

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
 Data File : BG036404.D
 Acq On : 24 Aug 2018 8:35
 Operator : JU/SJ
 Sample : J4568-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 081718-SIDI-E-D-B

Quant Time: Aug 24 10:49:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

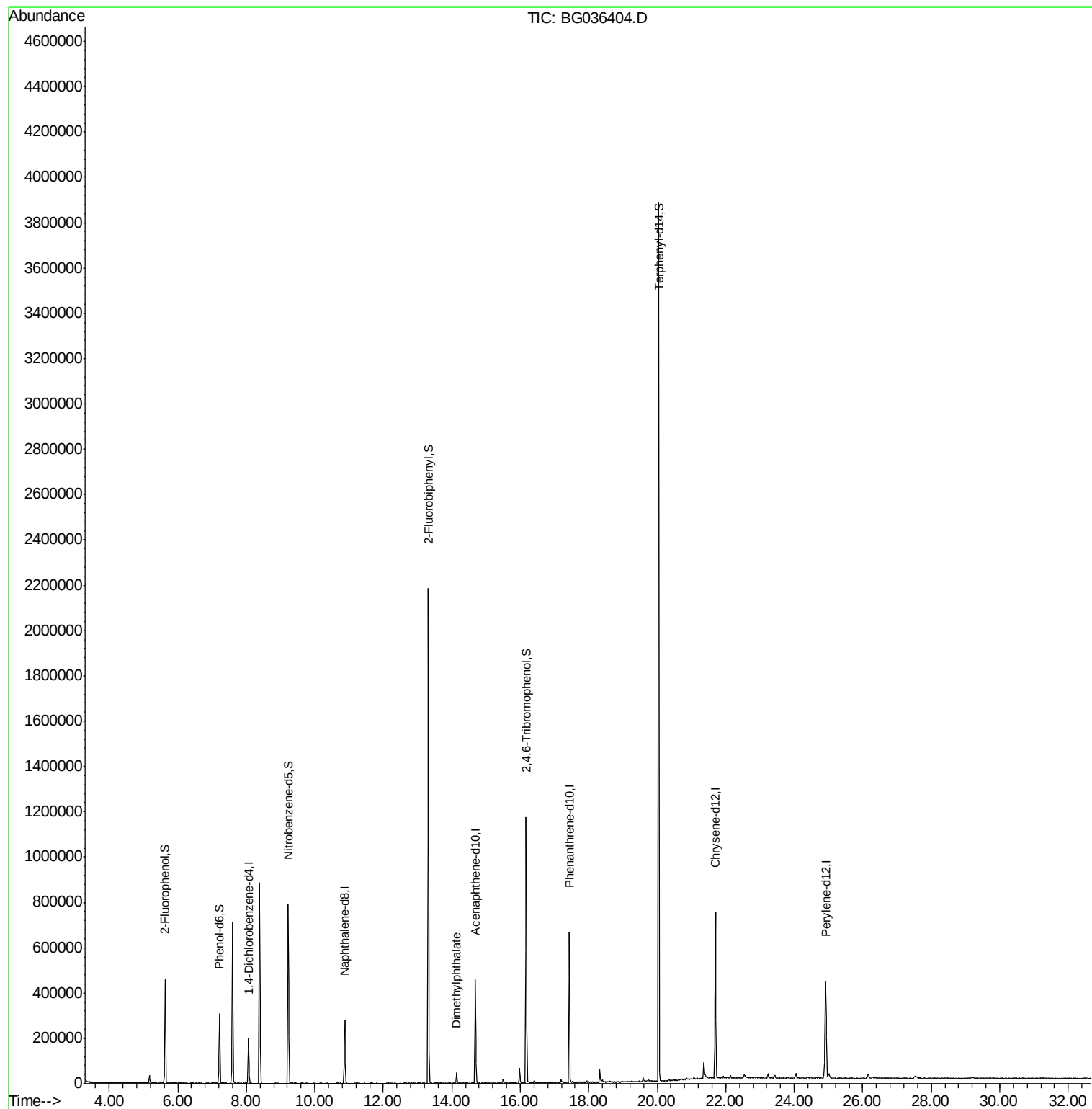
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	55787	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	228690	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	153770	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	397883	20.00	ng	0.00
75) Chrysene-d12	21.70	240	448366	20.00	ng	-0.01
86) Perylene-d12	24.92	264	454577	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	188521	53.61	ng	0.00
7) Phenol-d6	7.22	99	175372	34.83	ng	0.00
23) Nitrobenzene-d5	9.23	82	464192	110.13	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	216182	117.82	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	1085984	100.84	ng	0.00
78) Terphenyl-d14	20.05	244	1747592	91.10	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.14	163	31388	2.500	ng	Qvalue # 98

