

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010917\
 Data File : BG025440.D
 Acq On : 9 Jan 2017 21:29
 Operator : UM/SJ
 Sample : I1073-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 L-SWITCH-SP-0-2-COMP

Quant Time: Jan 10 00:04:31 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

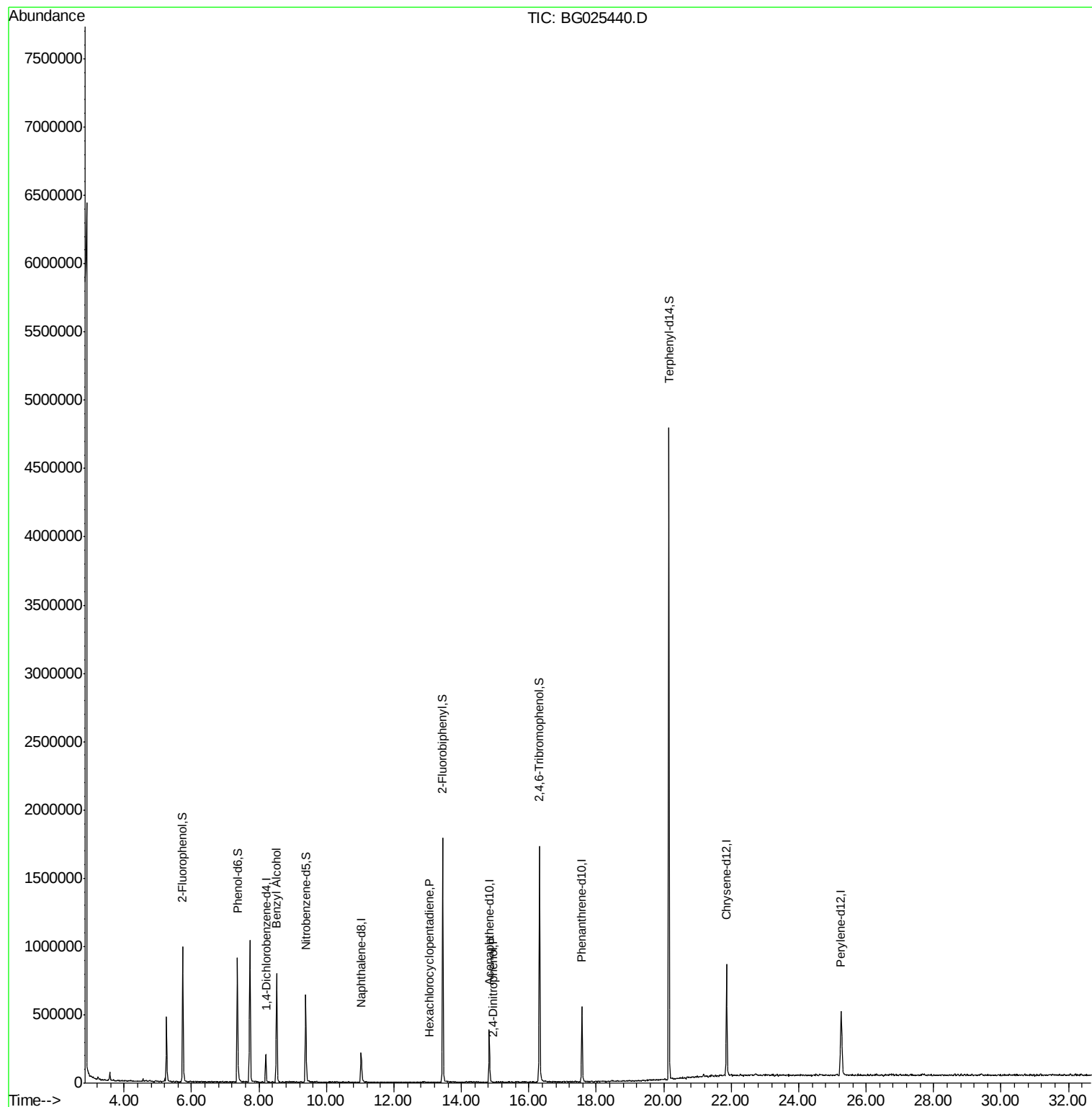
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	49098	20.00	ng	-0.01
21) Naphthalene-d8	11.03	136	197471	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	152084	20.00	ng	-0.01
63) Phenanthrene-d10	17.57	188	368957	20.00	ng	-0.01
75) Chrysene-d12	21.86	240	566392	20.00	ng	-0.02
86) Perylene-d12	25.26	264	593548	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	387048	143.29	ng	-0.01
7) Phenol-d6	7.36	99	483495	127.10	ng	-0.02
23) Nitrobenzene-d5	9.38	82	430598	96.33	ng	-0.02
41) 2,4,6-Tribromophenol	16.32	330	358982	146.61	ng	-0.01
44) 2-Fluorobiphenyl	13.45	172	922276	98.18	ng	-0.01
78) Terphenyl-d14	20.15	244	1993732	93.33	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	8.52	79	8377	2.31	ng	# 59
40) Hexachlorocyclopentadiene	13.06	237	67	8.54	ng	# 29
53) 2,4-Dinitrophenol	14.93	184	57	5.11	ng	# 15

