

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
 Data File : BG036406.D
 Acq On : 24 Aug 2018 9:52
 Operator : JU/SJ
 Sample : J4568-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Aug 24 10:53:41 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

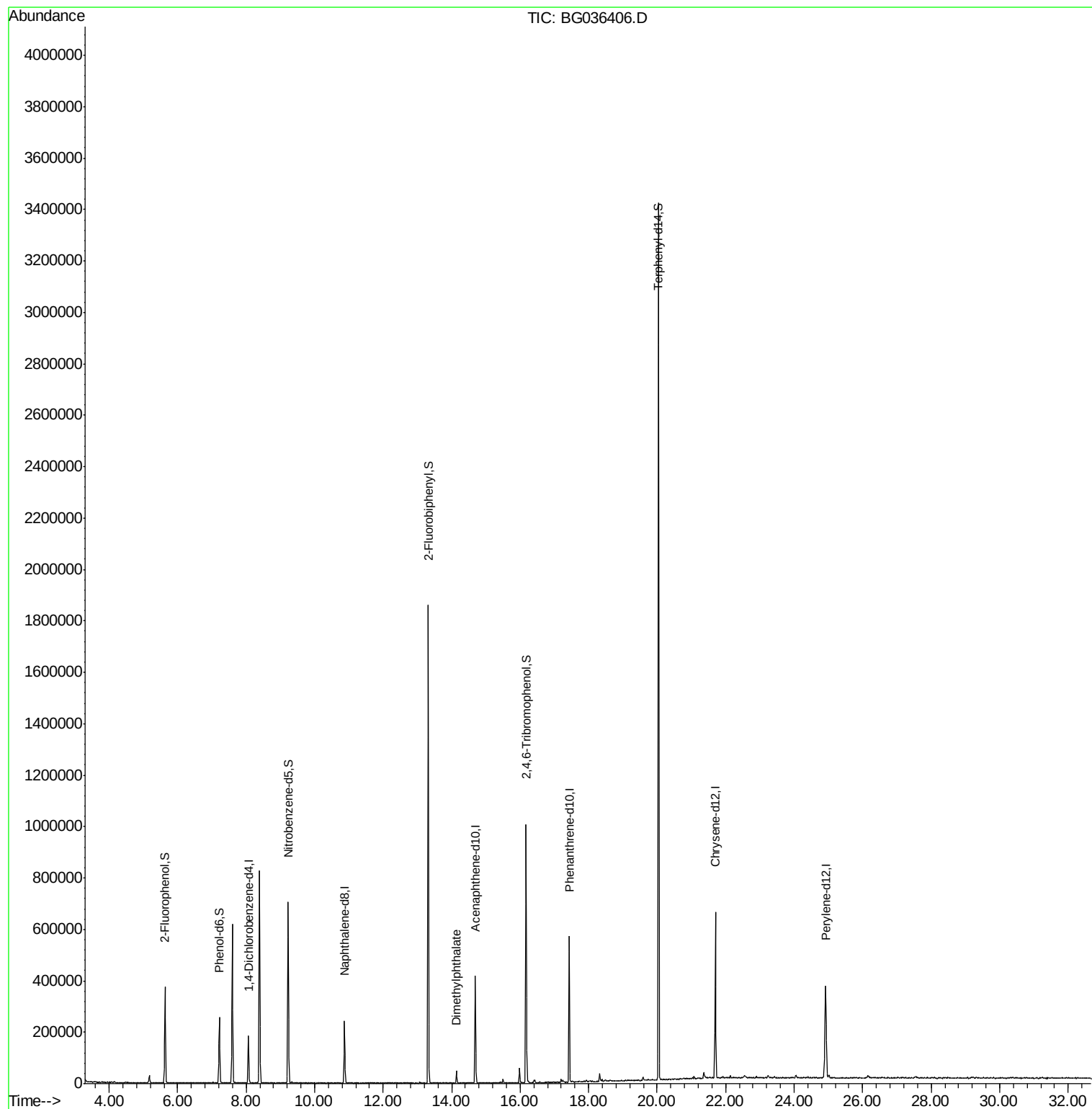
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	50758	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	207469	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	134404	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	347009	20.00	ng	0.00
75) Chrysene-d12	21.70	240	392840	20.00	ng	-0.01
86) Perylene-d12	24.91	264	401940	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	158717	49.60	ng	0.00
7) Phenol-d6	7.22	99	143511	31.33	ng	0.00
23) Nitrobenzene-d5	9.23	82	412413	107.85	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	183655	114.52	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	964694	102.48	ng	0.00
78) Terphenyl-d14	20.04	244	1520528	90.47	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	14.14	163	32681	2.978	ng	99

