

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082318\
 Data File : BG036367.D
 Acq On : 23 Aug 2018 7:00
 Operator : JU/SJ
 Sample : J4540-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 081618-SIDI-E-D-S

Quant Time: Aug 23 12:43:42 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

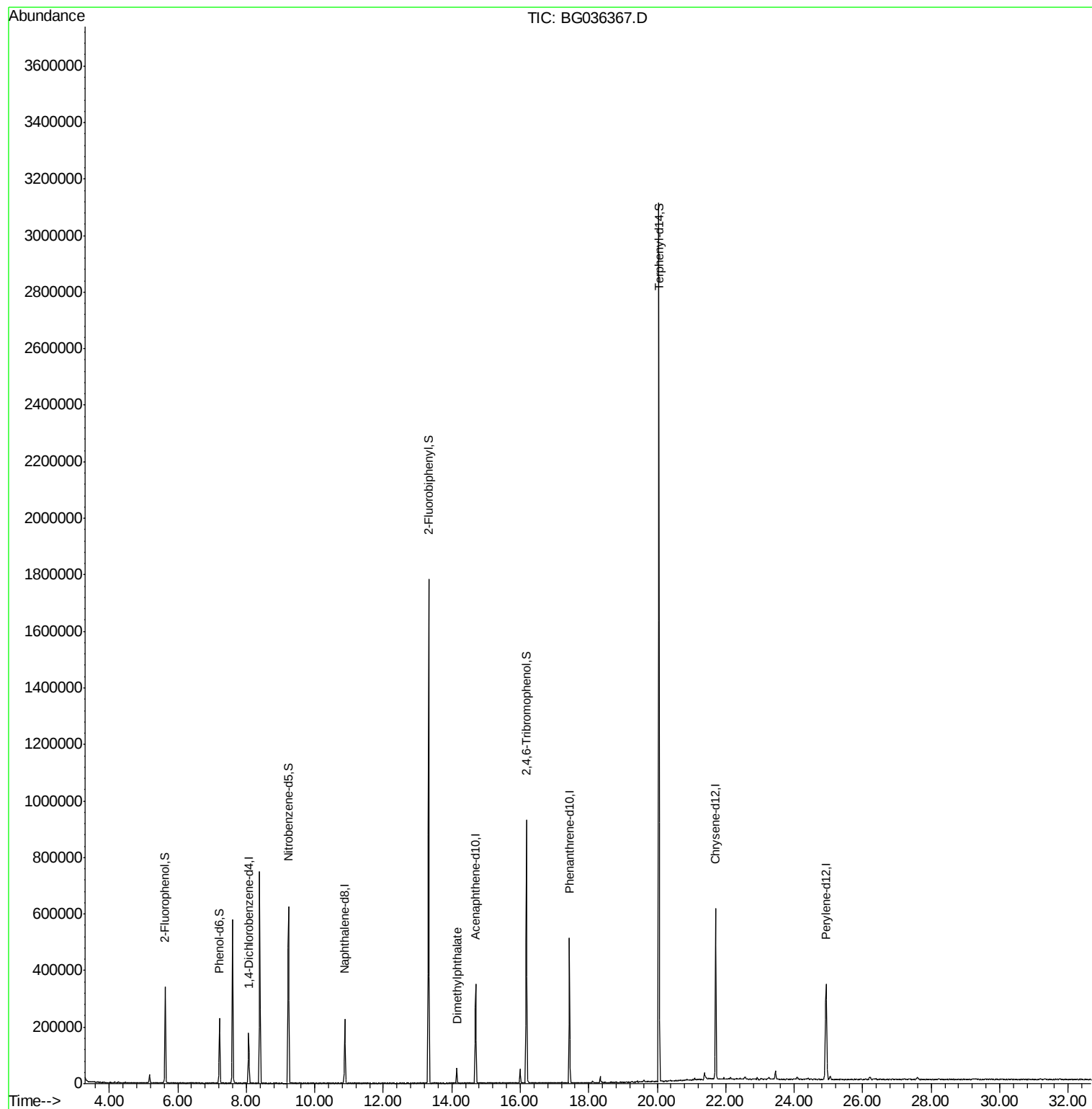
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	46372	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	189423	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	122803	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	316426	20.00	ng	0.00
75) Chrysene-d12	21.71	240	369849	20.00	ng	0.00
86) Perylene-d12	24.93	264	372550	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	139116	47.59	ng	0.00
7) Phenol-d6	7.22	99	124660	29.78	ng	0.00
23) Nitrobenzene-d5	9.23	82	372472	106.69	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	156818	107.02	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	882268	102.58	ng	0.00
78) Terphenyl-d14	20.05	244	1421994	89.87	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.15	163	31992	3.190	ng	Qvalue # 96