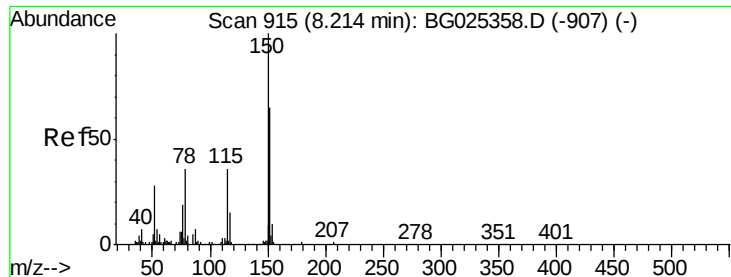
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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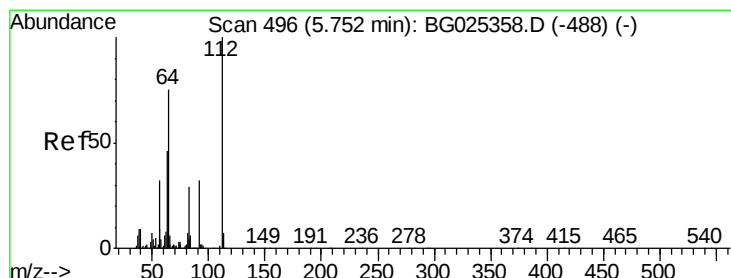
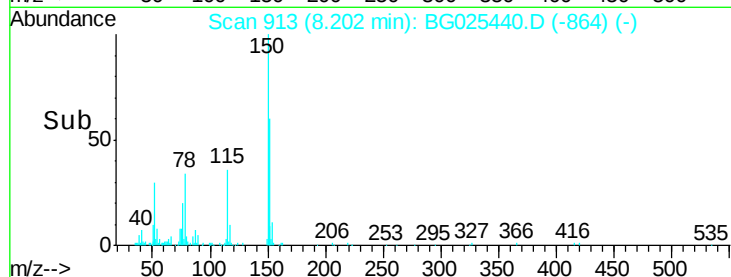
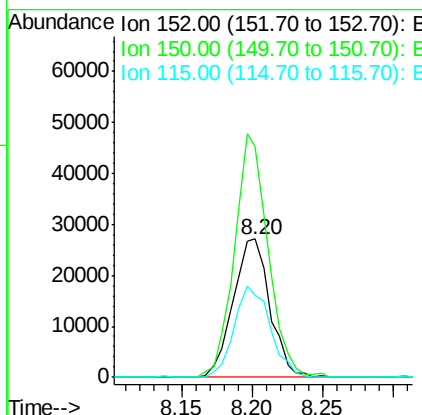
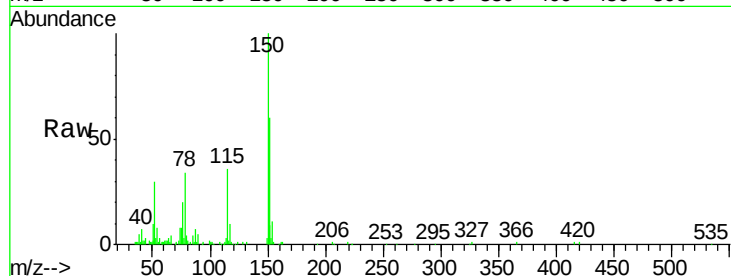


