

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 :
 BU-01-091817

Quant Time: Sep 21 13:02:24 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

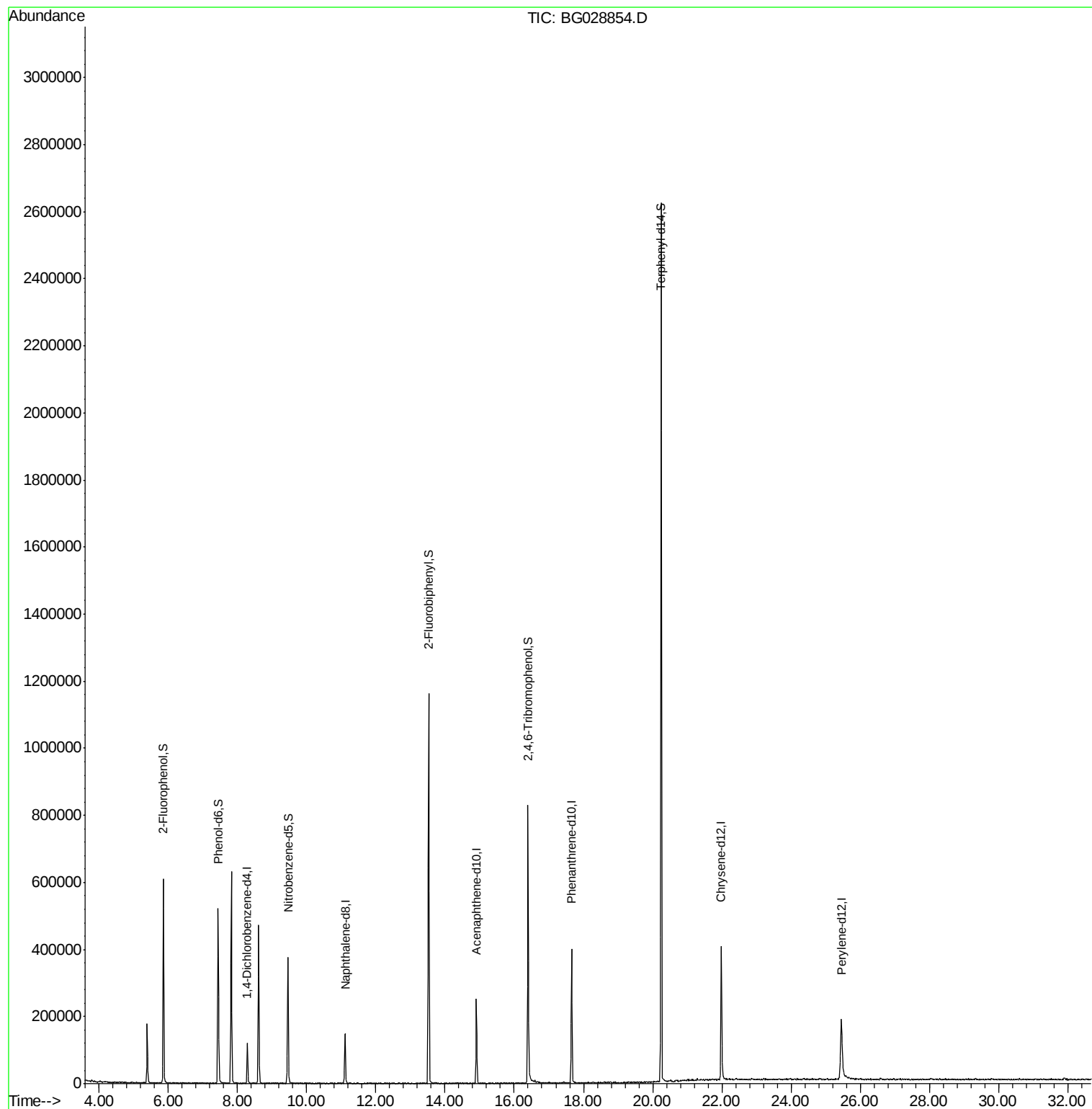
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.29 min Scan# 799

Delta R.T. -0.00 min

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Acq: 21 Sep 2017 12:24

Instrument :

BNA_G

ClientSampleId :

