

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062518\
 Data File : BG035395.D
 Acq On : 26 Jun 2018 3:14
 Operator : JU/SJ
 Sample : J3676-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-1-4

Quant Time: Jun 26 07:21:59 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	46714	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	176655	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	126000	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	341578	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	369949	20.00	ng	-0.04
86) Perylene-d12	24.90	264	344564	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	393298	142.08	ng	-0.01
7) Phenol-d6	7.21	99	506272	123.92	ng	-0.01
23) Nitrobenzene-d5	9.21	82	401221	107.96	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	288964	179.15	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	923194	95.25	ng	-0.03
78) Terphenyl-d14	20.02	244	1772766	100.38	ng	-0.02

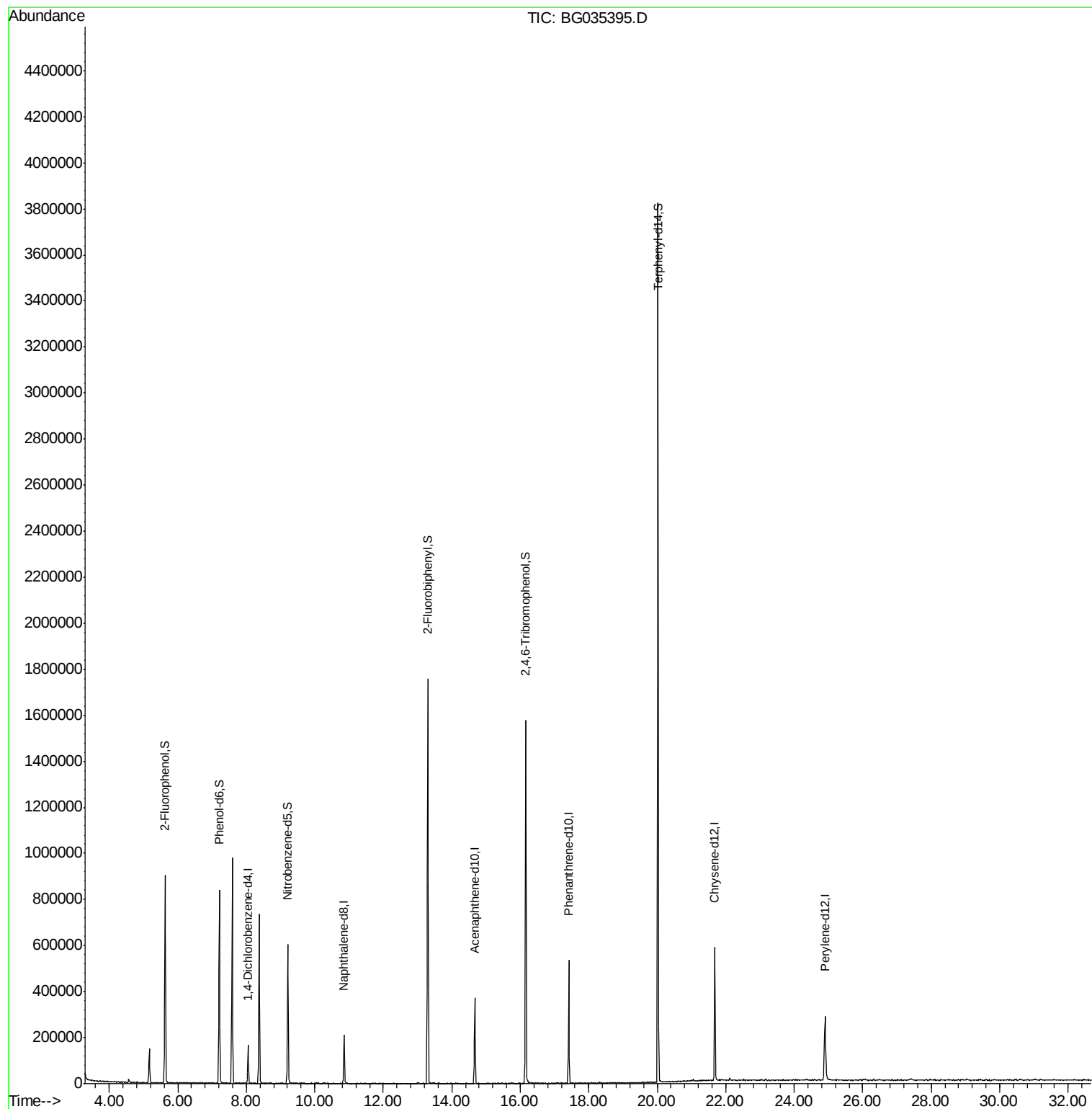
Target Compounds Qvalue

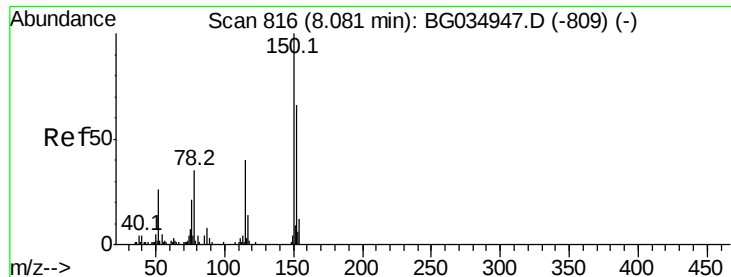
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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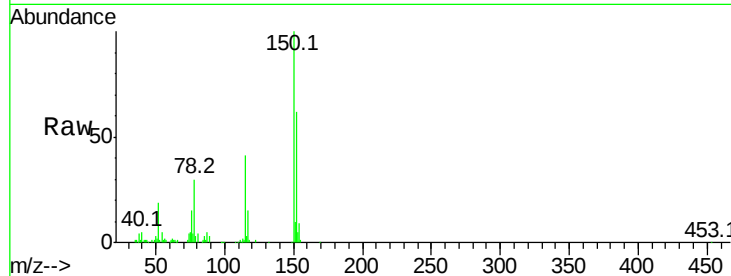


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035395.D
Acq: 26 Jun 2018 3:14

Instrument :
BNA_G
ClientSampleId :
RO-1-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.5	126.6	189.8
115	66.4	53.0	79.4

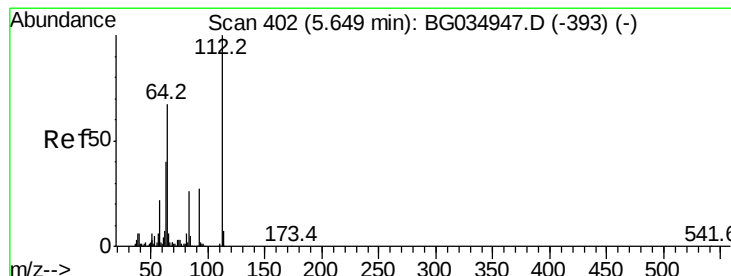
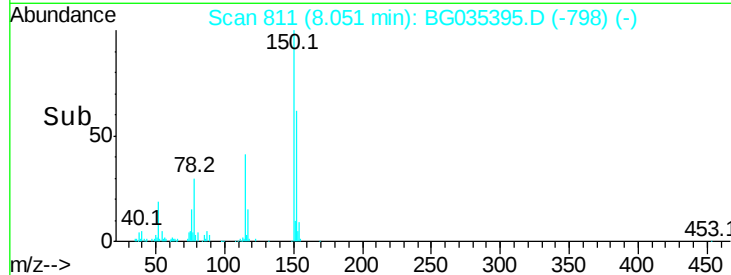
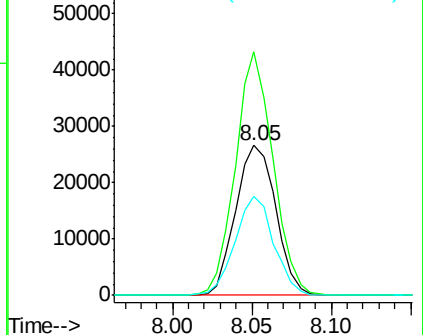


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

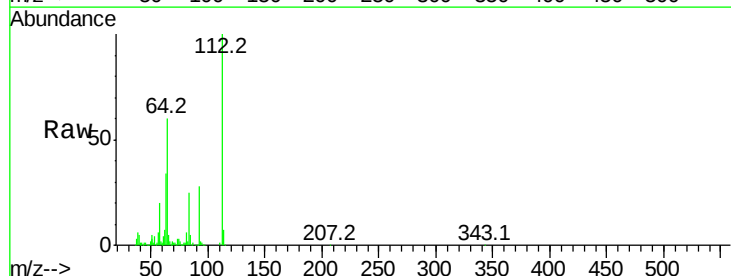
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 142.084 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035395.D
Acq: 26 Jun 2018 3:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	56.3	84.5
63	33.8	30.1	45.1

