

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011017\
 Data File : BG025463.D
 Acq On : 10 Jan 2017 22:20
 Operator : UM/SJ
 Sample : I1079-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 USDOT-617122-COMP-0-2

Quant Time: Jan 10 23:27:07 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 11:26:22 2017
 Response via : Initial Calibration

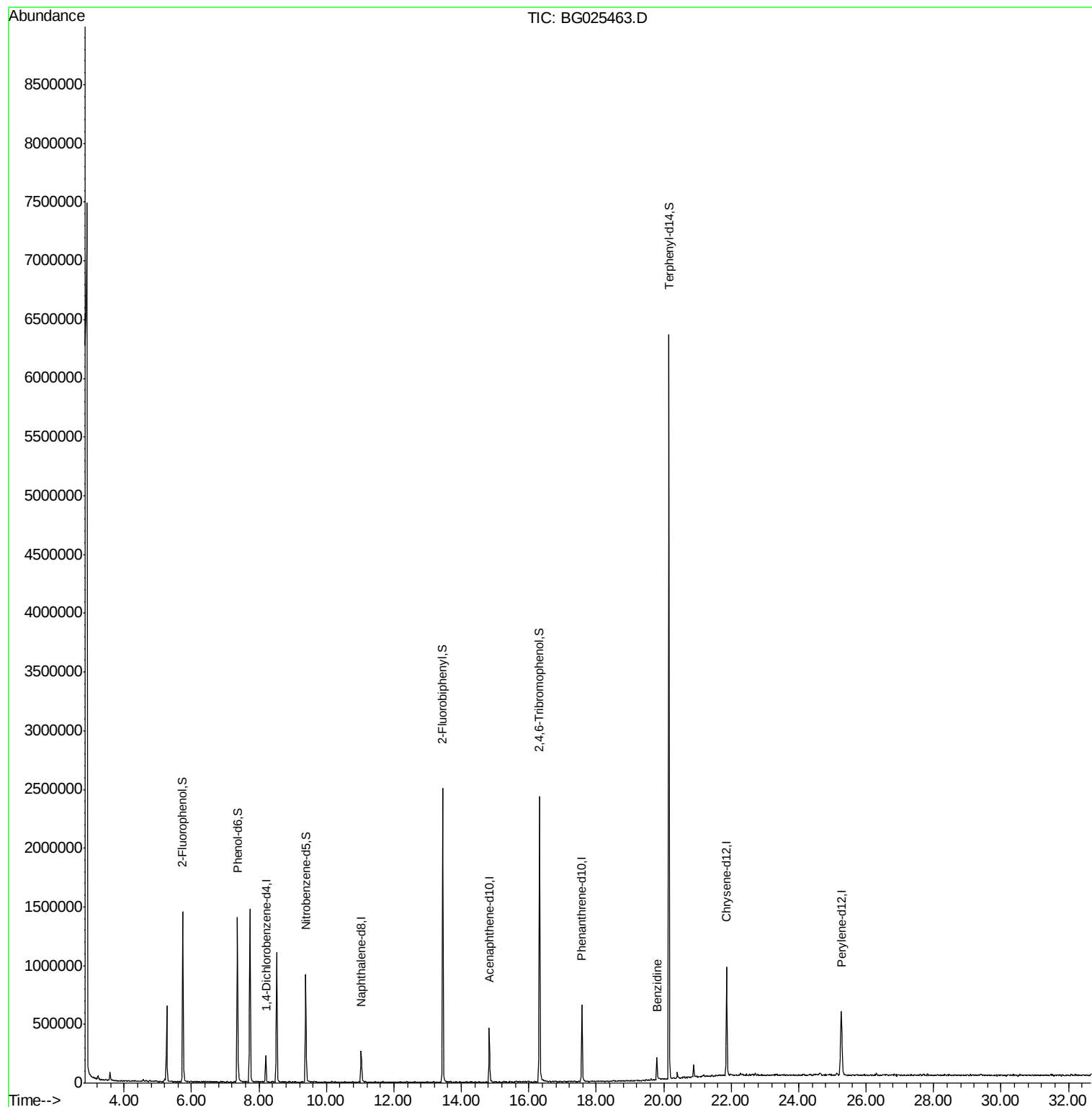
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	57856	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	229285	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	183640	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	443198	20.00	ng	0.00
75) Chrysene-d12	21.86	240	661579	20.00	ng	0.00
86) Perylene-d12	25.26	264	693097	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	554220	174.12	ng	0.00
7) Phenol-d6	7.36	99	744718	166.13	ng	0.00
23) Nitrobenzene-d5	9.38	82	598823	115.38	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	496248	167.85	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1276374	112.53	ng	0.00
78) Terphenyl-d14	20.15	244	2496613	100.06	ng	0.00
Target Compounds						
76) Benzidine	19.79	184	135651	8.22	ng	Qvalue 94

