

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\
 Data File : BG028854.D
 Acq On : 21 Sep 2017 12:24
 Operator : SJ/JU
 Sample : I5292-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 21 12:58:28 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 21 12:57:55 2017
 Response via : Initial Calibration

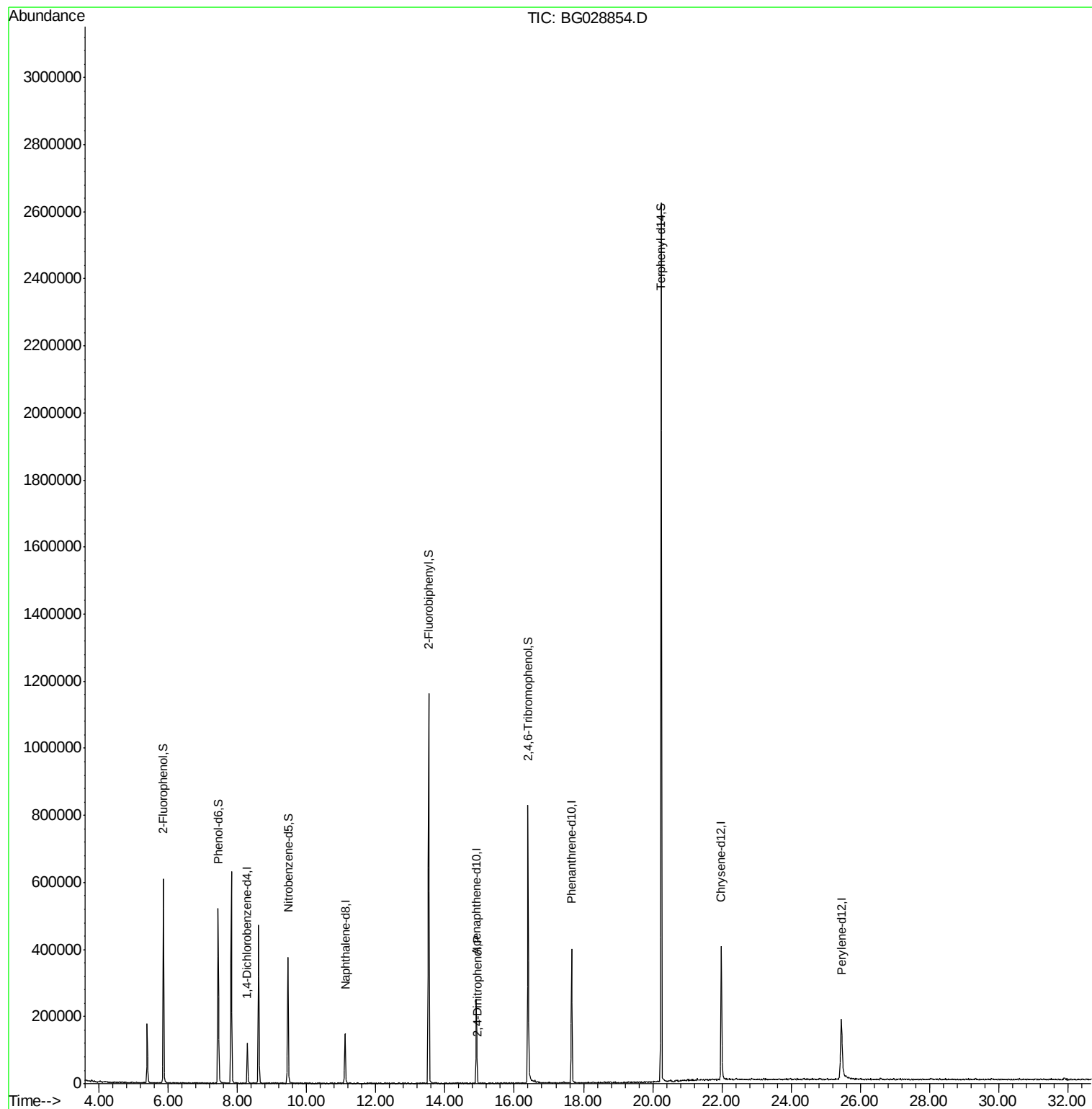
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	32811	20.00	ng	0.00
21) Naphthalene-d8	11.11	136	132989	20.00	ng	0.00
38) Acenaphthene-d10	14.91	164	94507	20.00	ng	0.00
63) Phenanthrene-d10	17.66	188	254964	20.00	ng	0.00
75) Chrysene-d12	21.99	240	297872	20.00	ng	0.00
86) Perylene-d12	25.45	264	285056	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	257572	129.53	ng	0.00
7) Phenol-d6	7.45	99	314043	104.89	ng	0.00
23) Nitrobenzene-d5	9.46	82	247231	88.93	ng	0.00
41) 2,4,6-Tribromophenol	16.40	330	200982	128.58	ng	0.00
44) 2-Fluorobiphenyl	13.53	172	643762	90.83	ng	0.00
78) Terphenyl-d14	20.25	244	1260175	90.22	ng	0.00
Target Compounds						
53) 2,4-Dinitrophenol	14.95	184	95	8.093	ng	Qvalue # 15

