

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070218\
 Data File : BG035560.D
 Acq On : 2 Jul 2018 20:57
 Operator : JU/SJ
 Sample : J3243-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-062918

Quant Time: Jul 03 05:15:07 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	35816	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	129731	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	87104	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	248408	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	289034	20.00	ng	-0.02
86) Perylene-d12	24.92	264	269778	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	317188	149.46	ng	0.00
7) Phenol-d6	7.23	99	422976	135.03	ng	0.00
23) Nitrobenzene-d5	9.23	82	319200	116.96	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	221827	198.94	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	676001	100.89	ng	-0.02
78) Terphenyl-d14	20.03	244	1456002	105.52	ng	-0.02

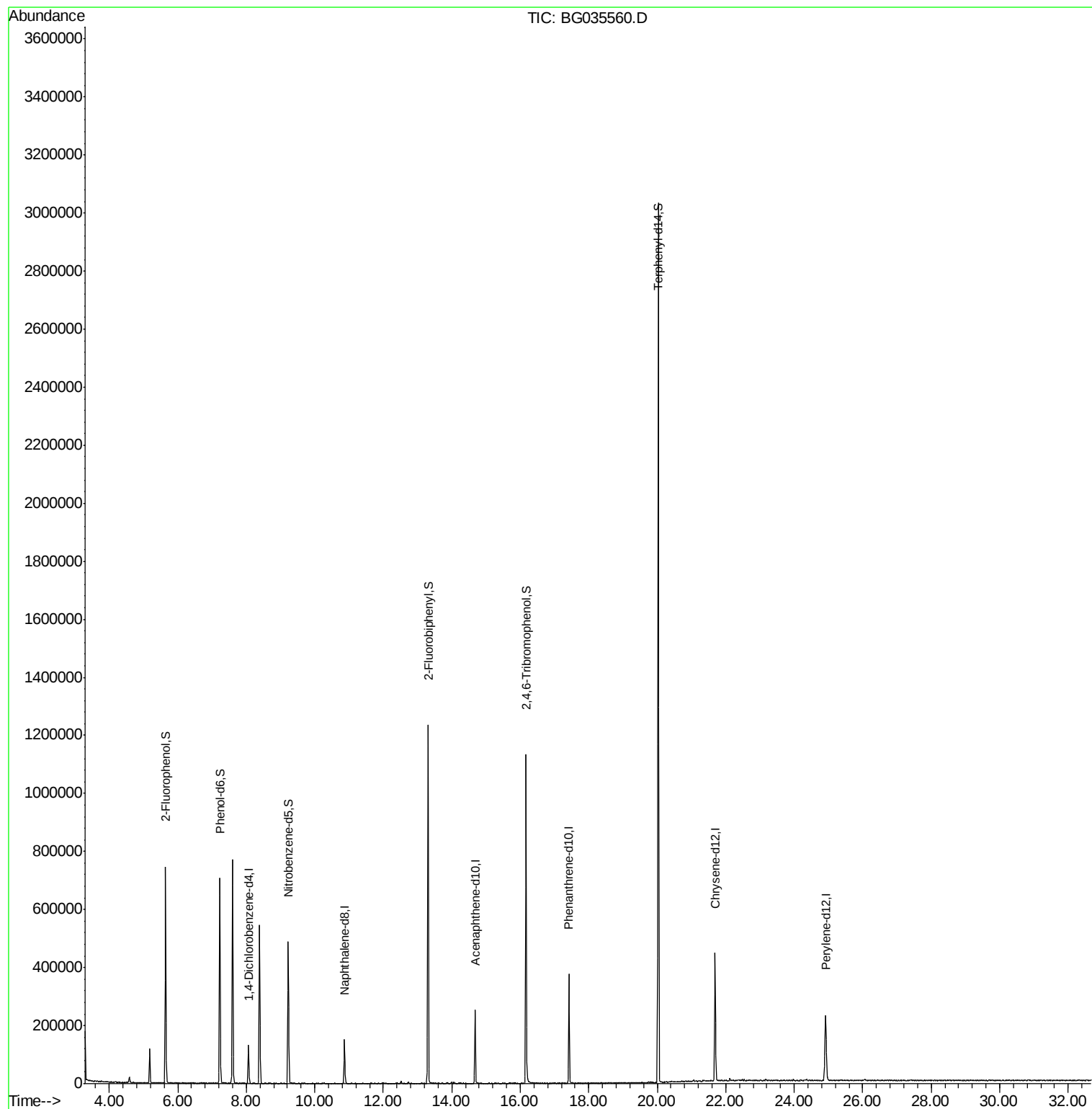
Target Compounds Qvalue

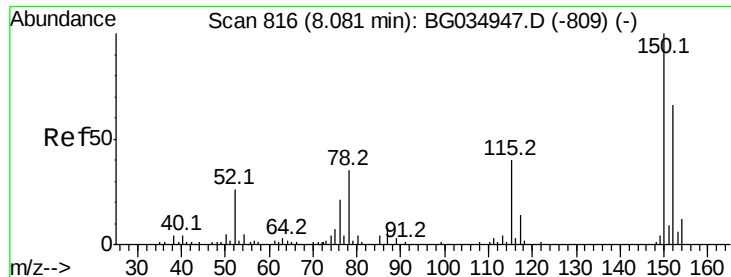
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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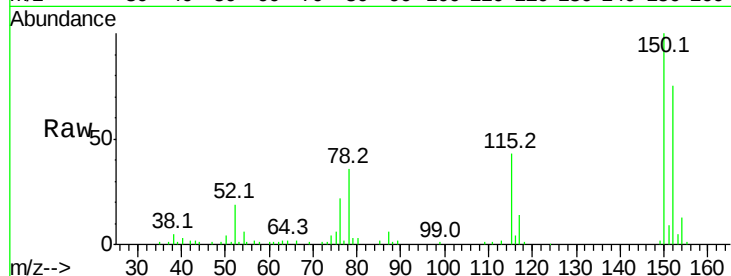


#1

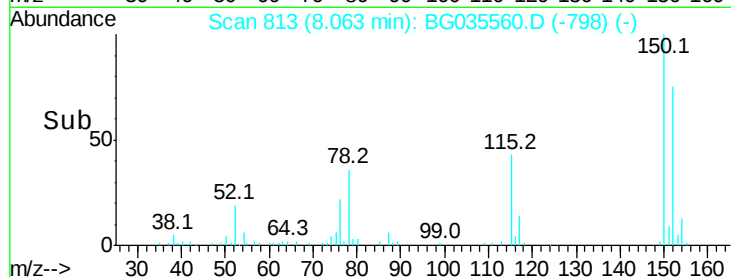
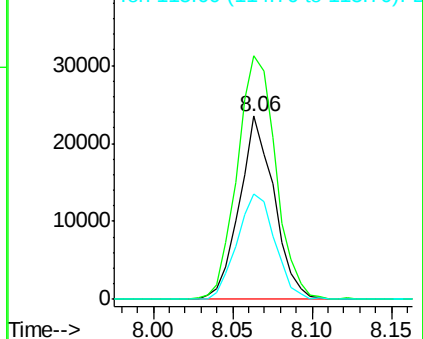
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035560.D
Acq: 2 Jul 2018 20:57

Instrument :
BNA_G
ClientSampleId :
NB-08-062918

Tot Ion:152 Resp: 35816
Ion Ratio Lower Upper
152 100
150 132.8 126.6 189.8
115 57.4 53.0 79.4



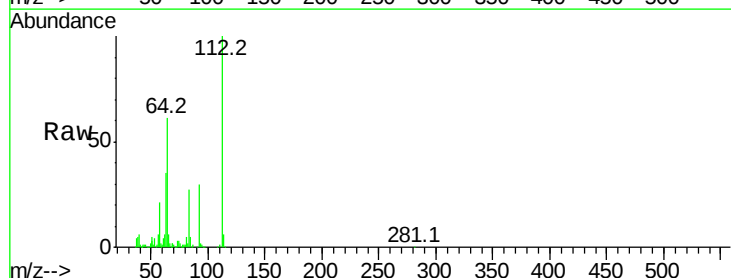
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



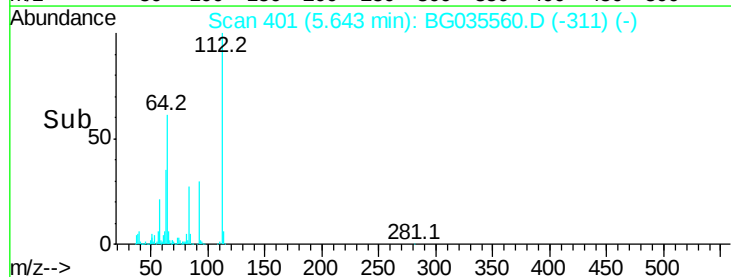
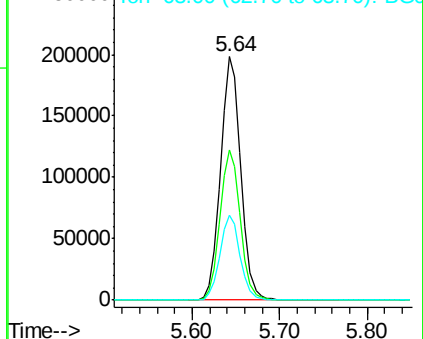
#5

