

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092218\
 Data File : BG036902.D
 Acq On : 22 Sep 2018 21:24
 Operator : JU/SJ
 Sample : J5019-09
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Sep 24 04:57:30 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	43772	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	188175	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	127927	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	340017	20.00	ng	0.00
75) Chrysene-d12	21.68	240	349740	20.00	ng	-0.01
86) Perylene-d12	24.89	264	348794	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	115467	50.59	ng	0.00
7) Phenol-d6	7.21	99	96932	27.45	ng	0.00
23) Nitrobenzene-d5	9.21	82	368032	104.73	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	178547	116.65	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	915090	106.54	ng	0.00
78) Terphenyl-d14	20.02	244	1544969	116.16	ng	0.00

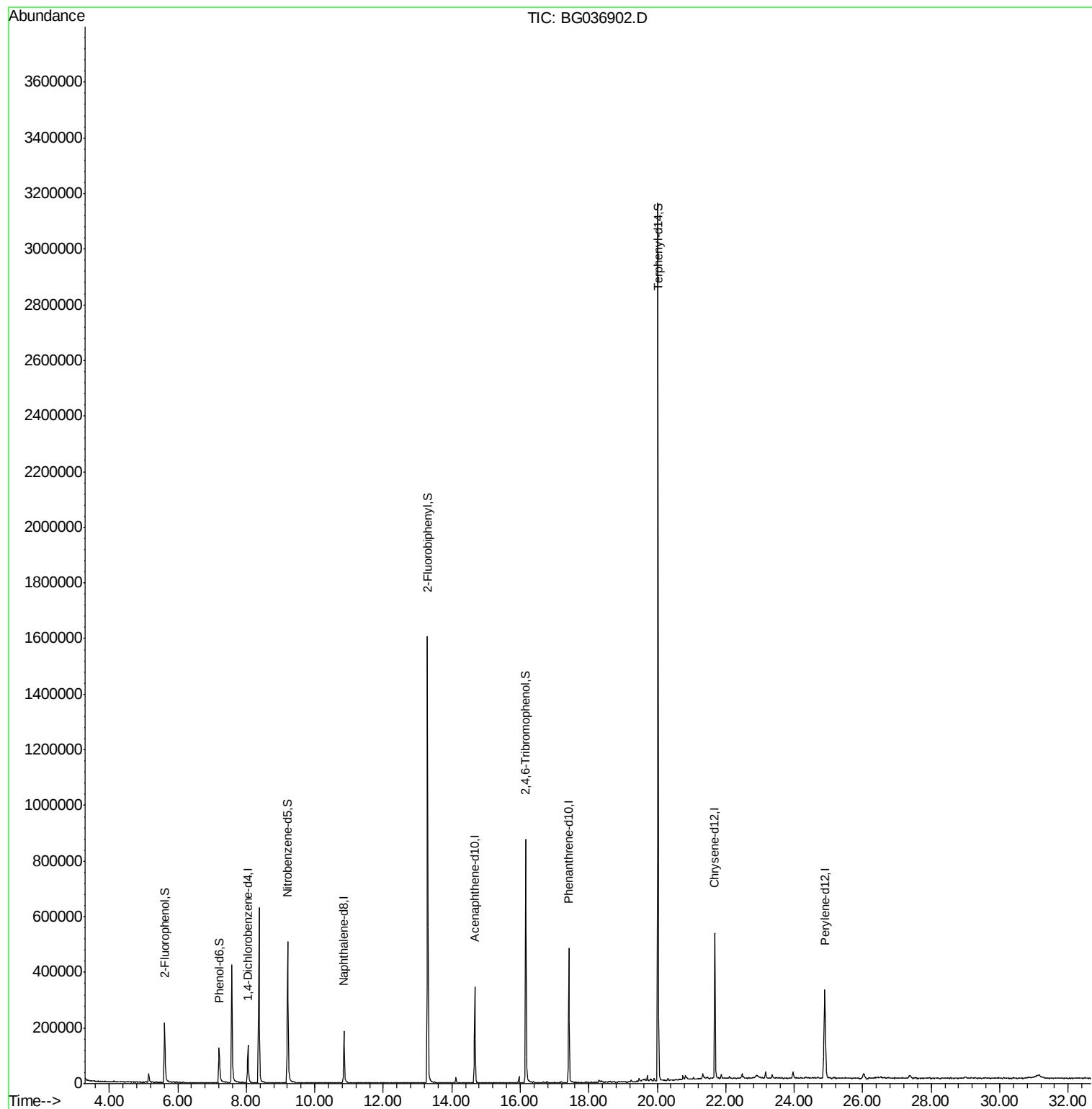
Target Compounds Qvalue

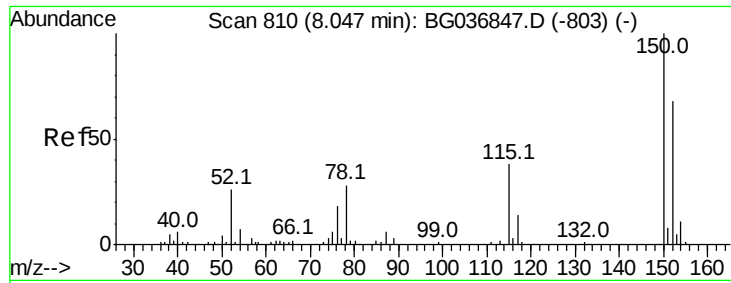
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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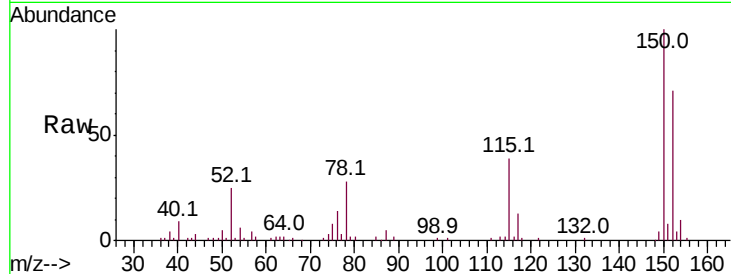


#1

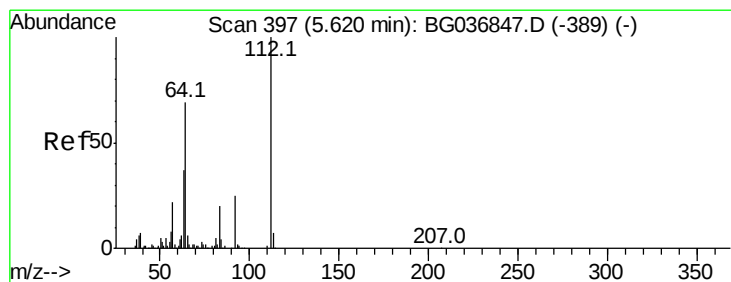
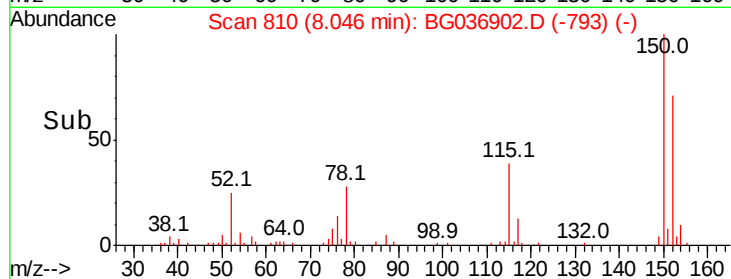
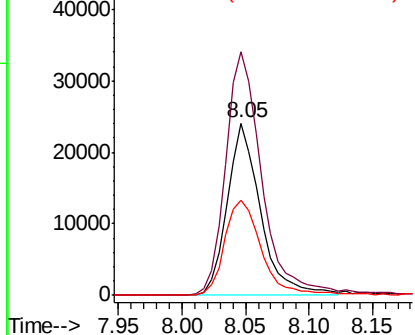
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG036902.D
Acq: 22 Sep 2018 21:24