(#) = 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: BG036367.D

Acq: 23 Aug 2018 7:00

Instrument :

BNA_G

ClientSampleId :

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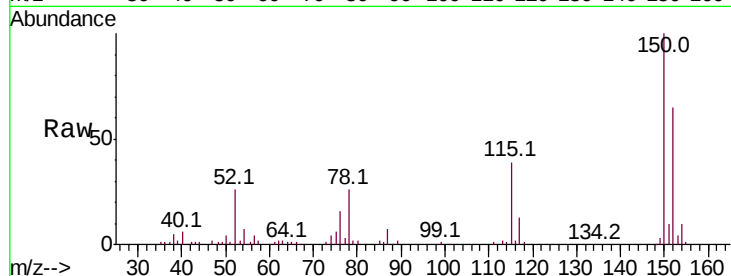
Tot Ion:152 Resp: 46372

Ion Ratio Lower Upper

152 100

150 153.9 119.5 179.3

115 59.8 44.5 66.7

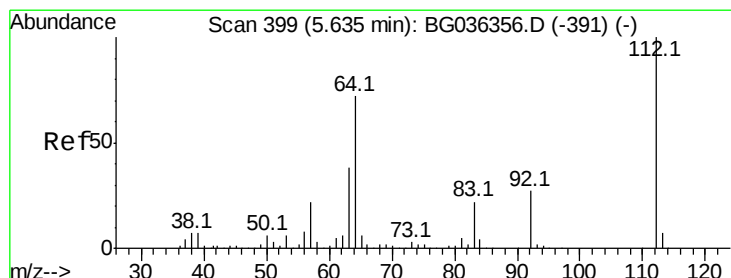
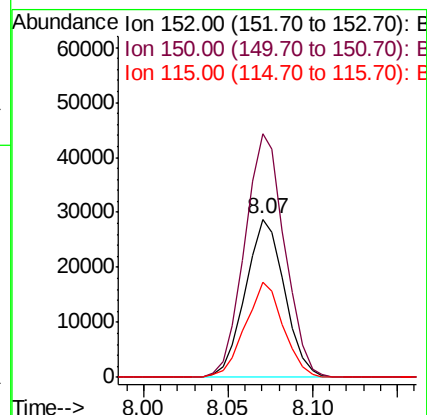
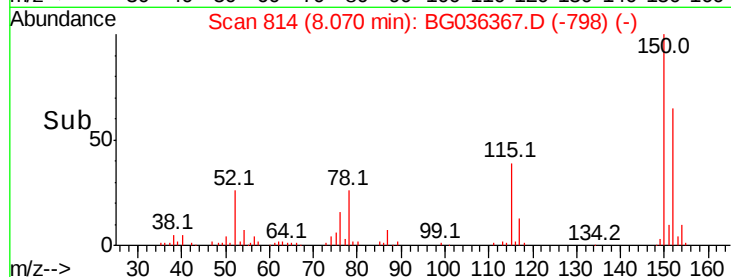


