

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070717\
 Data File : BG027876.D
 Acq On : 7 Jul 2017 19:58
 Operator : SJ/JU
 Sample : I4063-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-01-070517-B

Quant Time: Jul 08 03:36:29 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 17:43:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	37140	20.00	ng	0.00
21) Naphthalene-d8	11.25	136	162445	20.00	ng	0.00
38) Acenaphthene-d10	15.03	164	87635	20.00	ng	0.00
63) Phenanthrene-d10	17.78	188	227817	20.00	ng	0.00
75) Chrysene-d12	22.12	240	277135	20.00	ng	0.00
86) Perylene-d12	25.69	264	265267	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.01	112	342682	142.08	ng	0.00
7) Phenol-d6	7.58	99	419836	113.95	ng	0.00
23) Nitrobenzene-d5	9.60	82	258024	88.54	ng	0.00
41) 2,4,6-Tribromophenol	16.51	330	235082	195.57	ng	0.00
44) 2-Fluorobiphenyl	13.65	172	665834	108.51	ng	0.00
78) Terphenyl-d14	20.36	244	1319886	111.65	ng	0.00

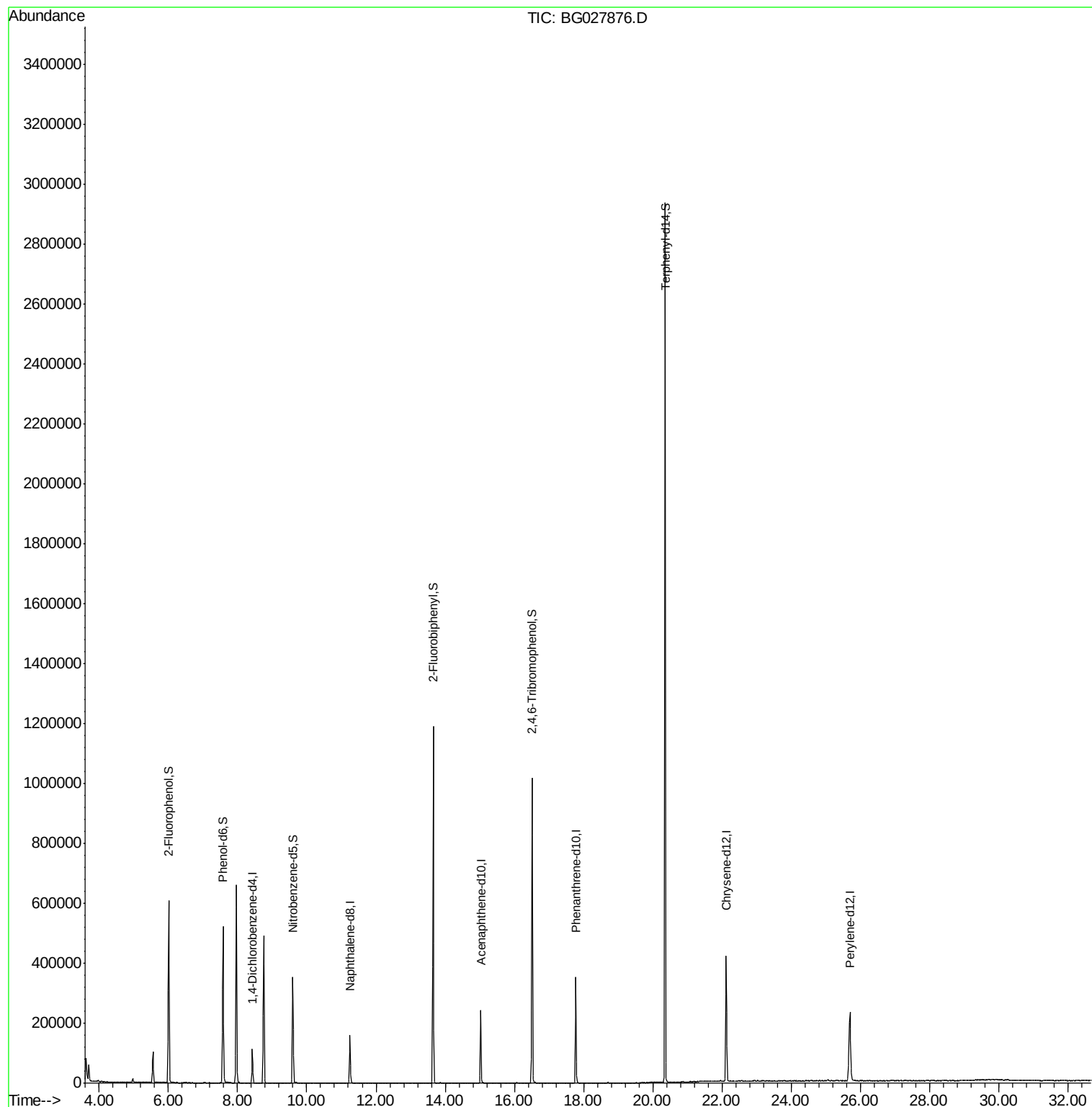
Target Compounds	Qvalue
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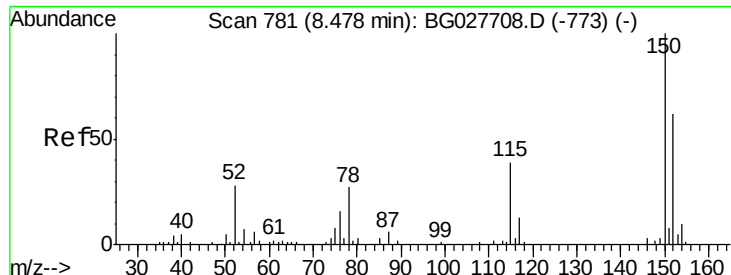
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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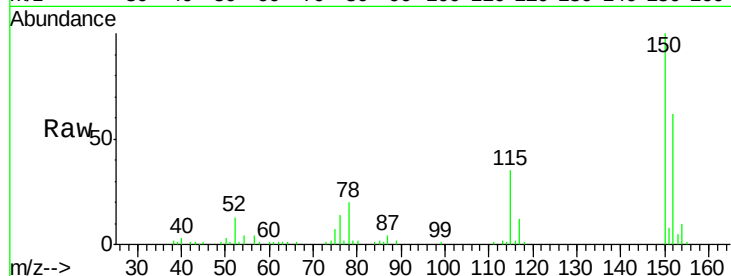


