

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036790.D
 Acq On : 18 Sep 2018 17:50
 Operator : JU/SJ
 Sample : J4940-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

Quant Time: Sep 19 07:00:53 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	61164	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	235419	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	149500	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	385394	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	405236	20.00	ng	-0.01
86) Perylene-d12	24.89	264	393162	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	407377	105.65	ng	0.00
7) Phenol-d6	7.21	99	516796	93.61	ng	0.00
23) Nitrobenzene-d5	9.21	82	376737	86.83	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	233872	131.10	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	839629	80.19	ng	-0.01
78) Terphenyl-d14	20.02	244	1464162	84.45	ng	0.00

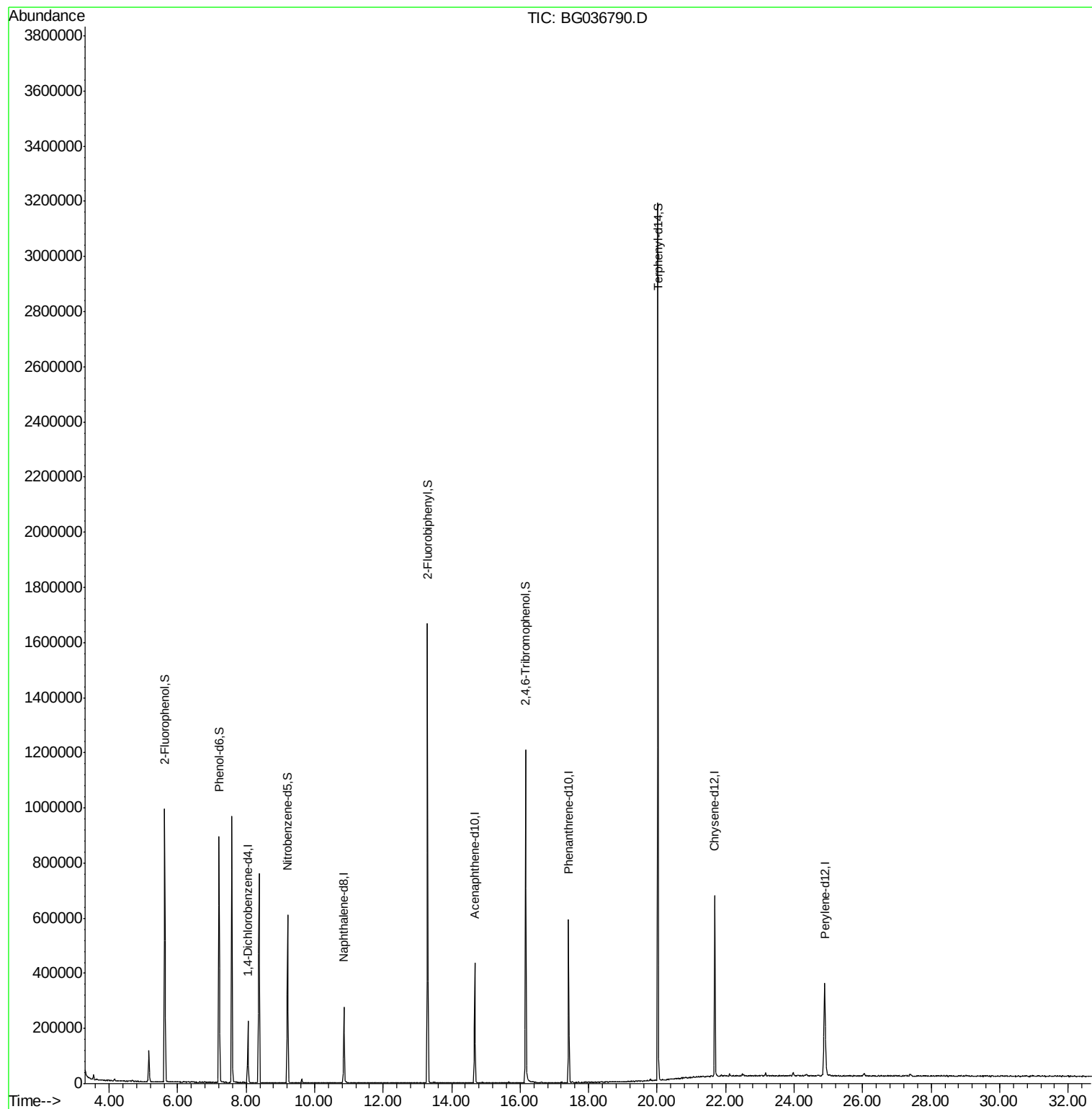
Target Compounds Qvalue

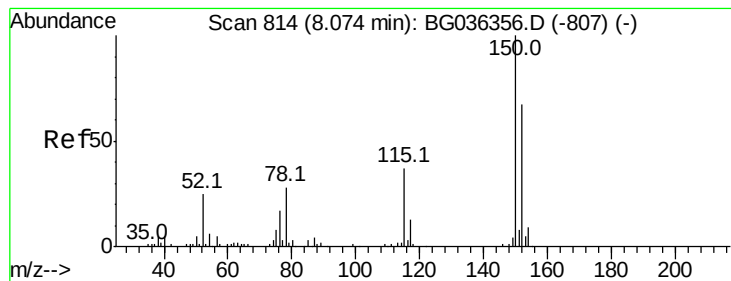
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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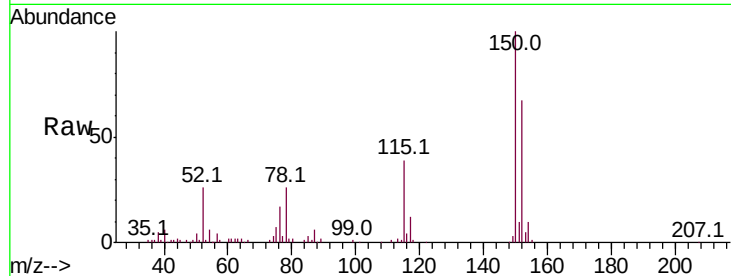


#1

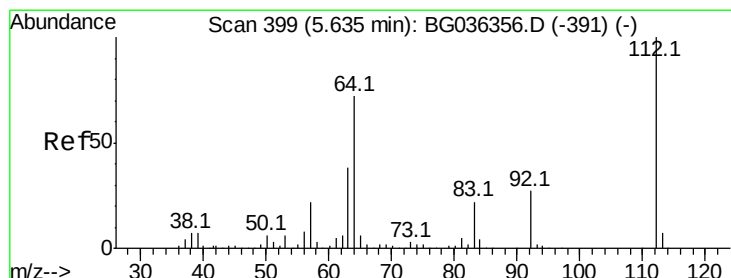
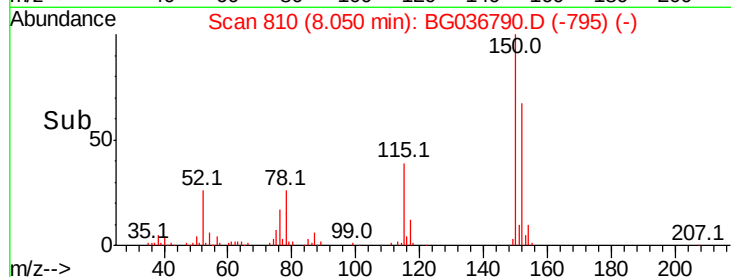
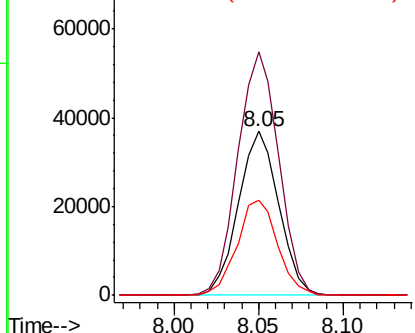
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG036790.D
Acq: 18 Sep 2018 17:50

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tot Ion:152 Resp: 61164
Ion Ratio Lower Upper
152 100
150 148.4 119.5 179.3
115 57.9 44.5 66.7



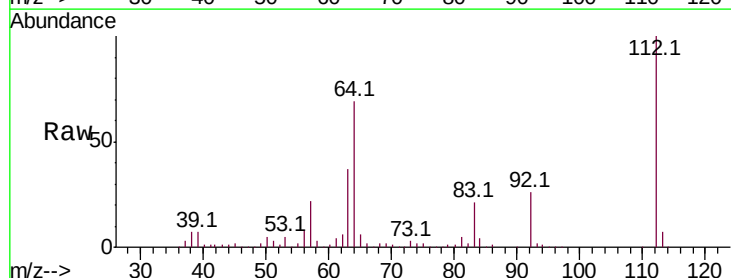
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