BU-01-091817

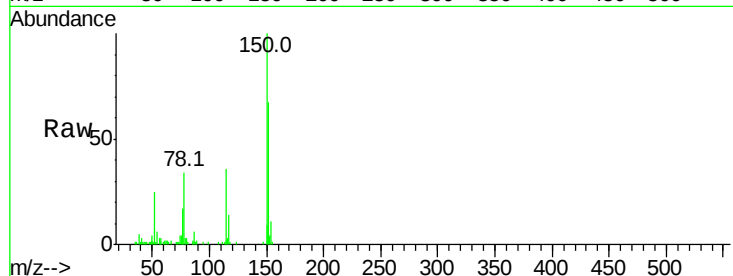
Tot Ion:152 Resp: 32811

Ion Ratio Lower Upper

152 100

150 148.7 114.0 171.0

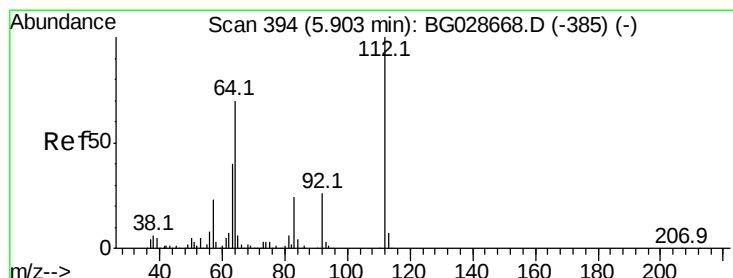
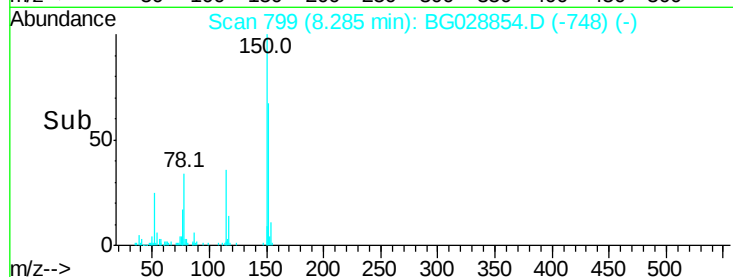
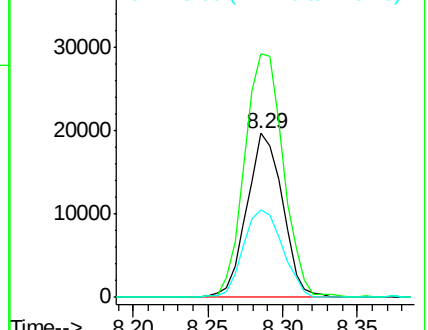
115 53.2 48.1 72.1



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

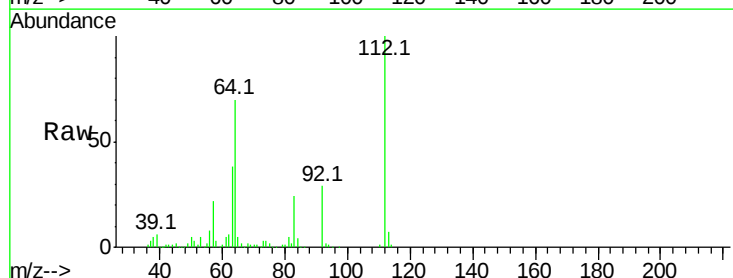
Tgt Ion:112 Resp: 257572

Ion Ratio Lower Upper

112 100

64 70.2 61.8 92.6

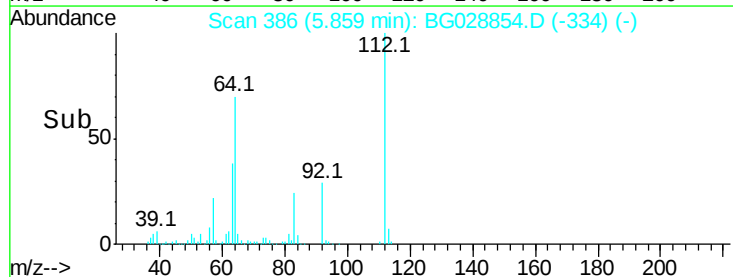
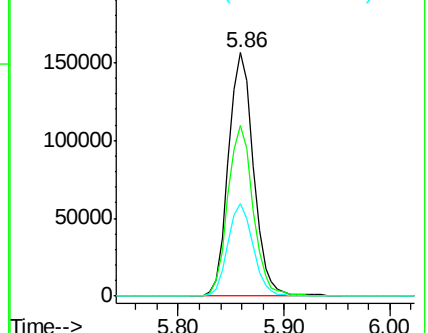
63 38.2 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#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 :

