

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012017\
 Data File : BG025560.D
 Acq On : 21 Jan 2017 6:04
 Operator : UM/SJ
 Sample : I1347-20
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S6-0-3FT-COMP

Quant Time: Jan 22 23:55:59 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

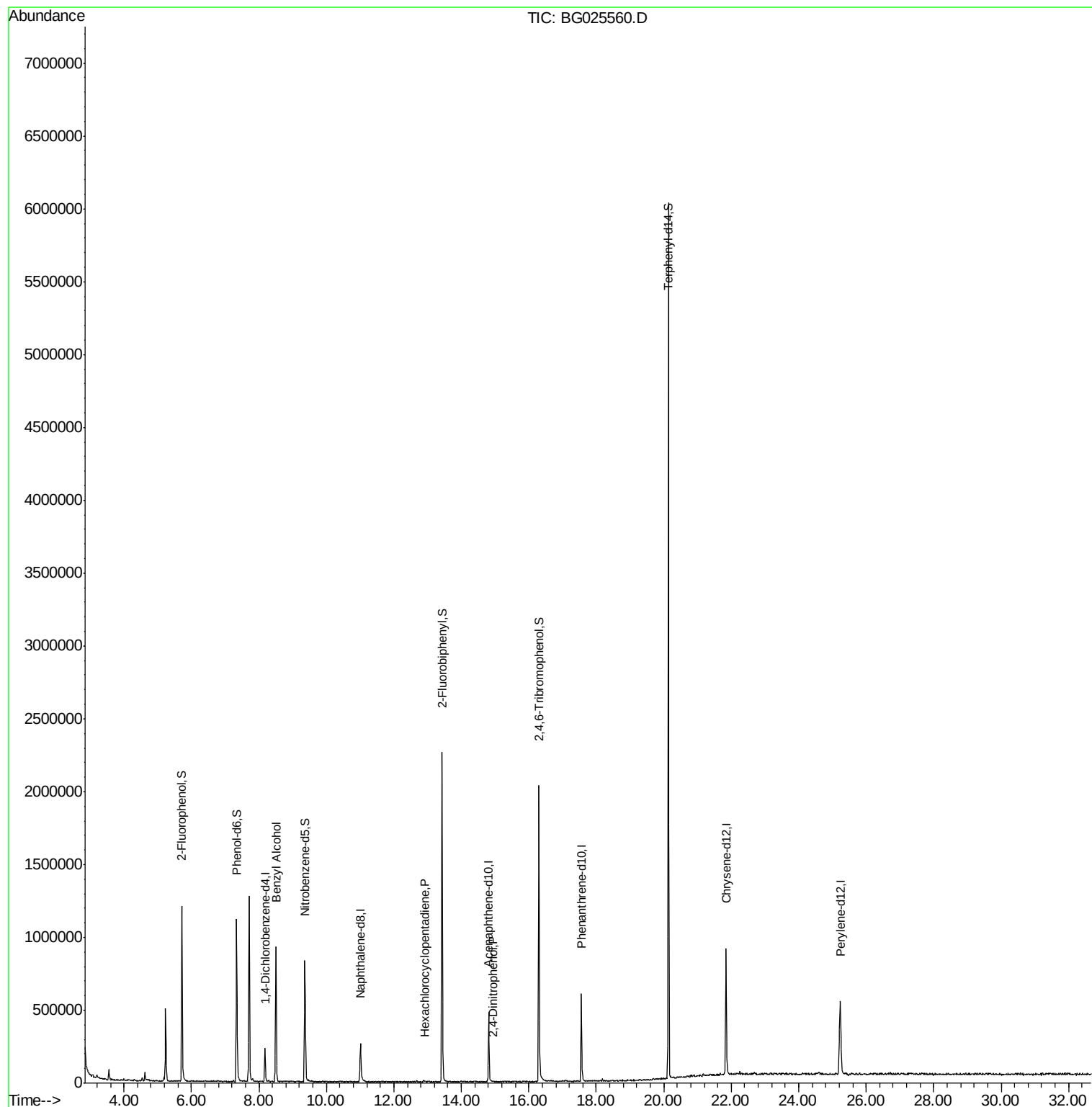
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	56399	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	222868	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	180238	20.00	ng	-0.02
63) Phenanthrene-d10	17.55	188	422525	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	638208	20.00	ng	-0.02
86) Perylene-d12	25.23	264	673298	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	471983	152.11	ng	-0.02
7) Phenol-d6	7.34	99	594079	135.95	ng	-0.02
23) Nitrobenzene-d5	9.36	82	539939	107.03	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	429683	148.08	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	1127377	101.27	ng	-0.02
78) Terphenyl-d14	20.14	244	2292699	95.25	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.50	79	10603	2.54	ng	# 71
40) Hexachlorocyclopentadiene	12.93	237	121	8.56	ng	# 29
53) 2,4-Dinitrophenol	14.95	184	129	5.14	ng	# 15

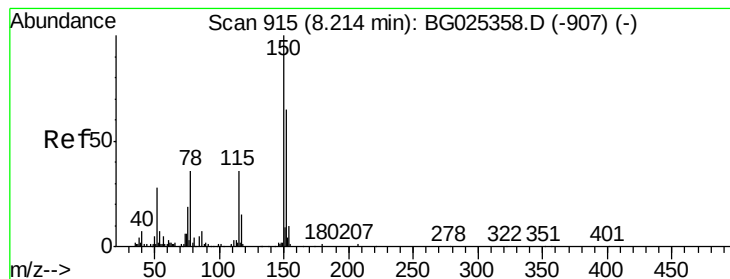
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG025560.D

