

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
 Data File : BG036894.D
 Acq On : 22 Sep 2018 14:53
 Operator : JU/SJ
 Sample : J4778-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-091918

Quant Time: Sep 24 04:22:24 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	8.04	152	39185	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	166230	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	113507	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	302539	20.00	ng	0.00
75) Chrysene-d12	21.68	240	329531	20.00	ng	-0.01
86) Perylene-d12	24.89	264	330690	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	259147	126.83	ng	0.00
7) Phenol-d6	7.21	99	338382	107.04	ng	0.00
23) Nitrobenzene-d5	9.21	82	269122	86.70	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	178632	131.54	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	612665	80.39	ng	0.00
78) Terphenyl-d14	20.02	244	1219838	97.34	ng	0.00

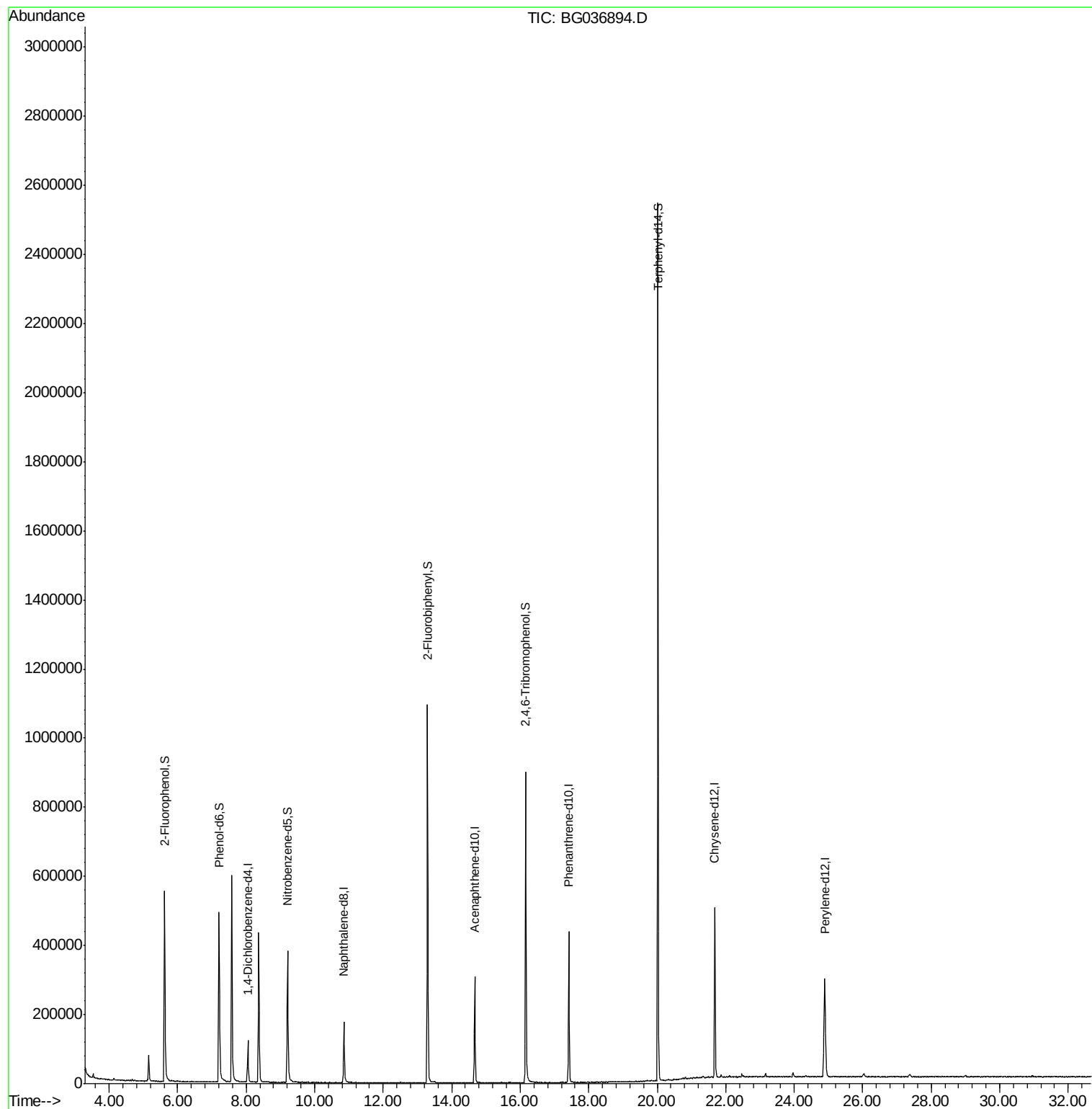
Target Compounds Qvalue

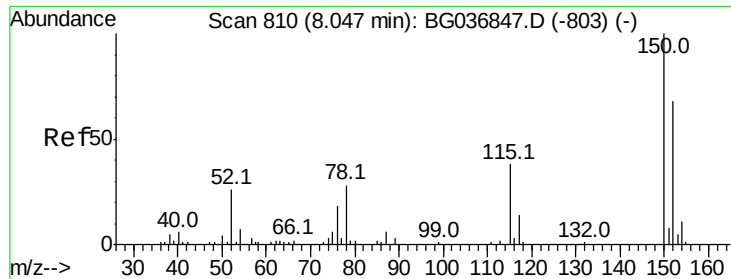
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.00 min

Lab File: BG036894.D

Acq: 22 Sep 2018 14:53

Instrument :

BNA_G

ClientSampleId :

SA-01-091918

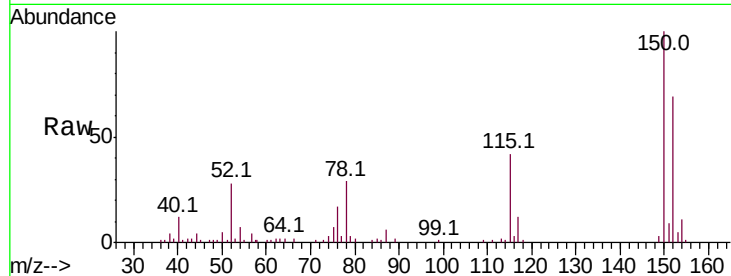
Tot Ion:152 Resp: 39185

Ion Ratio Lower Upper

152 100

150 144.8 119.5 179.3

115 60.2 44.5 66.7

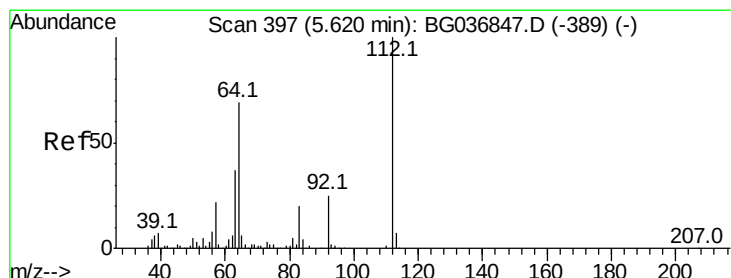
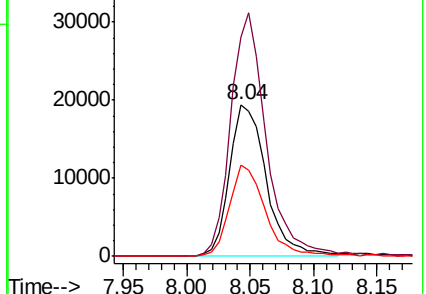
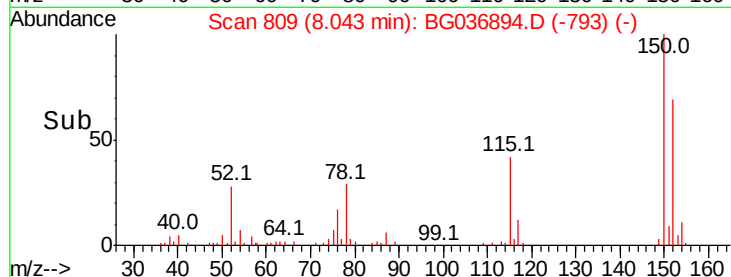