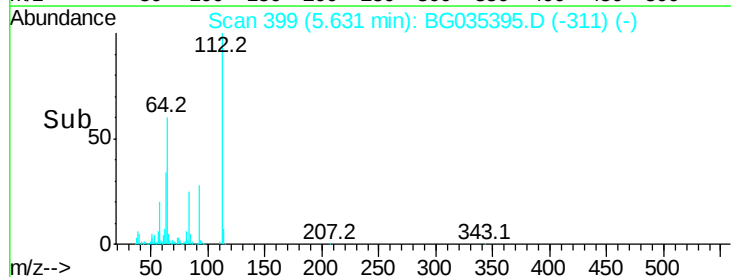
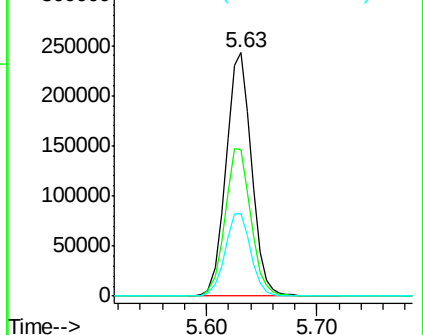


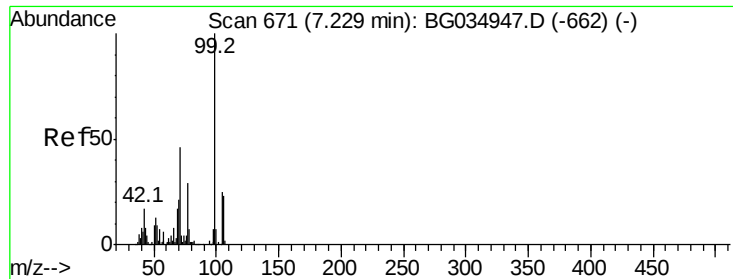
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 123.919 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035395.D

Acq: 26 Jun 2018 3:14

Instrument :

BNA_G

ClientSampleId :

RO-1-4

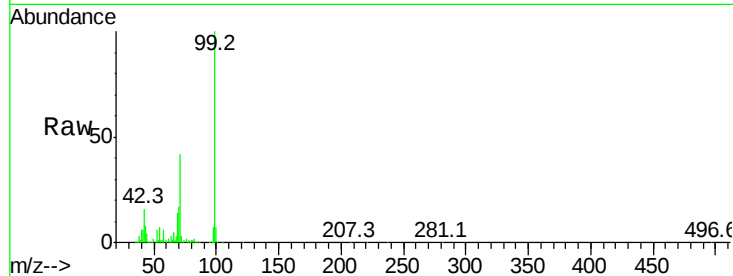
Tot Ion: 99 Resp: 506272

Ion Ratio Lower Upper

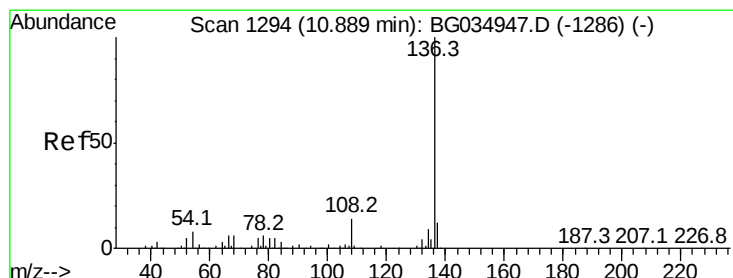
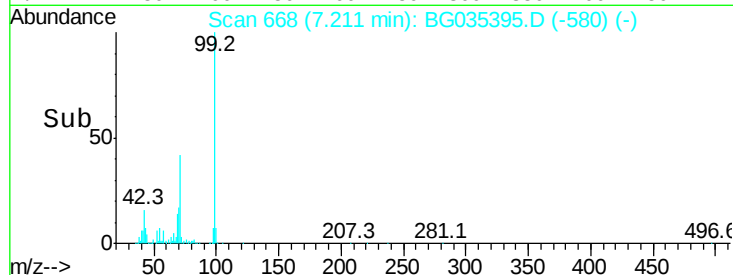
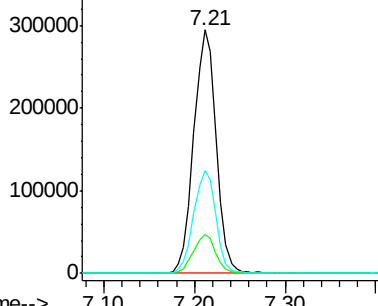
99 100

