

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092717\
 Data File : BG028955.D
 Acq On : 27 Sep 2017 23:04
 Operator : SJ/JU
 Sample : I5444-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-092617

Quant Time: Sep 28 01:28:49 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

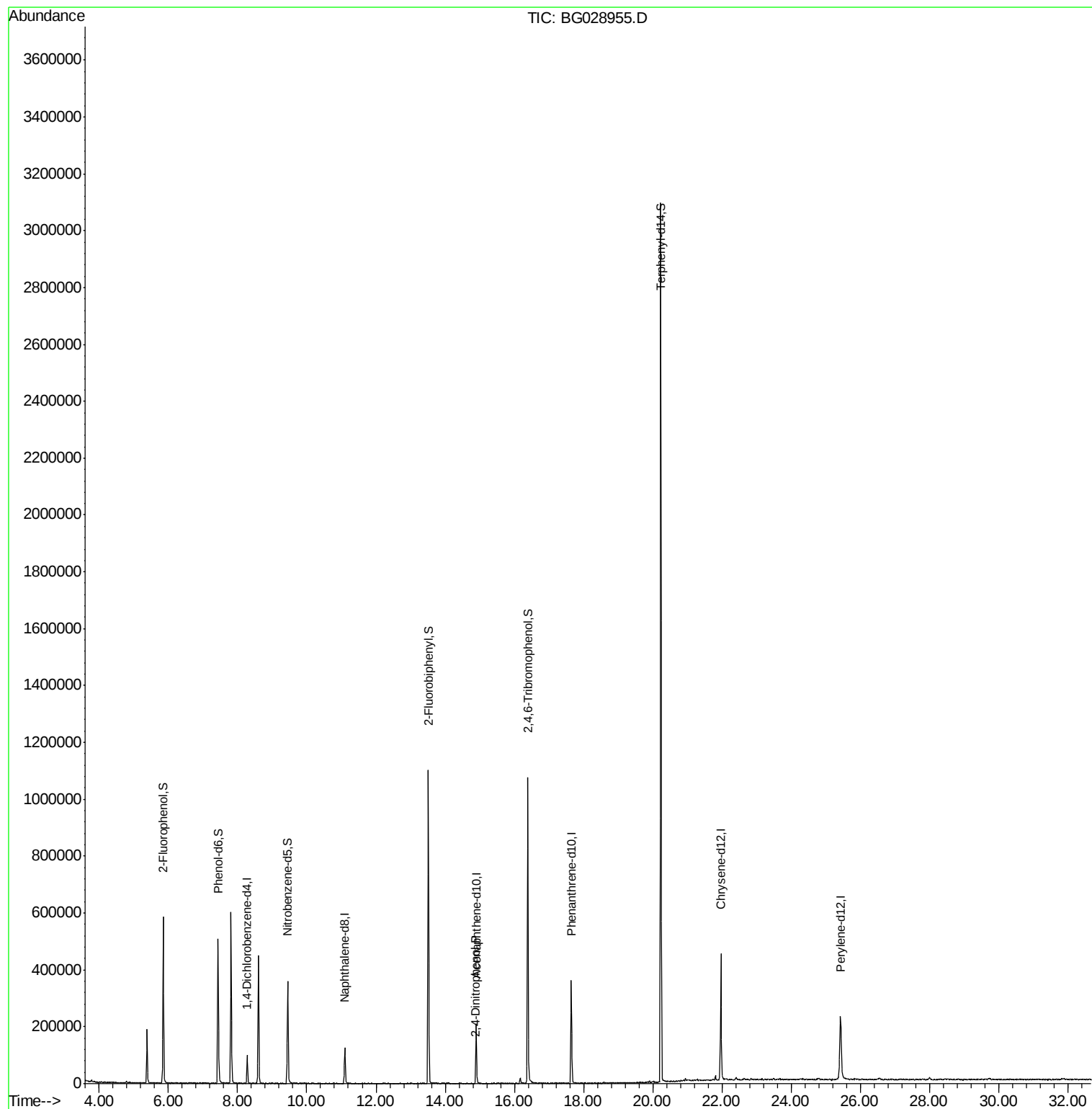
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	28492	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	112297	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	81905	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	254493	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	308643	20.00	ng	-0.07
86) Perylene-d12	25.43	264	305287	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	247326	143.23	ng	-0.05
7) Phenol-d6	7.44	99	315825	121.48	ng	-0.05
23) Nitrobenzene-d5	9.45	82	232490	99.04	ng	-0.05
41) 2,4,6-Tribromophenol	16.38	330	240080	177.23	ng	-0.05
44) 2-Fluorobiphenyl	13.52	172	612538	99.72	ng	-0.05
78) Terphenyl-d14	20.23	244	1484195	102.55	ng	-0.05
Target Compounds						
53) 2,4-Dinitrophenol	14.86	184	61	8.070	ng	Qvalue # 15

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092717\
Data File : BG028955.D
Acq On : 27 Sep 2017 23:04
Operator : SJ/JU
Sample : I5444-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BU-02-092617

