

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092218\
 Data File : BG036903.D
 Acq On : 22 Sep 2018 22:04
 Operator : JU/SJ
 Sample : J5019-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 091918-SIDI-E-U-S

Quant Time: Sep 24 05:00:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 20:07:11 2018
 Response via : Initial Calibration

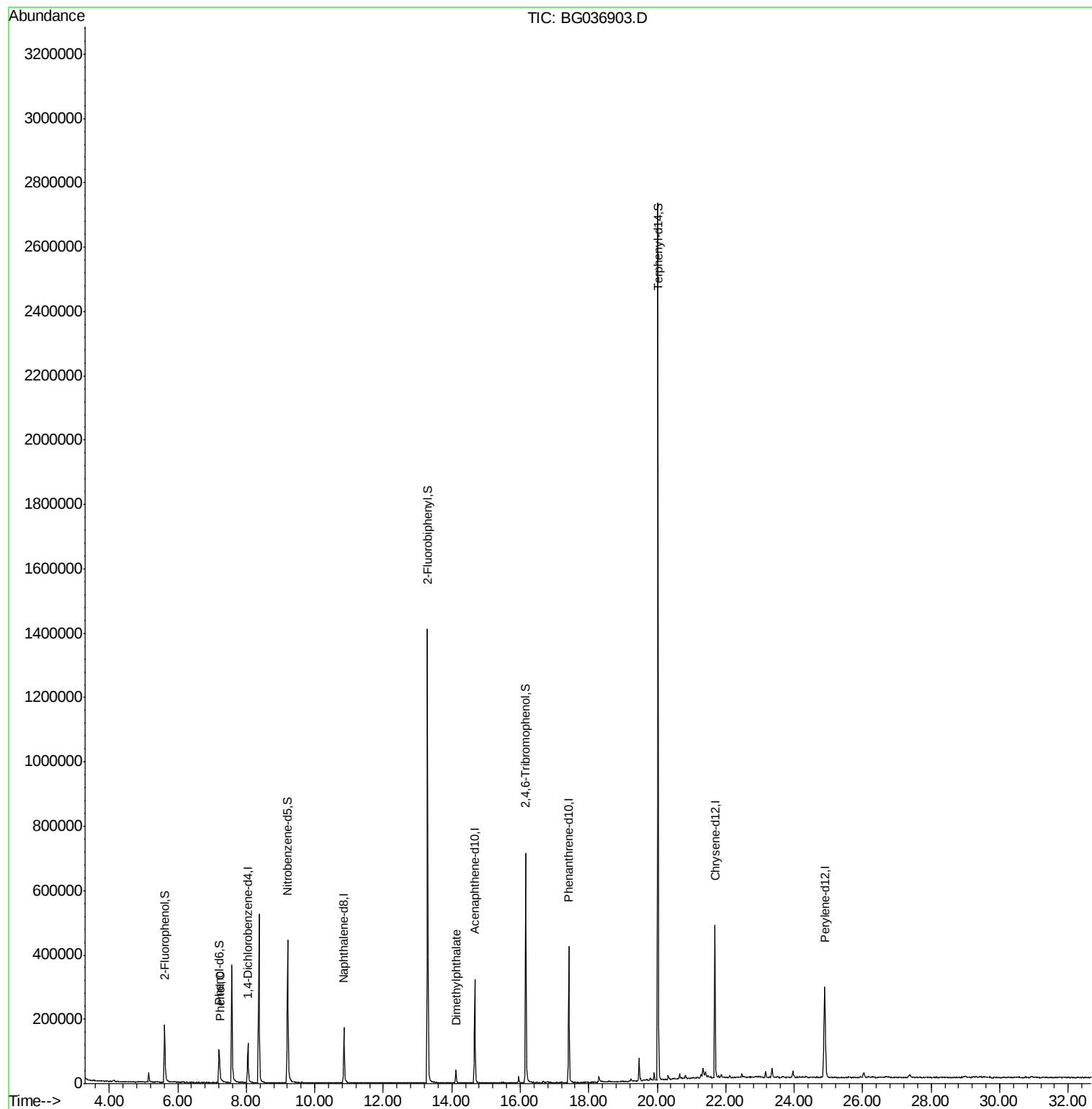
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	39402	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	173170	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	116533	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	303698	20.00	ng	0.00
75) Chrysene-d12	21.68	240	311158	20.00	ng	0.00
86) Perylene-d12	24.89	264	313098	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	93485	45.50	ng	0.00
7) Phenol-d6	7.20	99	79680	25.07	ng	-0.01
23) Nitrobenzene-d5	9.21	82	318209	98.40	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	148874	106.78	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	784889	100.32	ng	0.00
78) Terphenyl-d14	20.02	244	1316723	111.27	ng	0.00
Target Compounds						
10) Phenol	7.23	94	6609	2.015	ng	Qvalue # 65
49) Dimethylphthalate	14.12	163	32282	3.442	ng	99

