

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
 Data File : BG036893.D
 Acq On : 22 Sep 2018 14:14
 Operator : JU/SJ
 Sample : J5019-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

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

Quant Time: Sep 24 04:20:18 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

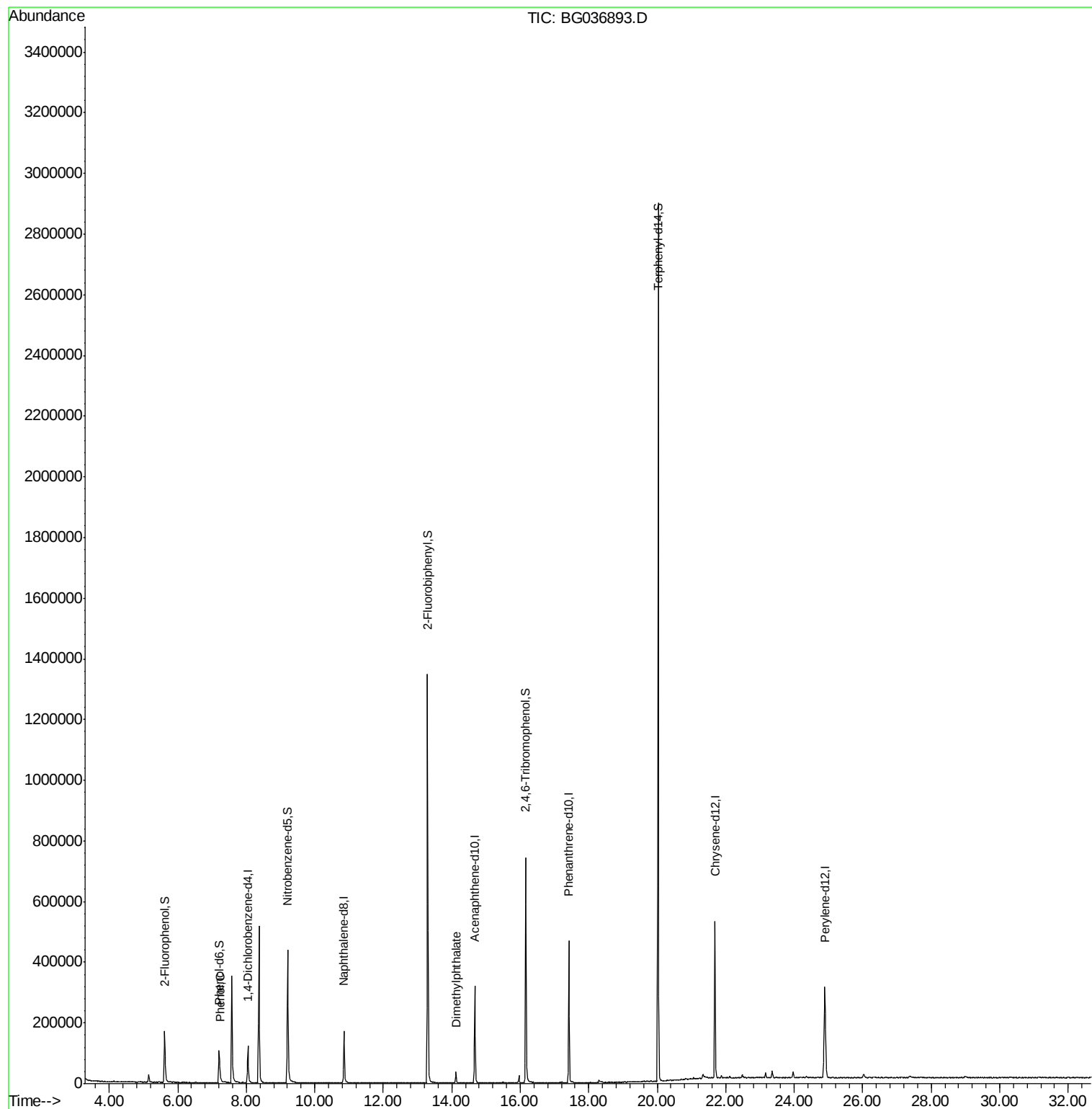
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	39921	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	170216	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	118122	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	311731	20.00	ng	0.00
75) Chrysene-d12	21.68	240	331360	20.00	ng	0.00
86) Perylene-d12	24.89	264	328378	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	91013	43.72	ng	0.00
7) Phenol-d6	7.21	99	81021	25.16	ng	0.00
23) Nitrobenzene-d5	9.21	82	312662	98.37	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	150146	106.24	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	775119	97.73	ng	0.00
78) Terphenyl-d14	20.03	244	1391894	110.45	ng	0.00
Target Compounds						
10) Phenol	7.23	94	6967	2.096	ng	78
49) Dimethylphthalate	14.12	163	29395	3.092	ng	98