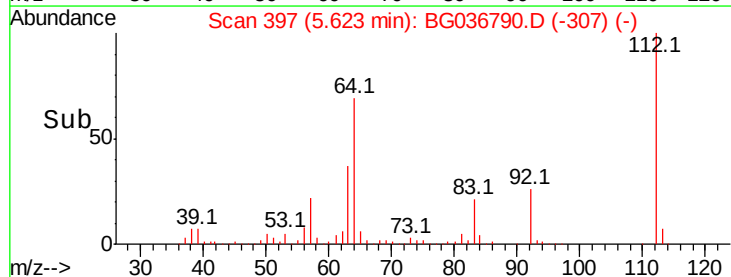
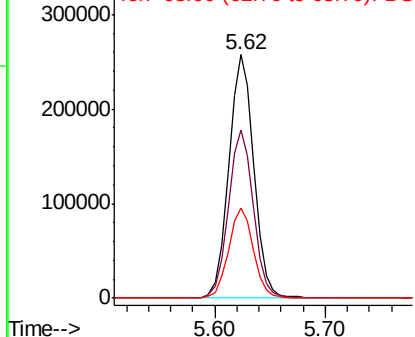
#5

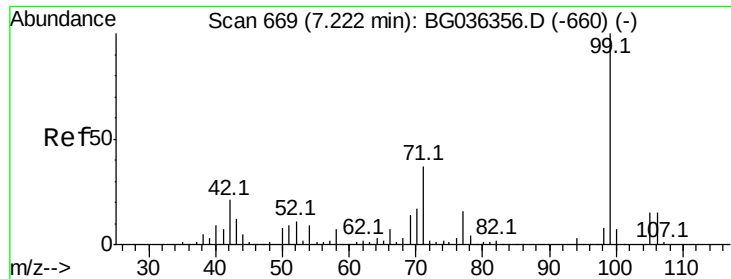
2-Fluorophenol
Concen: 105.654 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036790.D
Acq: 18 Sep 2018 17:50

Tgt Ion:112 Resp: 407377
Ion Ratio Lower Upper
112 100
64 69.2 57.2 85.8
63 37.1 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: 93.614 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036790.D

Acq: 18 Sep 2018 17:50

Instrument :

BNA_G

ClientSampleId :

COMP-2

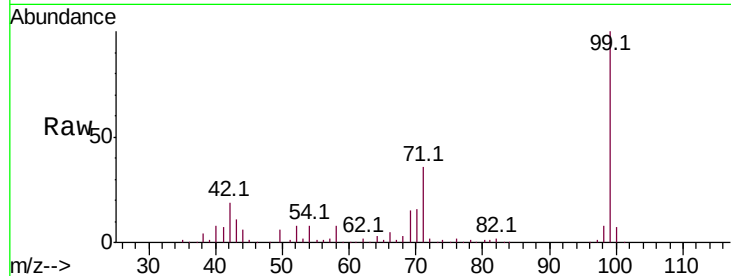
Tot Ion: 99 Resp: 516796

Ion Ratio Lower Upper

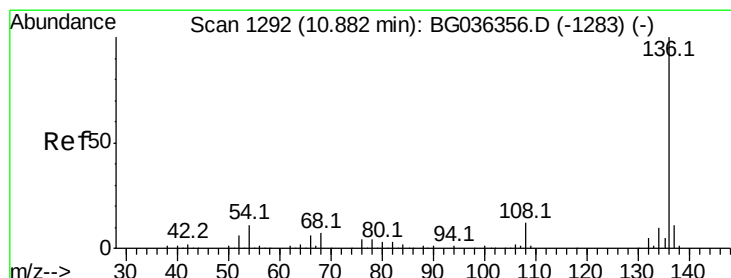
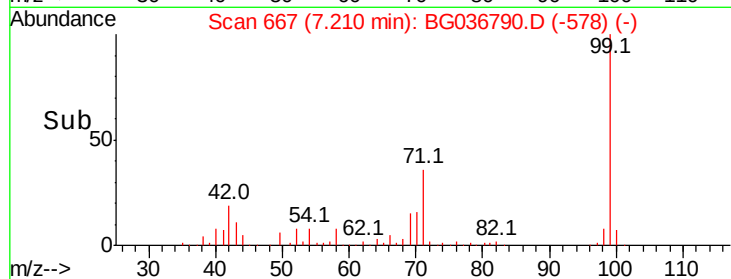
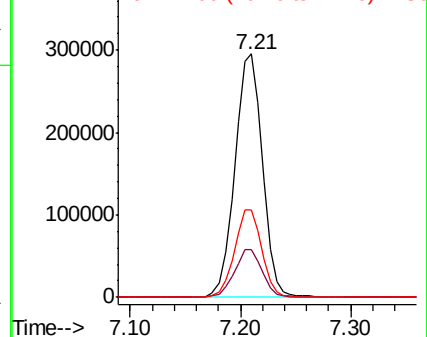
99 100