Abundance

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: 47.589 ng

RT: 5.64 min Scan# 400

Delta R.T. 0.00 min

Lab File: BG036367.D

Acq: 23 Aug 2018 7:00

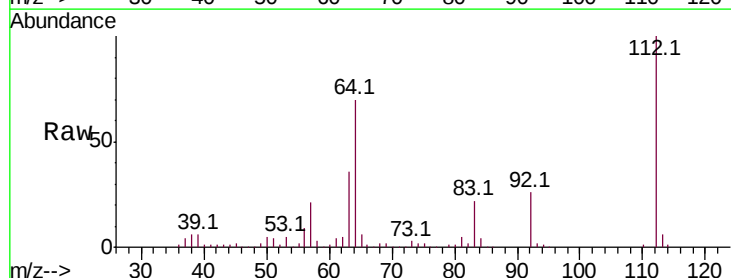
Tgt Ion:112 Resp: 139116

Ion Ratio Lower Upper

112 100

64 69.7 57.2 85.8

63 35.8 30.8 46.2

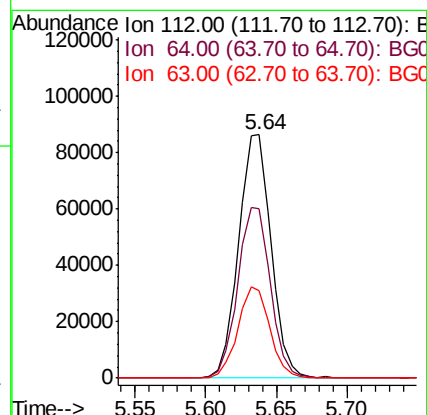
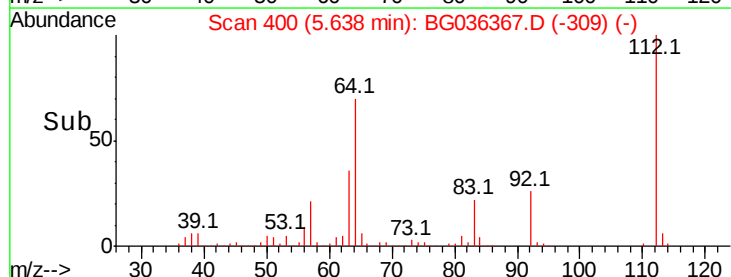


Abundance

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: 29.784 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036367.D

Acq: 23 Aug 2018 7:00

Instrument :

BNA_G

ClientSampleId :

081618-SIDI-E-D-S

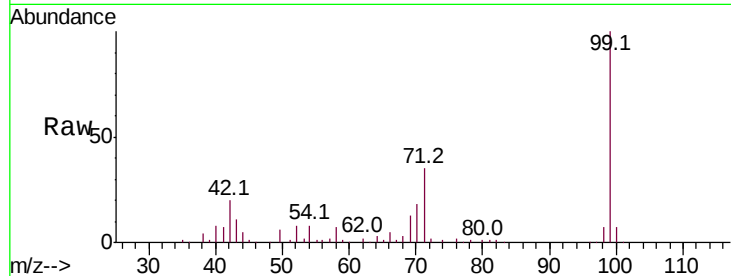
Tot Ion: 99 Resp: 124660

Ion Ratio Lower Upper

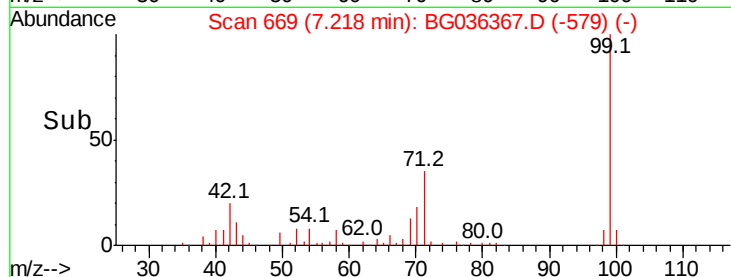
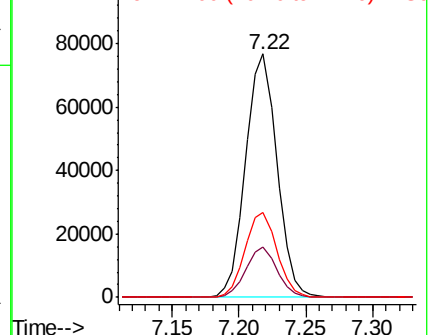
99 100

42 20.5 16.5 24.7

71 34.8 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: 10.88 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BG036367.D

Acq: 23 Aug 2018 7:00

Tgt Ion: 136 Resp: 189423

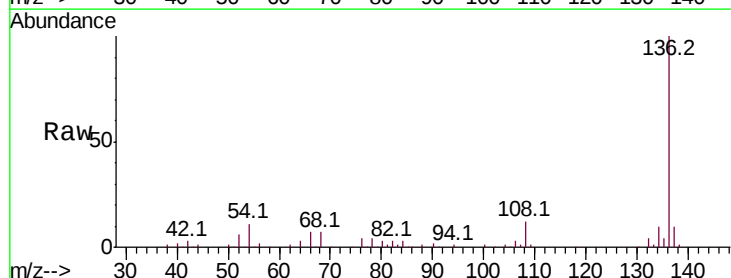
Ion Ratio Lower Upper

136 100

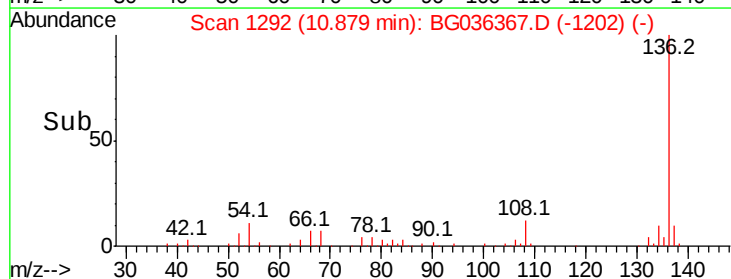
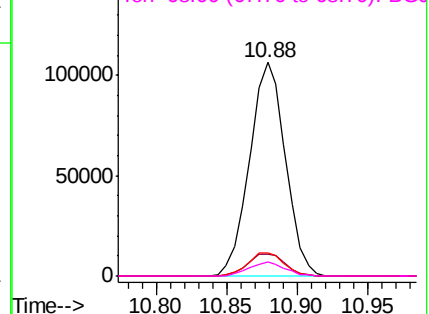
137 10.1 8.8 13.2