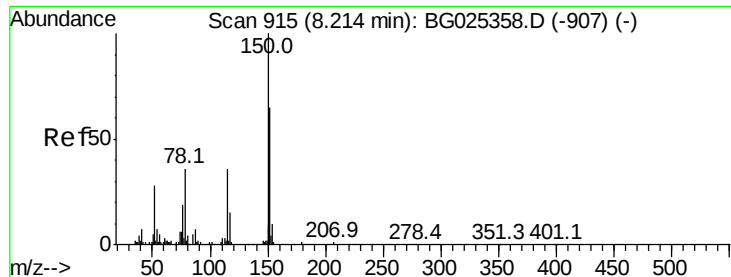
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011017\
Data File : BG025463.D
Acq On : 10 Jan 2017 22:20
Operator : UM/SJ
Sample : I1079-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
USDOT-617122-COMP-0-2

Quant Time: Jan 10 23:27:07 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
Response via : Initial Calibration



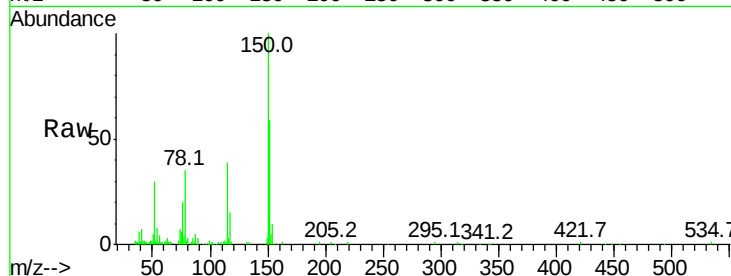


#1

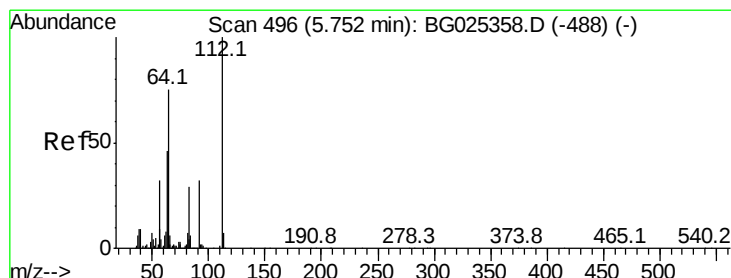
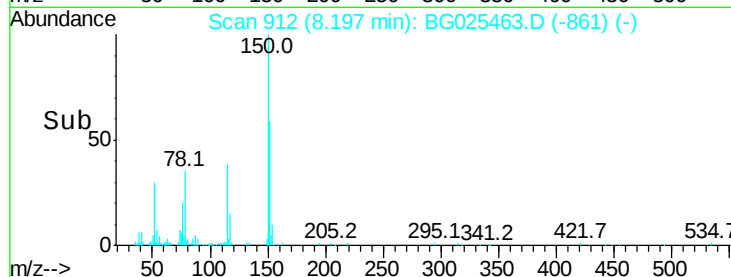
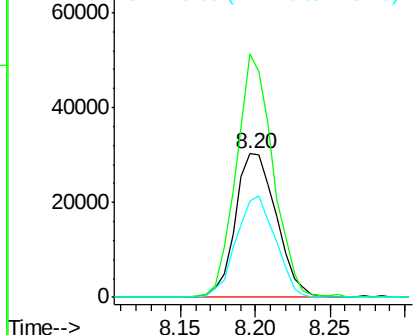
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 912
Delta R.T. -0.00 min
Lab File: BG025463.D
Acq: 10 Jan 2017 22:20

Instrument :
BNA_G
ClientSampleId :
USDOT-617122-COMP-0-2

Tot Ion:152 Resp: 57856
Ion Ratio Lower Upper
152 100
150 169.4 114.0 171.0
115 66.7 48.1 72.1



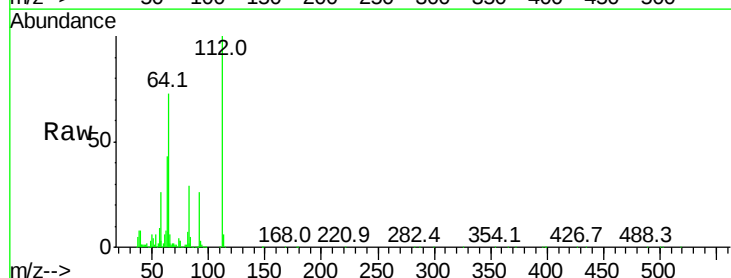
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



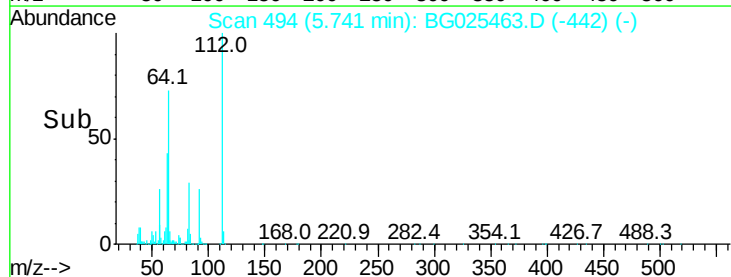
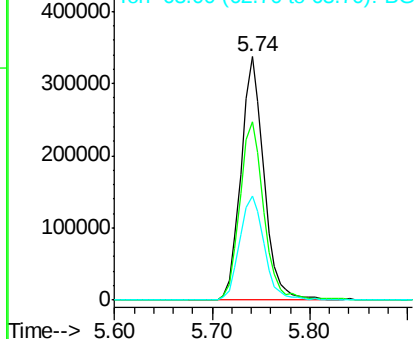
#5