42 19.5 16.5 24.7

71 35.8 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: BG036790.D

Acq: 18 Sep 2018 17:50

Tgt Ion: 136 Resp: 235419

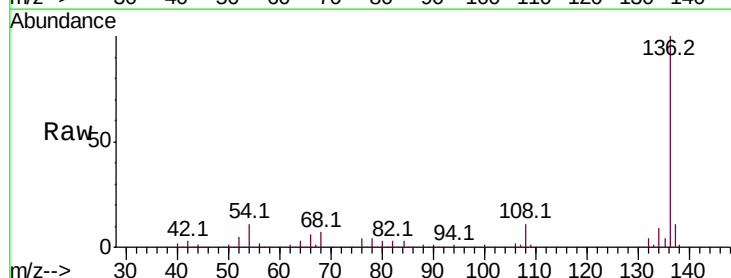
Ion Ratio Lower Upper

136 100

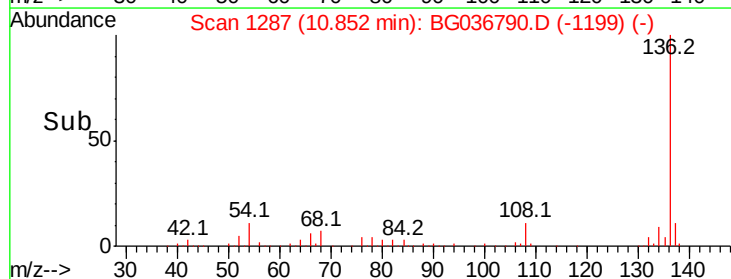
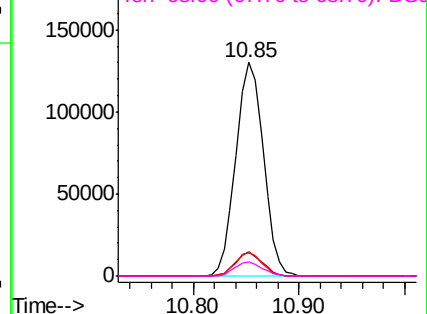
137 11.5 8.8 13.2

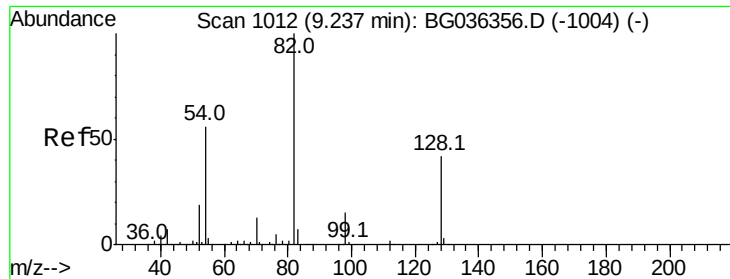
54 10.7 9.2 13.8

68 6.6 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

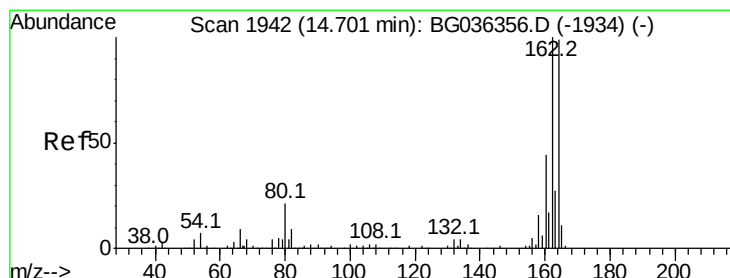
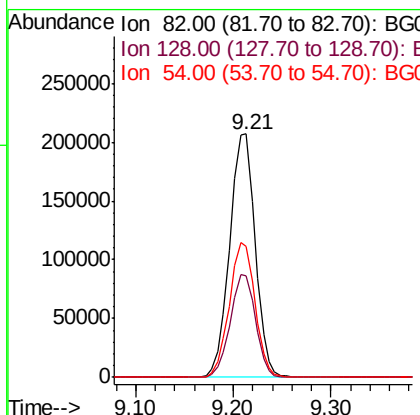
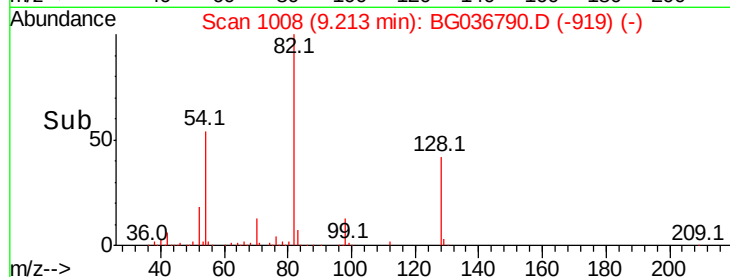
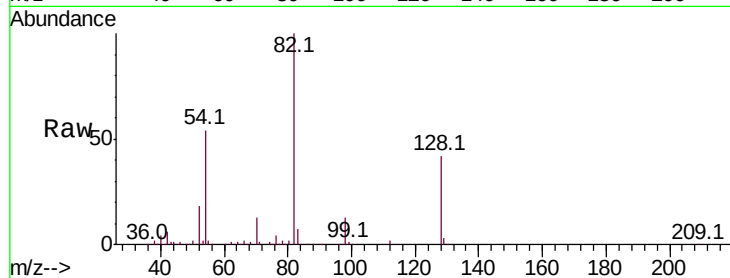