Abundance

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: 126.831 ng

RT: 5.62 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG036894.D

Acq: 22 Sep 2018 14:53

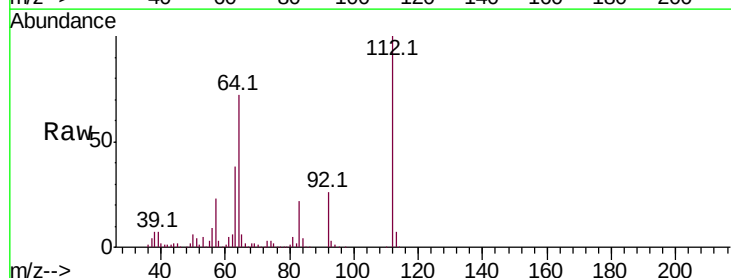
Tgt Ion:112 Resp: 259147

Ion Ratio Lower Upper

112 100

64 72.2 57.2 85.8

63 38.1 30.8 46.2

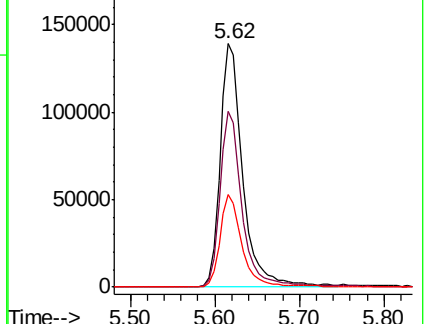
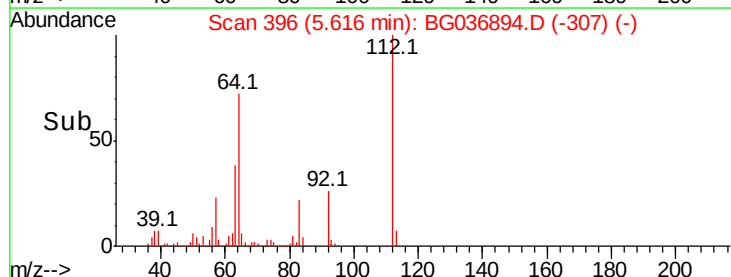


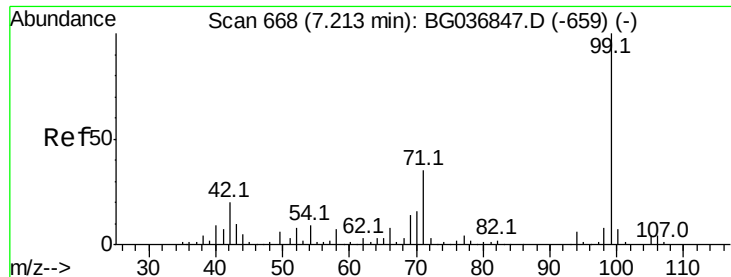
Abundance

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: 107.041 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG036894.D

Acq: 22 Sep 2018 14:53

Instrument :

BNA_G

ClientSampleId :

SA-01-091918

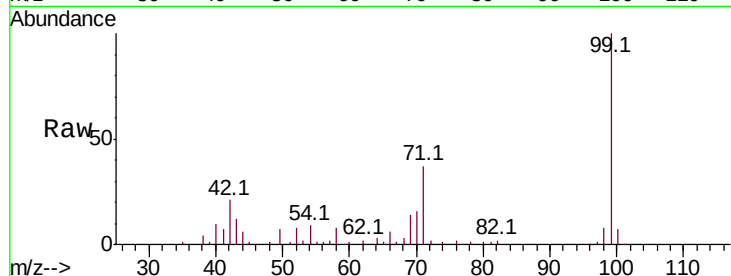
Tot Ion: 99 Resp: 338382

Ion Ratio Lower Upper

99 100

42 20.6 16.5 24.7

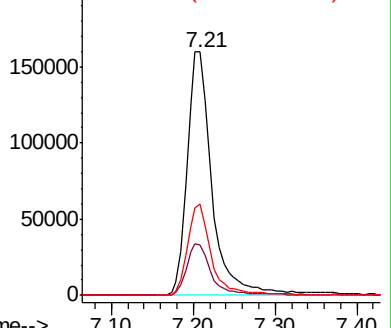
71 37.4 29.4 44.2



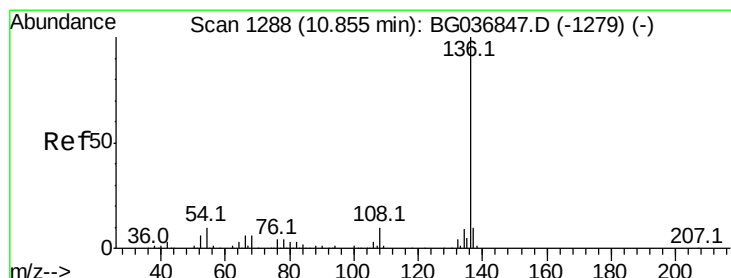
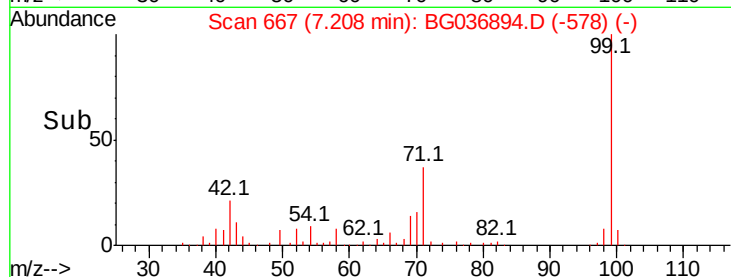
Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BG036894.D