Quant Time: Sep 28 01:28:49 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 799

Delta R.T. -0.05 min

Lab File: BG028955.D

Acq: 27 Sep 2017 23:04

Instrument :

BNA_G

ClientSampleId :

BU-02-092617

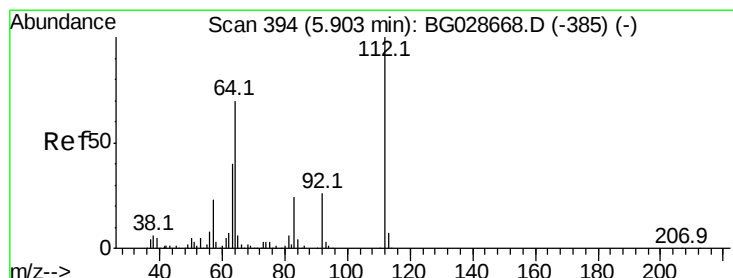
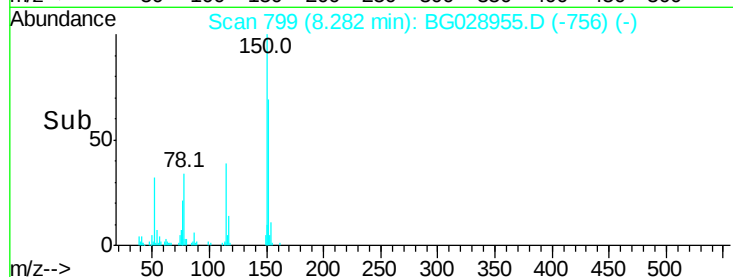
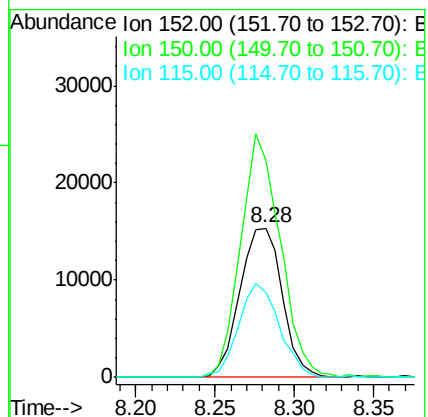
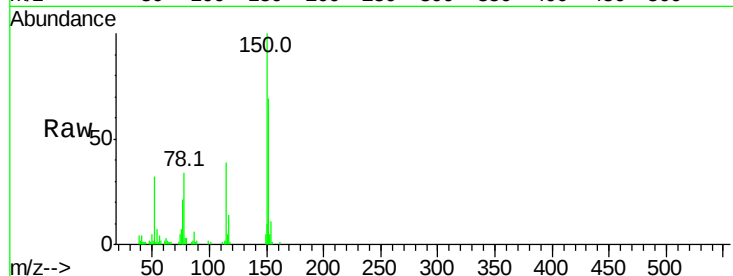
Tot Ion:152 Resp: 28492

Ion Ratio Lower Upper

152 100

150 145.5 114.0 171.0

115 57.1 48.1 72.1



#5

2-Fluorophenol

Concen: 143.233 ng

RT: 5.85 min Scan# 385

Delta R.T. -0.05 min

Lab File: BG028955.D

Acq: 27 Sep 2017 23:04

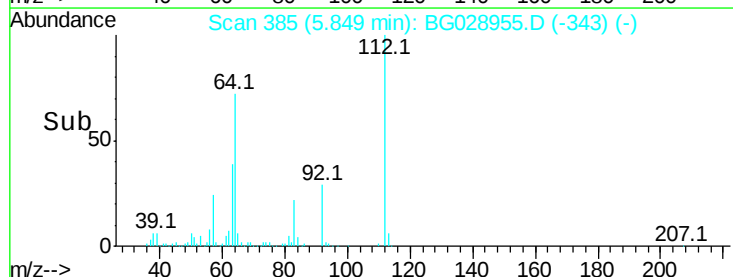
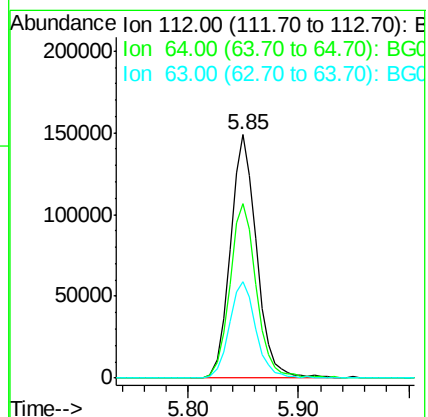
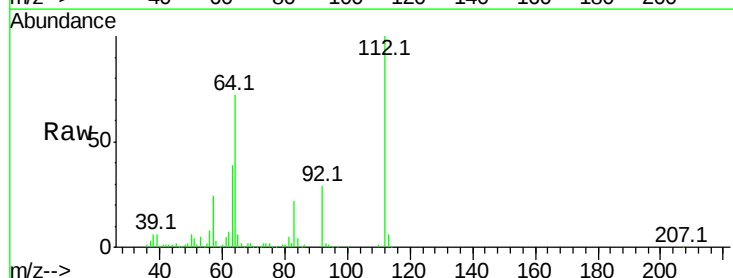
Tgt Ion:112 Resp: 247326