42 16.1 14.1 21.1

71 42.2 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: BG035395.D

Acq: 26 Jun 2018 3:14

Tgt Ion: 136 Resp: 176655

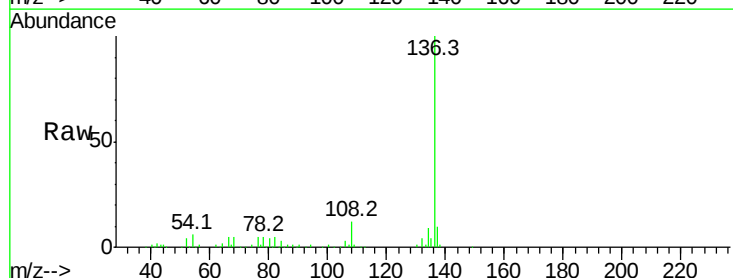
Ion Ratio Lower Upper

136 100

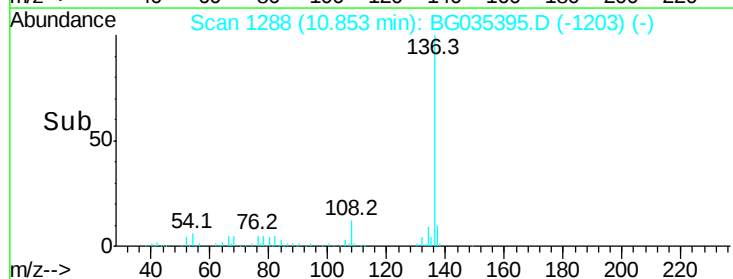
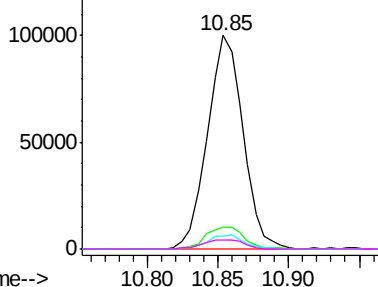
137 10.5 9.2 13.8

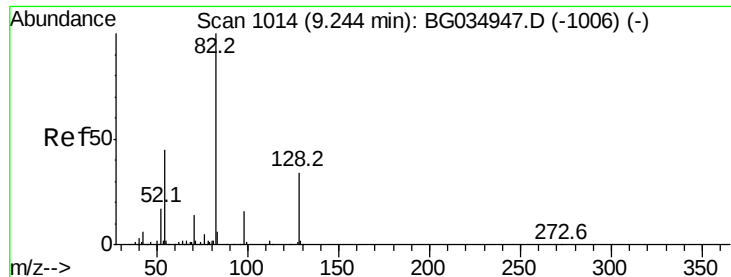
54 6.1 10.3 15.5#

68 4.5 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

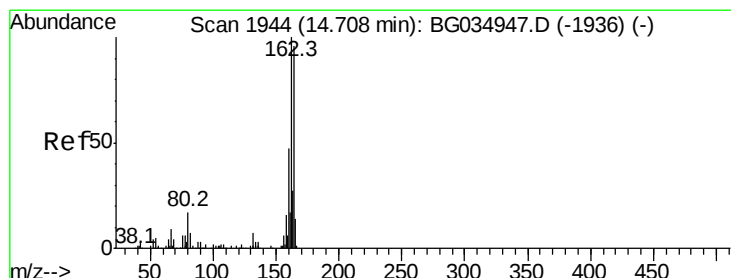
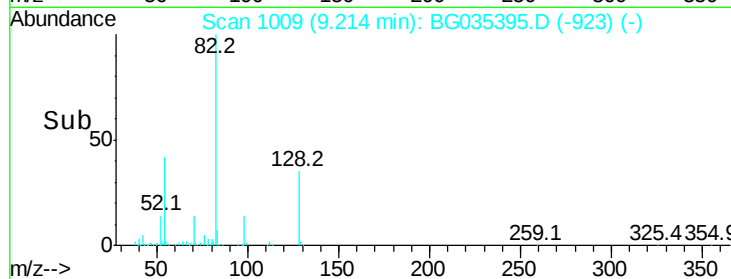
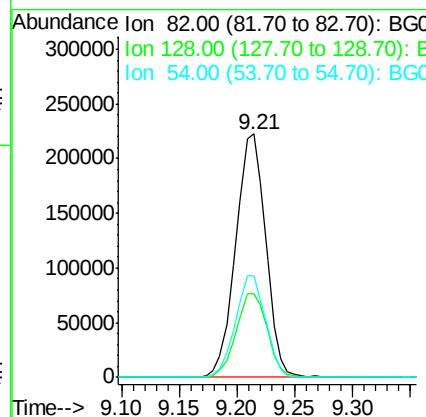
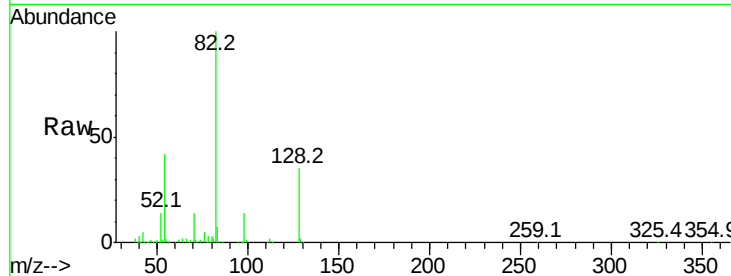




