

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
 Data File : BG036758.D
 Acq On : 17 Sep 2018 17:23
 Operator : JU/SJ
 Sample : J4773-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-091418-A

Quant Time: Sep 17 18:32:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

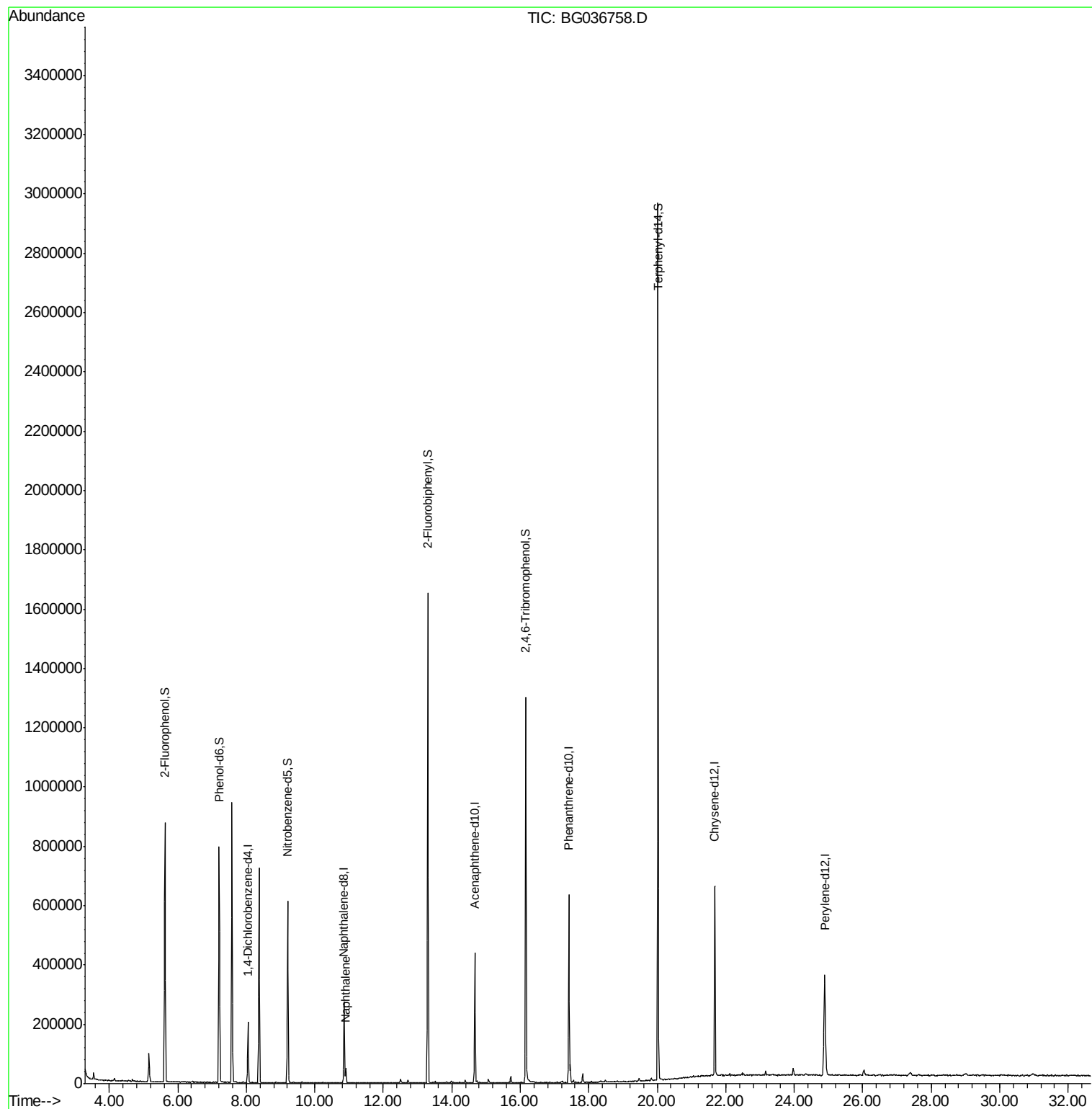
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	57644	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	231120	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	147913	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	390898	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	401790	20.00	ng	-0.02
86) Perylene-d12	24.89	264	390306	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	367461	101.12	ng	0.00
7) Phenol-d6	7.21	99	453455	87.16	ng	-0.01
23) Nitrobenzene-d5	9.21	82	365108	85.71	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	240677	136.37	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	829950	80.12	ng	-0.01
78) Terphenyl-d14	20.03	244	1435814	83.53	ng	0.00
Target Compounds						
31) Naphthalene	10.90	128	42119	3.646	ng	Qvalue 99