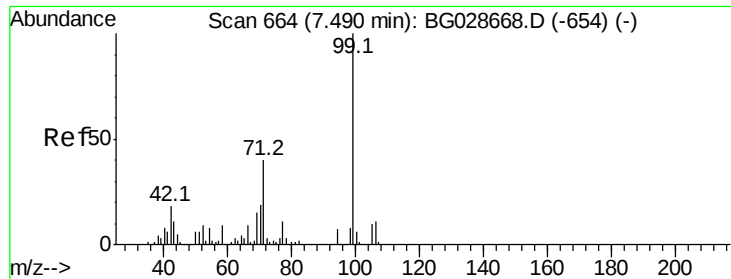
Ion Ratio Lower Upper

112 100

64 71.7 61.8 92.6

63 39.4 37.2 55.8





#7

Phenol-d6

Concen: 121.480 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028955.D

Acq: 27 Sep 2017 23:04

Instrument :

BNA_G

ClientSampleId :

BU-02-092617

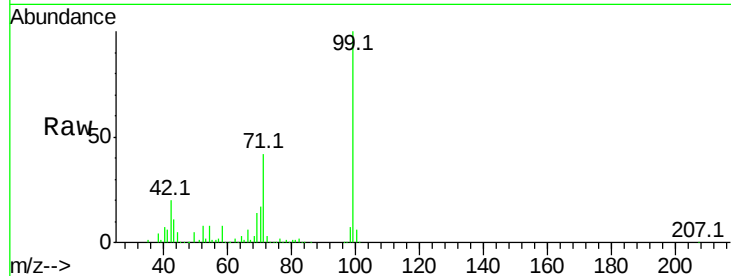
Tot Ion: 99 Resp: 315825

Ion Ratio Lower Upper

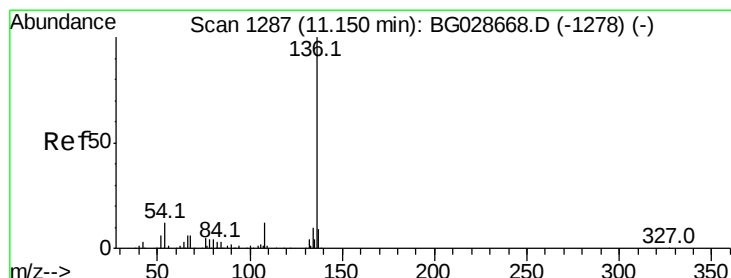
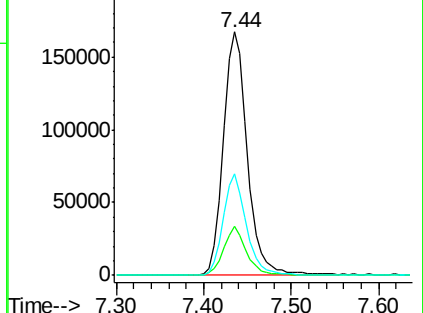
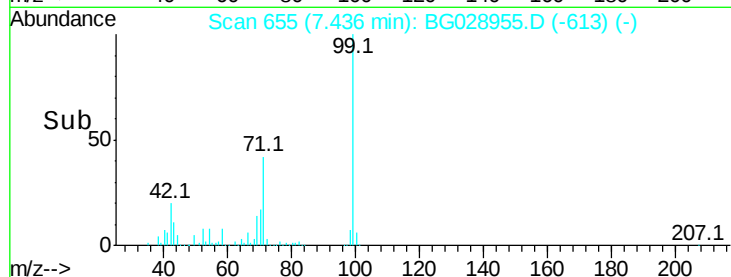
99 100

42 19.9 20.5 30.7#

71 41.8 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: 11.10 min Scan# 1279