#1

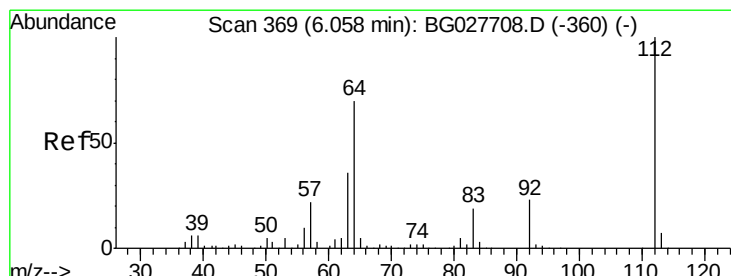
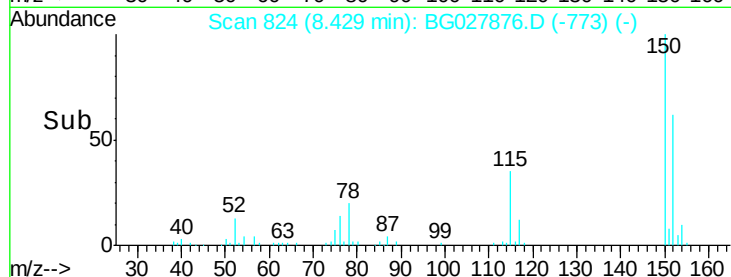
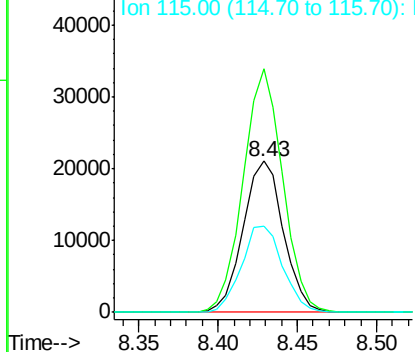
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.43 min Scan# 824
Delta R.T. 0.00 min
Lab File: BG027876.D
Acq: 7 Jul 2017 19:58

Instrument :
BNA_G
ClientSampleId :
NB-01-070517-B

Tgt Ion:152 Resp: 37140
Ion Ratio Lower Upper
152 100
150 161.1 114.0 171.0
115 57.0 48.1 72.1



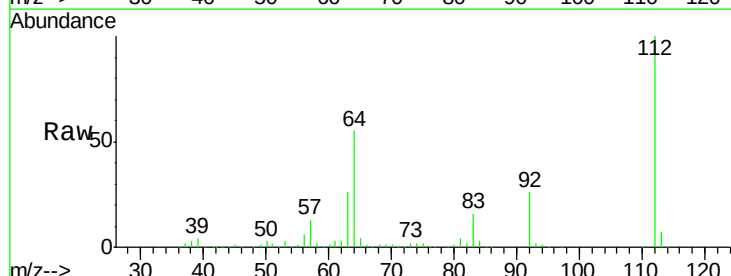
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