BU-01-091817

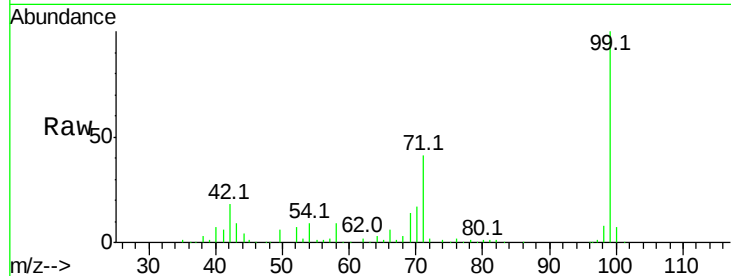
Tot Ion: 99 Resp: 314043

Ion Ratio Lower Upper

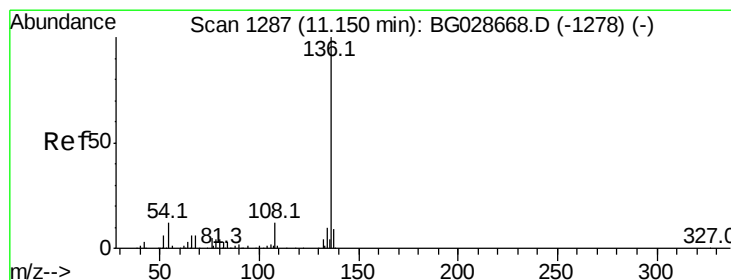
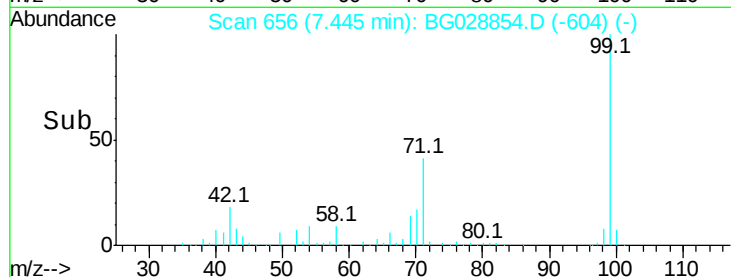
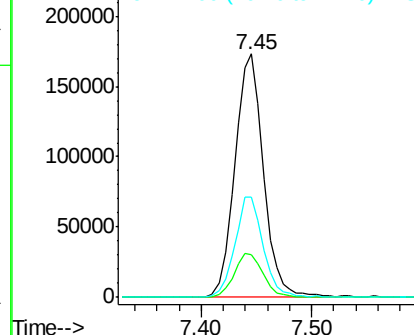
99 100

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

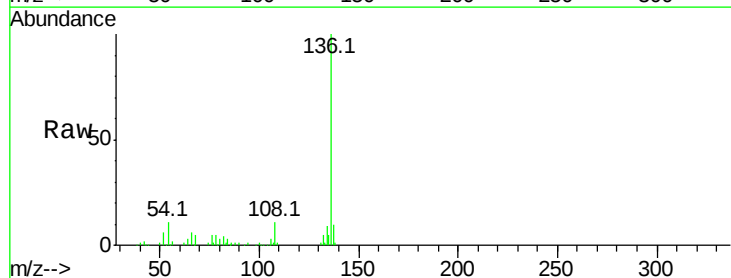
Ion Ratio Lower Upper

136 100

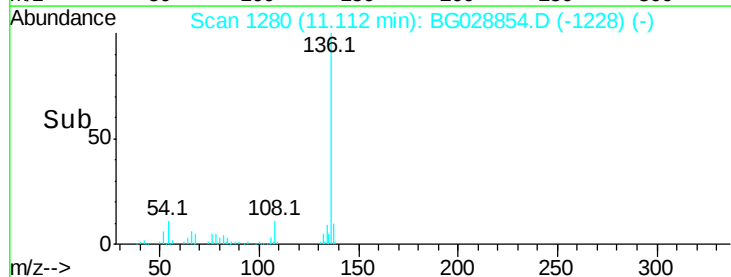
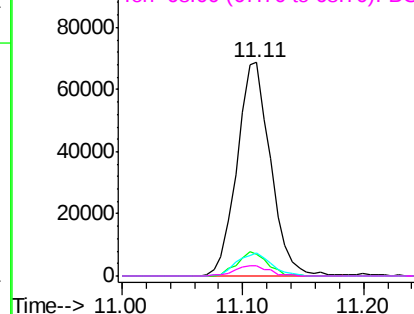
137 10.3 8.9 13.3