#23
 Nitrobenzene-d5
 Concen: 107.961 ng
 RT: 9.21 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035395.D
 Acq: 26 Jun 2018 3:14

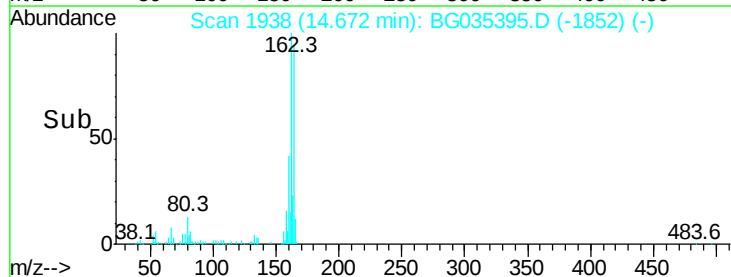
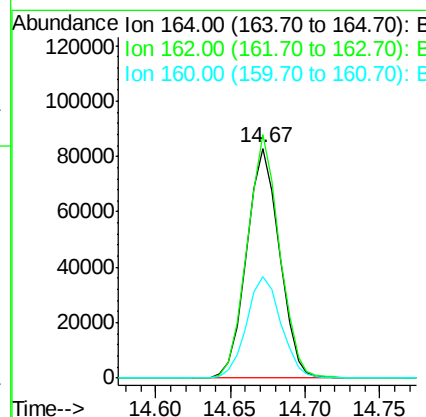
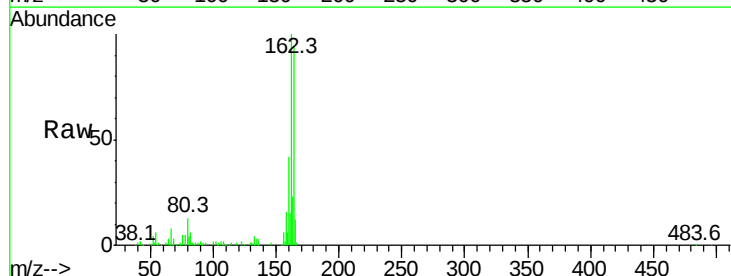
Instrument :
 BNA_G
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 RO-1-4

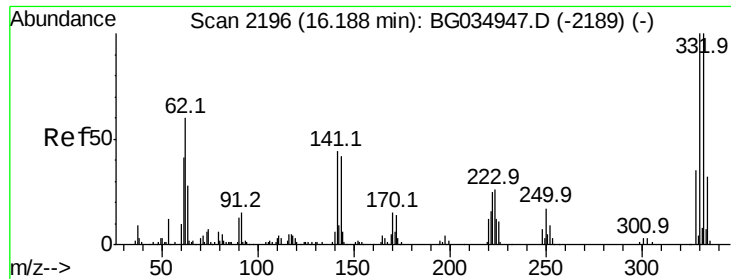
Tot Ion	82	Resp	401221
Ion Ratio	Lower	Upper	
82	100		
128	34.6	29.7	44.5
54	41.6	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035395.D
 Acq: 26 Jun 2018 3:14

Tgt Ion	164	Resp	126000
Ion Ratio	Lower	Upper	
164	100		
162	105.9	78.8	118.2
160	44.0	35.4	53.0