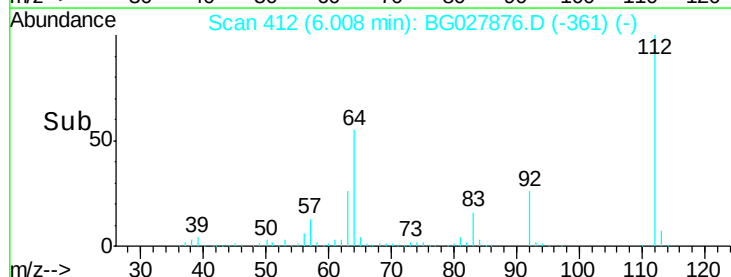
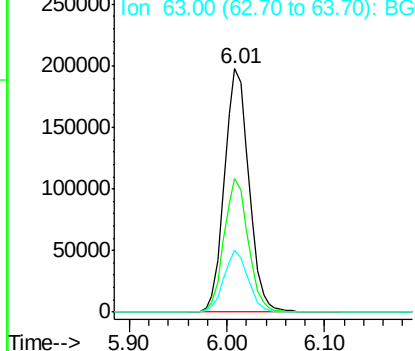
#5

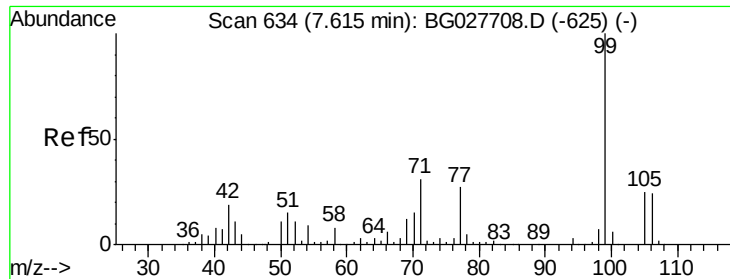
2-Fluorophenol
Concen: 142.084 ng
RT: 6.01 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG027876.D
Acq: 7 Jul 2017 19:58

Tgt Ion:112 Resp: 342682
Ion Ratio Lower Upper
112 100
64 54.6 61.8 92.6#
63 25.5 37.2 55.8#



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: 113.945 ng

RT: 7.58 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG027876.D

Acq: 7 Jul 2017 19:58

Instrument :

BNA_G

ClientSampleId :

NB-01-070517-B

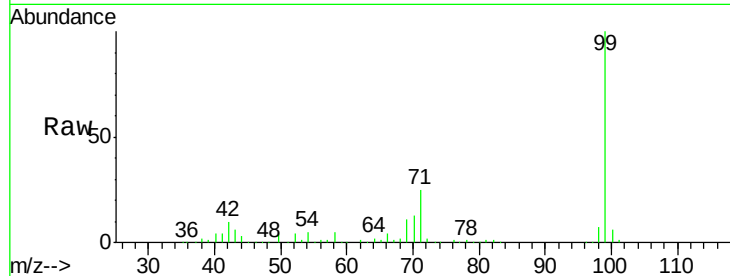
Tgt Ion: 99 Resp: 419836

Ion Ratio Lower Upper

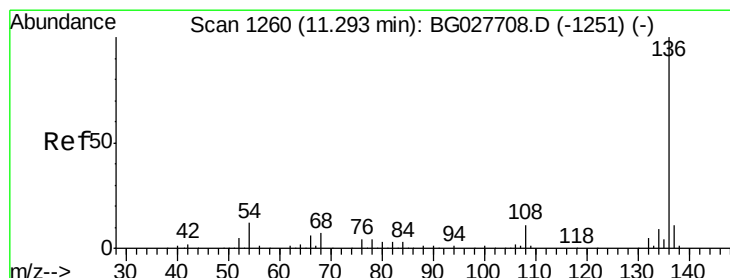
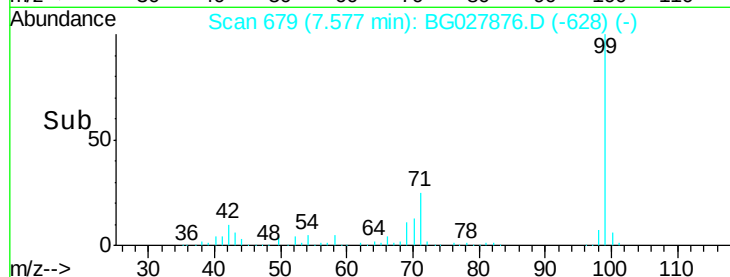
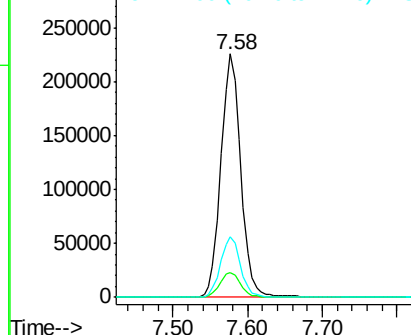
99 100