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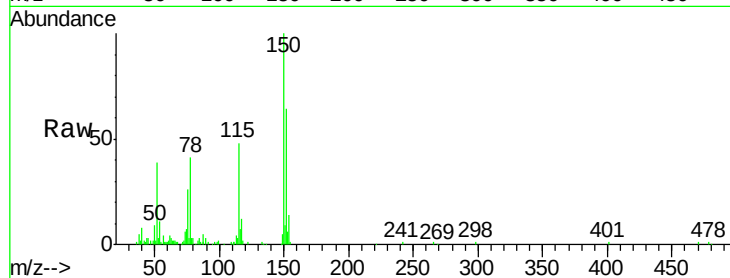
Tgt Ion:152 Resp: 56399

Ion Ratio Lower Upper

152 100

150 157.4 114.0 171.0

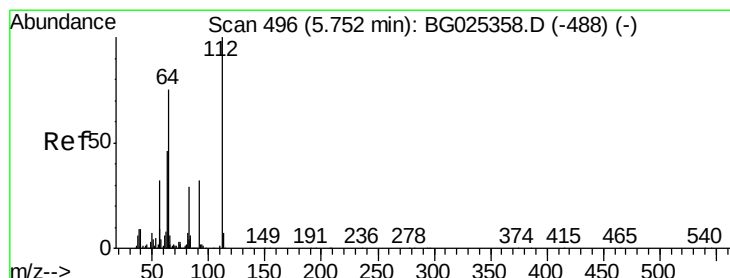
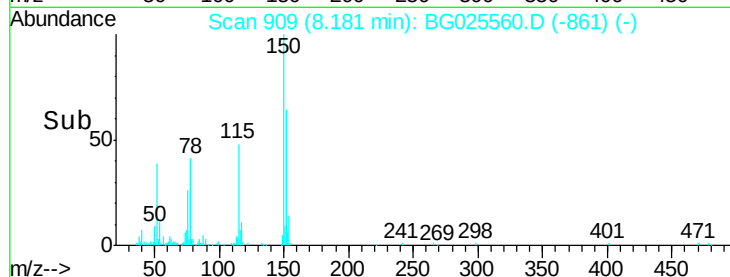
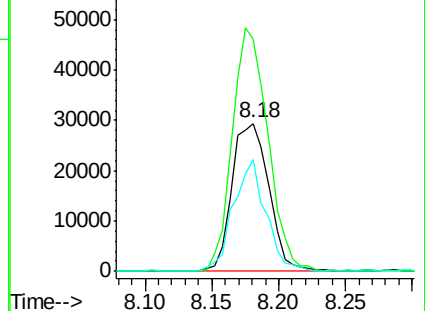
115 75.7 48.1 72.1#



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: 152.11 ng

RT: 5.71 min Scan# 489

Delta R.T. -0.02 min

Lab File: BG025560.D

Acq: 21 Jan 2017 6:04

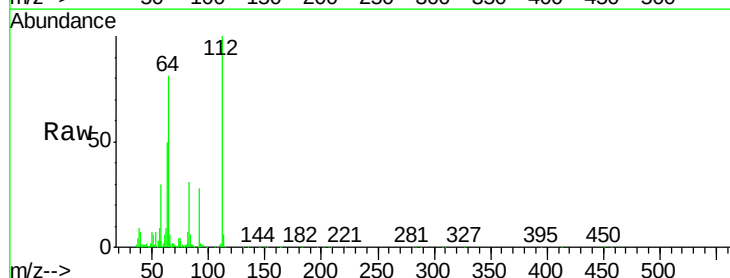
Tgt Ion:112 Resp: 471983

Ion Ratio Lower Upper

112 100

64 80.8 61.8 92.6

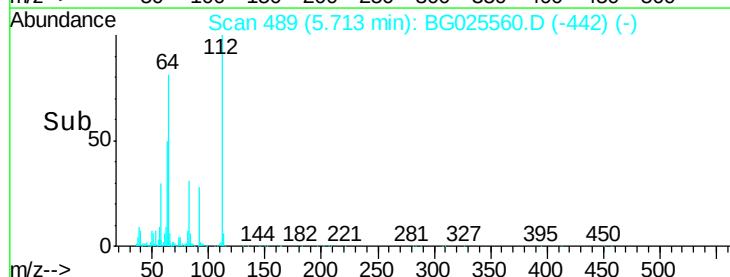
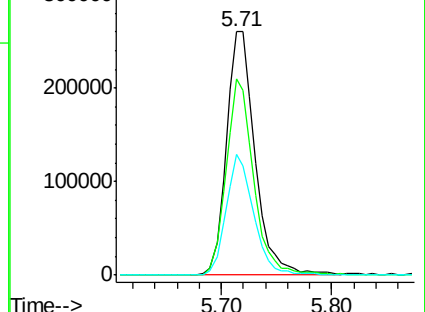
63 49.8 37.2 55.8

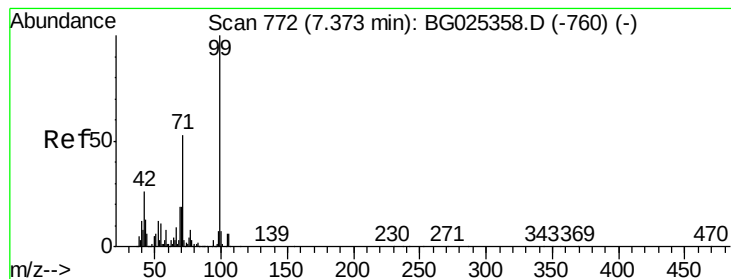


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 135.95 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG025560.D

Acq: 21 Jan 2017 6:04

Instrument :

BNA_G

ClientSampleId :