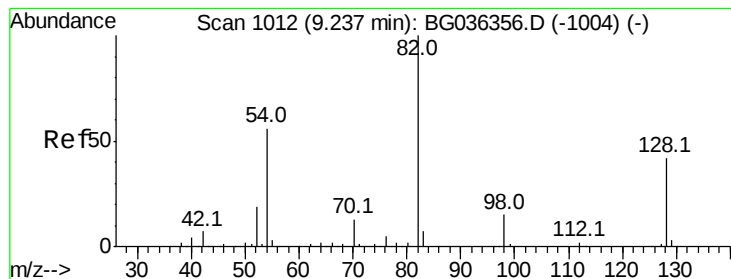
54 10.7 9.2 13.8

68 6.8 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: 106.688 ng

RT: 9.23 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BG036367.D

Acq: 23 Aug 2018 7:00

Instrument :

BNA_G

ClientSampleId :

081618-SIDI-E-D-S

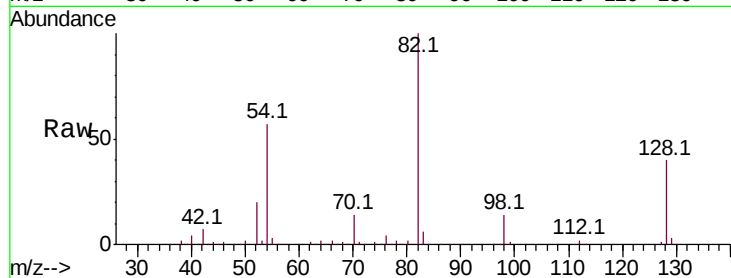
Tot Ion: 82 Resp: 372472

Ion Ratio Lower Upper

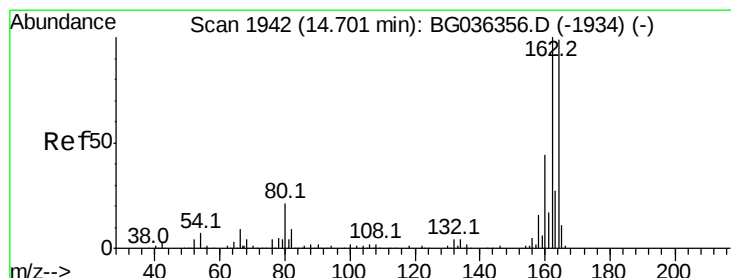
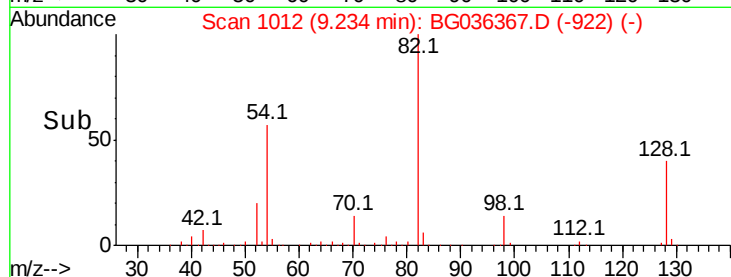
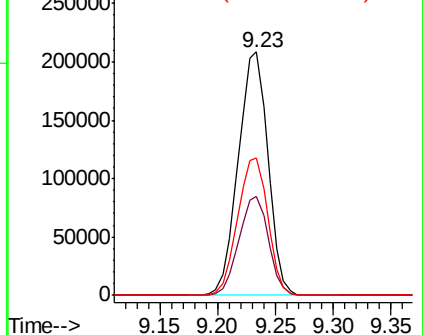
82 100

128 40.5 33.3 49.9

54 56.6 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: 14.70 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BG036367.D