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG025440.D
Acq: 9 Jan 2017 21:29

Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMP

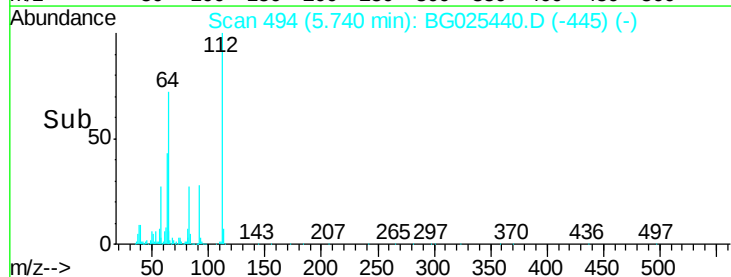
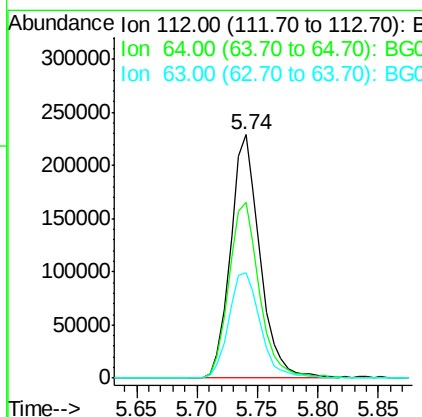
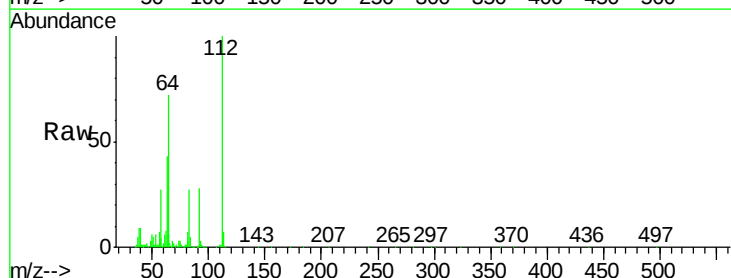
Tgt Ion:152 Resp: 49098
Ion Ratio Lower Upper
152 100
150 166.3 114.0 171.0
115 59.6 48.1 72.1

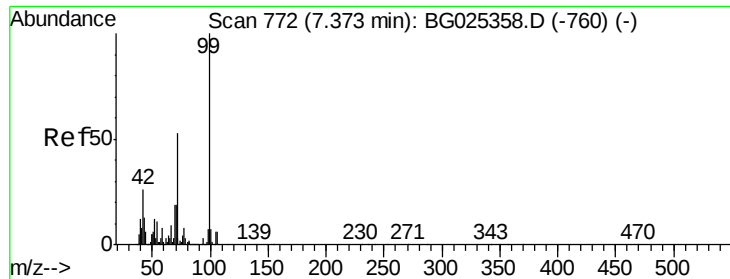


#5

2-Fluorophenol
Concen: 143.29 ng
RT: 5.74 min Scan# 494
Delta R.T. -0.01 min
Lab File: BG025440.D
Acq: 9 Jan 2017 21:29

Tgt Ion:112 Resp: 387048
Ion Ratio Lower Upper
112 100
64 72.1 61.8 92.6
63 43.0 37.2 55.8





#7

Phenol-d6

Concen: 127.10 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG025440.D

Acq: 9 Jan 2017 21:29

Instrument :

BNA_G

ClientSampleId :

