

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012017\
 Data File : BG025558.D
 Acq On : 21 Jan 2017 4:44
 Operator : UM/SJ
 Sample : I1347-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T2-0-2FT-COMP

Quant Time: Jan 21 05:39:11 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

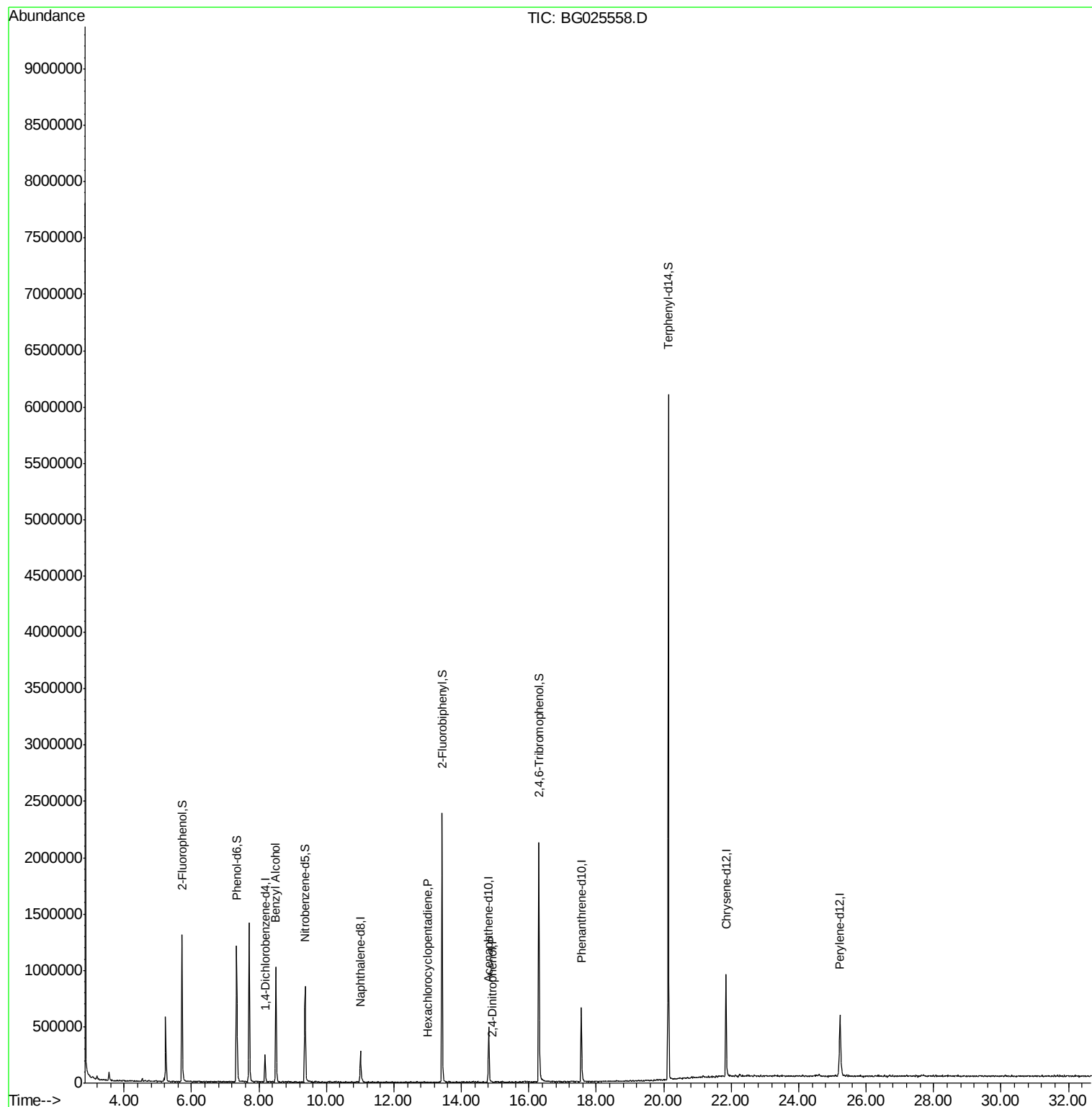
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	58830	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	240711	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	184370	20.00	ng	-0.02
63) Phenanthrene-d10	17.56	188	446279	20.00	ng	-0.02
75) Chrysene-d12	21.85	240	653342	20.00	ng	-0.02
86) Perylene-d12	25.23	264	676481	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	488145	150.82	ng	-0.02
7) Phenol-d6	7.34	99	626166	137.37	ng	-0.02
23) Nitrobenzene-d5	9.36	82	558734	102.54	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	446946	150.57	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	1199030	105.29	ng	-0.02
78) Terphenyl-d14	20.14	244	2411033	97.85	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.50	79	10906	2.51	ng	# 42
40) Hexachlorocyclopentadiene	13.00	237	79	8.54	ng	# 29
53) 2,4-Dinitrophenol	14.92	184	109	5.13	ng	# 7

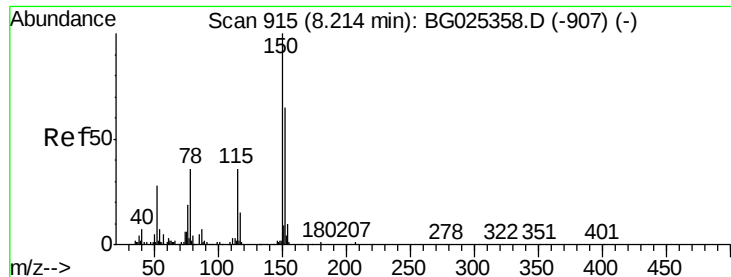
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 909

Delta R.T. -0.02 min

Lab File: BG025558.D

Acq: 21 Jan 2017 4:44

Instrument :

BNA_G

ClientSampleId :

