

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012117\
 Data File : BG025580.D
 Acq On : 21 Jan 2017 19:25
 Operator : UM/SJ
 Sample : I1265-05RE
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-3WSRE

Quant Time: Jan 23 00:59:39 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

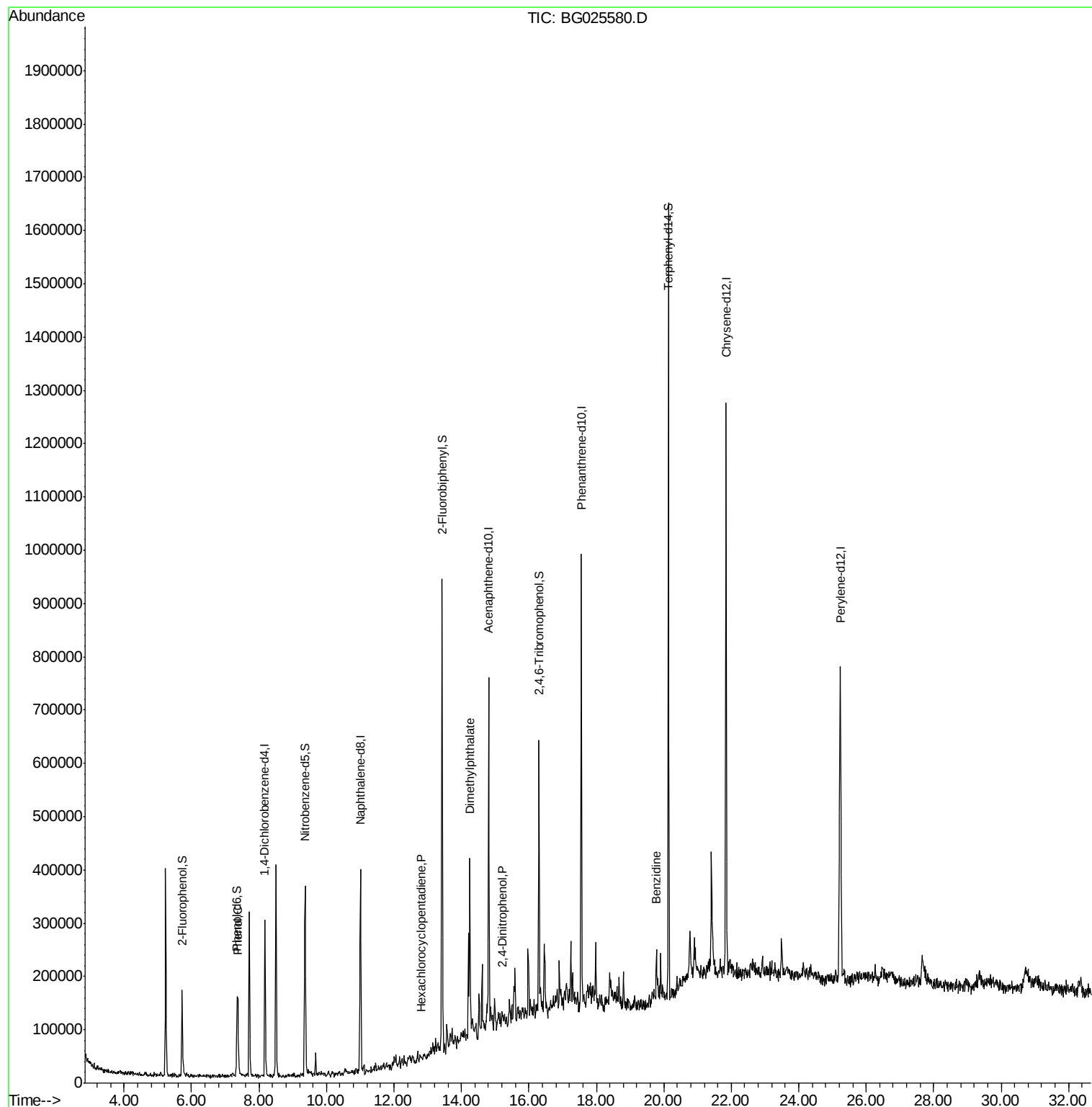
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	75887	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	297885	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	234142	20.00	ng	-0.02
63) Phenanthrene-d10	17.56	188	519116	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	718036	20.00	ng	-0.02
86) Perylene-d12	25.23	264	751058	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	68741	16.47	ng	-0.02
7) Phenol-d6	7.35	99	77065	13.11	ng	-0.01
23) Nitrobenzene-d5	9.37	82	242168	35.91	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	101559	26.94	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	436313	30.17	ng	-0.02
78) Terphenyl-d14	20.14	244	646411	23.87	ng	-0.02
Target Compounds						
10) Phenol	7.37	94	63035	9.67	ng	Qvalue 90
40) Hexachlorocyclopentadiene	12.81	237	103	8.54	ng	# 29
49) Dimethylphthalate	14.25	163	198176	11.61	ng	96
53) 2,4-Dinitrophenol	15.22	184	240	5.17	ng	87
76) Benzidine	19.78	184	63776	3.56	ng	# 94

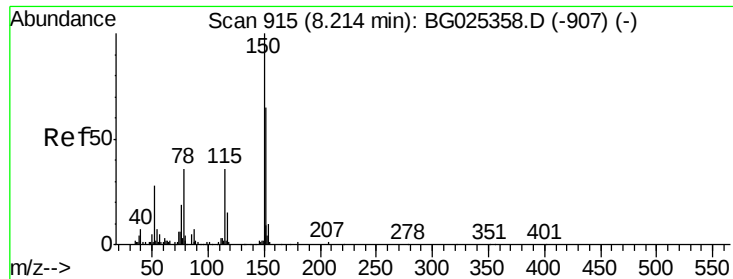
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012117\
Data File : BG025580.D
Acq On : 21 Jan 2017 19:25
Operator : UM/SJ
Sample : I1265-05RE
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-3WSRE

Quant Time: Jan 23 00:59:39 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: 8.18 min Scan# 909

Delta R.T. -0.02 min

Lab File: BG025580.D

Acq: 21 Jan 2017 19:25

Instrument :

BNA_G

ClientSampleId :

