

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061418\
 Data File : BG035162.D
 Acq On : 15 Jun 2018 7:27
 Operator : SJ/JU
 Sample : J3465-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-A1-WC-1

Quant Time: Jun 15 09:00:10 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	8.06	152	45079	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	175248	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	128463	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	372611	20.00	ng	-0.01
75) Chrysene-d12	21.70	240	404739	20.00	ng	-0.02
86) Perylene-d12	24.92	264	338394	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	334260	125.14	ng	0.00
7) Phenol-d6	7.22	99	450086	114.16	ng	0.00
23) Nitrobenzene-d5	9.23	82	359167	97.42	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	250210	152.15	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	839207	84.92	ng	-0.02
78) Terphenyl-d14	20.03	244	1703398	88.16	ng	-0.01

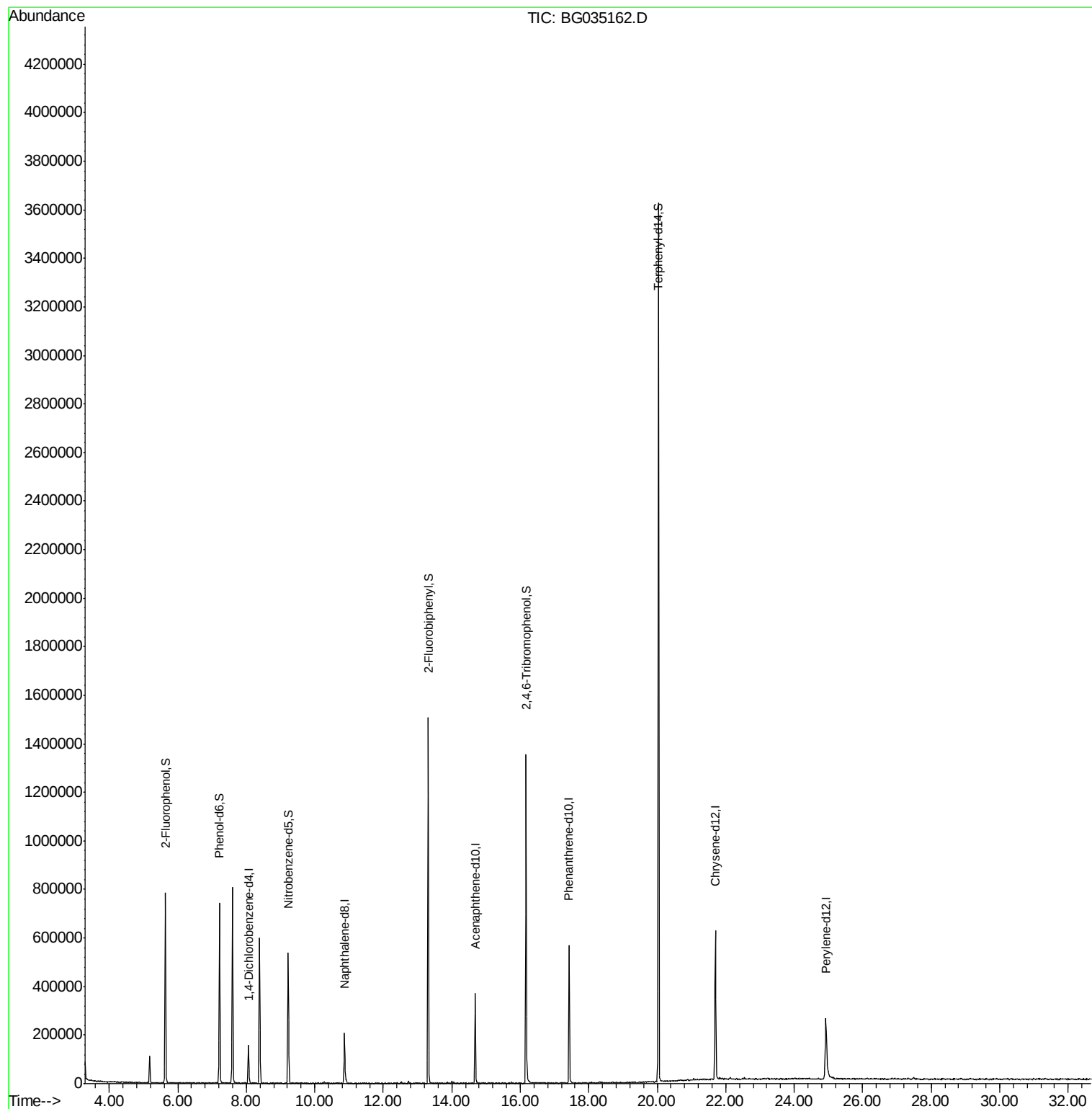
Target Compounds Qvalue

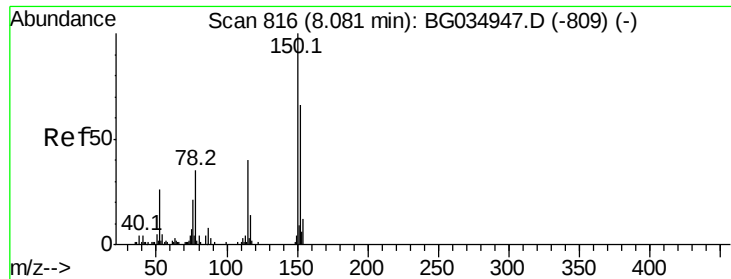
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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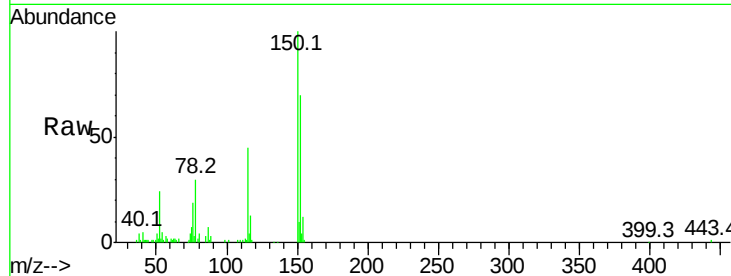


#1

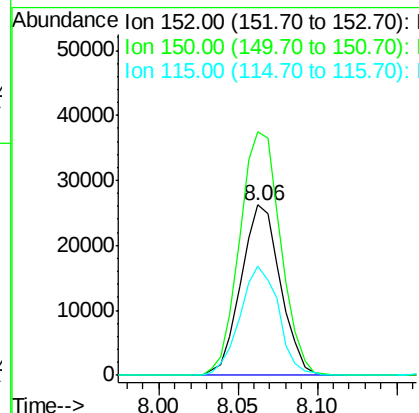
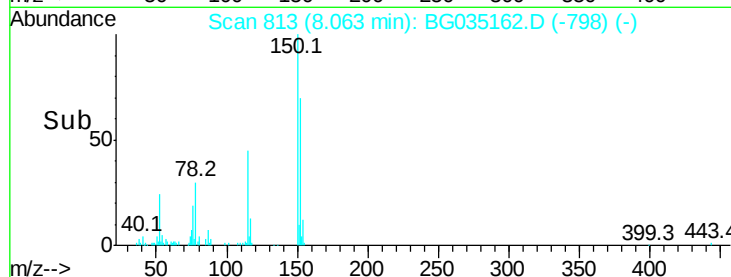
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035162.D
Acq: 15 Jun 2018 7:27

Instrument :
BNA_G
ClientSampleId :
TP-A1-WC-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.1	126.6	189.8
115	64.0	53.0	79.4



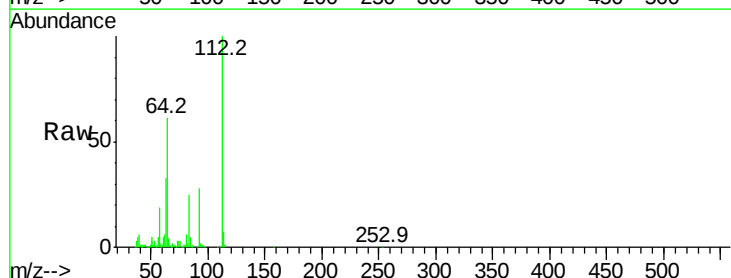
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