S6-0-3FT-COMP

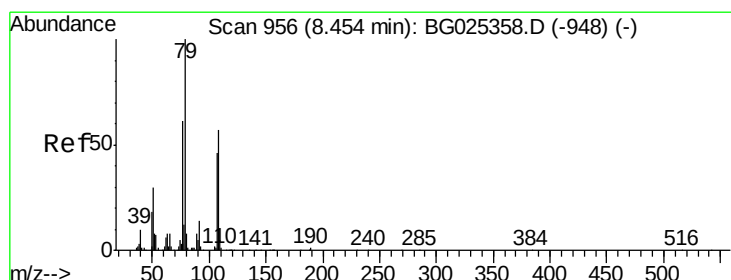
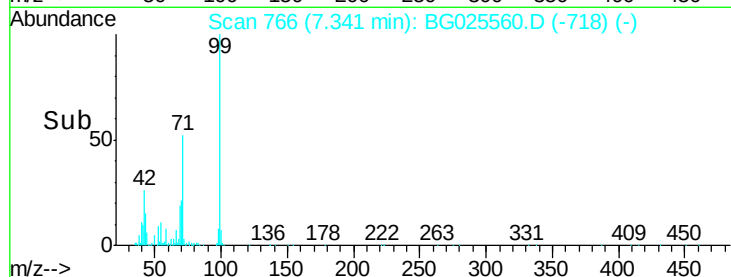
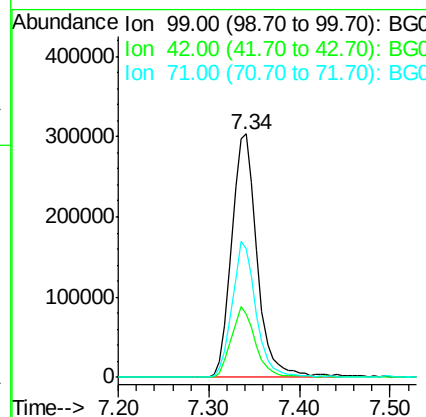
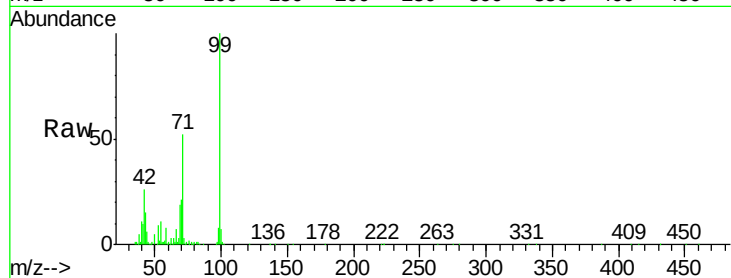
Tgt Ion: 99 Resp: 594079

Ion Ratio Lower Upper

99 100

42 26.1 20.5 30.7

71 52.5 37.6 56.4



#15

Benzyl Alcohol

Concen: 2.54 ng

RT: 8.50 min Scan# 964

Delta R.T. 0.06 min

Lab File: BG025560.D

Acq: 21 Jan 2017 6:04

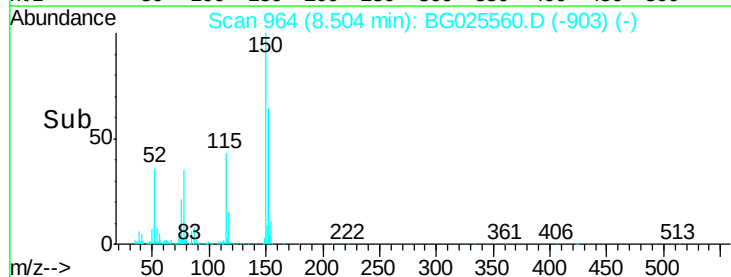
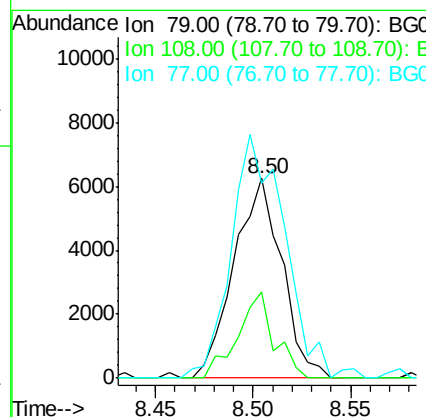
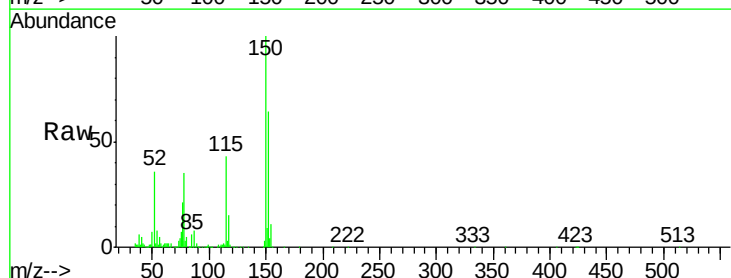
Tgt Ion: 79 Resp: 10603