T2-0-2FT-COMP

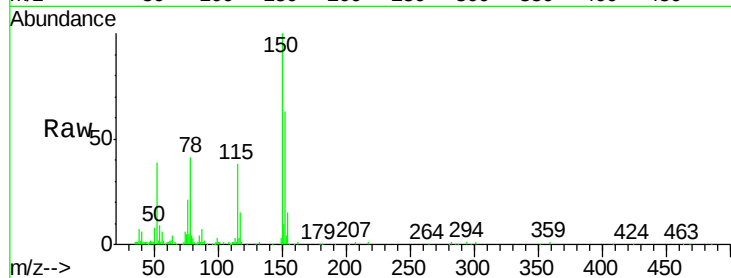
Tgt Ion:152 Resp: 58830

Ion Ratio Lower Upper

152 100

150 157.8 114.0 171.0

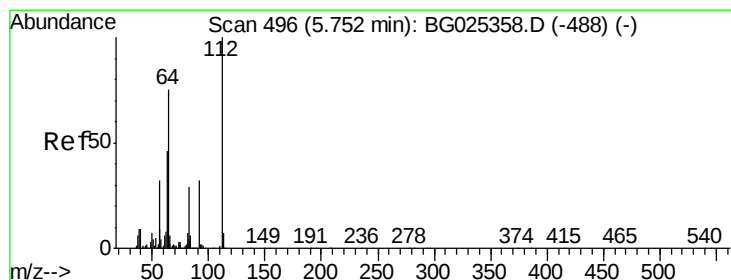
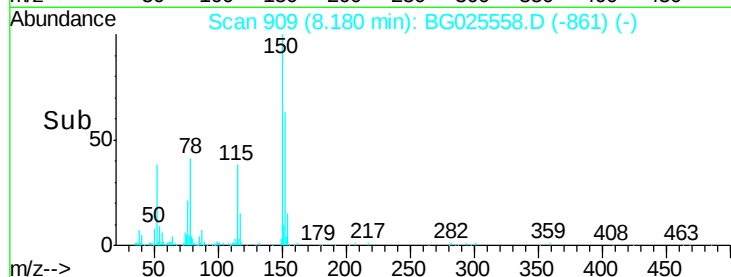
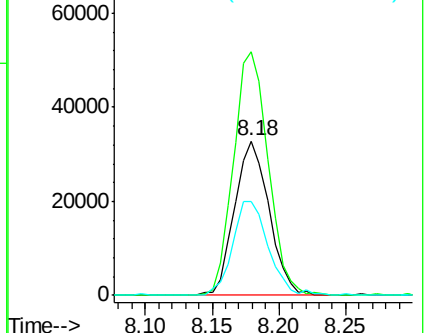
115 60.5 48.1 72.1



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: 150.82 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.02 min

Lab File: BG025558.D

Acq: 21 Jan 2017 4:44

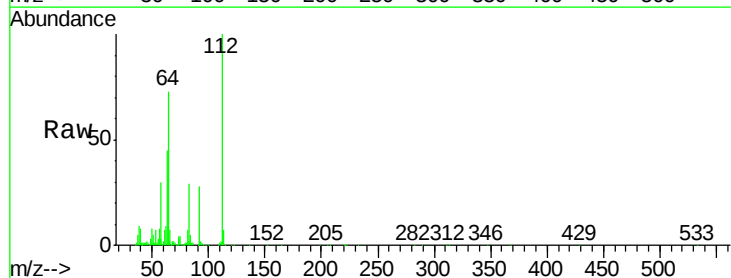
Tgt Ion:112 Resp: 488145

Ion Ratio Lower Upper

112 100

64 72.6 61.8 92.6

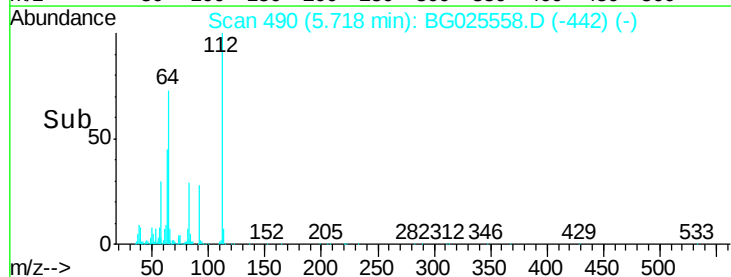
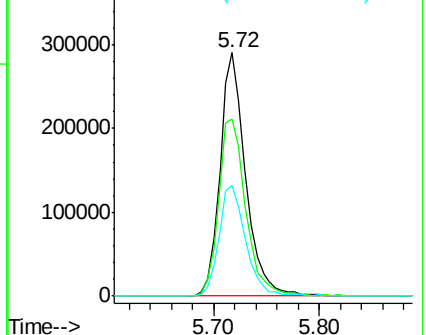
63 45.2 37.2 55.8

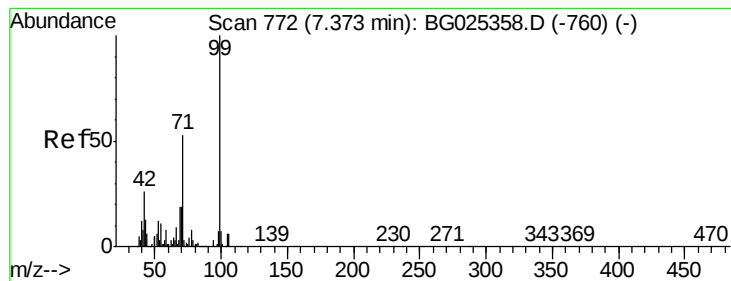


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 137.37 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG025558.D

Acq: 21 Jan 2017 4:44

Instrument :