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

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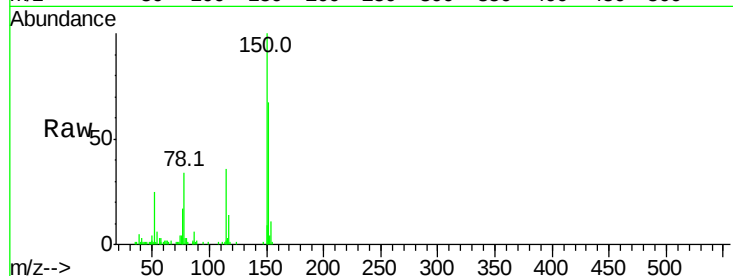


#1

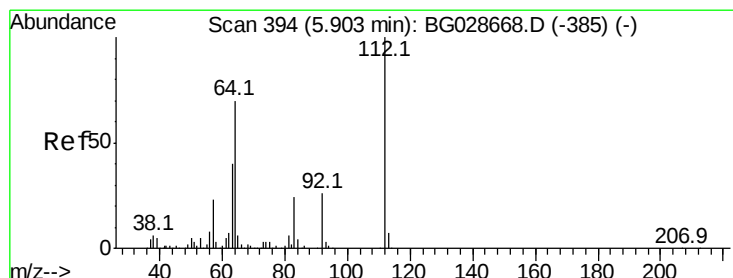
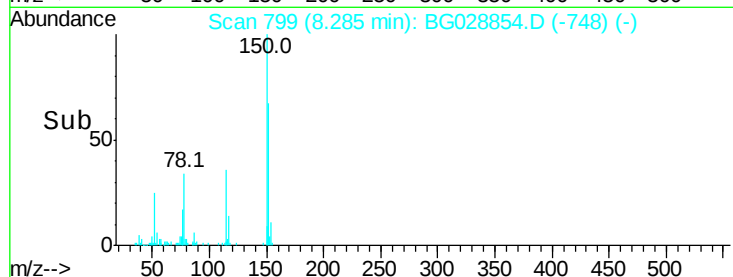
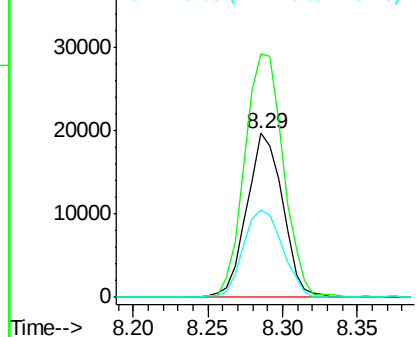
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 799
Delta R.T. -0.00 min
Lab File: BG028854.D
Acq: 21 Sep 2017 12:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 32811
Ion Ratio Lower Upper
152 100
150 148.7 114.0 171.0
115 53.2 48.1 72.1



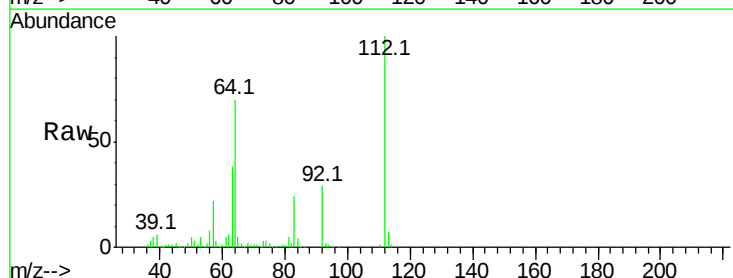
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



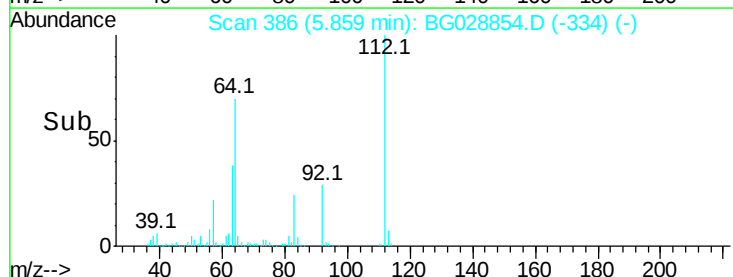
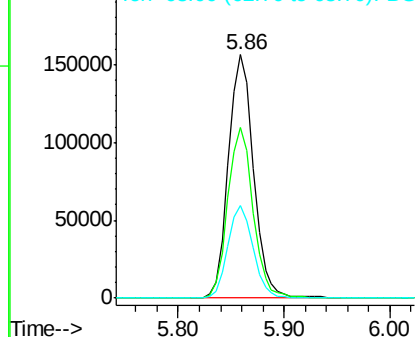
#5

