

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062518\
 Data File : BG035396.D
 Acq On : 26 Jun 2018 3:52
 Operator : JU/SJ
 Sample : J3676-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-5-8

Quant Time: Jun 26 07:23:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

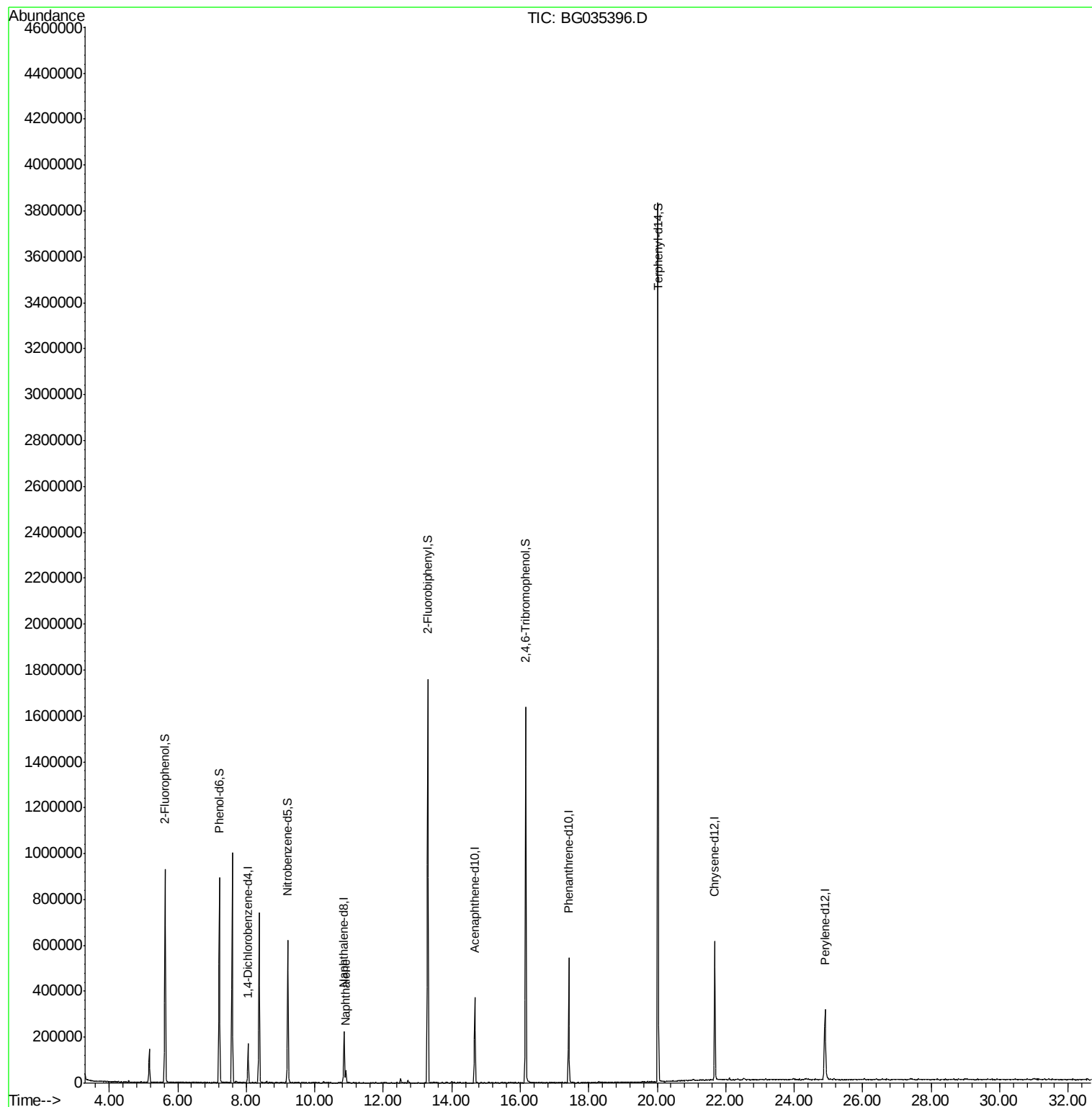
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	50586	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	183191	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	131420	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	353358	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	380939	20.00	ng	-0.04
86) Perylene-d12	24.90	264	352428	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	411353	137.23	ng	-0.01
7) Phenol-d6	7.21	99	537780	121.56	ng	-0.01
23) Nitrobenzene-d5	9.21	82	417804	108.41	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	299964	178.30	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	953075	94.28	ng	-0.03
78) Terphenyl-d14	20.02	244	1779495	97.85	ng	-0.02
Target Compounds						
31) Naphthalene	10.91	128	44245	4.649	ng	Qvalue 98