B-3WSRE

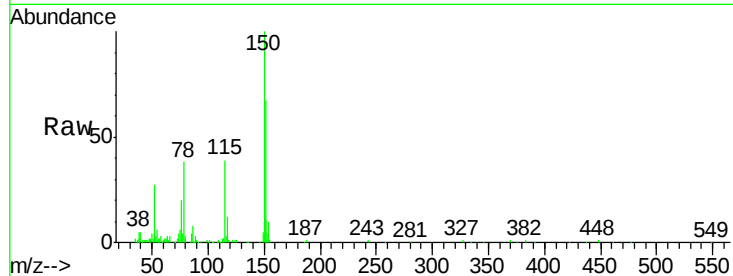
Tgt Ion:152 Resp: 75887

Ion Ratio Lower Upper

152 100

150 149.1 114.0 171.0

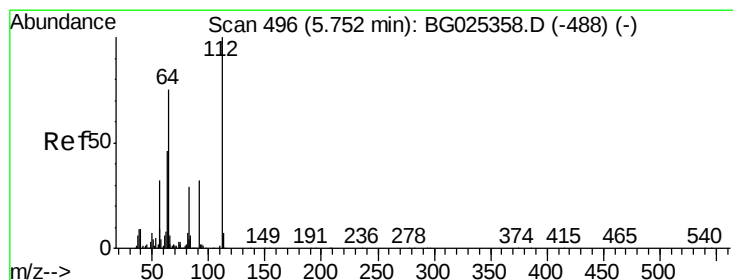
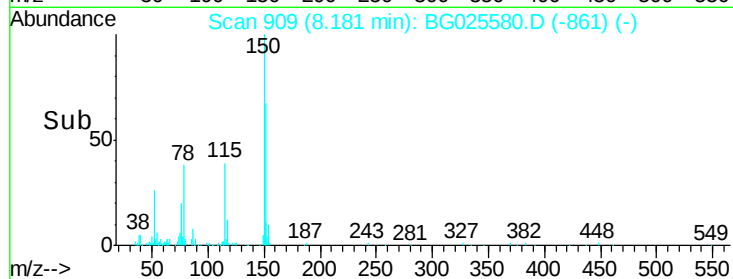
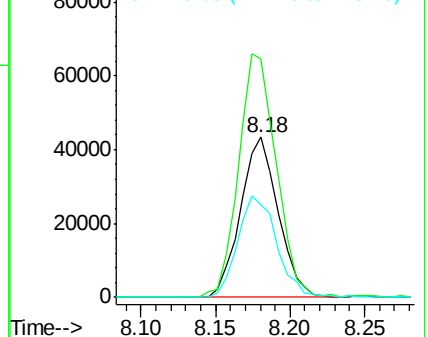
115 58.0 48.1 72.1



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: 16.47 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.02 min

Lab File: BG025580.D

Acq: 21 Jan 2017 19:25

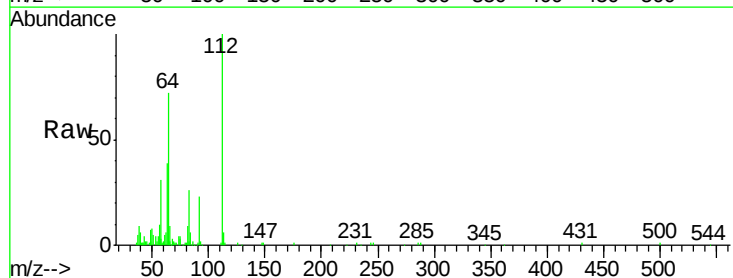
Tgt Ion:112 Resp: 68741

Ion Ratio Lower Upper

112 100

64 71.9 61.8 92.6

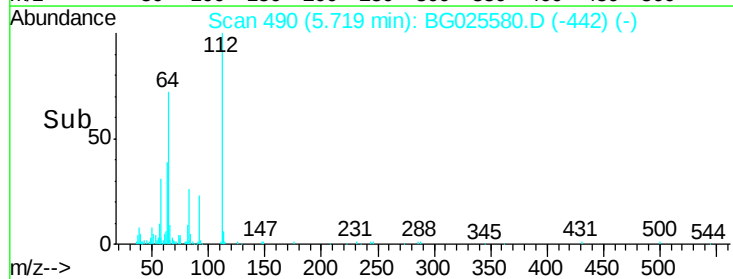
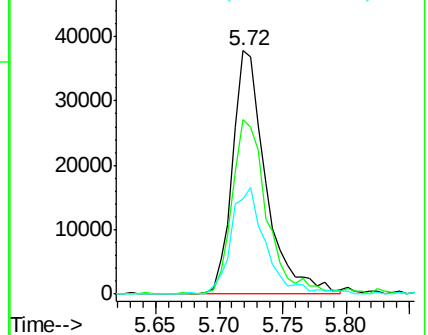
63 39.1 37.2 55.8

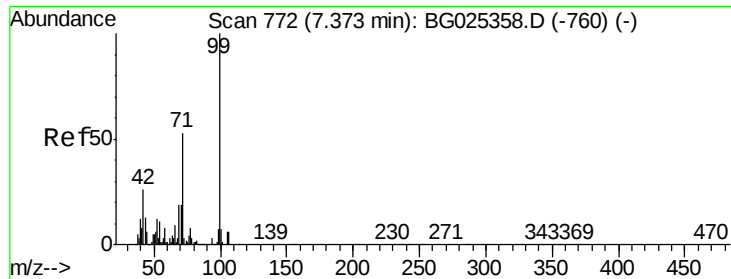


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 13.11 ng

RT: 7.35 min Scan# 767

Delta R.T. -0.01 min

Lab File: BG025580.D

Acq: 21 Jan 2017 19:25

Instrument :

BNA_G

ClientSampleId :