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

Tot Ion:152 Resp: 43772
Ion Ratio Lower Upper
152 100
150 141.5 119.5 179.3
115 55.0 44.5 66.7



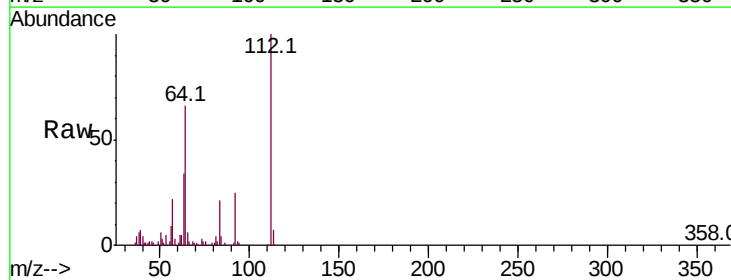
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



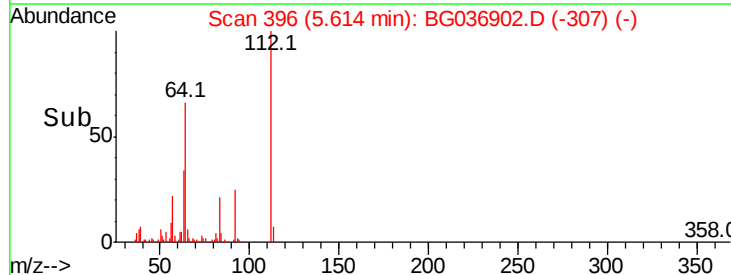
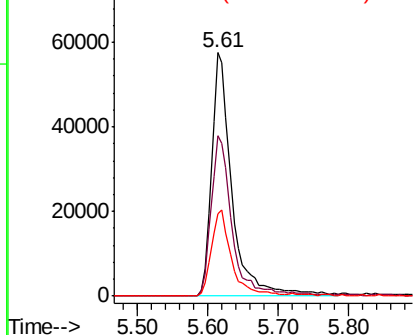
#5

2-Fluorophenol
Concen: 50.590 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG036902.D
Acq: 22 Sep 2018 21:24

Tgt Ion:112 Resp: 115467
Ion Ratio Lower Upper
112 100
64 66.0 57.2 85.8
63 34.0 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: 27.449 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036902.D

Acq: 22 Sep 2018 21:24

Instrument :

BNA_G

ClientSampleId :

091918-SIDI-E-U-B

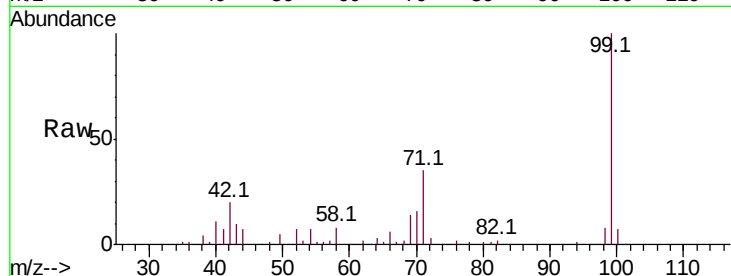
Tot Ion: 99 Resp: 96932

Ion Ratio Lower Upper

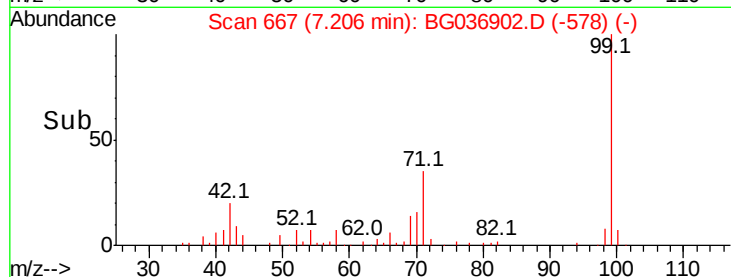
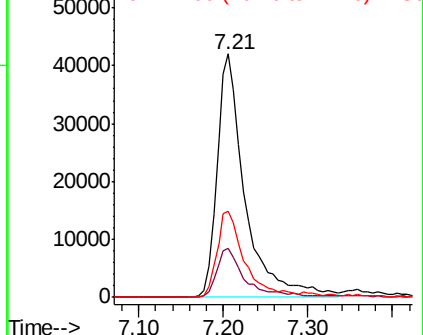
99 100