Acq: 23 Aug 2018 7:00

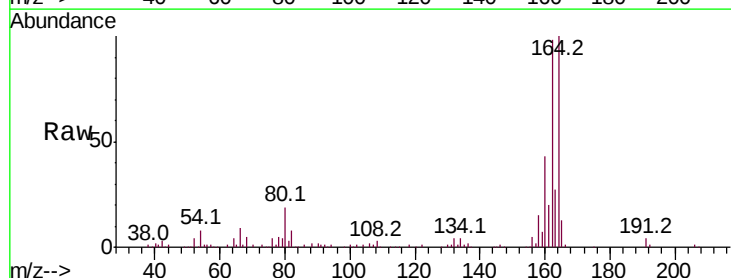
Tgt Ion:164 Resp: 122803

Ion Ratio Lower Upper

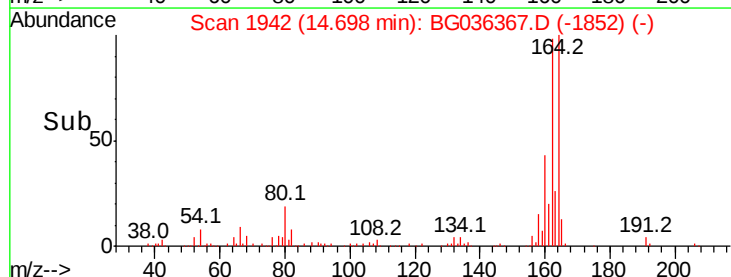
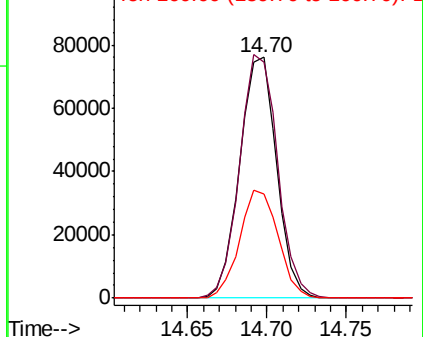
164 100

162 97.9 80.7 121.1

160 43.1 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: 107.020 ng

RT: 16.18 min Scan# 2194

Delta R.T. -0.00 min

Lab File: BG036367.D

Acq: 23 Aug 2018 7:00

Instrument :

BNA_G

ClientSampleId :

081618-SIDI-E-D-S

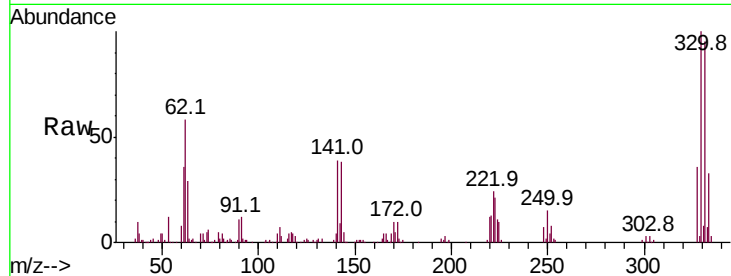
Tot Ion:330 Resp: 156818

Ion Ratio Lower Upper

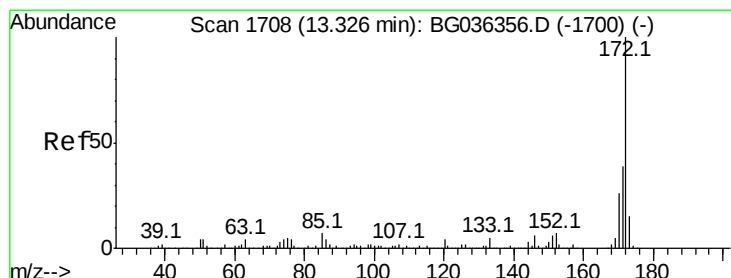
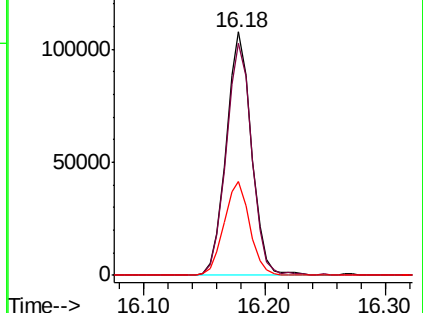
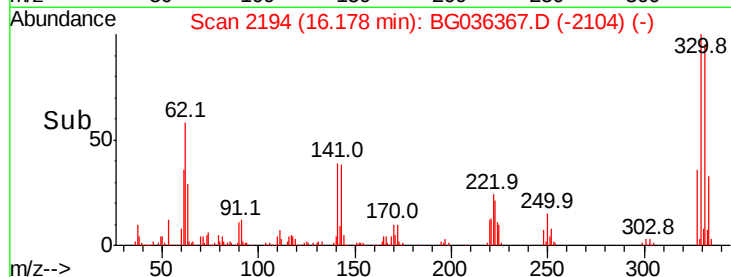
330 100