B-3WSRE

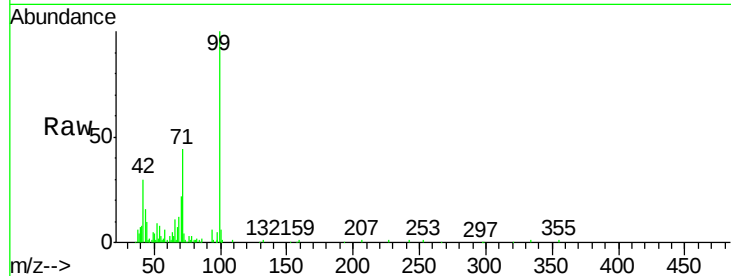
Tgt Ion: 99 Resp: 77065

Ion Ratio Lower Upper

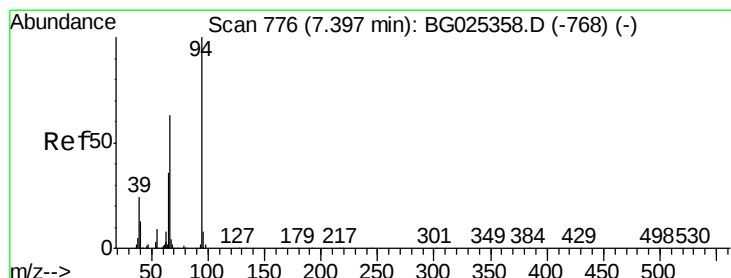
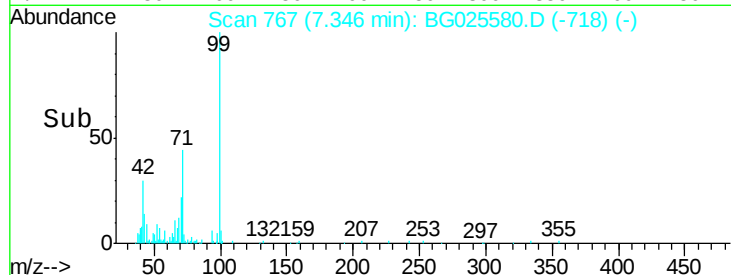
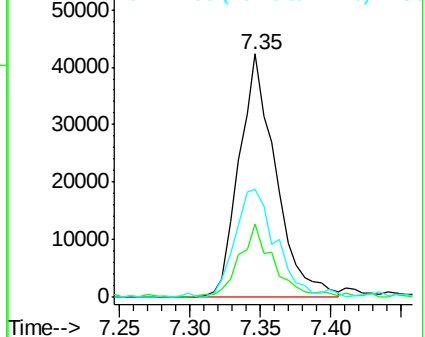
99 100

42 30.4 20.5 30.7

71 44.2 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



#10

Phenol

Concen: 9.67 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.02 min

Lab File: BG025580.D

Acq: 21 Jan 2017 19:25

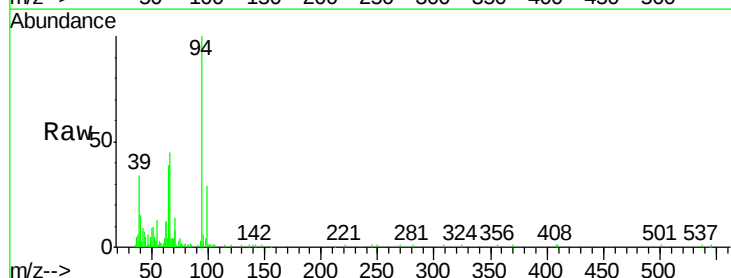
Tgt Ion: 94 Resp: 63035

Ion Ratio Lower Upper

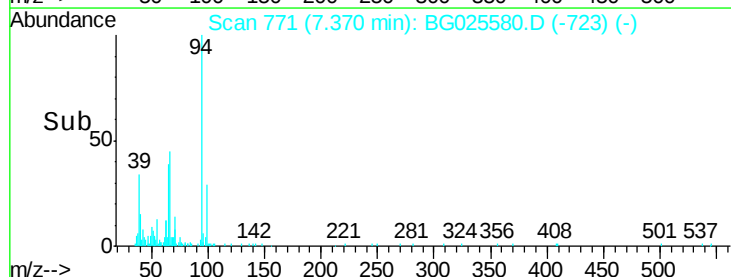
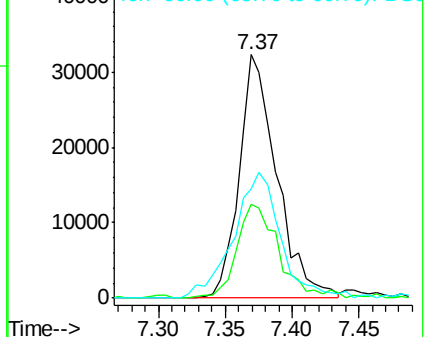
94 100

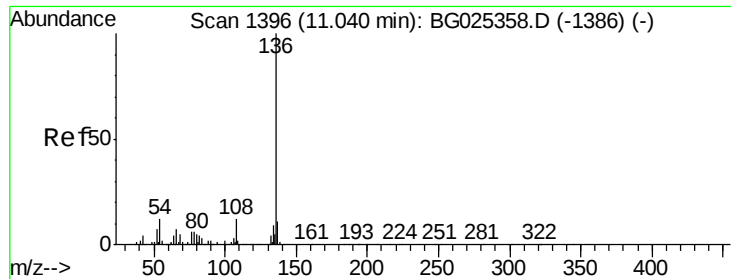
65 38.8 20.6 60.6

66 44.8 35.5 75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

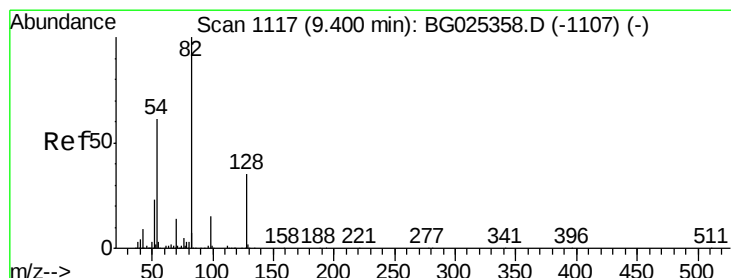
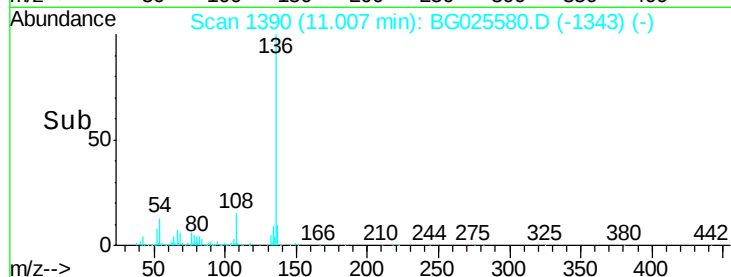
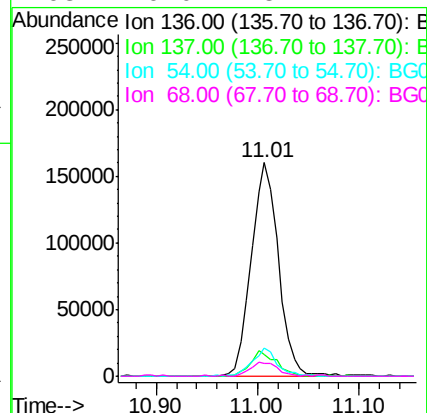
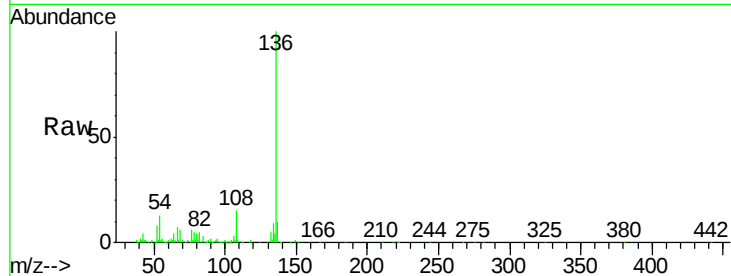




