

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
 Data File : BG036898.D
 Acq On : 22 Sep 2018 17:29
 Operator : JU/SJ
 Sample : J5019-08
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

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

Quant Time: Sep 24 04:29:48 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	38547	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	163183	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	114386	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	299077	20.00	ng	0.00
75) Chrysene-d12	21.68	240	319831	20.00	ng	0.00
86) Perylene-d12	24.89	264	319090	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	94448	46.99	ng	0.00
7) Phenol-d6	7.21	99	83605	26.88	ng	0.00
23) Nitrobenzene-d5	9.21	82	319836	104.96	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	148720	108.67	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	783992	102.08	ng	0.00
78) Terphenyl-d14	20.03	244	1409489	115.88	ng	0.00

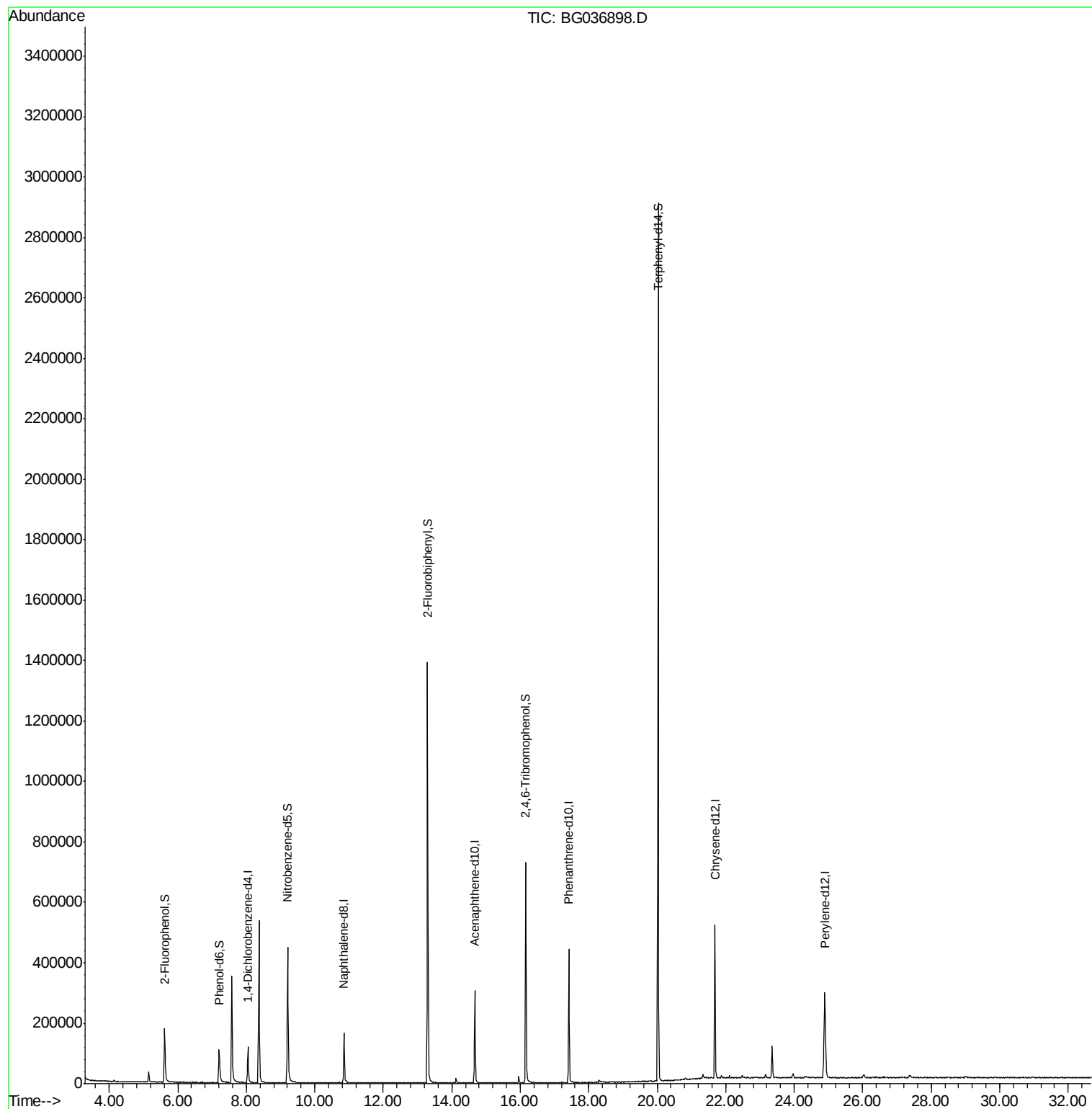
Target Compounds Qvalue

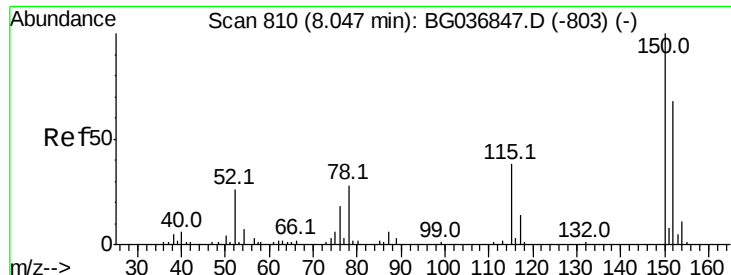
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG036898.D

Acq: 22 Sep 2018 17:29

Instrument :

BNA_G

ClientSampleId :

091918-SIDI-E-D-S

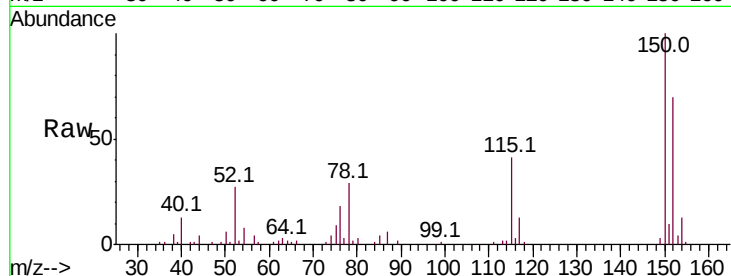
Tot Ion:152 Resp: 38547

Ion Ratio Lower Upper

152 100

150 142.4 119.5 179.3

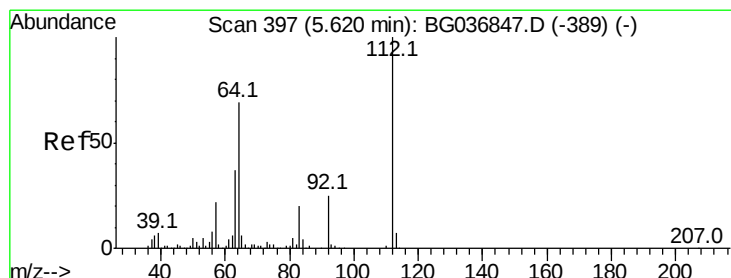
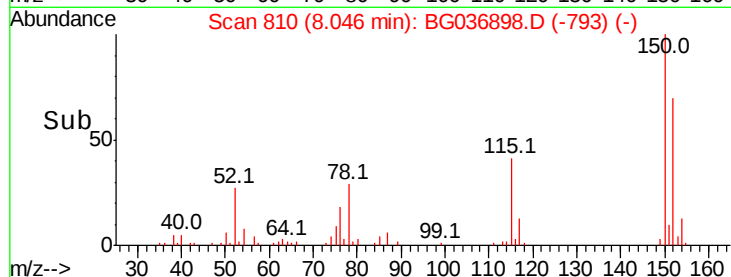
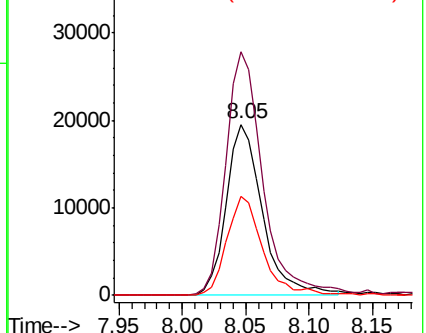
115 58.3 44.5 66.7



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: 46.990 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BG036898.D