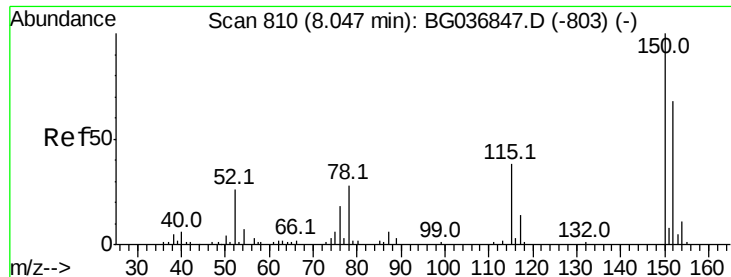
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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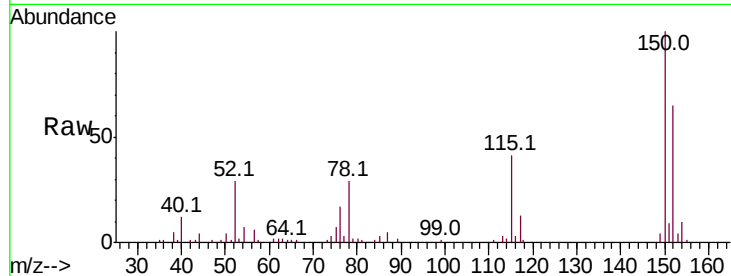


#1

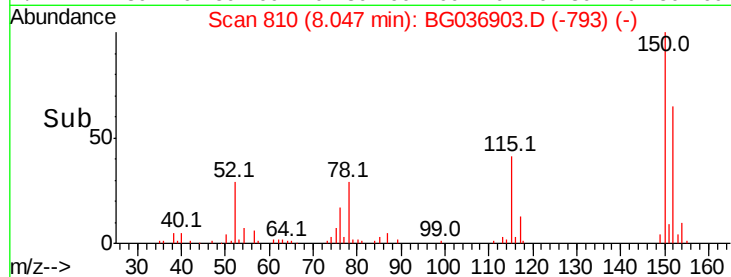
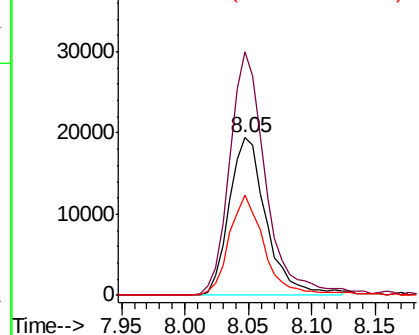
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BG036903.D
 Acq: 22 Sep 2018 22:04

Instrument :
 BNA_G
 ClientSampleId :
 091918-SIDI-E-U-S

Tot Ion:152 Resp: 39402
 Ion Ratio Lower Upper
 152 100
 150 154.6 119.5 179.3
 115 63.7 44.5 66.7



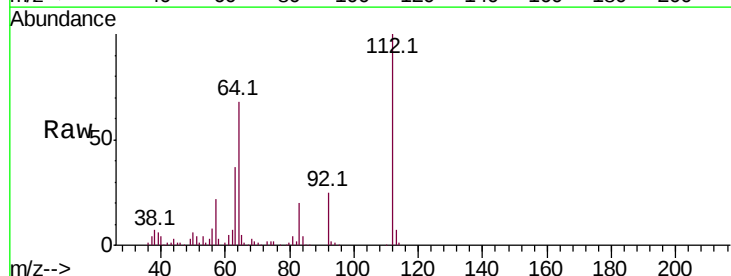
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



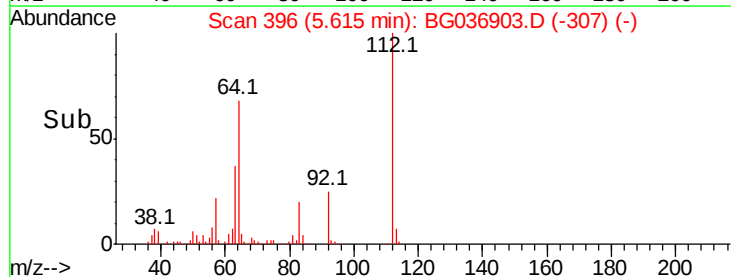
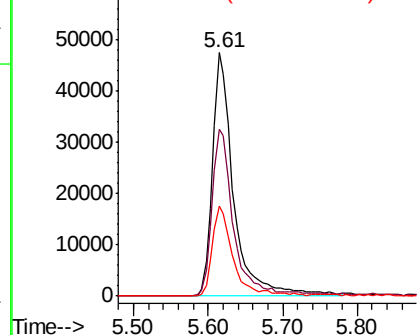
#5

2-Fluorophenol
 Concen: 45.501 ng
 RT: 5.61 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BG036903.D
 Acq: 22 Sep 2018 22:04

Tgt Ion:112 Resp: 93485
 Ion Ratio Lower Upper
 112 100
 64 68.3 57.2 85.8
 63 36.7 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: 25.066 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036903.D

Acq: 22 Sep 2018 22:04

Instrument :

BNA_G

ClientSampleId :