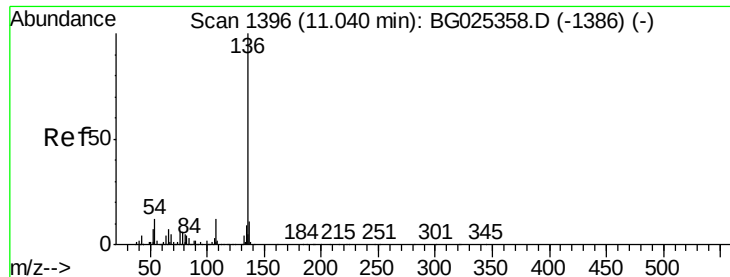
Ion Ratio Lower Upper

79 100

108 43.2 45.5 68.3#

77 97.7 54.3 81.5#

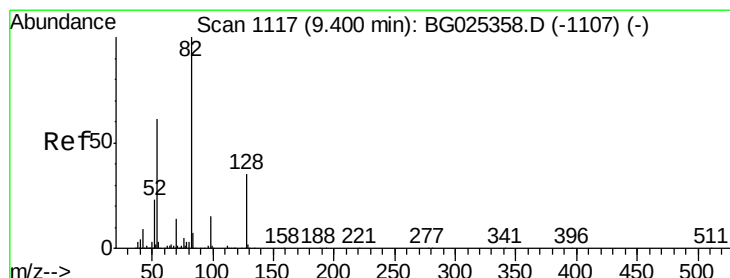
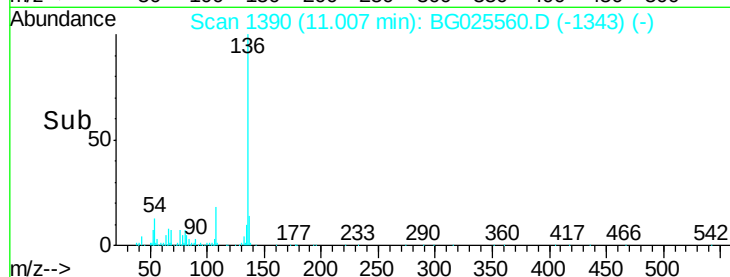
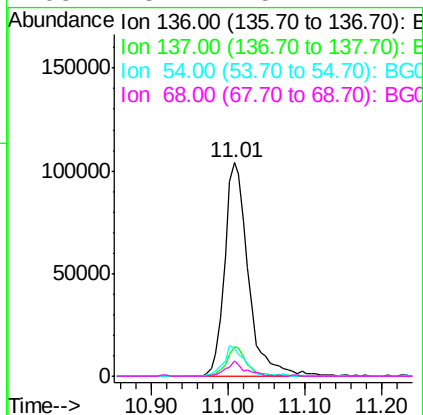
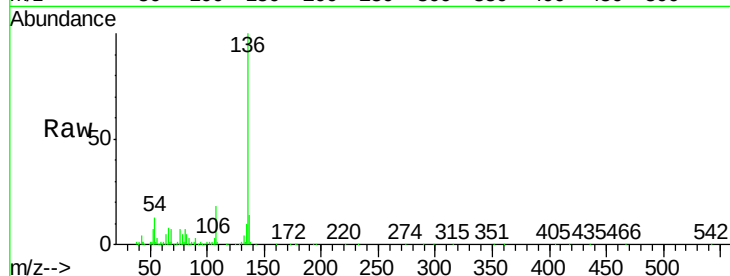




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.01 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BG025560.D
Acq: 21 Jan 2017 6:04

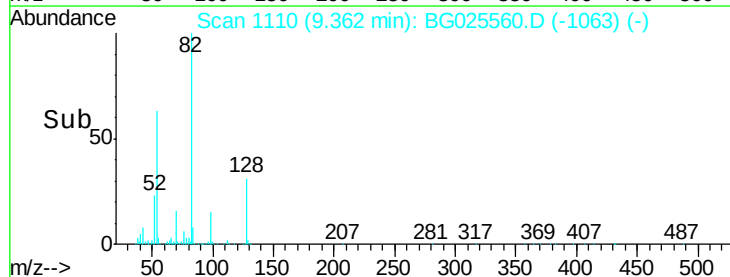
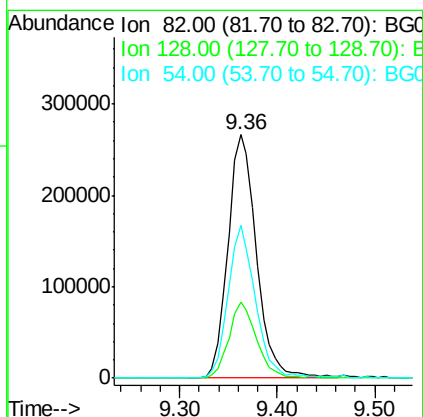
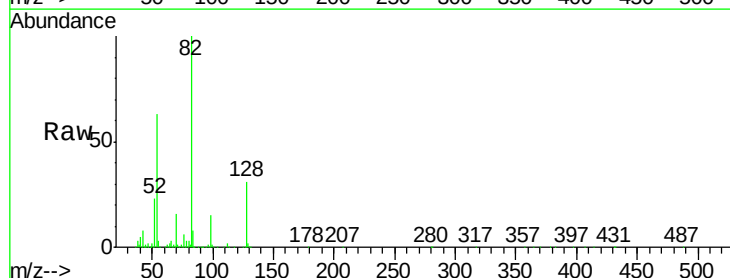
Instrument :
BNA_G
ClientSampleId :
S6-0-3FT-COMP

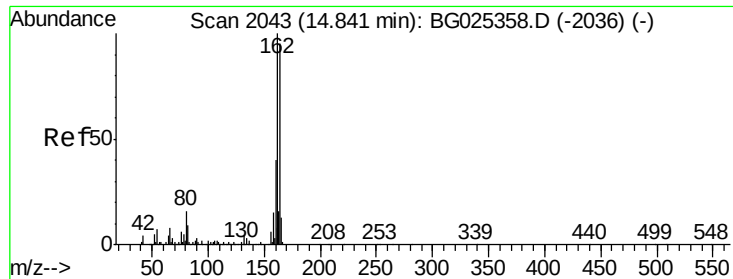
Tgt Ion:	136	Resp:	222868
Ion	Ratio	Lower	Upper
136	100		
137	13.9	8.9	13.3#
54	13.3	9.3	13.9
68	8.2	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 107.03 ng
RT: 9.36 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BG025560.D
Acq: 21 Jan 2017 6:04

Tgt Ion:	82	Resp:	539939
Ion	Ratio	Lower	Upper
82	100		
128	31.3	26.4	39.6
54	62.5	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: BG025560.D

Acq: 21 Jan 2017 6:04

Instrument :

BNA_G

ClientSampleId :

