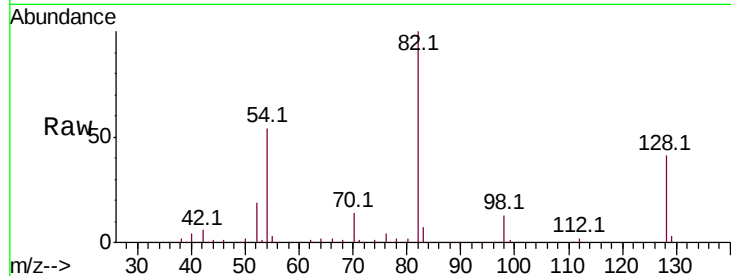




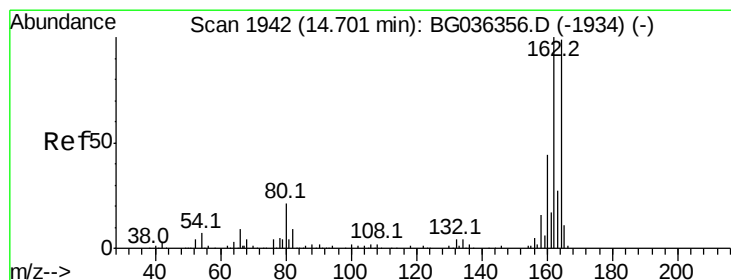
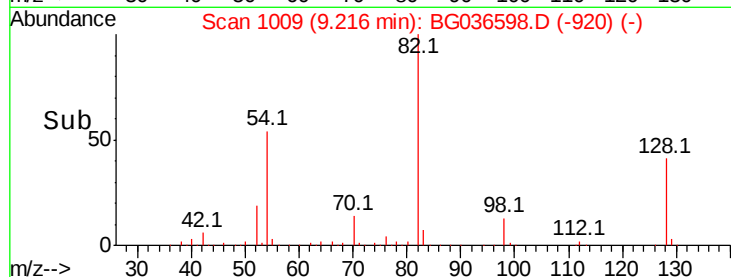
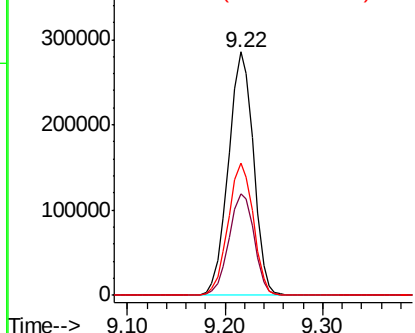
#23
Nitrobenzene-d5
Concen: 111.164 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG036598.D
Acq: 7 Sep 2018 15:43

Instrument :
BNA_G
ClientSampleId :
090418-SIDI-E-D-B

Tot Ion: 82 Resp: 508384
Ion Ratio Lower Upper
82 100
128 41.5 33.3 49.9
54 54.3 45.1 67.7

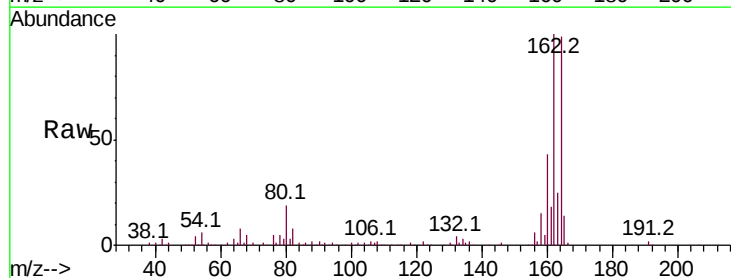


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

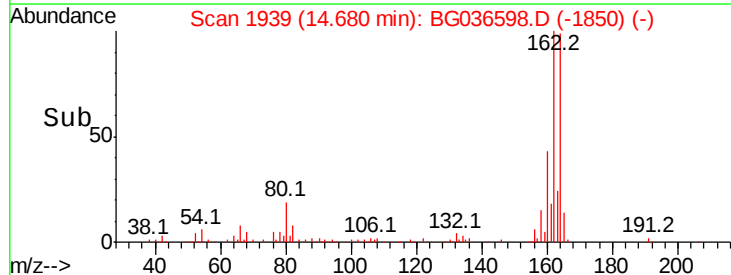
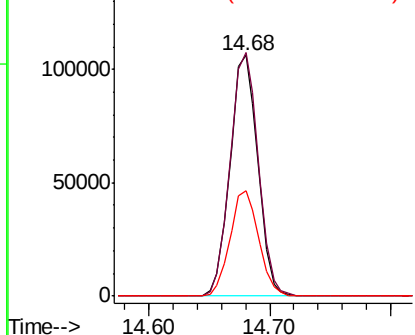