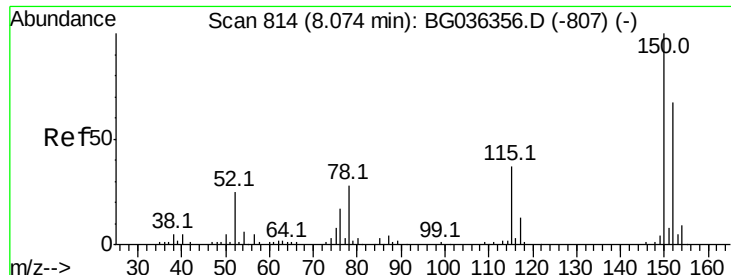
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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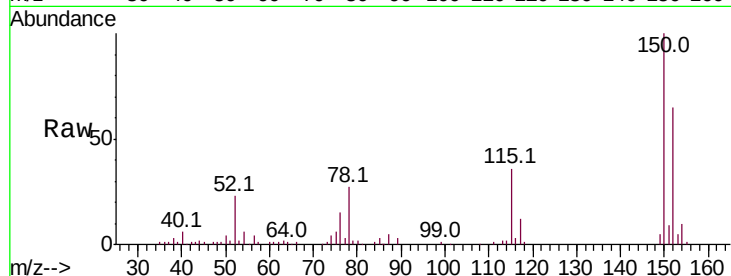


#1

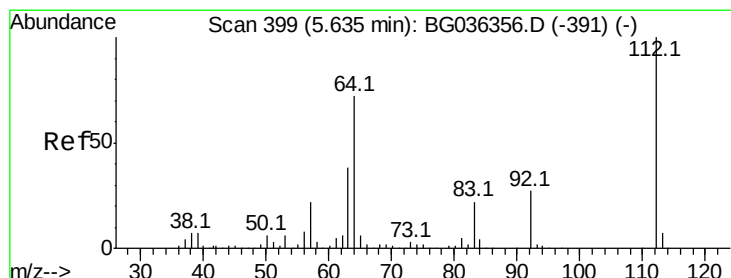
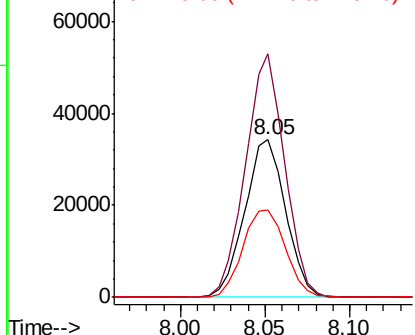
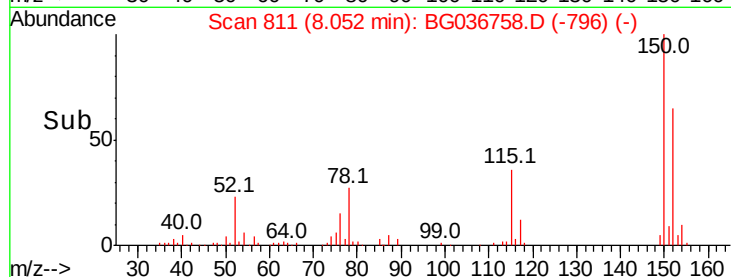
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036758.D
 Acq: 17 Sep 2018 17:23

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-091418-A

Tot Ion:152 Resp: 57644
 Ion Ratio Lower Upper
 152 100
 150 154.7 119.5 179.3
 115 55.7 44.5 66.7



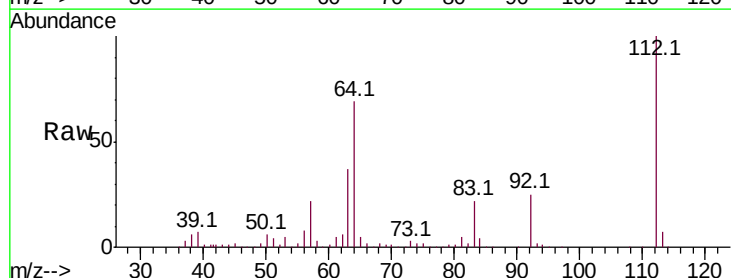
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



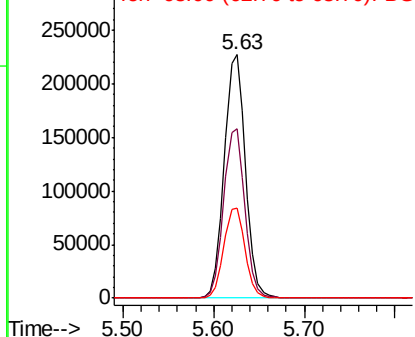
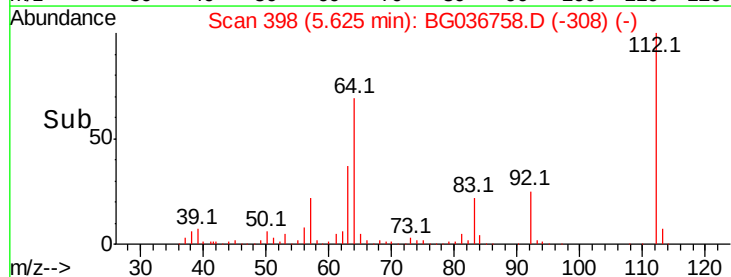
#5