Acq: 22 Sep 2018 17:29

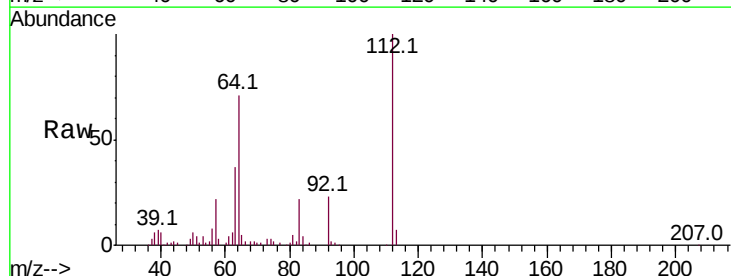
Tgt Ion:112 Resp: 94448

Ion Ratio Lower Upper

112 100

64 71.5 57.2 85.8

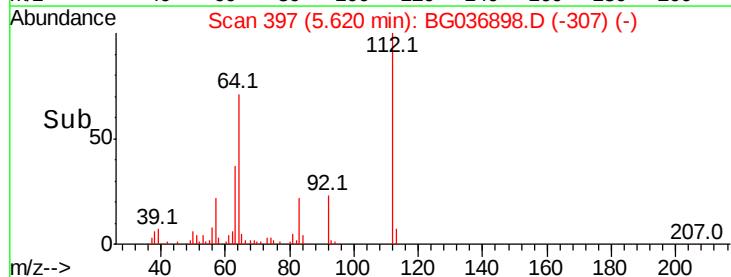
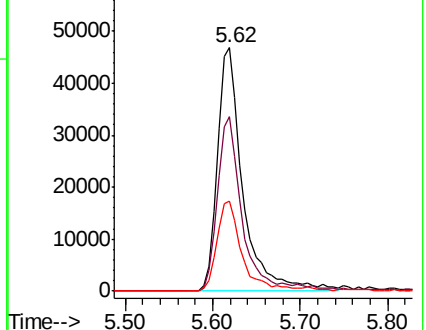
63 36.8 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 26.885 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036898.D

Acq: 22 Sep 2018 17:29

Instrument :

BNA_G

ClientSampleId :

091918-SIDI-E-D-S

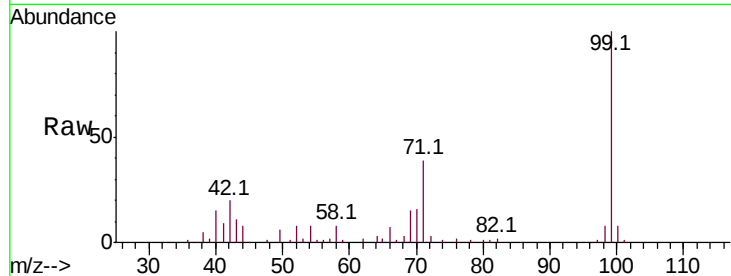
Tot Ion: 99 Resp: 83605

Ion Ratio Lower Upper

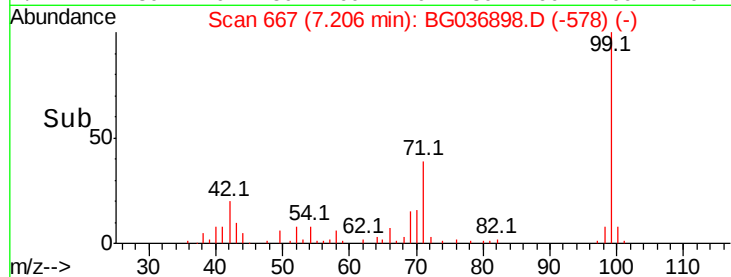
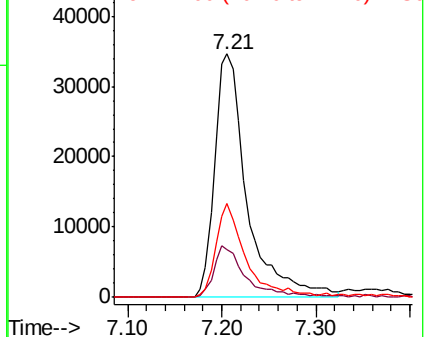
99 100