091918-SIDI-E-U-S

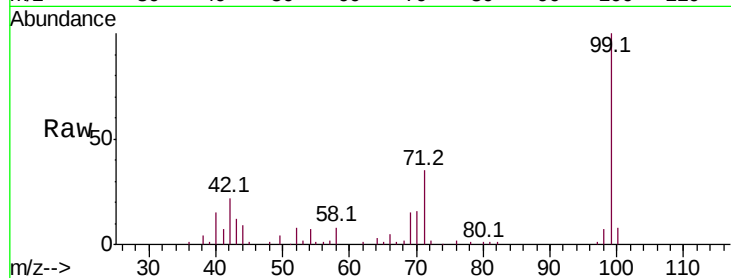
Tot Ion: 99 Resp: 79680

Ion Ratio Lower Upper

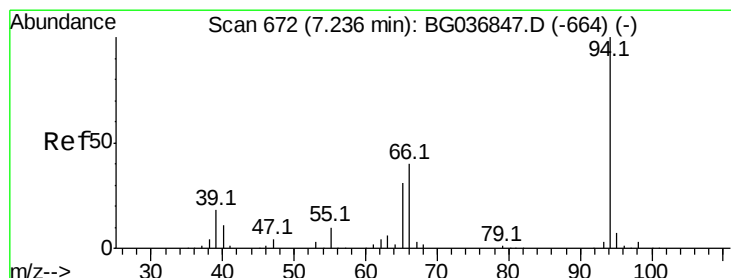
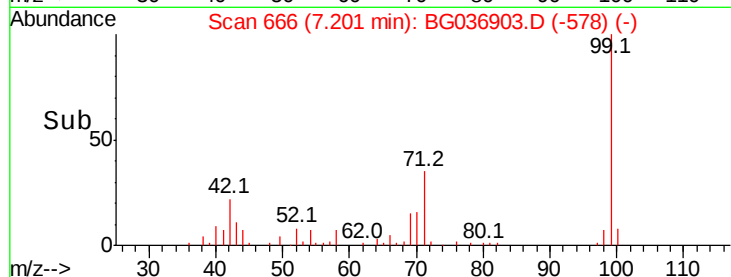
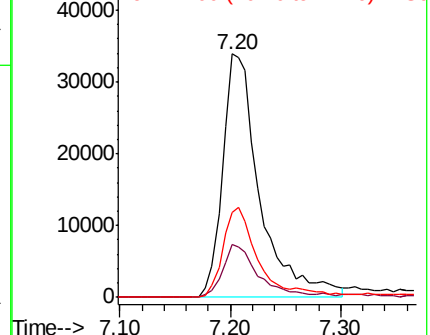
99 100

42 21.9 16.5 24.7

71 34.6 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



#10

Phenol

Concen: 2.015 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG036903.D

Acq: 22 Sep 2018 22:04

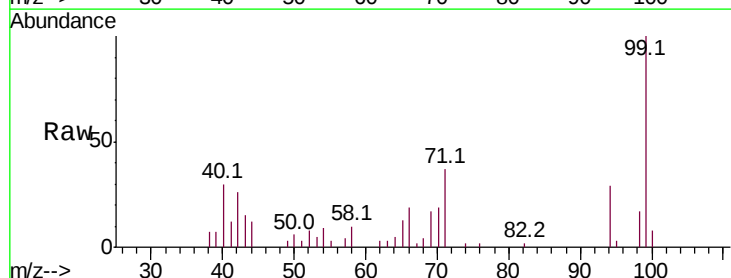
Tgt Ion: 94 Resp: 6609

Ion Ratio Lower Upper

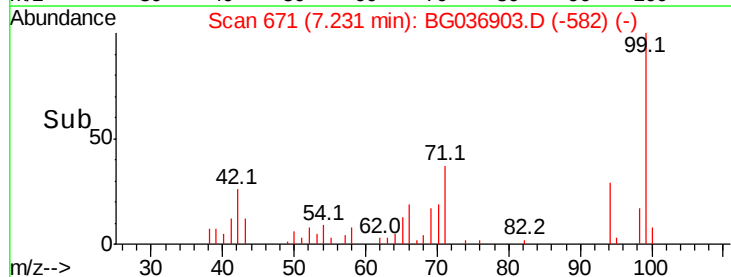
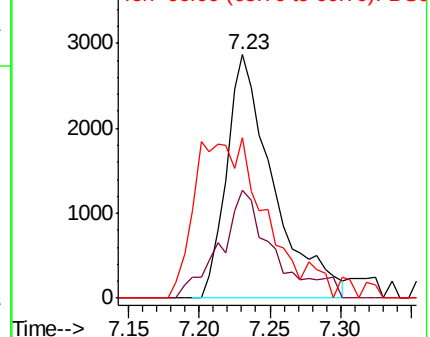
94 100

65 44.5 11.5 51.5

66 66.2 19.5 59.5#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG036903.D

Acq: 22 Sep 2018 22:04

Instrument :

BNA_G

ClientSampleId :

091918-SIDI-E-U-S

Tot Ion:136 Resp: 173170

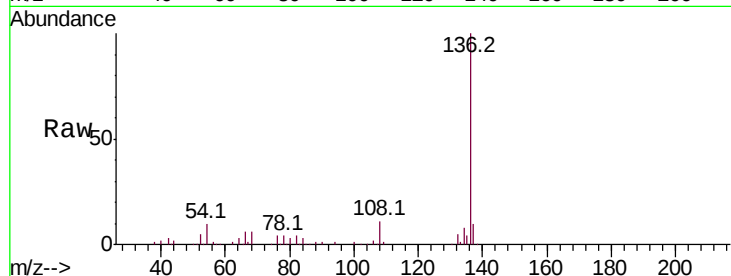
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 9.7 9.2 13.8