42 10.3 20.5 30.7#

71 24.9 37.6 56.4#



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: 11.25 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BG027876.D

Acq: 7 Jul 2017 19:58

Tgt Ion: 136 Resp: 162445

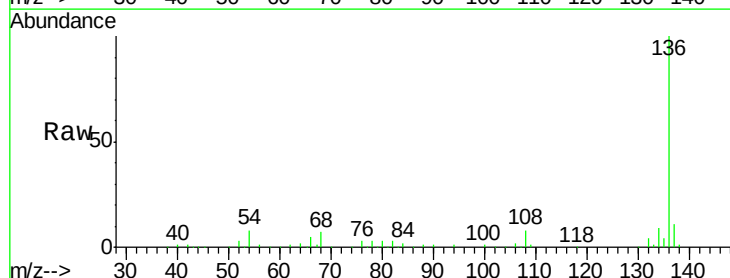
Ion Ratio Lower Upper

136 100

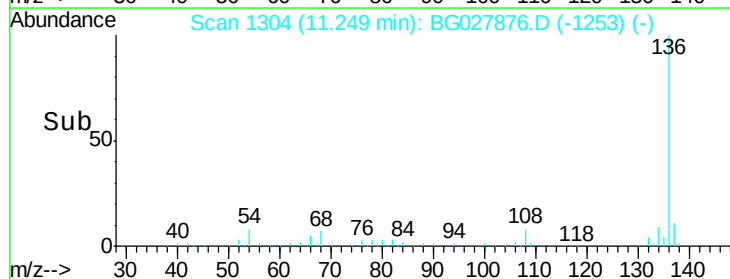
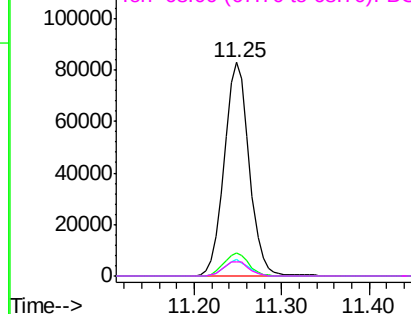
137 10.8 8.9 13.3

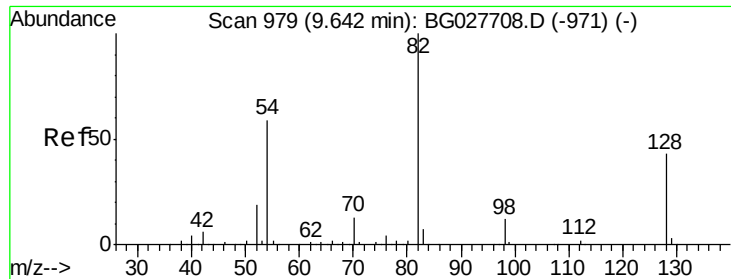
54 7.9 9.3 13.9#

68 6.8 5.1 7.7



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

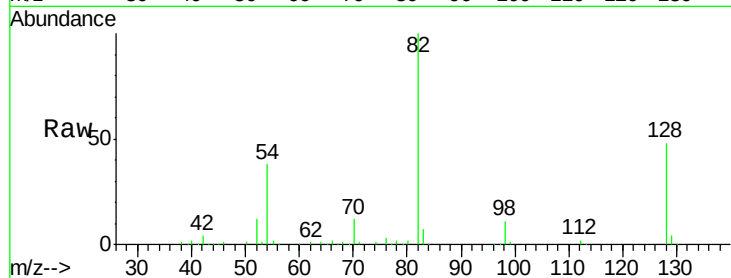




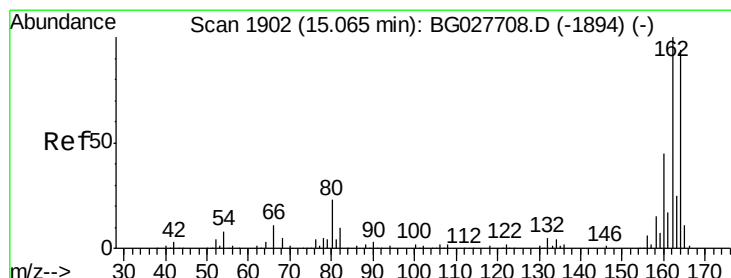
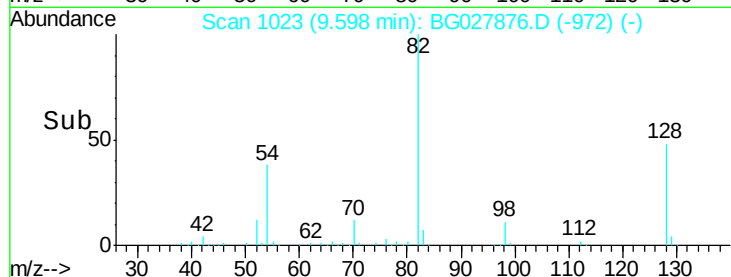
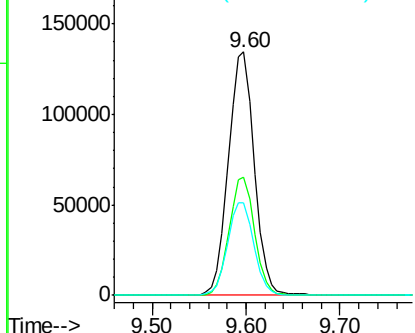
#23
Nitrobenzene-d5
Concen: 88.537 ng
RT: 9.60 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BG027876.D
Acq: 7 Jul 2017 19:58