42 19.7 16.5 24.7

71 38.7 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: BG036898.D

Acq: 22 Sep 2018 17:29

Tgt Ion:136 Resp: 163183

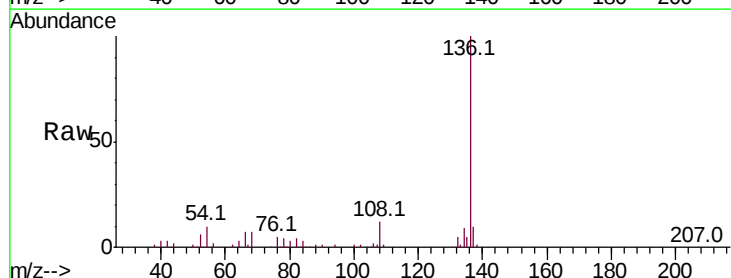
Ion Ratio Lower Upper

136 100

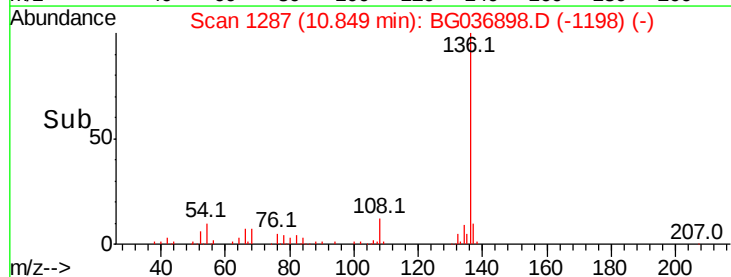
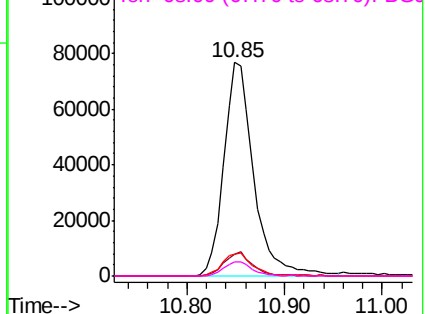
137 10.4 8.8 13.2

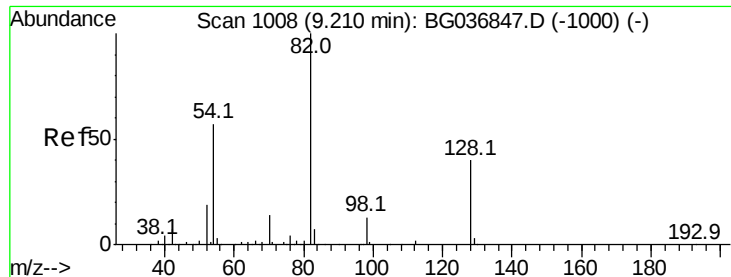
54 10.0 9.2 13.8

68 6.8 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

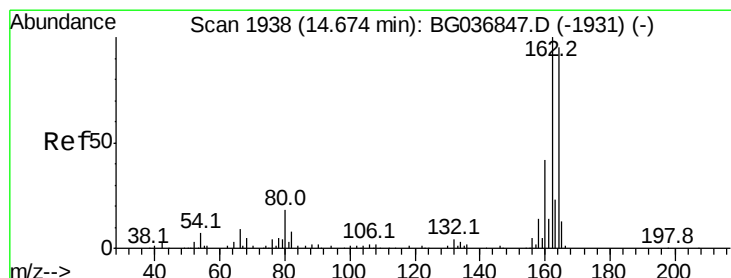
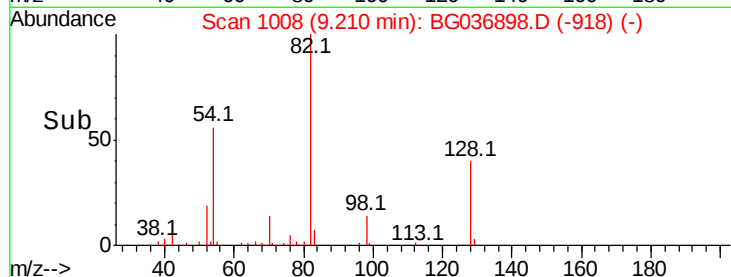
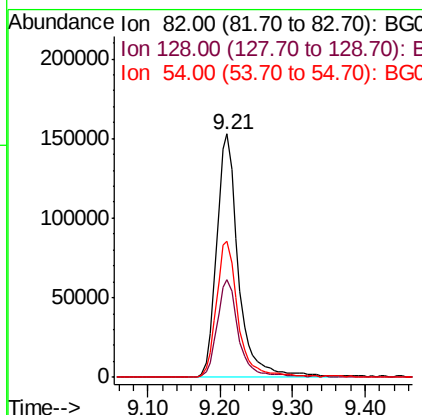
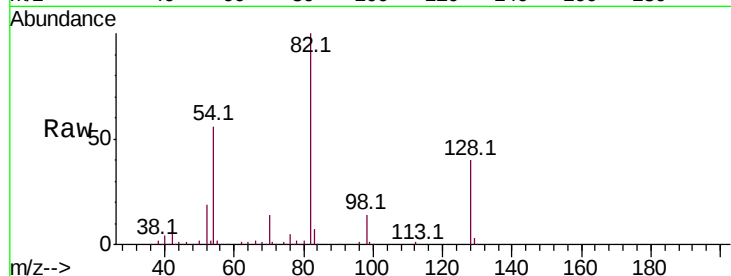