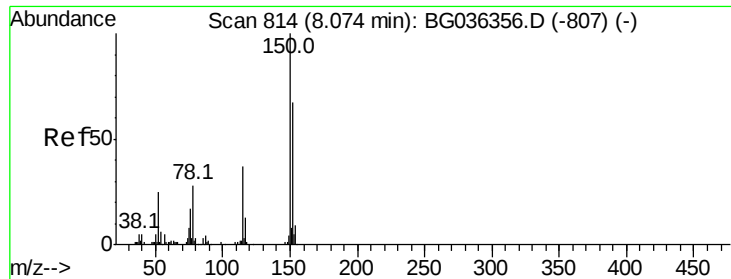
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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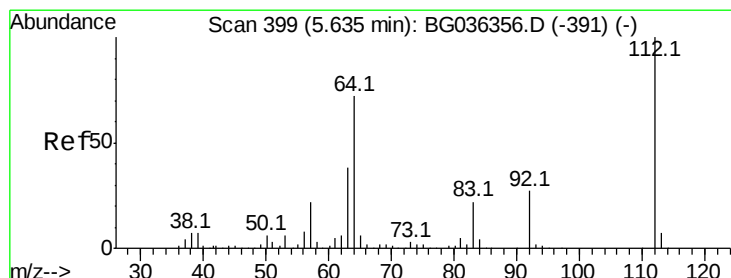
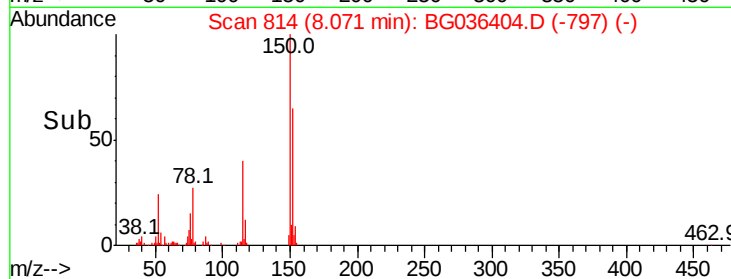
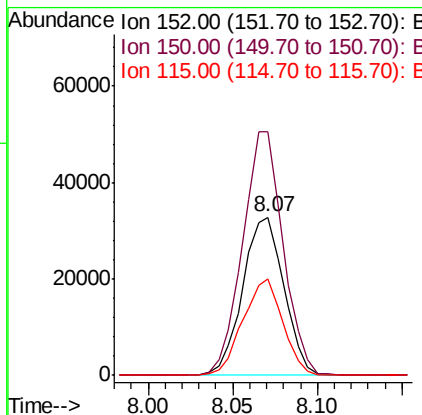
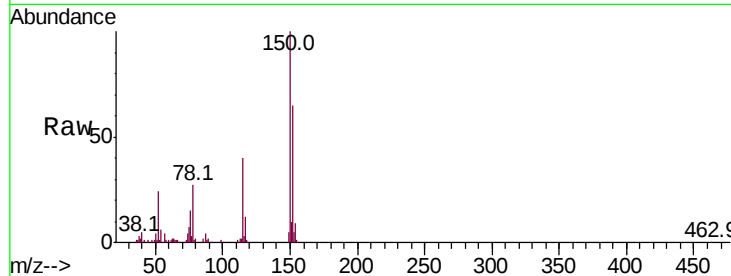


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG036404.D
Acq: 24 Aug 2018 8:35

Instrument :
BNA_G
ClientSampleId :
081718-SIDI-E-D-B

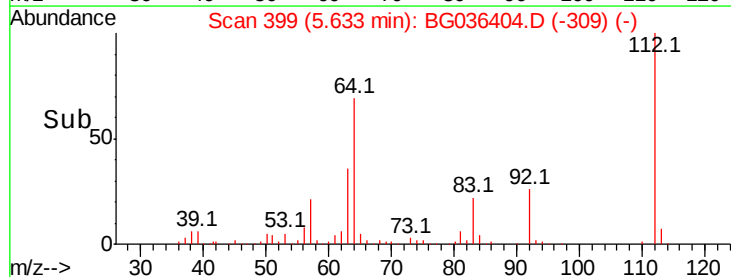
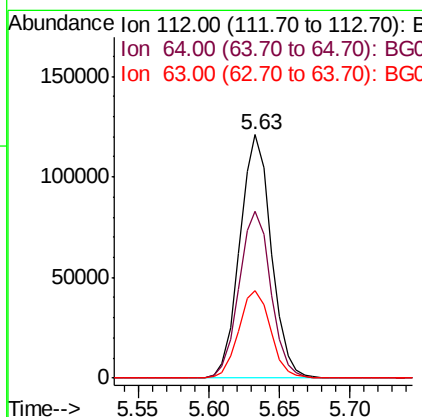
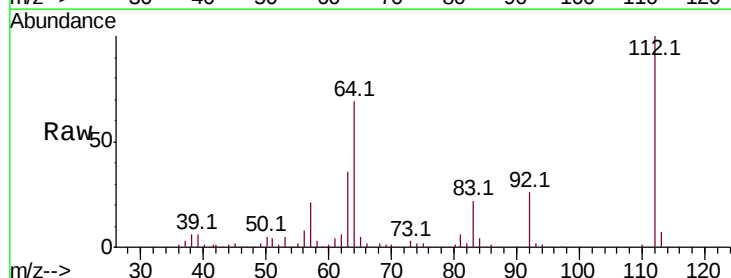
Tot Ion:152 Resp: 55787
Ion Ratio Lower Upper
152 100
150 153.6 119.5 179.3
115 60.7 44.5 66.7