68 5.9 5.8 8.6

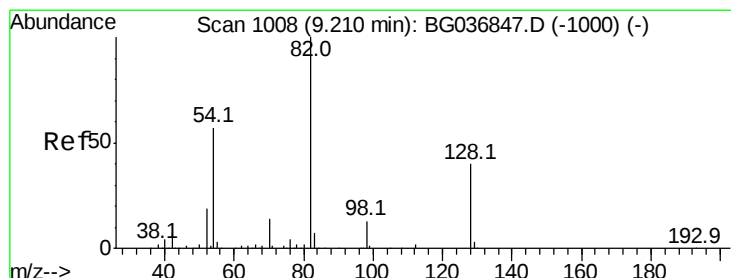
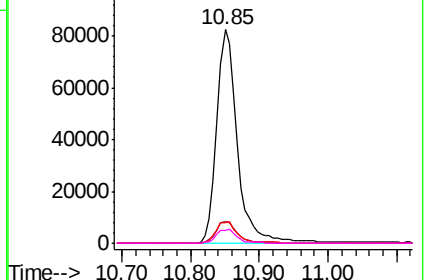
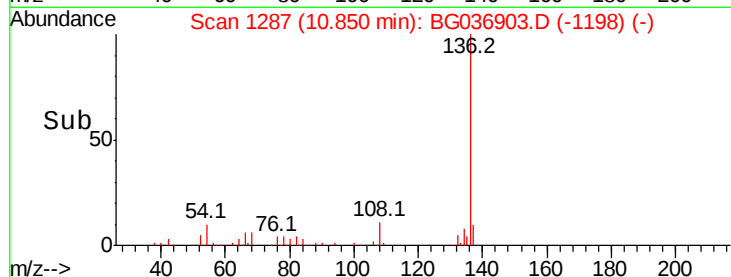


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#23

Nitrobenzene-d5

Concen: 98.403 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BG036903.D

Acq: 22 Sep 2018 22:04

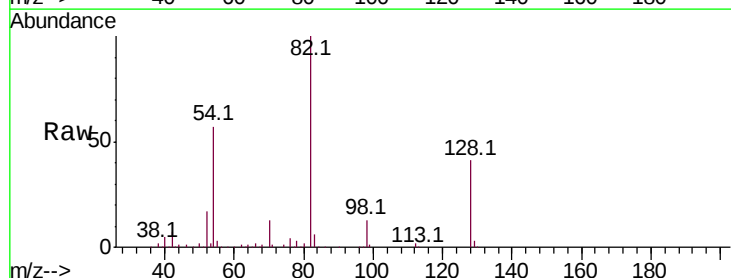
Tgt Ion: 82 Resp: 318209

Ion Ratio Lower Upper

82 100

128 40.8 33.3 49.9

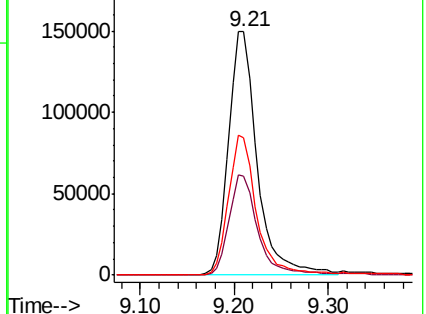
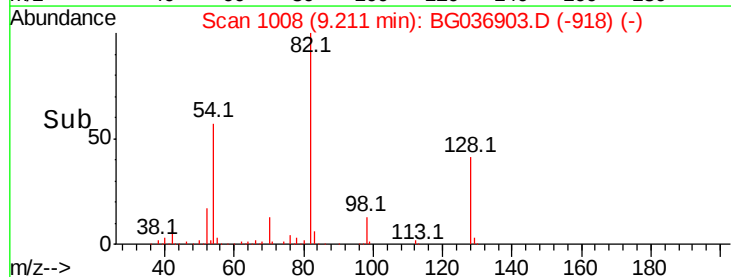
54 56.5 45.1 67.7

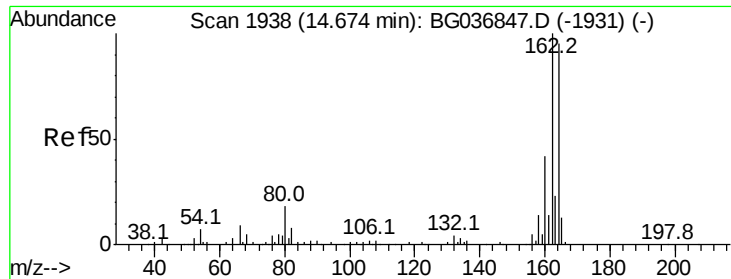


Abundance Ion 82.00 (81.70 to 82.70): BG

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BG





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG036903.D

Acq: 22 Sep 2018 22:04

Instrument :

BNA_G

ClientSampleId :