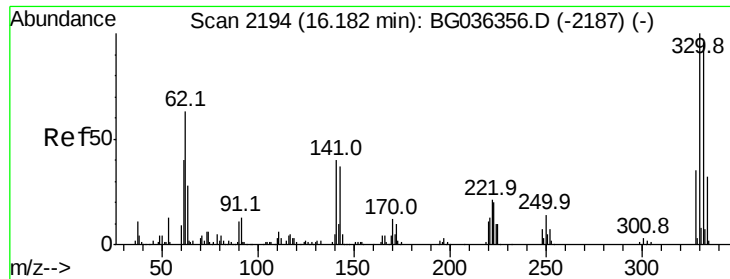
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG036598.D
Acq: 7 Sep 2018 15:43

Tgt Ion: 164 Resp: 170043
Ion Ratio Lower Upper
164 100
162 101.2 80.7 121.1
160 43.6 35.3 52.9



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

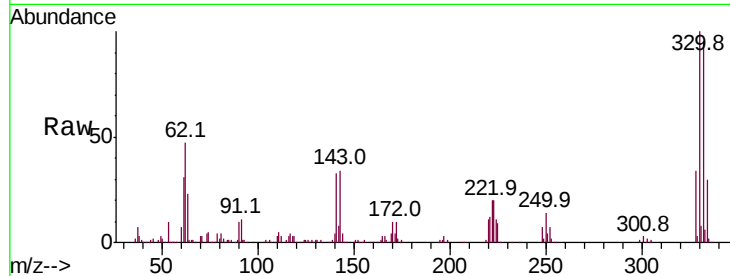




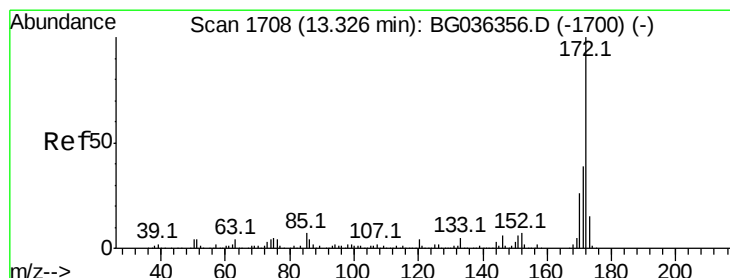
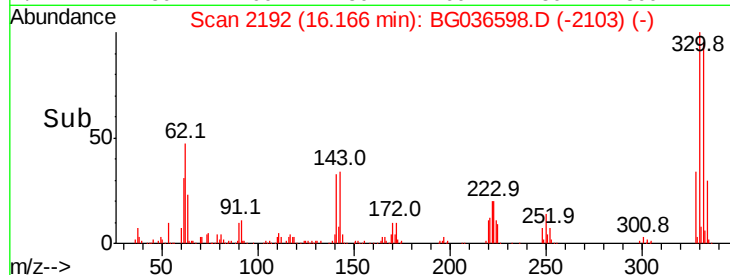
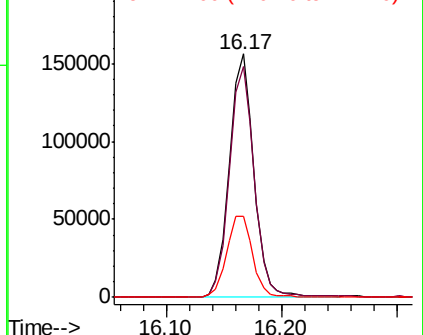
#41
 2,4,6-Tribromophenol
 Concen: 113.654 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036598.D
 Acq: 7 Sep 2018 15:43

Instrument :
 BNA_G
 ClientSampleId :
 090418-SIDI-E-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.4	113.2
141	35.8	30.7	46.1