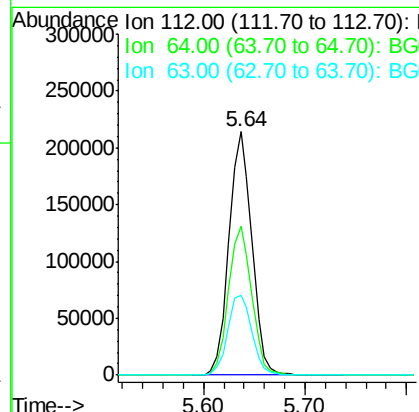
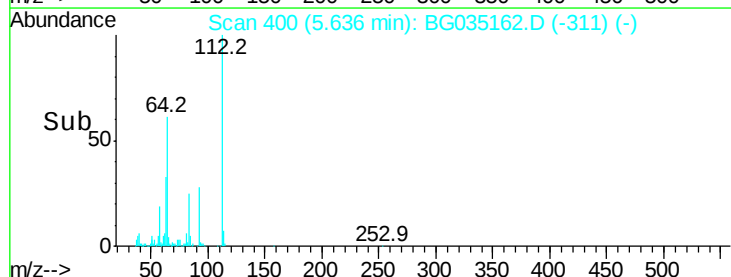
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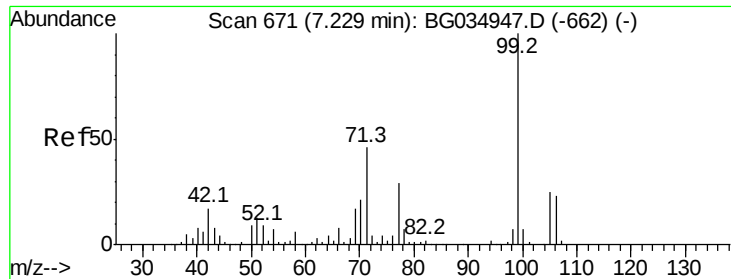
2-Fluorophenol
Concen: 125.136 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035162.D
Acq: 15 Jun 2018 7:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.1	56.3	84.5
63	32.8	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: 114.163 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035162.D

Acq: 15 Jun 2018 7:27

Instrument :

BNA_G

ClientSampleId :

TP-A1-WC-1

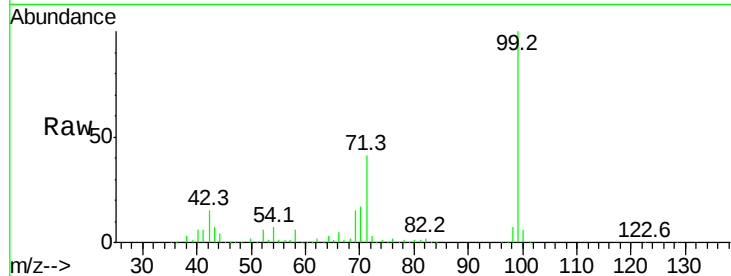
Tot Ion: 99 Resp: 450086

Ion Ratio Lower Upper

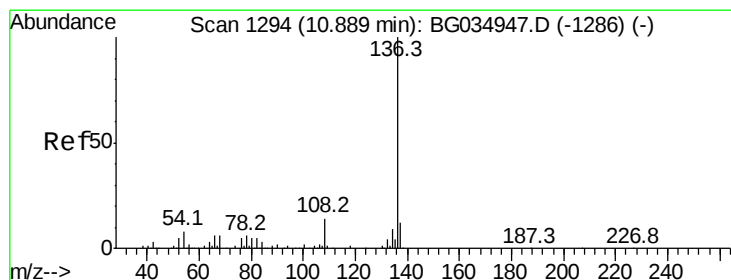
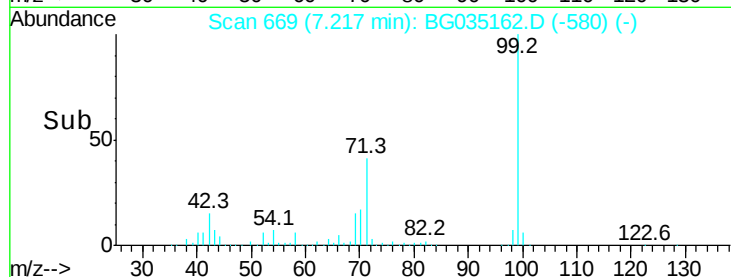
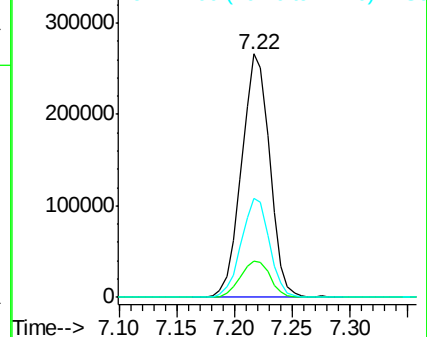
99 100

42 14.8 14.1 21.1

71 40.9 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: 10.86 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035162.D