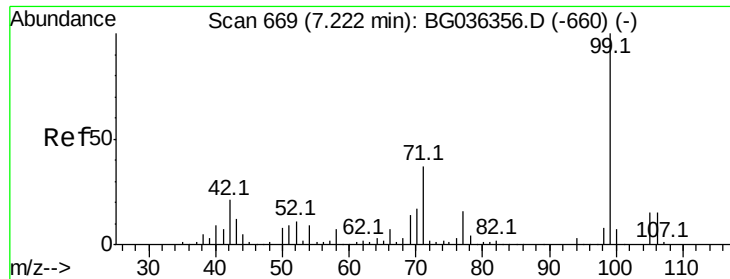
2-Fluorophenol
 Concen: 101.121 ng
 RT: 5.63 min Scan# 398
 Delta R.T. 0.00 min
 Lab File: BG036758.D
 Acq: 17 Sep 2018 17:23

Tgt Ion:112 Resp: 367461
 Ion Ratio Lower Upper
 112 100
 64 69.4 57.2 85.8
 63 37.0 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: 87.156 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036758.D

Acq: 17 Sep 2018 17:23

Instrument :

BNA_G

ClientSampleId :

CL-01-091418-A

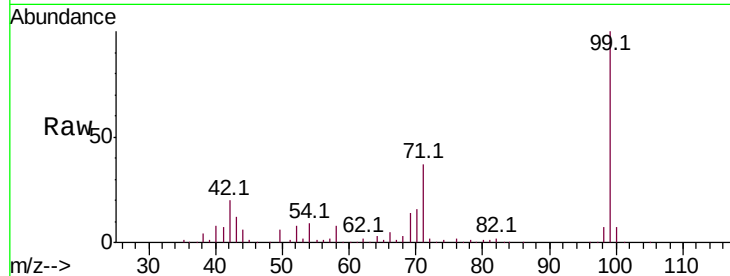
Tot Ion: 99 Resp: 453455

Ion Ratio Lower Upper

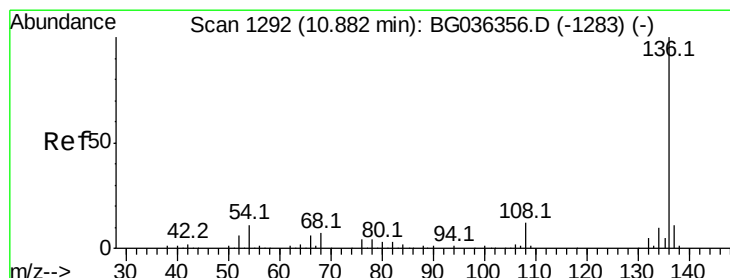
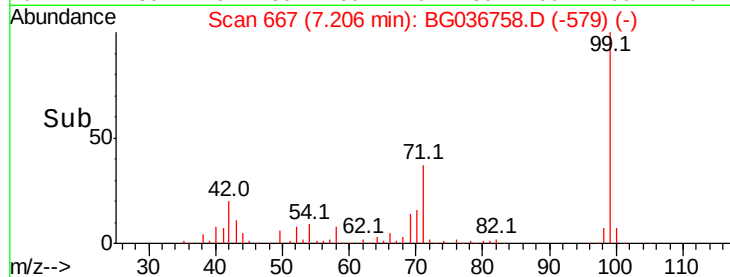
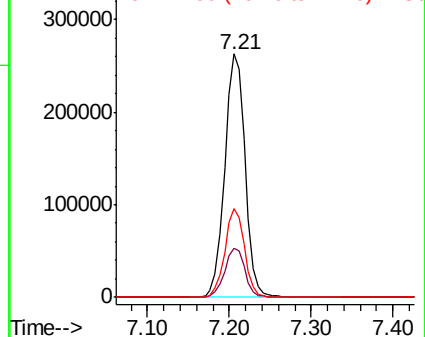
99 100