Acq: 22 Sep 2018 14:53

Tgt Ion: 136 Resp: 166230

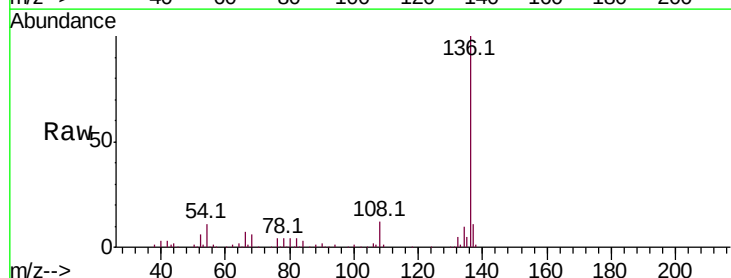
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 11.0 9.2 13.8

68 6.4 5.8 8.6

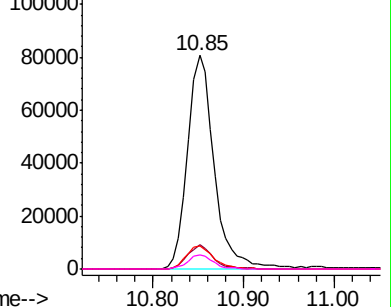


Abundance Ion 136.00 (135.70 to 136.70): BGC

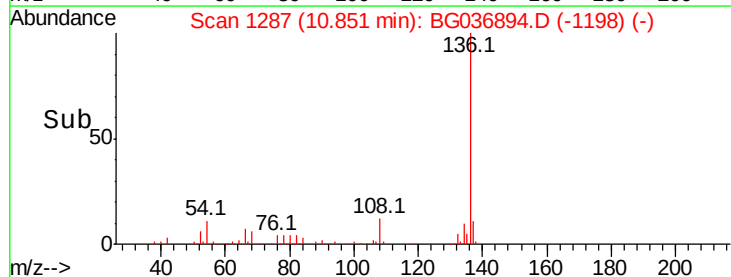
Ion 137.00 (136.70 to 137.70): BGC

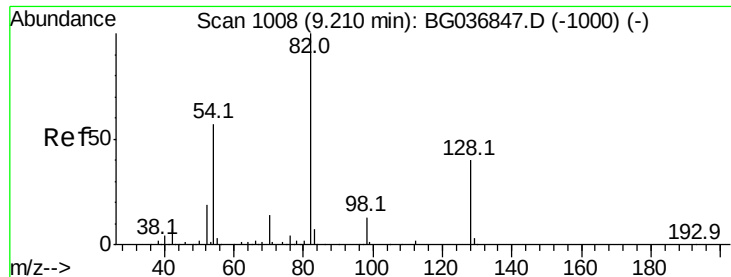
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->

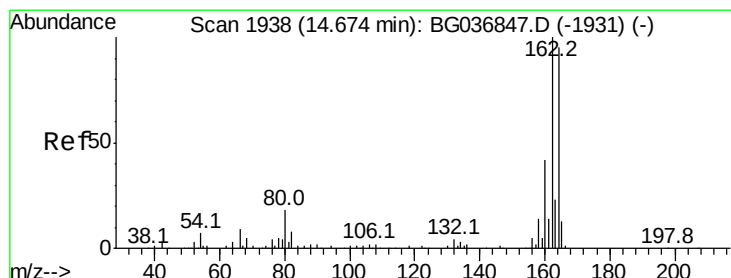
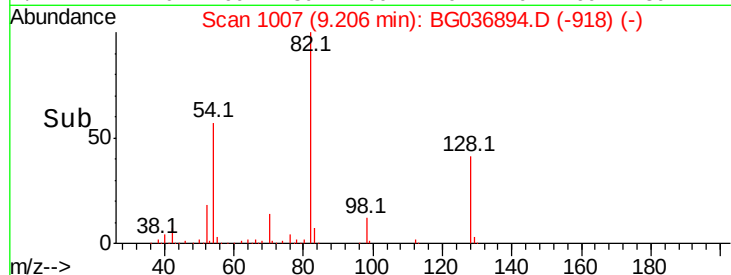
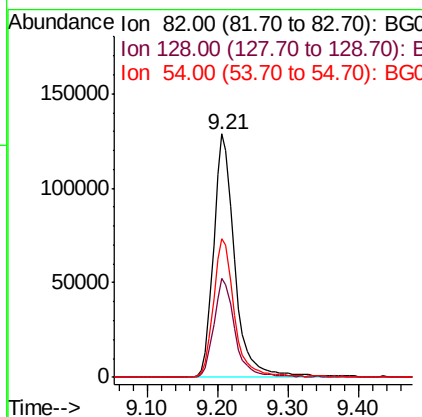
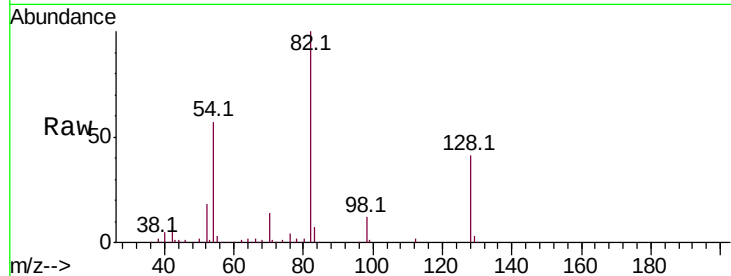