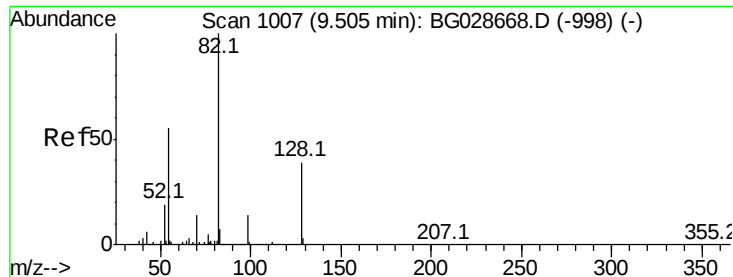
54 11.1 9.3 13.9

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

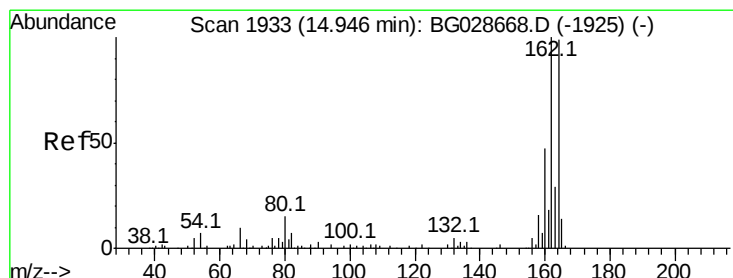
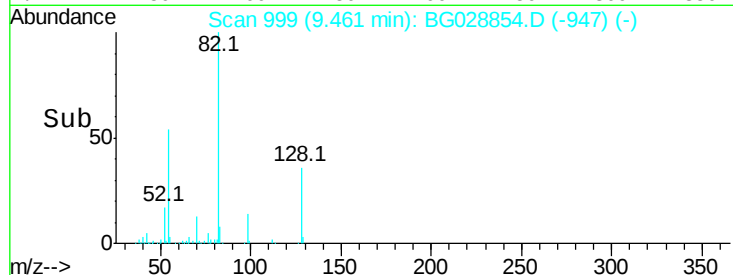
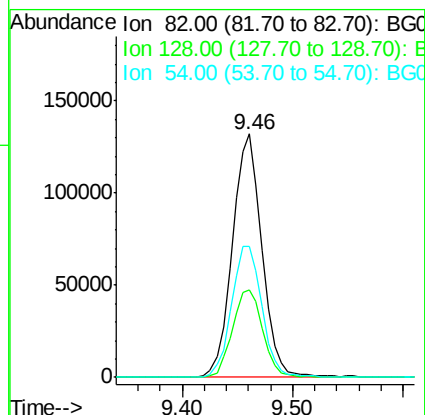
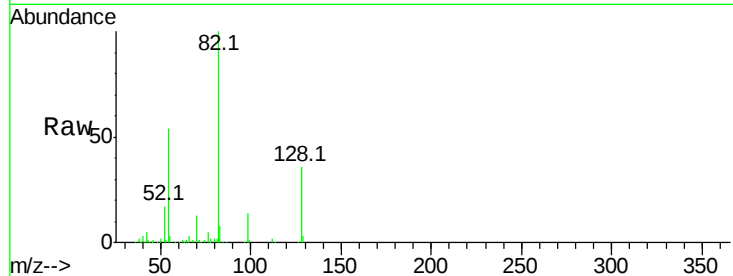




#23
Nitrobenzene-d5
Concen: 88.931 ng
RT: 9.46 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG028854.D
Acq: 21 Sep 2017 12:24