BNA_G

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T2-0-2FT-COMP

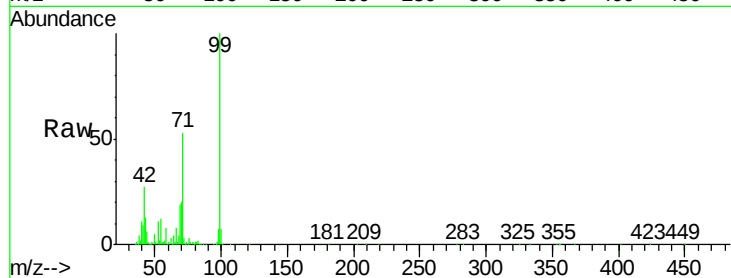
Tgt Ion: 99 Resp: 626166

Ion Ratio Lower Upper

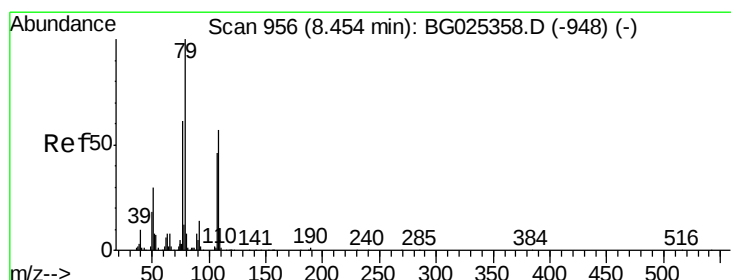
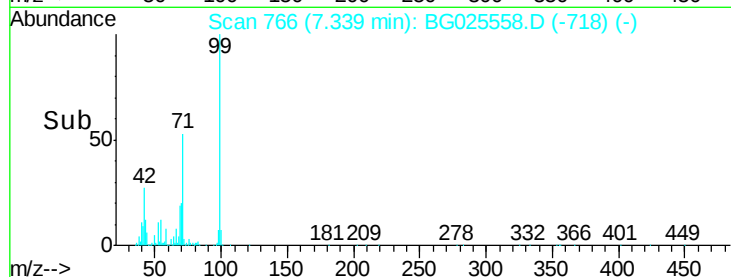
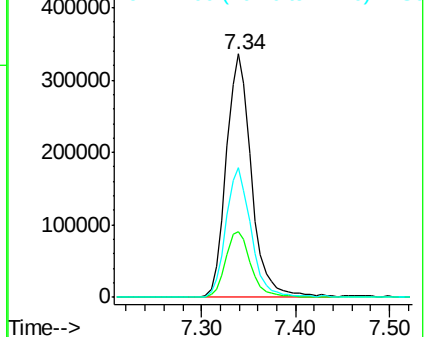
99 100

42 26.9 20.5 30.7

71 53.2 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



#15

Benzyl Alcohol

Concen: 2.51 ng

RT: 8.50 min Scan# 964

Delta R.T. 0.06 min

Lab File: BG025558.D

Acq: 21 Jan 2017 4:44

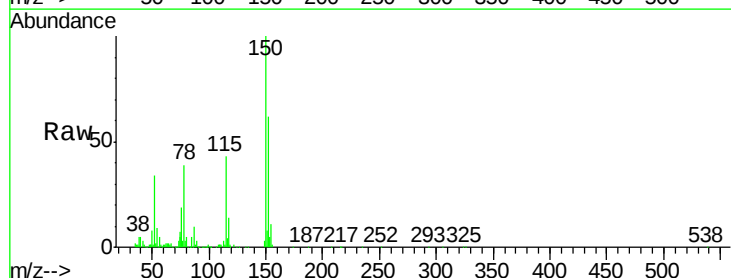
Tgt Ion: 79 Resp: 10906

Ion Ratio Lower Upper

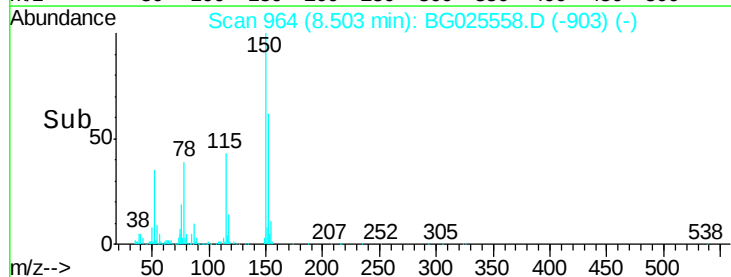
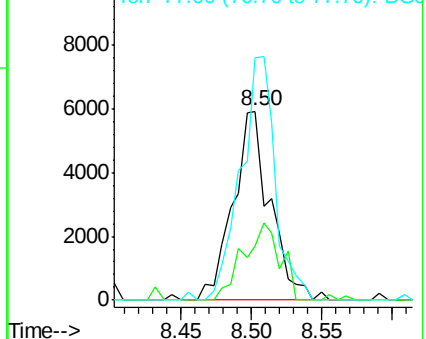
79 100