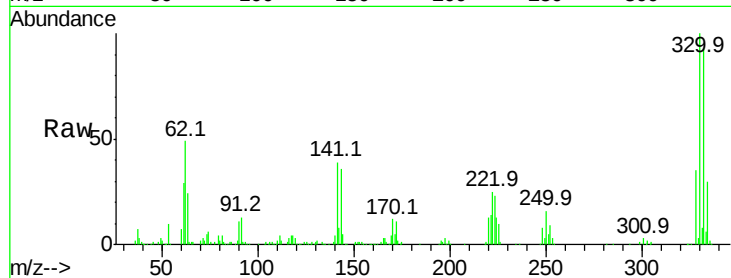




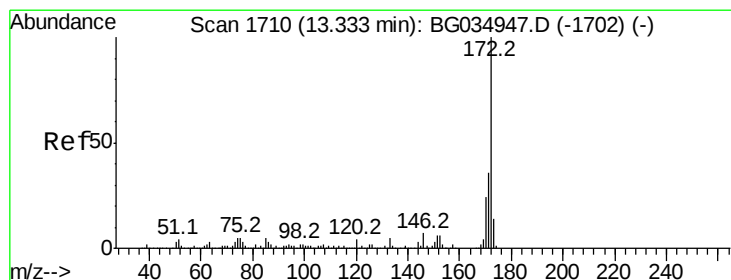
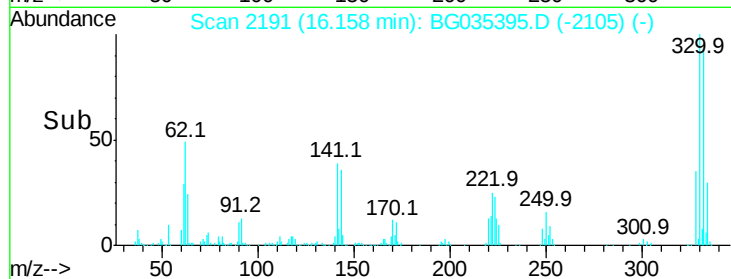
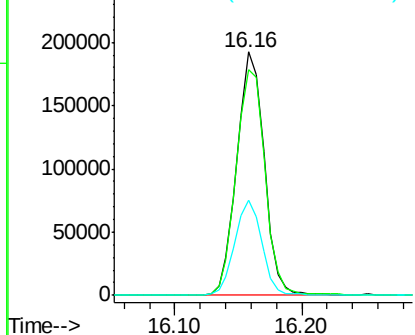
#41
 2,4,6-Tribromophenol
 Concen: 179.151 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035395.D
 Acq: 26 Jun 2018 3:14

Instrument :
 BNA_G
 ClientSampleId :
 RO-1-4

Tot Ion:330 Resp: 288964
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.6
 141 38.5 25.2 37.8#

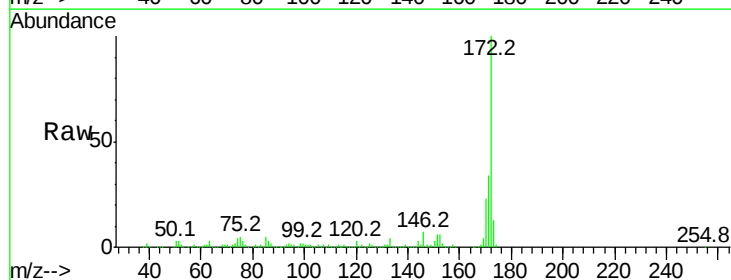


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

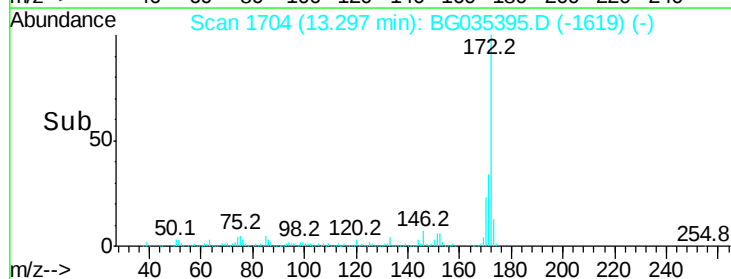
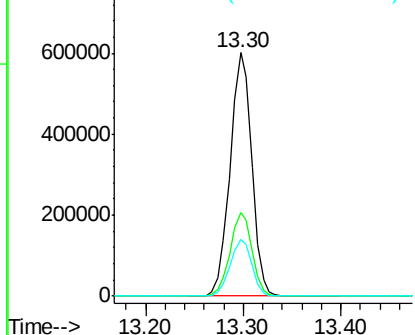


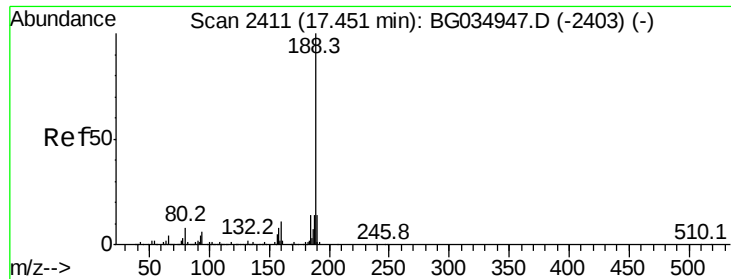
#44
 2-Fluorobiphenyl
 Concen: 95.250 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035395.D
 Acq: 26 Jun 2018 3:14

Tgt Ion:172 Resp: 923194
 Ion Ratio Lower Upper
 172 100
 171 34.5 30.0 45.0
 170 23.4 19.5 29.3