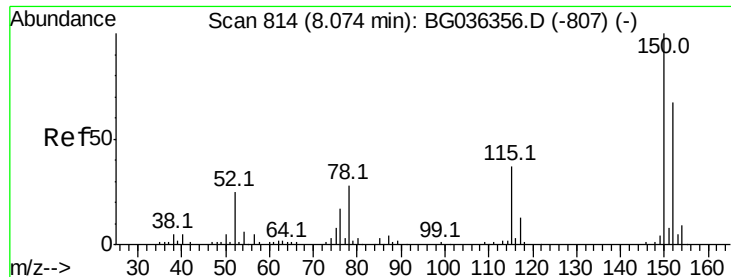
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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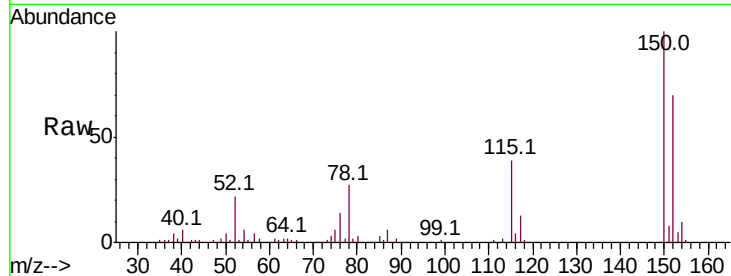


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BG036406.D
 Acq: 24 Aug 2018 9:52

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.8	119.5	179.3
115	55.8	44.5	66.7

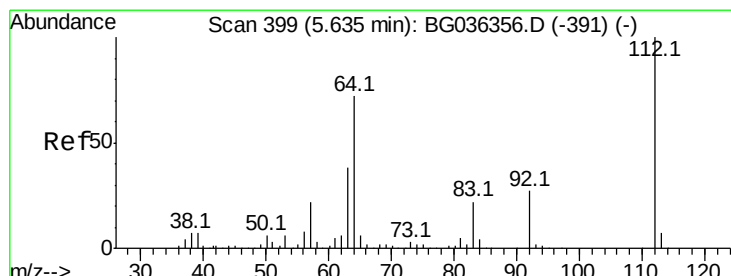
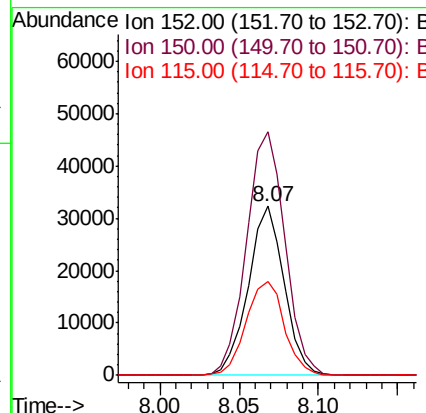
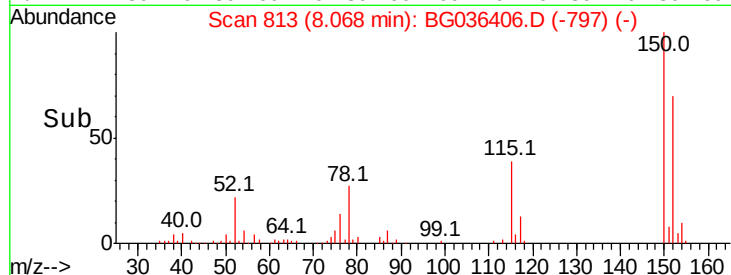


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

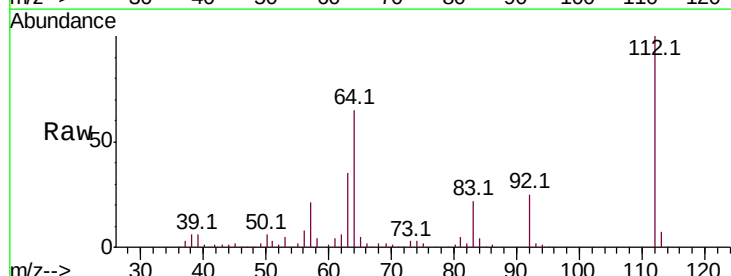
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 49.602 ng
 RT: 5.64 min Scan# 399
 Delta R.T. 0.00 min
 Lab File: BG036406.D
 Acq: 24 Aug 2018 9:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	57.2	85.8
63	35.1	30.8	46.2

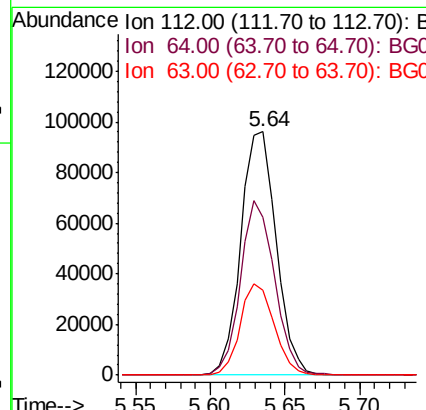
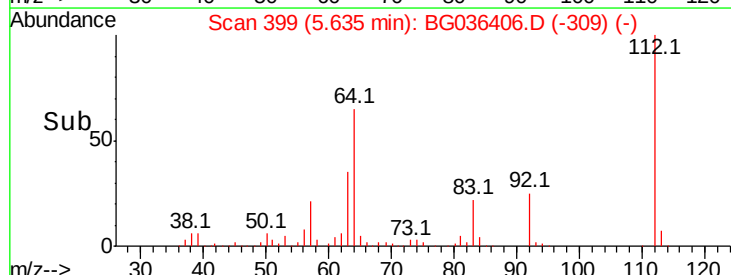