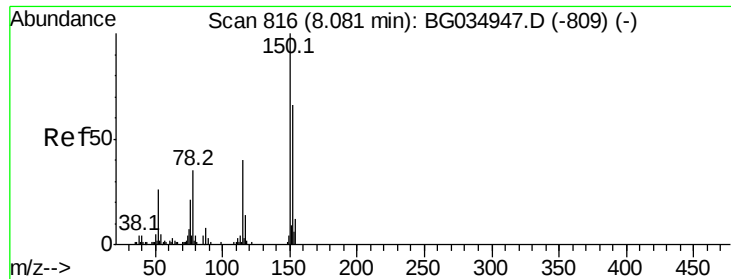
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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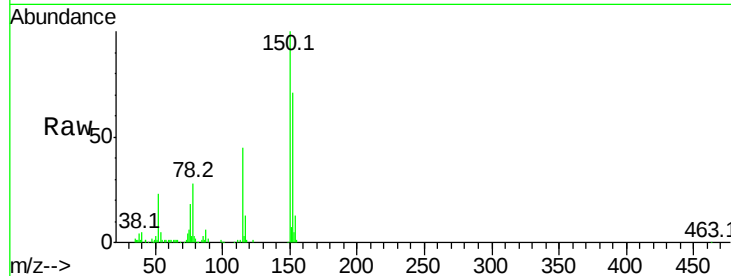


#1

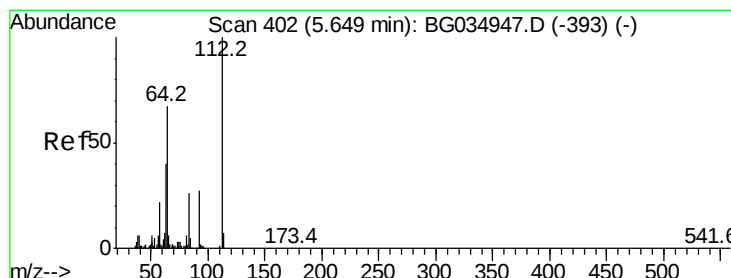
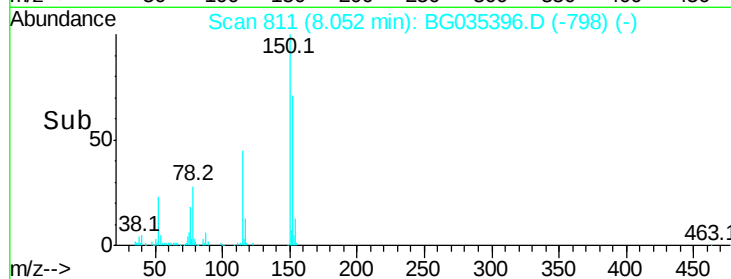
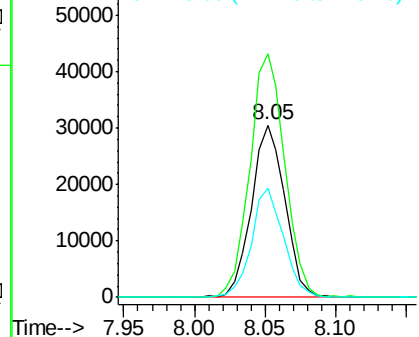
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035396.D
Acq: 26 Jun 2018 3:52

Instrument :
BNA_G
ClientSampleId :
RO-5-8

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.5	126.6	189.8
115	63.7	53.0	79.4



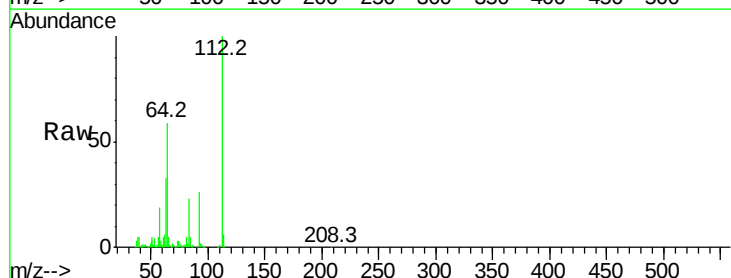
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



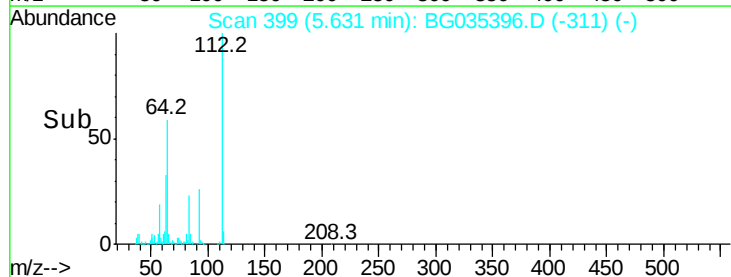
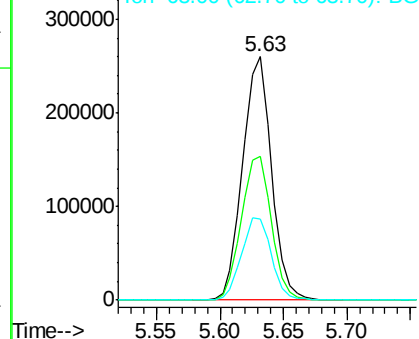
#5