#23
Nitrobenzene-d5
Concen: 86.826 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036790.D
Acq: 18 Sep 2018 17:50

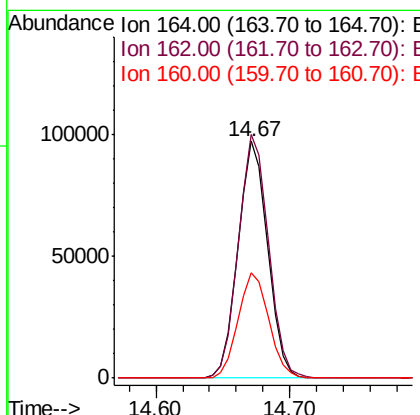
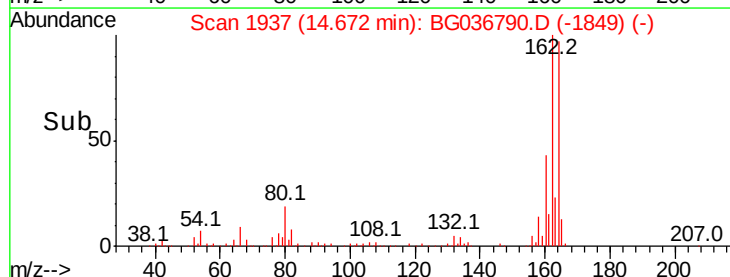
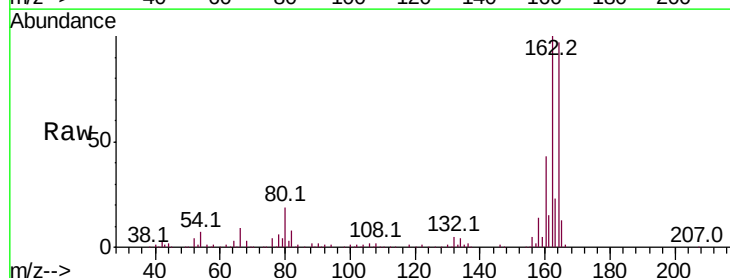
Instrument :
BNA_G
ClientSampled :
COMP-2

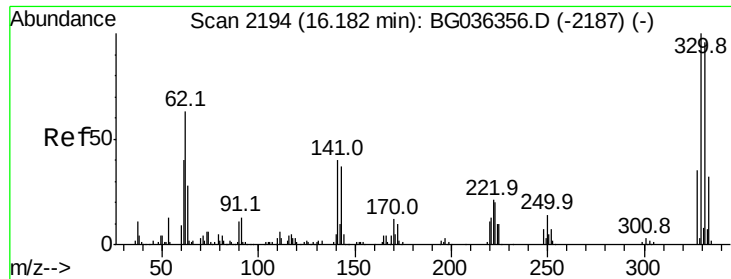
Tot Ion: 82 Resp: 376737
Ion Ratio Lower Upper
82 100
128 41.8 33.3 49.9
54 53.8 45.1 67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036790.D
Acq: 18 Sep 2018 17:50

Tgt Ion: 164 Resp: 149500
Ion Ratio Lower Upper
164 100
162 102.9 80.7 121.1
160 44.5 35.3 52.9