L-SWITCH-SP-0-2-COMP

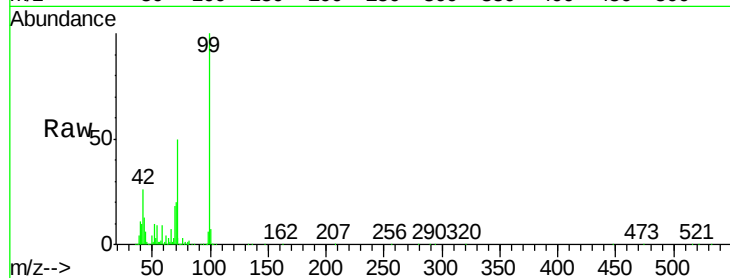
Tgt Ion: 99 Resp: 483495

Ion Ratio Lower Upper

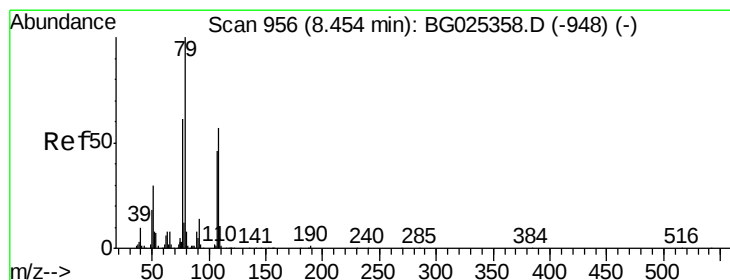
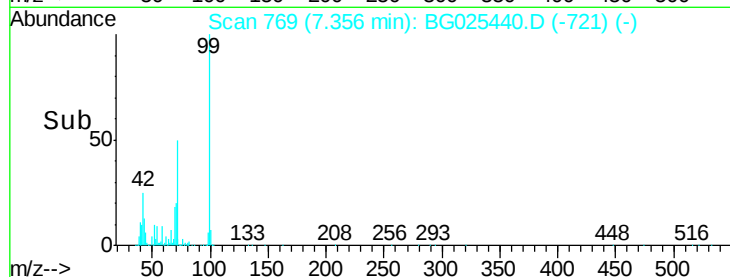
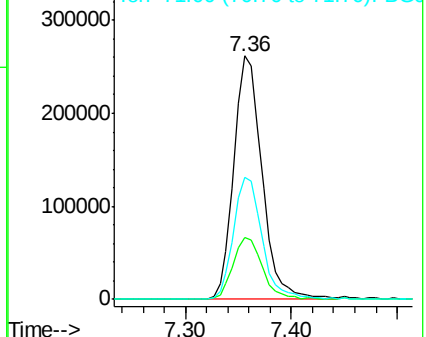
99 100