091918-SIDI-E-U-S

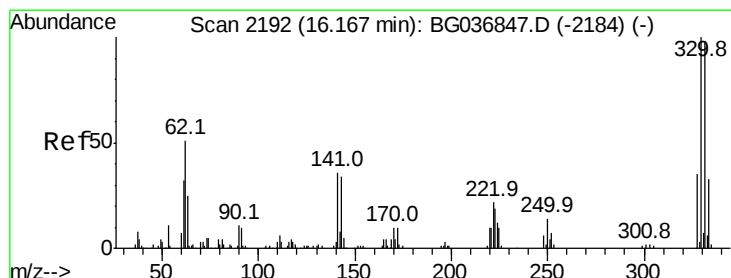
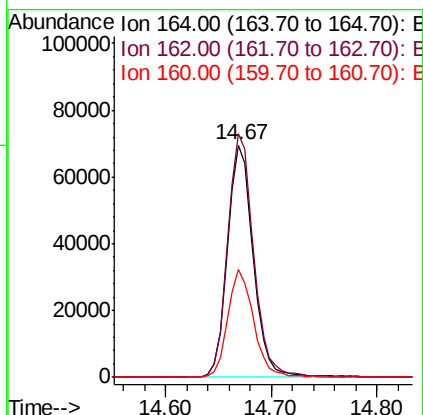
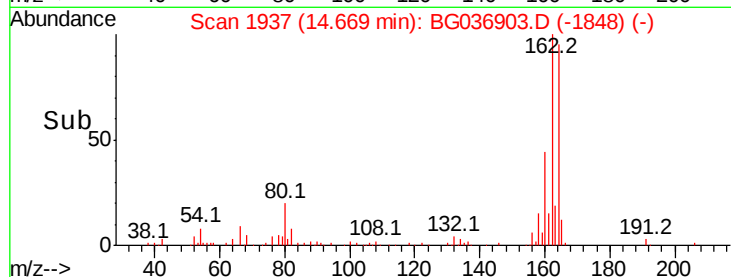
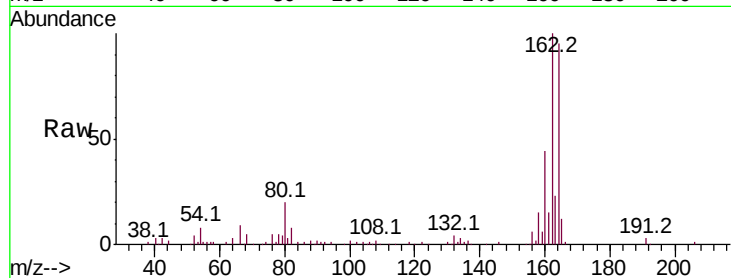
Tot Ion:164 Resp: 116533

Ion Ratio Lower Upper

164 100

162 104.9 80.7 121.1

160 46.5 35.3 52.9



#41

2,4,6-Tribromophenol

Concen: 106.777 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036903.D

Acq: 22 Sep 2018 22:04

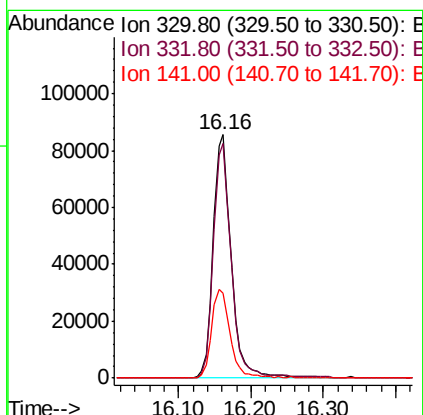
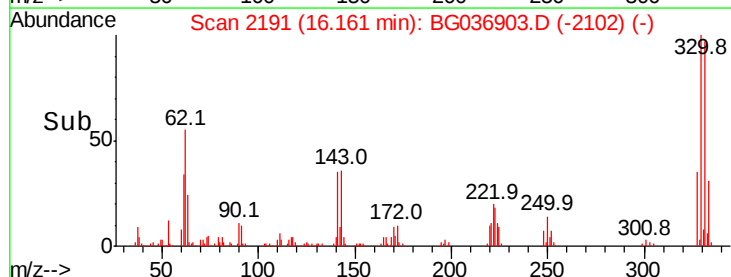
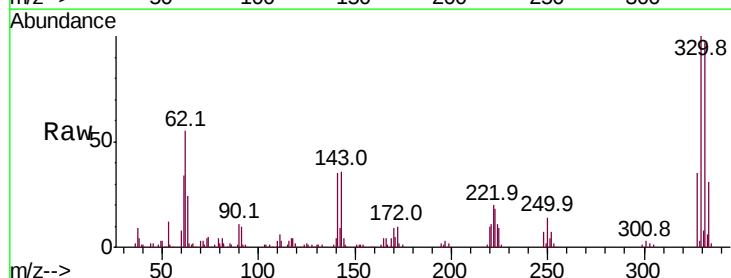
Tgt Ion:330 Resp: 148874