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

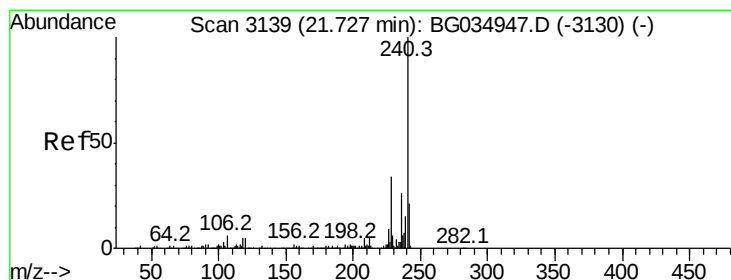
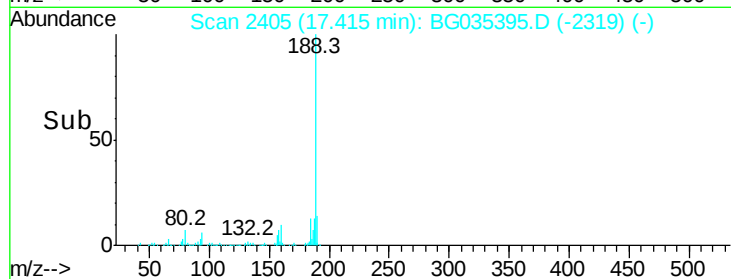
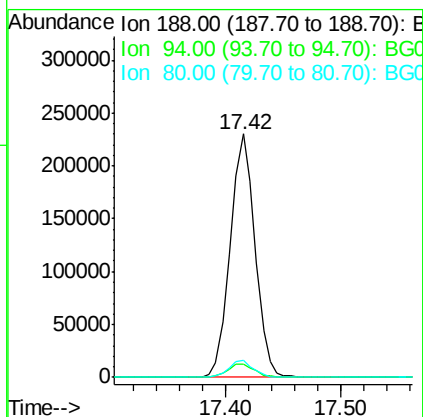
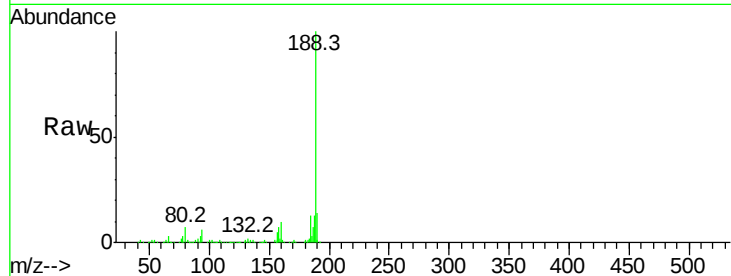




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035395.D
Acq: 26 Jun 2018 3:14

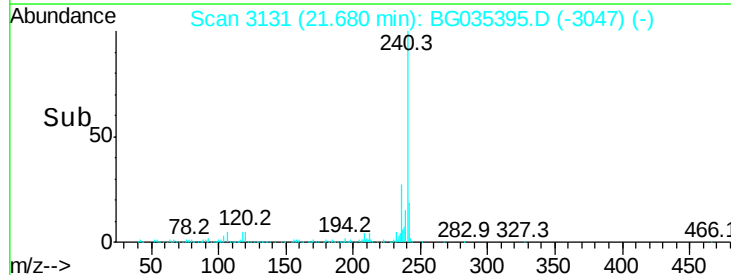
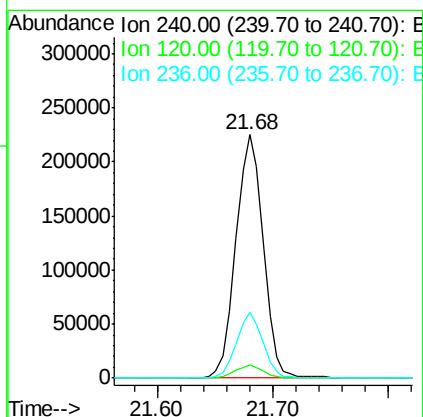
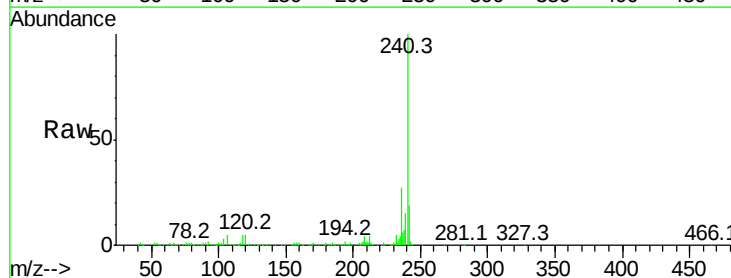
Instrument :
BNA_G
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RO-1-4