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.01 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BG025580.D
Acq: 21 Jan 2017 19:25

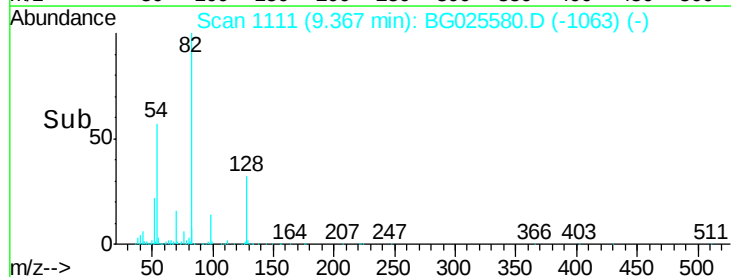
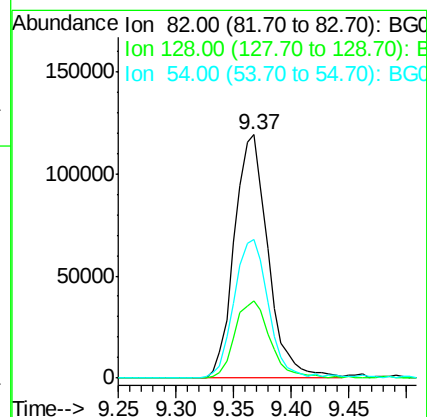
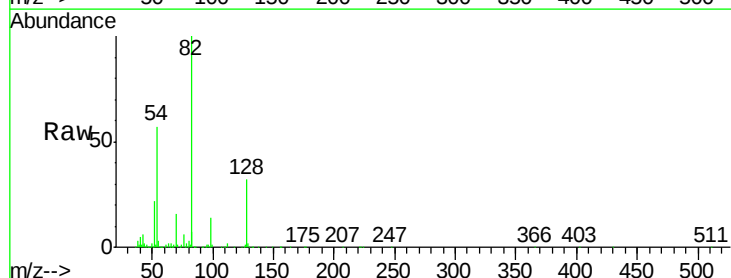
Instrument :
BNA_G
ClientSampleId :
B-3WSRE

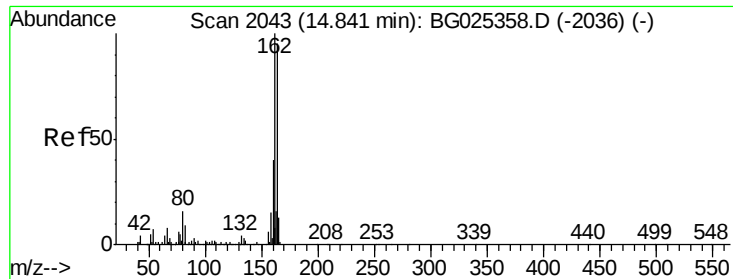
Tgt Ion:	136	Resp:	297885
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	13.0	9.3	13.9
68	6.0	5.1	7.7



#23
Nitrobenzene-d5
Concen: 35.91 ng
RT: 9.37 min Scan# 1111
Delta R.T. -0.02 min
Lab File: BG025580.D
Acq: 21 Jan 2017 19:25

Tgt Ion:	82	Resp:	242168
Ion	Ratio	Lower	Upper
82	100		
128	31.9	26.4	39.6
54	56.8	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BG025580.D

Acq: 21 Jan 2017 19:25

Instrument :

BNA_G

ClientSampleId :

B-3WSRE

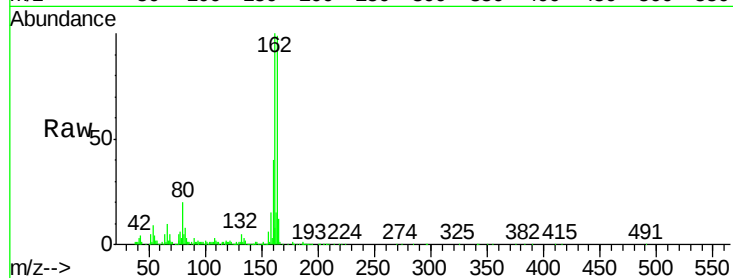
Tgt Ion:164 Resp: 234142

Ion Ratio Lower Upper

164 100

162 100.7 85.1 127.7

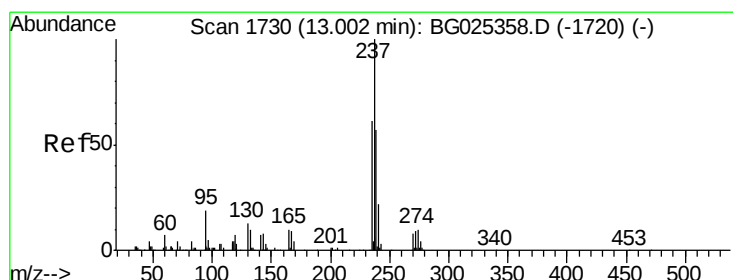
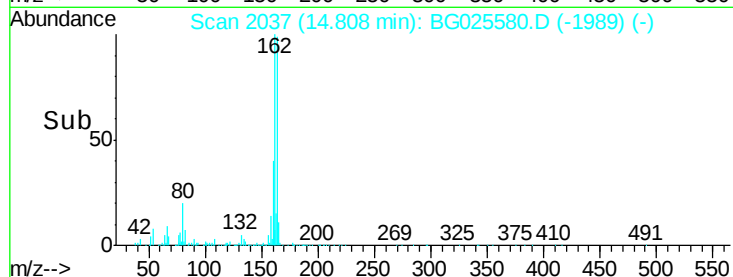
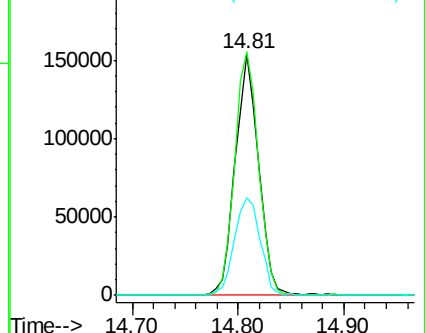
160 40.5 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