Acq: 15 Jun 2018 7:27

Tgt Ion: 136 Resp: 175248

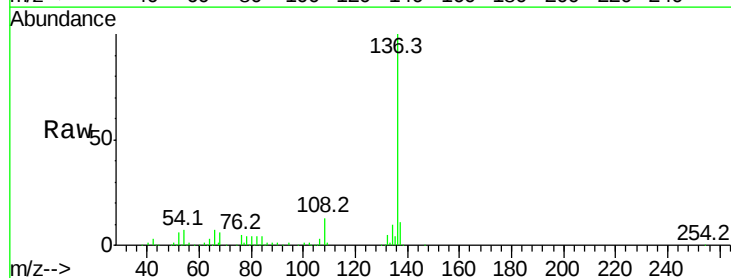
Ion Ratio Lower Upper

136 100

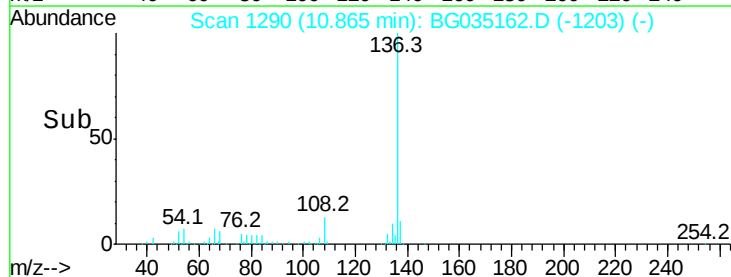
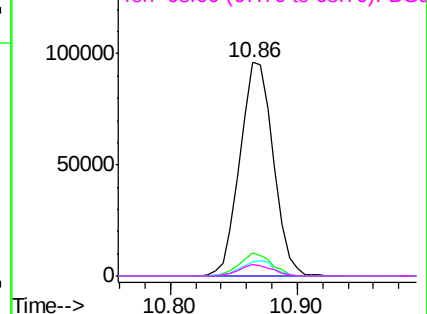
137 10.6 9.2 13.8

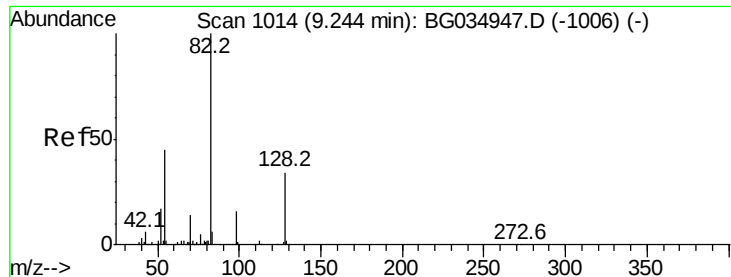
54 6.9 10.3 15.5#

68 5.6 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

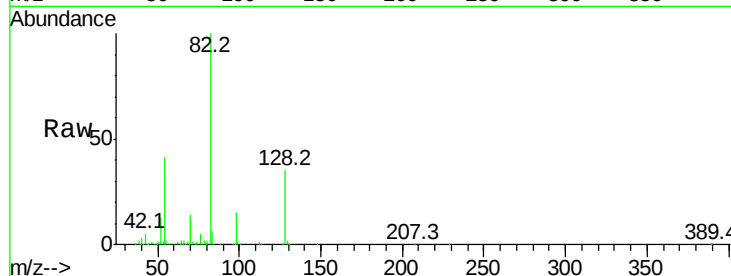




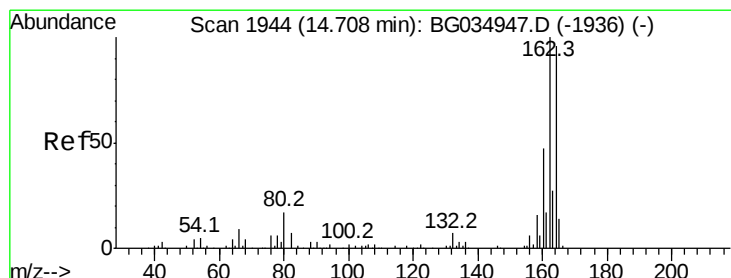
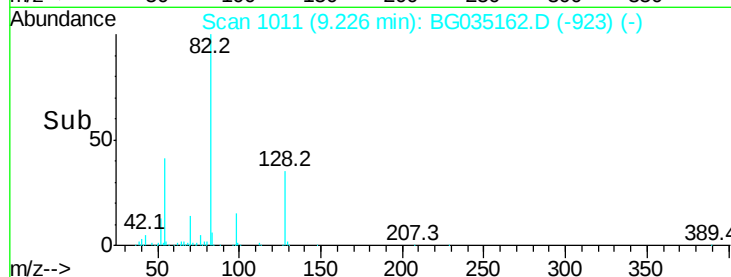
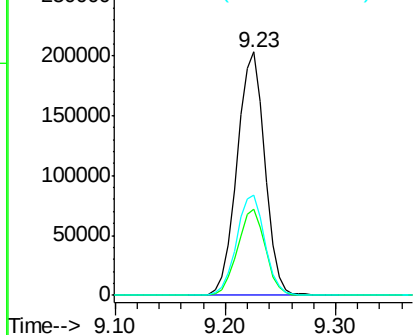
#23
Nitrobenzene-d5
Concen: 97.421 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG035162.D
Acq: 15 Jun 2018 7:27