2-Fluorophenol
Concen: 129.532 ng
RT: 5.86 min Scan# 386
Delta R.T. 0.00 min
Lab File: BG028854.D
Acq: 21 Sep 2017 12:24

Tgt Ion:112 Resp: 257572
Ion Ratio Lower Upper
112 100
64 70.2 61.8 92.6
63 38.2 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 104.894 ng

RT: 7.45 min Scan# 656

Delta R.T. 0.00 min

Lab File: BG028854.D

Acq: 21 Sep 2017 12:24

Instrument :

BNA_G

ClientSampleId :

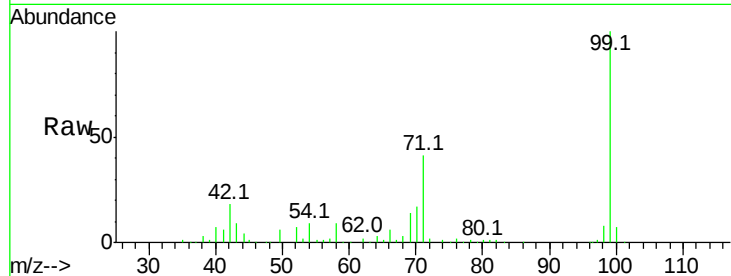
Tot Ion: 99 Resp: 314043

Ion Ratio Lower Upper

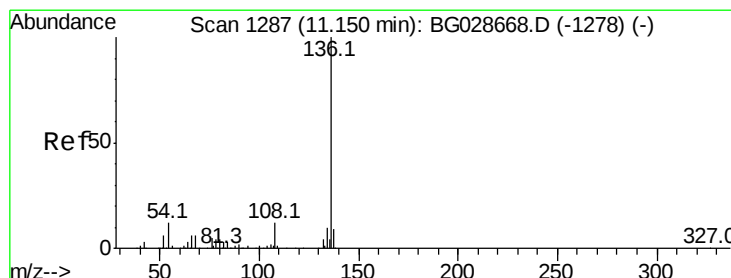
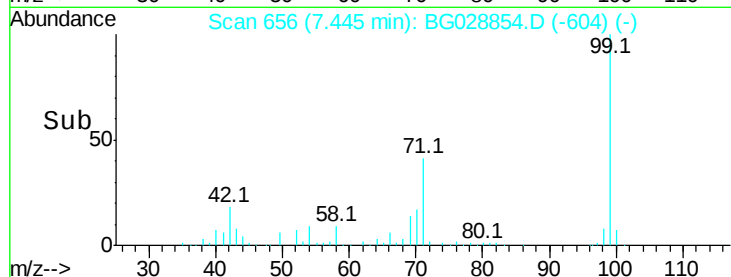
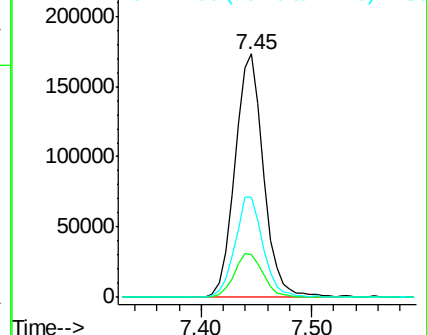
99 100

42 17.6 20.5 30.7#

71 41.1 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: 11.11 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BG028854.D

Acq: 21 Sep 2017 12:24

Tgt Ion: 136 Resp: 132989

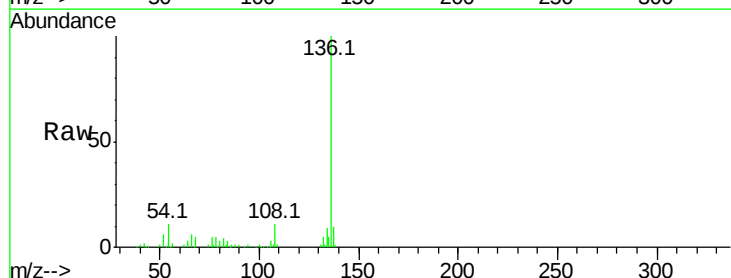
Ion Ratio Lower Upper

136 100

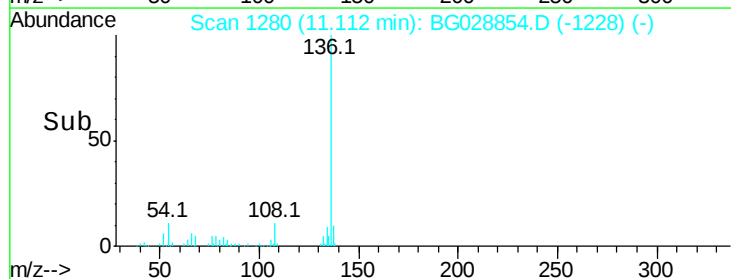
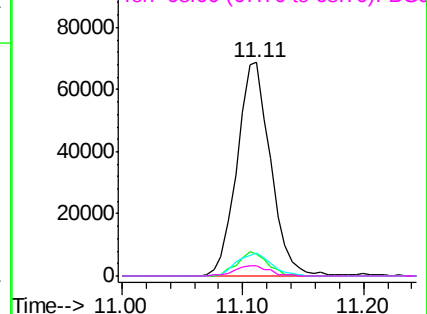
137 10.3 8.9 13.3