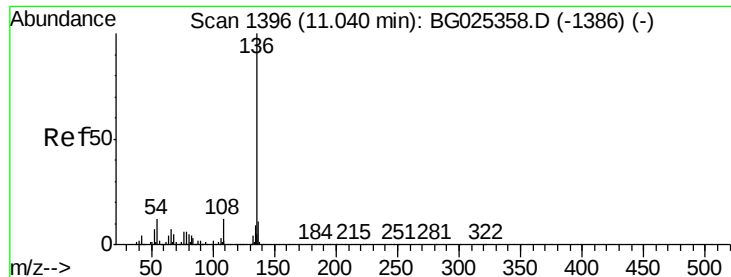
108 29.0 45.5 68.3#

77 128.4 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

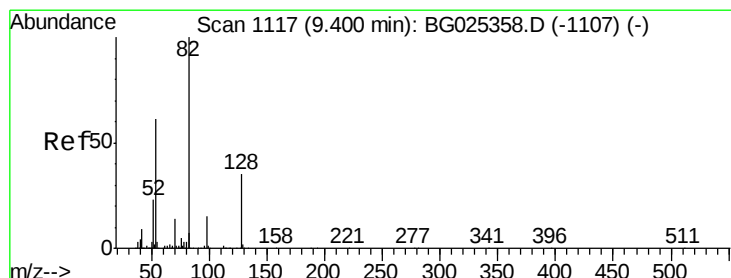
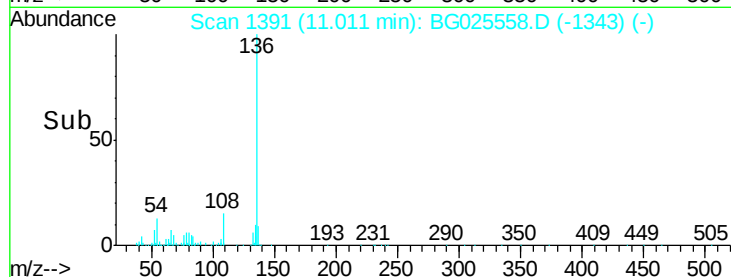
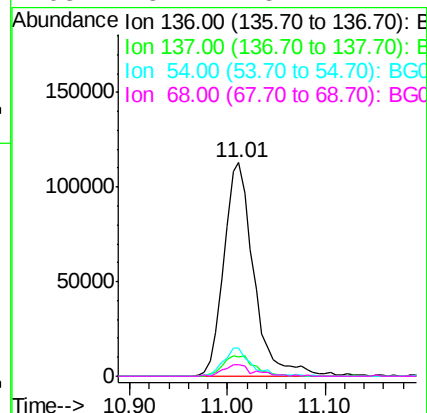
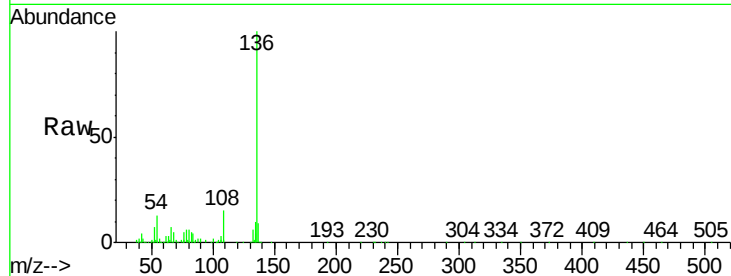




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.01 min Scan# 1391
Delta R.T. -0.02 min
Lab File: BG025558.D
Acq: 21 Jan 2017 4:44

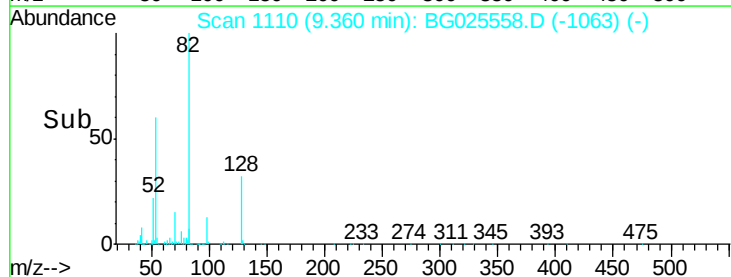
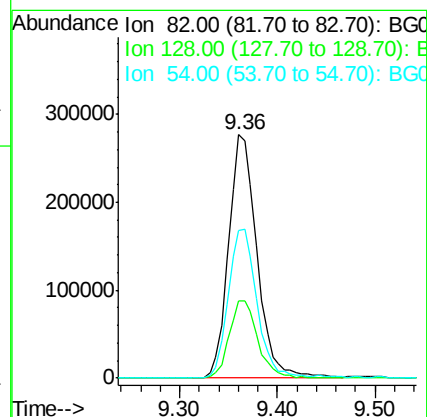
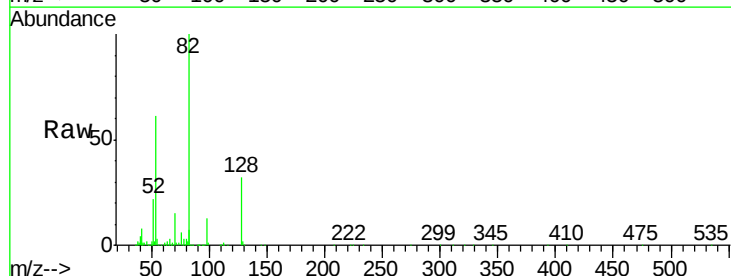
Instrument :
BNA_G
ClientSampleId :
T2-0-2FT-COMP

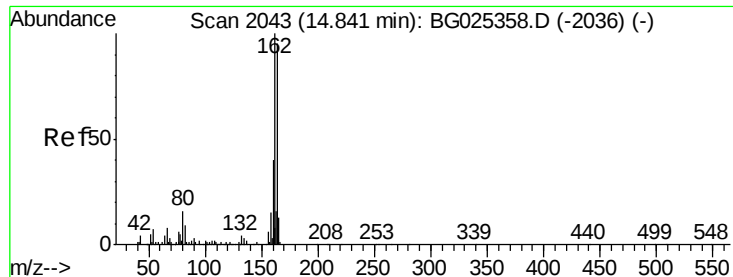
Tgt Ion:	136	Resp:	240711
Ion	Ratio	Lower	Upper
136	100		
137	9.1	8.9	13.3
54	13.1	9.3	13.9
68	5.2	5.1	7.7



#23
Nitrobenzene-d5
Concen: 102.54 ng
RT: 9.36 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BG025558.D
Acq: 21 Jan 2017 4:44

Tgt Ion:	82	Resp:	558734
Ion	Ratio	Lower	Upper
82	100		
128	31.5	26.4	39.6
54	60.5	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: BG025558.D

Acq: 21 Jan 2017 4:44

Instrument :

BNA_G

ClientSampleId :