42 20.1 16.5 24.7

71 36.6 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BG036758.D

Acq: 17 Sep 2018 17:23

Tgt Ion: 136 Resp: 231120

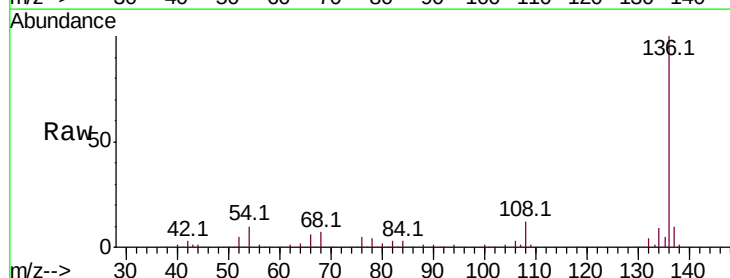
Ion Ratio Lower Upper

136 100

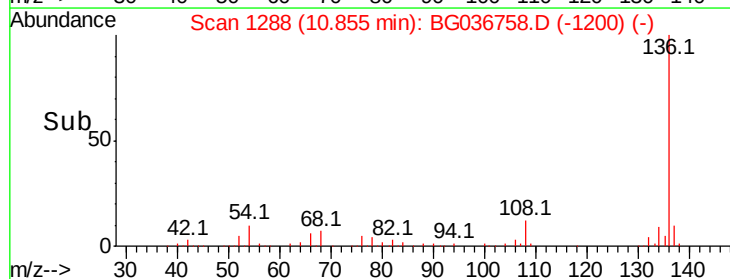
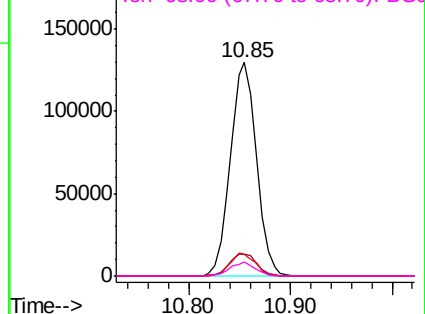
137 10.5 8.8 13.2

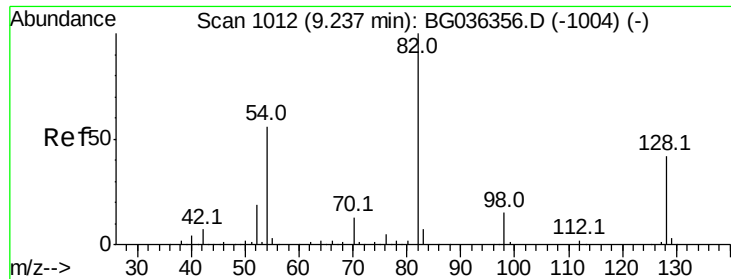
54 10.1 9.2 13.8

68 6.5 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

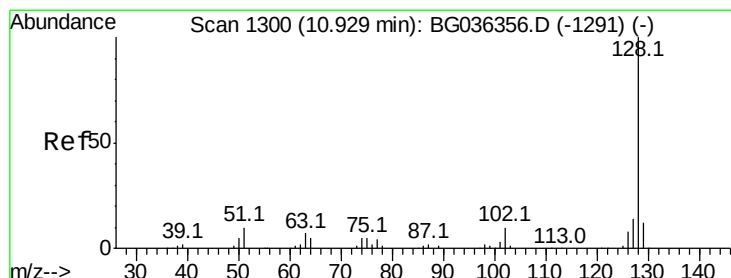
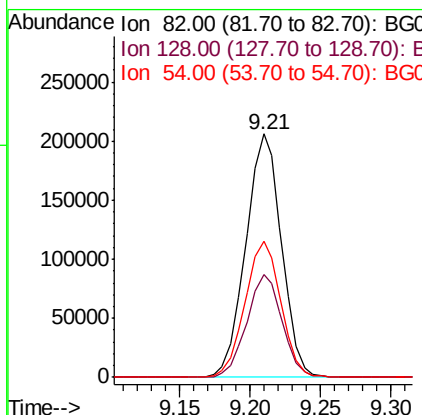
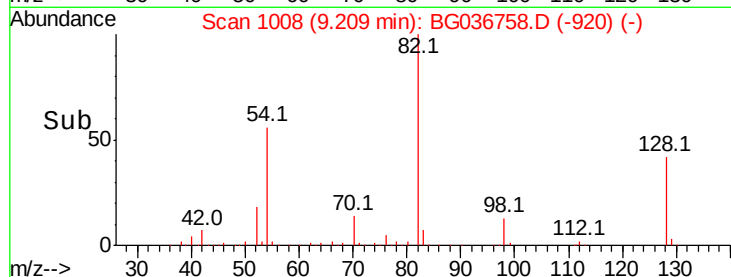
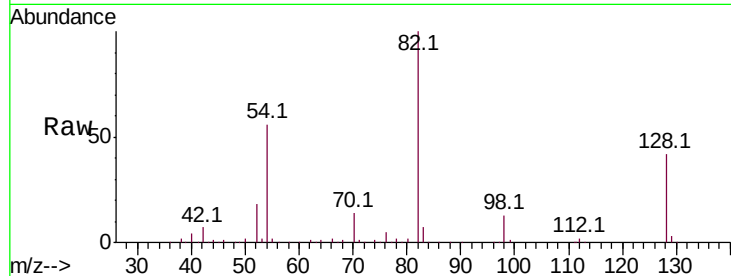




#23
Nitrobenzene-d5
Concen: 85.711 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036758.D
Acq: 17 Sep 2018 17:23