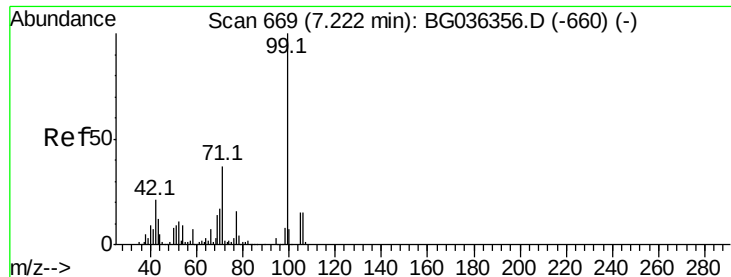
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 31.325 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036406.D

Acq: 24 Aug 2018 9:52

Instrument :

BNA_G

ClientSampleId :

081718-SIDI-E-U-B

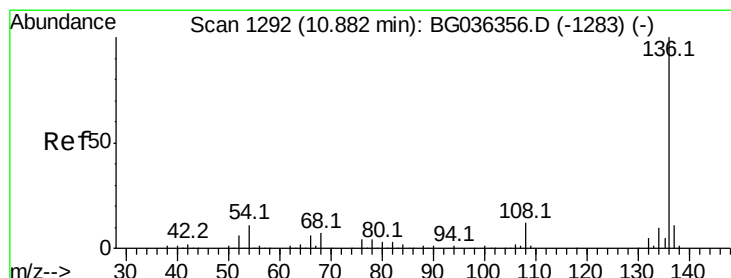
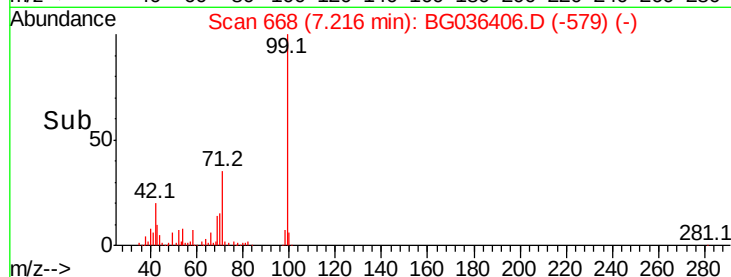
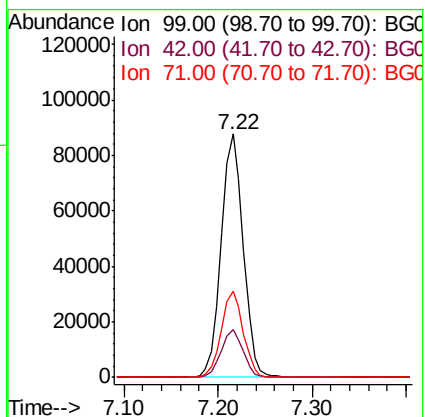
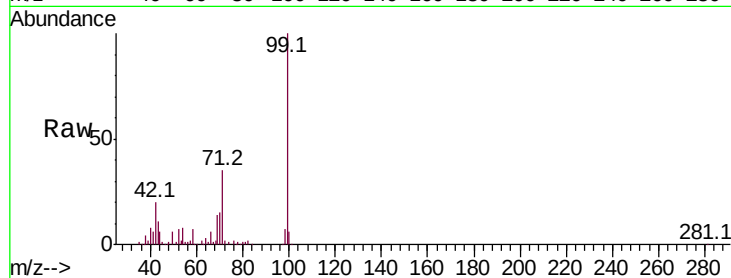
Tot Ion: 99 Resp: 143511