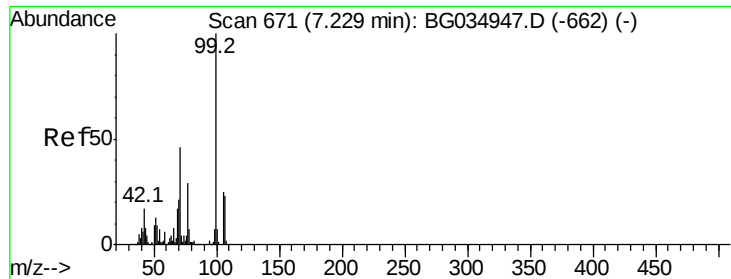
2-Fluorophenol
Concen: 149.455 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG035560.D
Acq: 2 Jul 2018 20:57

Tgt Ion:112 Resp: 317188
Ion Ratio Lower Upper
112 100
64 61.5 56.3 84.5
63 34.7 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: 135.033 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG035560.D

Acq: 2 Jul 2018 20:57

Instrument :

BNA_G

ClientSampleId :

NB-08-062918

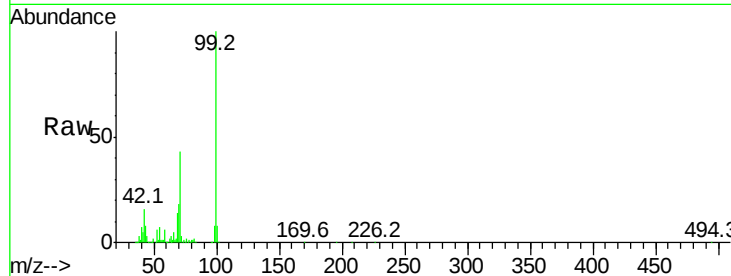
Tot Ion: 99 Resp: 422976

Ion Ratio Lower Upper

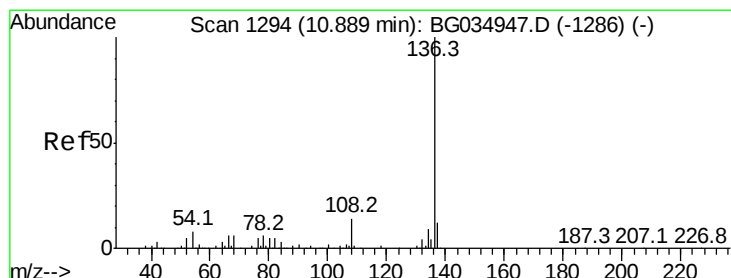
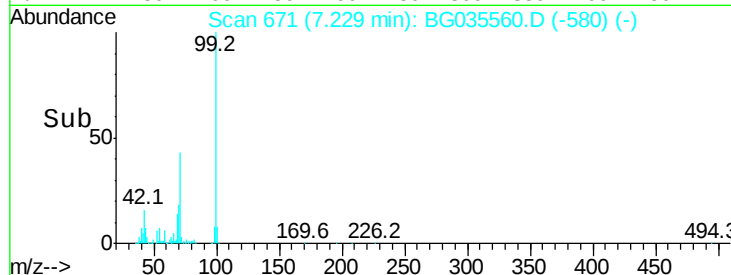
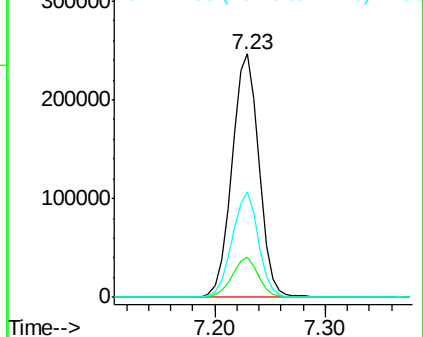
99 100

42 16.4 14.1 21.1

71 43.4 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: 10.87 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035560.D