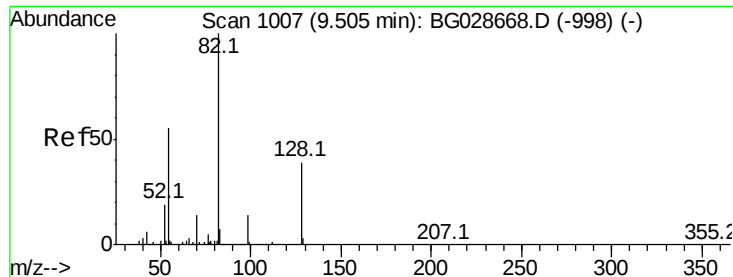
54 11.1 9.3 13.9

68 4.7 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

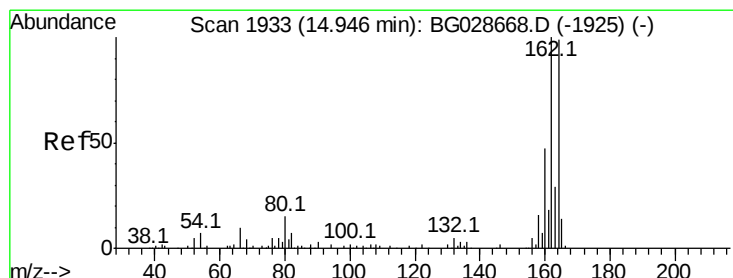
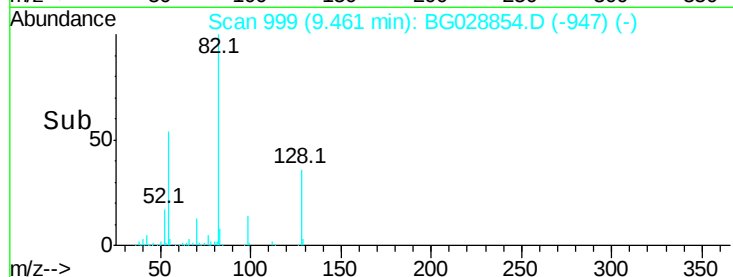
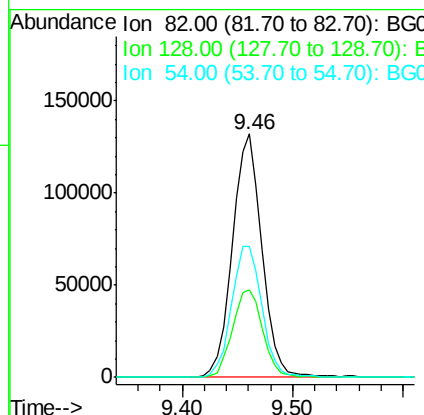
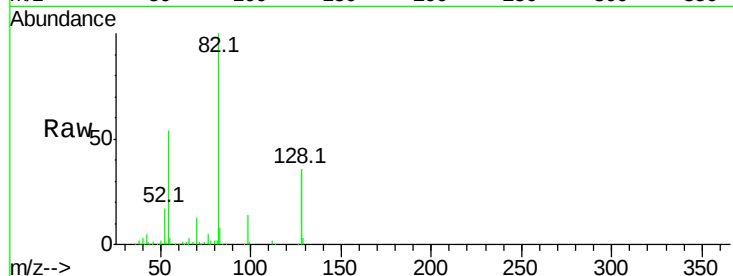




#23
Nitrobenzene-d5
Concen: 88.931 ng
RT: 9.46 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG028854.D
Acq: 21 Sep 2017 12:24

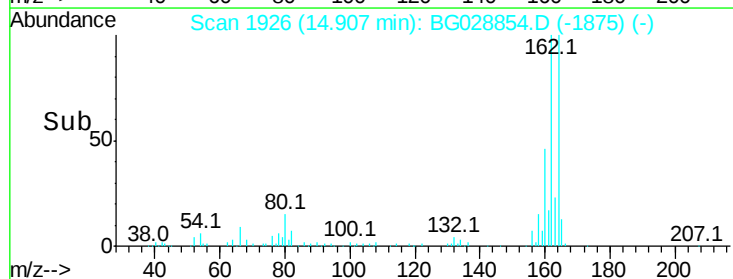
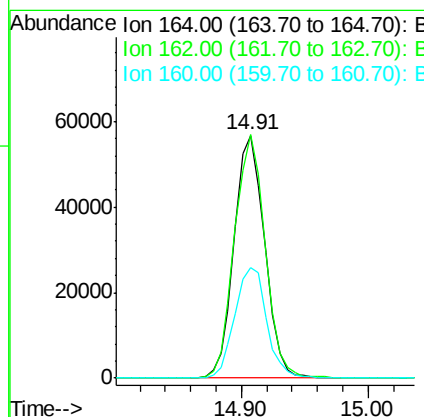
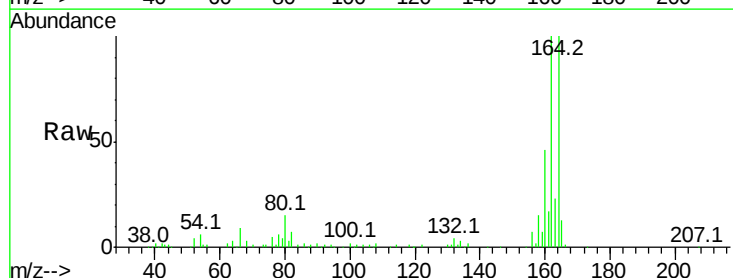
Instrument :
BNA_G
ClientSampleId :