Hexachlorocyclopentadiene

Concen: 8.54 ng

RT: 12.81 min Scan# 1697

Delta R.T. -0.18 min

Lab File: BG025580.D

Acq: 21 Jan 2017 19:25

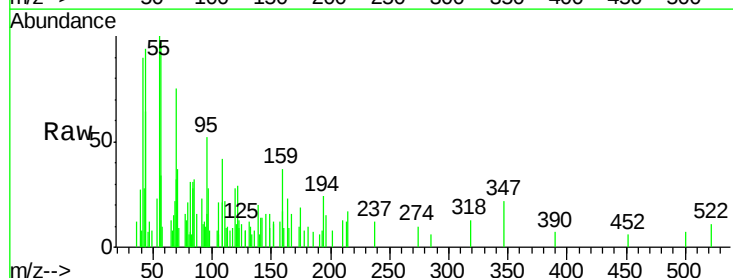
Tgt Ion:237 Resp: 103

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

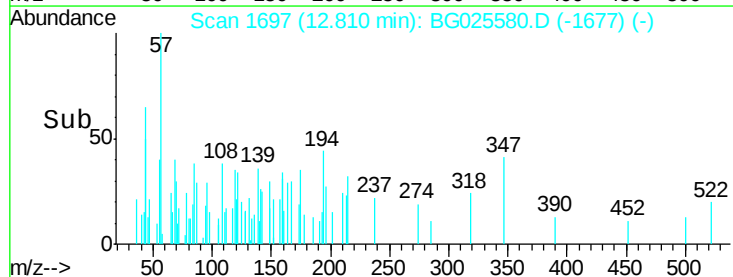
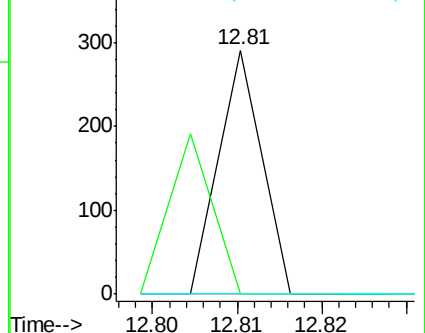
272 0.0 0.0 32.0

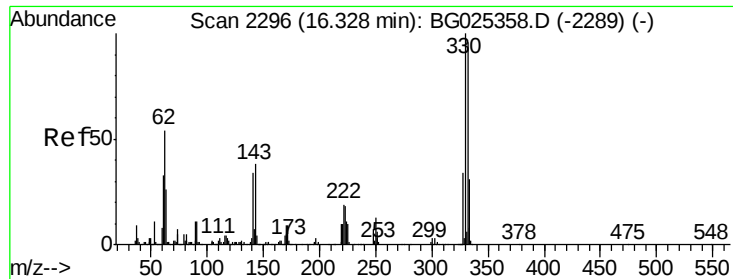


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

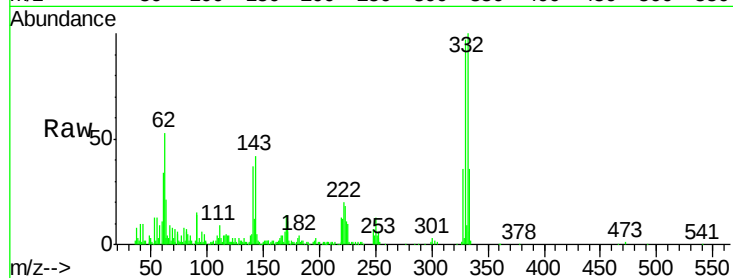




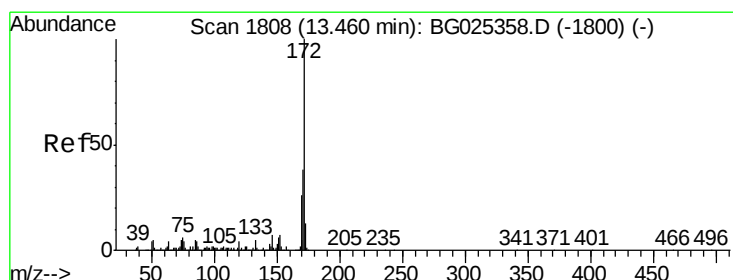
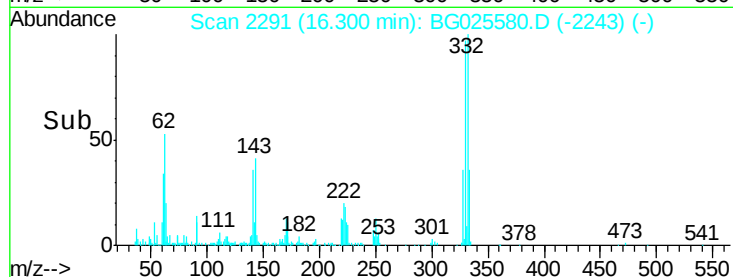
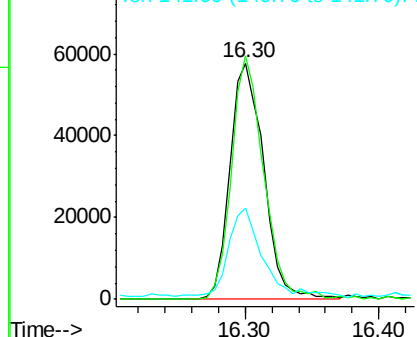
#41
 2,4,6-Tribromophenol
 Concen: 26.94 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.02 min
 Lab File: BG025580.D
 Acq: 21 Jan 2017 19:25

Instrument :
 BNA_G
 ClientSampleId :
 B-3WSRE

Tgt Ion:	330	Resp:	101559
Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.3	115.9
141	38.9	32.1	48.1

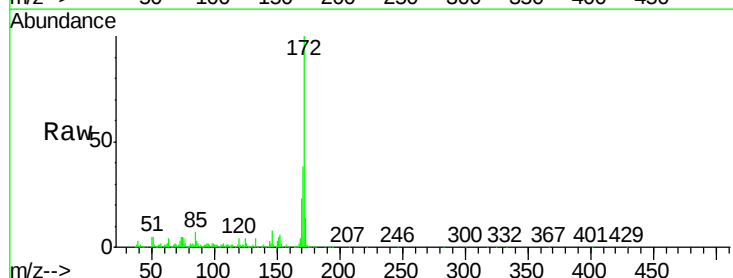


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

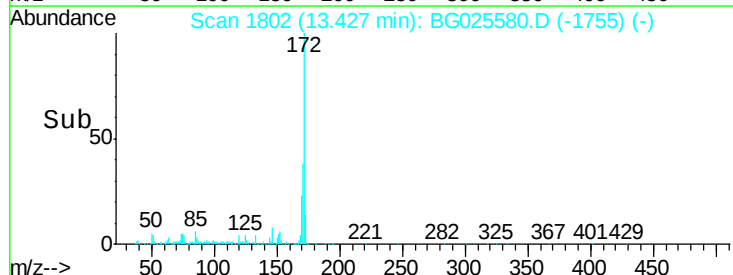
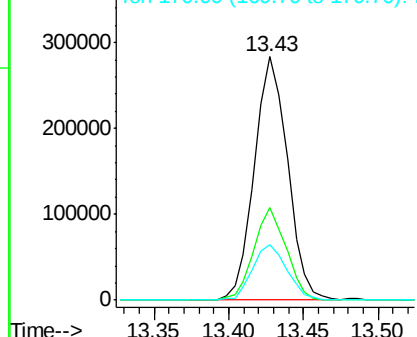