Ion Ratio Lower Upper

330 100

332 95.5 75.4 113.2

141 37.7 30.7 46.1

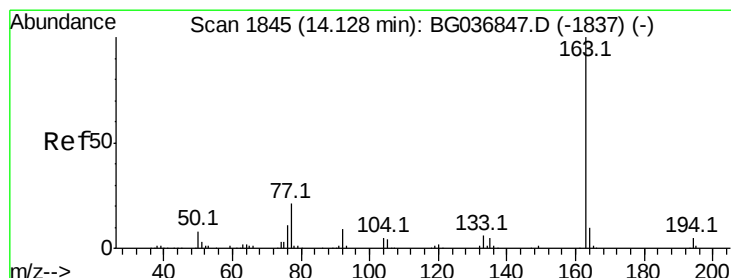
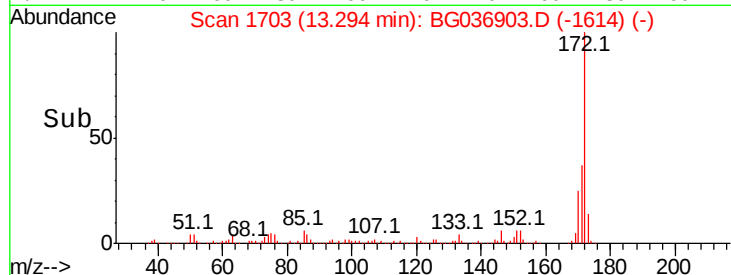
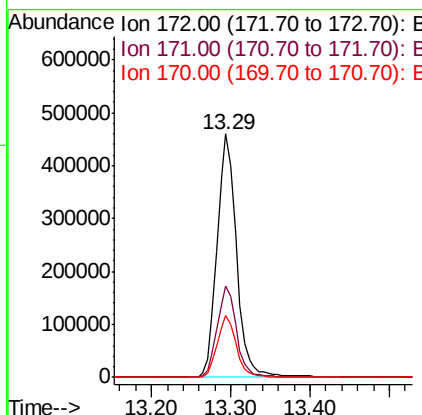
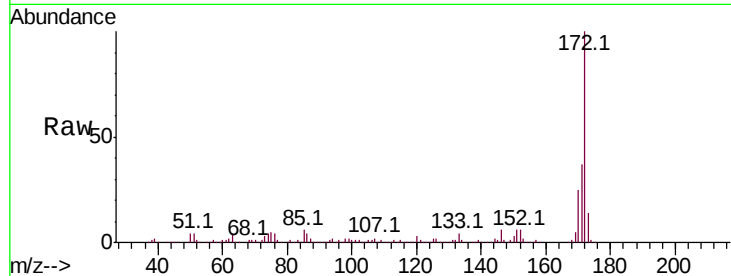




#44
2-Fluorobiphenyl
Concen: 100.315 ng
RT: 13.29 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG036903.D
Acq: 22 Sep 2018 22:04

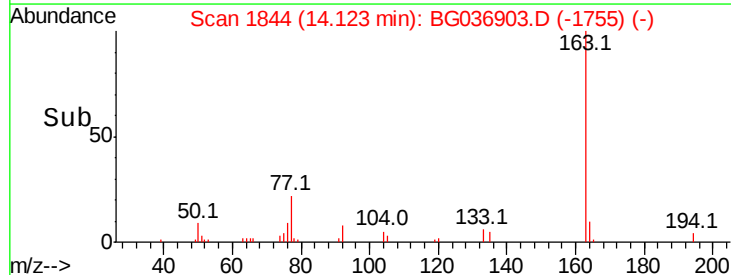
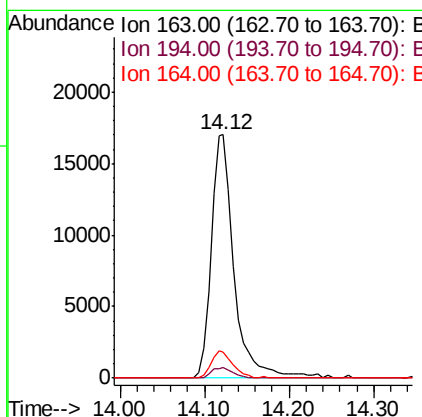
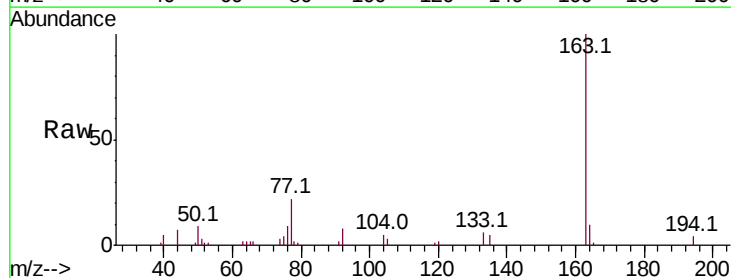
Instrument :
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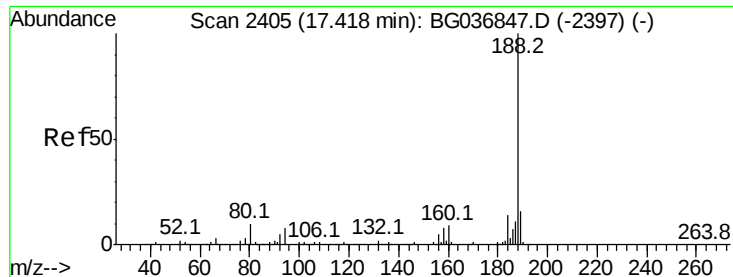
Tot Ion:172 Resp: 784889
Ion Ratio Lower Upper
172 100
171 37.3 31.3 46.9
170 25.2 21.0 31.6