#23
 Nitrobenzene-d5
 Concen: 86.698 ng
 RT: 9.21 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BG036894.D
 Acq: 22 Sep 2018 14:53

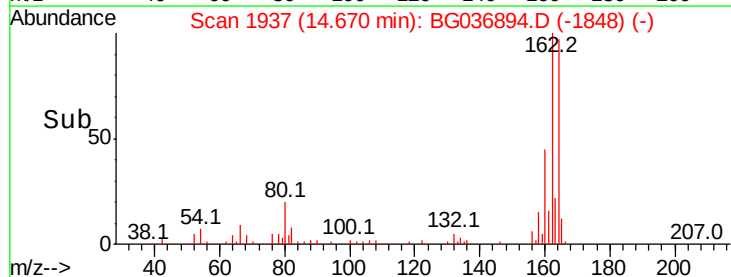
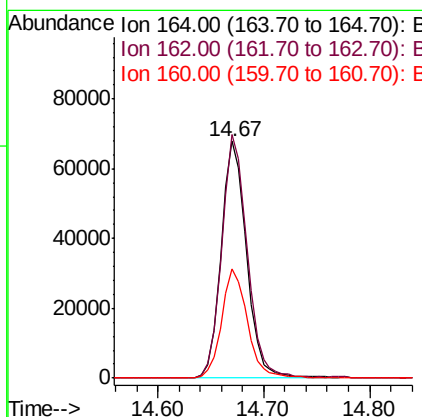
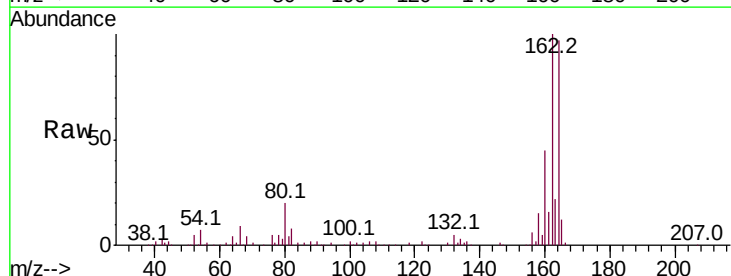
Instrument :
 BNA_G
 ClientSampleId :
 SA-01-091918

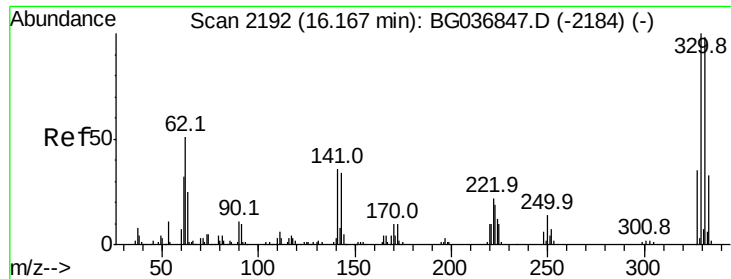
Tot Ion	82	Resp	269122
Ion Ratio	Lower	Upper	
82	100		
128	40.9	33.3	49.9
54	56.8	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: BG036894.D
 Acq: 22 Sep 2018 14:53

Tgt Ion	164	Resp	113507
Ion Ratio	Lower	Upper	
164	100		
162	102.9	80.7	121.1
160	46.0	35.3	52.9





#41

2,4,6-Tribromophenol

Concen: 131.536 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BG036894.D

Acq: 22 Sep 2018 14:53

Instrument :

BNA_G

ClientSampled :