#23
 Nitrobenzene-d5
 Concen: 104.959 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BG036898.D
 Acq: 22 Sep 2018 17:29

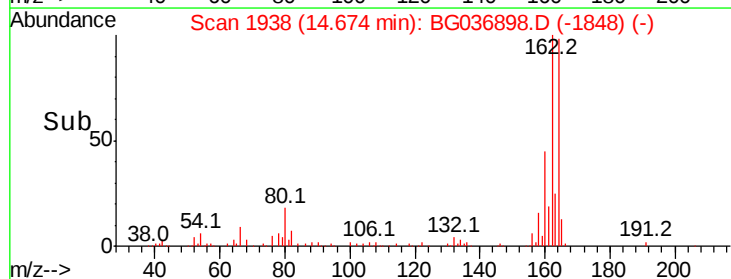
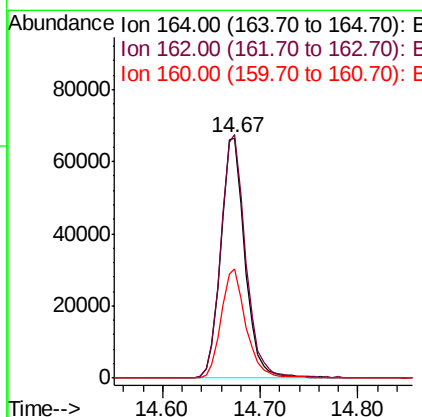
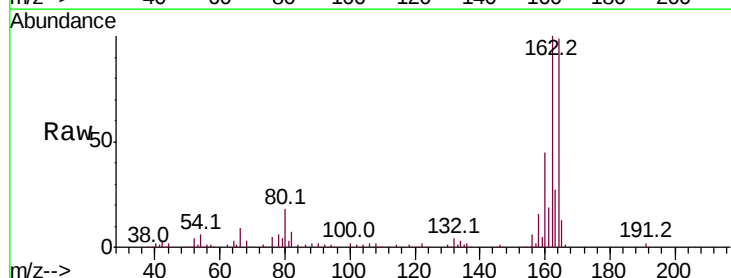
Instrument :
 BNA_G
 ClientSampleId :
 091918-SIDI-E-D-S

Tot Ion	82	Resp	319836
Ion	Ratio	Lower	Upper
82	100		
128	40.0	33.3	49.9
54	56.1	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: BG036898.D
 Acq: 22 Sep 2018 17:29

Tgt Ion	164	Resp	114386
Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.7	121.1
160	45.4	35.3	52.9

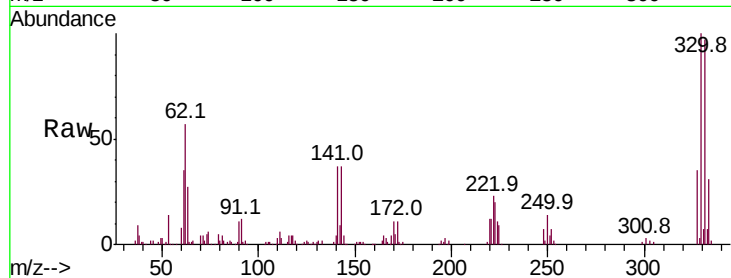




#41
 2,4,6-Tribromophenol
 Concen: 108.669 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036898.D
 Acq: 22 Sep 2018 17:29