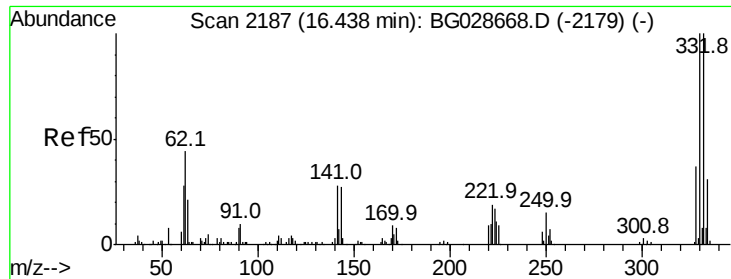
Tot Ion: 82 Resp: 247231
Ion Ratio Lower Upper
82 100
128 36.1 26.4 39.6
54 53.6 49.4 74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.91 min Scan# 1926
Delta R.T. -0.00 min
Lab File: BG028854.D
Acq: 21 Sep 2017 12:24

Tgt Ion: 164 Resp: 94507
Ion Ratio Lower Upper
164 100
162 100.4 85.1 127.7
160 45.8 34.7 52.1

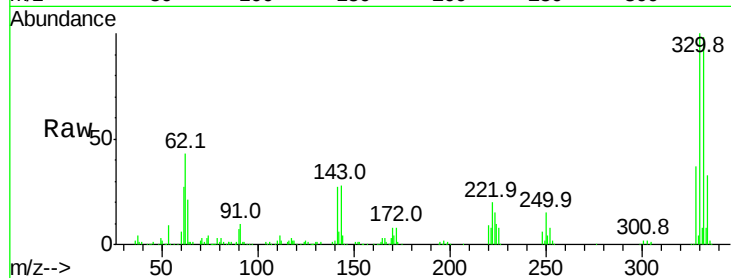




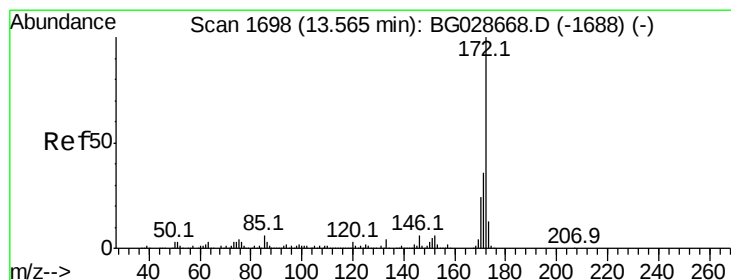
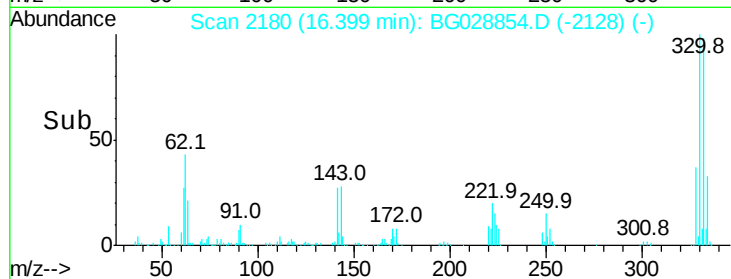
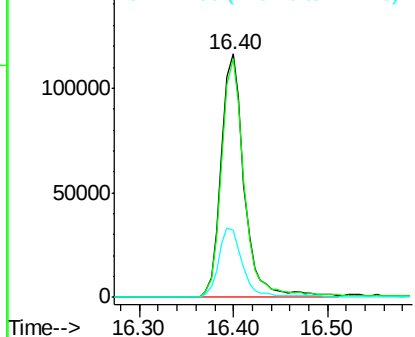
#41
 2,4,6-Tribromophenol
 Concen: 128.580 ng
 RT: 16.40 min Scan# 2180
 Delta R.T. 0.00 min
 Lab File: BG028854.D
 Acq: 21 Sep 2017 12:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 200982
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.3 115.9
 141 29.3 32.1 48.1#