Instrument :
BNA_G
ClientSampleId :
NB-01-070517-B

Tgt Ion: 82 Resp: 258024
Ion Ratio Lower Upper
82 100
128 48.4 26.4 39.6#
54 38.2 49.4 74.2#

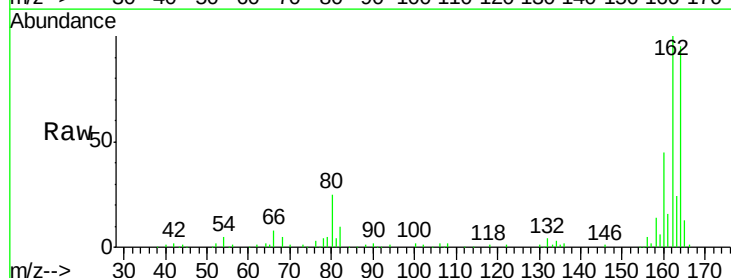


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

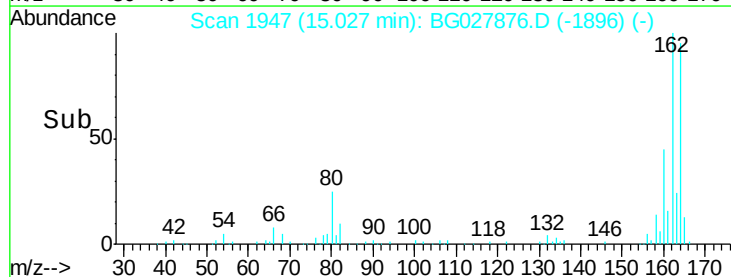
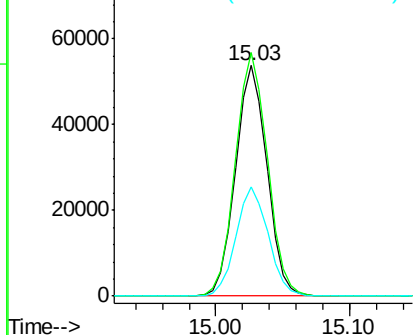


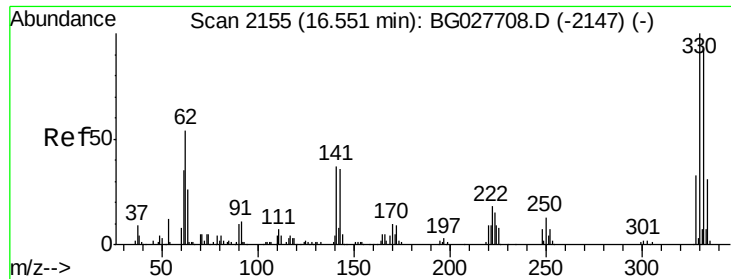
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.03 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BG027876.D
Acq: 7 Jul 2017 19:58

Tgt Ion: 164 Resp: 87635
Ion Ratio Lower Upper
164 100
162 105.6 85.1 127.7
160 47.5 34.7 52.1



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

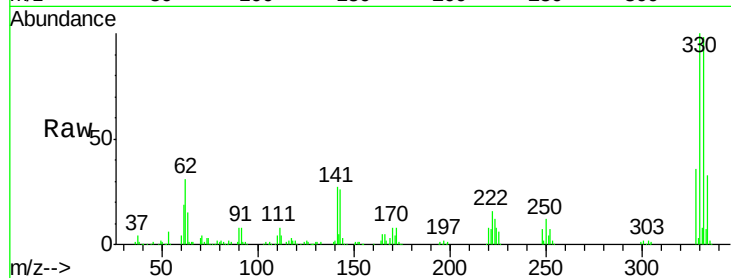




#41
 2,4,6-Tribromophenol
 Concen: 195.574 ng
 RT: 16.51 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG027876.D
 Acq: 7 Jul 2017 19:58