SA-01-091918

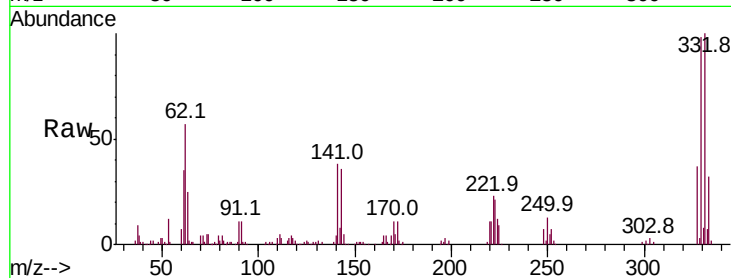
Tot Ion:330 Resp: 178632

Ion Ratio Lower Upper

330 100

332 100.3 75.4 113.2

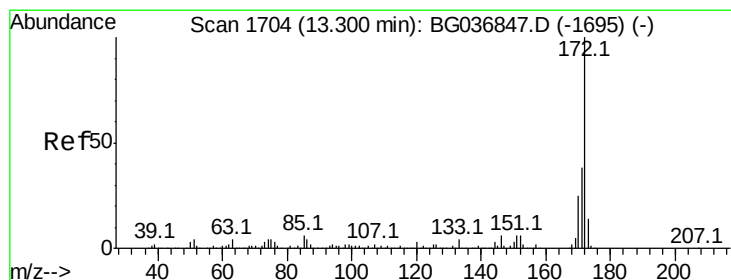
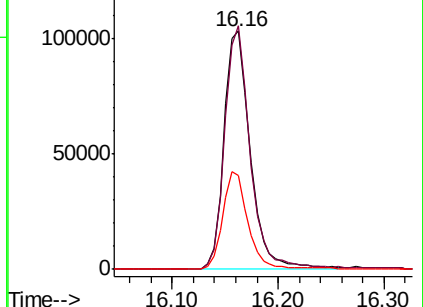
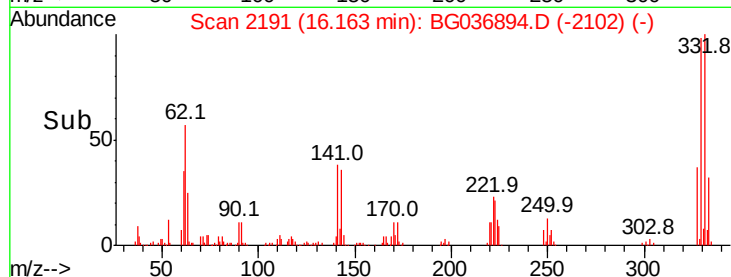
141 39.7 30.7 46.1



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: 80.391 ng

RT: 13.30 min Scan# 1703

Delta R.T. -0.00 min

Lab File: BG036894.D

Acq: 22 Sep 2018 14:53

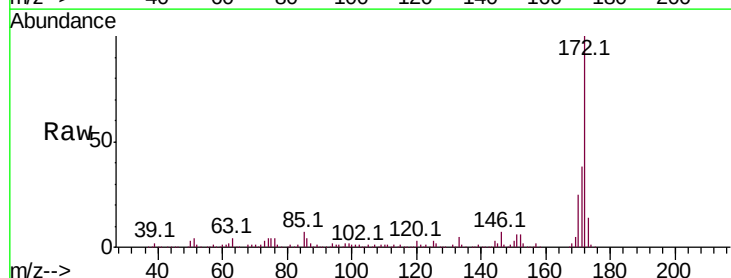
Tgt Ion:172 Resp: 612665

Ion Ratio Lower Upper

172 100

171 37.7 31.3 46.9

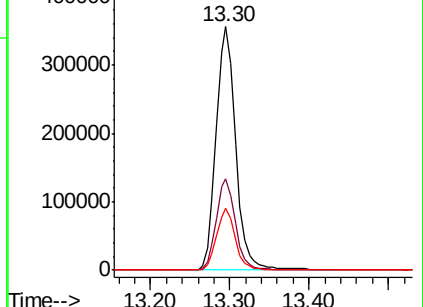
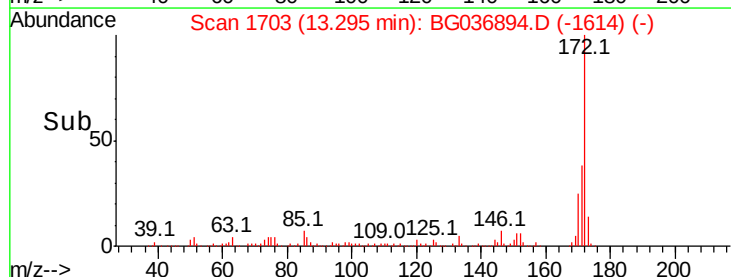
170 25.2 21.0 31.6