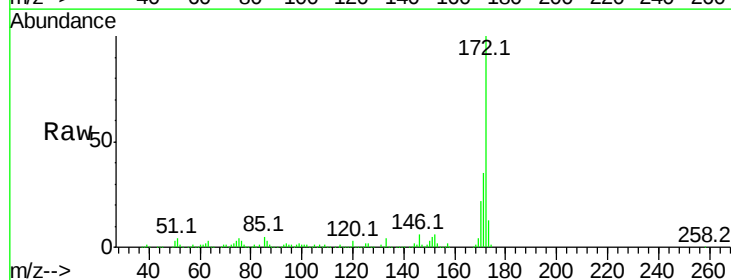


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

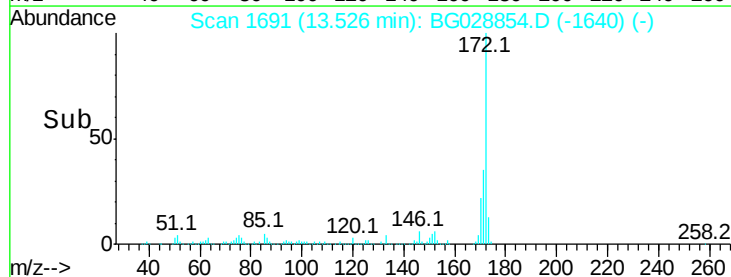
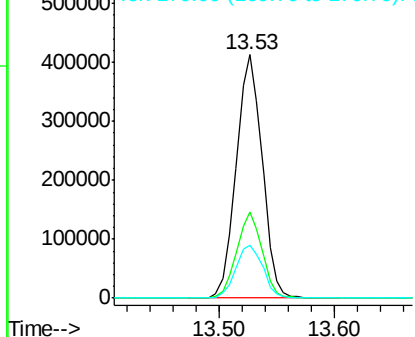


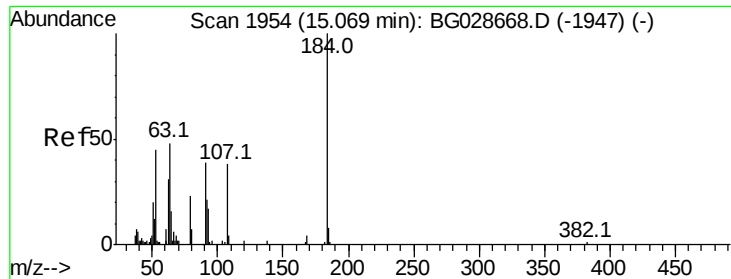
#44
 2-Fluorobiphenyl
 Concen: 90.830 ng
 RT: 13.53 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG028854.D
 Acq: 21 Sep 2017 12:24

Tgt Ion:172 Resp: 643762
 Ion Ratio Lower Upper
 172 100
 171 35.2 32.2 48.2
 170 22.0 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





#53

2,4-Dinitrophenol

Concen: 8.093 ng

RT: 14.95 min Scan# 1933

Delta R.T. -0.08 min

Lab File: BG028854.D

Acq: 21 Sep 2017 12:24

Instrument :

BNA_G

ClientSampleId :

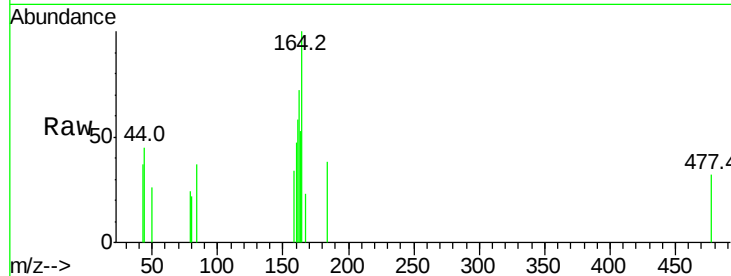
Tot Ion:184 Resp: 95

Ion Ratio Lower Upper

184 100

63 0.0 52.7 79.1#

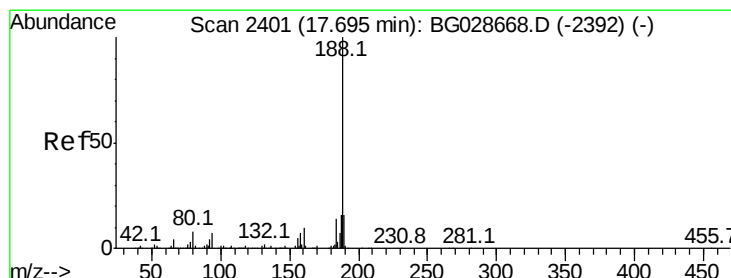
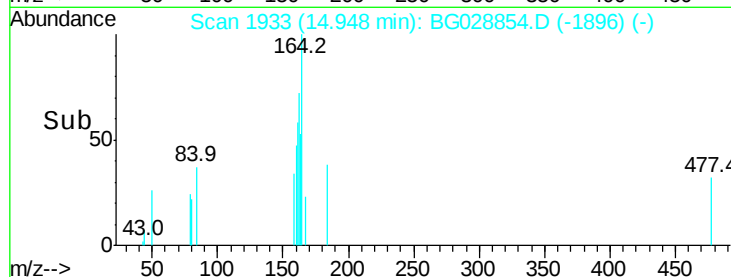
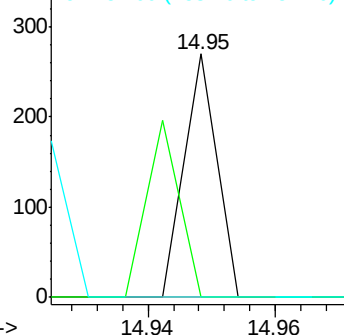
154 0.0 57.3 85.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.66 min Scan# 2394