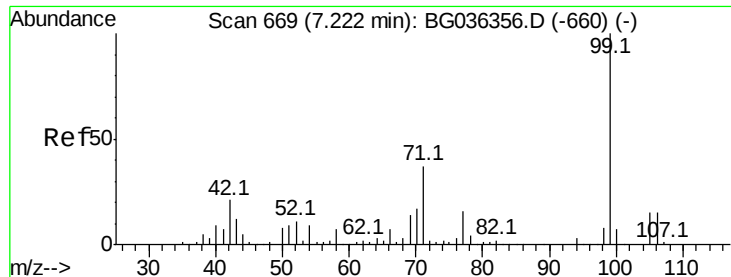


#5

2-Fluorophenol
Concen: 53.606 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036404.D
Acq: 24 Aug 2018 8:35

Tgt Ion:112 Resp: 188521
Ion Ratio Lower Upper
112 100
64 68.7 57.2 85.8
63 35.9 30.8 46.2





#7

Phenol-d6

Concen: 34.829 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036404.D

Acq: 24 Aug 2018 8:35

Instrument :

BNA_G

ClientSampleId :

081718-SIDI-E-D-B

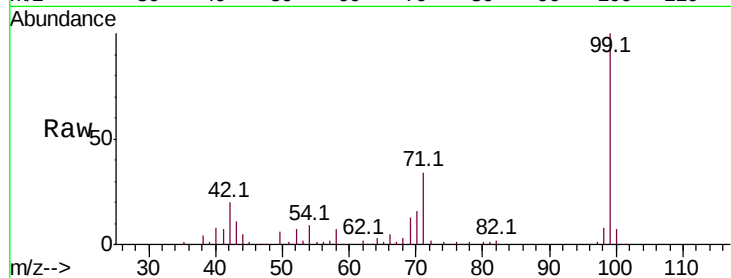
Tot Ion: 99 Resp: 175372

Ion Ratio Lower Upper

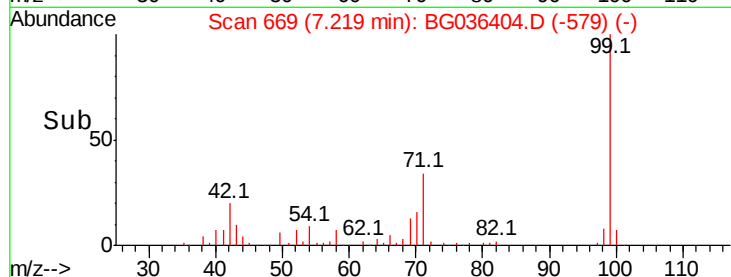
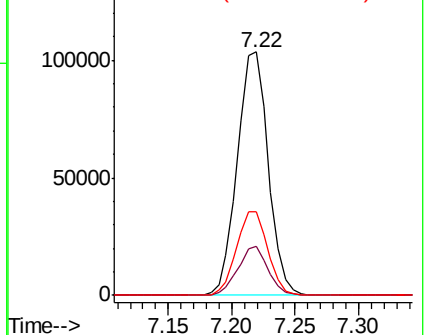
99 100

42 20.1 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: 10.87 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BG036404.D