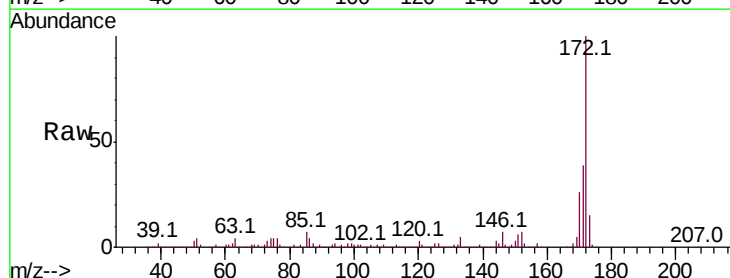


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

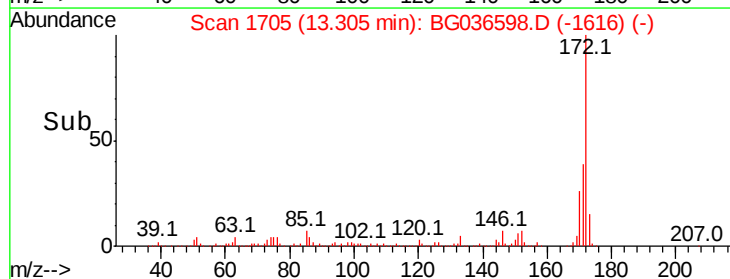
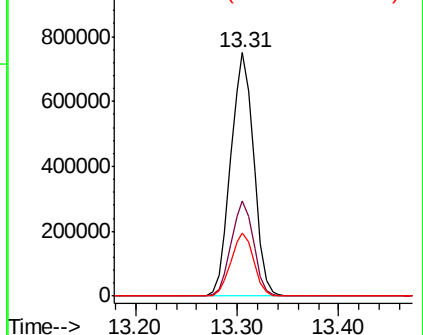


#44
 2-Fluorobiphenyl
 Concen: 99.198 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG036598.D
 Acq: 7 Sep 2018 15:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.3	46.9
170	26.2	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: 8.722 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BG036598.D

Acq: 7 Sep 2018 15:43

Instrument :

BNA_G

ClientSampleId :

090418-SIDI-E-D-B

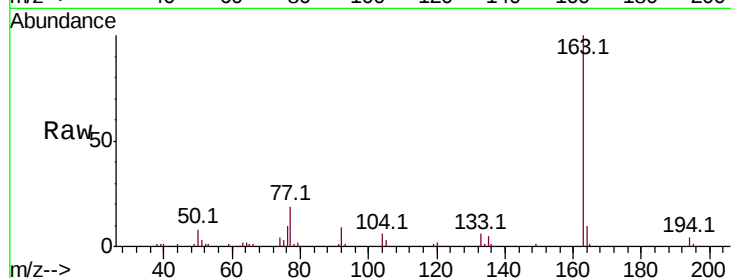
Tot Ion:163 Resp: 121107

Ion Ratio Lower Upper

163 100

194 4.4 4.0 6.0

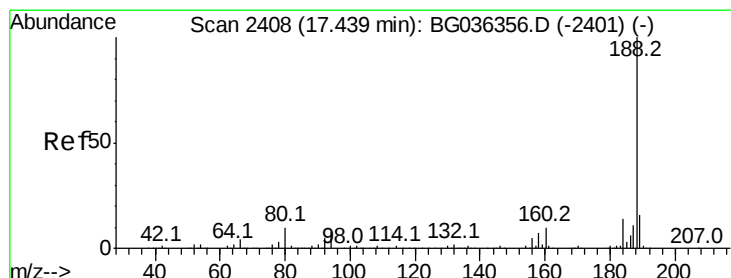
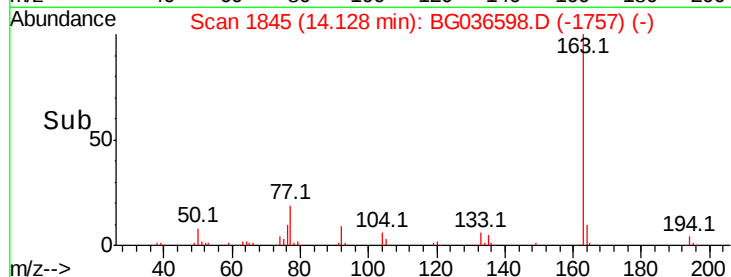
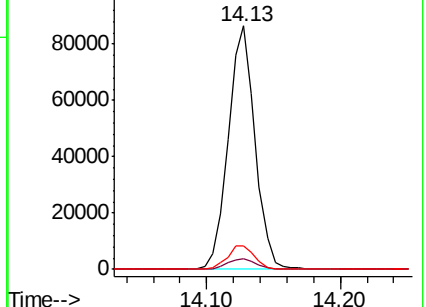
164 9.7 8.1 12.1