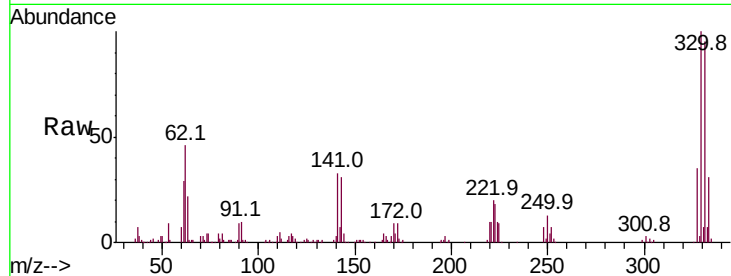




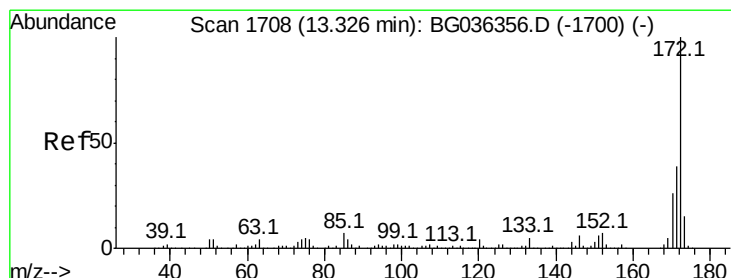
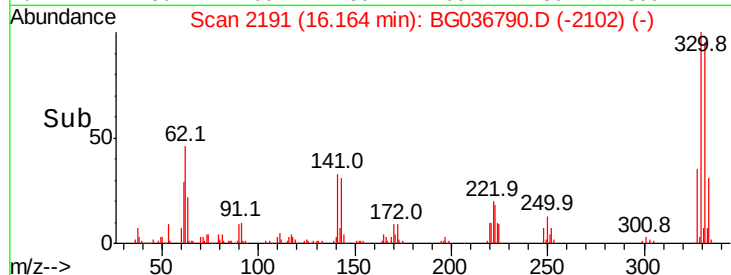
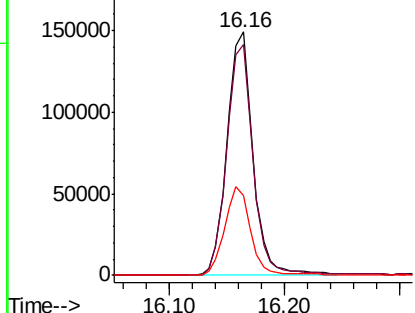
#41
 2,4,6-Tribromophenol
 Concen: 131.104 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036790.D
 Acq: 18 Sep 2018 17:50

Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	75.4	113.2
141	36.6	30.7	46.1

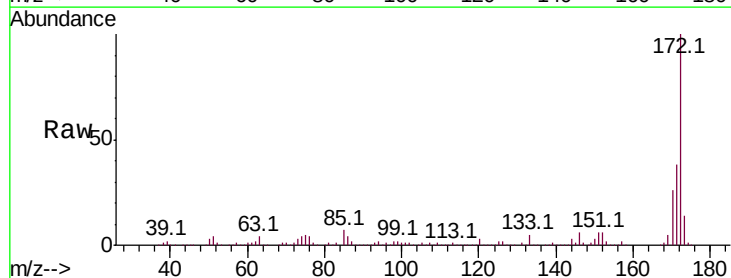


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

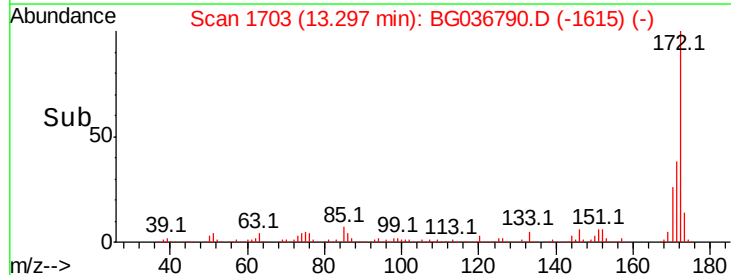
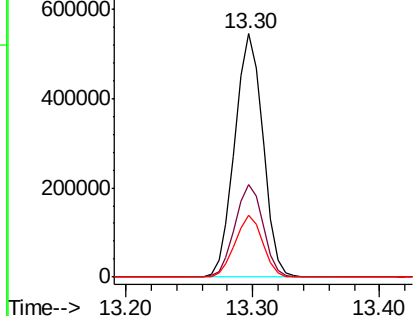


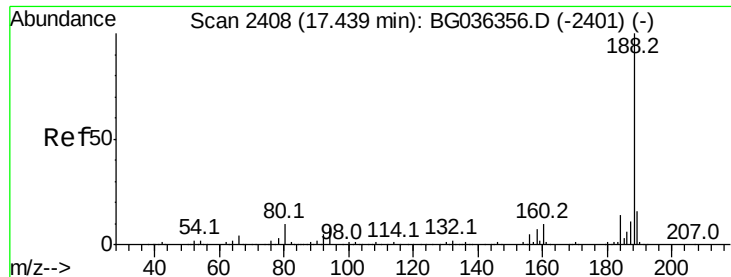
#44
 2-Fluorobiphenyl
 Concen: 80.190 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036790.D
 Acq: 18 Sep 2018 17:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.3	46.9
170	25.5	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