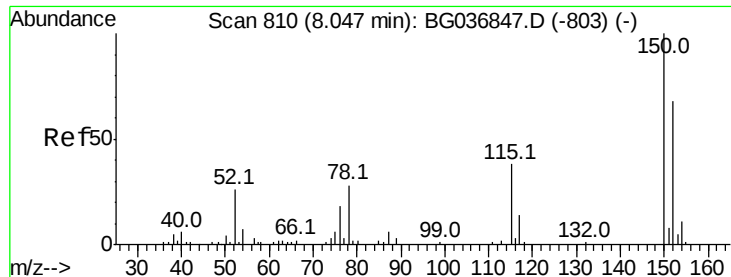
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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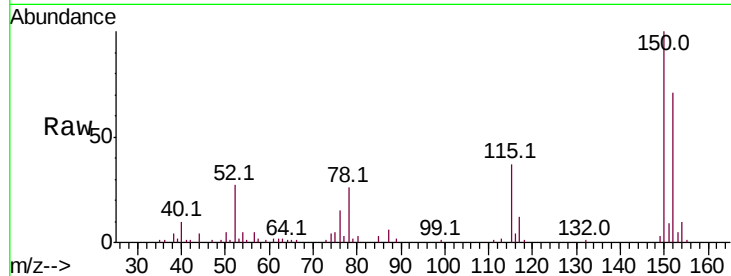


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG036893.D
Acq: 22 Sep 2018 14:14

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.4	119.5	179.3
115	52.7	44.5	66.7

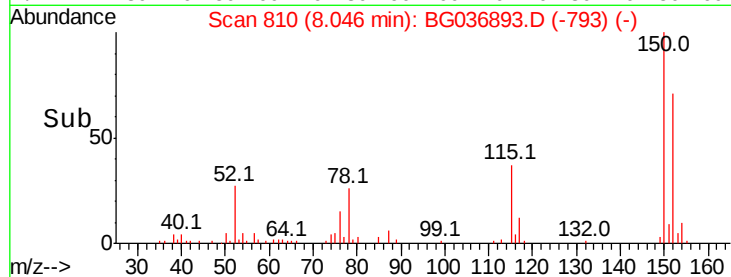
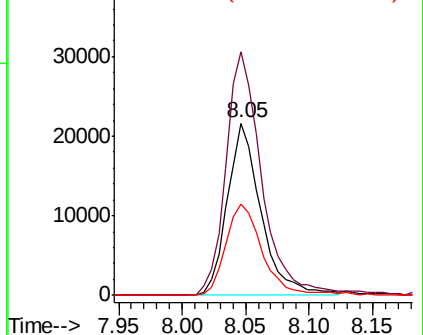


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

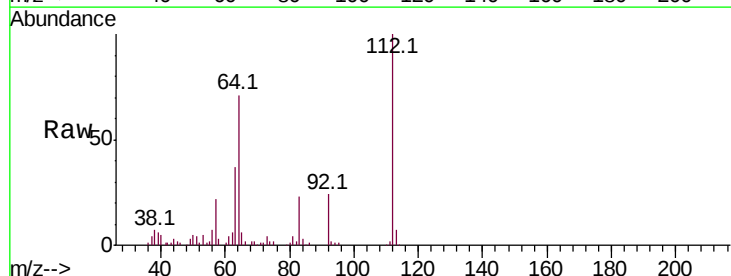
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 43.722 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036893.D
Acq: 22 Sep 2018 14:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.3	57.2	85.8
63	36.8	30.8	46.2

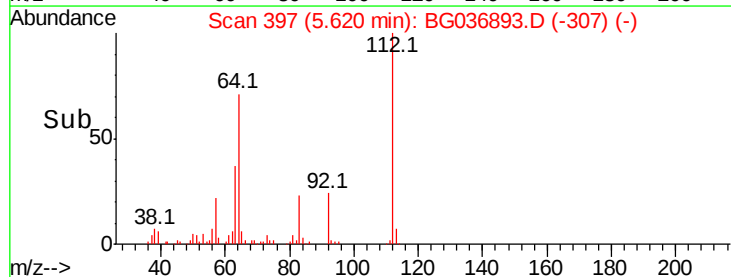
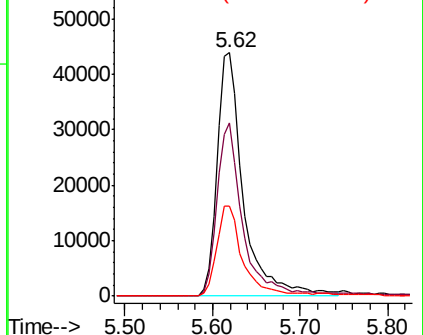


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 25.157 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036893.D

Acq: 22 Sep 2018 14:14

Instrument :

BNA_G

ClientSampleId :