Acq: 24 Aug 2018 8:35

Tgt Ion: 136 Resp: 228690

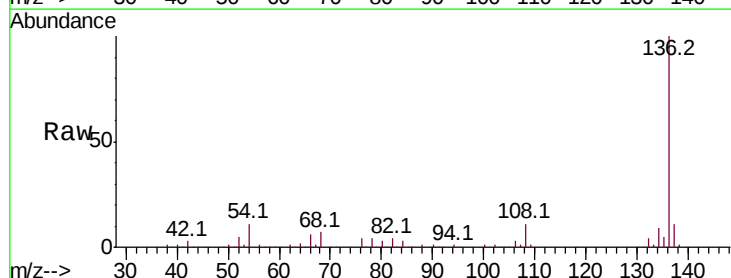
Ion Ratio Lower Upper

136 100

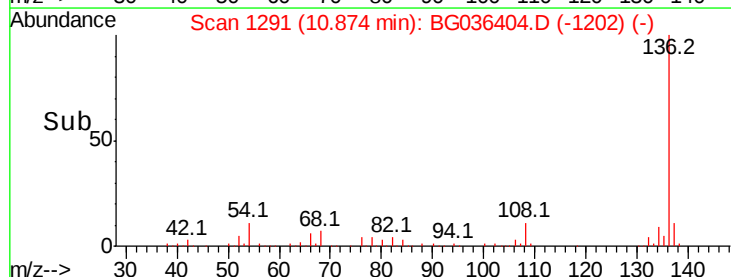
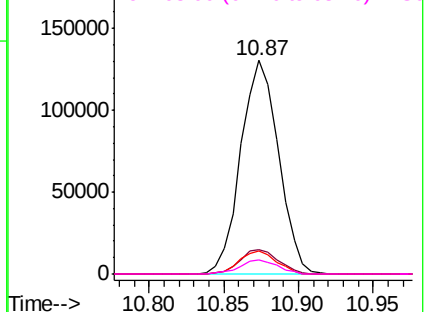
137 11.4 8.8 13.2

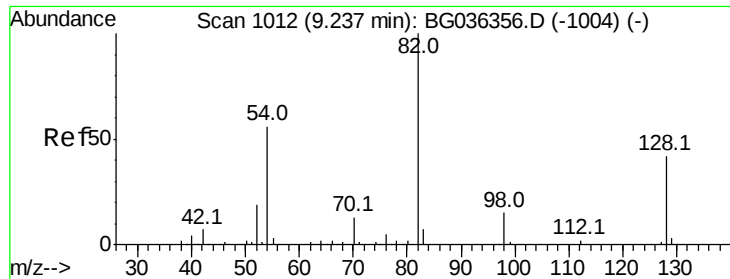
54 11.0 9.2 13.8

68 6.9 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

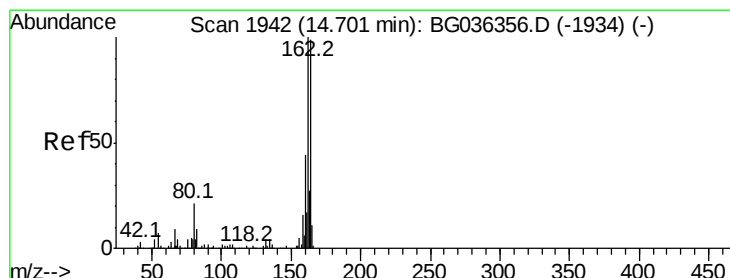
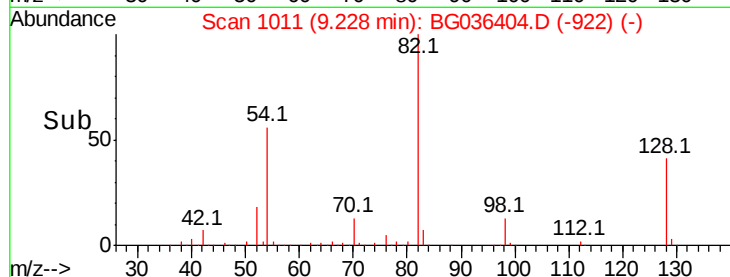
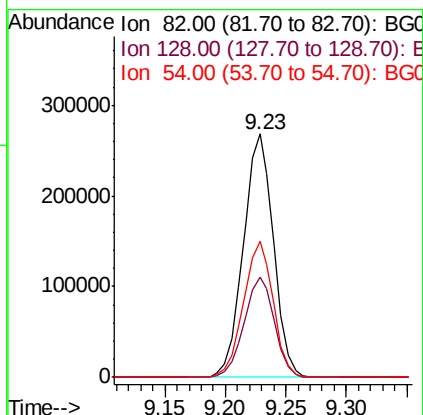
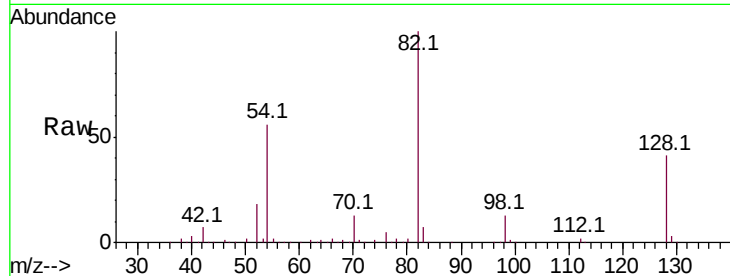




#23
 Nitrobenzene-d5
 Concen: 110.130 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG036404.D
 Acq: 24 Aug 2018 8:35