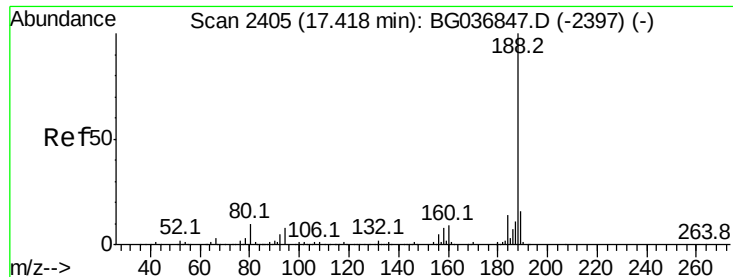


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

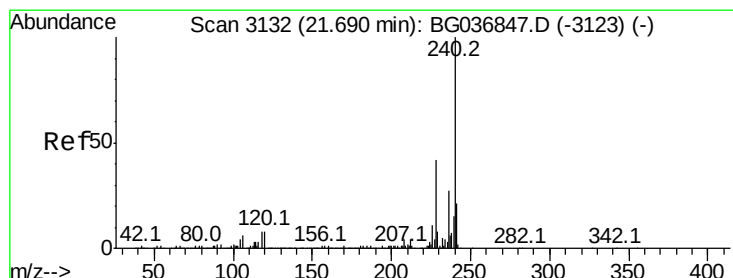
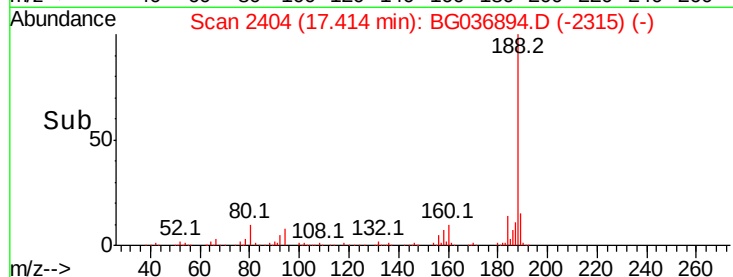
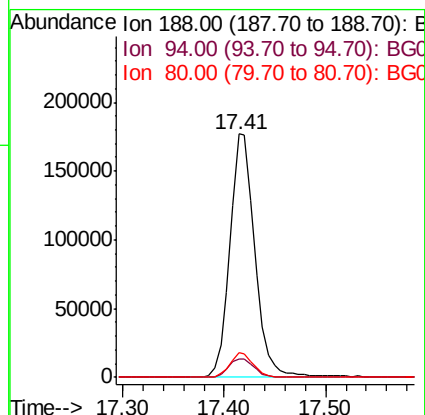
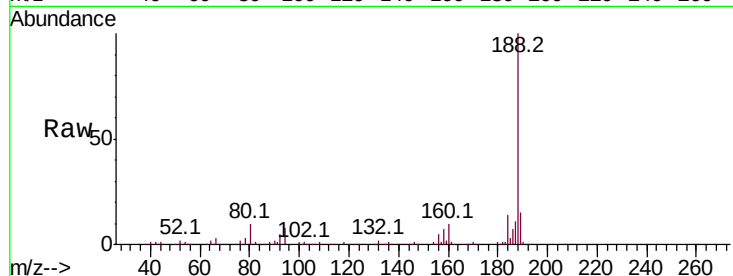




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.00 min
Lab File: BG036894.D
Acq: 22 Sep 2018 14:53

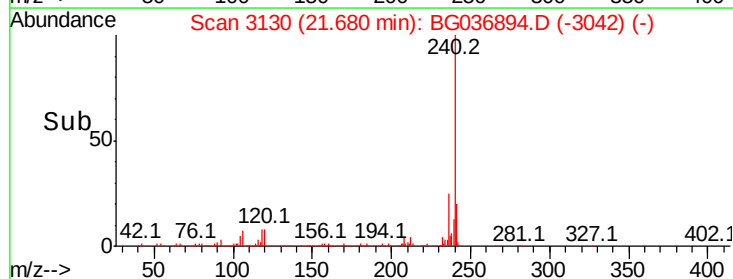
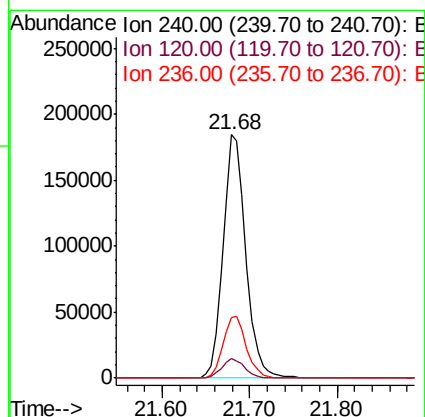
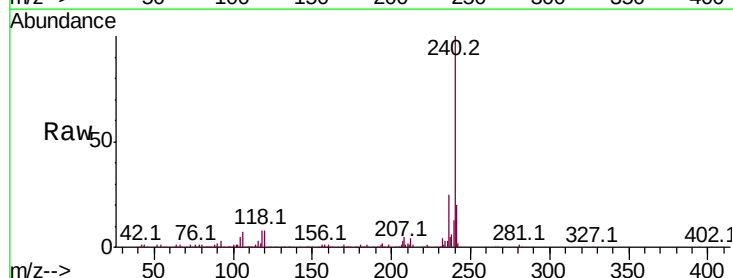
Instrument :
BNA_G
ClientSampleId :
SA-01-091918