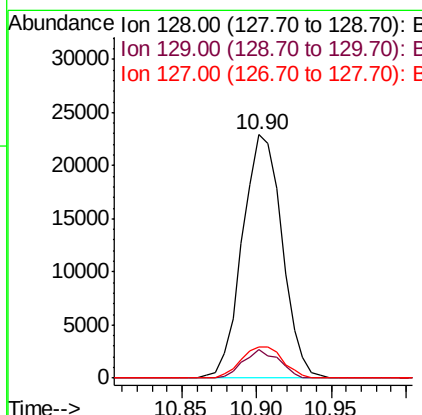
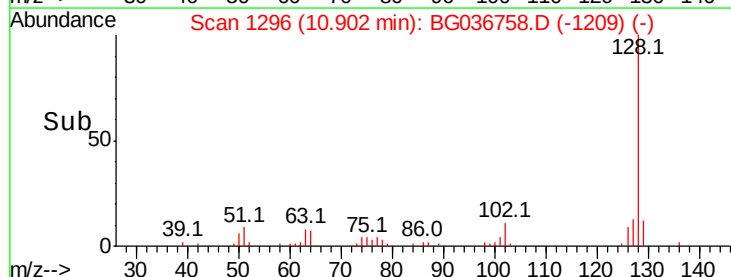
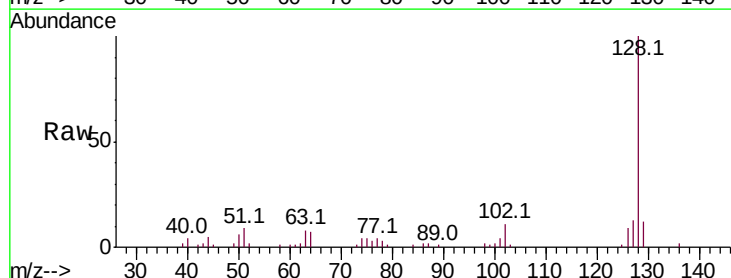
Instrument :
BNA_G
ClientSampleId :
CL-01-091418-A

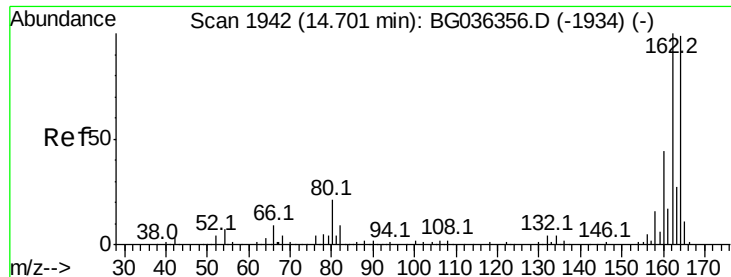
Tot Ion: 82 Resp: 365108
Ion Ratio Lower Upper
82 100
128 42.4 33.3 49.9
54 56.0 45.1 67.7



#31
Naphthalene
Concen: 3.646 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BG036758.D
Acq: 17 Sep 2018 17:23

Tgt Ion: 128 Resp: 42119
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.2
127 13.0 11.0 16.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036758.D

Acq: 17 Sep 2018 17:23

Instrument :

BNA_G

ClientSampleId :

CL-01-091418-A

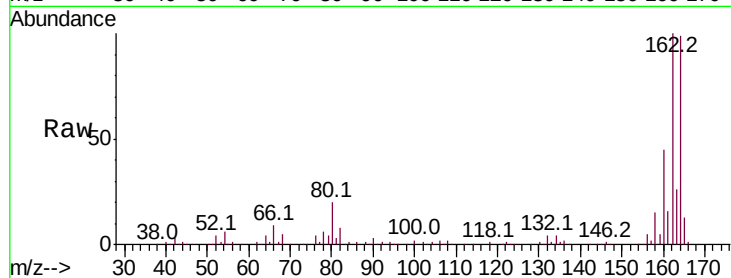
Tot Ion:164 Resp: 147913

Ion Ratio Lower Upper

164 100

162 101.3 80.7 121.1

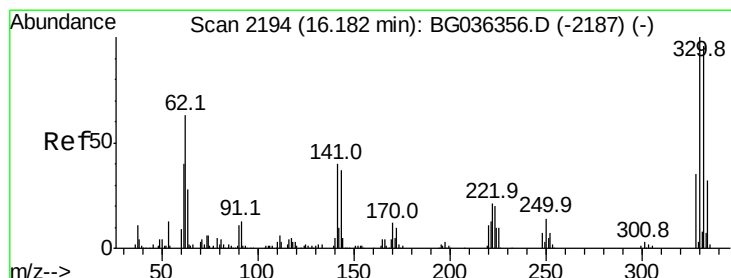
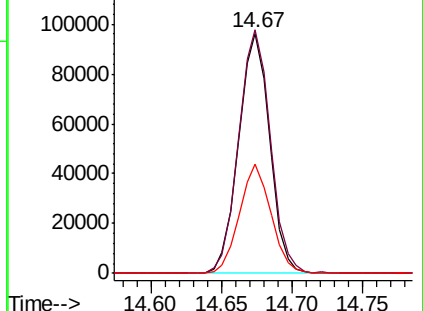
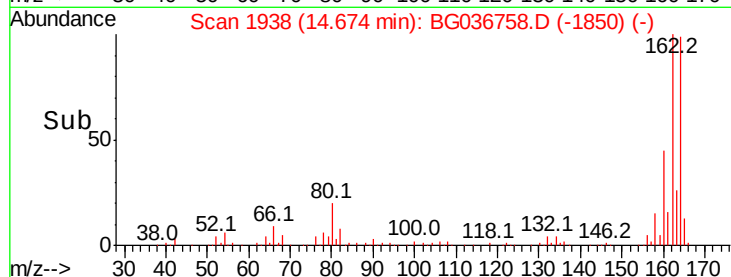
160 45.3 35.3 52.9