Acq: 2 Jul 2018 20:57

Tgt Ion: 136 Resp: 129731

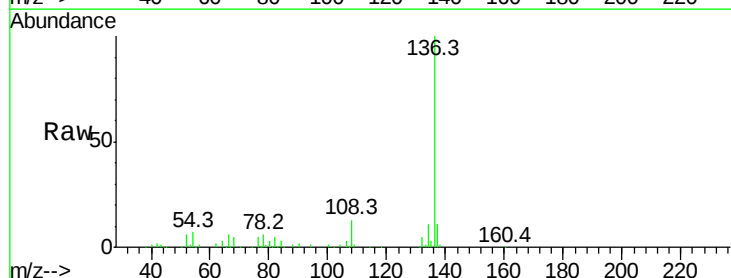
Ion Ratio Lower Upper

136 100

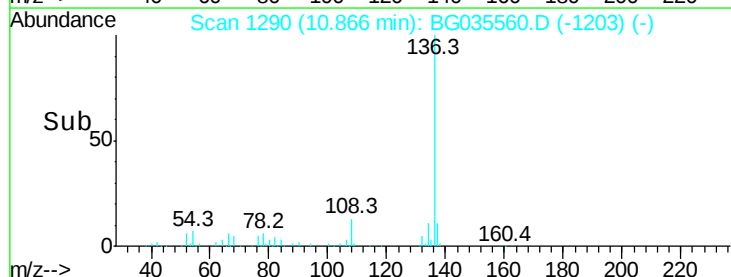
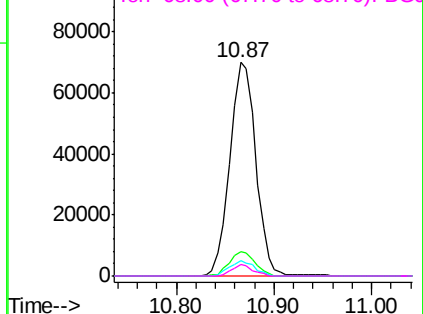
137 11.2 9.2 13.8

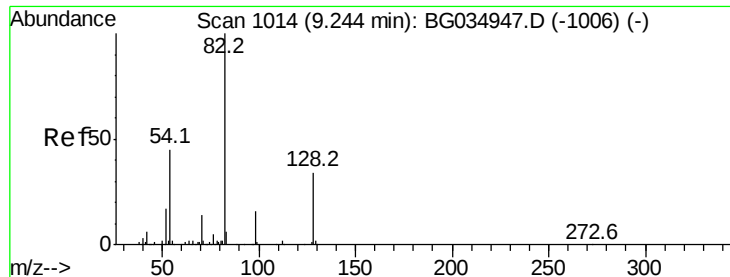
54 7.3 10.3 15.5#

68 5.2 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

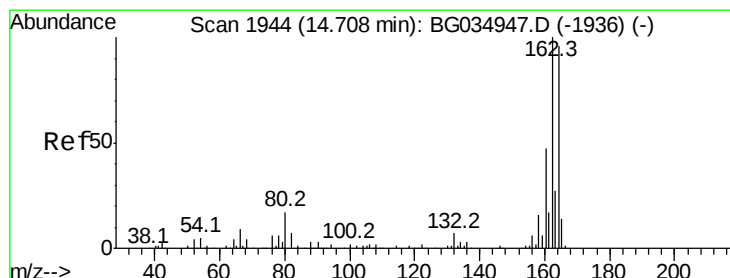
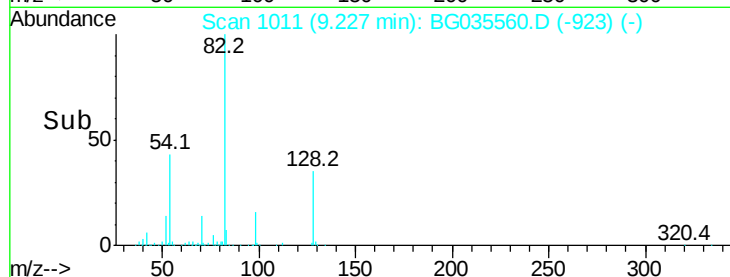
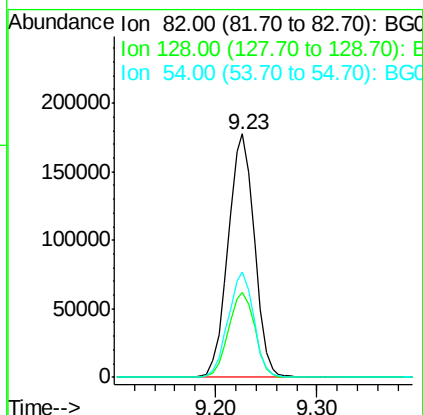
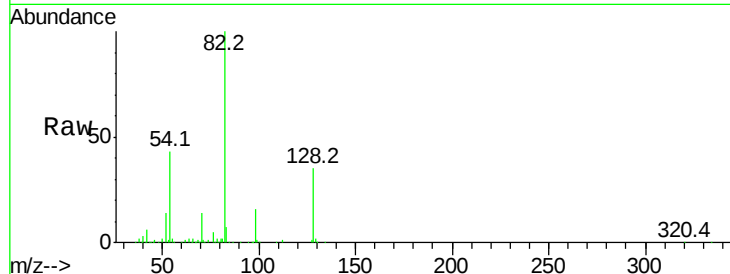