Ion Ratio Lower Upper

99 100

42 19.5 16.5 24.7

71 35.4 29.4 44.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BG036406.D

Acq: 24 Aug 2018 9:52

Tgt Ion: 136 Resp: 207469

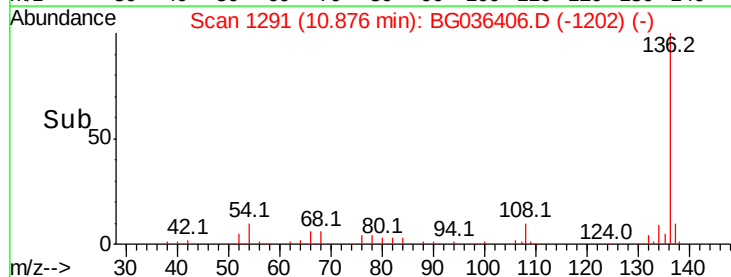
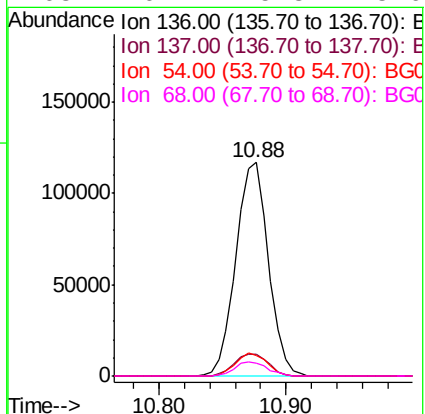
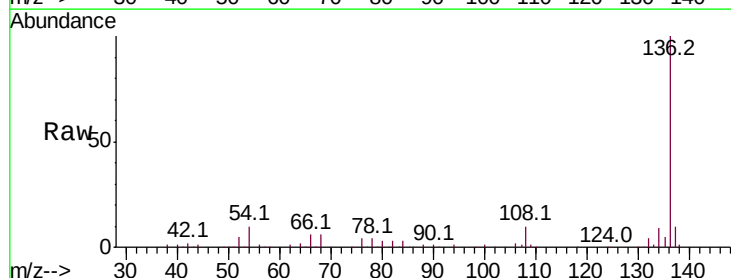
Ion Ratio Lower Upper

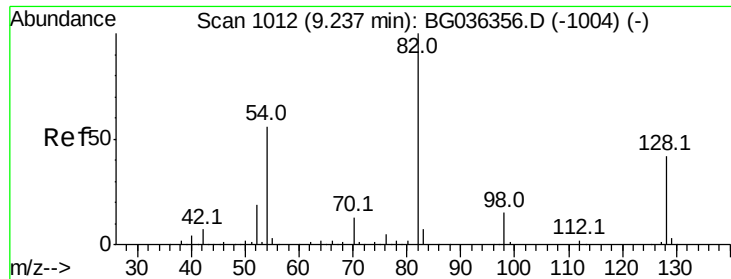
136 100

137 10.2 8.8 13.2

54 9.8 9.2 13.8

68 6.1 5.8 8.6

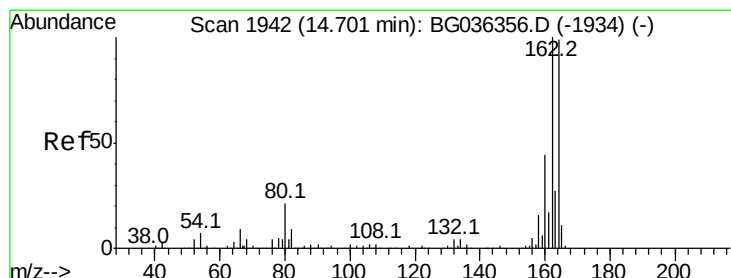
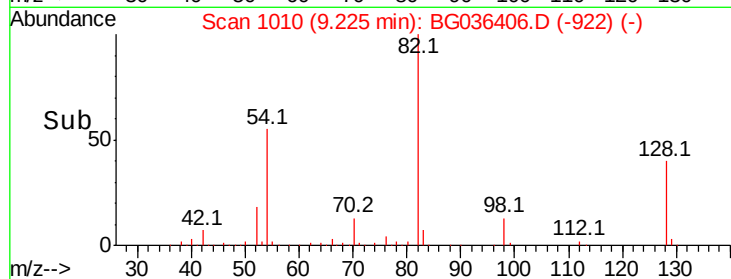
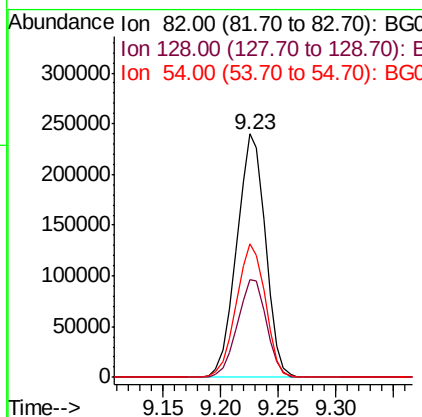
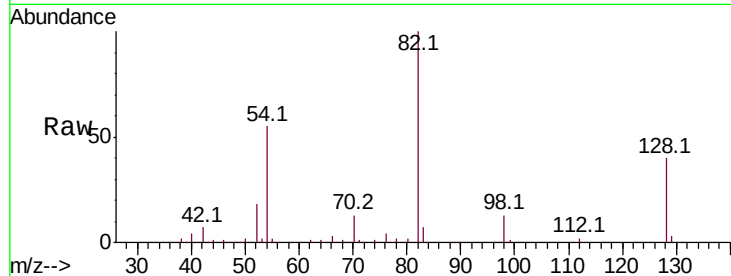




#23
 Nitrobenzene-d5
 Concen: 107.853 ng
 RT: 9.23 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BG036406.D
 Acq: 24 Aug 2018 9:52