Delta R.T. -0.05 min

Lab File: BG028955.D

Acq: 27 Sep 2017 23:04

Tgt Ion: 136 Resp: 112297

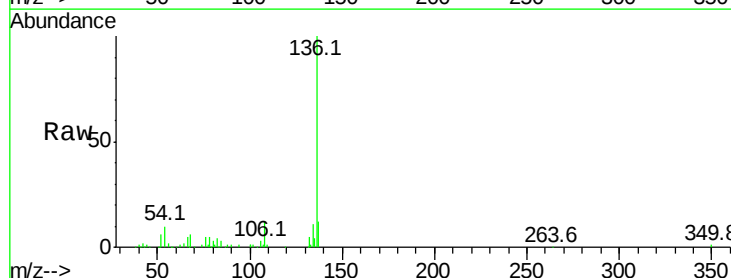
Ion Ratio Lower Upper

136 100

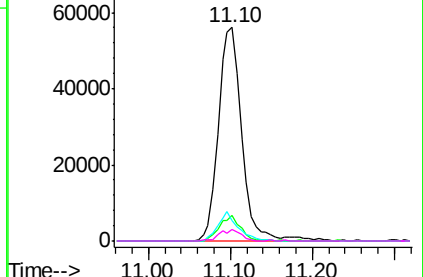
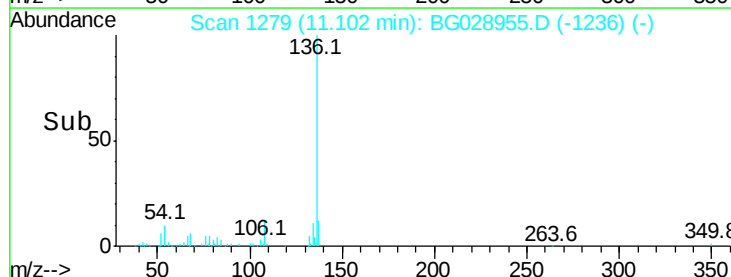
137 11.9 8.9 13.3

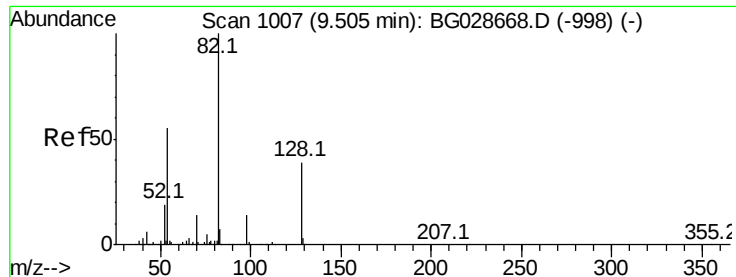
54 9.7 9.3 13.9

68 5.7 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: 99.038 ng

RT: 9.45 min Scan# 998

Delta R.T. -0.05 min

Lab File: BG028955.D

Acq: 27 Sep 2017 23:04

Instrument :

BNA_G

ClientSampleId :

BU-02-092617

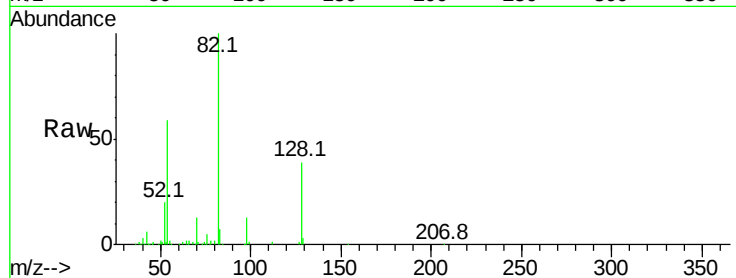
Tot Ion: 82 Resp: 232490

Ion Ratio Lower Upper

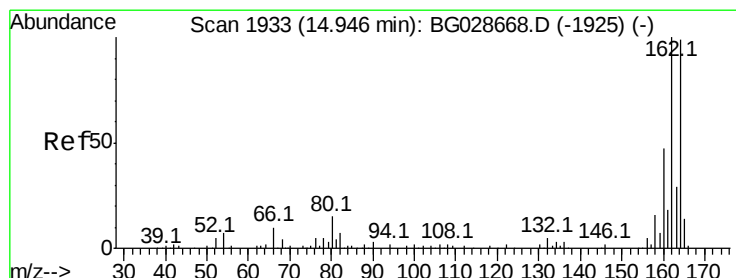
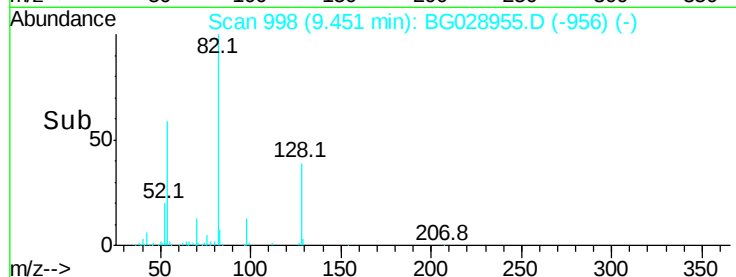
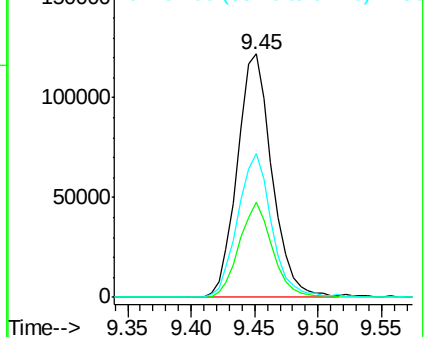
82 100

128 39.3 26.4 39.6

54 58.9 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: 14.89 min Scan# 1924