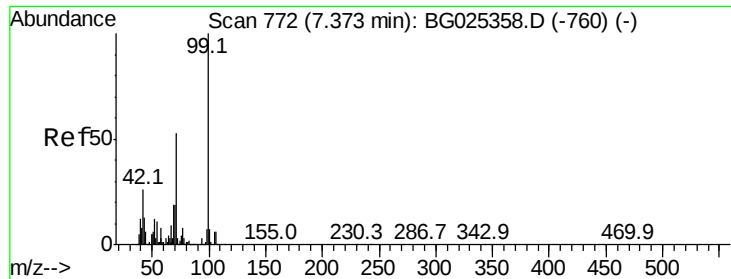
2-Fluorophenol
Concen: 174.12 ng
RT: 5.74 min Scan# 494
Delta R.T. 0.01 min
Lab File: BG025463.D
Acq: 10 Jan 2017 22:20

Tgt Ion:112 Resp: 554220
Ion Ratio Lower Upper
112 100
64 73.4 61.8 92.6
63 42.6 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: 166.13 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.01 min

Lab File: BG025463.D

Acq: 10 Jan 2017 22:20

Instrument :

BNA_G

ClientSampleId :

USDOT-617122-COMP-0-2

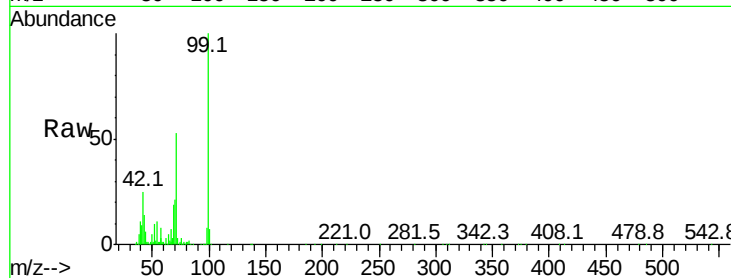
Tot Ion: 99 Resp: 744718

Ion Ratio Lower Upper

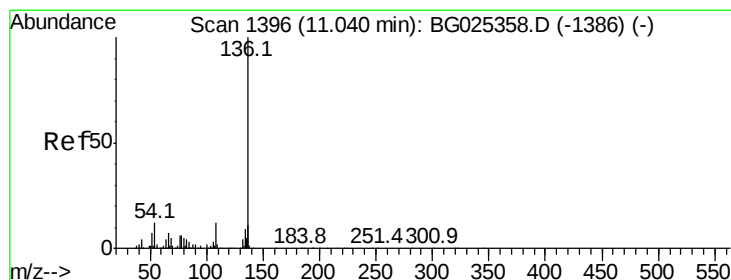
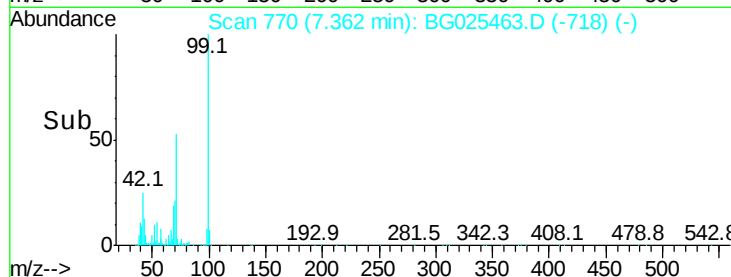
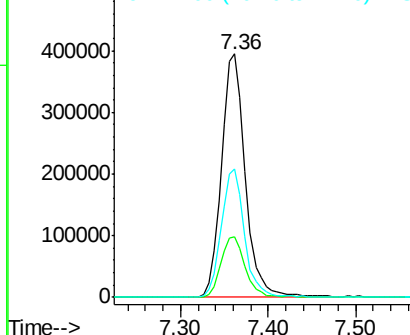
99 100