091918-DBRI-E-D-S

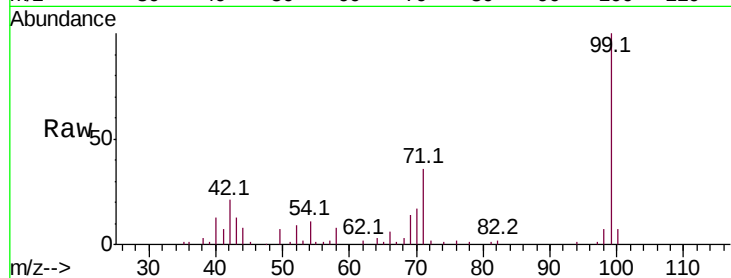
Tot Ion: 99 Resp: 81021

Ion Ratio Lower Upper

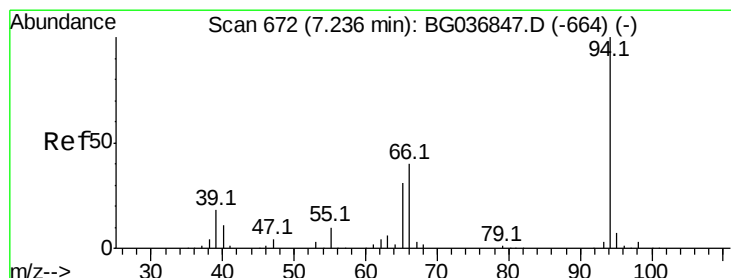
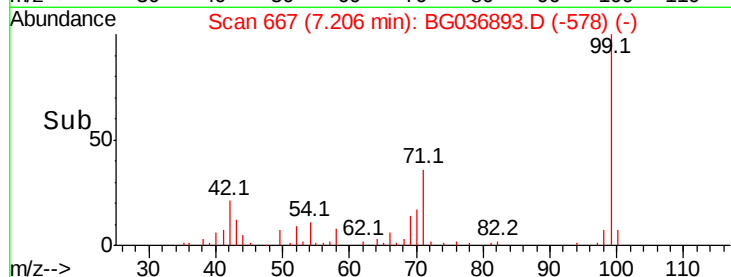
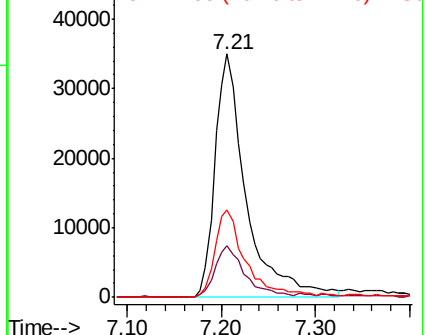
99 100

42 21.3 16.5 24.7

71 36.1 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: 2.096 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG036893.D

Acq: 22 Sep 2018 14:14

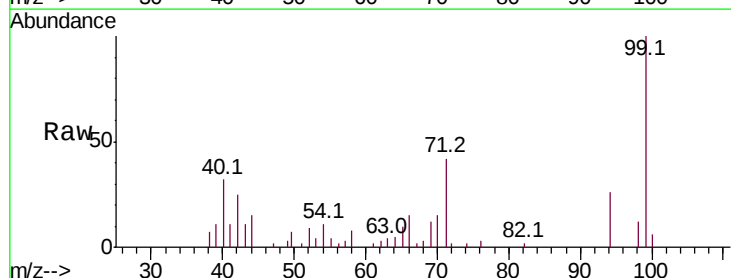
Tgt Ion: 94 Resp: 6967

Ion Ratio Lower Upper

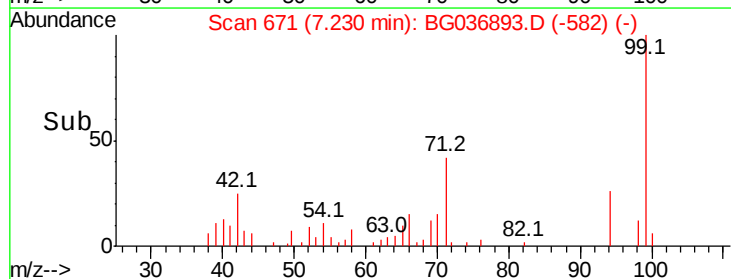
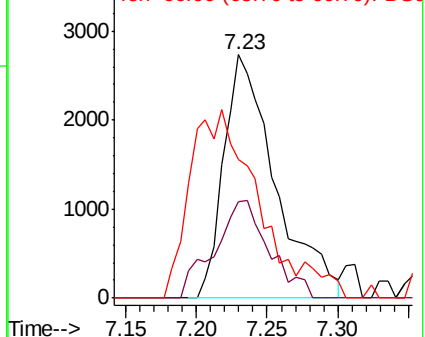
94 100