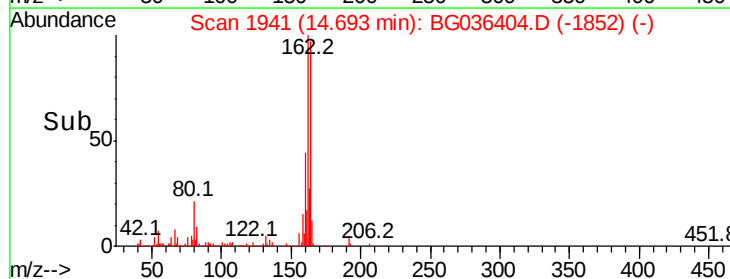
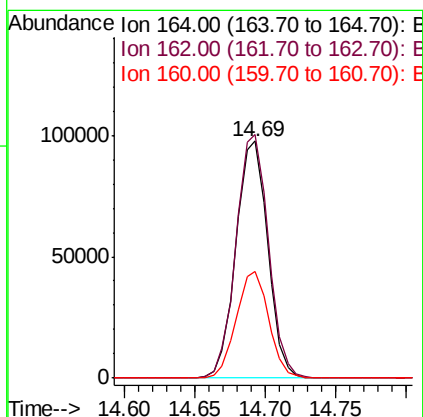
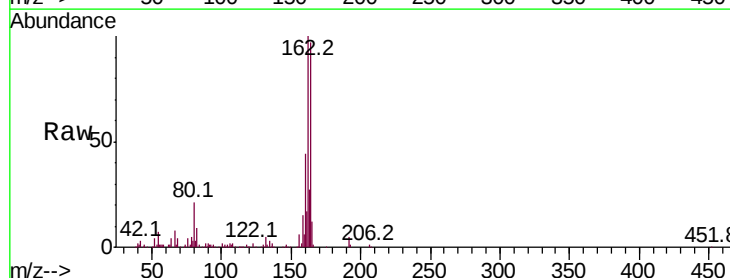
Instrument :
 BNA_G
 ClientSampleId :
 081718-SIDI-E-D-B

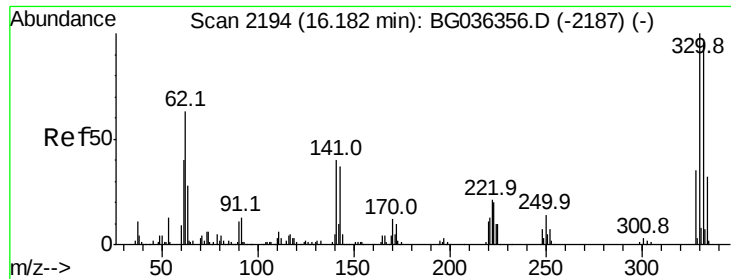
Tot Ion: 82 Resp: 464192
 Ion Ratio Lower Upper
 82 100
 128 41.1 33.3 49.9
 54 56.0 45.1 67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1941
 Delta R.T. -0.01 min
 Lab File: BG036404.D
 Acq: 24 Aug 2018 8:35

Tgt Ion: 164 Resp: 153770
 Ion Ratio Lower Upper
 164 100
 162 102.8 80.7 121.1
 160 44.9 35.3 52.9

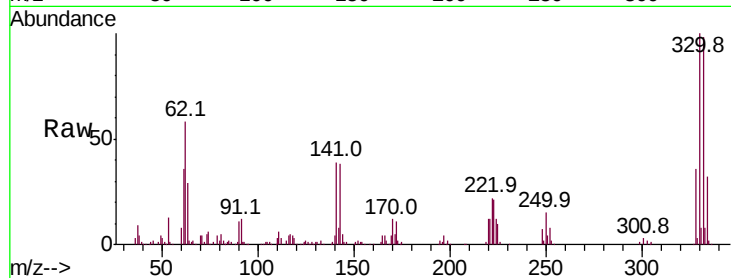




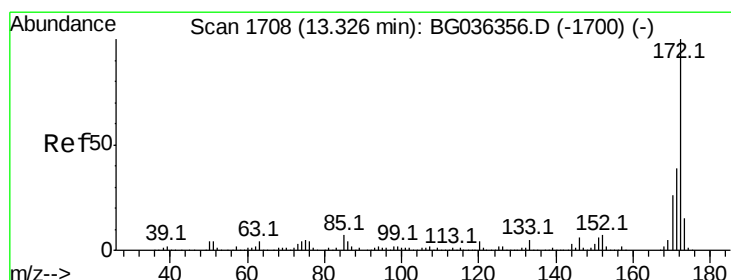
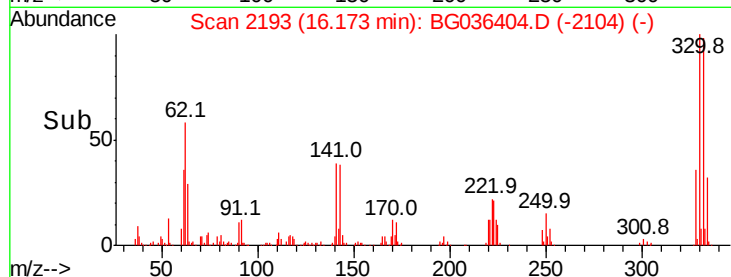
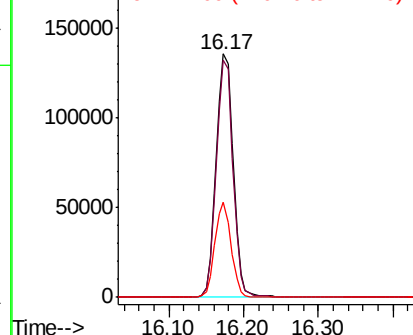
#41
 2,4,6-Tribromophenol
 Concen: 117.822 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036404.D
 Acq: 24 Aug 2018 8:35