332 96.0 75.4 113.2

141 39.0 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: 102.580 ng

RT: 13.32 min Scan# 1708

Delta R.T. -0.00 min

Lab File: BG036367.D

Acq: 23 Aug 2018 7:00

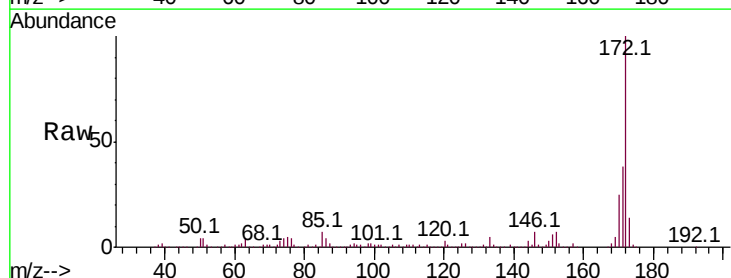
Tgt Ion:172 Resp: 882268

Ion Ratio Lower Upper

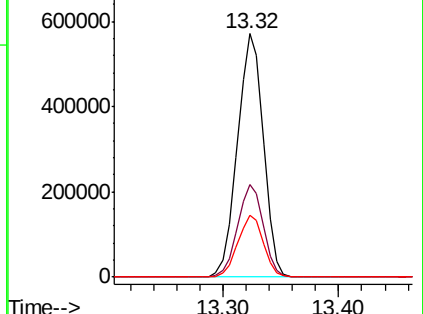
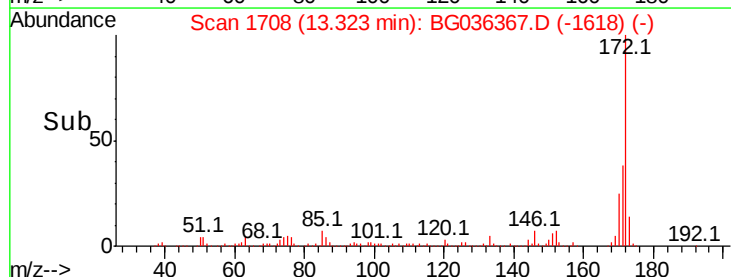
172 100

171 38.2 31.3 46.9

170 25.3 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: 3.190 ng

RT: 14.15 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BG036367.D

Acq: 23 Aug 2018 7:00

Instrument :

BNA_G

ClientSampleId :

081618-SIDI-E-D-S

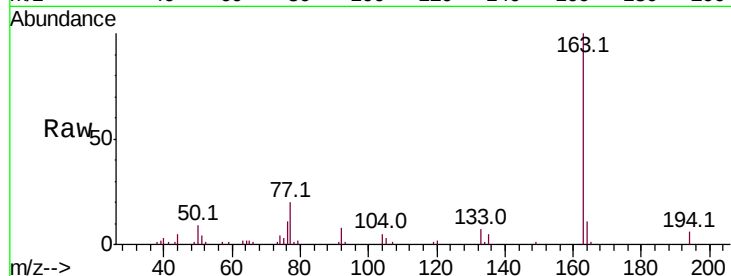
Tot Ion:163 Resp: 31992

Ion Ratio Lower Upper

163 100

194 6.2 4.0 6.0#

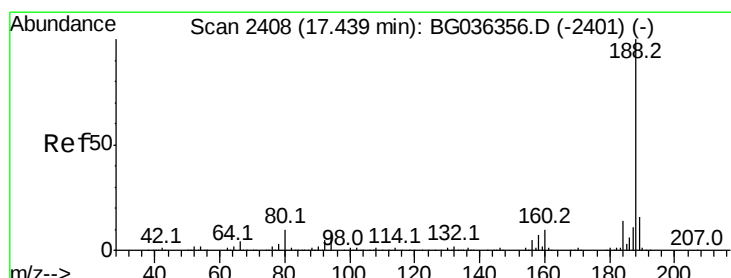
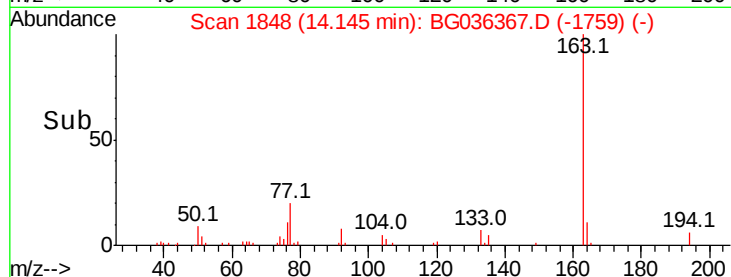
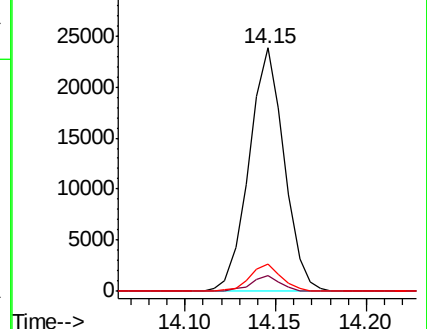
164 11.4 8.1 12.1