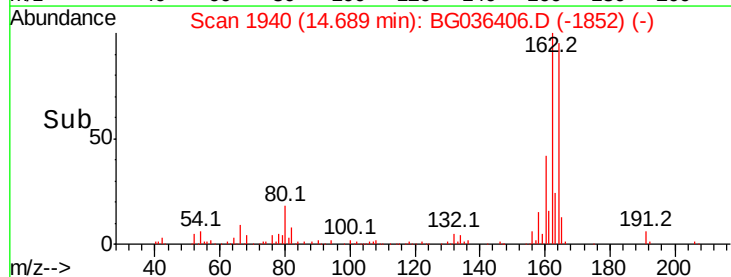
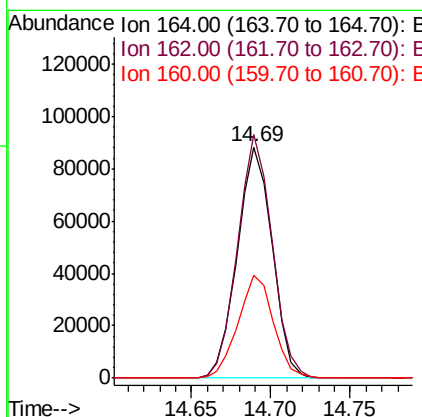
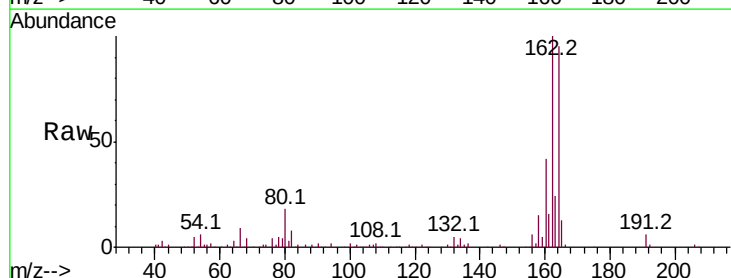
Instrument :
 BNA_G
 ClientSampleId :
 081718-SIDI-E-U-B

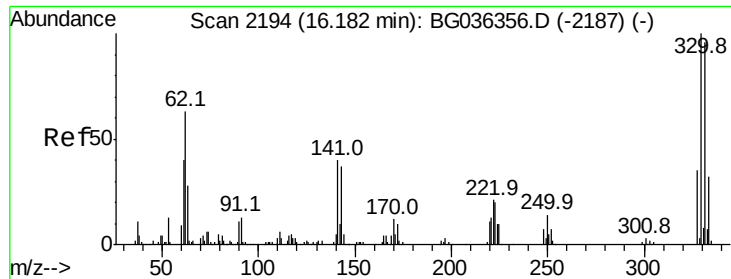
Tot Ion: 82 Resp: 412413
 Ion Ratio Lower Upper
 82 100
 128 40.3 33.3 49.9
 54 54.7 45.1 67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG036406.D
 Acq: 24 Aug 2018 9:52

Tgt Ion: 164 Resp: 134404
 Ion Ratio Lower Upper
 164 100
 162 105.3 80.7 121.1
 160 44.7 35.3 52.9





#41

2,4,6-Tribromophenol

Concen: 114.517 ng

RT: 16.18 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG036406.D

Acq: 24 Aug 2018 9:52

Instrument :

BNA_G

ClientSampleId :

081718-SIDI-E-U-B

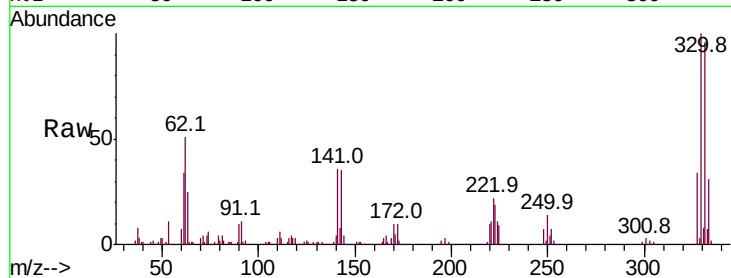
Tot Ion:330 Resp: 183655

Ion Ratio Lower Upper

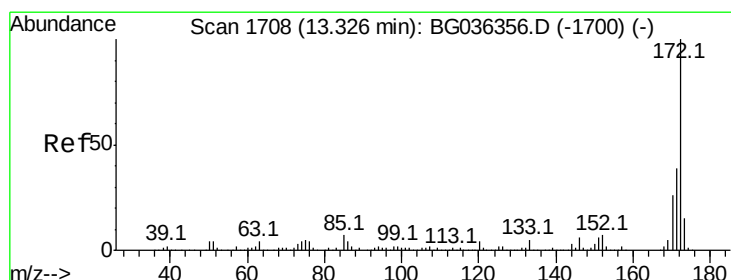
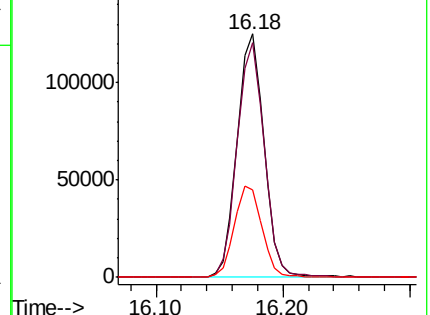
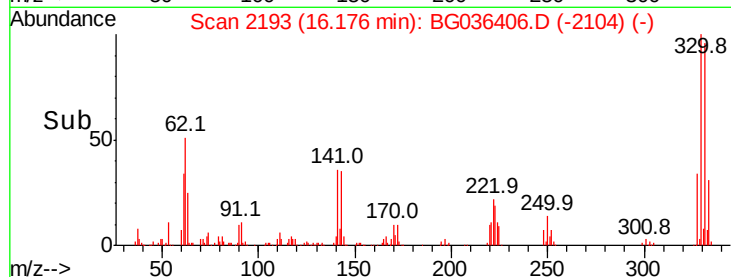
330 100