42 25.5 20.5 30.7

71 50.3 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: 2.31 ng

RT: 8.52 min Scan# 967

Delta R.T. 0.06 min

Lab File: BG025440.D

Acq: 9 Jan 2017 21:29

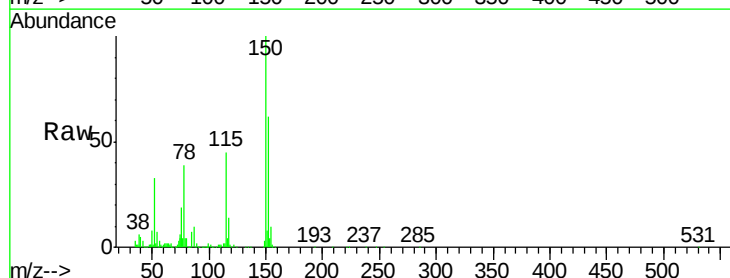
Tgt Ion: 79 Resp: 8377

Ion Ratio Lower Upper

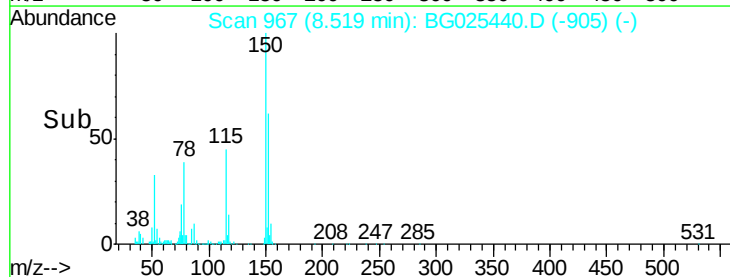
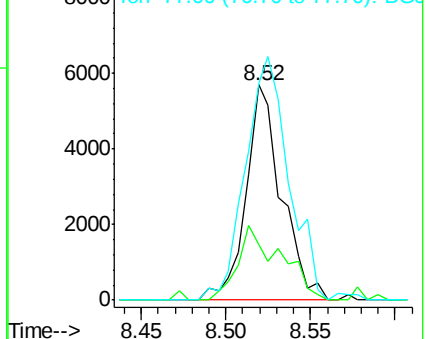
79 100

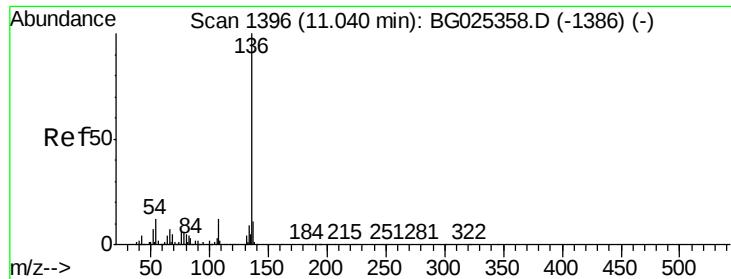
108 25.5 45.5 68.3#

77 100.5 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

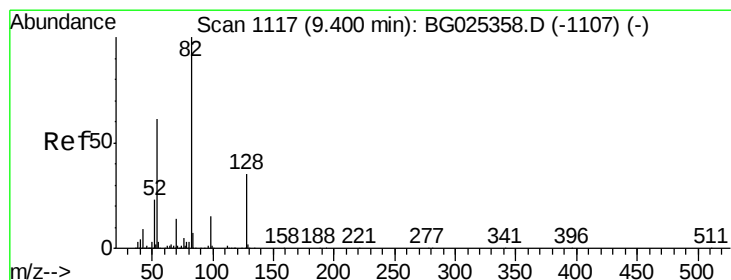
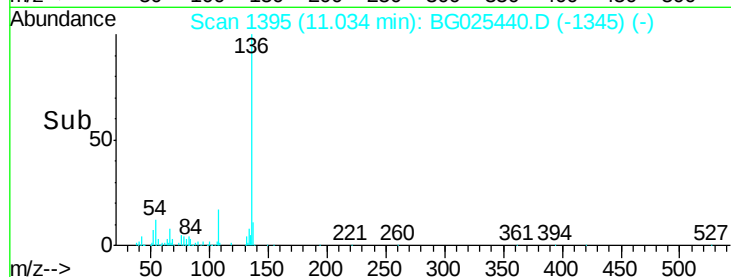
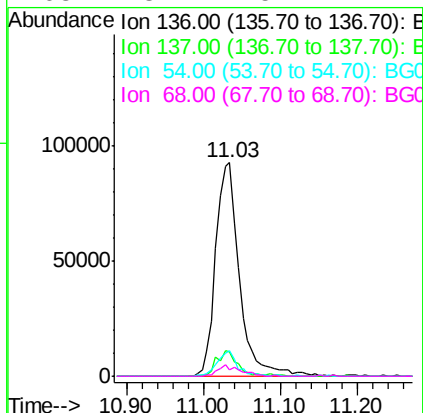
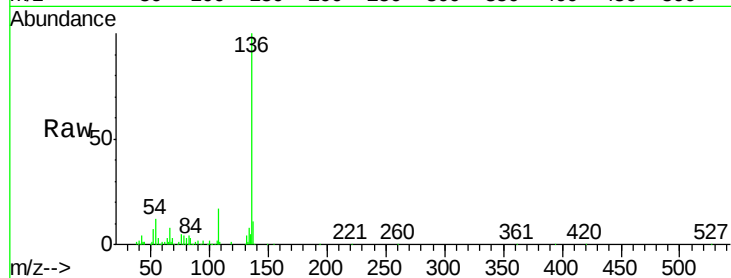