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	75.4	113.2
141	38.1	30.7	46.1

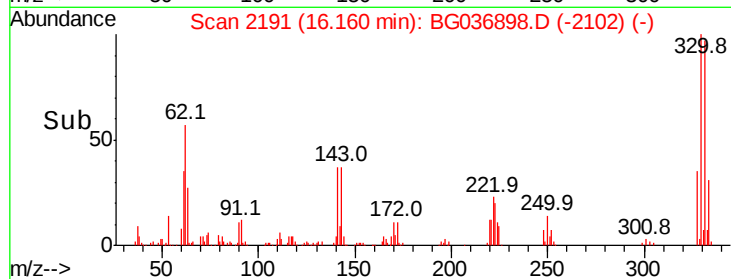
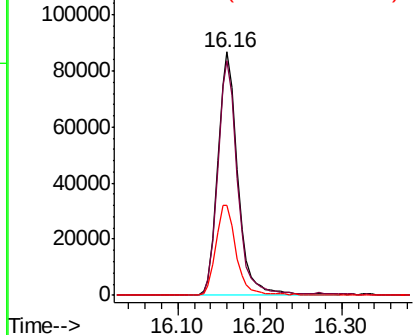


Abundance

Ion 329.80 (329.50 to 330.50): E

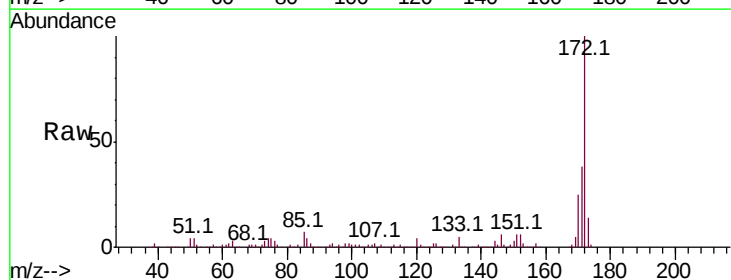
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 102.082 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036898.D
 Acq: 22 Sep 2018 17:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.3	46.9
170	25.4	21.0	31.6

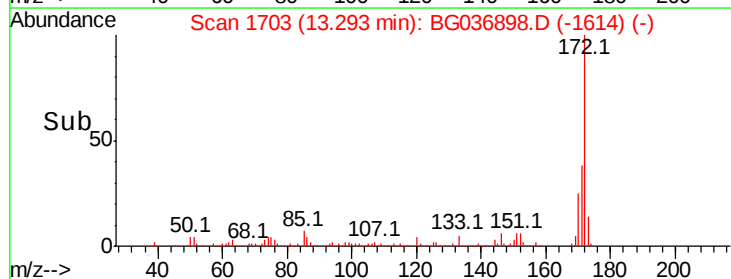
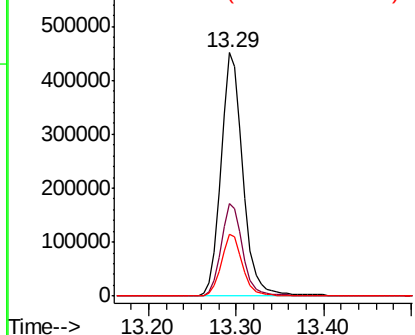