Instrument :
 BNA_G
 ClientSampleId :
 081718-SIDI-E-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	75.4	113.2
141	37.1	30.7	46.1

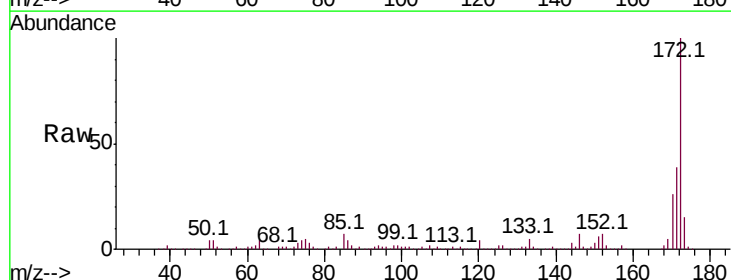


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

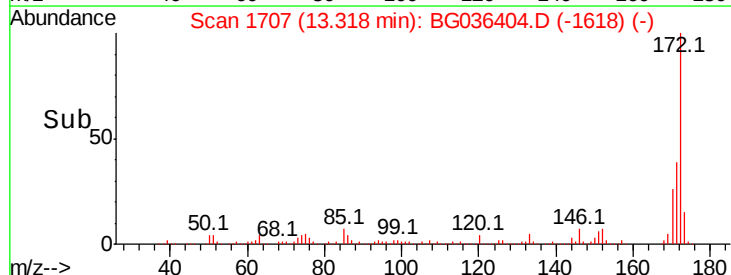
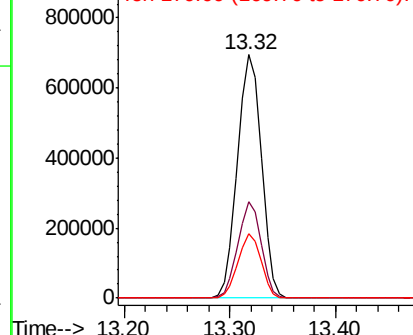


#44
 2-Fluorobiphenyl
 Concen: 100.838 ng
 RT: 13.32 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG036404.D
 Acq: 24 Aug 2018 8:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.5	31.3	46.9
170	26.5	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: 2.500 ng

RT: 14.14 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BG036404.D

Acq: 24 Aug 2018 8:35

Instrument :

BNA_G

ClientSampleId :

081718-SIDI-E-D-B

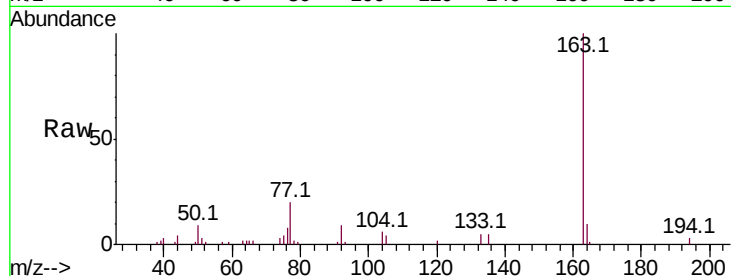
Tot Ion:163 Resp: 31388

Ion Ratio Lower Upper

163 100

194 3.3 4.0 6.0#

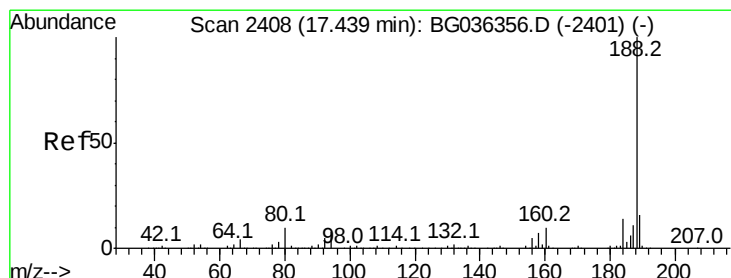
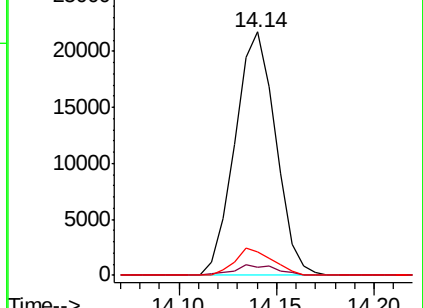
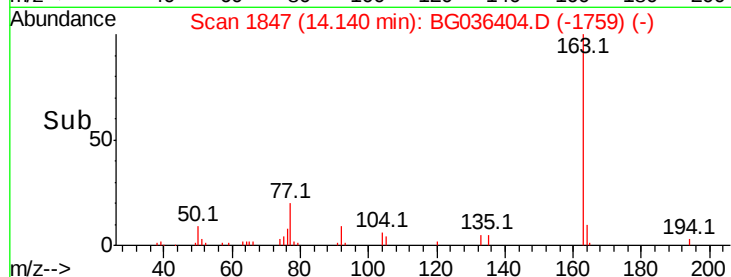
164 9.7 8.1 12.1