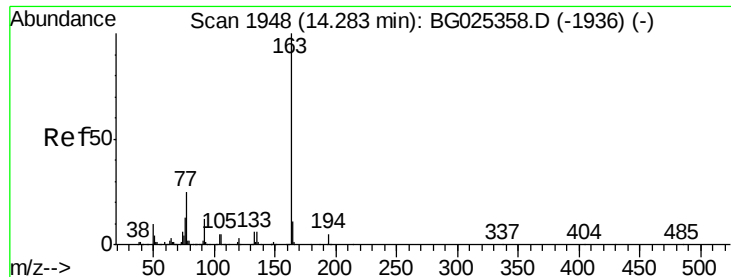
#44
 2-Fluorobiphenyl
 Concen: 30.17 ng
 RT: 13.43 min Scan# 1802
 Delta R.T. -0.02 min
 Lab File: BG025580.D
 Acq: 21 Jan 2017 19:25

Tgt Ion:	172	Resp:	436313
Ion	Ratio	Lower	Upper
172	100		
171	37.8	32.2	48.2
170	22.6	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





#49

Dimethylphthalate

Concen: 11.61 ng

RT: 14.25 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG025580.D

Acq: 21 Jan 2017 19:25

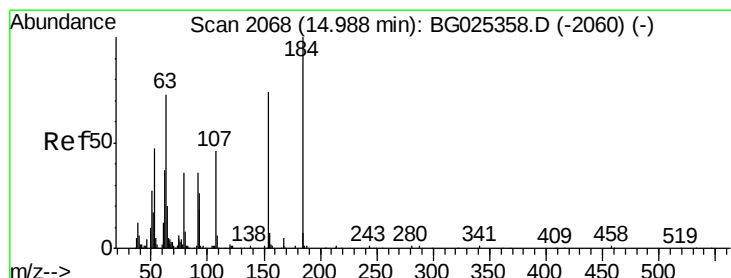
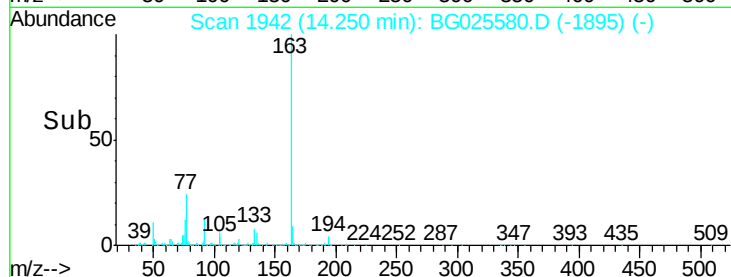
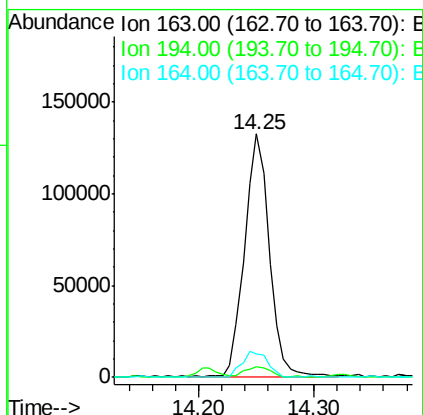
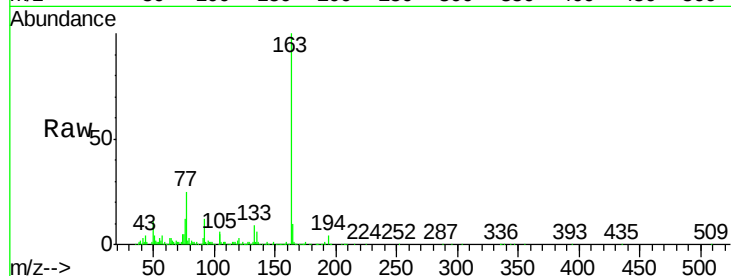
Instrument :

BNA_G

ClientSampleId :

B-3WSRE

Tgt Ion:	163	Resp:	198176
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.8	5.6
164	9.6	9.3	13.9



#53

2,4-Dinitrophenol

Concen: 5.17 ng

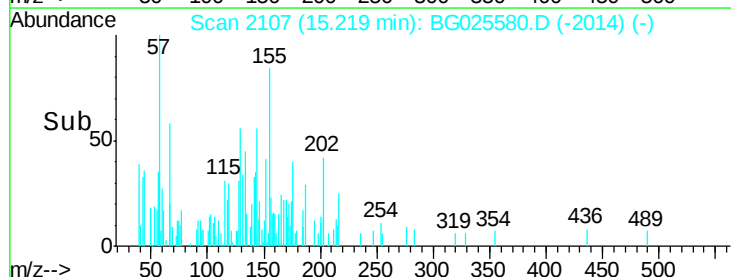
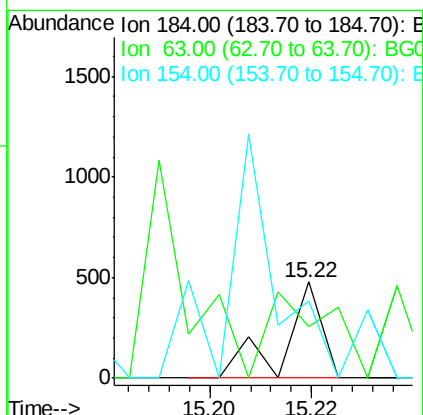
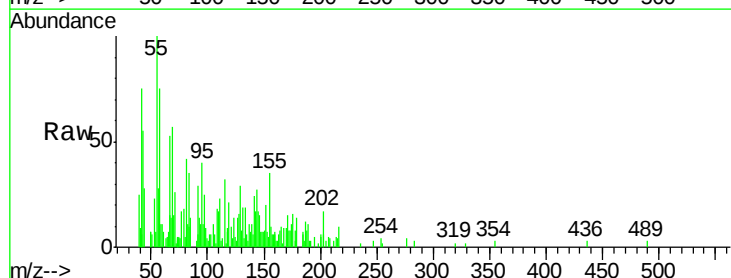
RT: 15.22 min Scan# 2107