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: 17.44 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BG036367.D

Acq: 23 Aug 2018 7:00

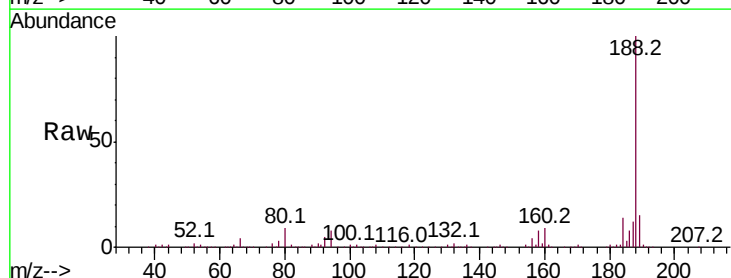
Tgt Ion:188 Resp: 316426

Ion Ratio Lower Upper

188 100

94 8.3 6.7 10.1

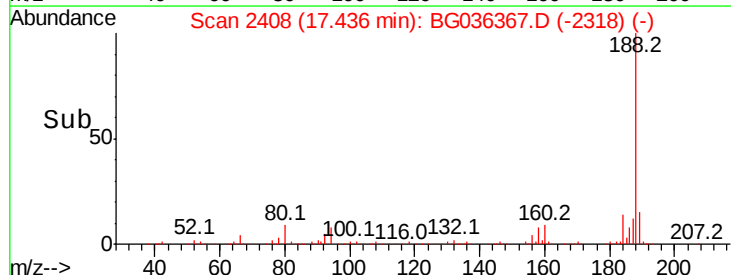
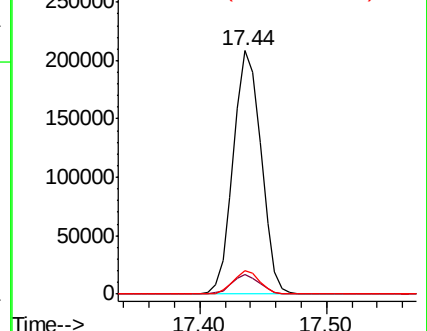
80 9.4 8.1 12.1

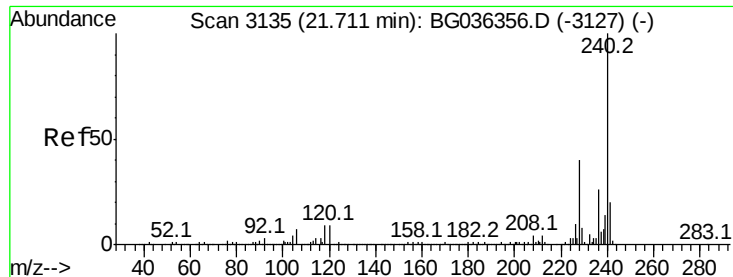


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG036367.D

Acq: 23 Aug 2018 7:00

Instrument :

BNA_G

ClientSampleId :

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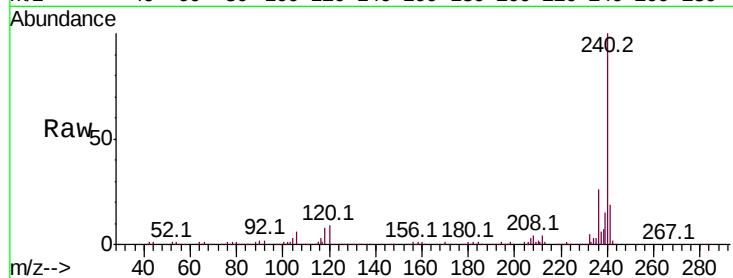
Tot Ion:240 Resp: 369849