65 39.4 11.5 51.5

66 56.9 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

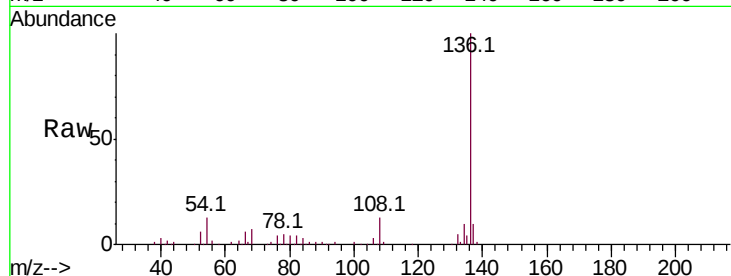




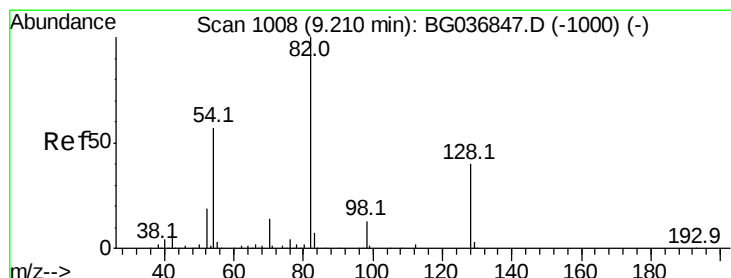
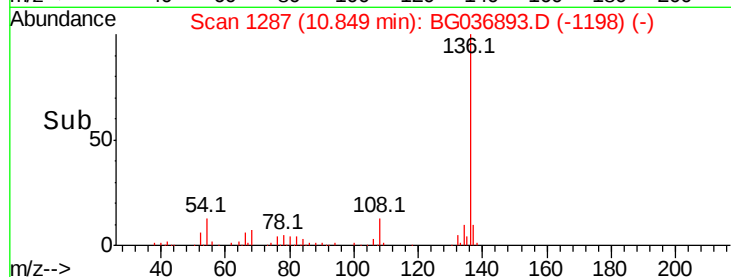
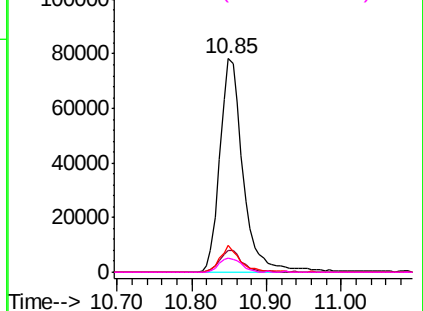
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036893.D
Acq: 22 Sep 2018 14:14

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

Tot Ion:	136	Resp:	170216
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	12.6	9.2	13.8
68	6.9	5.8	8.6

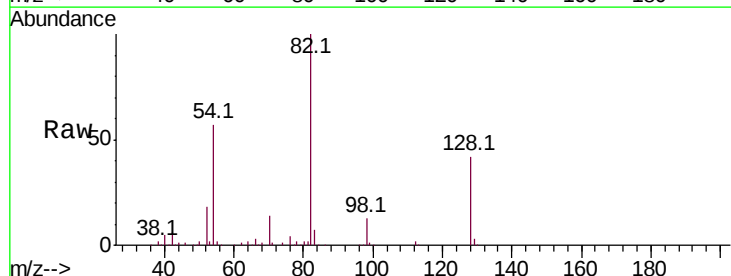


Abundance Ion 136.00 (135.70 to 136.70): E
120000 Ion 137.00 (136.70 to 137.70): E
100000 Ion 54.00 (53.70 to 54.70): BGC
80000 Ion 68.00 (67.70 to 68.70): BGC
60000
40000
20000
0

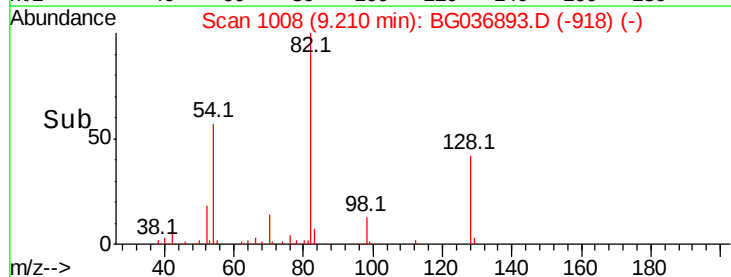
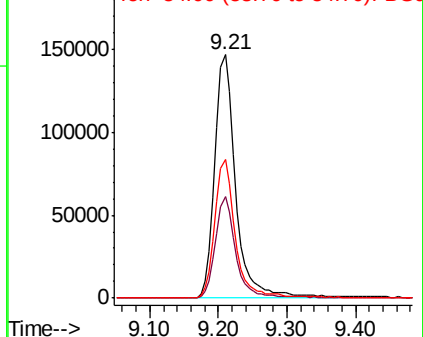


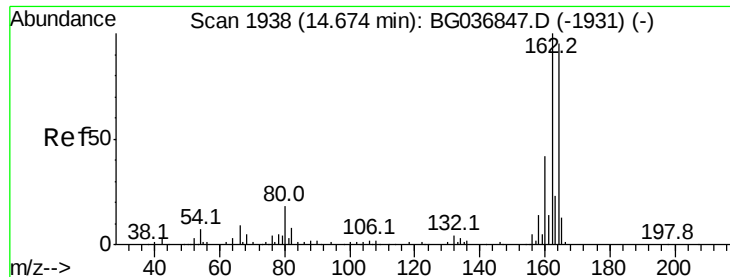
#23
Nitrobenzene-d5
Concen: 98.365 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BG036893.D
Acq: 22 Sep 2018 14:14