T2-0-2FT-COMP

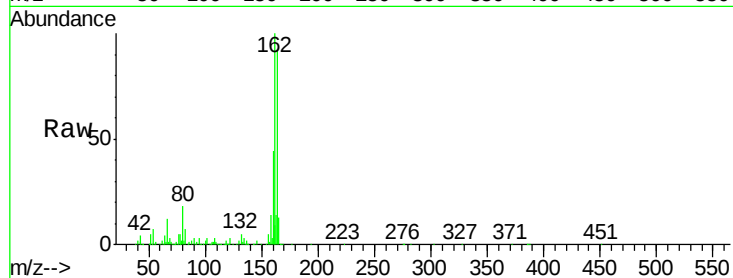
Tgt Ion:164 Resp: 184370

Ion Ratio Lower Upper

164 100

162 109.2 85.1 127.7

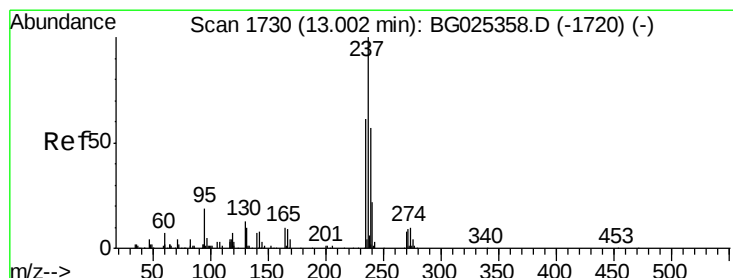
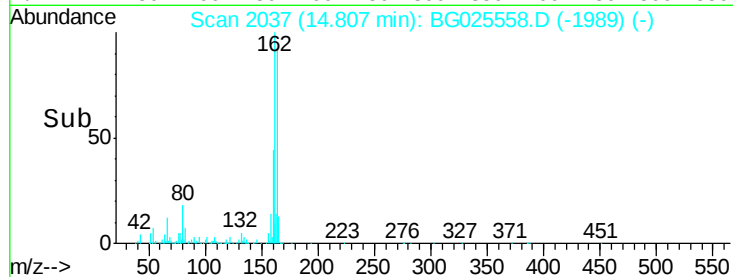
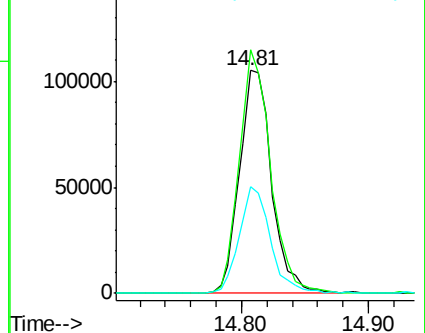
160 47.8 34.7 52.1



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: 13.00 min Scan# 1729

Delta R.T. 0.01 min

Lab File: BG025558.D

Acq: 21 Jan 2017 4:44

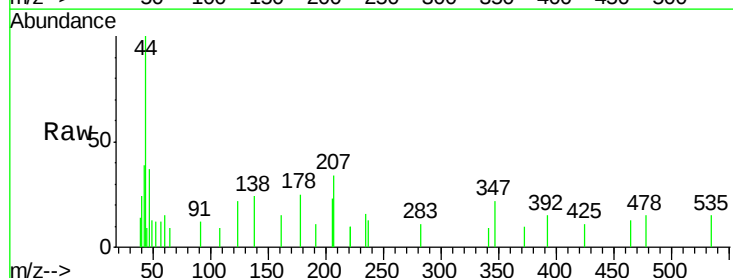
Tgt Ion:237 Resp: 79

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

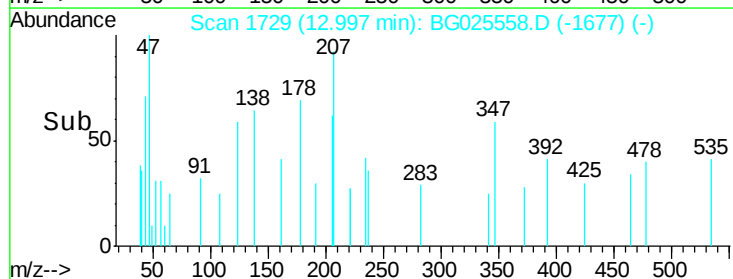
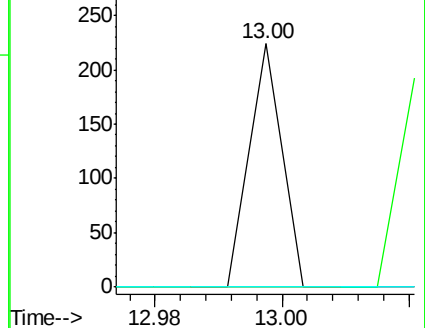
272 0.0 0.0 32.0