Abundance

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

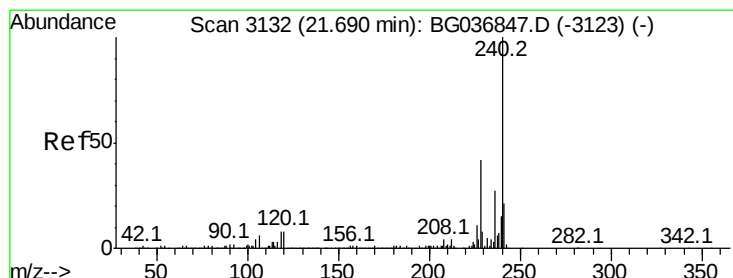
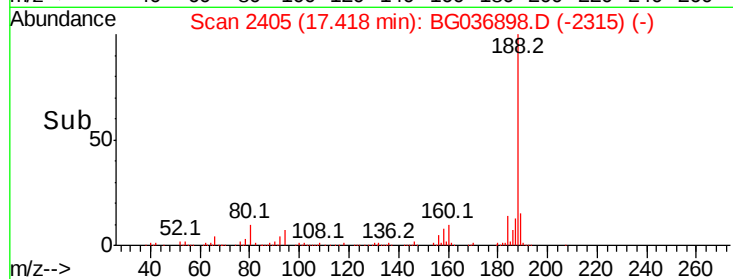
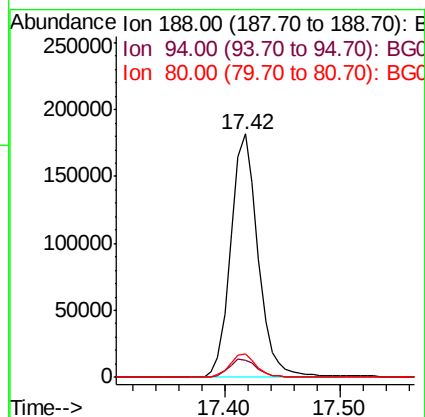
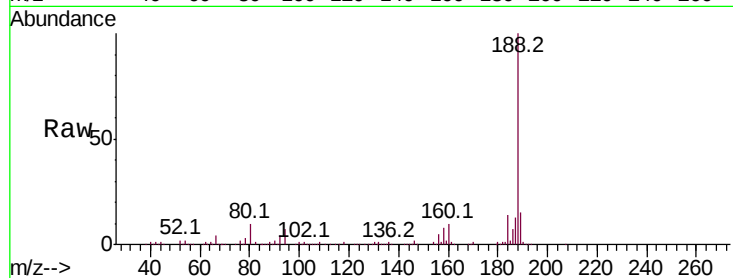




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BG036898.D
Acq: 22 Sep 2018 17:29

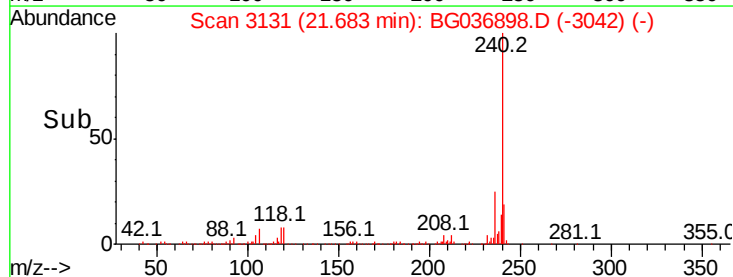
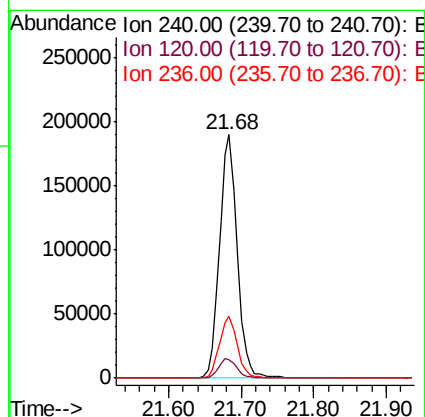
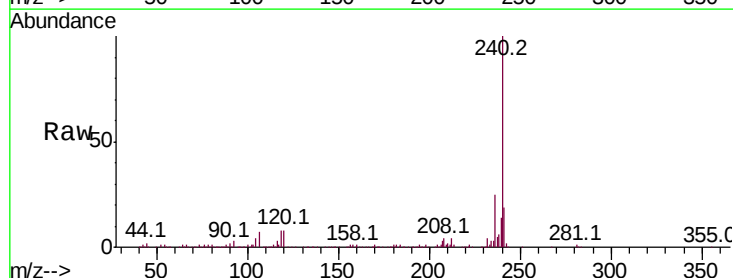
Instrument :
BNA_G
ClientSampleId :
091918-SIDI-E-D-S