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: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG036404.D

Acq: 24 Aug 2018 8:35

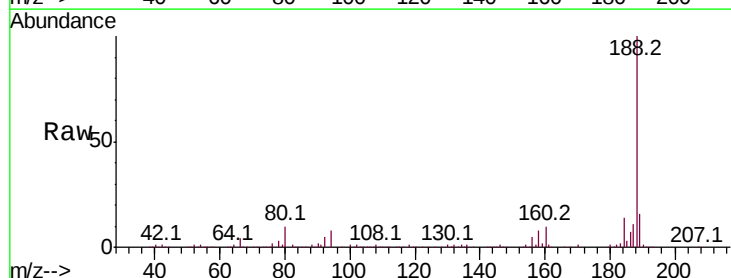
Tgt Ion:188 Resp: 397883

Ion Ratio Lower Upper

188 100

94 8.4 6.7 10.1

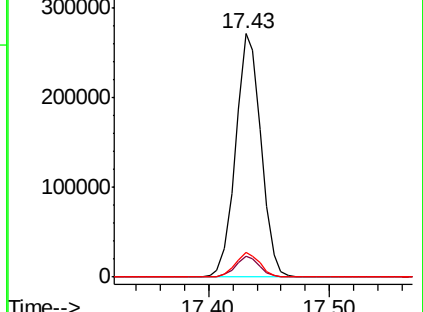
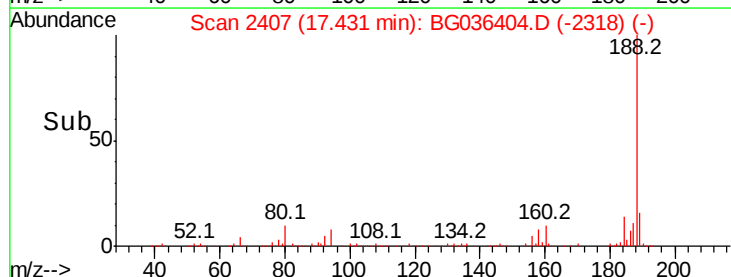
80 9.9 8.1 12.1

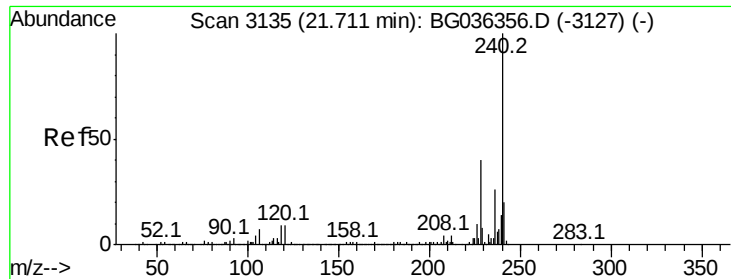


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.70 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BG036404.D

Acq: 24 Aug 2018 8:35

Instrument :

BNA_G

ClientSampleId :