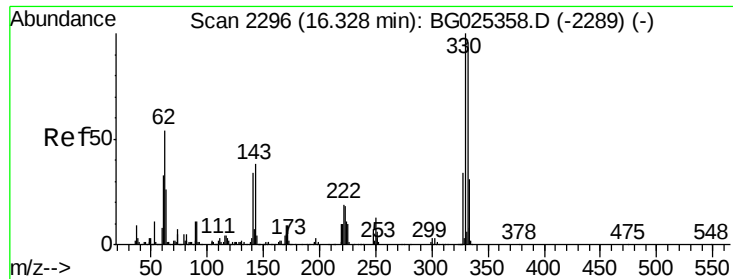


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

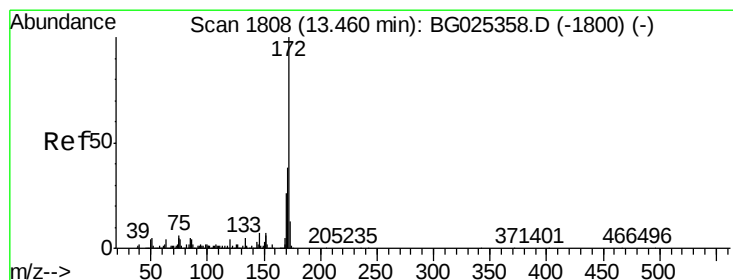
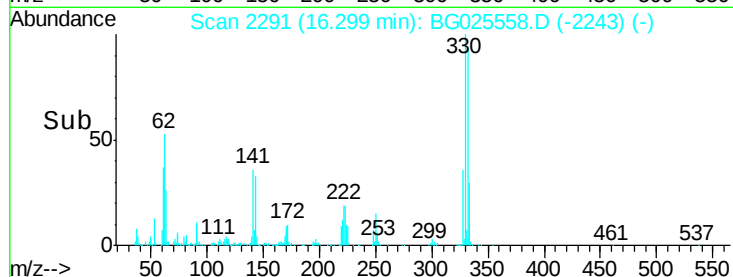
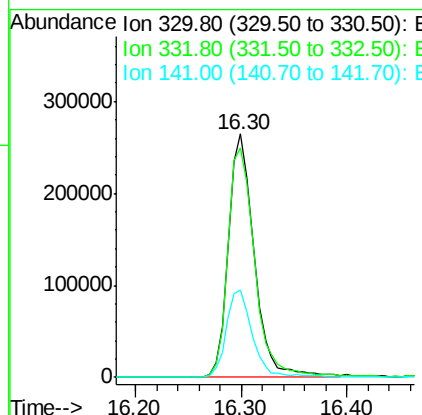
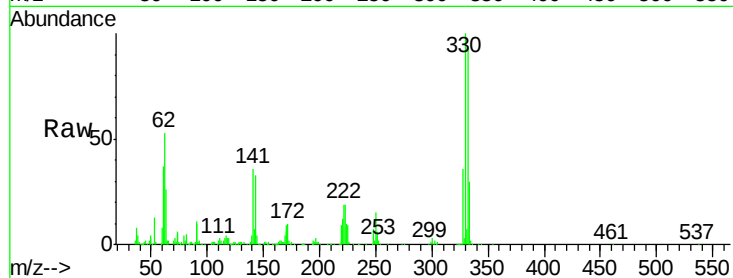




#41
 2,4,6-Tribromophenol
 Concen: 150.57 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.02 min
 Lab File: BG025558.D
 Acq: 21 Jan 2017 4:44

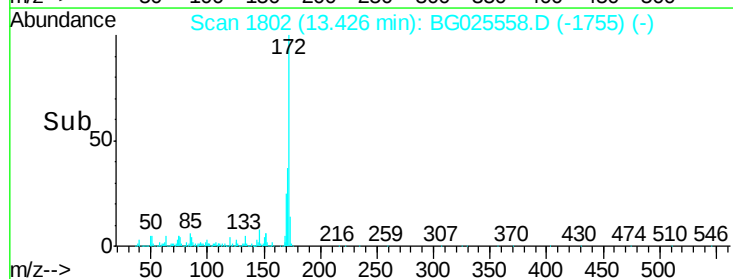
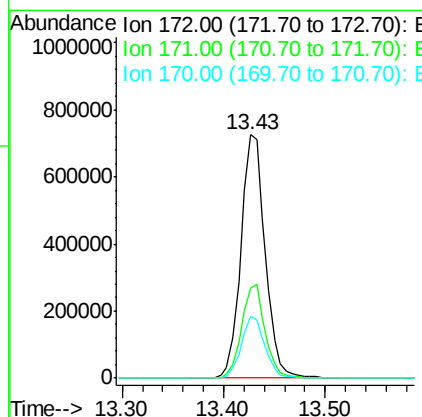
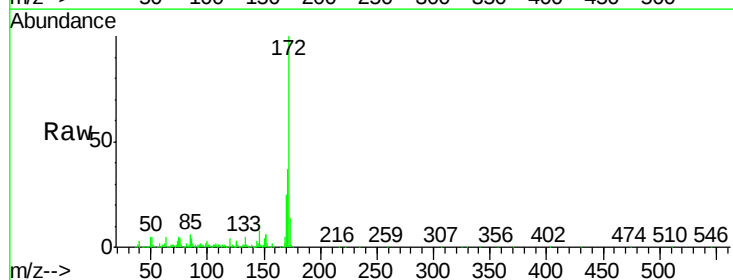
Instrument :
 BNA_G
 ClientSampleId :
 T2-0-2FT-COMP

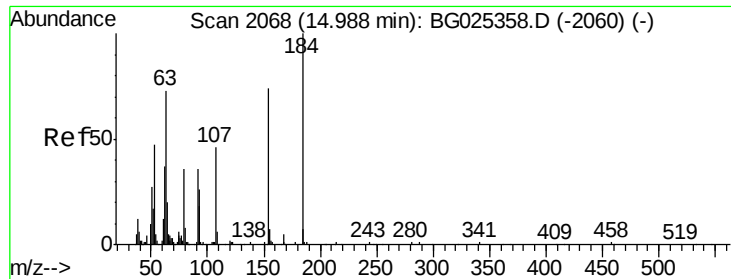
Tgt Ion:330 Resp: 446946
 Ion Ratio Lower Upper
 330 100
 332 98.6 77.3 115.9
 141 36.7 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 105.29 ng
 RT: 13.43 min Scan# 1802
 Delta R.T. -0.02 min
 Lab File: BG025558.D
 Acq: 21 Jan 2017 4:44

Tgt Ion:172 Resp: 1199030
 Ion Ratio Lower Upper
 172 100
 171 37.1 32.2 48.2
 170 25.3 21.8 32.6





#53

2,4-Dinitrophenol

Concen: 5.13 ng

RT: 14.92 min Scan# 2057

Delta R.T. -0.05 min

Lab File: BG025558.D

Acq: 21 Jan 2017 4:44

Instrument :

BNA_G

ClientSampleId :