Tgt Ion:	82	Resp:	312662
Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.3	49.9
54	56.8	45.1	67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
200000 Ion 128.00 (127.70 to 128.70): E
150000 Ion 54.00 (53.70 to 54.70): BGC
100000
50000
0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG036893.D

Acq: 22 Sep 2018 14:14

Instrument :

BNA_G

ClientSampleId :

091918-DBRI-E-D-S

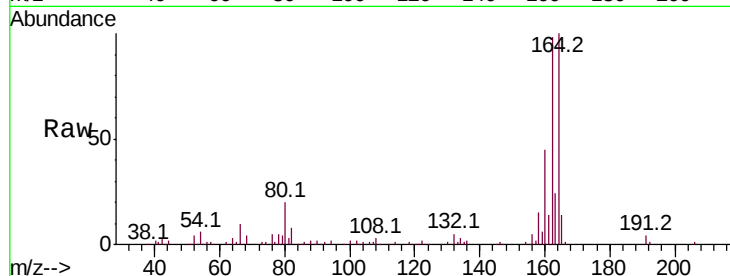
Tot Ion:164 Resp: 118122

Ion Ratio Lower Upper

164 100

162 98.1 80.7 121.1

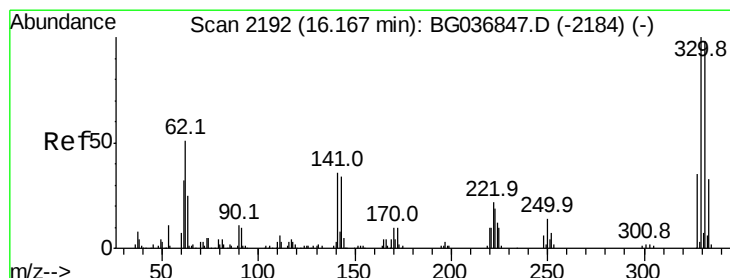
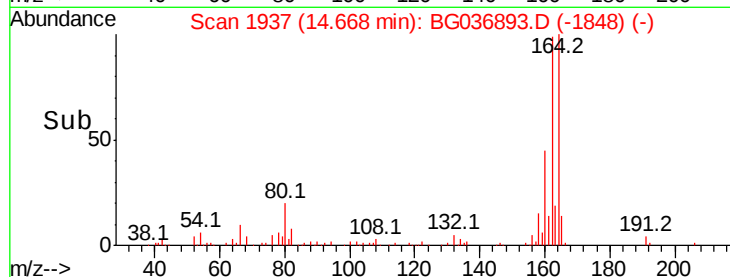
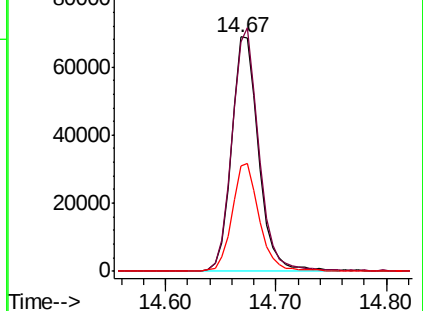
160 45.2 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 106.241 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036893.D

Acq: 22 Sep 2018 14:14

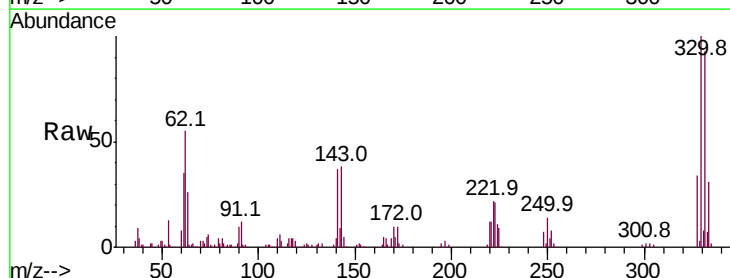
Tgt Ion:330 Resp: 150146

Ion Ratio Lower Upper

330 100

332 95.2 75.4 113.2

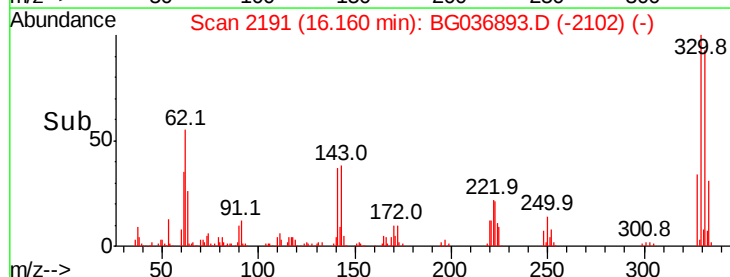
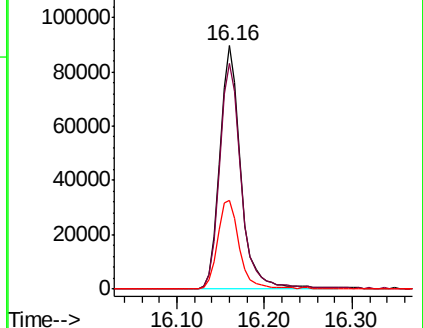
141 37.7 30.7 46.1