42 20.4 16.5 24.7

71 35.4 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: 10.85 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG036902.D

Acq: 22 Sep 2018 21:24

Tgt Ion:136 Resp: 188175

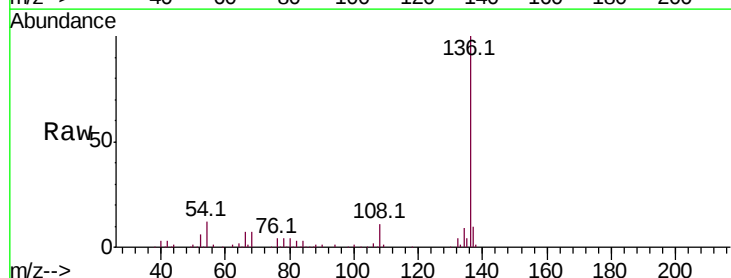
Ion Ratio Lower Upper

136 100

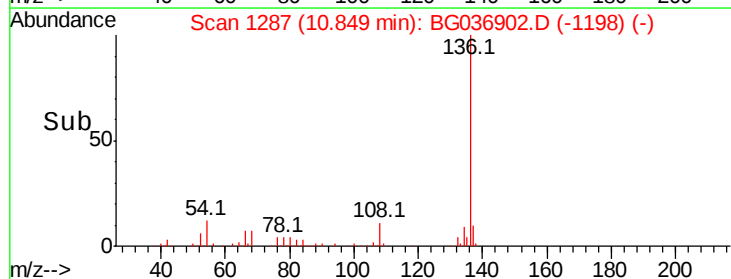
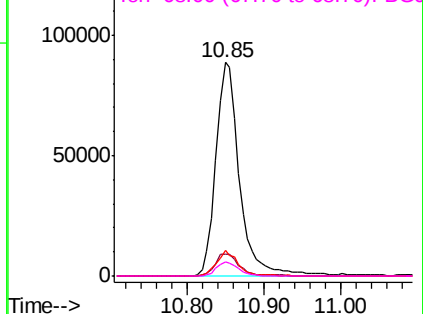
137 10.4 8.8 13.2

54 12.0 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

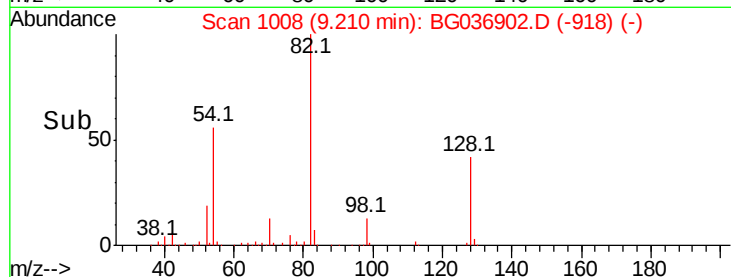
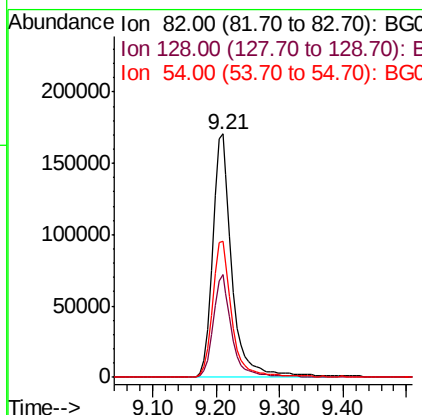
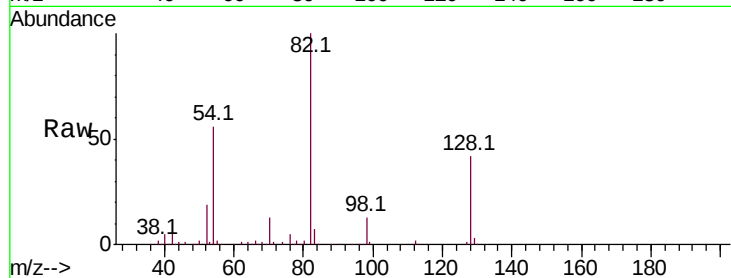