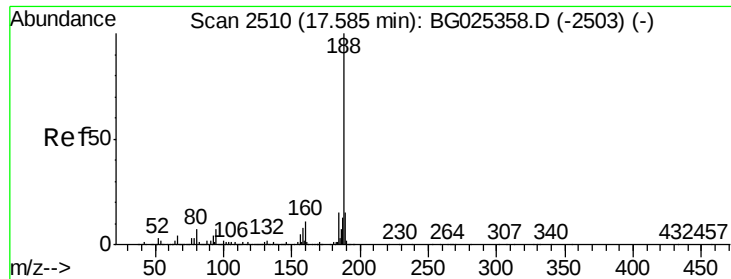
Delta R.T. 0.25 min

Lab File: BG025580.D

Acq: 21 Jan 2017 19:25

Tgt Ion:	184	Resp:	240
Ion	Ratio	Lower	Upper
184	100		
63	53.6	52.7	79.1
154	79.9	57.3	85.9

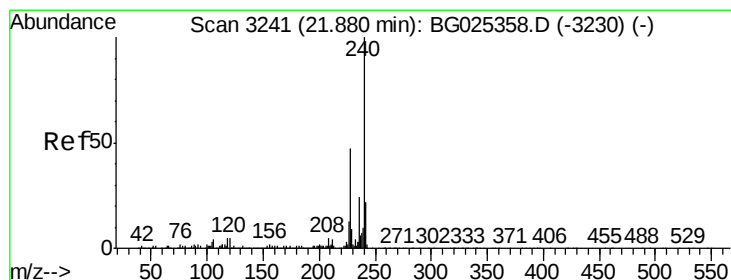
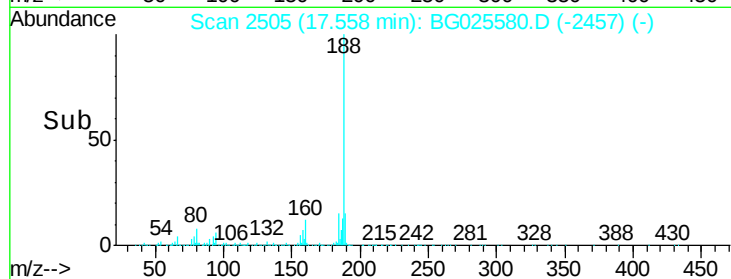
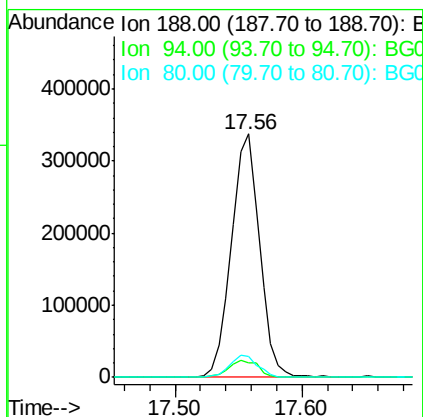
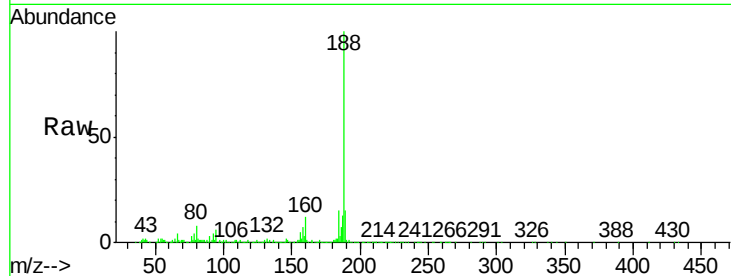




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.02 min
Lab File: BG025580.D
Acq: 21 Jan 2017 19:25

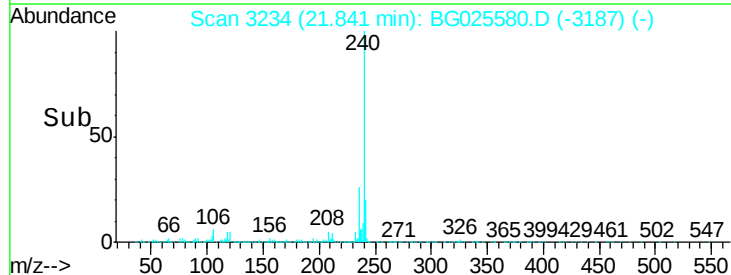
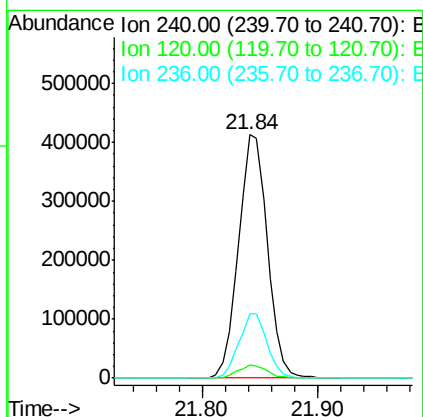
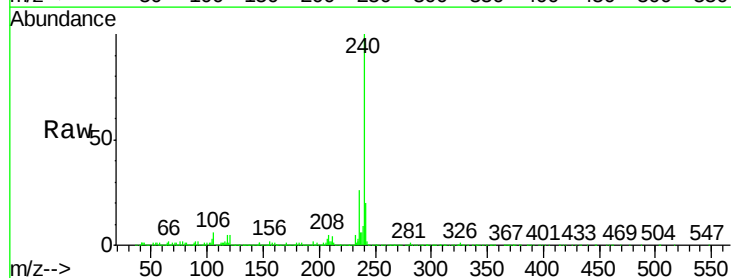
Instrument :
BNA_G
ClientSampleId :
B-3WSRE

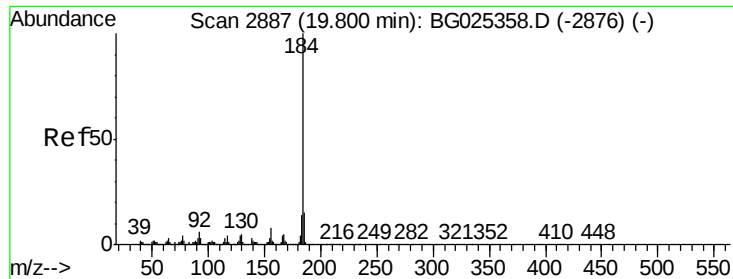
Tgt Ion:188 Resp: 519116
Ion Ratio Lower Upper
188 100
94 6.0 5.8 8.8
80 8.4 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3234
Delta R.T. -0.02 min
Lab File: BG025580.D
Acq: 21 Jan 2017 19:25