S6-0-3FT-COMP

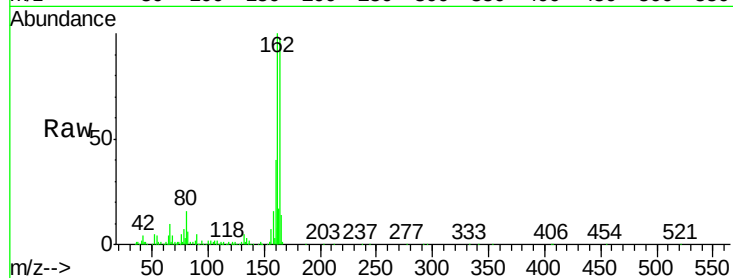
Tgt Ion:164 Resp: 180238

Ion Ratio Lower Upper

164 100

162 103.0 85.1 127.7

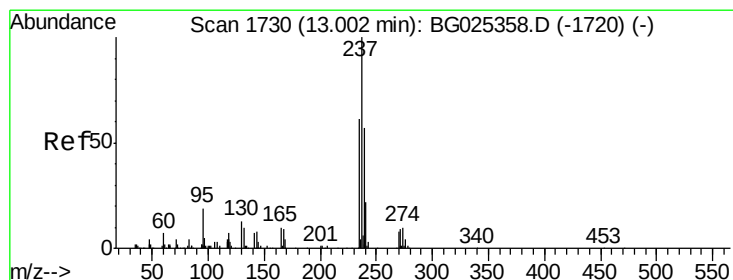
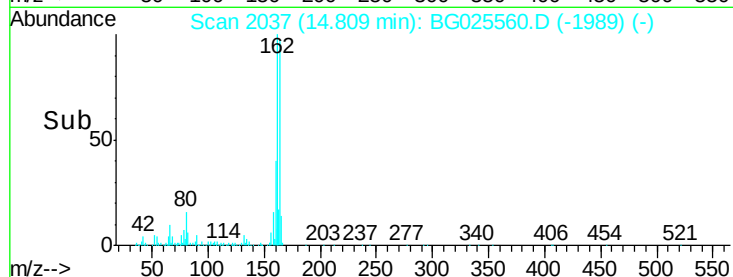
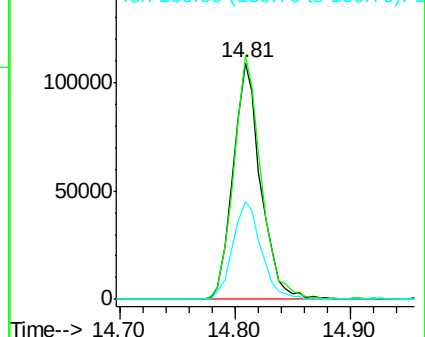
160 41.3 34.7 52.1



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: 8.56 ng

RT: 12.93 min Scan# 1717

Delta R.T. -0.06 min

Lab File: BG025560.D

Acq: 21 Jan 2017 6:04

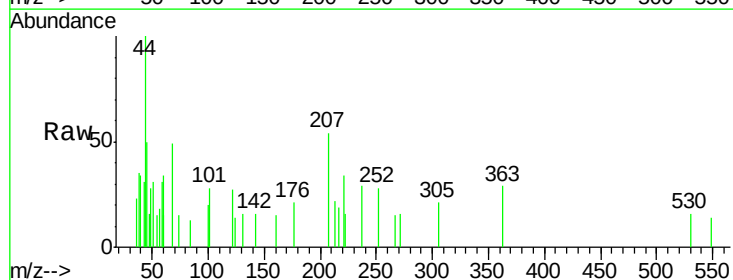
Tgt Ion:237 Resp: 121

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

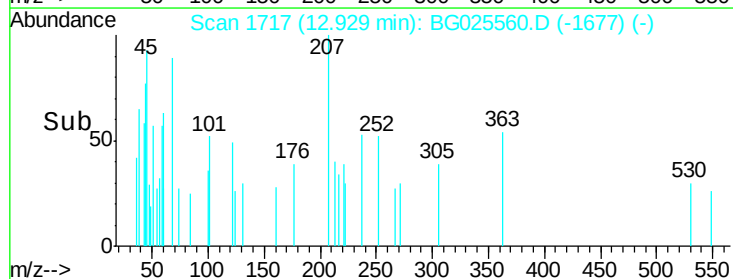
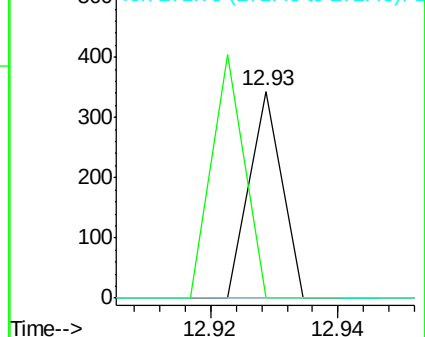
272 0.0 0.0 32.0

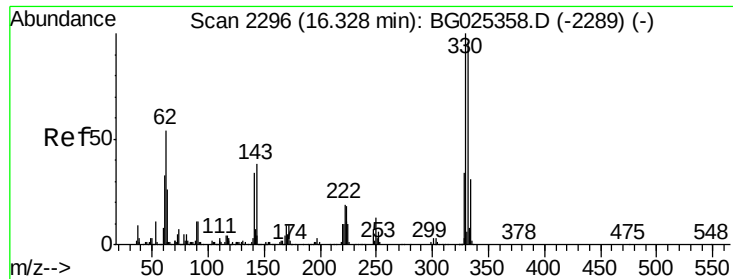


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 148.08 ng

RT: 16.30 min Scan# 2291

Delta R.T. -0.02 min

Lab File: BG025560.D

Acq: 21 Jan 2017 6:04

Instrument :

BNA_G

ClientSampleId :