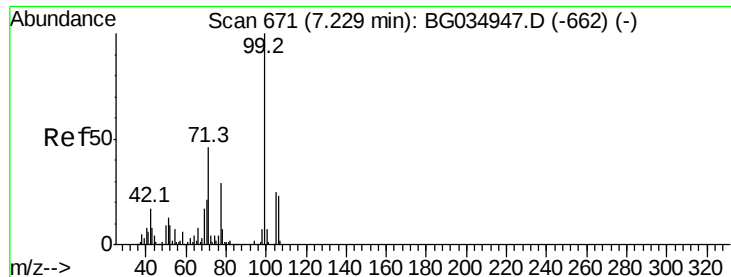
2-Fluorophenol
Concen: 137.232 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035396.D
Acq: 26 Jun 2018 3:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	56.3	84.5
63	33.4	30.1	45.1



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: 121.556 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035396.D

Acq: 26 Jun 2018 3:52

Instrument :

BNA_G

ClientSampleId :

RO-5-8

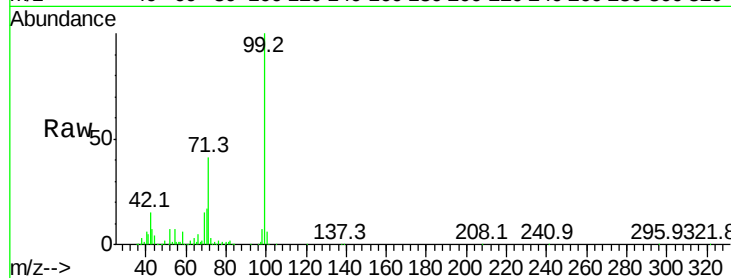
Tot Ion: 99 Resp: 537780

Ion Ratio Lower Upper

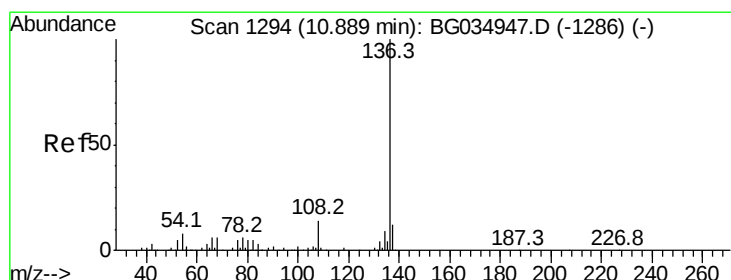
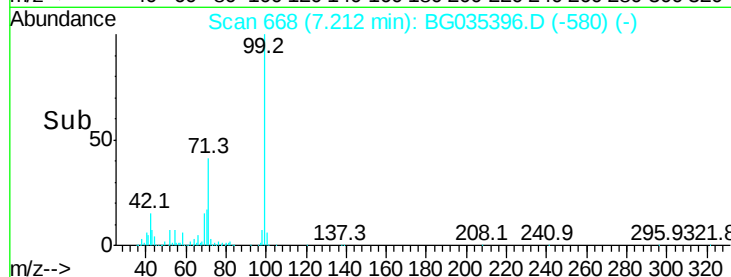
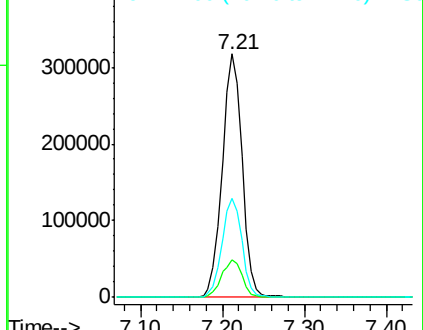
99 100