Ion Ratio Lower Upper

240 100

120 8.7 6.9 10.3

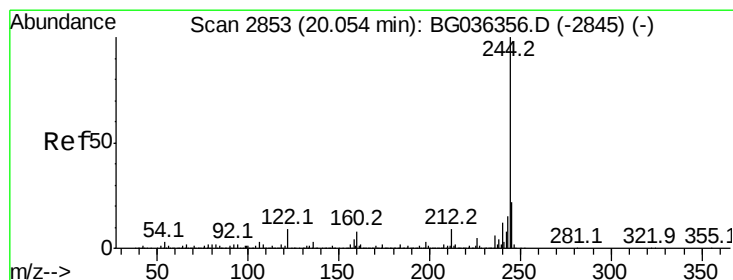
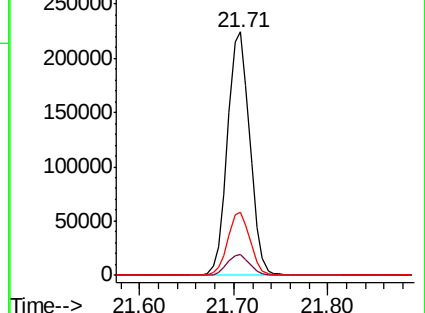
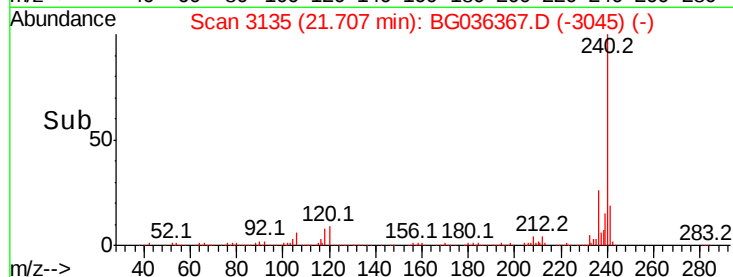
236 25.8 21.2 31.8



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: 89.866 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG036367.D

Acq: 23 Aug 2018 7:00

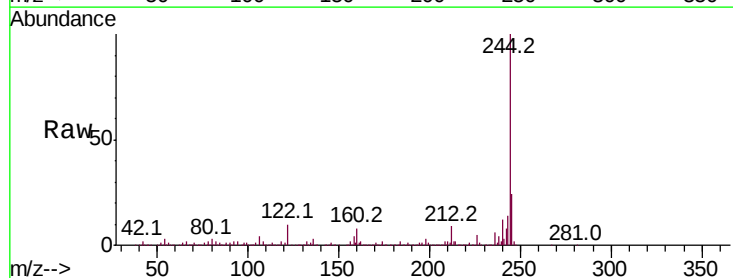
Tgt Ion:244 Resp: 1421994

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

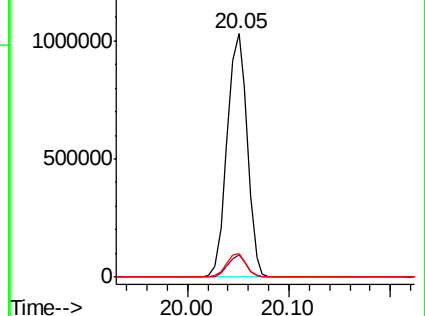
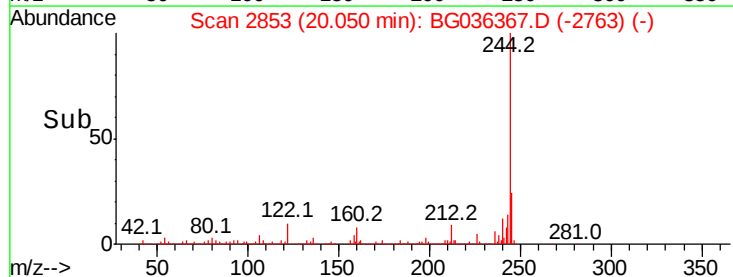
122 9.5 7.1 10.7

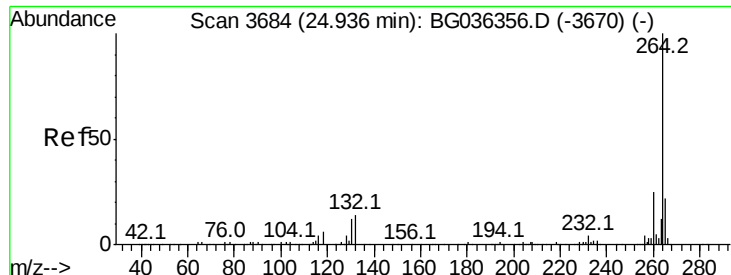


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.93 min Scan# 3683
 Delta R.T. -0.01 min
 Lab File: BG036367.D
 Acq: 23 Aug 2018 7:00

Instrument :
 BNA_G
 ClientSampleId :
 081618-SIDI-E-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.6	29.4
265	22.3	17.4	26.0