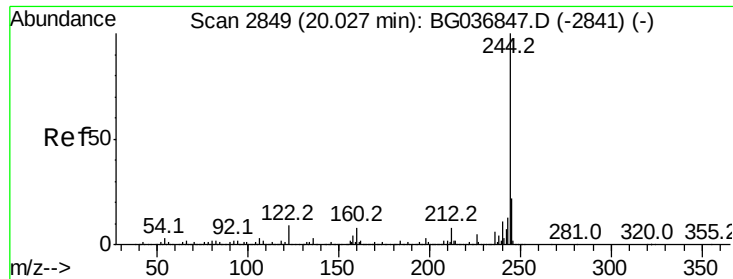
Tot Ion:188 Resp: 302539
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 10.0 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036894.D
Acq: 22 Sep 2018 14:53

Tgt Ion:240 Resp: 329531
Ion Ratio Lower Upper
240 100
120 8.1 6.9 10.3
236 24.9 21.2 31.8





#78

Terphenyl-d14

Concen: 97.337 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BG036894.D

Acq: 22 Sep 2018 14:53

Instrument :

BNA_G

ClientSampleId :

SA-01-091918

Tot Ion:244 Resp: 1219838

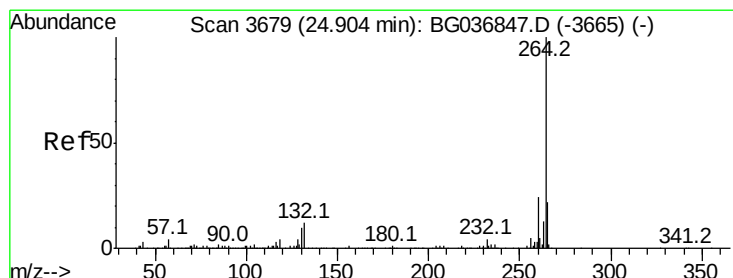
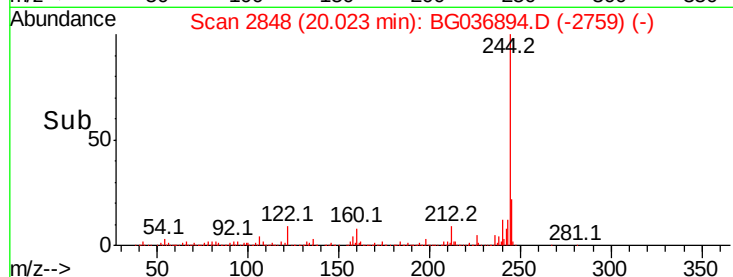
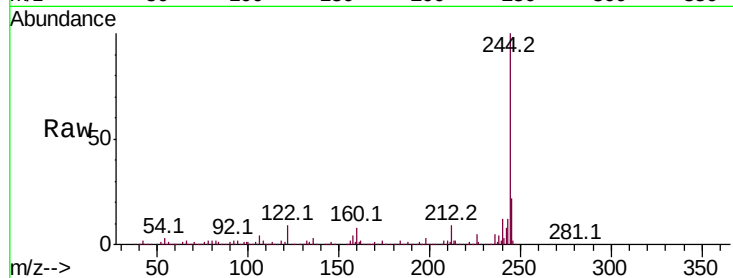
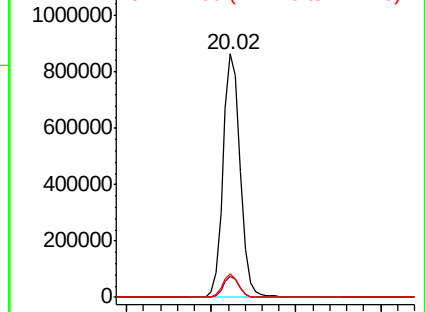
Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	9.4	7.1	10.7

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: BG036894.D

Acq: 22 Sep 2018 14:53

Tgt Ion:264 Resp: 330690

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	22.7	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