#23
 Nitrobenzene-d5
 Concen: 104.735 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BG036902.D
 Acq: 22 Sep 2018 21:24

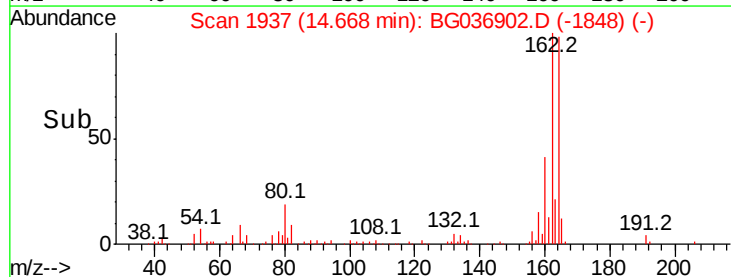
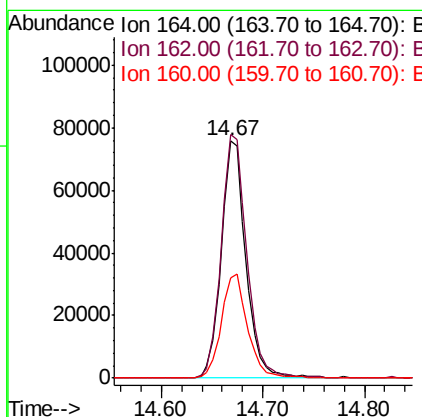
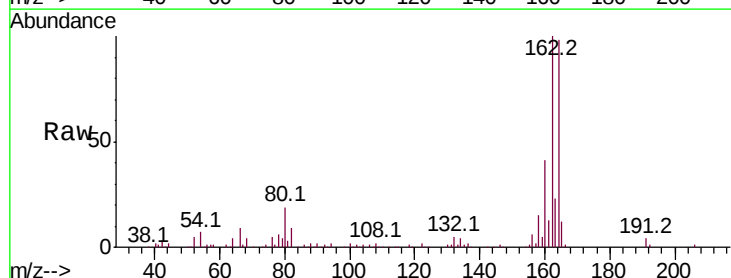
Instrument :
 BNA_G
 ClientSampleId :
 091918-SIDI-E-U-B

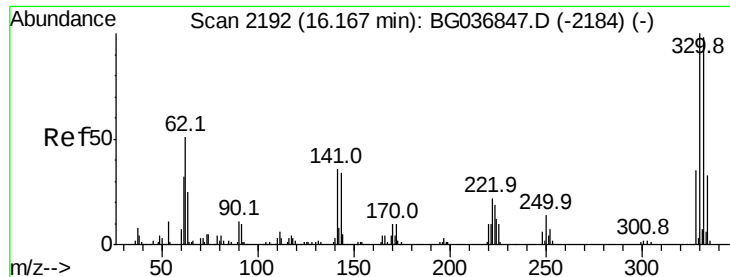
Tot Ion	82	Resp	368032
Ion Ratio	Lower	Upper	
82	100		
128	42.2	33.3	49.9
54	56.0	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: BG036902.D
 Acq: 22 Sep 2018 21:24

Tgt Ion	164	Resp	127927
Ion Ratio	Lower	Upper	
164	100		
162	102.4	80.7	121.1
160	42.2	35.3	52.9