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

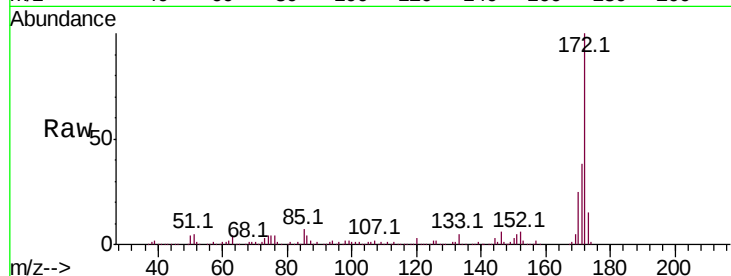




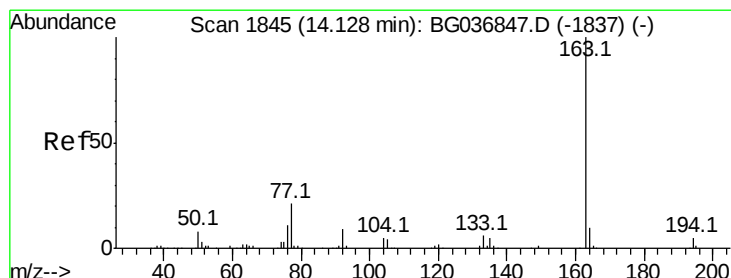
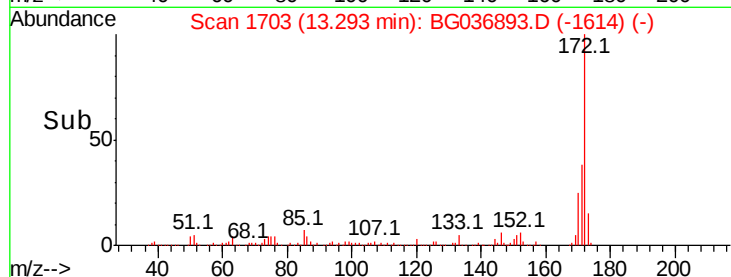
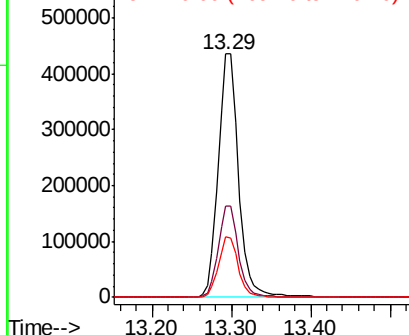
#44
2-Fluorobiphenyl
Concen: 97.734 ng
RT: 13.29 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG036893.D
Acq: 22 Sep 2018 14:14

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

Tot Ion:172 Resp: 775119
Ion Ratio Lower Upper
172 100
171 37.7 31.3 46.9
170 24.9 21.0 31.6

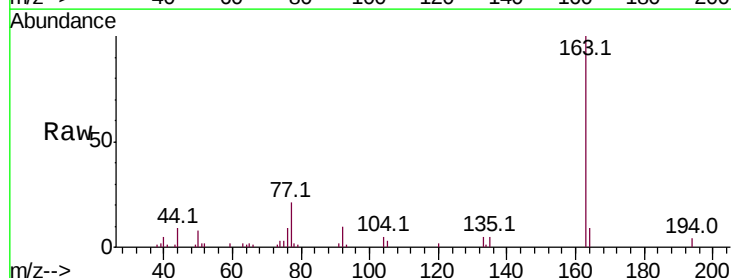


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

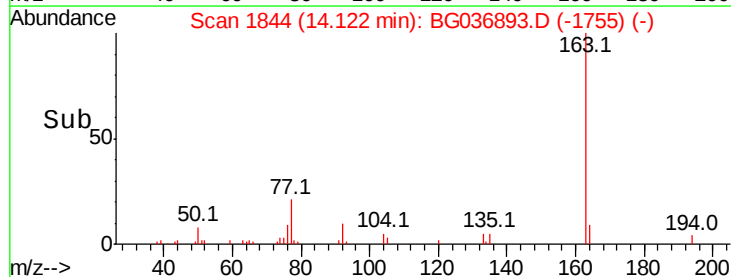
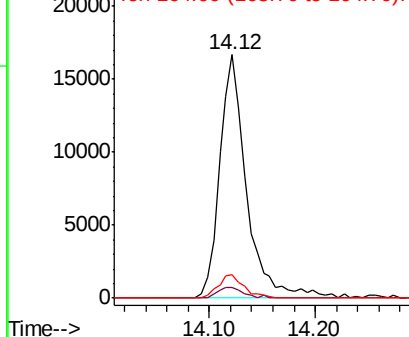