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BG025440.D
Acq: 9 Jan 2017 21:29

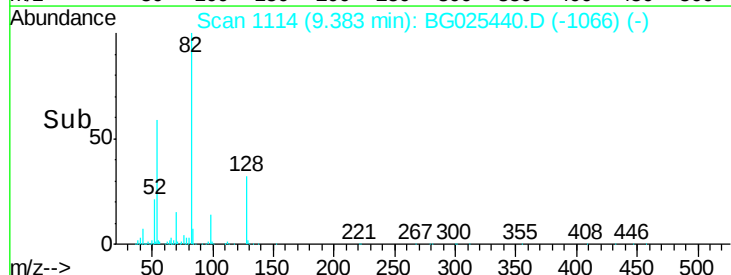
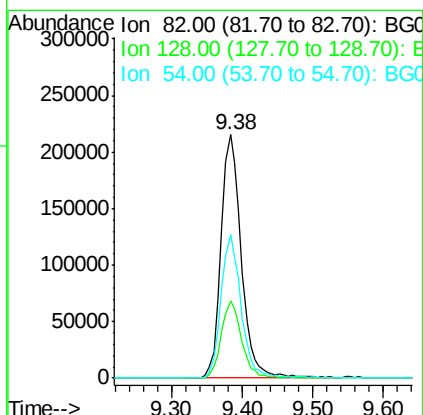
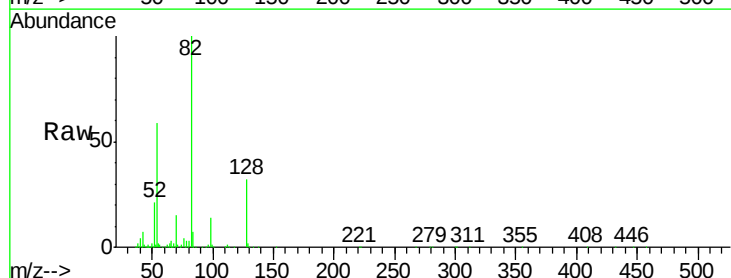
Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMP

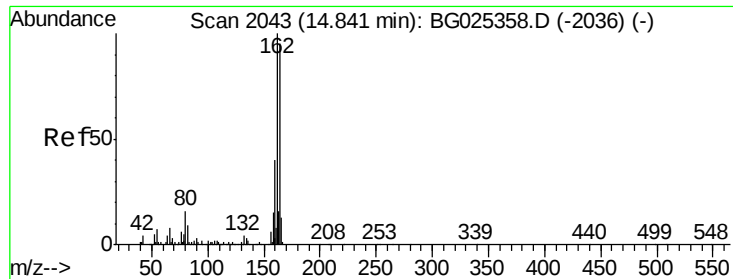
Tgt Ion:	136	Resp:	197471
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	12.0	9.3	13.9
68	3.1	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 96.33 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.02 min
Lab File: BG025440.D
Acq: 9 Jan 2017 21:29

Tgt Ion:	82	Resp:	430598
Ion	Ratio	Lower	Upper
82	100		
128	31.8	26.4	39.6
54	58.9	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: BG025440.D

Acq: 9 Jan 2017 21:29

Instrument :

BNA_G

ClientSampleId :