Delta R.T. -0.00 min

Lab File: BG028854.D

Acq: 21 Sep 2017 12:24

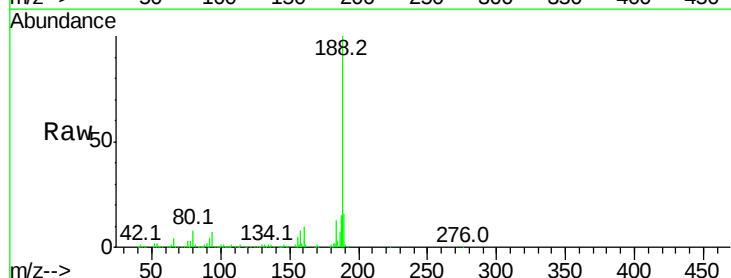
Tgt Ion:188 Resp: 254964

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.8

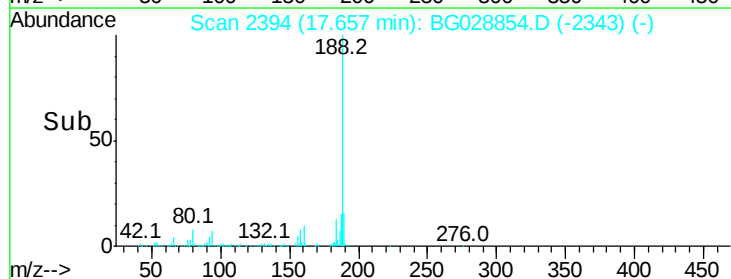
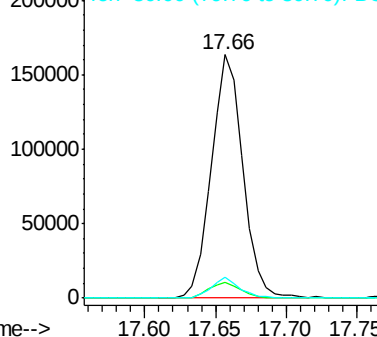
80 8.4 7.5 11.3

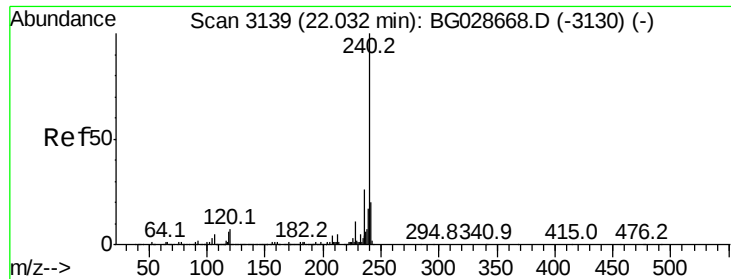


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.99 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG028854.D

Acq: 21 Sep 2017 12:24

Instrument :

BNA_G

ClientSampleId :