S6-0-3FT-COMP

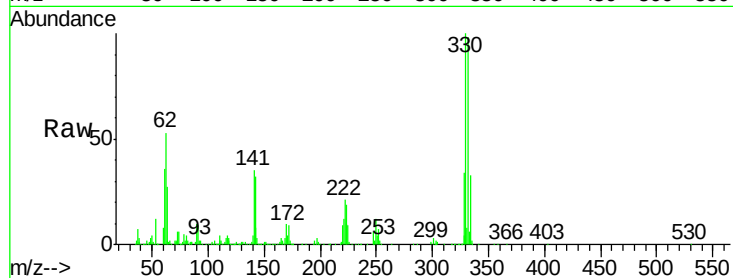
Tgt Ion:330 Resp: 429683

Ion Ratio Lower Upper

330 100

332 97.7 77.3 115.9

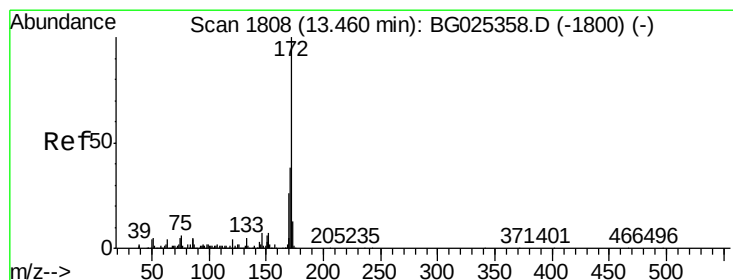
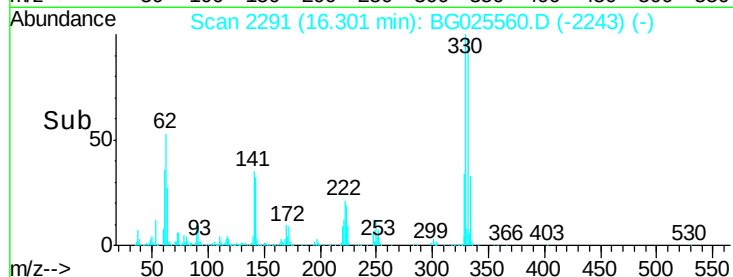
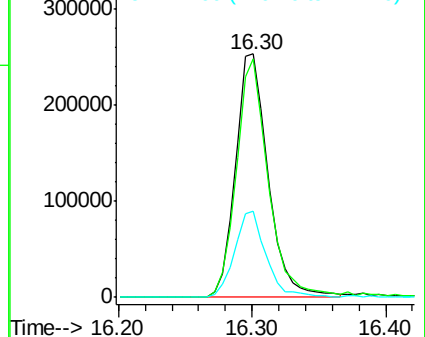
141 34.2 32.1 48.1



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: 101.27 ng

RT: 13.43 min Scan# 1802

Delta R.T. -0.02 min

Lab File: BG025560.D

Acq: 21 Jan 2017 6:04

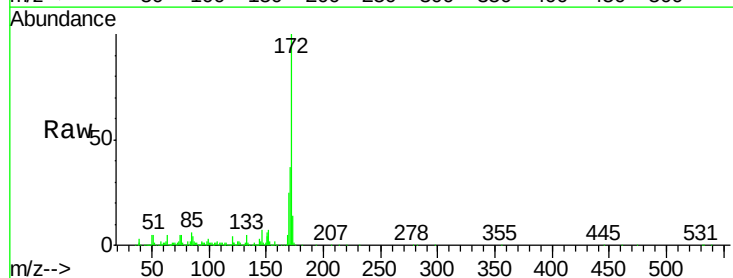
Tgt Ion:172 Resp: 1127377

Ion Ratio Lower Upper

172 100

171 36.8 32.2 48.2

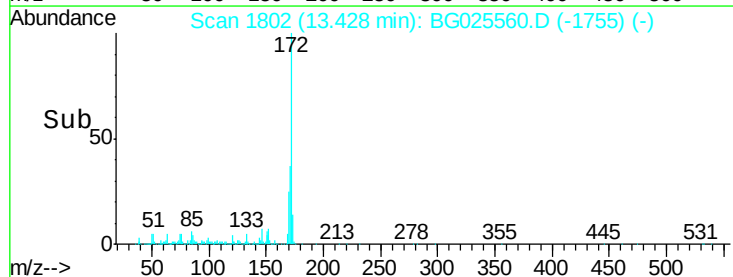
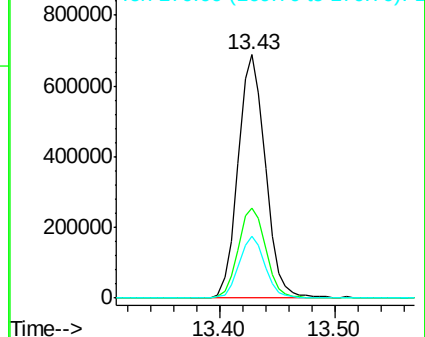
170 25.3 21.8 32.6