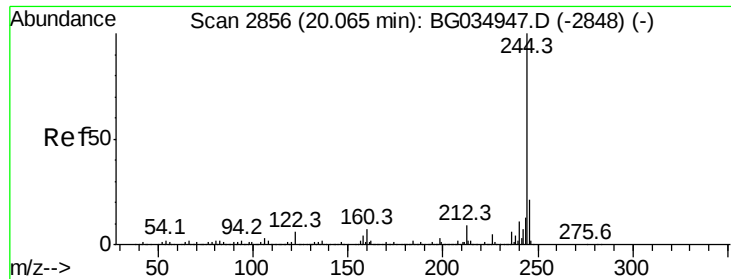
Tot Ion:188 Resp: 341578
Ion Ratio Lower Upper
188 100
94 5.5 6.9 10.3#
80 6.8 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.04 min
Lab File: BG035395.D
Acq: 26 Jun 2018 3:14

Tgt Ion:240 Resp: 369949
Ion Ratio Lower Upper
240 100
120 5.3 6.8 10.2#
236 26.8 20.9 31.3

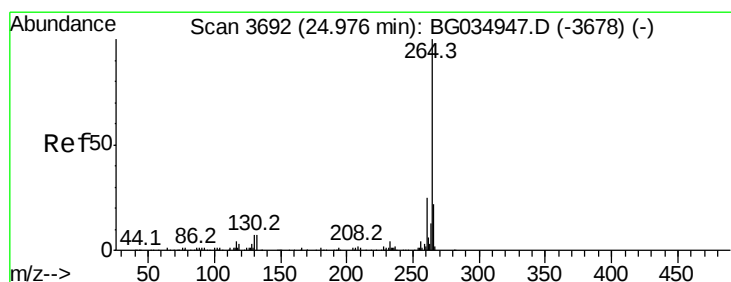
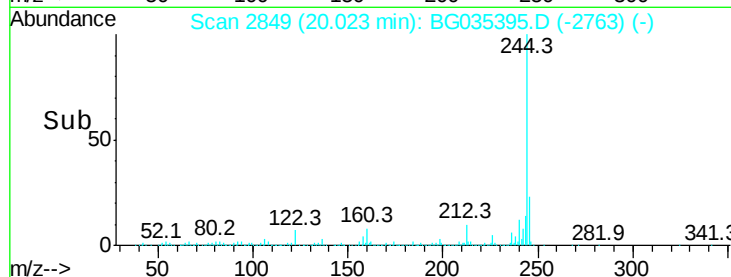
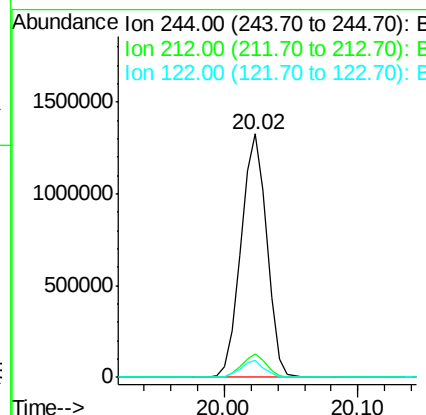
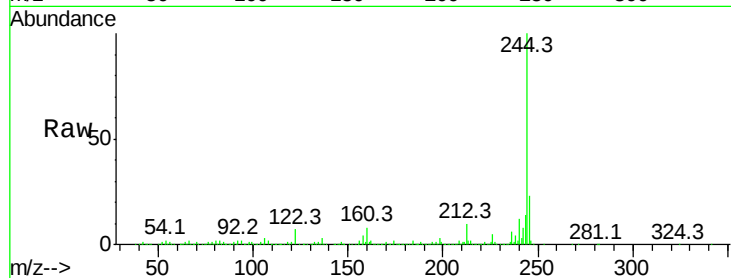




#78
 Terphenyl-d14
 Concen: 100.375 ng
 RT: 20.02 min Scan# 2849
 Delta R.T. -0.02 min
 Lab File: BG035395.D
 Acq: 26 Jun 2018 3:14

Instrument :
 BNA_G
 ClientSampleId :
 RO-1-4

Tot Ion:244 Resp: 1772766
 Ion Ratio Lower Upper
 244 100
 212 9.7 5.8 8.8#
 122 6.8 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3679
 Delta R.T. -0.05 min
 Lab File: BG035395.D
 Acq: 26 Jun 2018 3:14

Tgt Ion:264 Resp: 344564
 Ion Ratio Lower Upper
 264 100
 260 22.4 17.4 26.0
 265 19.9 17.7 26.5