T2-0-2FT-COMP

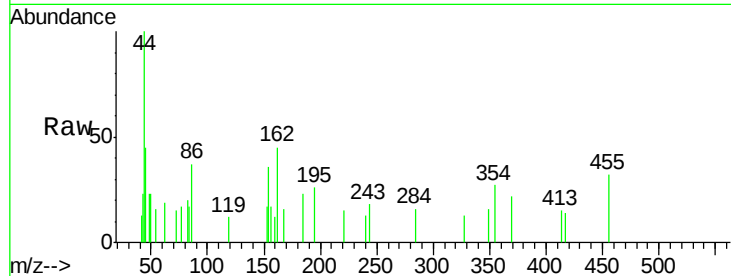
Tgt Ion:184 Resp: 109

Ion Ratio Lower Upper

184 100

63 0.0 52.7 79.1#

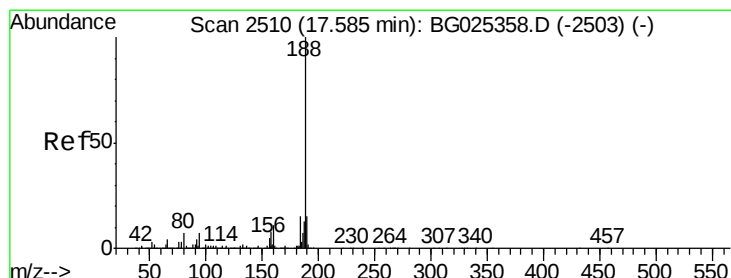
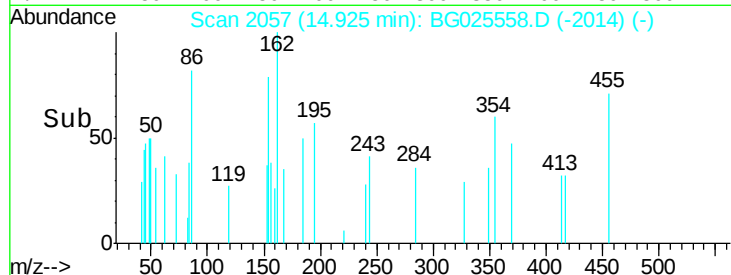
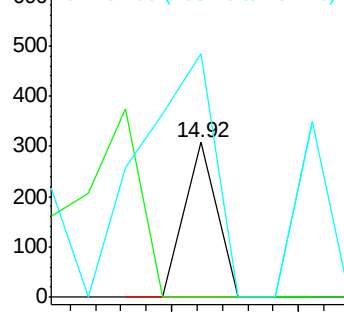
154 157.1 57.3 85.9#



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: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.02 min

Lab File: BG025558.D

Acq: 21 Jan 2017 4:44

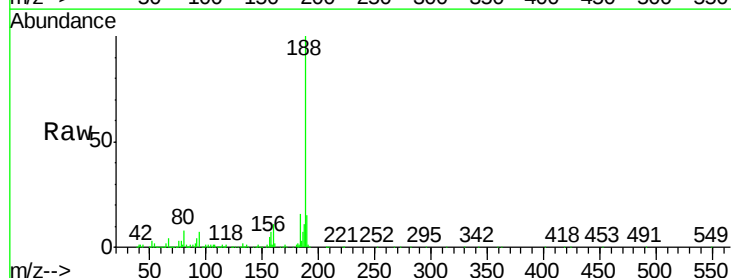
Tgt Ion:188 Resp: 446279

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.8

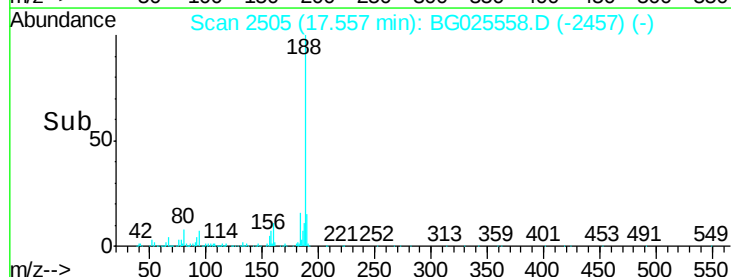
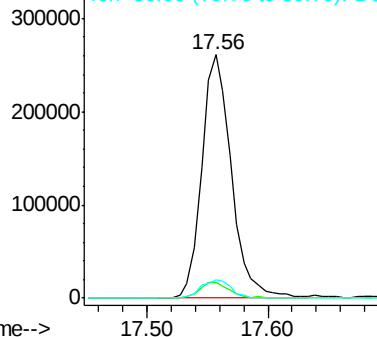
80 7.5 7.5 11.3