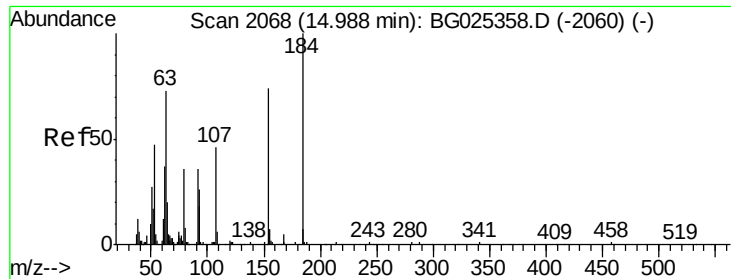


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

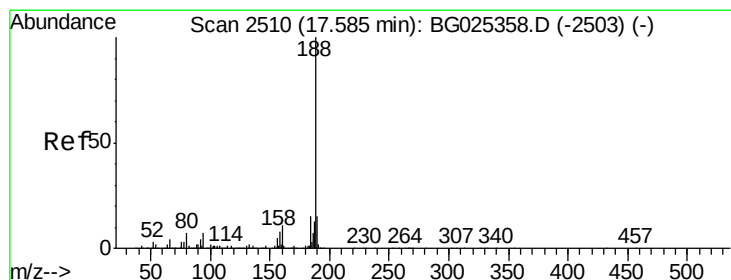
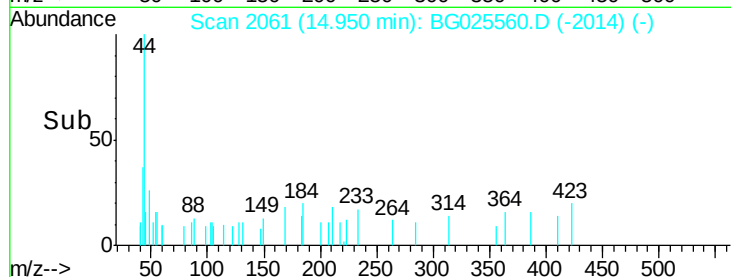
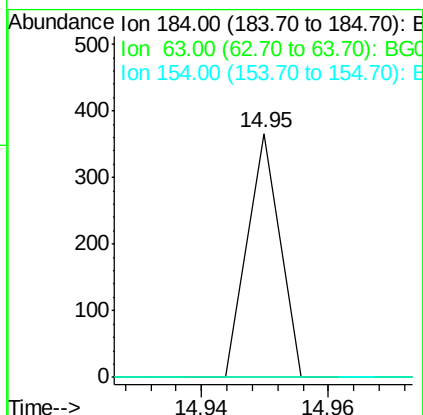
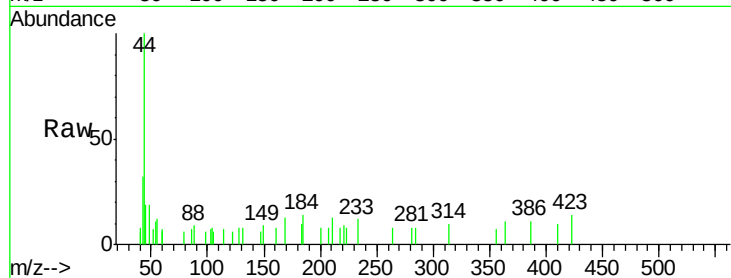




#53
2,4-Dinitrophenol
Concen: 5.14 ng
RT: 14.95 min Scan# 2061
Delta R.T. -0.02 min
Lab File: BG025560.D
Acq: 21 Jan 2017 6:04

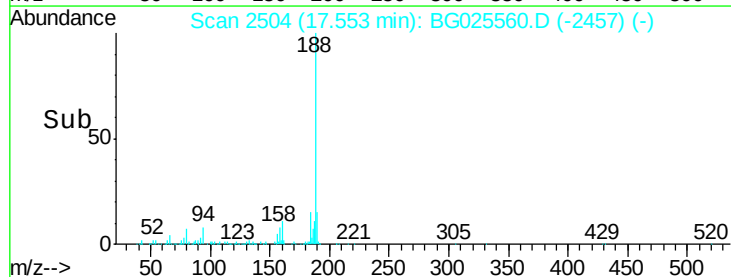
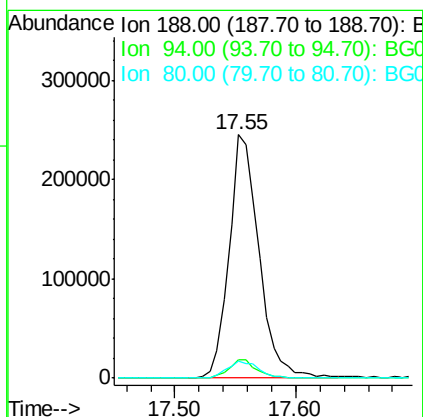
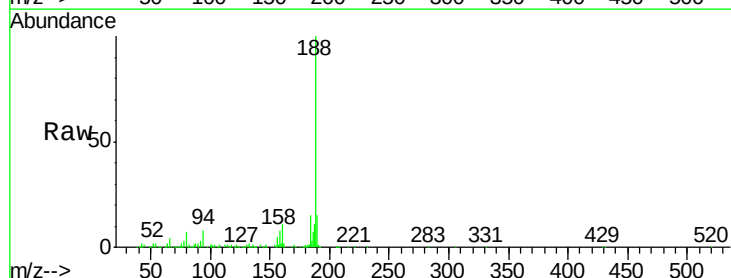
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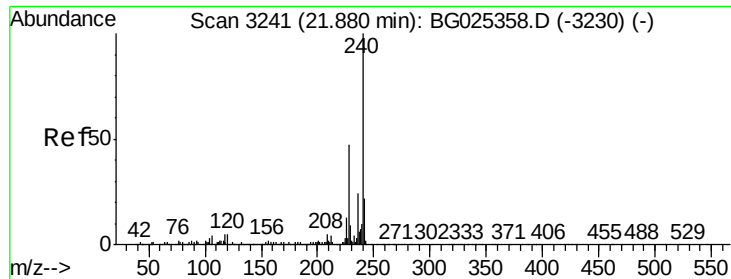
Tgt Ion:184 Resp: 129
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 0.0 57.3 85.9#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.02 min
Lab File: BG025560.D
Acq: 21 Jan 2017 6:04

Tgt Ion:188 Resp: 422525
Ion Ratio Lower Upper
188 100
94 7.6 5.8 8.8
80 7.0 7.5 11.3#