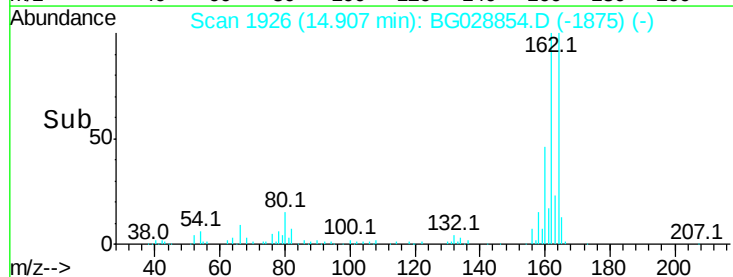
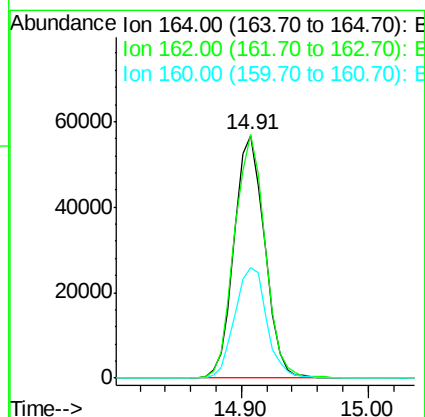
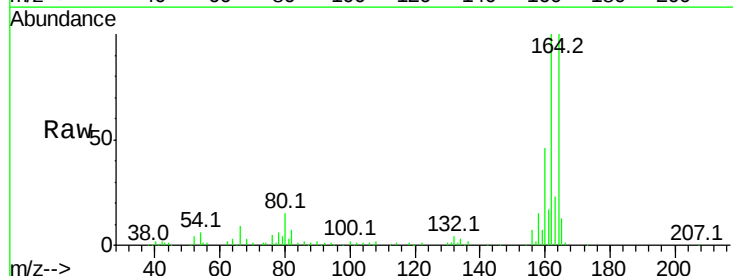
Instrument :
BNA_G
ClientSampleId :
BU-01-091817

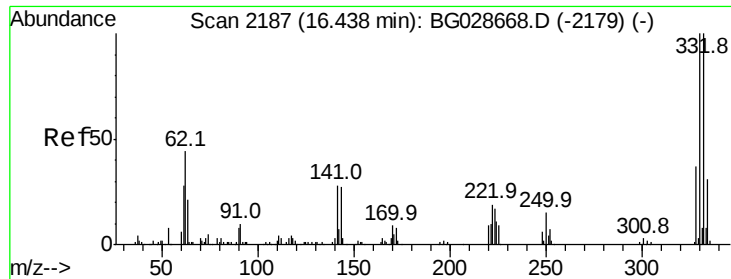
Tot Ion	82	Resp	247231
Ion Ratio	100	Lower	Upper
128	36.1	26.4	39.6
54	53.6	49.4	74.2



#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	100	Lower	Upper
162	100.4	85.1	127.7
160	45.8	34.7	52.1