Tot Ion:188 Resp: 299077
Ion Ratio Lower Upper
188 100
94 7.1 6.7 10.1
80 9.6 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: BG036898.D
Acq: 22 Sep 2018 17:29

Tgt Ion:240 Resp: 319831
Ion Ratio Lower Upper
240 100
120 7.7 6.9 10.3
236 25.3 21.2 31.8





#78

Terphenyl-d14

Concen: 115.881 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036898.D

Acq: 22 Sep 2018 17:29

Instrument :

BNA_G

ClientSampleId :

091918-SIDI-E-D-S

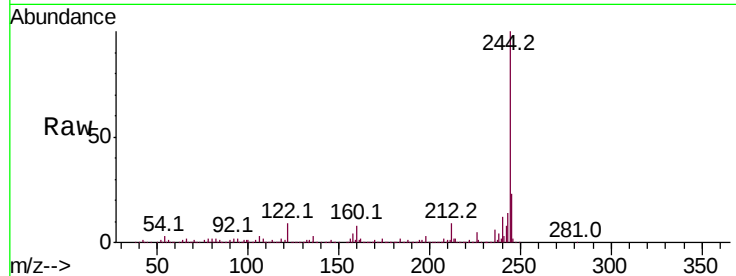
Tot Ion:244 Resp: 1409489

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	9.0	7.1	10.7

244 100

212 8.8 7.0 10.6

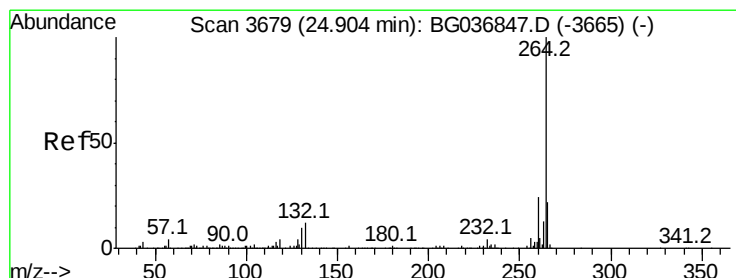
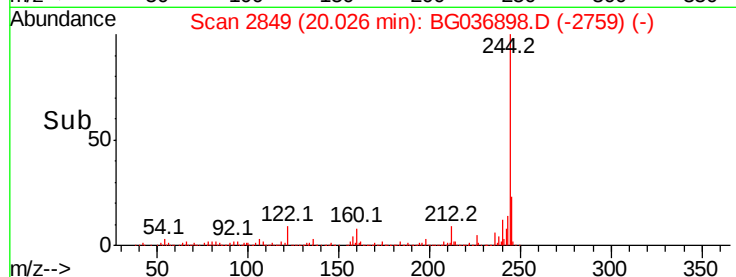
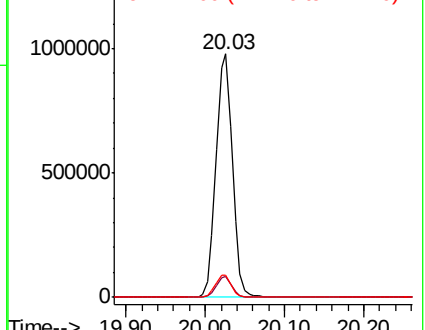
122 9.0 7.1 10.7



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# 3677

Delta R.T. -0.01 min

Lab File: BG036898.D

Acq: 22 Sep 2018 17:29

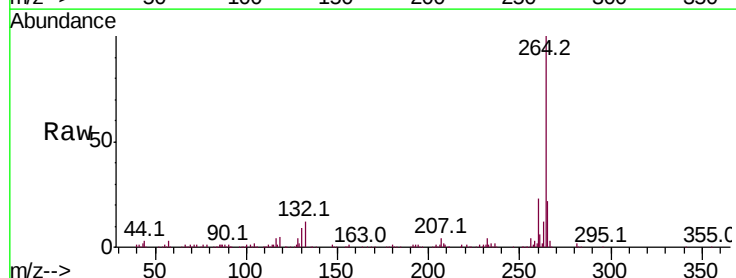
Tgt Ion:264 Resp: 319090

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	21.6	17.4	26.0

264 100

260 23.3 19.6 29.4

265 21.6 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