42 25.1 20.5 30.7

71 52.9 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: 20.00 ng

RT: 11.03 min Scan# 1394

Delta R.T. -0.00 min

Lab File: BG025463.D

Acq: 10 Jan 2017 22:20

Tgt Ion: 136 Resp: 229285

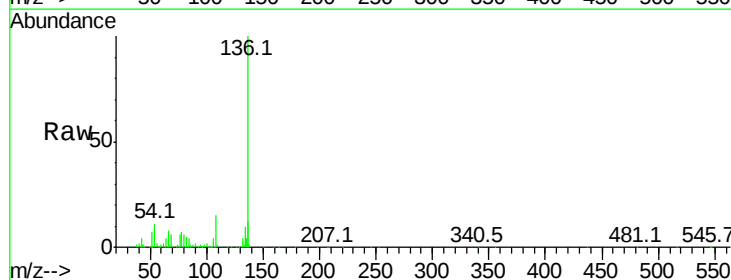
Ion Ratio Lower Upper

136 100

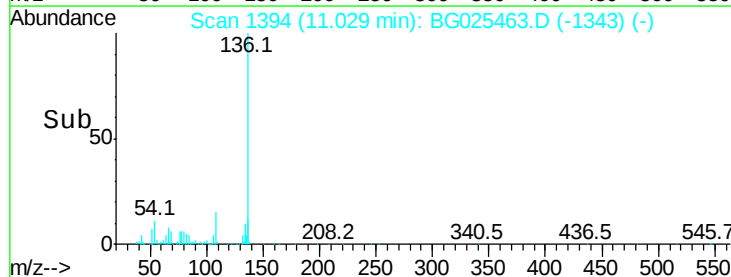
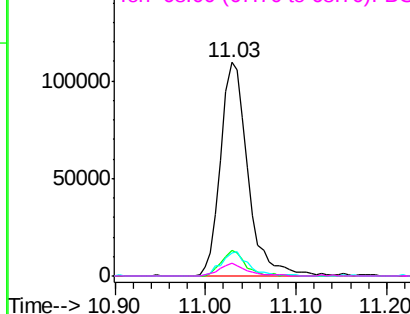
137 12.2 8.9 13.3

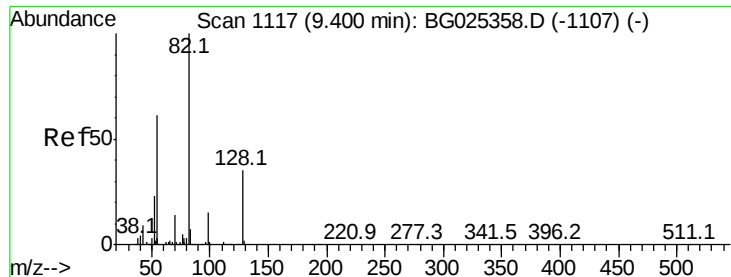
54 11.0 9.3 13.9

68 6.1 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

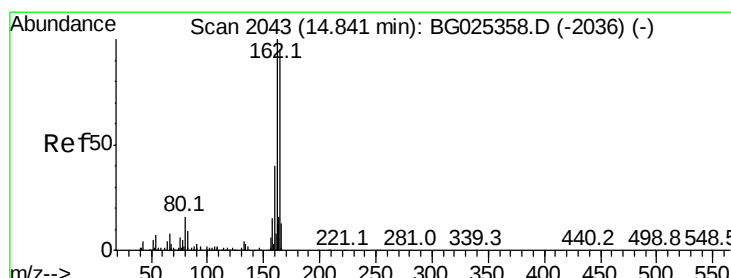
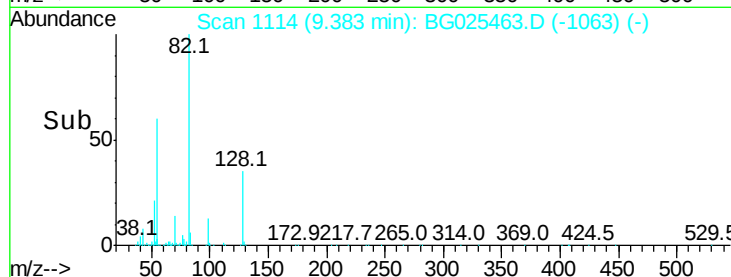
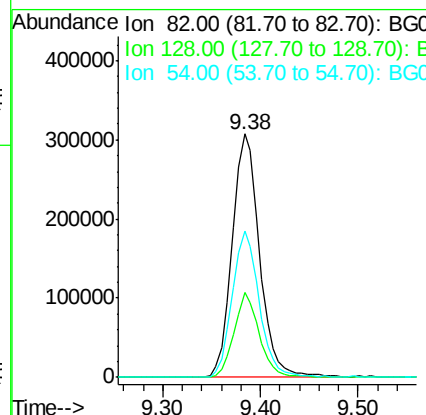
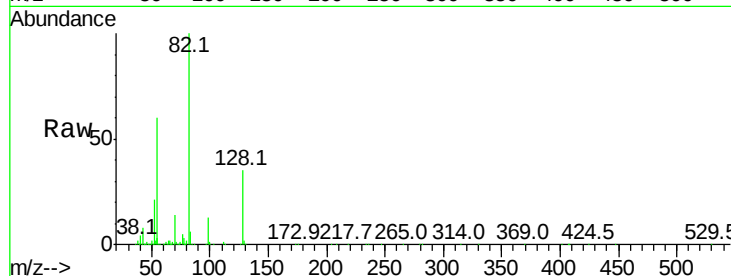




#23
 Nitrobenzene-d5
 Concen: 115.38 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BG025463.D
 Acq: 10 Jan 2017 22:20