Instrument :
BNA_G
ClientSampleId :
TP-A1-WC-1

Tot Ion: 82 Resp: 359167
Ion Ratio Lower Upper
82 100
128 35.4 29.7 44.5
54 41.0 43.1 64.7#

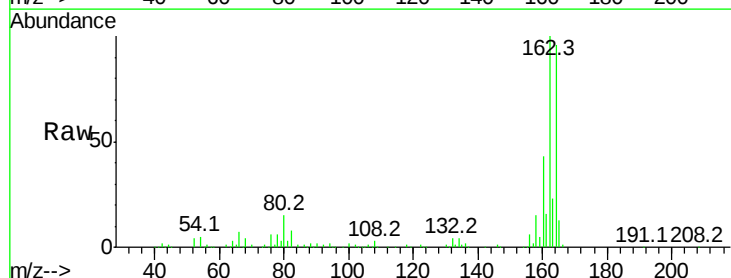


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

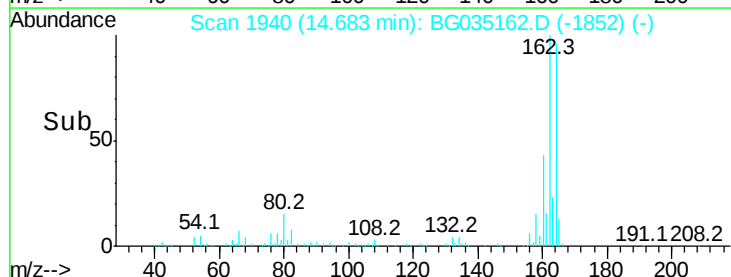
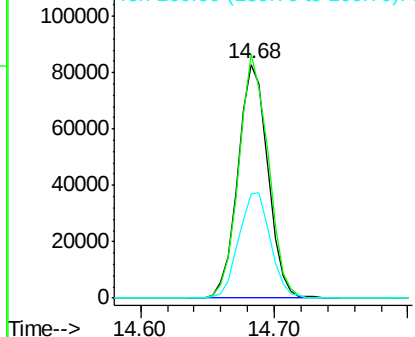


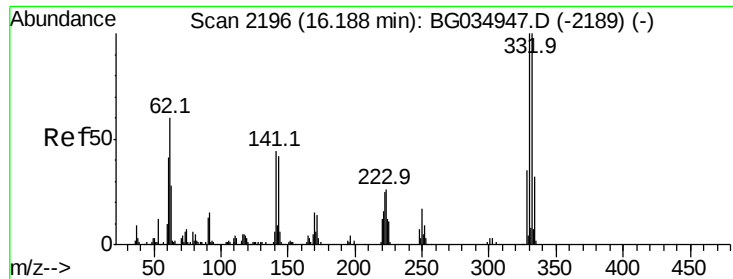
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG035162.D
Acq: 15 Jun 2018 7:27

Tgt Ion:164 Resp: 128463
Ion Ratio Lower Upper
164 100
162 104.1 78.8 118.2
160 44.3 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