332 97.3 75.4 113.2

141 38.3 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: 102.483 ng

RT: 13.32 min Scan# 1707

Delta R.T. -0.01 min

Lab File: BG036406.D

Acq: 24 Aug 2018 9:52

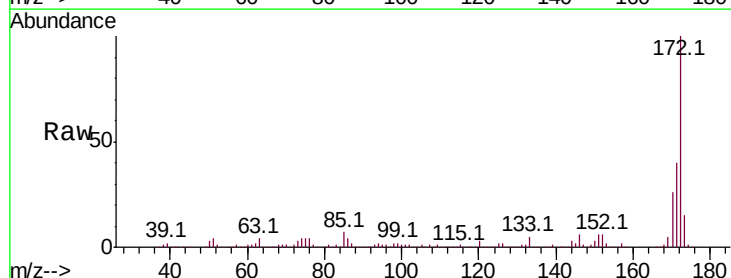
Tgt Ion:172 Resp: 964694

Ion Ratio Lower Upper

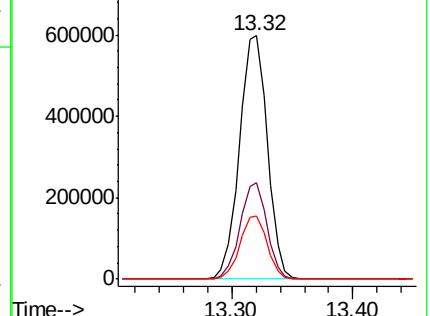
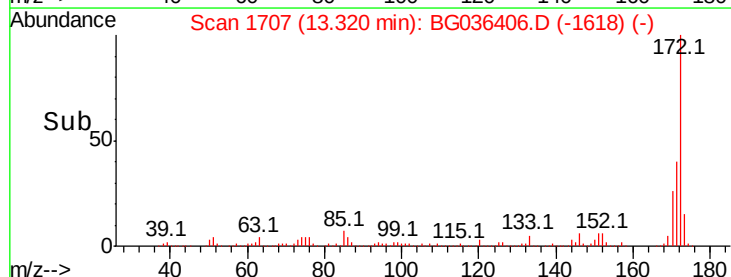
172 100

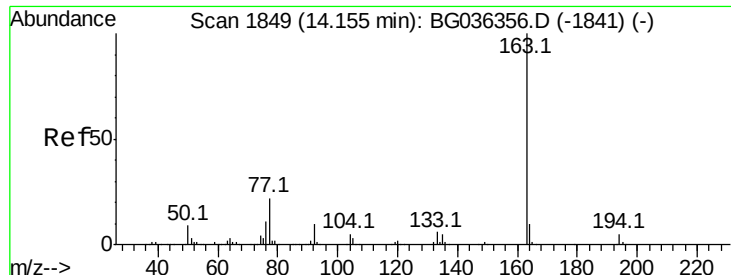
171 39.6 31.3 46.9

170 25.9 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: 2.978 ng

RT: 14.14 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BG036406.D

Acq: 24 Aug 2018 9:52

Instrument :

BNA_G

ClientSampleId :