Delta R.T. -0.05 min

Lab File: BG028955.D

Acq: 27 Sep 2017 23:04

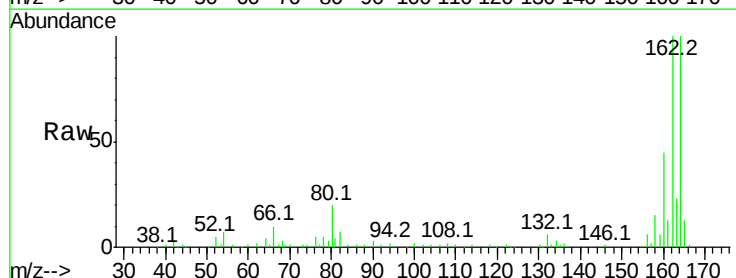
Tgt Ion: 164 Resp: 81905

Ion Ratio Lower Upper

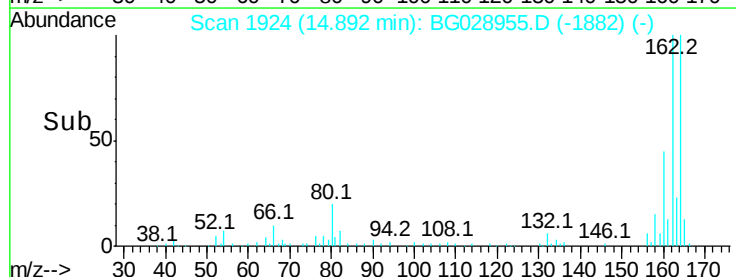
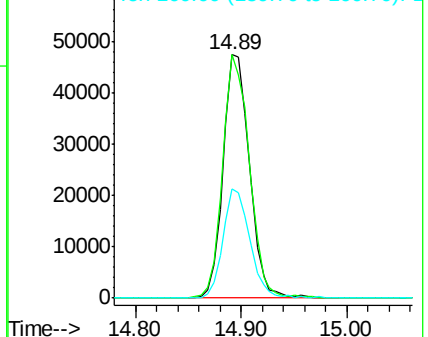
164 100

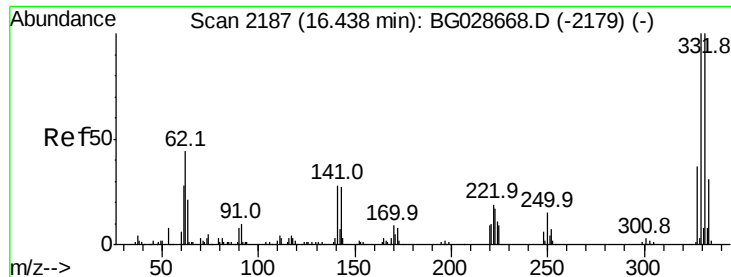
162 99.8 85.1 127.7

160 44.6 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

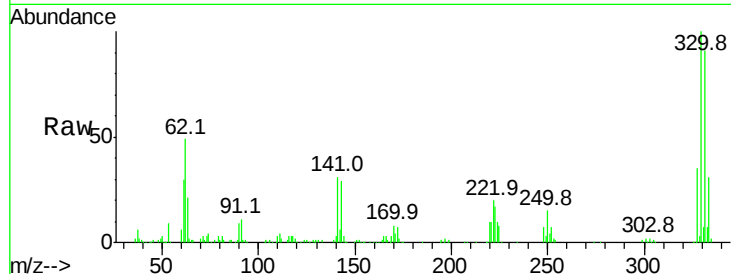




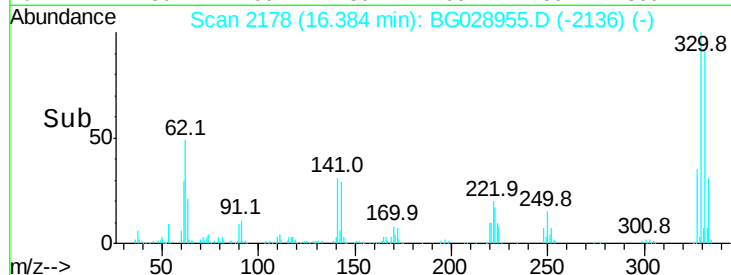
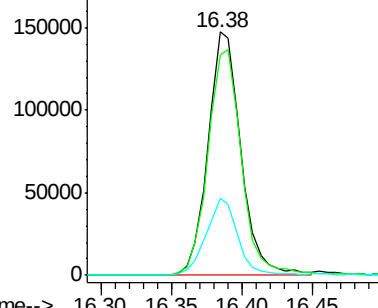
#41
 2,4,6-Tribromophenol
 Concen: 177.225 ng
 RT: 16.38 min Scan# 2178
 Delta R.T. -0.05 min
 Lab File: BG028955.D
 Acq: 27 Sep 2017 23:04

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-092617

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.3	115.9
141	30.3	32.1	48.1#