Instrument :
 BNA_G
 ClientSampleId :
 NB-01-070517-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	27.9	32.1	48.1#

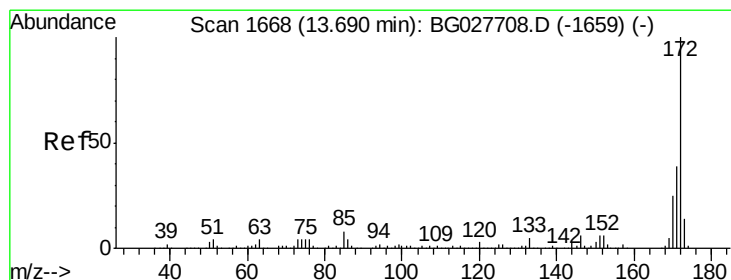
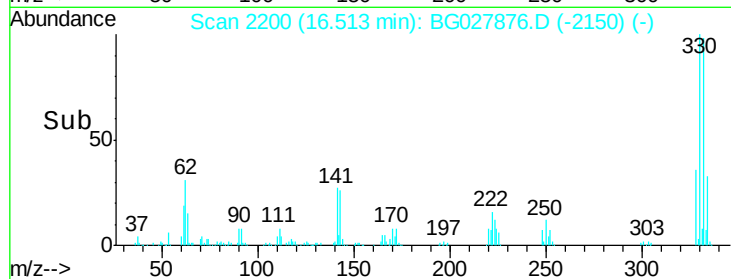
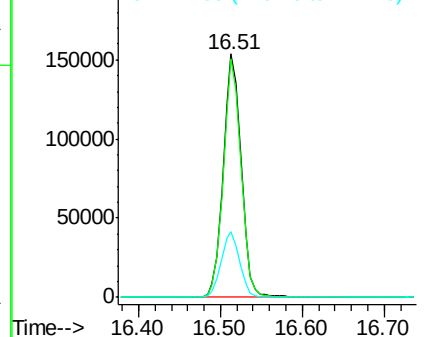


Abundance

Ion 329.80 (329.50 to 330.50): E

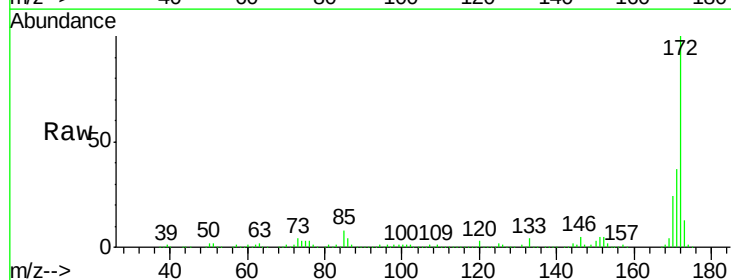
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 108.510 ng
 RT: 13.65 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG027876.D
 Acq: 7 Jul 2017 19:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	32.2	48.2
170	24.0	21.8	32.6

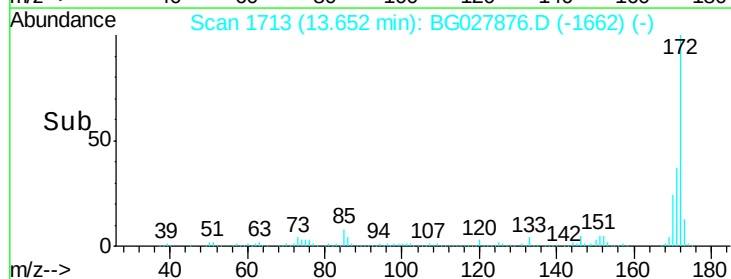
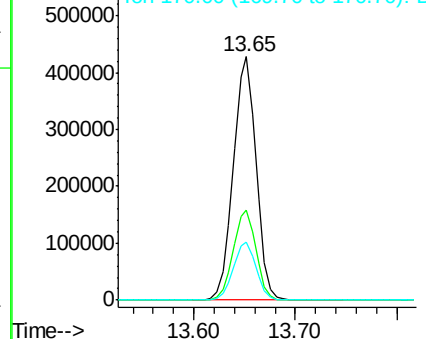


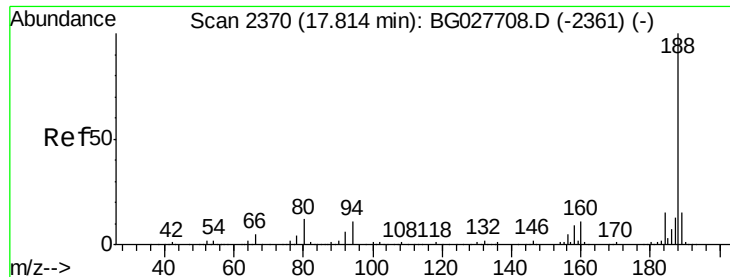
Abundance

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: 17.78 min Scan# 2415

Delta R.T. 0.00 min

Lab File: BG027876.D

Acq: 7 Jul 2017 19:58

Instrument :