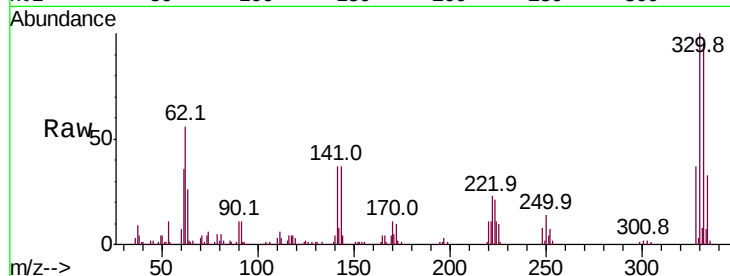




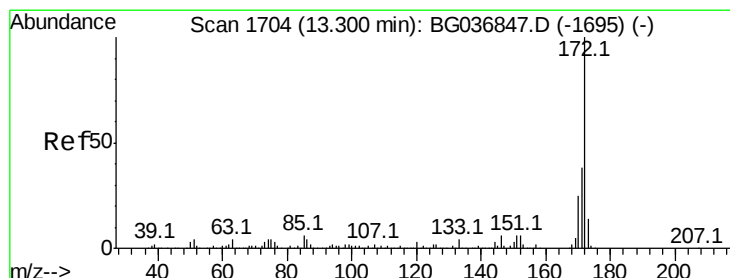
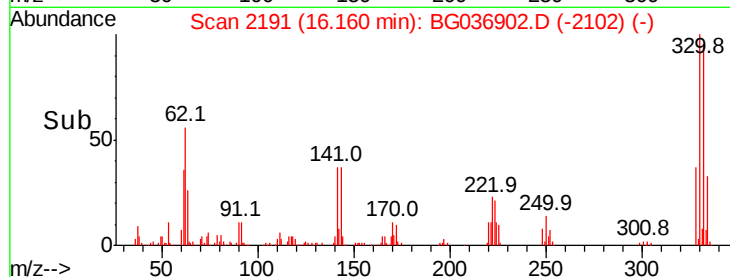
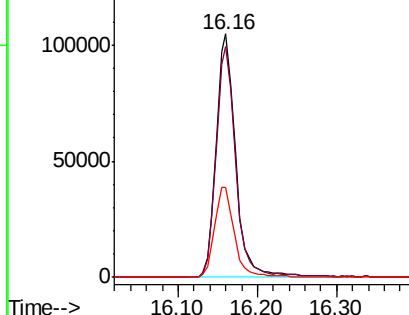
#41
 2,4,6-Tribromophenol
 Concen: 116.654 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036902.D
 Acq: 22 Sep 2018 21:24

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	75.4	113.2
141	37.5	30.7	46.1

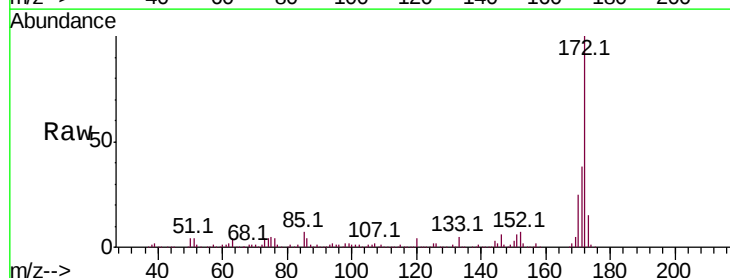


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

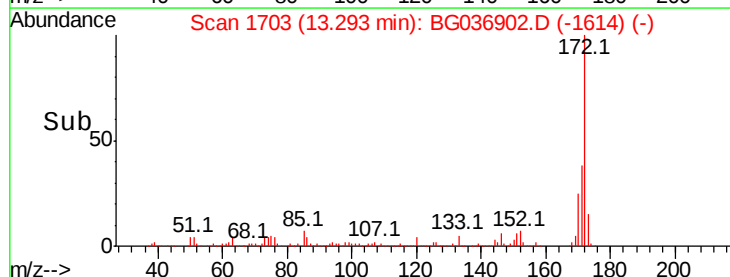
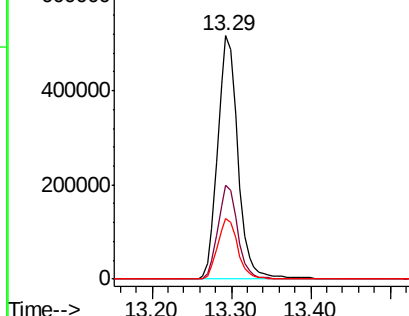