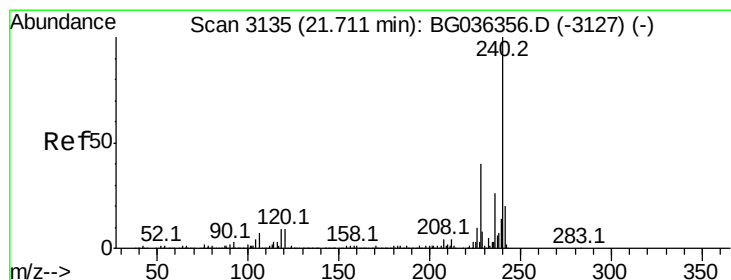
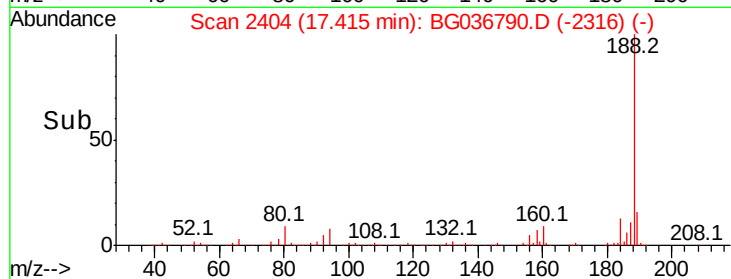
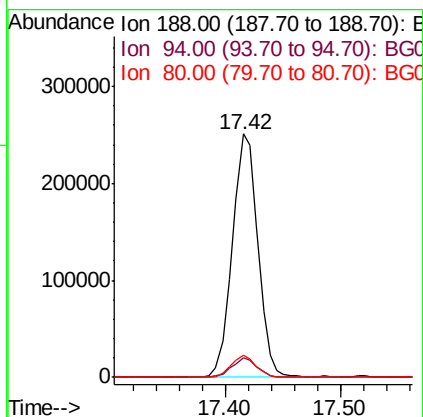
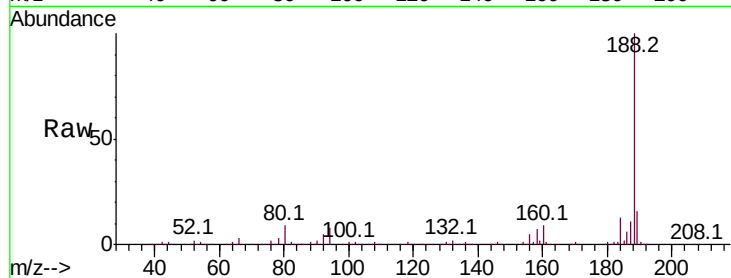




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BG036790.D
 Acq: 18 Sep 2018 17:50

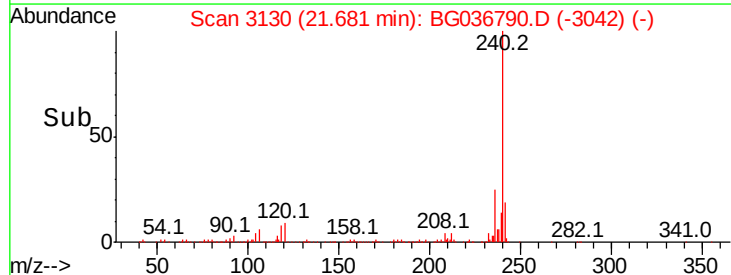
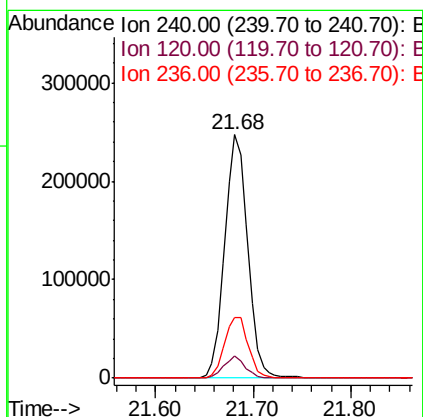
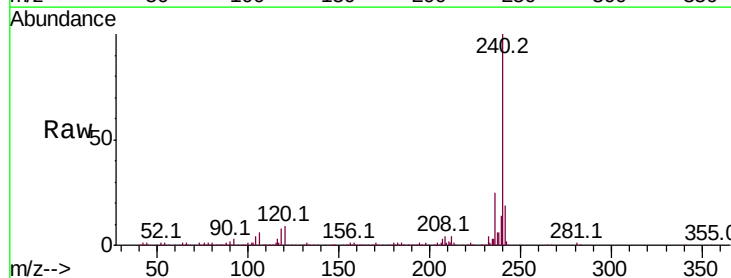
Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