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: 136.366 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036758.D

Acq: 17 Sep 2018 17:23

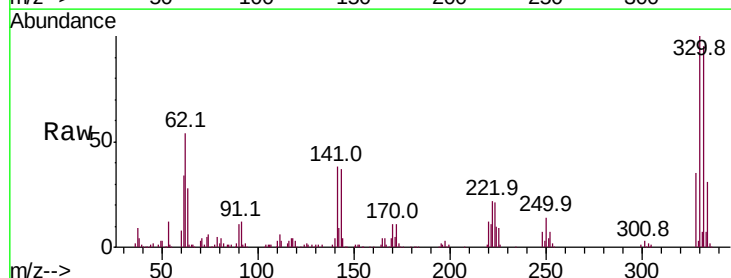
Tgt Ion:330 Resp: 240677

Ion Ratio Lower Upper

330 100

332 96.6 75.4 113.2

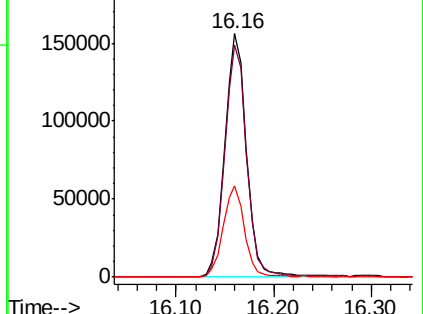
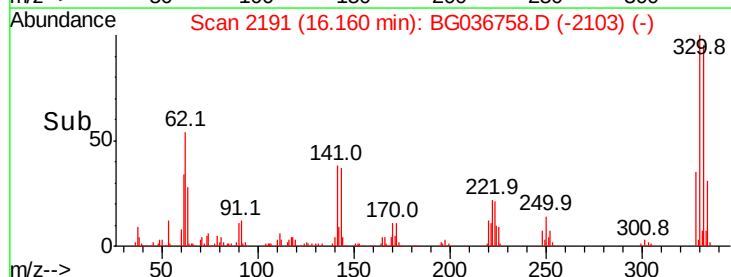
141 36.9 30.7 46.1

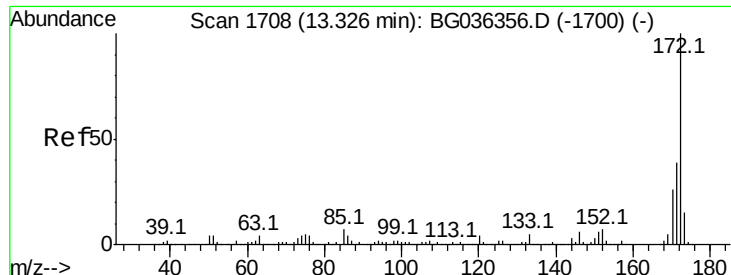


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



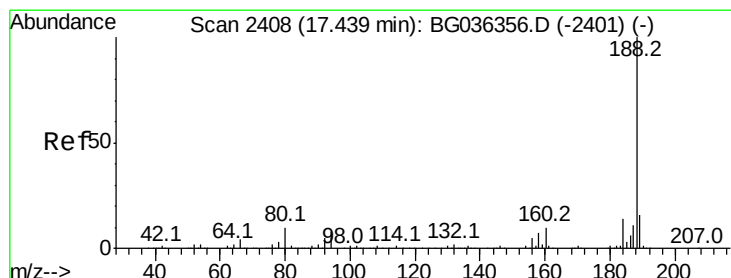
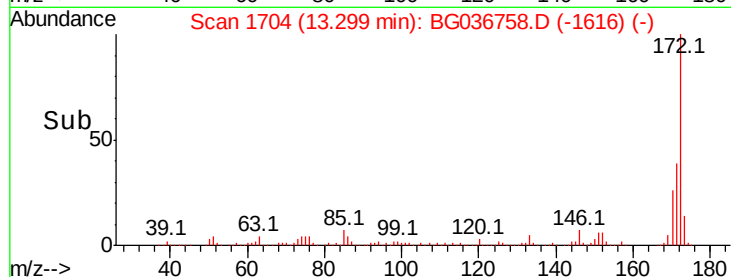
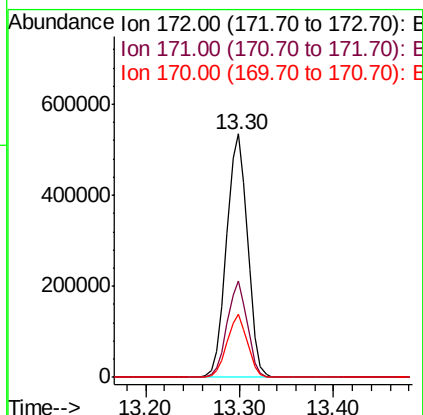
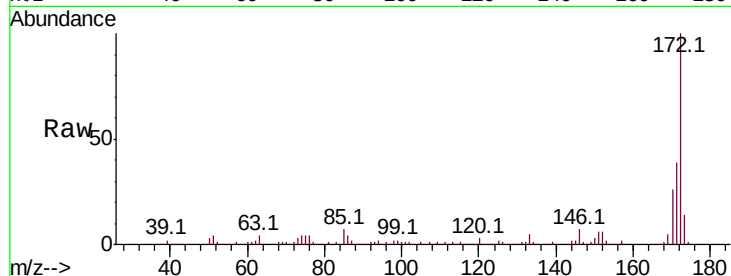