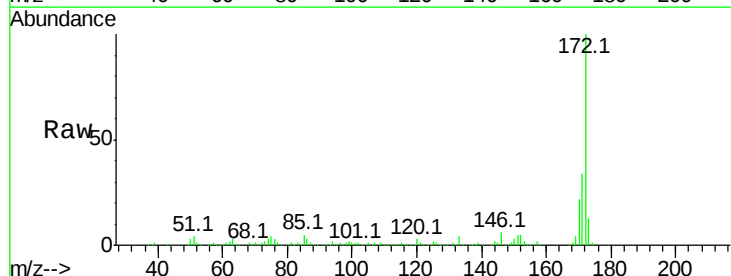


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

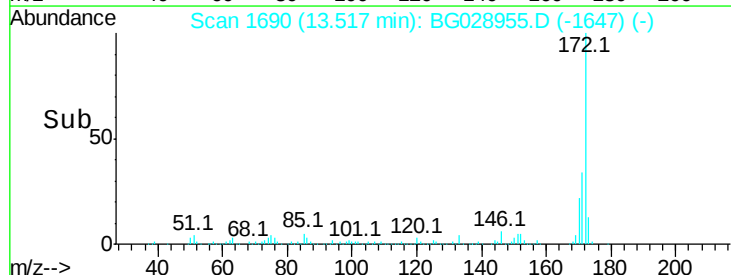
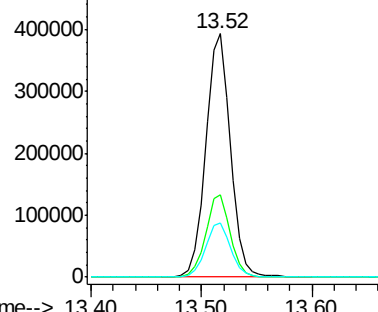


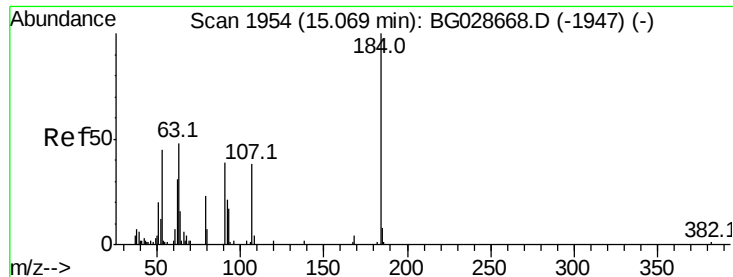
#44
 2-Fluorobiphenyl
 Concen: 99.722 ng
 RT: 13.52 min Scan# 1690
 Delta R.T. -0.05 min
 Lab File: BG028955.D
 Acq: 27 Sep 2017 23:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.8	32.2	48.2
170	22.2	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: 8.070 ng

RT: 14.86 min Scan# 1919

Delta R.T. -0.21 min

Lab File: BG028955.D

Acq: 27 Sep 2017 23:04

Instrument :

BNA_G

ClientSampleId :

BU-02-092617

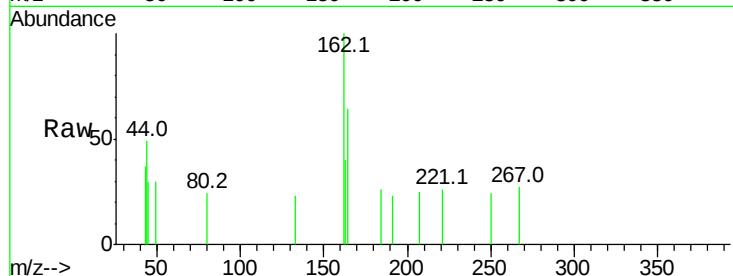
Tot Ion:184 Resp: 61

Ion Ratio Lower Upper

184 100

63 0.0 52.7 79.1#

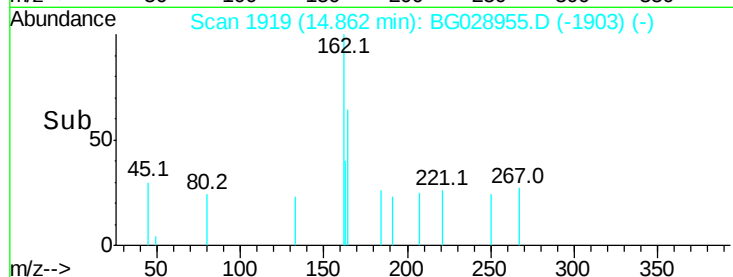
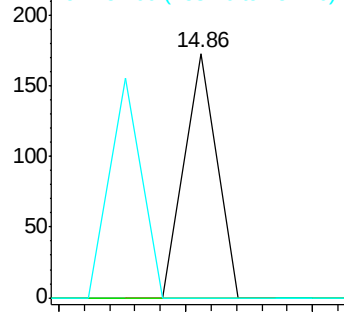
154 0.0 57.3 85.9#