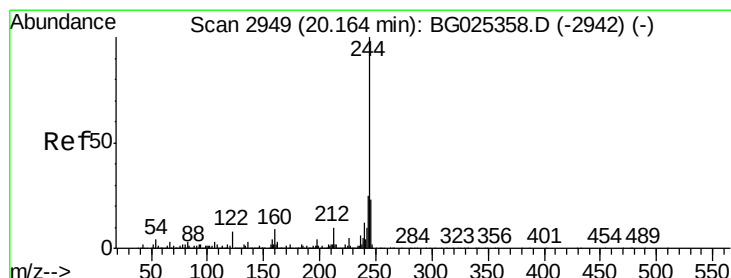
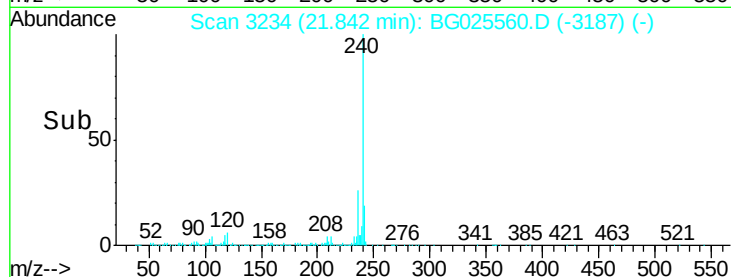
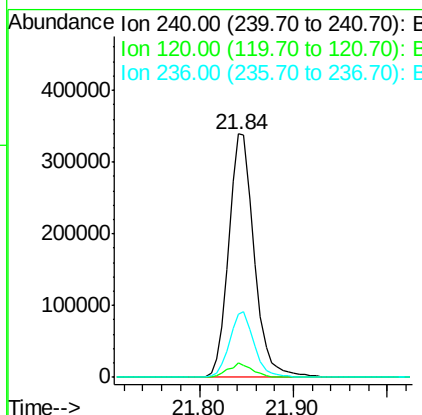
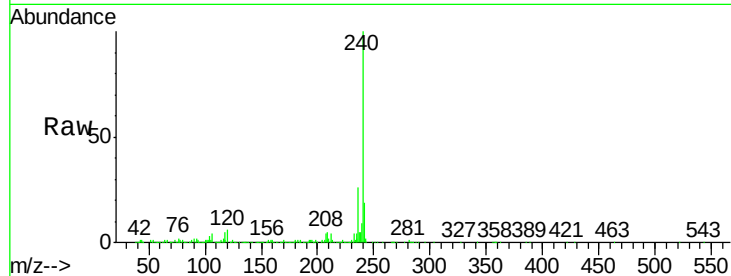




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.84 min Scan# 3234
 Delta R.T. -0.02 min
 Lab File: BG025560.D
 Acq: 21 Jan 2017 6:04

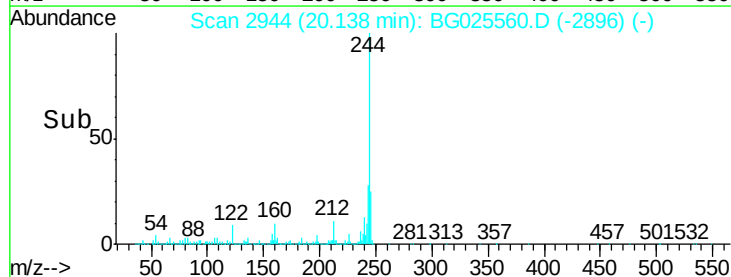
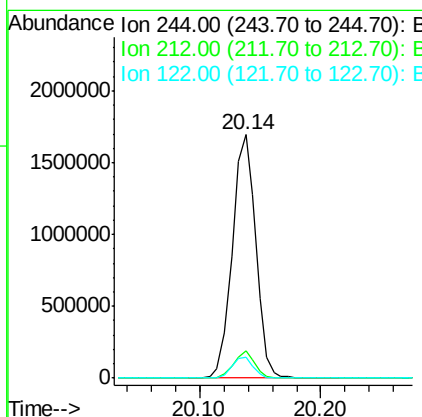
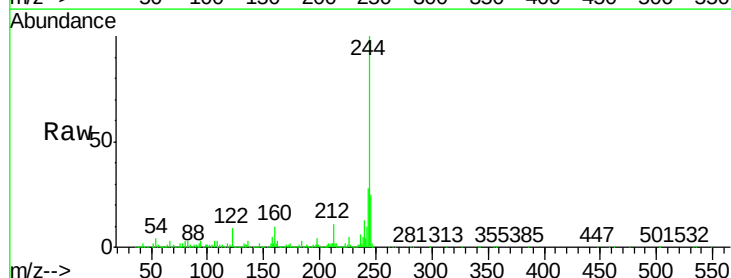
Instrument :
 BNA_G
 ClientSampleId :
 S6-0-3FT-COMP

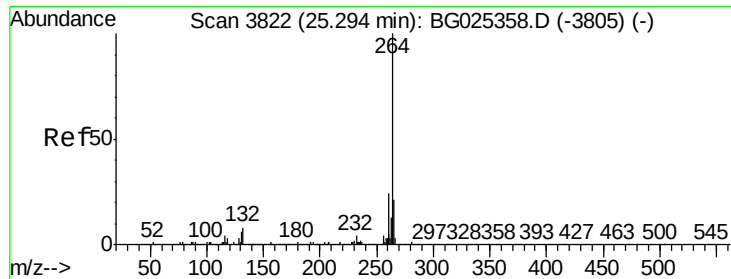
Tgt Ion:240 Resp: 638208
 Ion Ratio Lower Upper
 240 100
 120 6.1 5.7 8.5
 236 25.7 22.2 33.4



#78
 Terphenyl-d14
 Concen: 95.25 ng
 RT: 20.14 min Scan# 2944
 Delta R.T. -0.02 min
 Lab File: BG025560.D
 Acq: 21 Jan 2017 6:04

Tgt Ion:244 Resp: 2292699
 Ion Ratio Lower Upper
 244 100
 212 11.0 10.0 15.0
 122 8.7 8.6 12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.23 min Scan# 3810
Delta R.T. -0.04 min
Lab File: BG025560.D
Acq: 21 Jan 2017 6:04

Instrument :
BNA_G
ClientSampleId :
S6-0-3FT-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.2	21.8	32.8#
265	20.5	18.2	27.4