42 15.3 14.1 21.1

71 40.6 26.1 39.1#



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. -0.03 min

Lab File: BG035396.D

Acq: 26 Jun 2018 3:52

Tgt Ion: 136 Resp: 183191

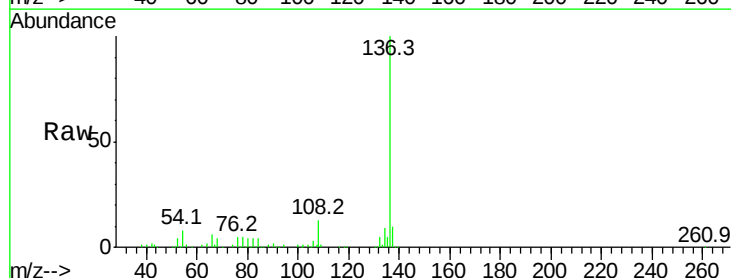
Ion Ratio Lower Upper

136 100

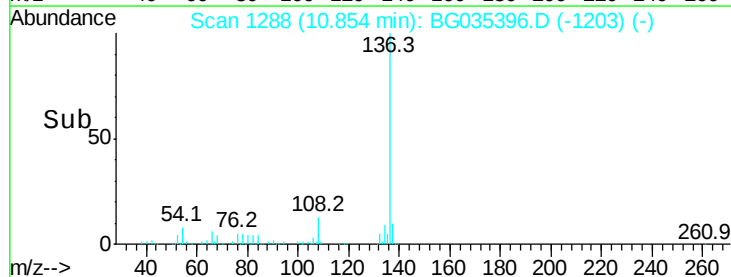
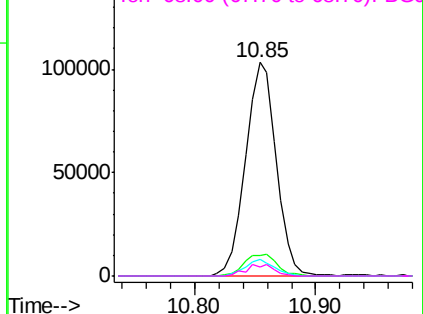
137 9.9 9.2 13.8

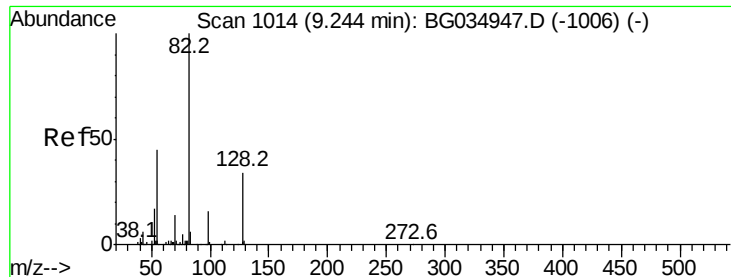
54 7.7 10.3 15.5#

68 4.2 4.5 6.7#



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

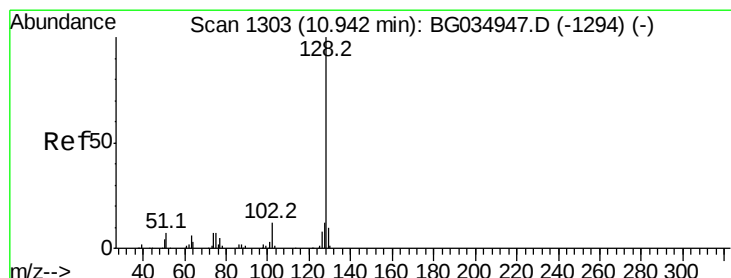
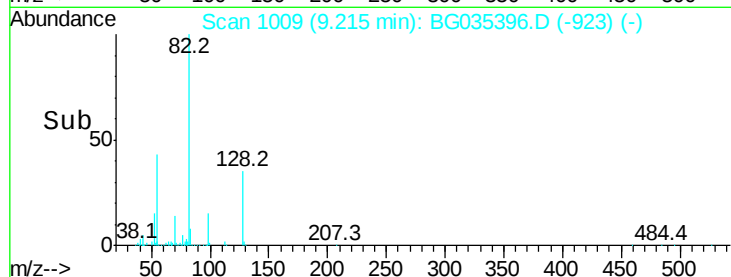
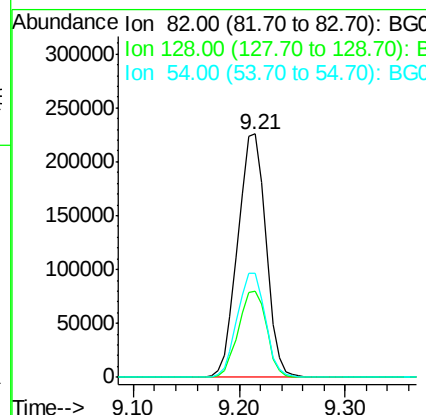
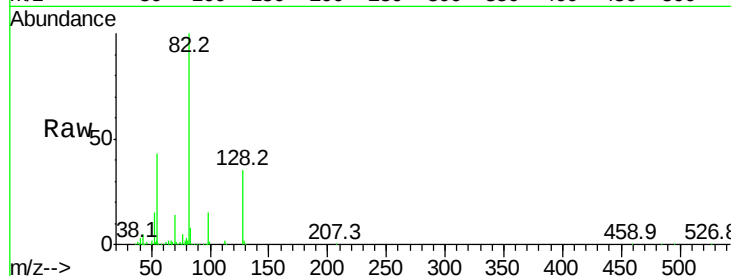




#23
 Nitrobenzene-d5
 Concen: 108.412 ng
 RT: 9.21 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035396.D
 Acq: 26 Jun 2018 3:52