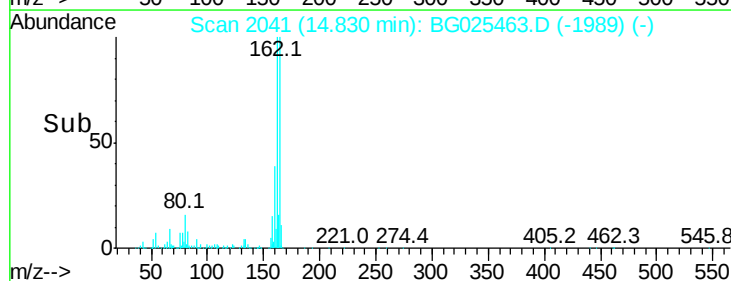
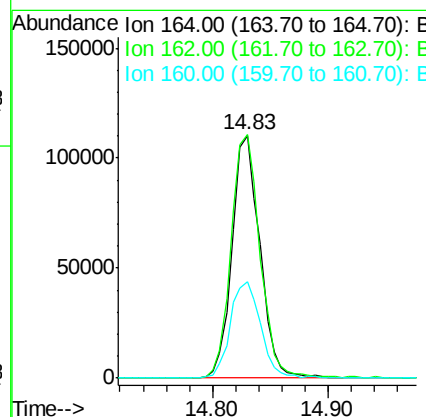
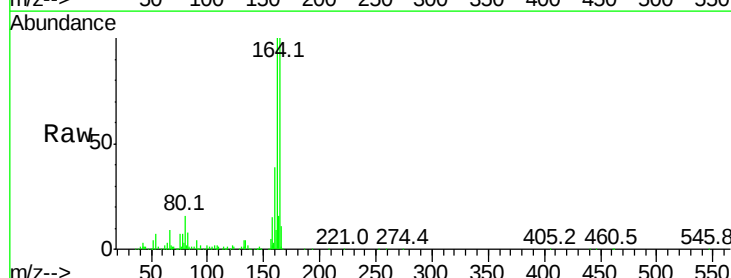
Instrument :
 BNA_G
 ClientSampleId :
 USDOT-617122-COMP-0-2

Tot Ion	82	Resp	598823
Ion Ratio	100	Lower	Upper
128	34.8	26.4	39.6
54	60.0	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.83 min Scan# 2041
 Delta R.T. 0.01 min
 Lab File: BG025463.D
 Acq: 10 Jan 2017 22:20

Tgt Ion	164	Resp	183640
Ion Ratio	100	Lower	Upper
162	100.2	85.1	127.7
160	39.5	34.7	52.1

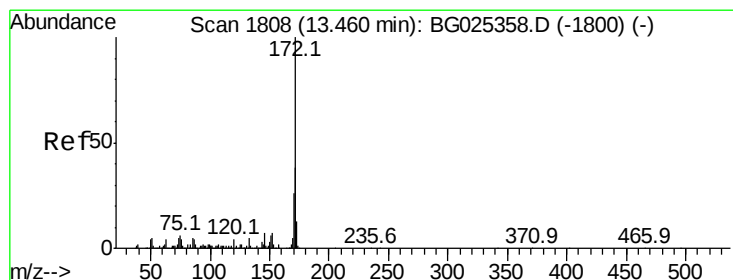
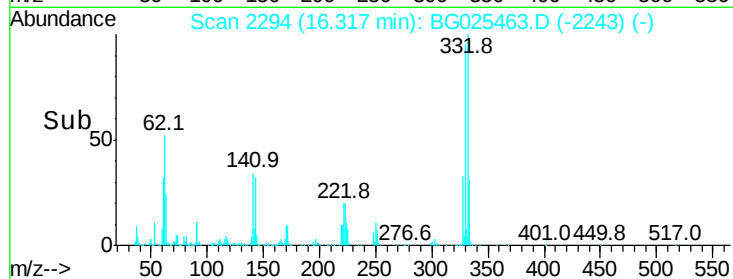
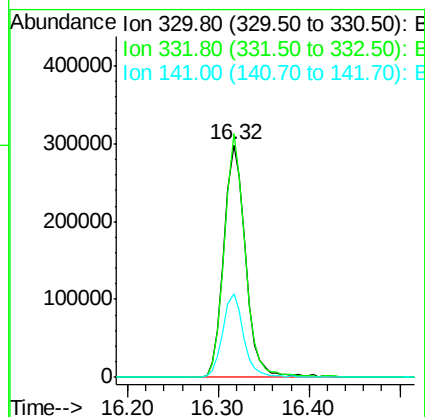
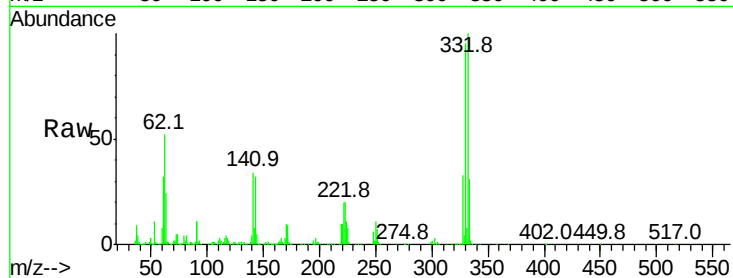