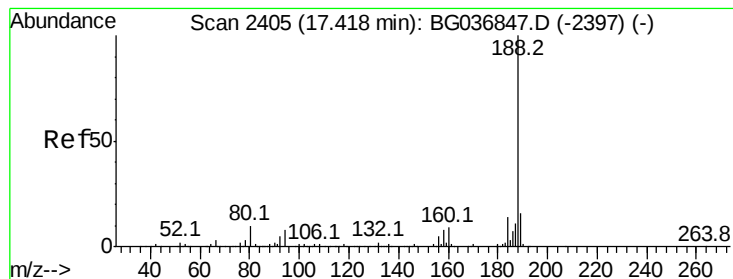
#49
Dimethylphthalate
Concen: 3.092 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BG036893.D
Acq: 22 Sep 2018 14:14

Tgt Ion:163 Resp: 29395
Ion Ratio Lower Upper
163 100
194 4.5 4.0 6.0
164 9.4 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: 17.42 min Scan# 2405

Delta R.T. -0.00 min

Lab File: BG036893.D

Acq: 22 Sep 2018 14:14

Instrument :

BNA_G

ClientSampleId :

091918-DBRI-E-D-S

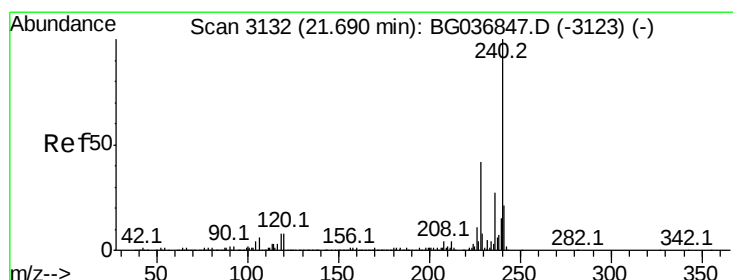
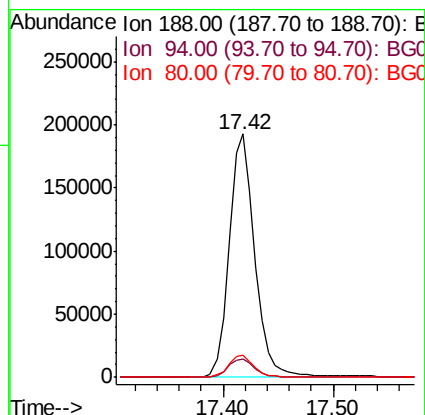
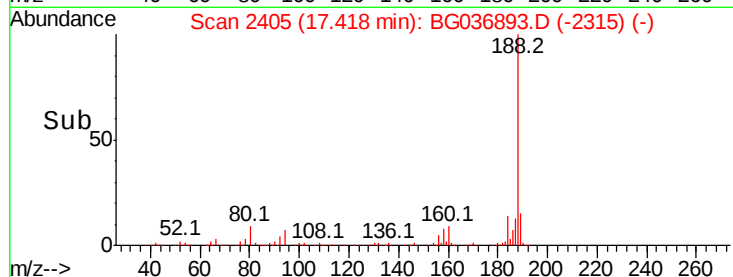
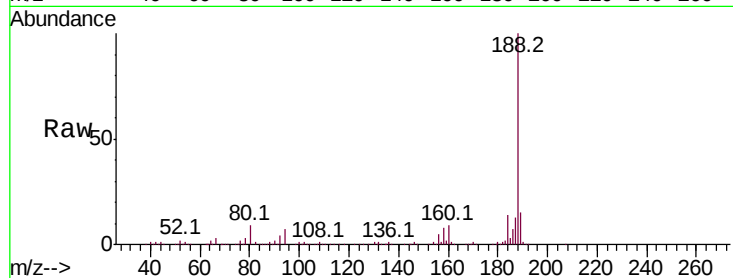
Tot Ion:188 Resp: 311731