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# 2406

Delta R.T. -0.01 min

Lab File: BG036598.D

Acq: 7 Sep 2018 15:43

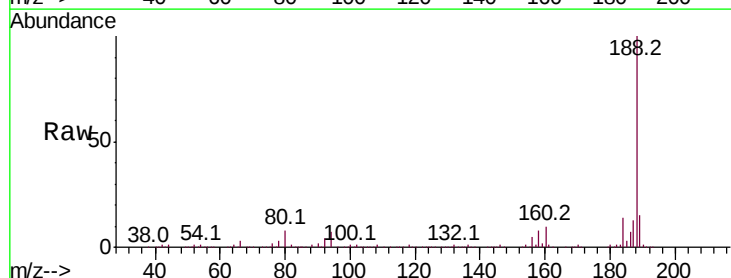
Tgt Ion:188 Resp: 430266

Ion Ratio Lower Upper

188 100

94 7.5 6.7 10.1

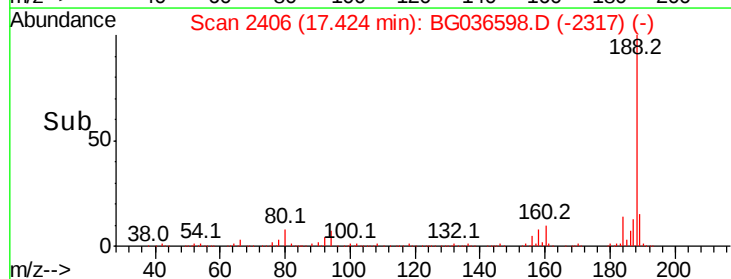
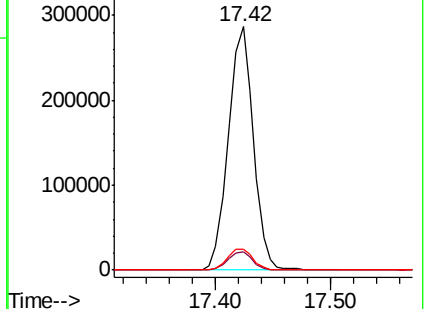
80 8.4 8.1 12.1

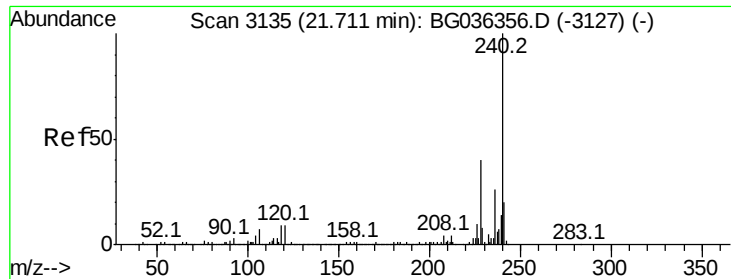


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036598.D

Acq: 7 Sep 2018 15:43

Instrument :

BNA_G

ClientSampleId :

090418-SIDI-E-D-B

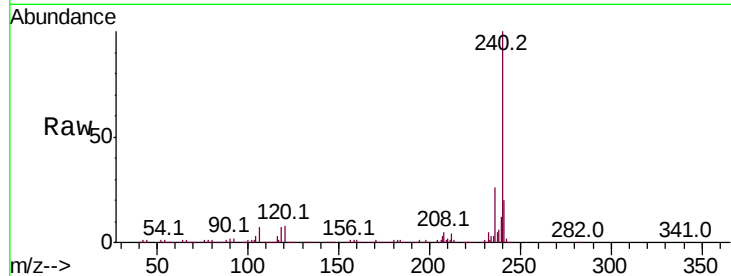
Tot Ion:240 Resp: 436347

Ion Ratio Lower Upper

240 100

120 8.4 6.9 10.3

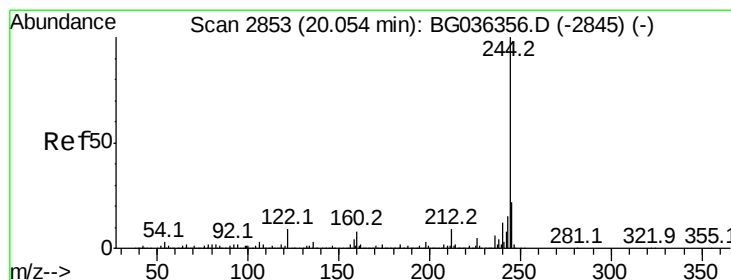
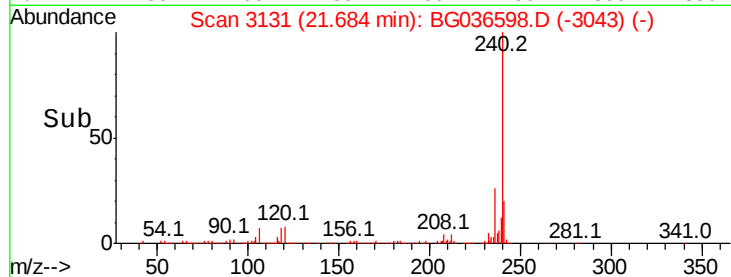
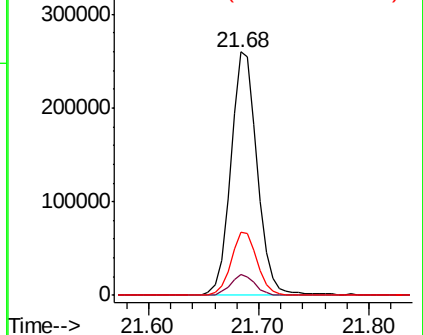
236 26.1 21.2 31.8