#44
 2-Fluorobiphenyl
 Concen: 106.539 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036902.D
 Acq: 22 Sep 2018 21:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.3	46.9
170	24.9	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

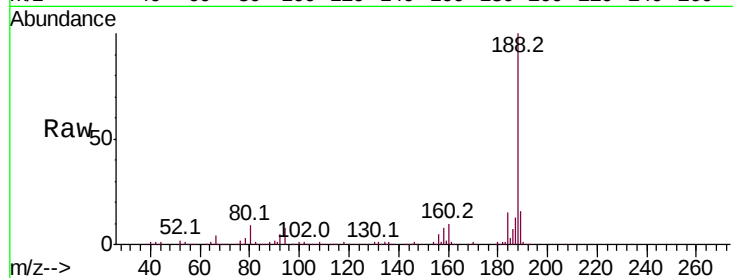




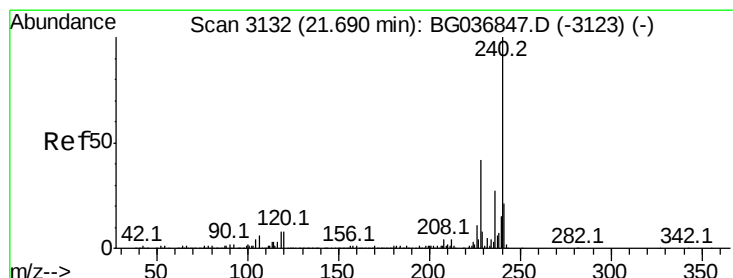
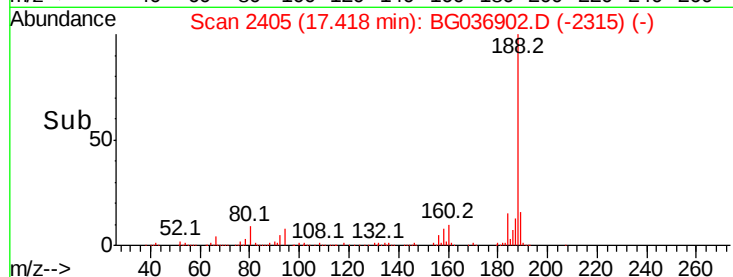
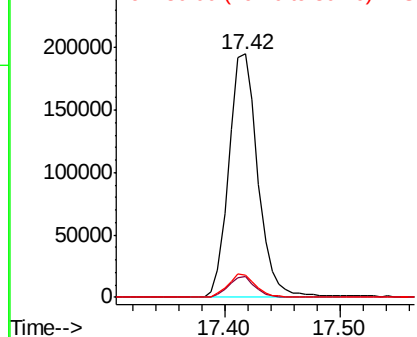
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BG036902.D
Acq: 22 Sep 2018 21:24

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

Tot Ion:188 Resp: 340017
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 8.9 8.1 12.1