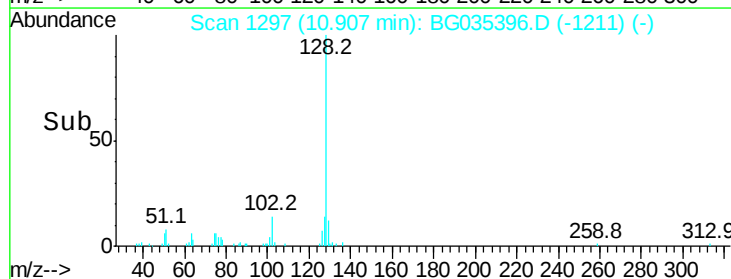
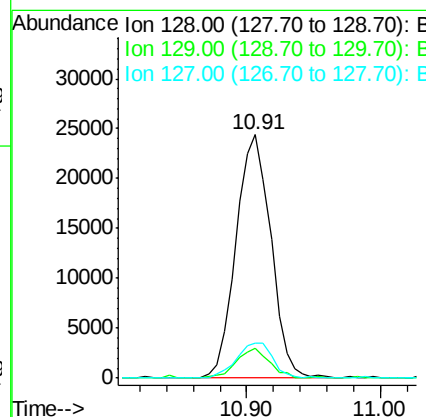
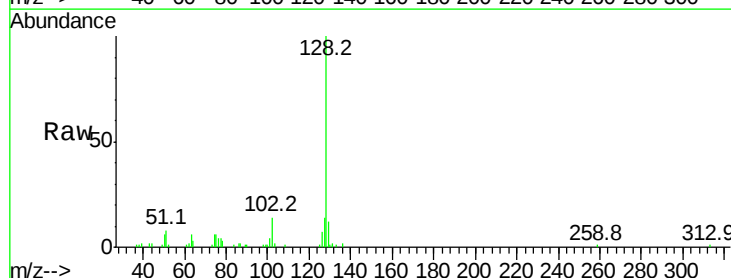
Instrument :
 BNA_G
 ClientSampleId :
 RO-5-8

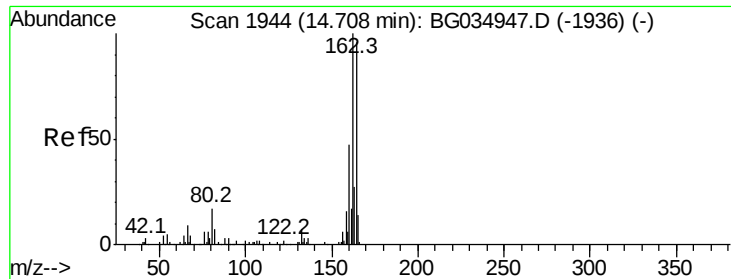
Tot Ion: 82 Resp: 417804
 Ion Ratio Lower Upper
 82 100
 128 35.4 29.7 44.5
 54 42.8 43.1 64.7#



#31
 Naphthalene
 Concen: 4.649 ng
 RT: 10.91 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BG035396.D
 Acq: 26 Jun 2018 3:52

Tgt Ion: 128 Resp: 44245
 Ion Ratio Lower Upper
 128 100
 129 12.3 8.6 12.8
 127 14.5 11.6 17.4

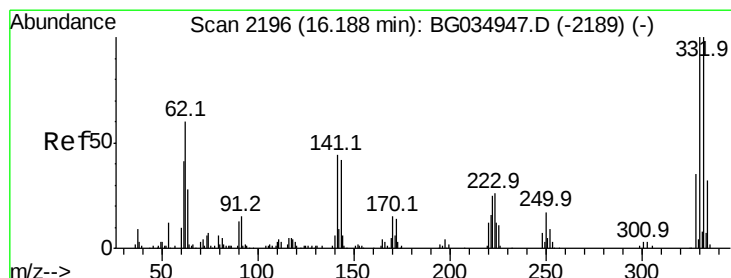
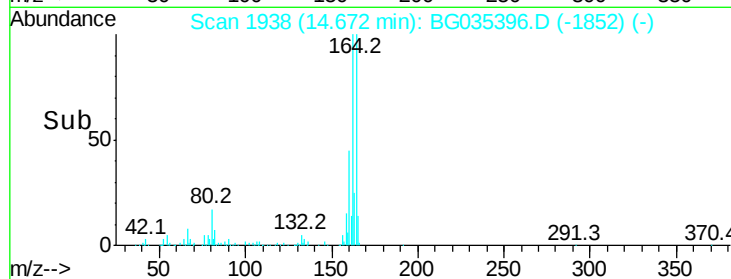
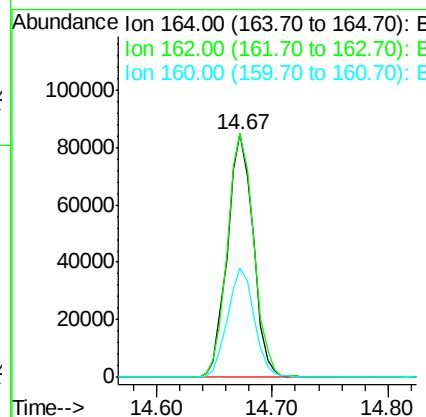
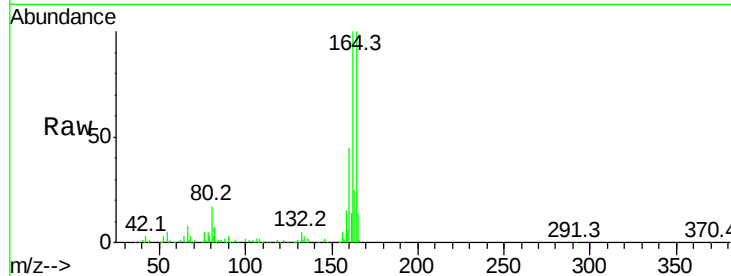