BNA_G

ClientSampleId :

NB-01-070517-B

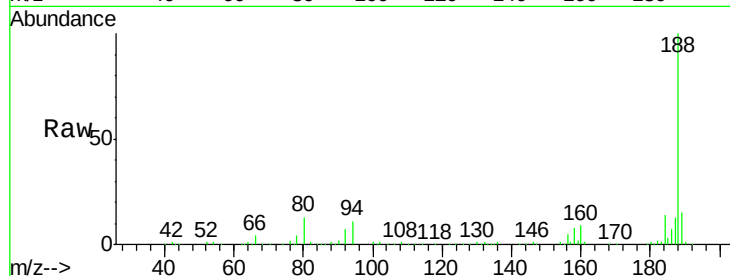
Tgt Ion:188 Resp: 227817

Ion Ratio Lower Upper

188 100

94 11.3 5.8 8.8#

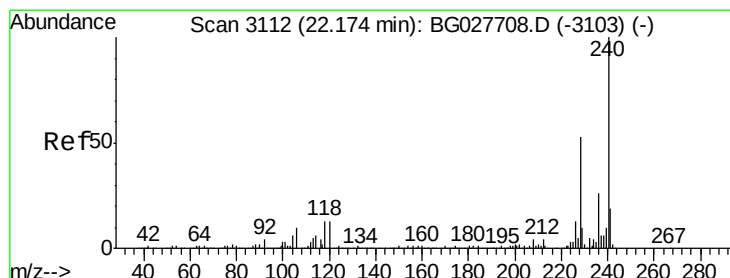
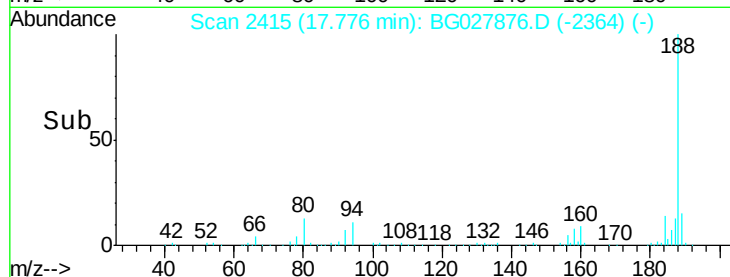
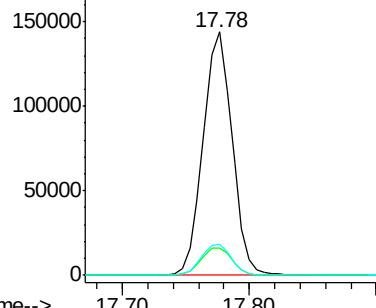
80 13.0 7.5 11.3#



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: 22.12 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG027876.D

Acq: 7 Jul 2017 19:58

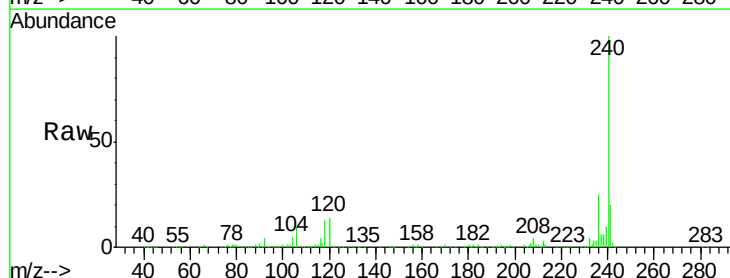
Tgt Ion:240 Resp: 277135

Ion Ratio Lower Upper

240 100

120 14.4 5.7 8.5#

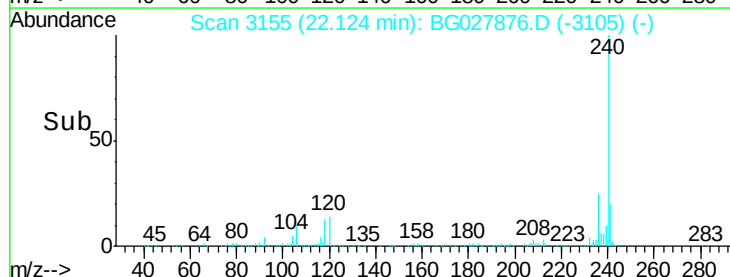
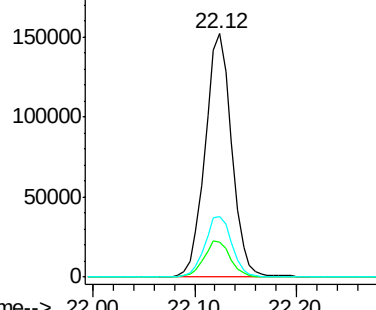
236 24.7 22.2 33.4