#23
Nitrobenzene-d5
Concen: 116.957 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG035560.D
Acq: 2 Jul 2018 20:57

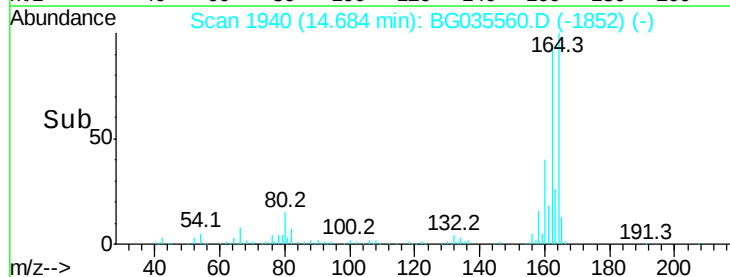
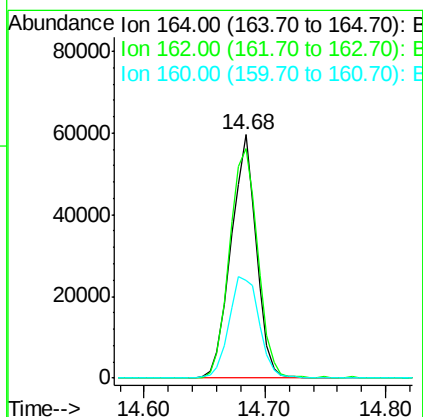
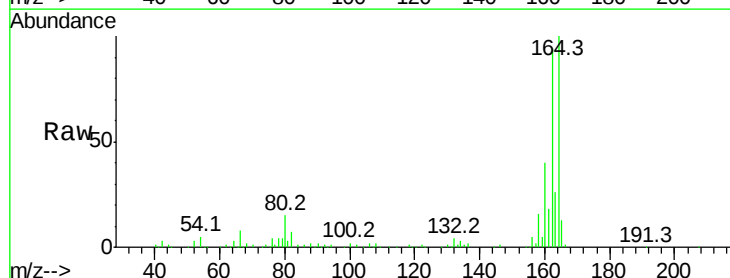
Instrument :
BNA_G
ClientSampleId :
NB-08-062918

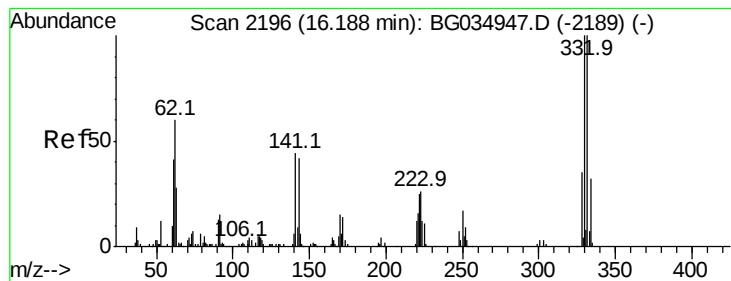
Tot Ion: 82 Resp: 319200
Ion Ratio Lower Upper
82 100
128 35.0 29.7 44.5
54 43.1 43.1 64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG035560.D
Acq: 2 Jul 2018 20:57

Tgt Ion: 164 Resp: 87104
Ion Ratio Lower Upper
164 100
162 94.2 78.8 118.2
160 40.3 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 198.941 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG035560.D

Acq: 2 Jul 2018 20:57

Instrument :

BNA_G

ClientSampleId :