081718-SIDI-E-D-B

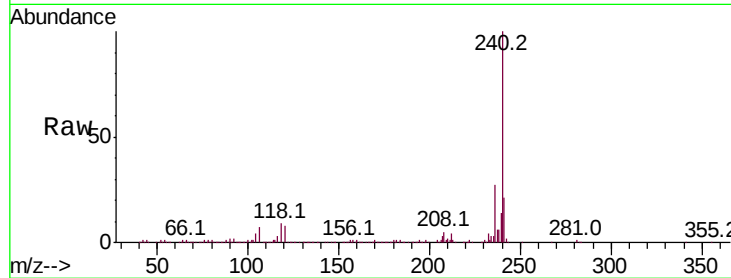
Tot Ion:240 Resp: 448366

Ion Ratio Lower Upper

240 100

120 8.4 6.9 10.3

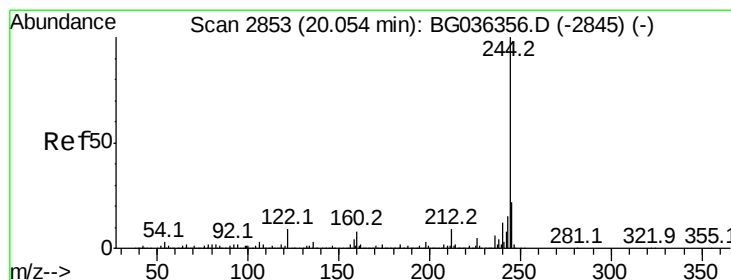
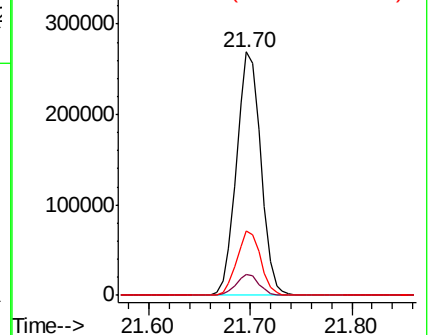
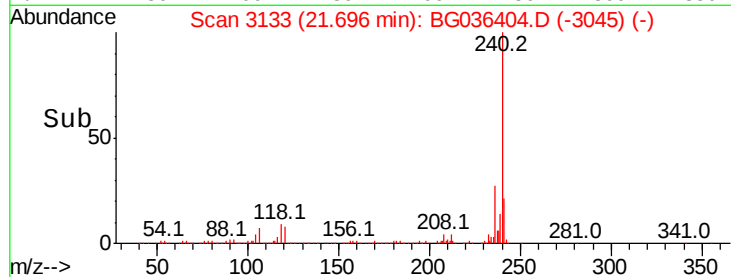
236 26.6 21.2 31.8



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: 91.102 ng

RT: 20.05 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG036404.D

Acq: 24 Aug 2018 8:35

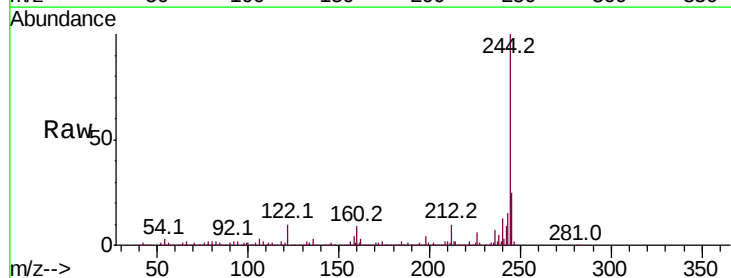
Tgt Ion:244 Resp: 1747592

Ion Ratio Lower Upper

244 100

212 9.5 7.0 10.6

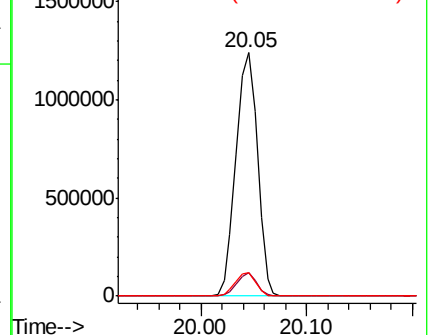
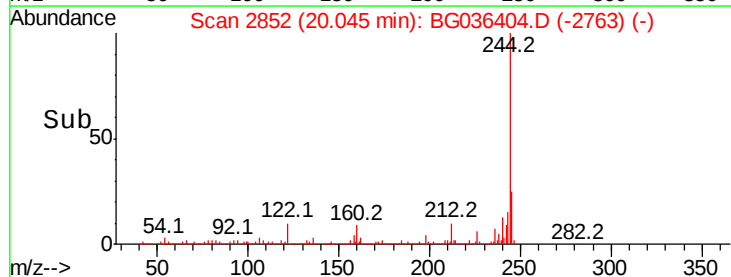
122 9.6 7.1 10.7

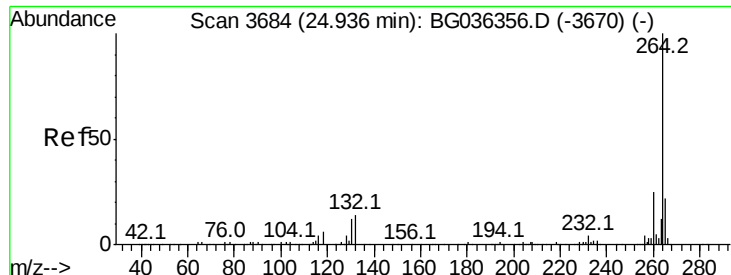


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.92 min Scan# 3681
 Delta R.T. -0.02 min
 Lab File: BG036404.D
 Acq: 24 Aug 2018 8:35

Instrument :
 BNA_G
 ClientSampleId :
 081718-SIDI-E-D-B

Tot Ion:264	Resp:	454577
Ion	Ratio	Lower Upper
264	100	
260	23.6	19.6 29.4
265	21.4	17.4 26.0