081718-SIDI-E-U-B

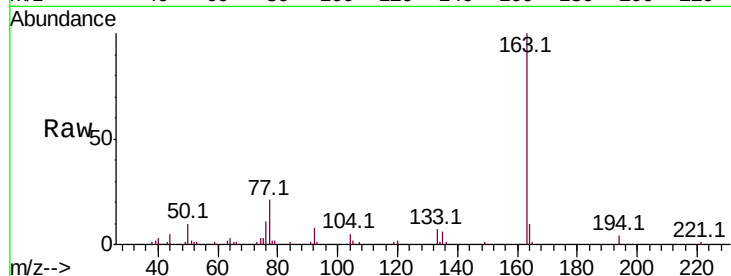
Tot Ion:163 Resp: 32681

Ion Ratio Lower Upper

163 100

194 4.2 4.0 6.0

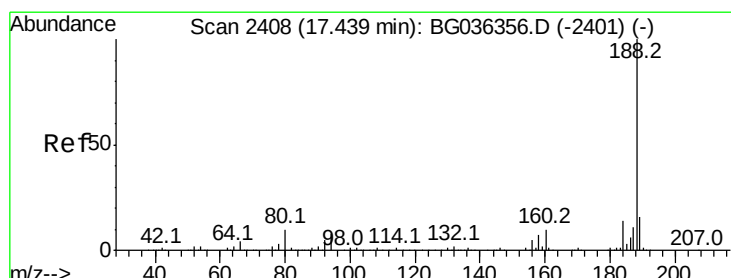
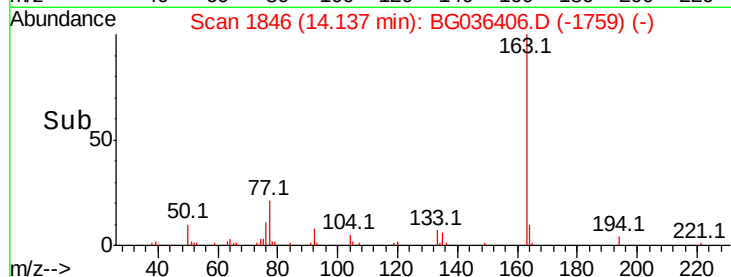
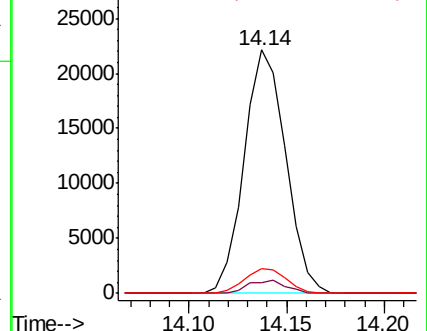
164 10.1 8.1 12.1



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: BG036406.D

Acq: 24 Aug 2018 9:52

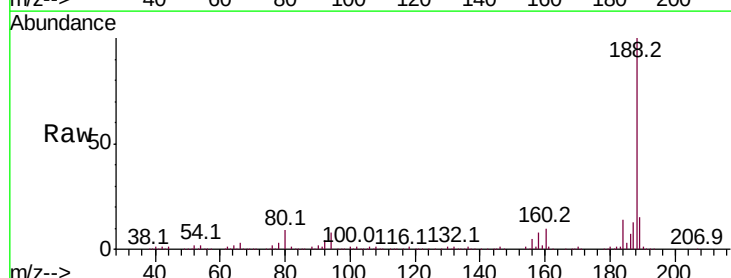
Tgt Ion:188 Resp: 347009

Ion Ratio Lower Upper

188 100

94 7.8 6.7 10.1

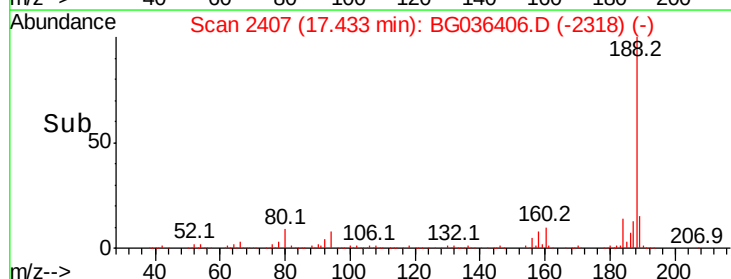
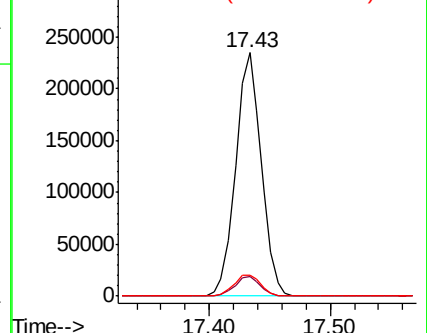
80 8.6 8.1 12.1

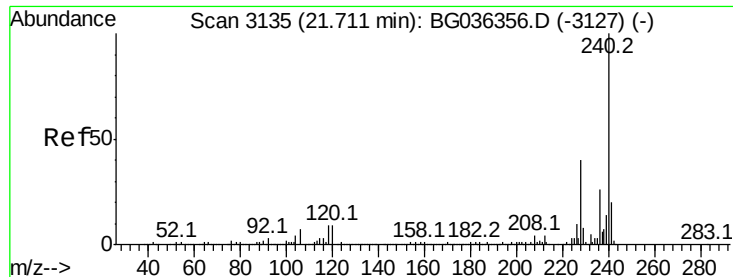


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BG036406.D

Acq: 24 Aug 2018 9:52

Instrument :

BNA_G

ClientSampleId :