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035396.D
 Acq: 26 Jun 2018 3:52

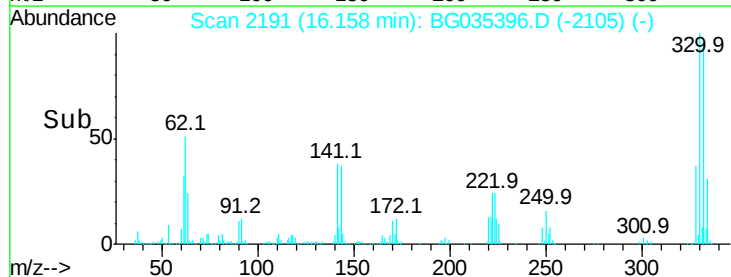
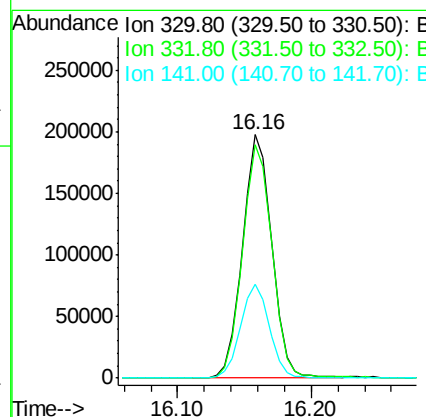
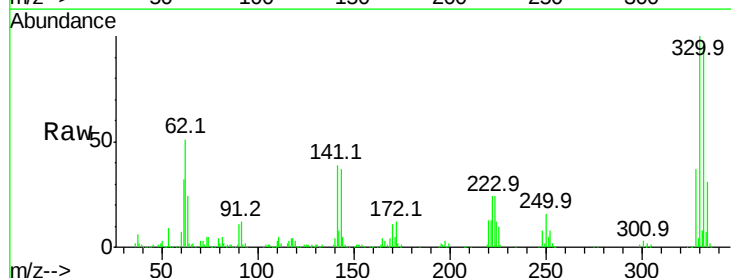
Instrument :
 BNA_G
 ClientSampleId :
 RO-5-8

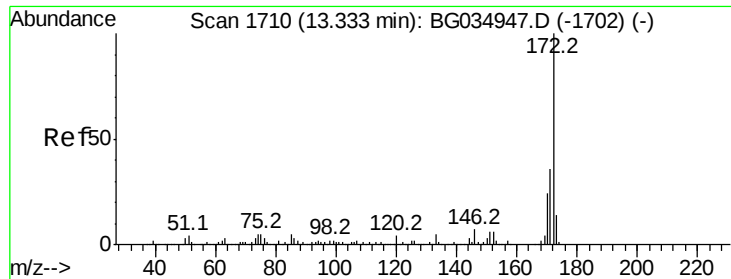
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.9	78.8	118.2
160	44.9	35.4	53.0



#41
 2,4,6-Tribromophenol
 Concen: 178.301 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035396.D
 Acq: 26 Jun 2018 3:52

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	38.0	25.2	37.8#

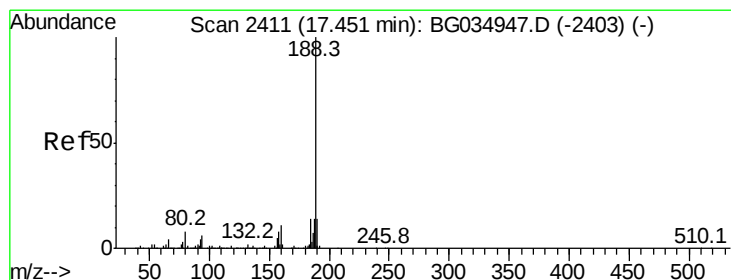
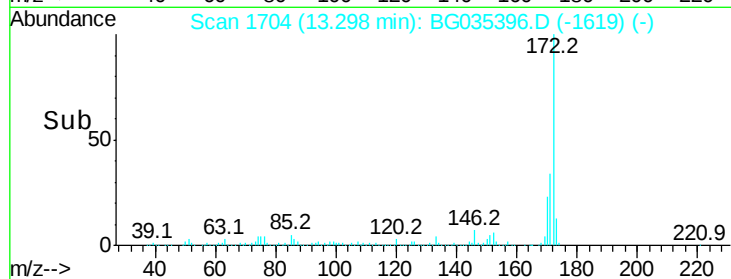
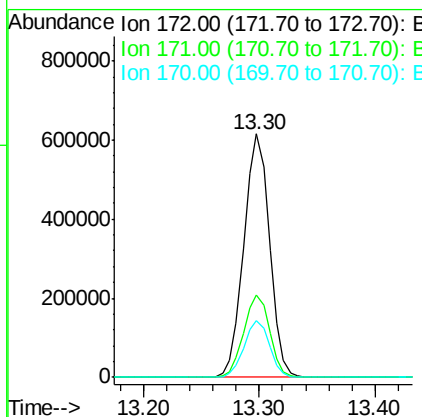
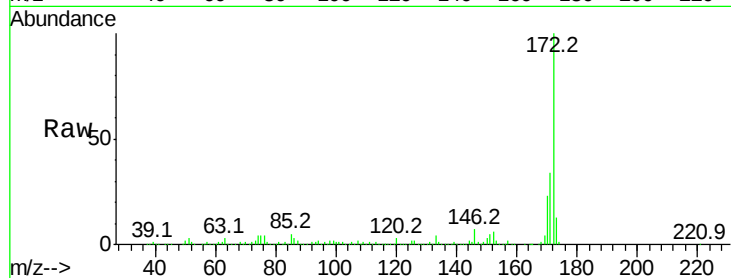