NB-08-062918

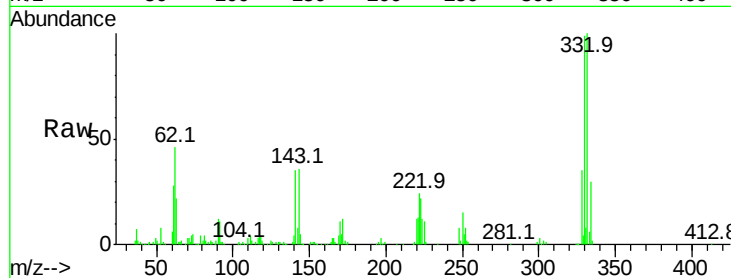
Tot Ion:330 Resp: 221827

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

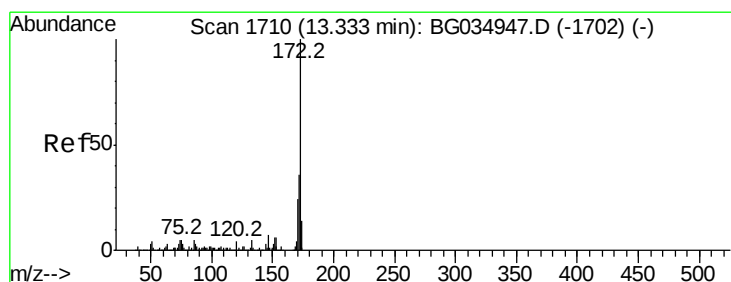
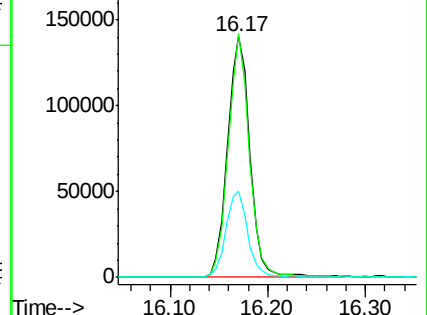
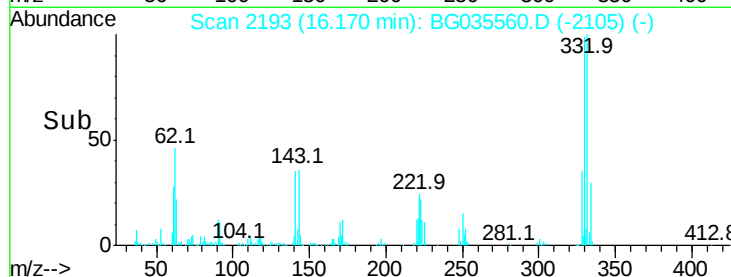
141 35.4 25.2 37.8



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: 100.891 ng

RT: 13.31 min Scan# 1706

Delta R.T. -0.02 min

Lab File: BG035560.D

Acq: 2 Jul 2018 20:57

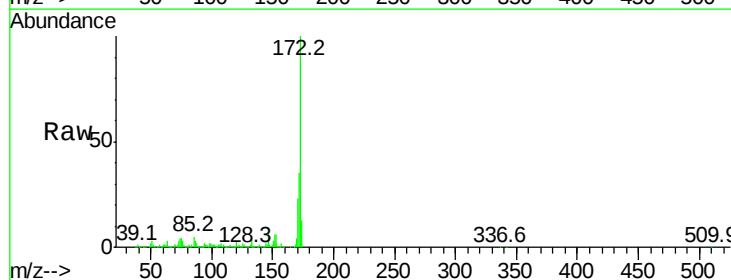
Tgt Ion:172 Resp: 676001

Ion Ratio Lower Upper

172 100

171 35.1 30.0 45.0

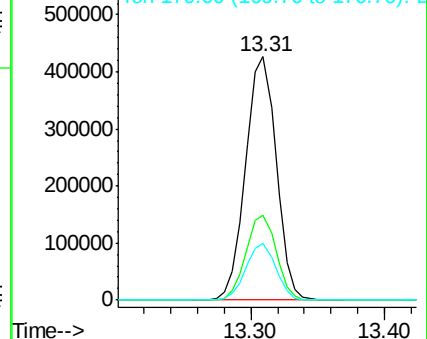
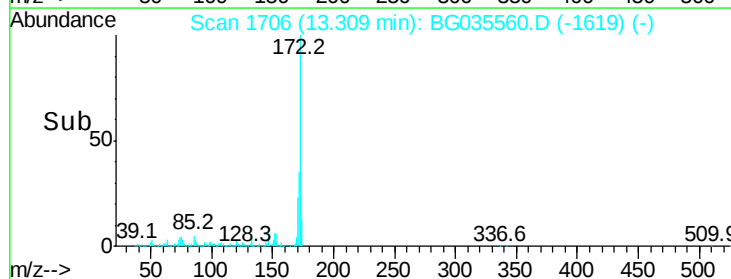
170 23.5 19.5 29.3