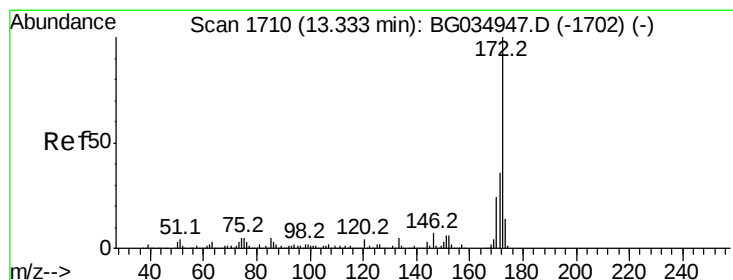
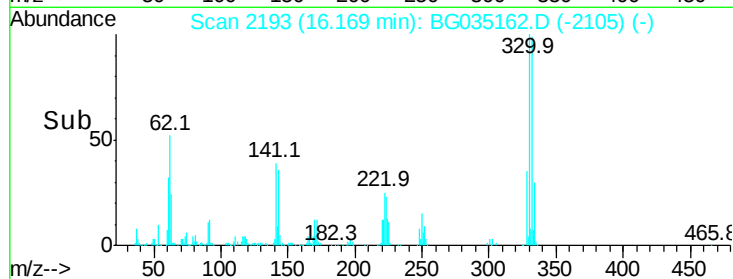
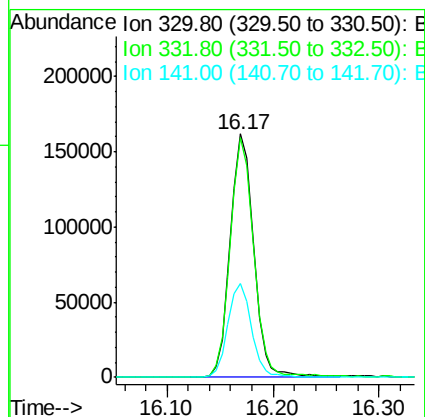
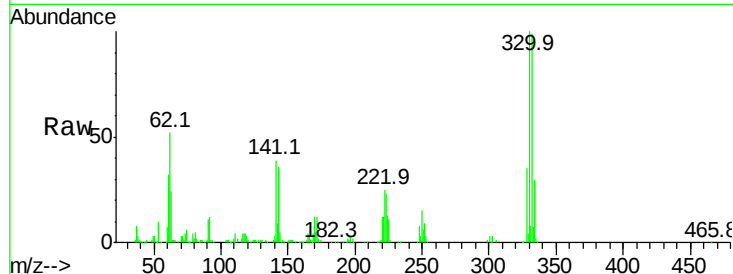




#41
 2,4,6-Tribromophenol
 Concen: 152.151 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035162.D
 Acq: 15 Jun 2018 7:27

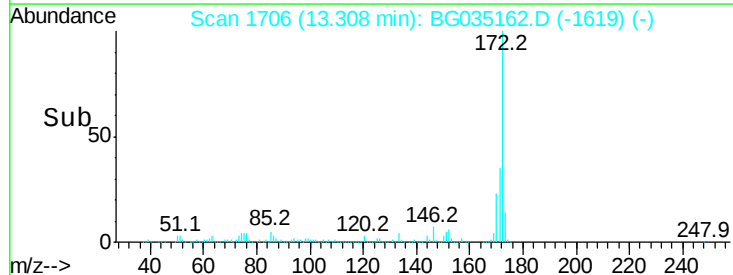
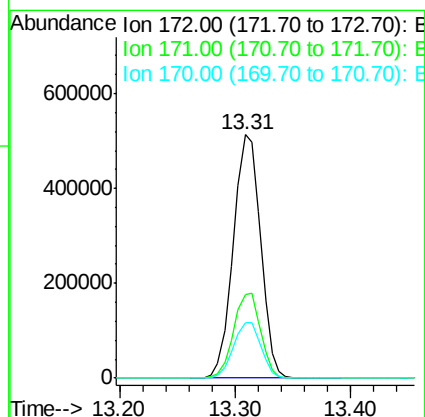
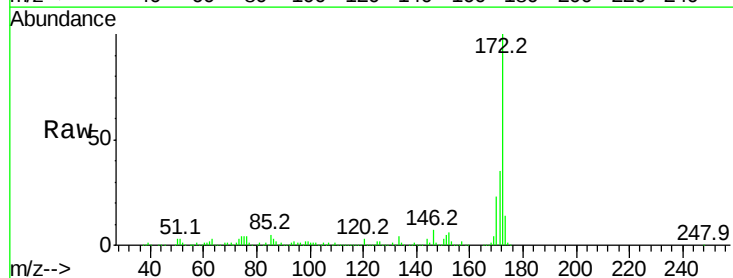
Instrument :
 BNA_G
 ClientSampleId :
 TP-A1-WC-1

Tot Ion:330 Resp: 250210
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.0 115.6
 141 38.8 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 84.925 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035162.D
 Acq: 15 Jun 2018 7:27

Tgt Ion:172 Resp: 839207
 Ion Ratio Lower Upper
 172 100
 171 34.5 30.0 45.0
 170 23.0 19.5 29.3