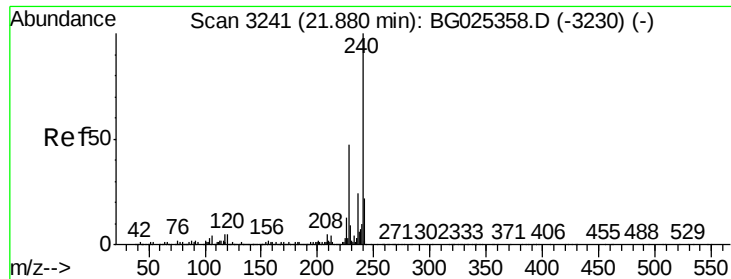


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

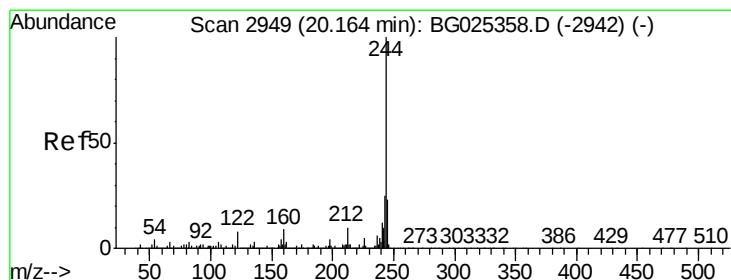
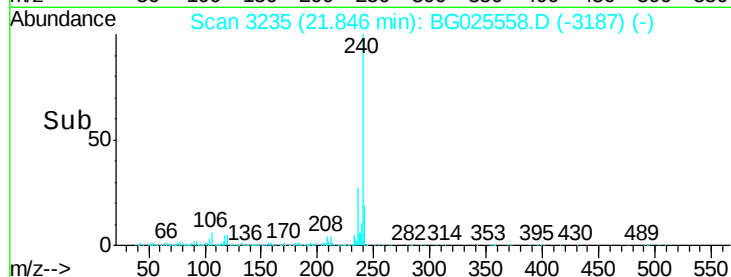
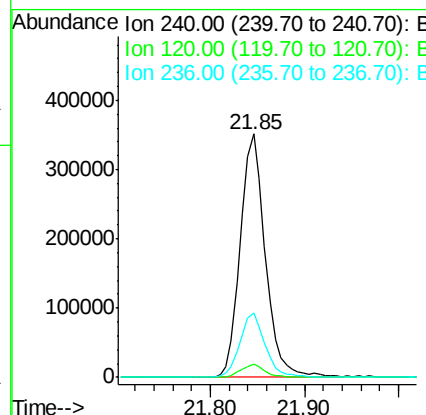
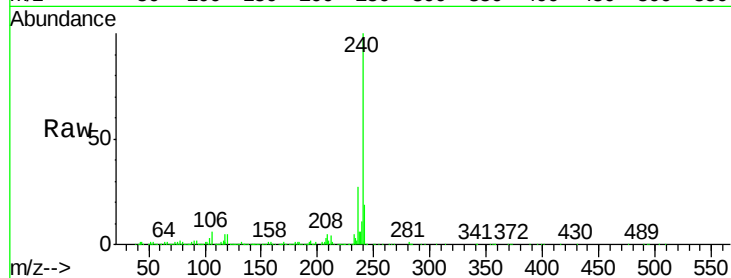




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.85 min Scan# 3235
 Delta R.T. -0.02 min
 Lab File: BG025558.D
 Acq: 21 Jan 2017 4:44

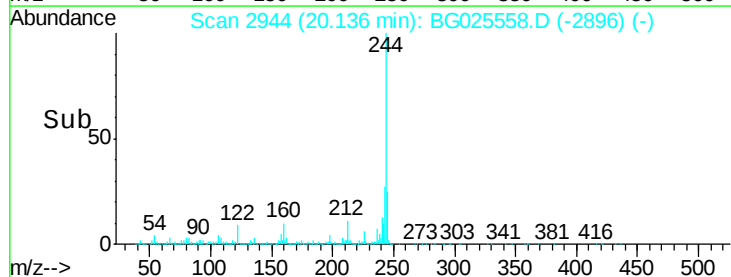
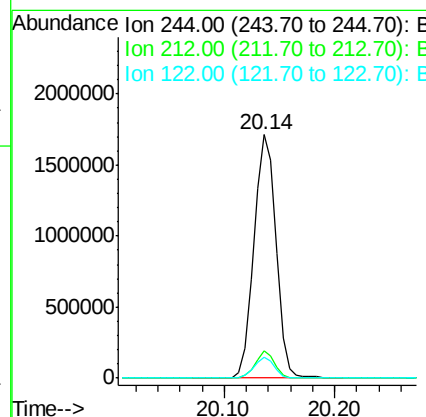
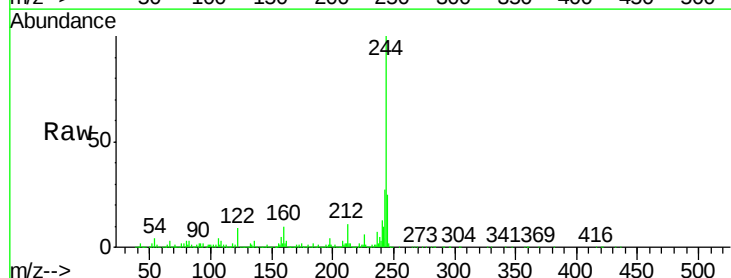
Instrument :
 BNA_G
 ClientSampleId :
 T2-0-2FT-COMP

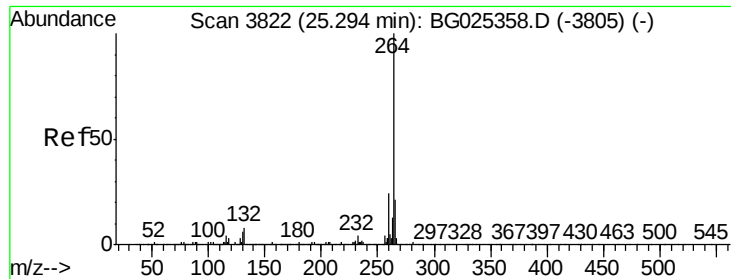
Tgt Ion:240 Resp: 653342
 Ion Ratio Lower Upper
 240 100
 120 5.3 5.7 8.5#
 236 26.7 22.2 33.4



#78
 Terphenyl-d14
 Concen: 97.85 ng
 RT: 20.14 min Scan# 2944
 Delta R.T. -0.02 min
 Lab File: BG025558.D
 Acq: 21 Jan 2017 4:44

Tgt Ion:244 Resp: 2411033
 Ion Ratio Lower Upper
 244 100
 212 11.5 10.0 15.0
 122 8.7 8.6 12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.23 min Scan# 3811
Delta R.T. -0.03 min
Lab File: BG025558.D
Acq: 21 Jan 2017 4:44

Instrument :
BNA_G
ClientSampleId :
T2-0-2FT-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	21.8	32.8
265	23.1	18.2	27.4