#44
2-Fluorobiphenyl
Concen: 94.277 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.03 min
Lab File: BG035396.D
Acq: 26 Jun 2018 3:52

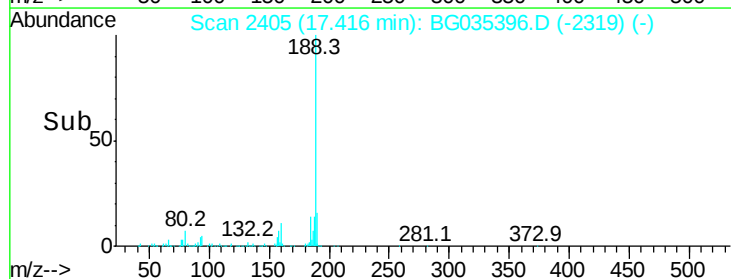
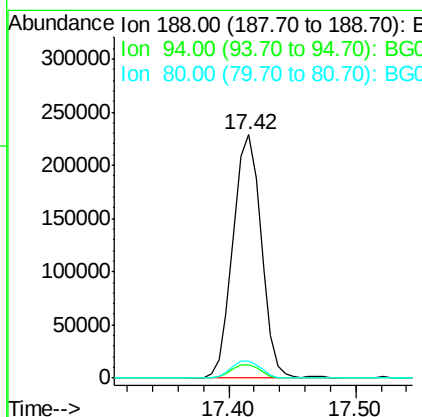
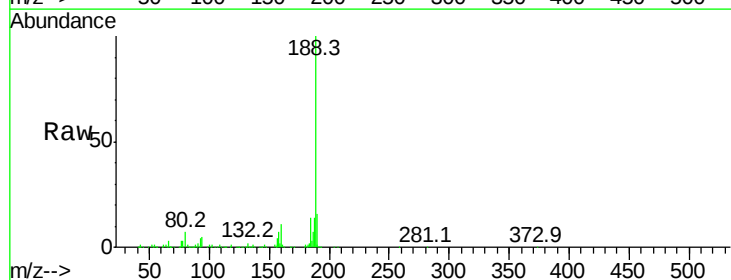
Instrument :
BNA_G
ClientSampleId :
RO-5-8

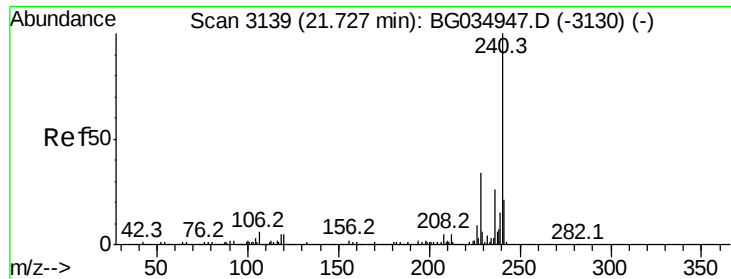
Tot Ion:172 Resp: 953075
Ion Ratio Lower Upper
172 100
171 33.8 30.0 45.0
170 23.1 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035396.D
Acq: 26 Jun 2018 3:52

Tgt Ion:188 Resp: 353358
Ion Ratio Lower Upper
188 100
94 5.4 6.9 10.3#
80 7.1 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.04 min

Lab File: BG035396.D

Acq: 26 Jun 2018 3:52

Instrument :

BNA_G

ClientSampleId :