L-SWITCH-SP-0-2-COMP

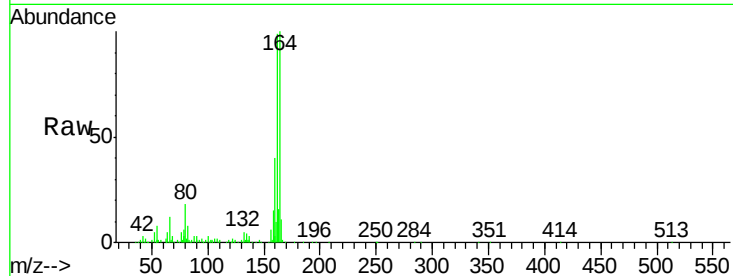
Tgt Ion:164 Resp: 152084

Ion Ratio Lower Upper

164 100

162 98.9 85.1 127.7

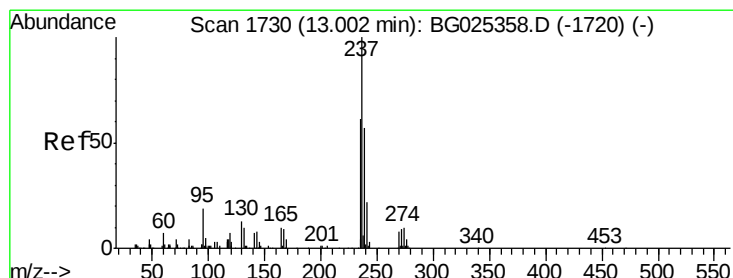
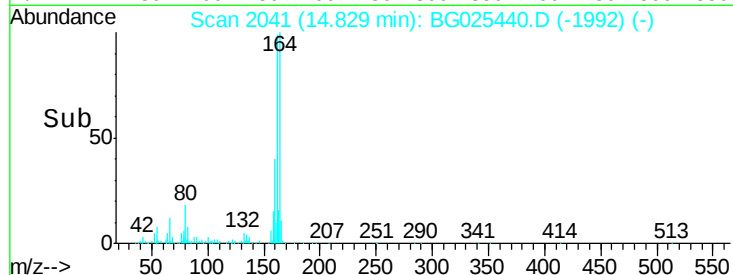
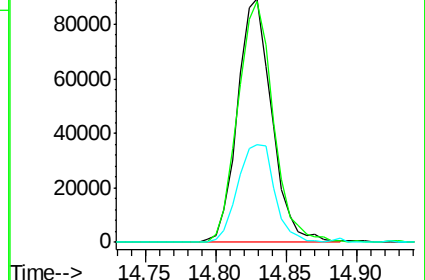
160 40.2 34.7 52.1



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: 13.06 min Scan# 1740

Delta R.T. 0.06 min

Lab File: BG025440.D

Acq: 9 Jan 2017 21:29

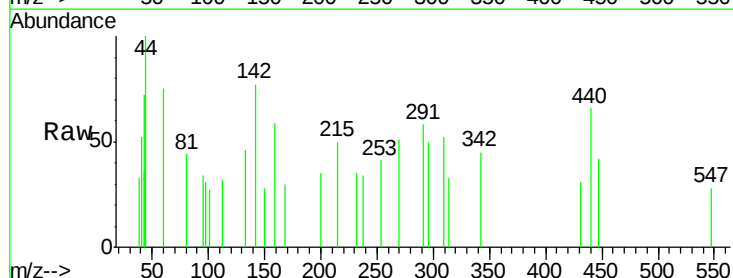
Tgt Ion:237 Resp: 67

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

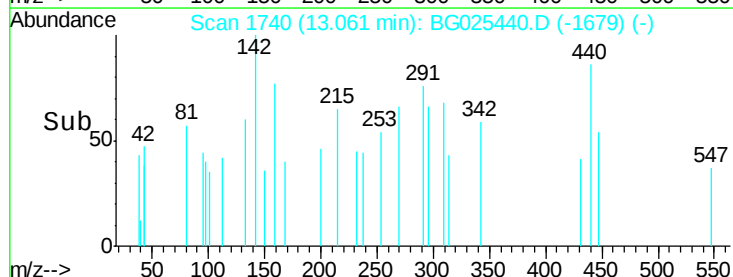
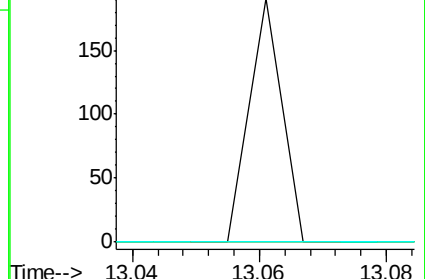
272 0.0 0.0 32.0