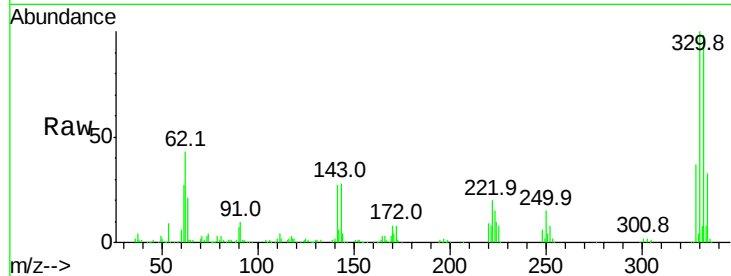




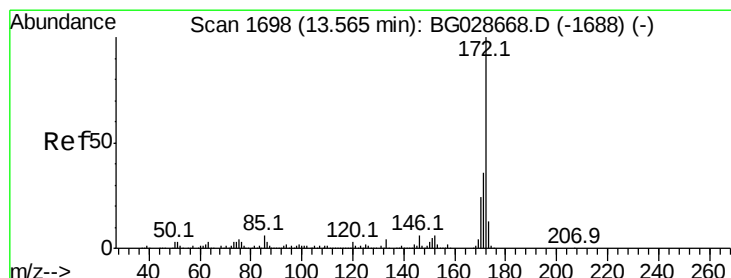
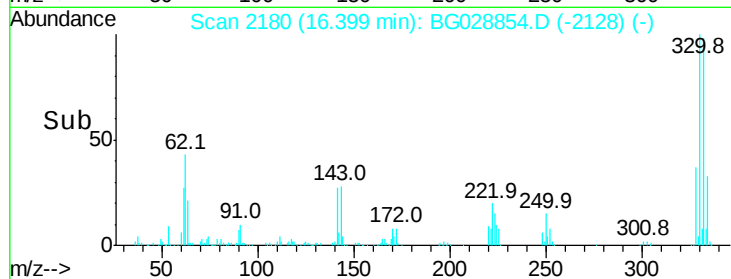
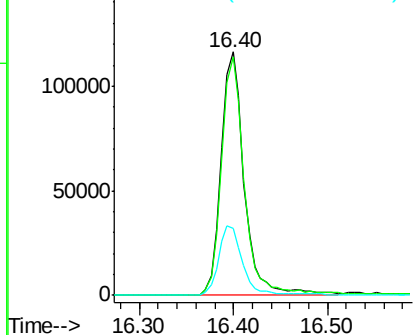
#41
 2,4,6-Tribromophenol
 Concen: 128.580 ng
 RT: 16.40 min Scan# 2180
 Delta R.T. 0.00 min
 Lab File: BG028854.D
 Acq: 21 Sep 2017 12:24

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-091817

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

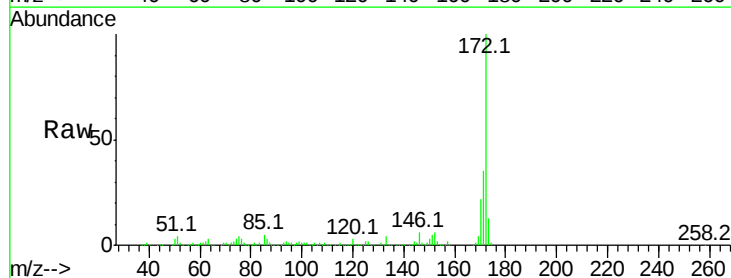


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

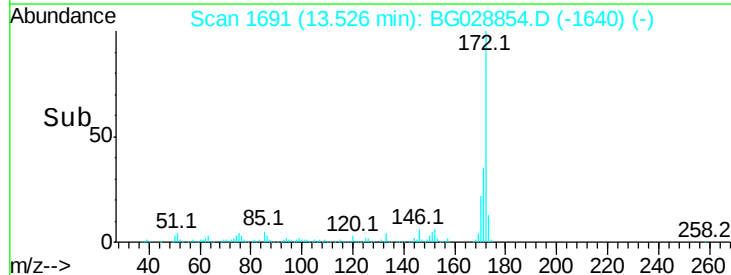
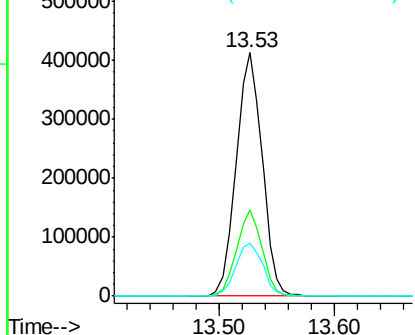


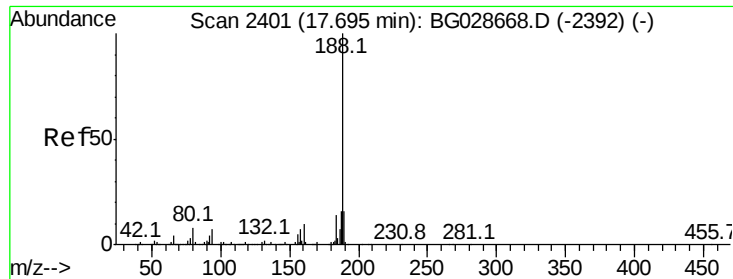
#44
 2-Fluorobiphenyl
 Concen: 90.830 ng
 RT: 13.53 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG028854.D
 Acq: 21 Sep 2017 12:24

Tgt Ion	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





#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

Instrument :

BNA_G

ClientSampleId :