#49
Dimethylphthalate
Concen: 3.442 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BG036903.D
Acq: 22 Sep 2018 22:04

Tgt Ion:163 Resp: 32282
Ion Ratio Lower Upper
163 100
194 4.3 4.0 6.0
164 10.5 8.1 12.1

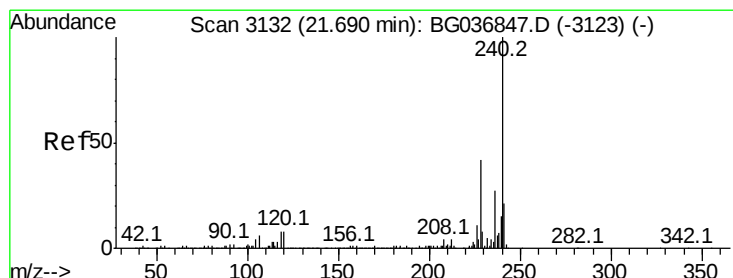
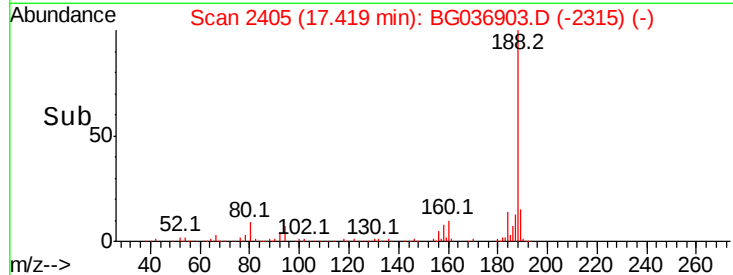
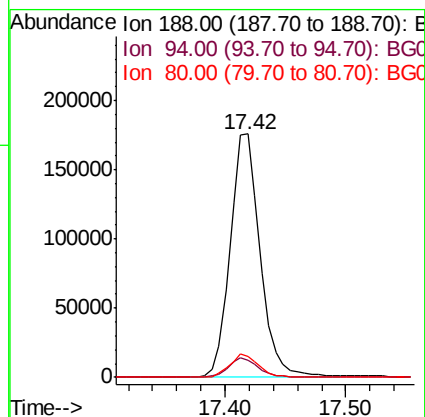
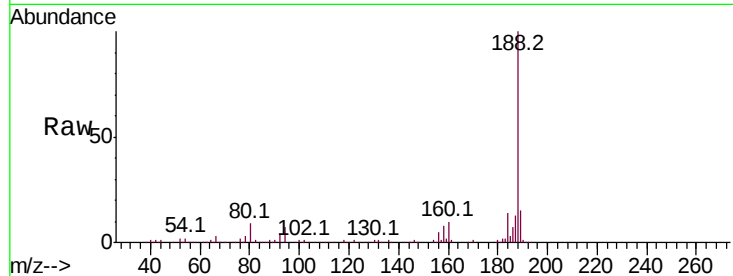




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. 0.00 min
Lab File: BG036903.D
Acq: 22 Sep 2018 22:04

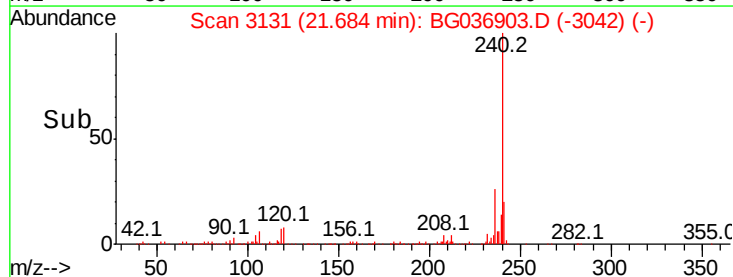
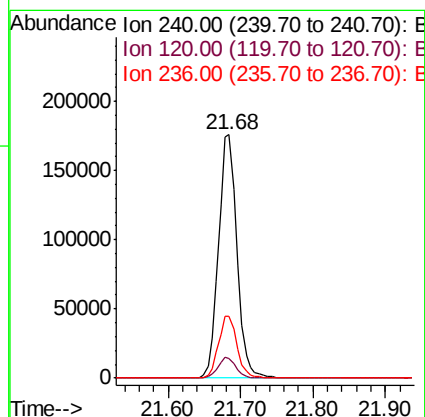
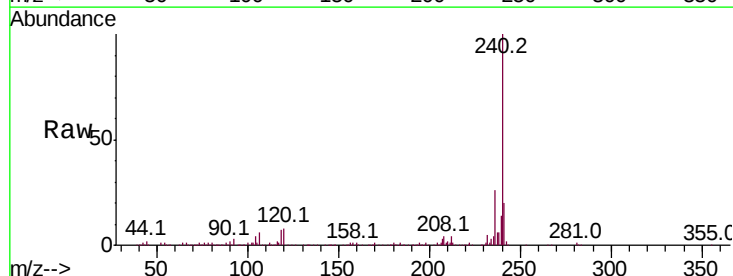
Instrument :
BNA_G
ClientSampleId :
091918-SIDI-E-U-S