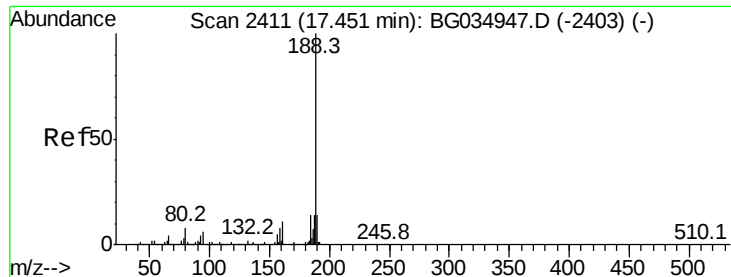


Abundance Ion 172.00 (171.70 to 172.70): E

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# 2406

Delta R.T. -0.02 min

Lab File: BG035560.D

Acq: 2 Jul 2018 20:57

Instrument :

BNA_G

ClientSampleId :

NB-08-062918

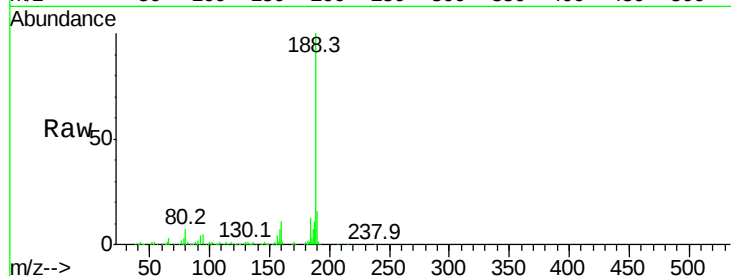
Tot Ion:188 Resp: 248408

Ion Ratio Lower Upper

188 100

94 5.2 6.9 10.3#

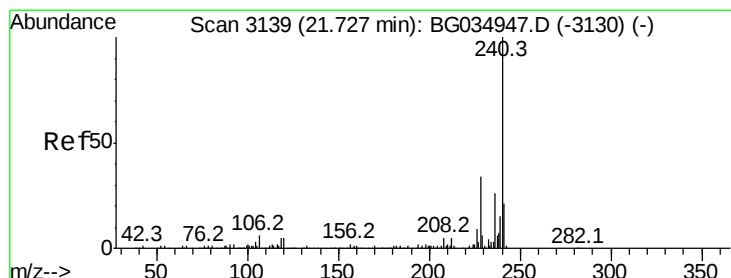
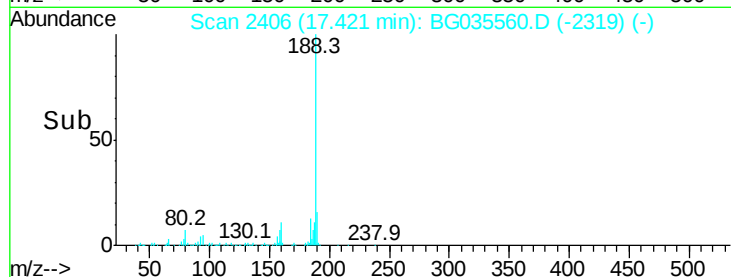
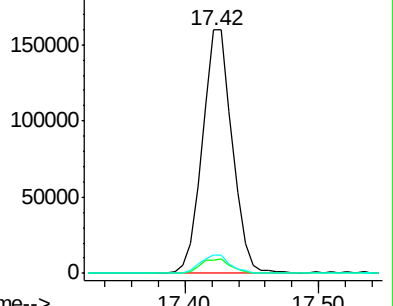
80 7.3 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG035560.D