#41
 2,4,6-Tribromophenol
 Concen: 167.85 ng
 RT: 16.32 min Scan# 2294
 Delta R.T. -0.00 min
 Lab File: BG025463.D
 Acq: 10 Jan 2017 22:20

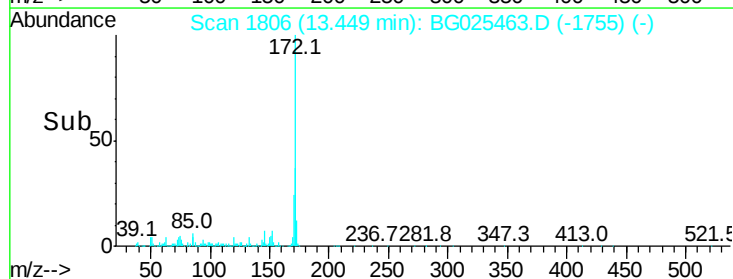
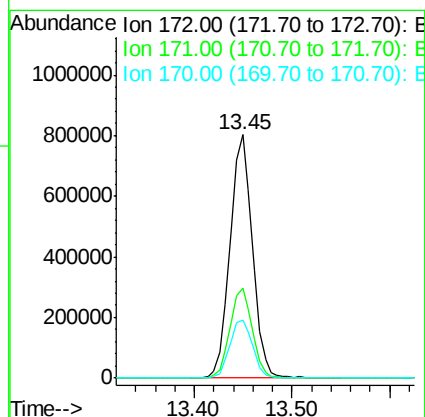
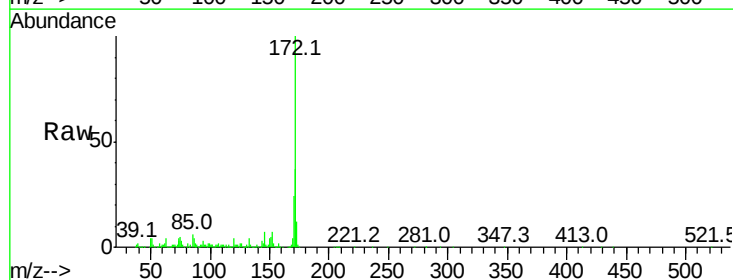
Instrument :
 BNA_G
 ClientSampleId :
 USDOT-617122-COMP-0-2

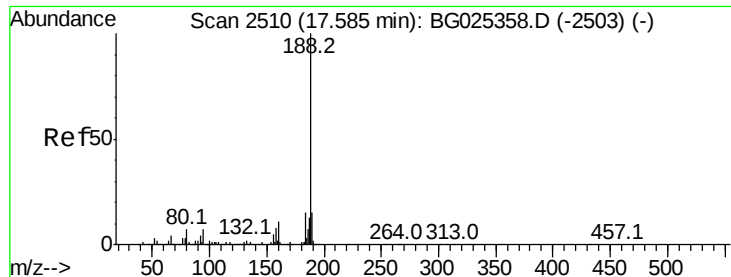
Tot Ion:330 Resp: 496248
 Ion Ratio Lower Upper
 330 100
 332 99.5 77.3 115.9
 141 34.8 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 112.53 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BG025463.D
 Acq: 10 Jan 2017 22:20

Tgt Ion:172 Resp: 1276374
 Ion Ratio Lower Upper
 172 100
 171 37.2 32.2 48.2
 170 23.8 21.8 32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. -0.00 min

Lab File: BG025463.D

Acq: 10 Jan 2017 22:20

Instrument :

BNA_G

ClientSampleId :