081718-SIDI-E-U-B

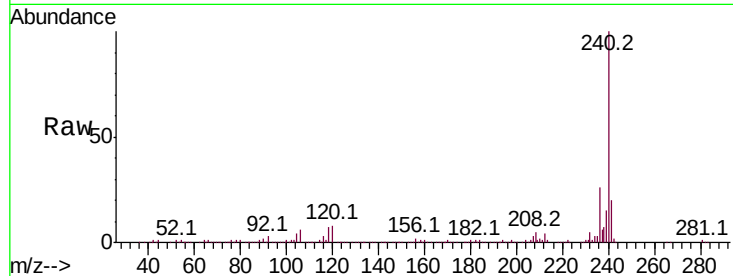
Tot Ion:240 Resp: 392840

Ion Ratio Lower Upper

240 100

120 8.1 6.9 10.3

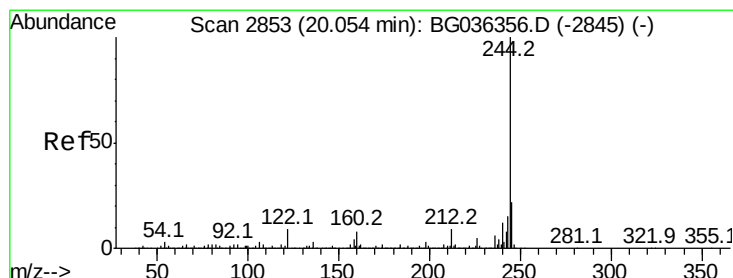
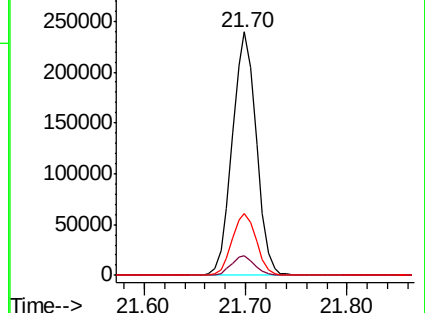
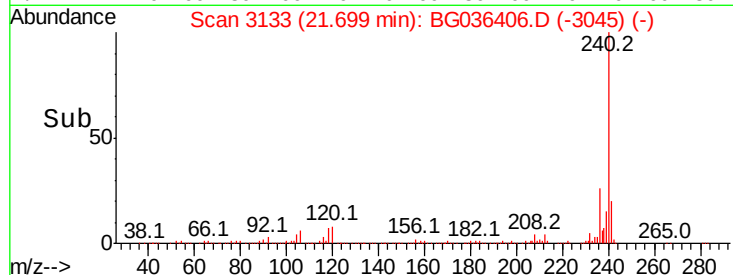
236 25.6 21.2 31.8



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: 90.469 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG036406.D

Acq: 24 Aug 2018 9:52

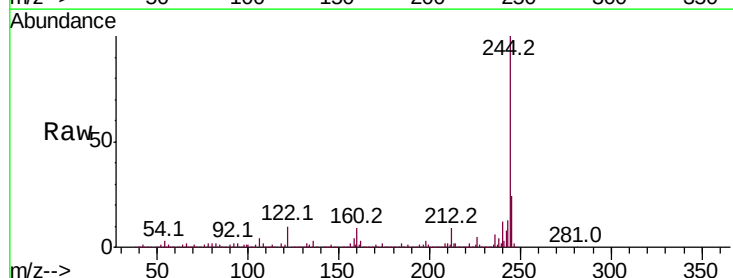
Tgt Ion:244 Resp: 1520528

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

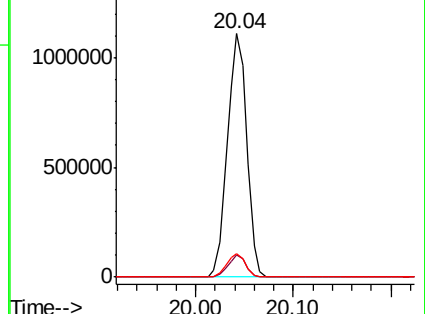
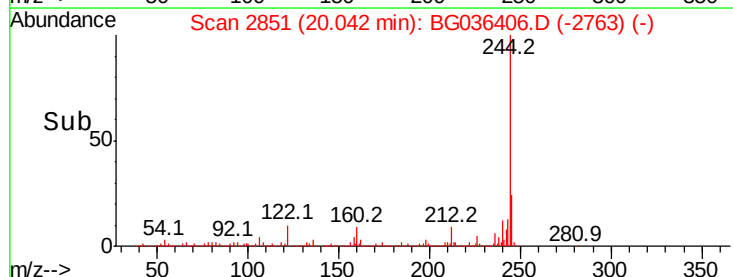
122 9.7 7.1 10.7

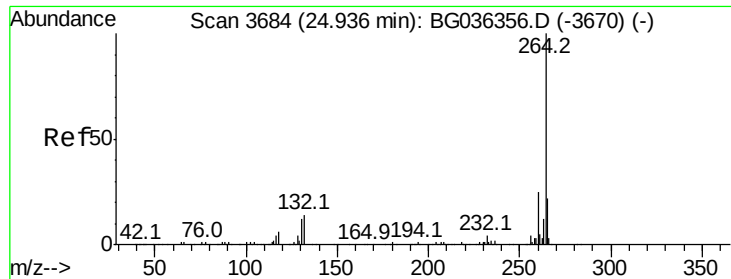


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.91 min Scan# 3680
 Delta R.T. -0.02 min
 Lab File: BG036406.D
 Acq: 24 Aug 2018 9:52

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.6	29.4
265	21.7	17.4	26.0