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: 17.64 min Scan# 2392

Delta R.T. -0.05 min

Lab File: BG028955.D

Acq: 27 Sep 2017 23:04

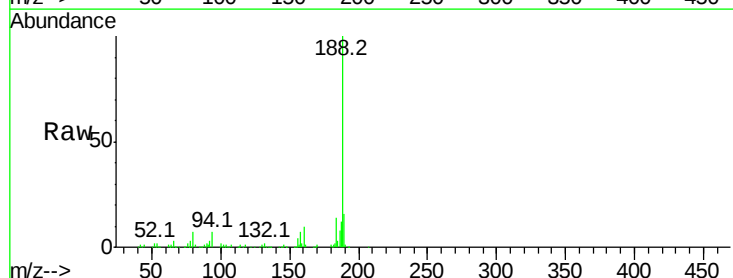
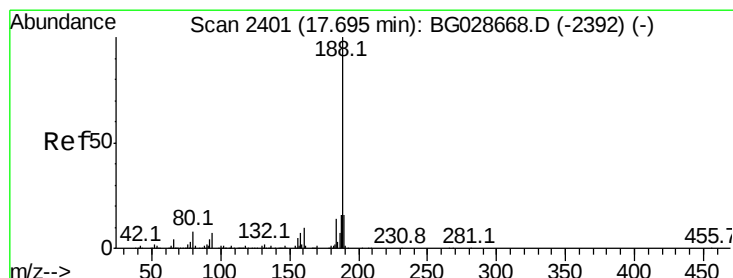
Tgt Ion:188 Resp: 254493

Ion Ratio Lower Upper

188 100

94 7.1 5.8 8.8

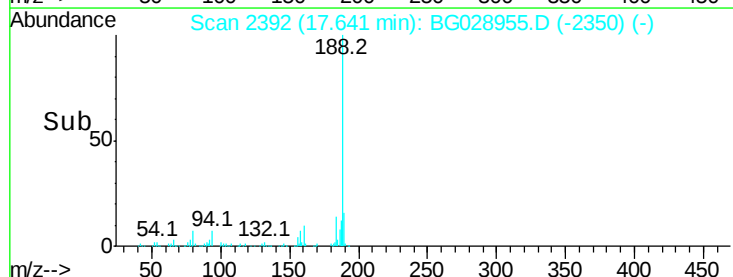
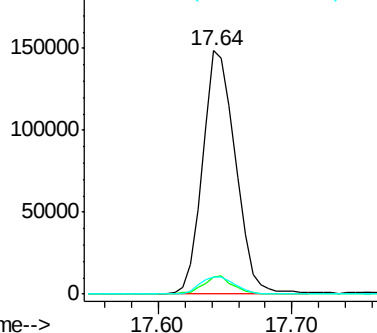
80 7.0 7.5 11.3#

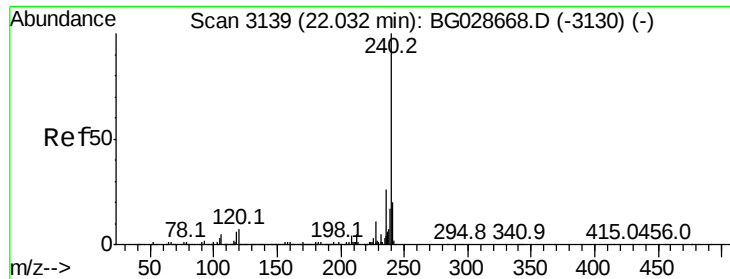


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.97 min Scan# 3128

Delta R.T. -0.07 min

Lab File: BG028955.D

Acq: 27 Sep 2017 23:04

Instrument :

BNA_G

ClientSampleId :