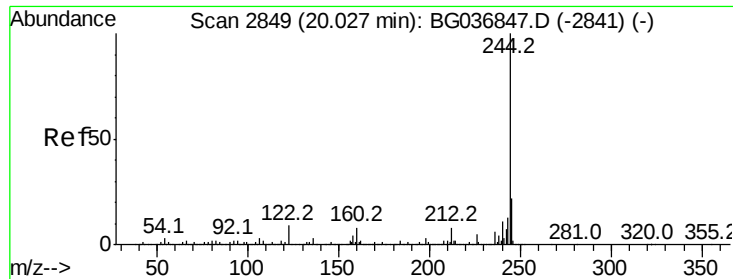
Tot Ion:188 Resp: 303698
Ion Ratio Lower Upper
188 100
94 7.2 6.7 10.1
80 8.8 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036903.D
Acq: 22 Sep 2018 22:04

Tgt Ion:240 Resp: 311158
Ion Ratio Lower Upper
240 100
120 8.0 6.9 10.3
236 25.6 21.2 31.8





#78

Terphenyl-d14

Concen: 111.272 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036903.D

Acq: 22 Sep 2018 22:04

Instrument :

BNA_G

ClientSampleId :

091918-SIDI-E-U-S

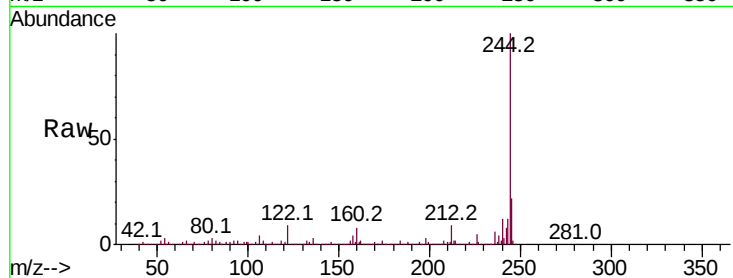
Tot Ion:244 Resp: 1316723

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	9.1	7.1	10.7

244 100

212 8.5 7.0 10.6

122 9.1 7.1 10.7

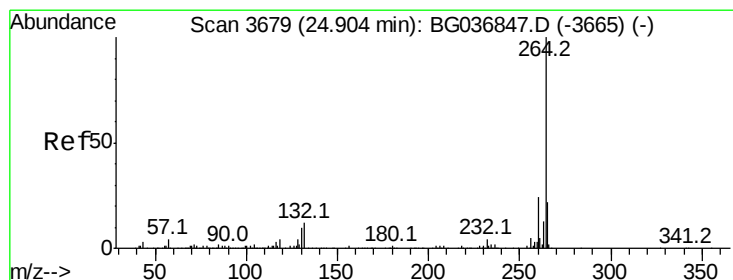
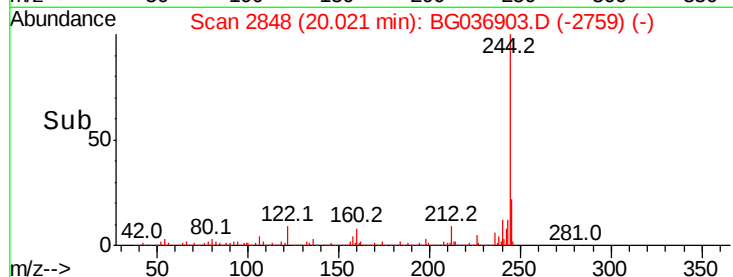
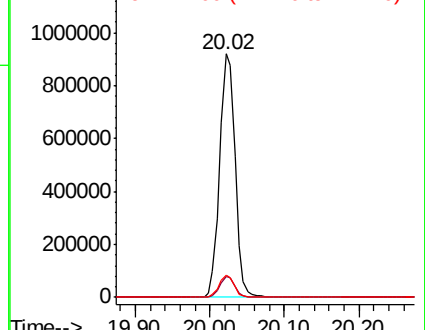


Abundance

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

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3676

Delta R.T. -0.02 min

Lab File: BG036903.D

Acq: 22 Sep 2018 22:04

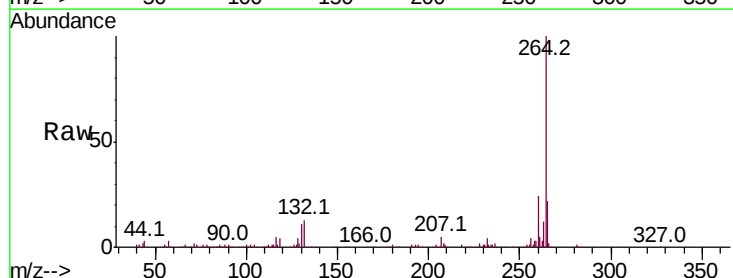
Tgt Ion:264 Resp: 313098

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	21.9	17.4	26.0

264 100

260 23.8 19.6 29.4

265 21.9 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