Ion Ratio Lower Upper

188 100

94 7.5 6.7 10.1

80 8.9 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: BG036893.D

Acq: 22 Sep 2018 14:14

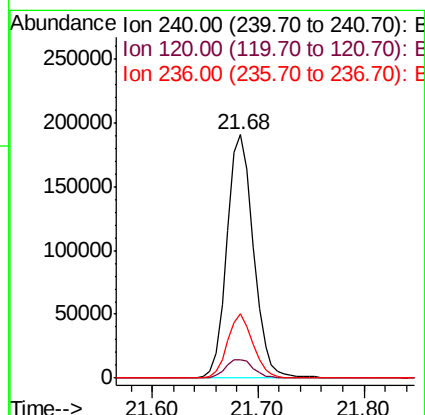
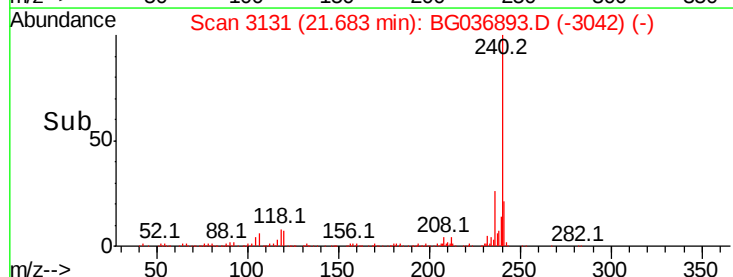
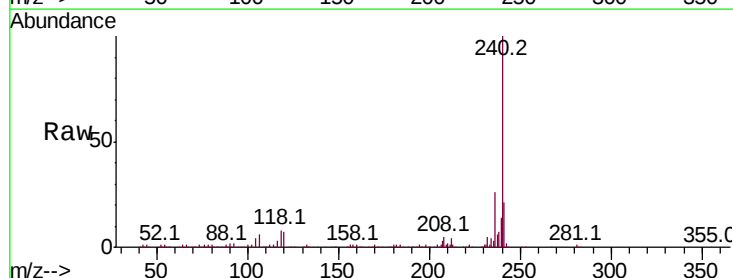
Tgt Ion:240 Resp: 331360

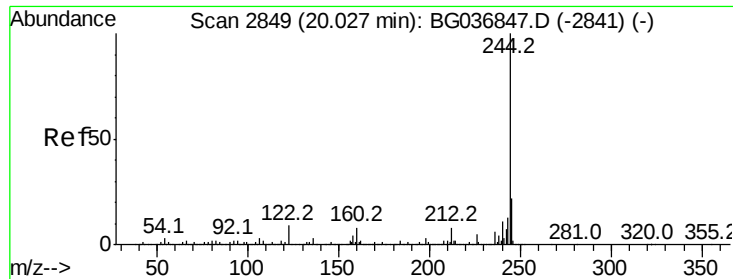
Ion Ratio Lower Upper

240 100

120 7.4 6.9 10.3

236 26.2 21.2 31.8



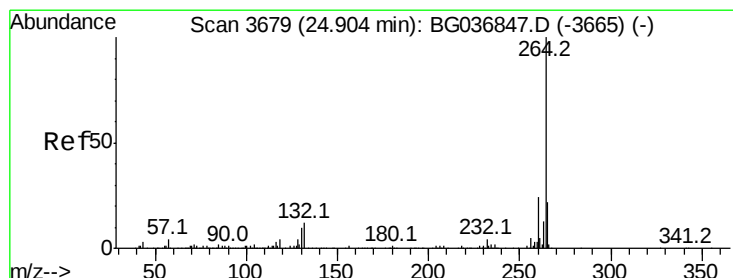
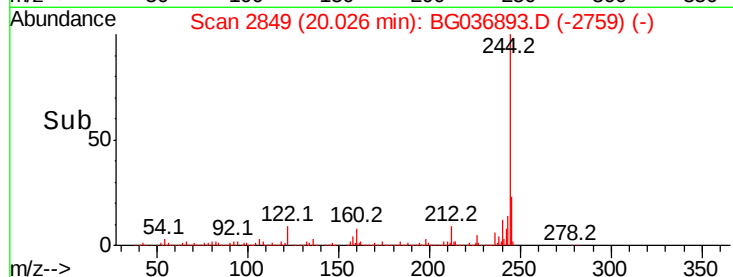
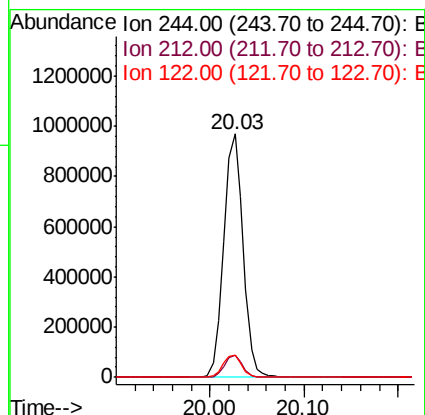
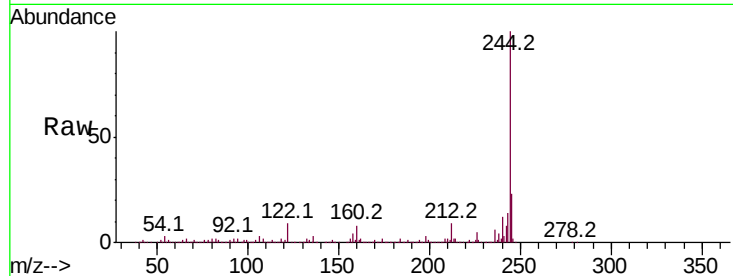


#78
 Terphenyl-d14
 Concen: 110.453 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. -0.00 min
 Lab File: BG036893.D
 Acq: 22 Sep 2018 14:14

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

Tot Ion:244 Resp: 1391894

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	9.1	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: BG036893.D
 Acq: 22 Sep 2018 14:14

Tgt Ion:264 Resp: 328378

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	20.8	17.4	26.0