BU-01-091817

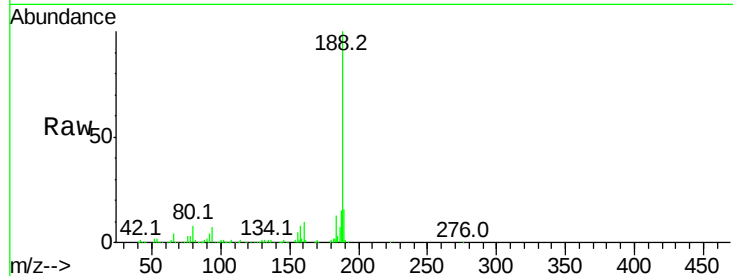
Tot Ion:188 Resp: 254964

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.8

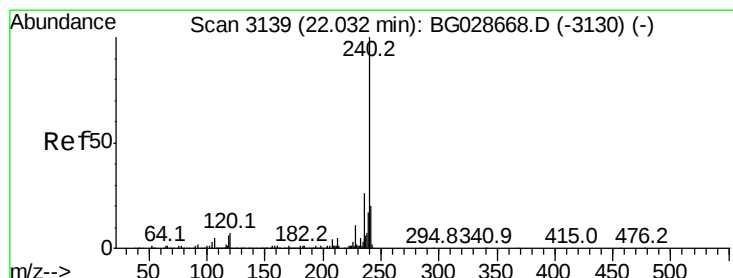
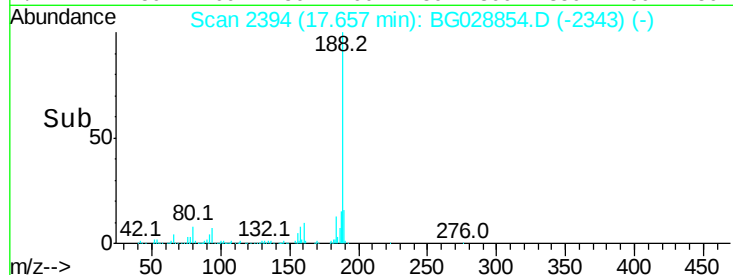
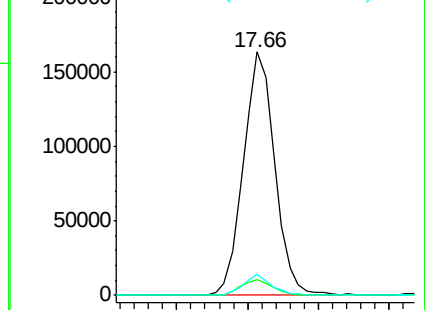
80 8.4 7.5 11.3



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

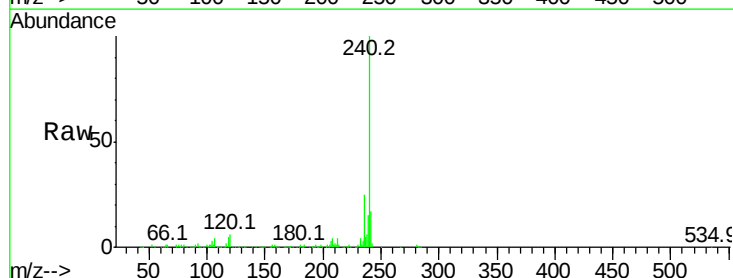
Tgt Ion:240 Resp: 297872

Ion Ratio Lower Upper

240 100

120 5.8 5.7 8.5

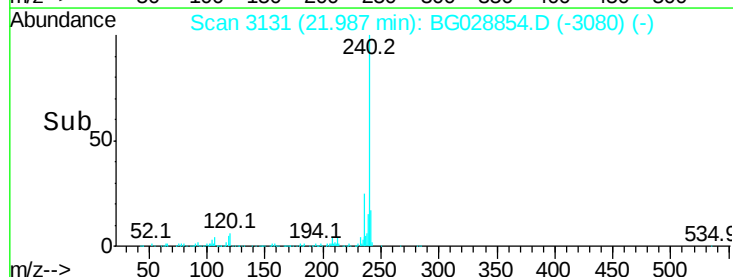
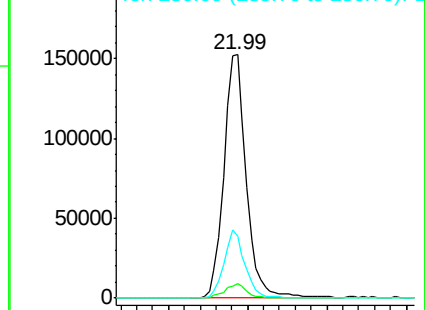
236 25.5 22.2 33.4