RO-5-8

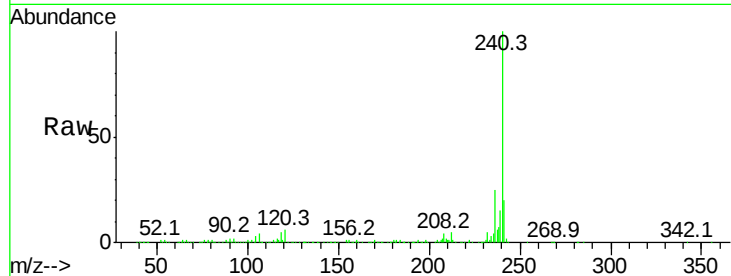
Tot Ion:240 Resp: 380939

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

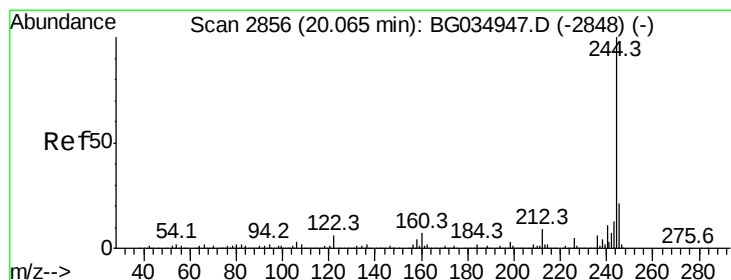
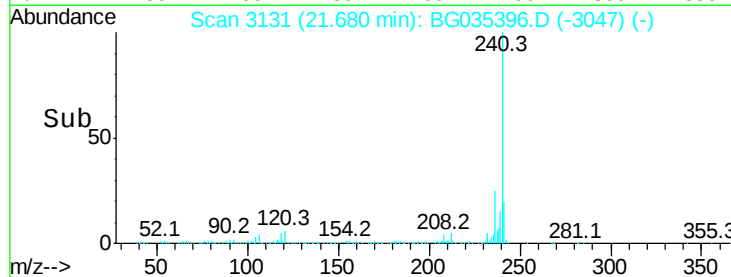
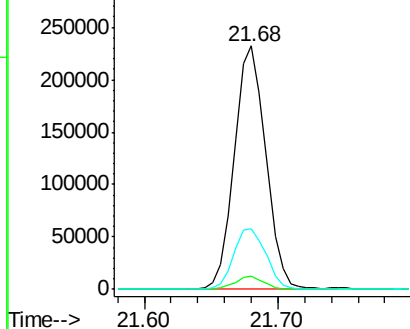
236 25.0 20.9 31.3



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: 97.849 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035396.D

Acq: 26 Jun 2018 3:52

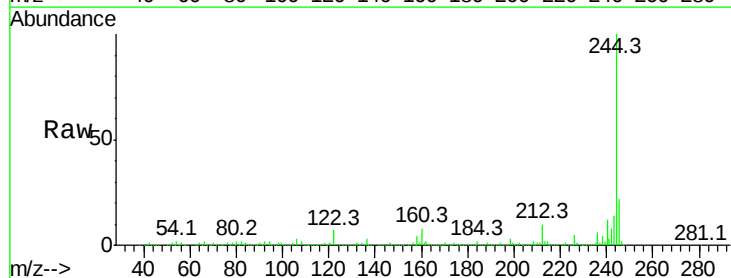
Tgt Ion:244 Resp: 1779495

Ion Ratio Lower Upper

244 100

212 9.8 5.8 8.8#

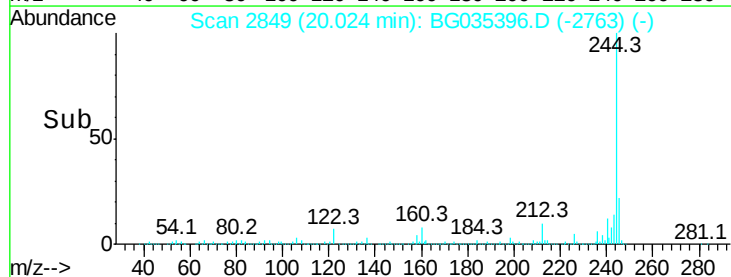
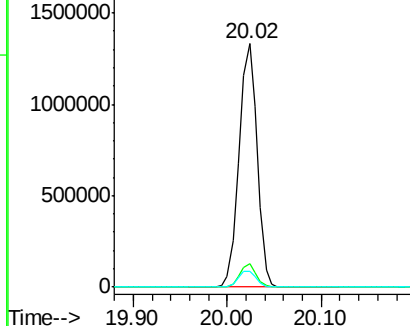
122 6.7 7.0 10.4#

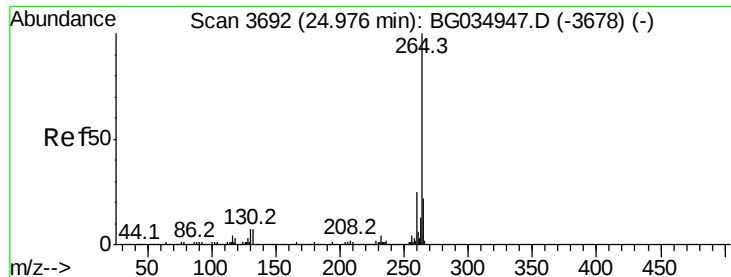


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.90 min Scan# 3679
 Delta R.T. -0.05 min
 Lab File: BG035396.D
 Acq: 26 Jun 2018 3:52

Instrument :
 BNA_G
 ClientSampleId :
 RO-5-8

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.4	26.0
265	24.8	17.7	26.5