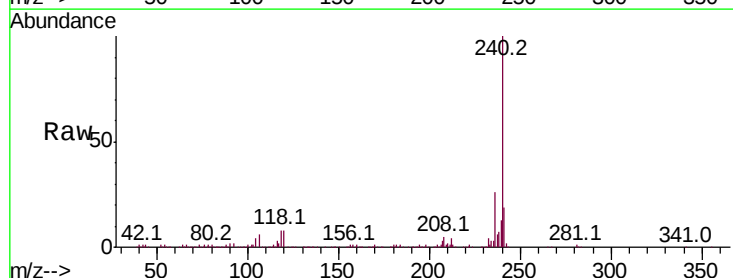


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

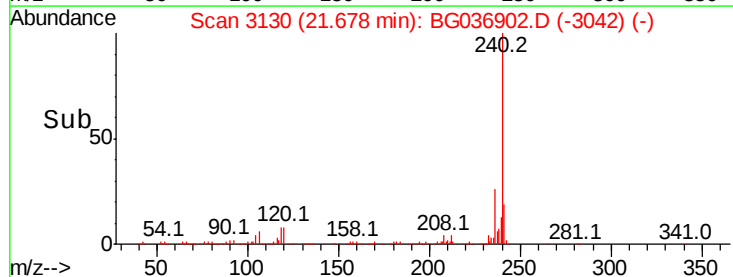
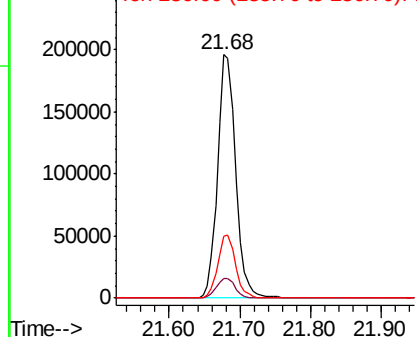


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036902.D
Acq: 22 Sep 2018 21:24

Tgt Ion:240 Resp: 349740
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: 116.157 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036902.D

Acq: 22 Sep 2018 21:24

Instrument :

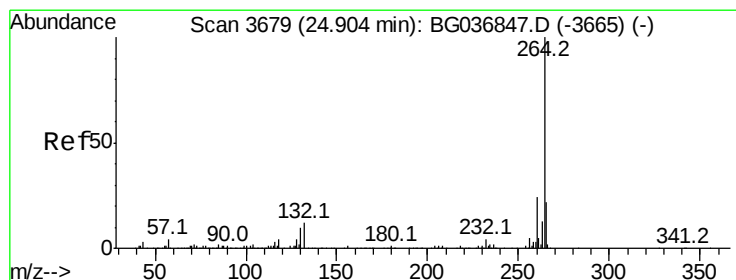
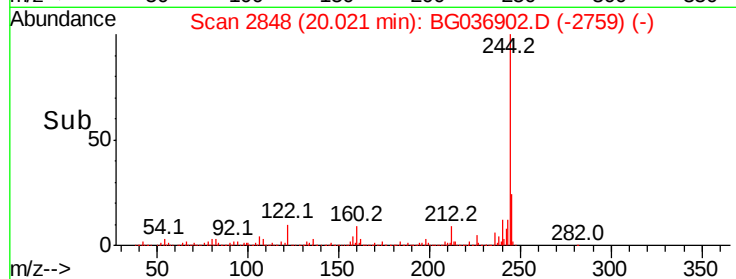
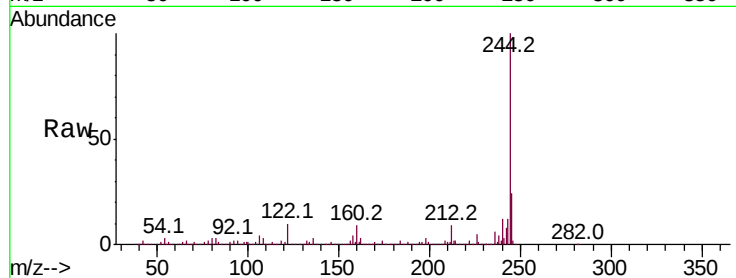
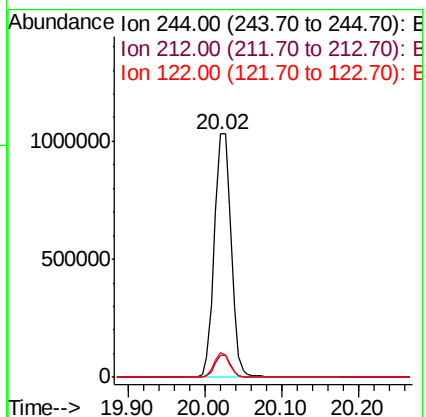
BNA_G

ClientSampleId :

091918-SIDI-E-U-B

Tot Ion:244 Resp: 1544969

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.0	10.6
122	10.2	7.1	10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3677

Delta R.T. -0.01 min

Lab File: BG036902.D

Acq: 22 Sep 2018 21:24

Tgt Ion:264 Resp: 348794

Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.6	29.4
265	22.3	17.4	26.0