#44
 2-Fluorobiphenyl
 Concen: 80.116 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036758.D
 Acq: 17 Sep 2018 17:23

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-091418-A

Tot Ion:172 Resp: 829950

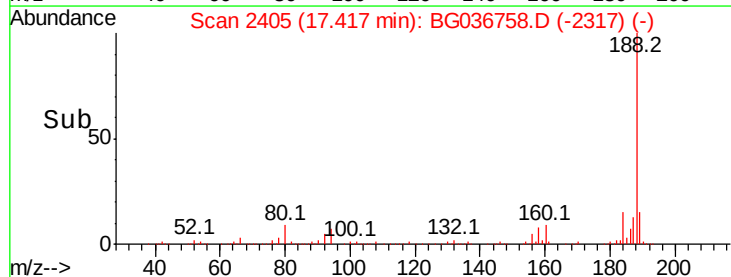
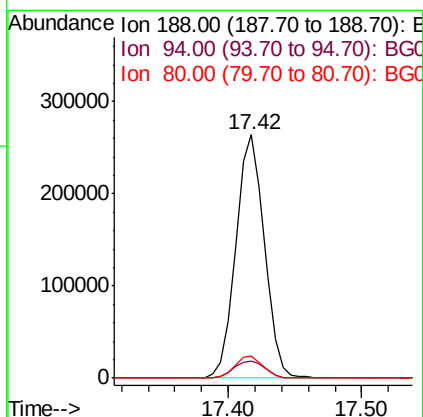
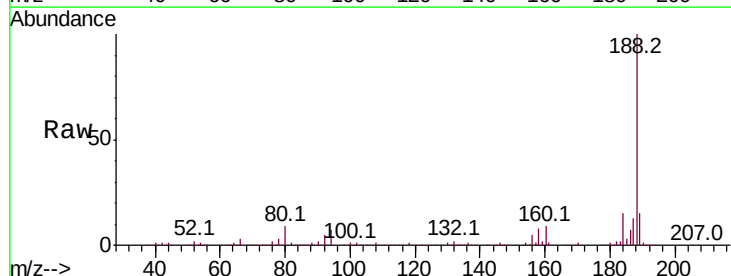
Ion	Ratio	Lower	Upper
172	100		
171	39.3	31.3	46.9
170	25.8	21.0	31.6

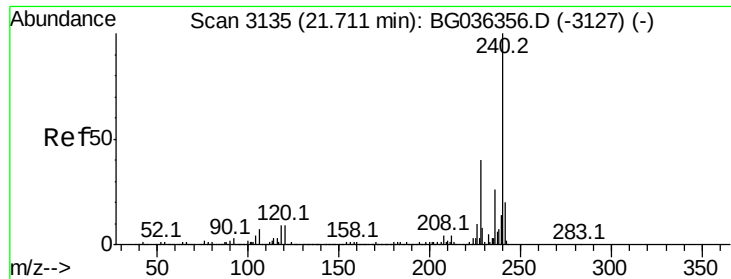


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036758.D
 Acq: 17 Sep 2018 17:23

Tgt Ion:188 Resp: 390898

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.7	10.1
80	9.2	8.1	12.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.02 min

Lab File: BG036758.D

Acq: 17 Sep 2018 17:23

Instrument :

BNA_G

ClientSampleId :