Acq: 2 Jul 2018 20:57

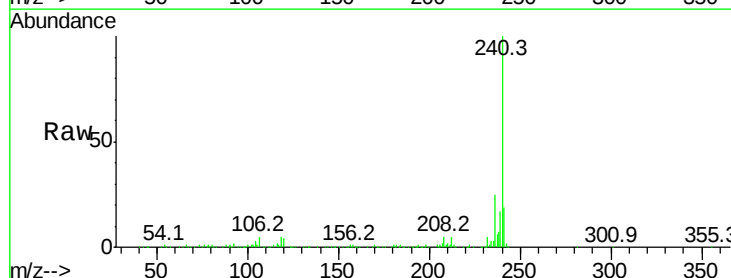
Tgt Ion:240 Resp: 289034

Ion Ratio Lower Upper

240 100

120 4.5 6.8 10.2#

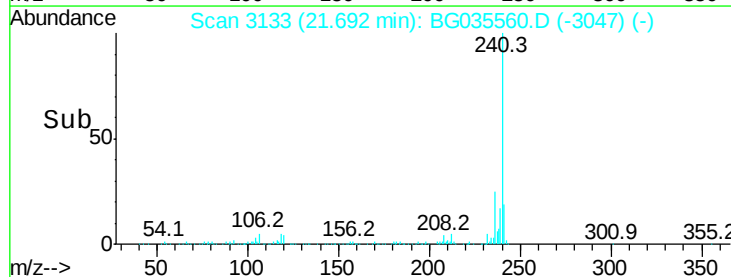
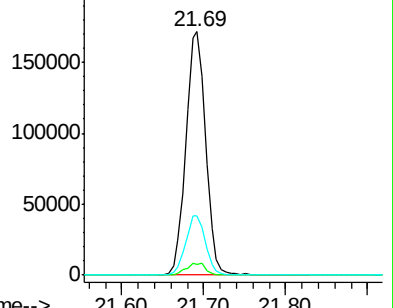
236 24.6 20.9 31.3



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: 105.519 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035560.D

Acq: 2 Jul 2018 20:57

Instrument :

BNA_G

ClientSampleId :

NB-08-062918

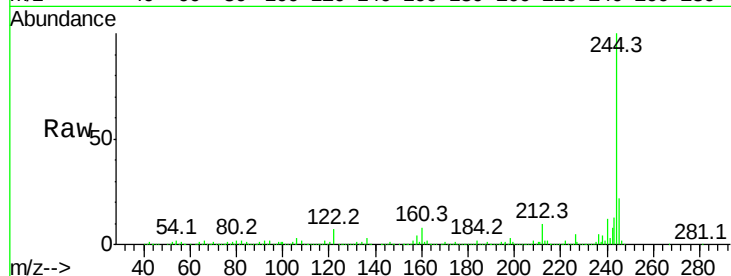
Tot Ion:244 Resp: 1456002

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

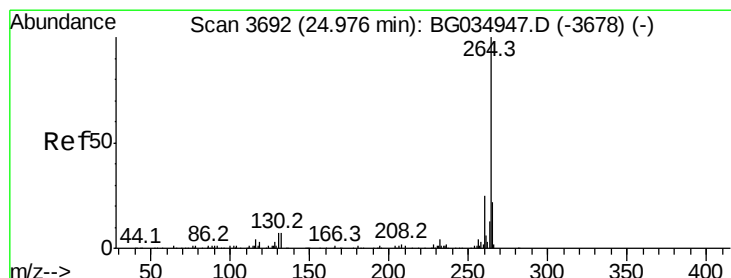
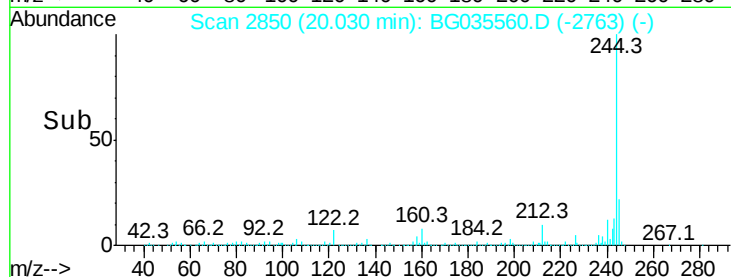
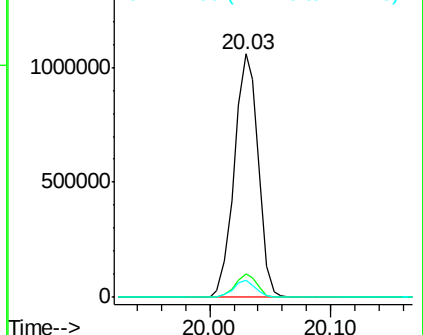
122 7.1 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3682

Delta R.T. -0.04 min

Lab File: BG035560.D

Acq: 2 Jul 2018 20:57

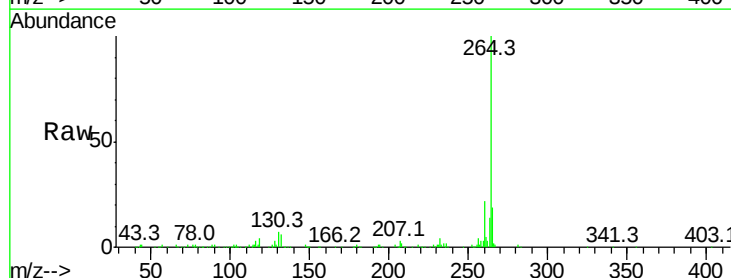
Tgt Ion:264 Resp: 269778

Ion Ratio Lower Upper

264 100

260 21.8 17.4 26.0

265 18.8 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