BU-02-092617

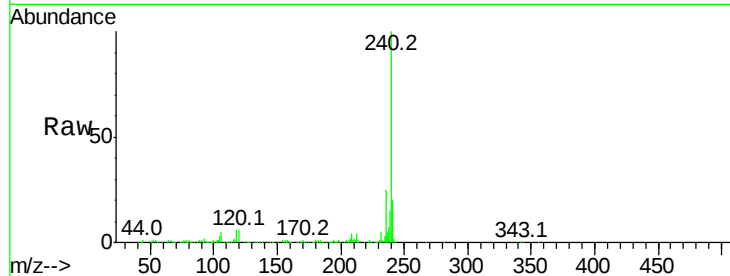
Tot Ion:240 Resp: 308643

Ion Ratio Lower Upper

240 100

120 6.2 5.7 8.5

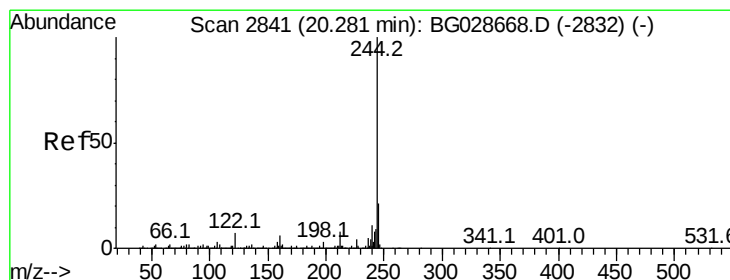
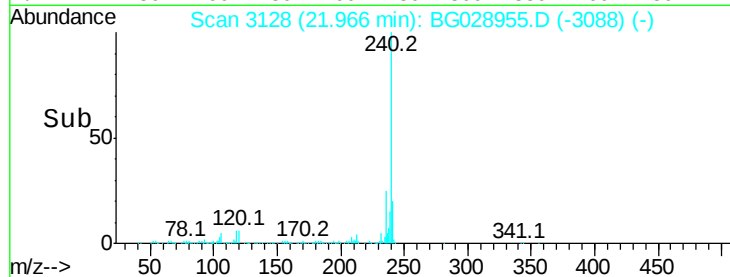
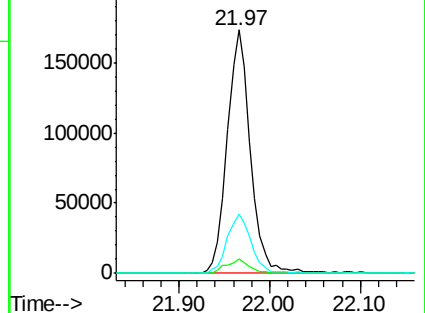
236 24.6 22.2 33.4



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: 102.550 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028955.D

Acq: 27 Sep 2017 23:04

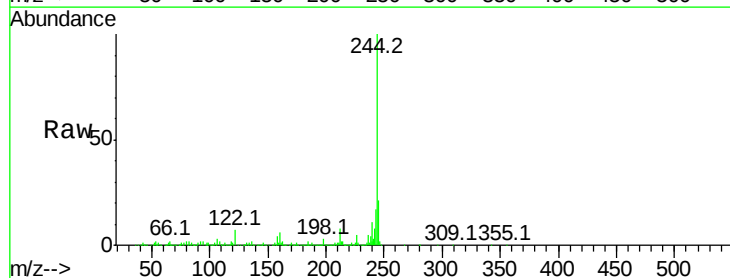
Tgt Ion:244 Resp: 1484195

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

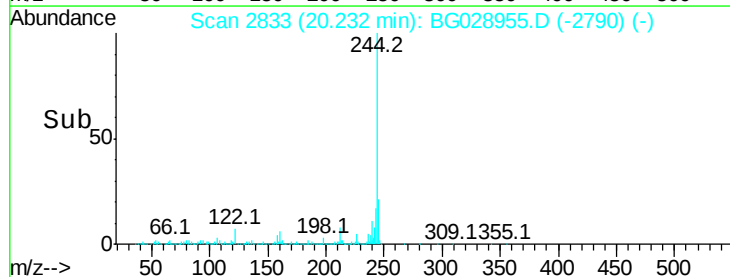
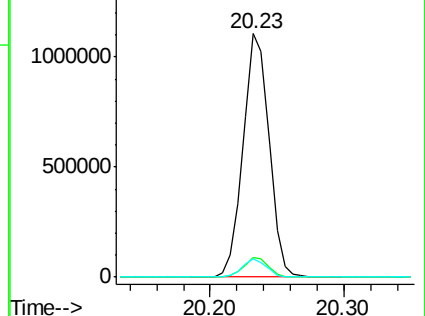
122 7.4 8.6 12.8#

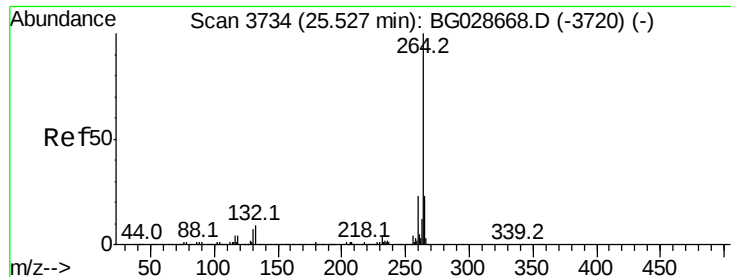


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

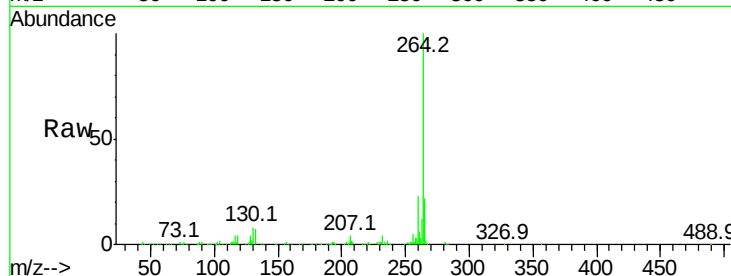




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.43 min Scan# 3717
Delta R.T. -0.10 min
Lab File: BG028955.D
Acq: 27 Sep 2017 23:04

Instrument :
BNA_G
ClientSampleId :
BU-02-092617

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	21.8	32.8
265	22.2	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