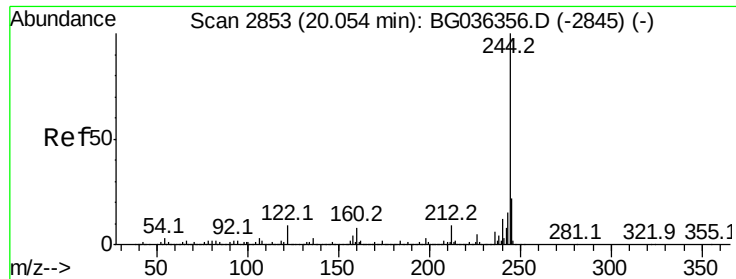
Tot Ion:188 Resp: 385394
 Ion Ratio Lower Upper
 188 100
 94 7.9 6.7 10.1
 80 9.2 8.1 12.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG036790.D
 Acq: 18 Sep 2018 17:50

Tgt Ion:240 Resp: 405236
 Ion Ratio Lower Upper
 240 100
 120 8.9 6.9 10.3
 236 24.9 21.2 31.8





#78

Terphenyl-d14

Concen: 84.451 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036790.D

Acq: 18 Sep 2018 17:50

Instrument :

BNA_G

ClientSampleId :

COMP-2

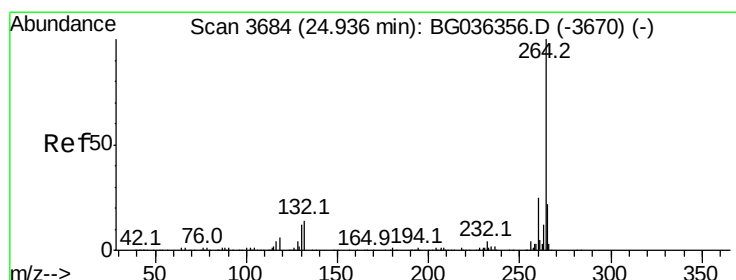
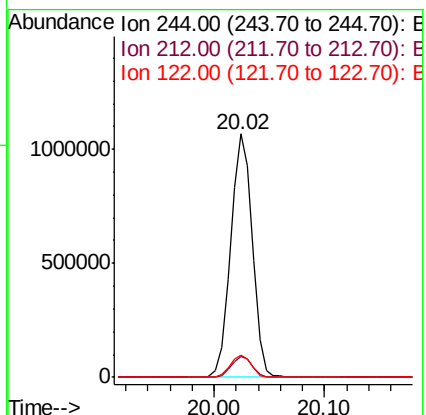
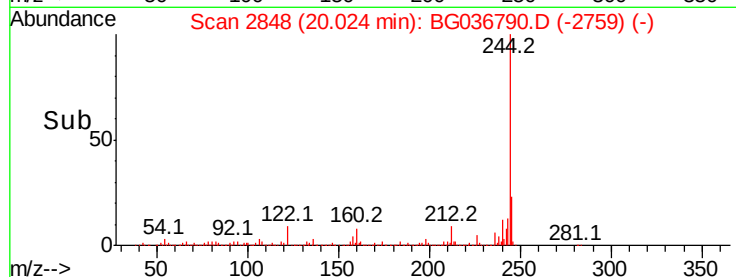
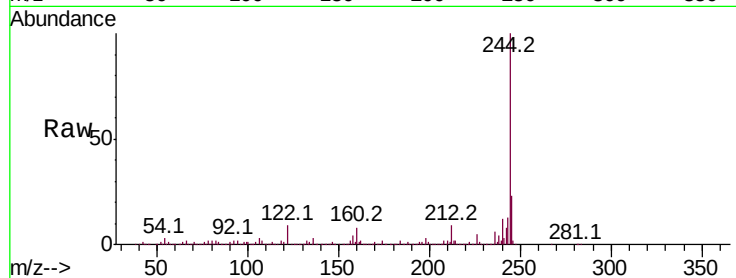
Tot Ion:244 Resp: 1464162

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

122 9.3 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3676

Delta R.T. -0.01 min

Lab File: BG036790.D

Acq: 18 Sep 2018 17:50

Tgt Ion:264 Resp: 393162

Ion Ratio Lower Upper

264 100

260 22.7 19.6 29.4

265 20.5 17.4 26.0