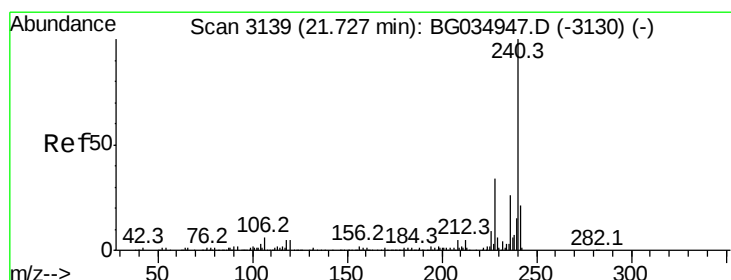
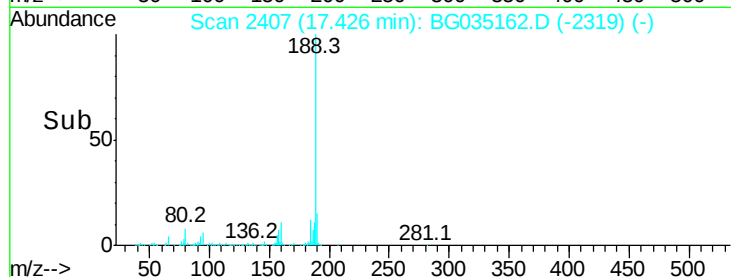
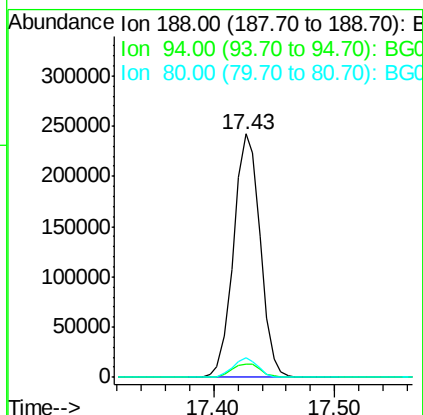
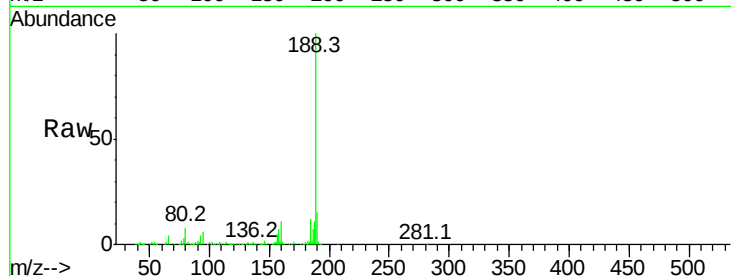




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG035162.D
Acq: 15 Jun 2018 7:27

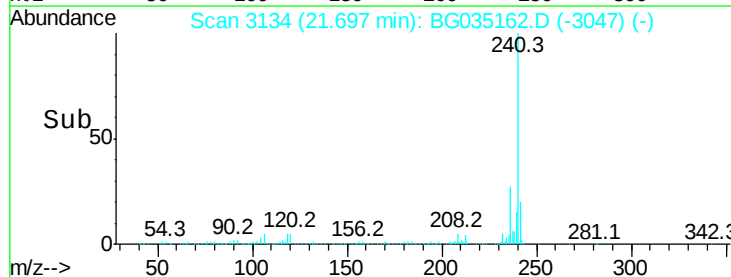
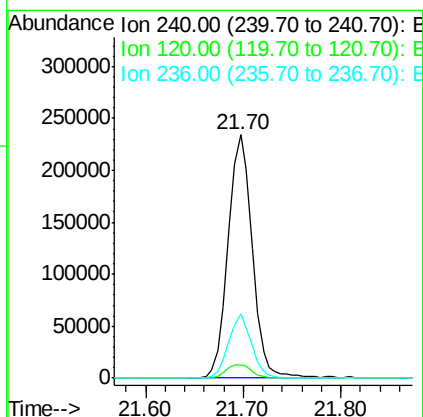
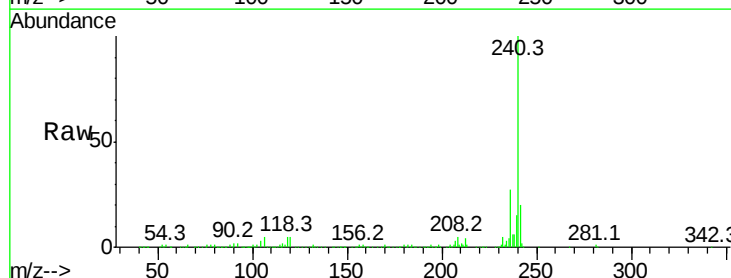
Instrument :
BNA_G
ClientSampleId :
TP-A1-WC-1