USDOT-617122-COMP-0-2

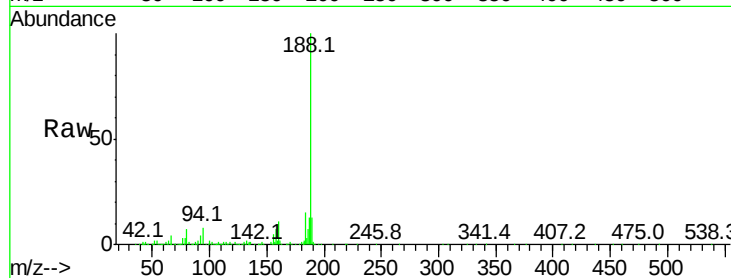
Tot Ion:188 Resp: 443198

Ion Ratio Lower Upper

188 100

94 7.6 5.8 8.8

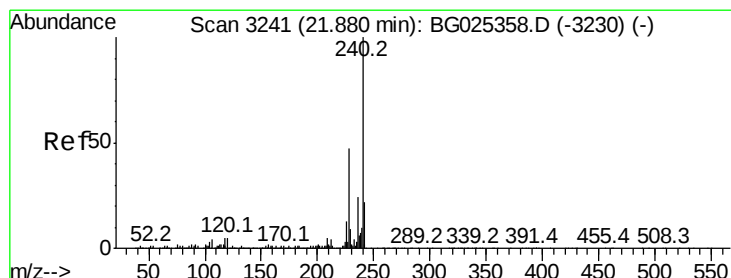
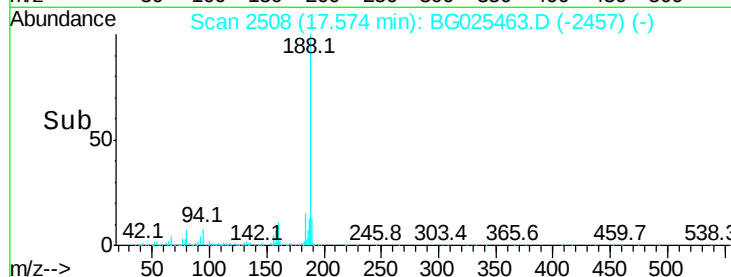
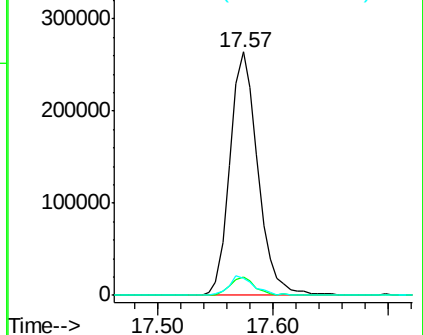
80 6.9 7.5 11.3#



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: 20.00 ng

RT: 21.86 min Scan# 3238

Delta R.T. -0.00 min

Lab File: BG025463.D

Acq: 10 Jan 2017 22:20

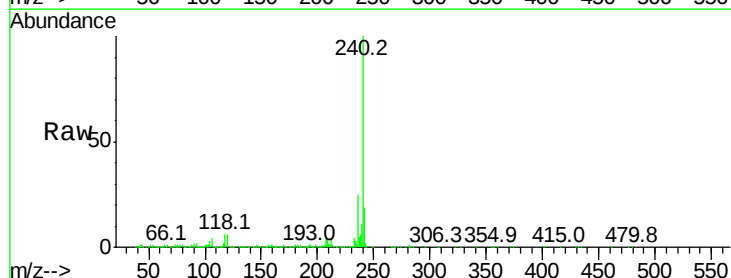
Tgt Ion:240 Resp: 661579

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

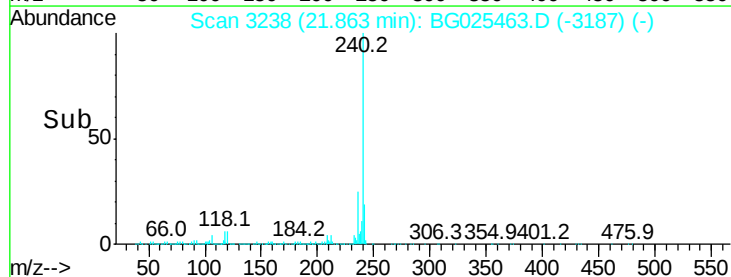
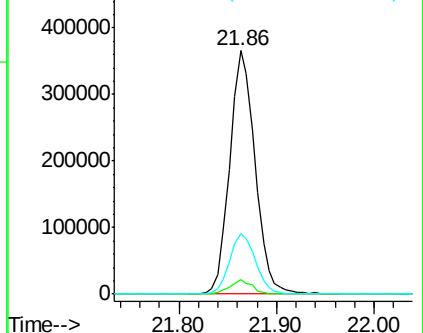
236 25.0 22.2 33.4

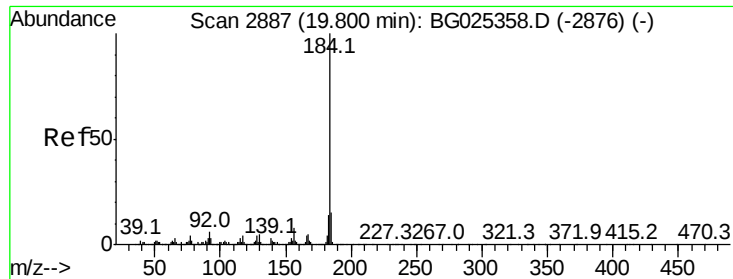


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 8.22 ng

RT: 19.79 min Scan# 2886

Delta R.T. 0.01 min

Lab File: BG025463.D

Acq: 10 Jan 2017 22:20

Instrument :

BNA_G

ClientSampleId :