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: 91.808 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036598.D

Acq: 7 Sep 2018 15:43

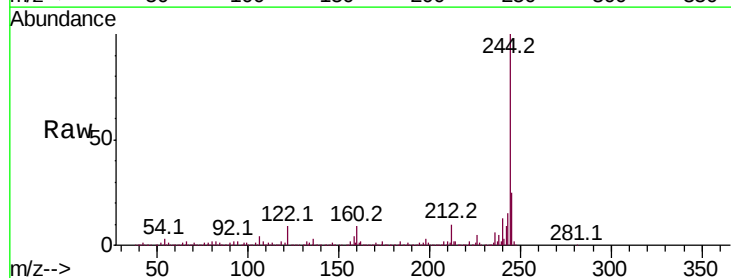
Tgt Ion:244 Resp: 1713911

Ion Ratio Lower Upper

244 100

212 9.6 7.0 10.6

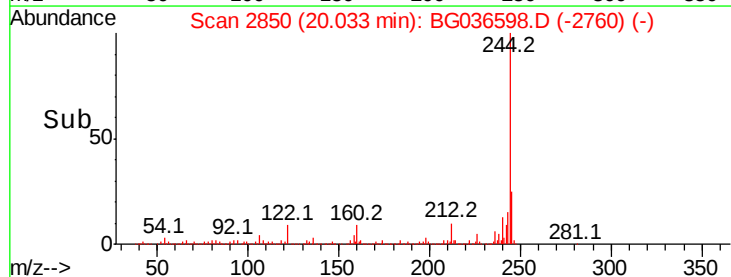
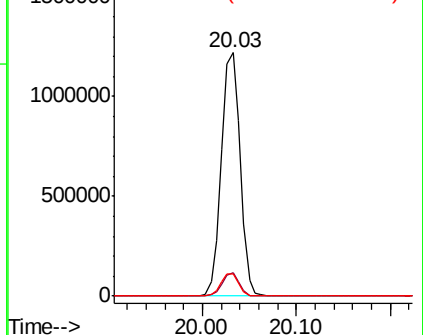
122 9.1 7.1 10.7

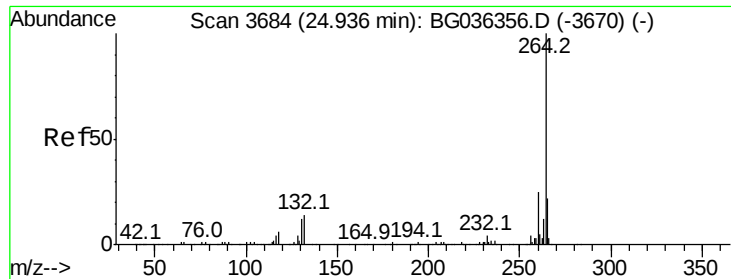


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

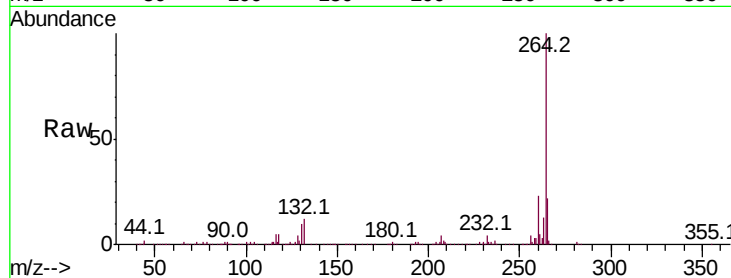




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3678
 Delta R.T. -0.01 min
 Lab File: BG036598.D
 Acq: 7 Sep 2018 15:43

Instrument :
 BNA_G
 ClientSampleId :
 090418-SIDI-E-D-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.6	29.4
265	21.7	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