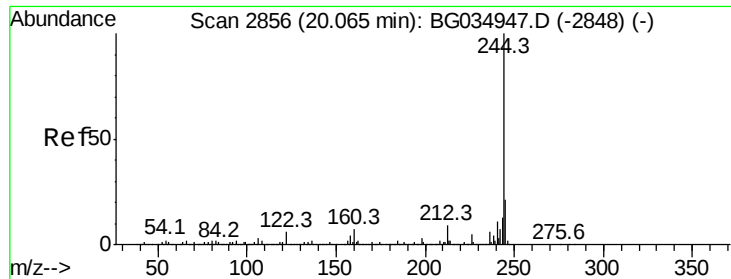
Tot Ion:188 Resp: 372611
Ion Ratio Lower Upper
188 100
94 5.7 6.9 10.3#
80 7.8 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3134
Delta R.T. -0.02 min
Lab File: BG035162.D
Acq: 15 Jun 2018 7:27

Tgt Ion:240 Resp: 404739
Ion Ratio Lower Upper
240 100
120 5.2 6.8 10.2#
236 26.7 20.9 31.3

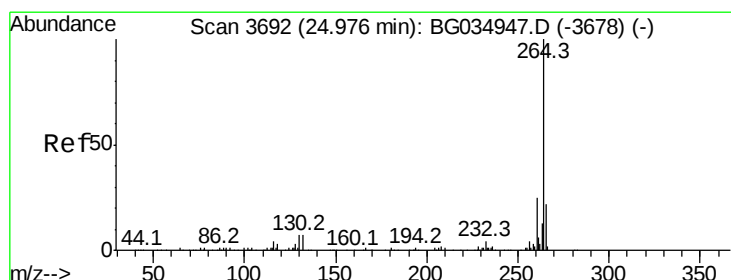
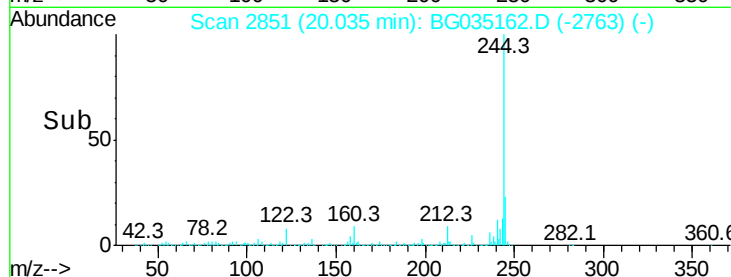
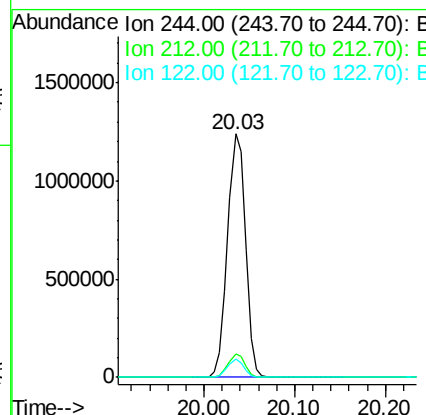
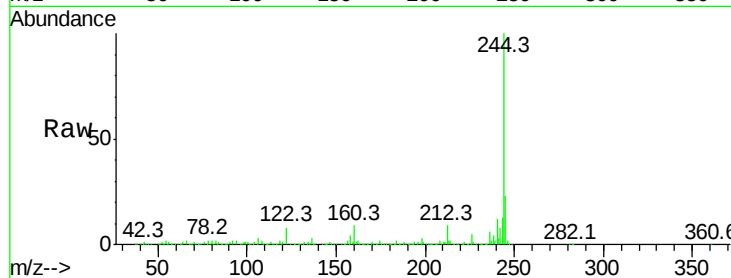




#78
 Terphenyl-d14
 Concen: 88.157 ng
 RT: 20.03 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BG035162.D
 Acq: 15 Jun 2018 7:27

Instrument :
 BNA_G
 ClientSampleId :
 TP-A1-WC-1

Tot Ion:244 Resp: 1703398
 Ion Ratio Lower Upper
 244 100
 212 9.5 5.8 8.8#
 122 7.5 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3683
 Delta R.T. -0.03 min
 Lab File: BG035162.D
 Acq: 15 Jun 2018 7:27

Tgt Ion:264 Resp: 338394
 Ion Ratio Lower Upper
 264 100
 260 20.2 17.4 26.0
 265 19.9 17.7 26.5