USDOT-617122-COMP-0-2

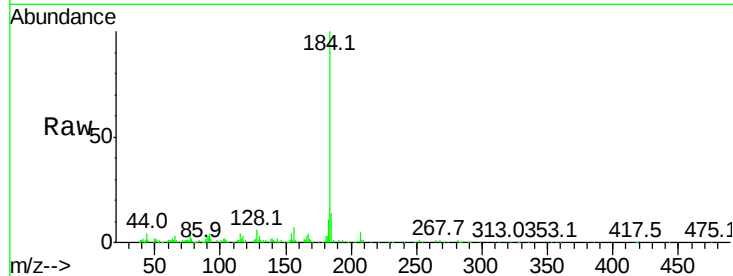
Tot Ion:184 Resp: 135651

Ion Ratio Lower Upper

184 100

185 13.6 13.0 19.6

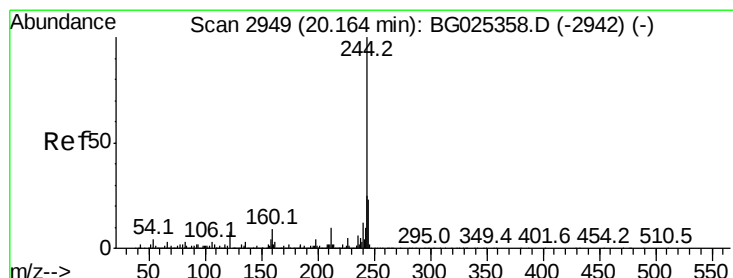
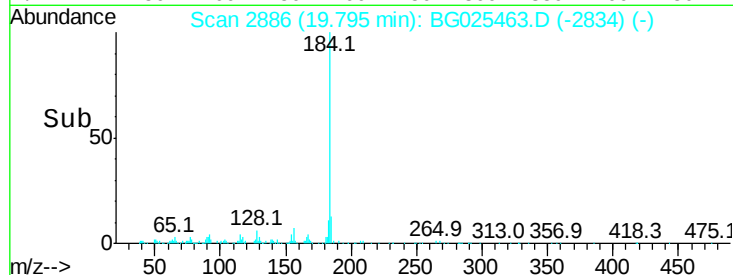
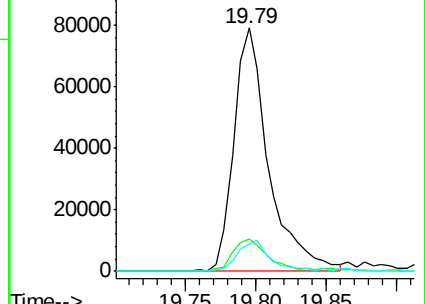
183 11.2 11.0 16.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 100.06 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG025463.D

Acq: 10 Jan 2017 22:20

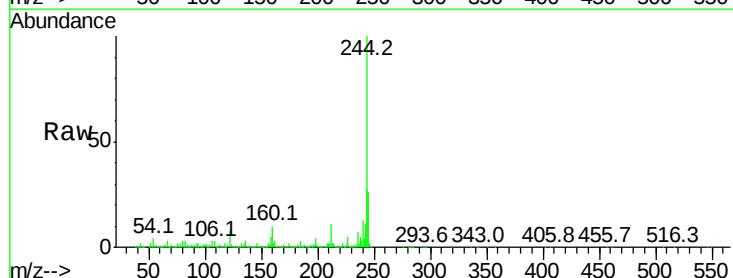
Tgt Ion:244 Resp: 2496613

Ion Ratio Lower Upper

244 100

212 10.9 10.0 15.0

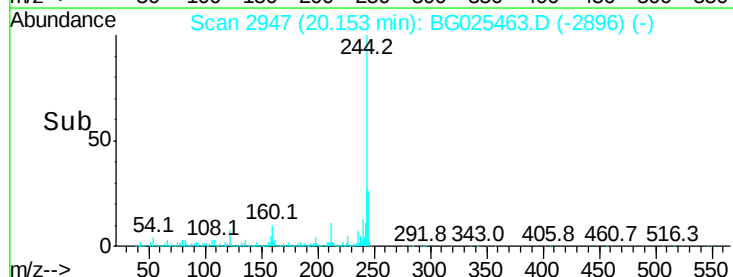
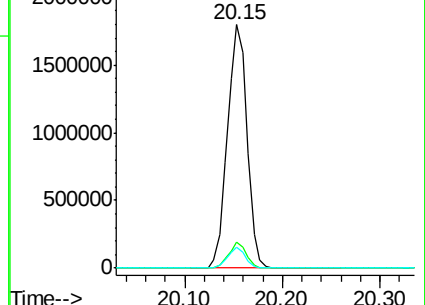
122 8.4 8.6 12.8#

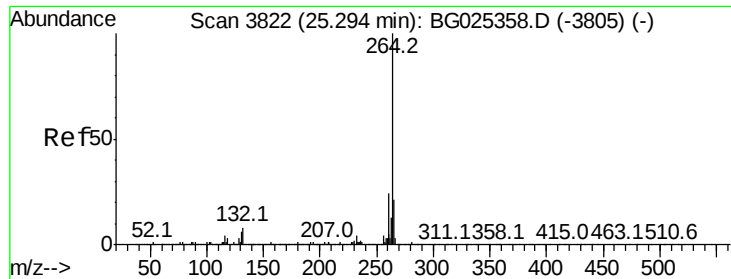


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.26 min Scan# 3816
 Delta R.T. -0.01 min
 Lab File: BG025463.D
 Acq: 10 Jan 2017 22:20

Instrument :
 BNA_G
 ClientSampleId :
 USDOT-617122-COMP-0-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	21.8	32.8
265	22.3	18.2	27.4