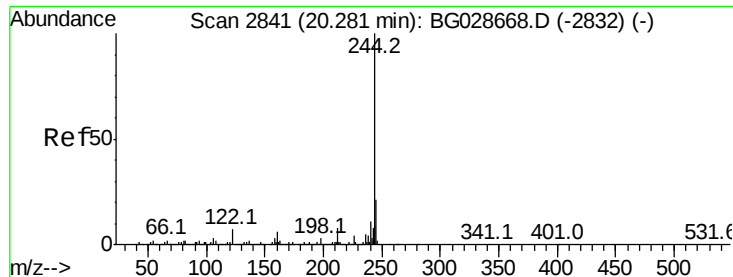


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#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

Instrument :

BNA_G

ClientSampleId :

BU-01-091817

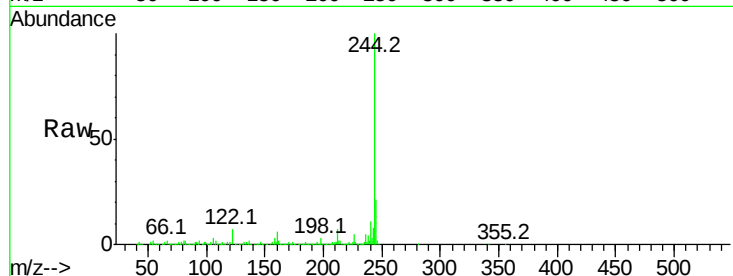
Tot Ion:244 Resp: 1260175

Ion Ratio Lower Upper

244 100

212 7.4 10.0 15.0#

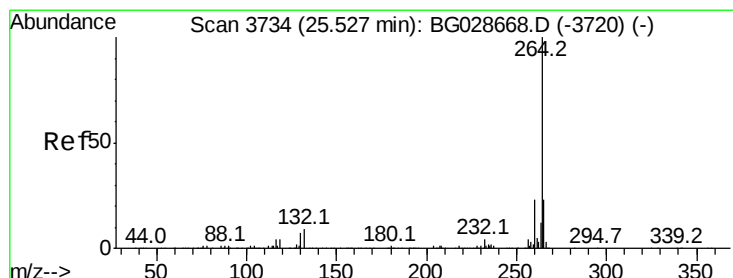
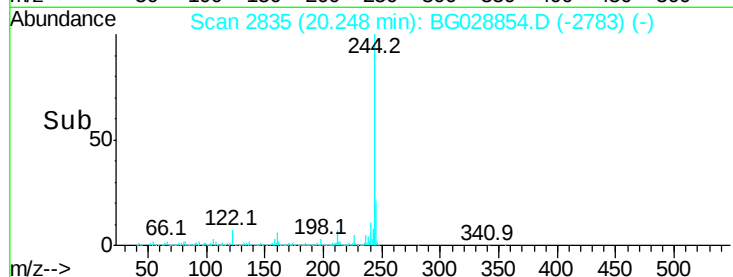
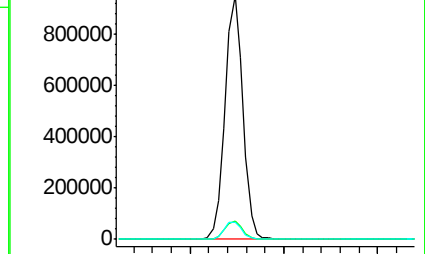
122 7.2 8.6 12.8#



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



#86

Perylene-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

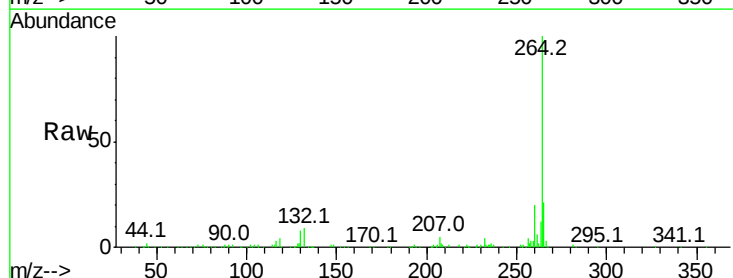
Tgt Ion:264 Resp: 285056

Ion Ratio Lower Upper

264 100

260 20.3 21.8 32.8#

265 20.8 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