CL-01-091418-A

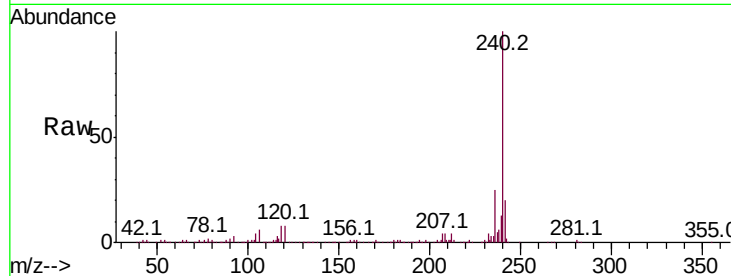
Tot Ion:240 Resp: 401790

Ion Ratio Lower Upper

240 100

120 7.9 6.9 10.3

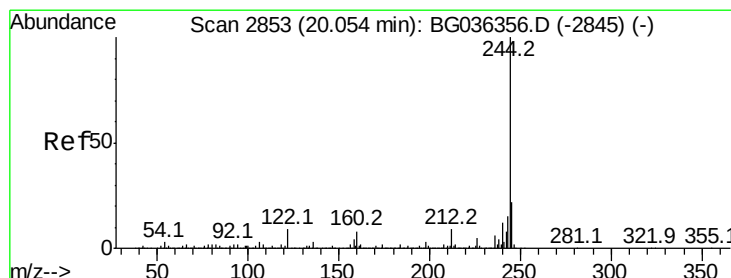
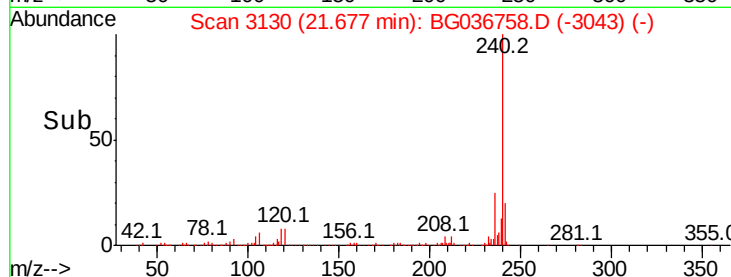
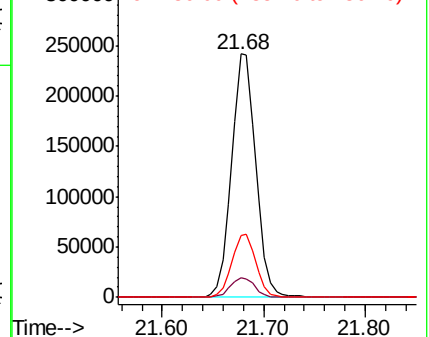
236 25.3 21.2 31.8



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: 83.526 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG036758.D

Acq: 17 Sep 2018 17:23

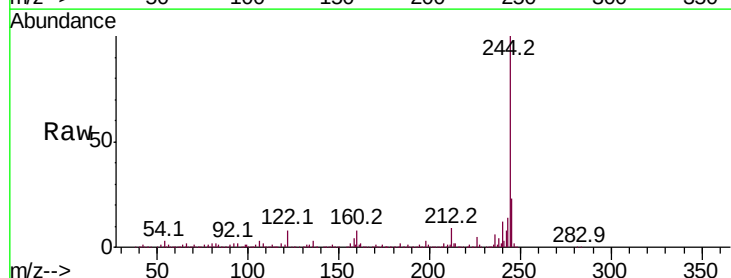
Tgt Ion:244 Resp: 1435814

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

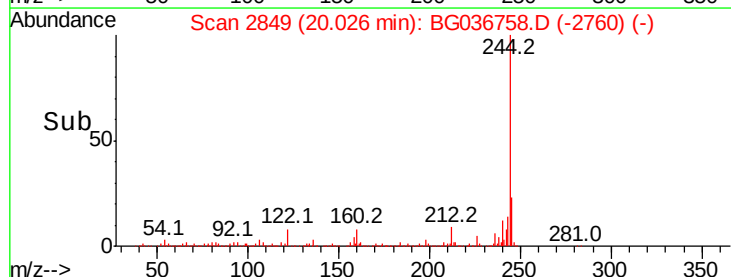
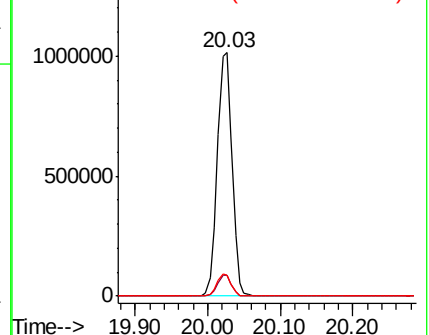
122 8.5 7.1 10.7

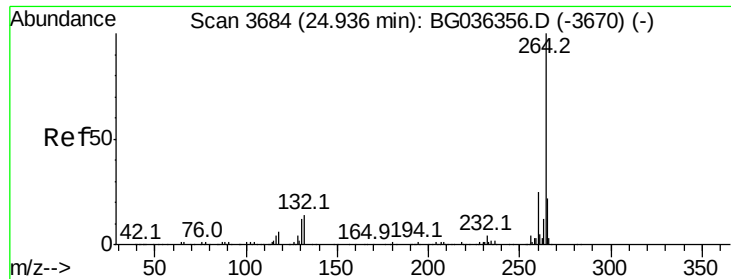


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3677
 Delta R.T. -0.01 min
 Lab File: BG036758.D
 Acq: 17 Sep 2018 17:23

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-091418-A

Tot Ion:	264	Resp:	390306
Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.6	29.4
265	21.3	17.4	26.0