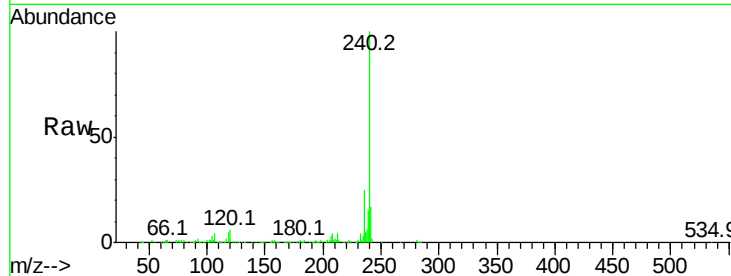
Tot Ion:240 Resp: 297872

Ion Ratio Lower Upper

240 100

120 5.8 5.7 8.5

236 25.5 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

21.99

150000

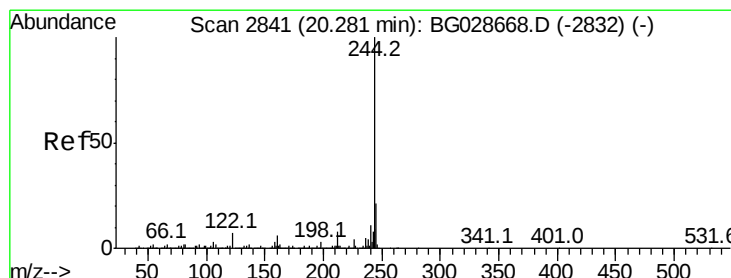
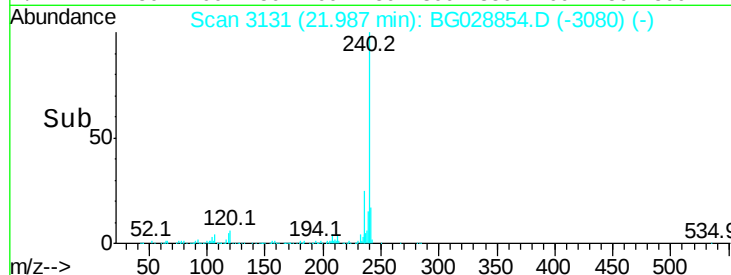
100000

50000

0

Time-->

21.90 22.00 22.10



#78

Terphenyl-d14

Concen: 90.220 ng

RT: 20.25 min Scan# 2835

Delta R.T. 0.00 min

Lab File: BG028854.D

Acq: 21 Sep 2017 12:24

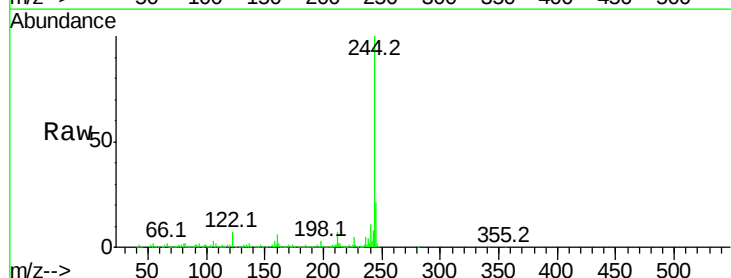
Tgt Ion:244 Resp: 1260175

Ion Ratio Lower Upper

244 100

212 7.4 10.0 15.0#

122 7.2 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

1200000

1000000

800000

600000

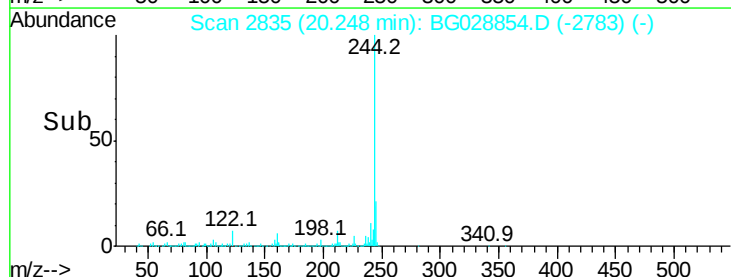
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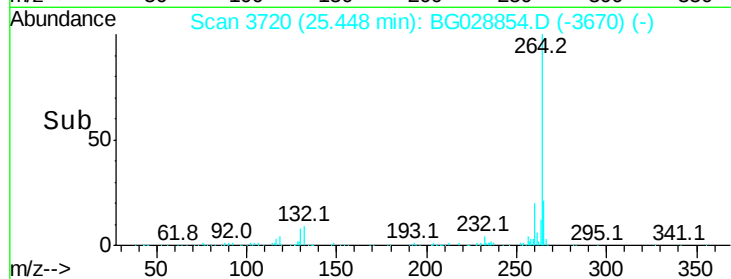
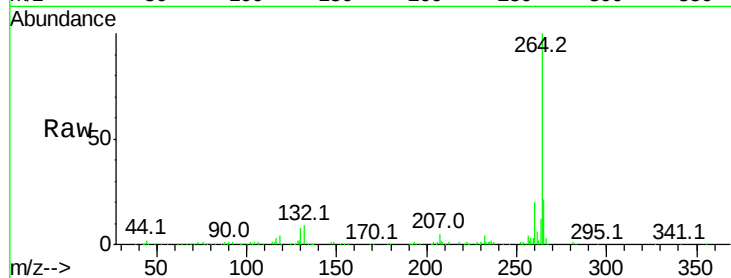
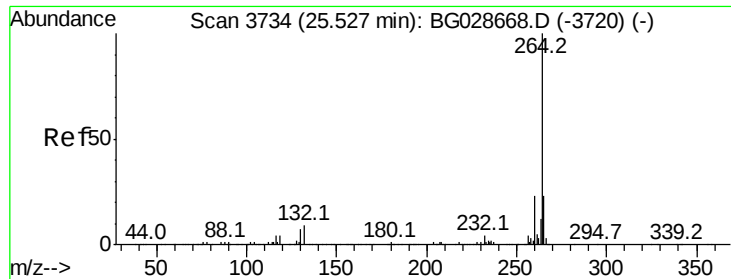
200000

0

Time-->

20.20 20.30 20.40





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.45 min Scan# 3720
 Delta R.T. -0.01 min
 Lab File: BG028854.D
 Acq: 21 Sep 2017 12:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	20.3	21.8	32.8#
265	20.8	18.2	27.4