Tgt Ion:240 Resp: 718036
Ion Ratio Lower Upper
240 100
120 5.4 5.7 8.5#
236 26.3 22.2 33.4





#76

Benzidine

Concen: 3.56 ng

RT: 19.78 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BG025580.D

Acq: 21 Jan 2017 19:25

Instrument :

BNA_G

ClientSampleId :

B-3WSRE

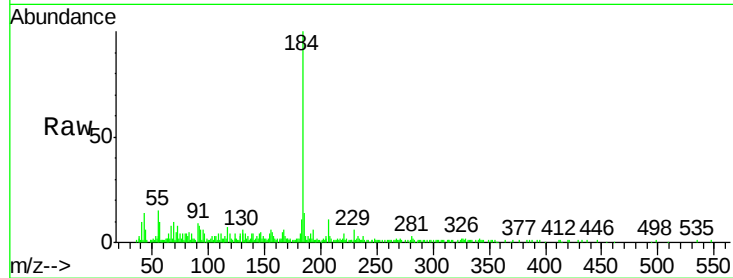
Tgt Ion:184 Resp: 63776

Ion Ratio Lower Upper

184 100

185 14.3 13.0 19.6

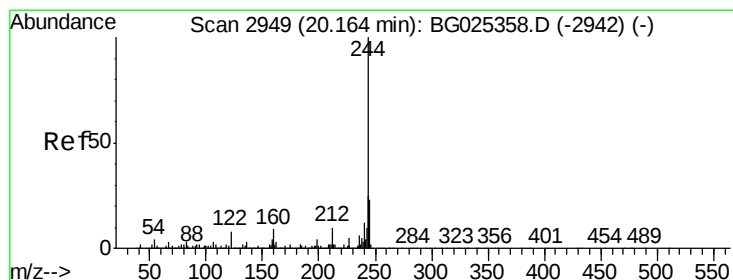
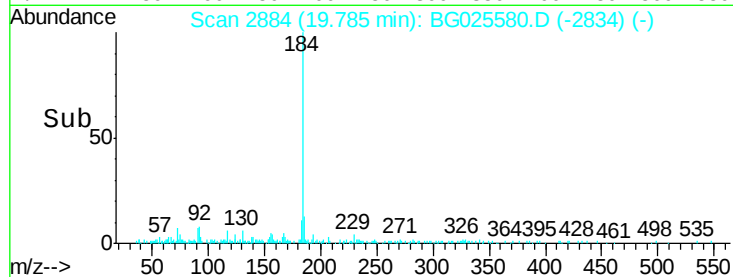
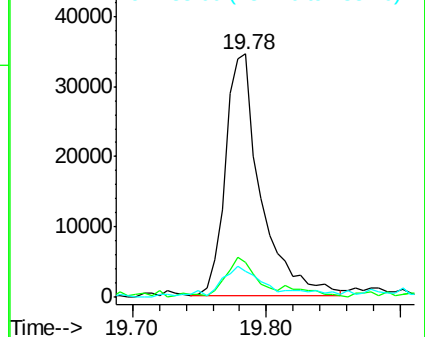
183 10.6 11.0 16.6#



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: 23.87 ng

RT: 20.14 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG025580.D

Acq: 21 Jan 2017 19:25

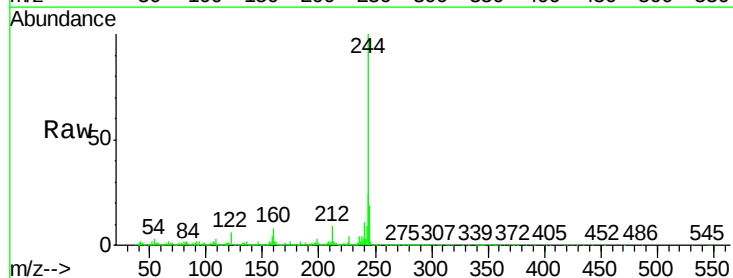
Tgt Ion:244 Resp: 646411

Ion Ratio Lower Upper

244 100

212 9.0 10.0 15.0#

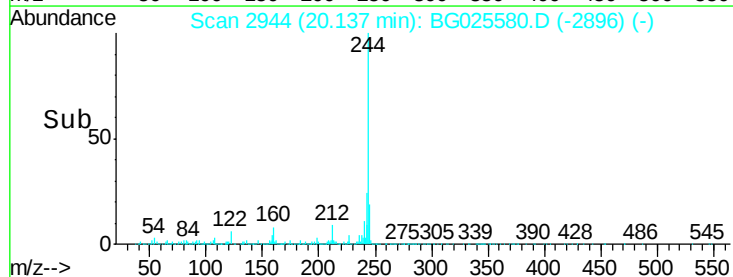
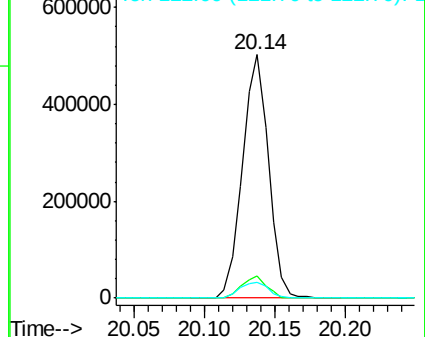
122 6.3 8.6 12.8#

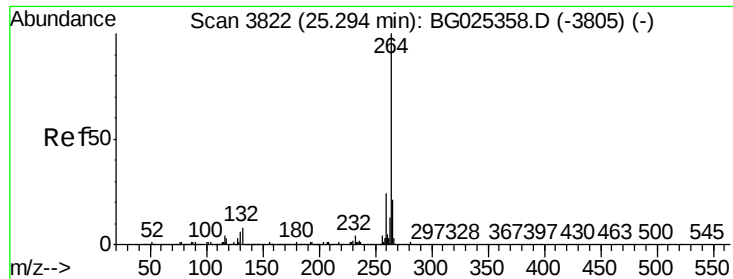


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.23 min Scan# 3810
Delta R.T. -0.04 min
Lab File: BG025580.D
Acq: 21 Jan 2017 19:25

Instrument :
BNA_G
ClientSampleId :
B-3WSRE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	21.8	32.8
265	22.5	18.2	27.4