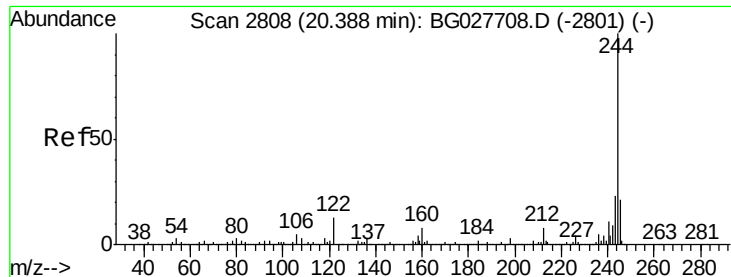


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 111.653 ng

RT: 20.36 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG027876.D

Acq: 7 Jul 2017 19:58

Instrument :

BNA_G

ClientSampleId :

NB-01-070517-B

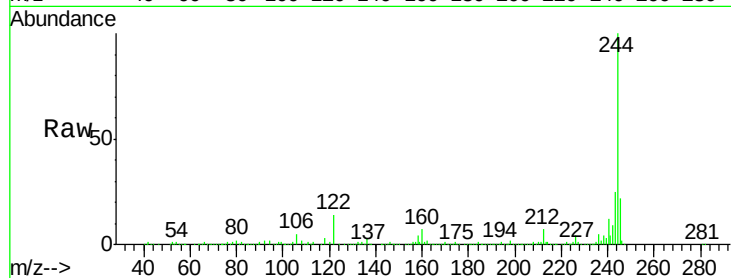
Tgt Ion:244 Resp: 1319886

Ion Ratio Lower Upper

244 100

212 6.7 10.0 15.0#

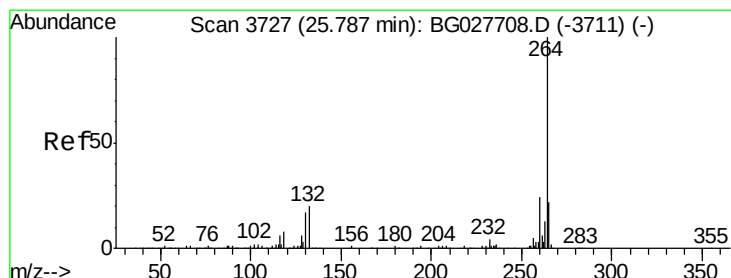
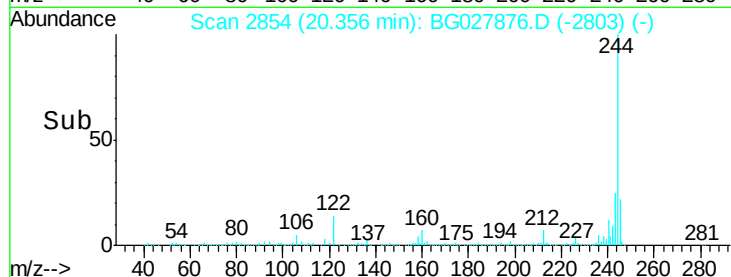
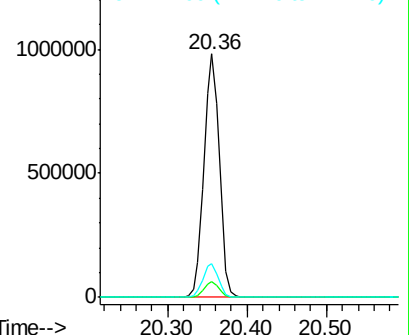
122 13.8 8.6 12.8#



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: 25.69 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BG027876.D

Acq: 7 Jul 2017 19:58

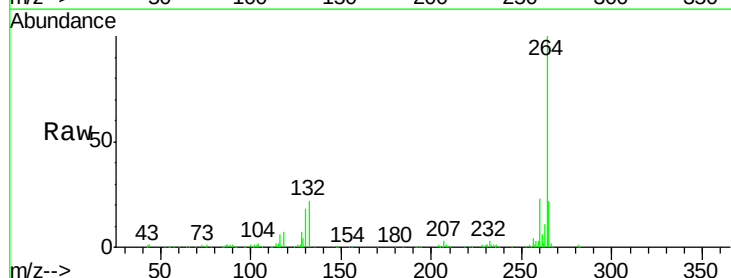
Tgt Ion:264 Resp: 265267

Ion Ratio Lower Upper

264 100

260 23.4 21.8 32.8

265 21.7 18.2 27.4



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