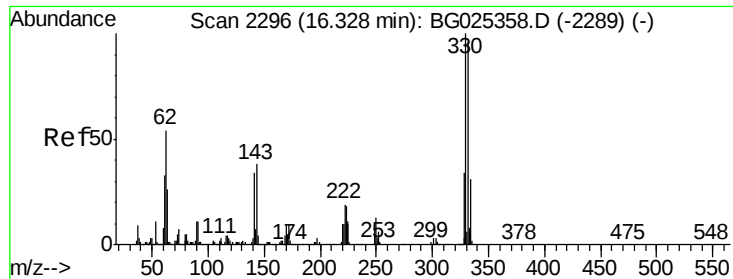


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 146.61 ng

RT: 16.32 min Scan# 2294

Delta R.T. -0.01 min

Lab File: BG025440.D

Acq: 9 Jan 2017 21:29

Instrument :

BNA_G

ClientSampleId :

L-SWITCH-SP-0-2-COMP

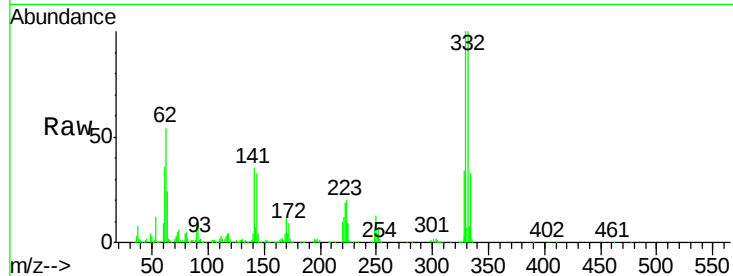
Tgt Ion:330 Resp: 358982

Ion Ratio Lower Upper

330 100

332 98.3 77.3 115.9

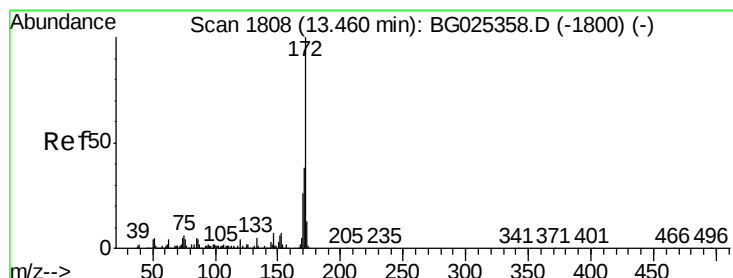
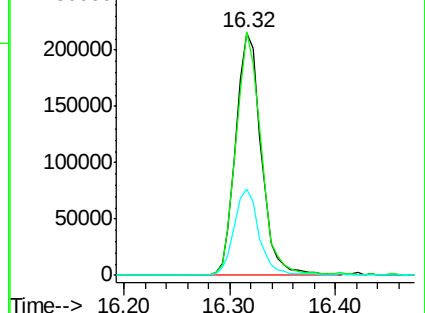
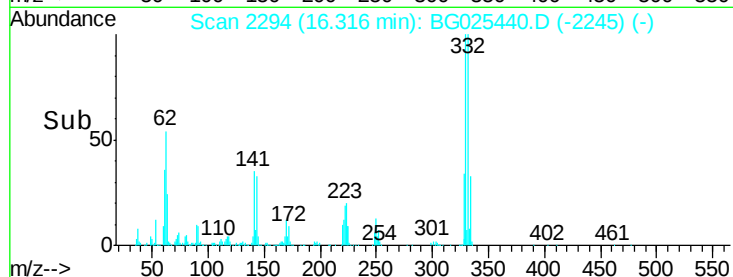
141 35.1 32.1 48.1



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: 98.18 ng

RT: 13.45 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BG025440.D

Acq: 9 Jan 2017 21:29

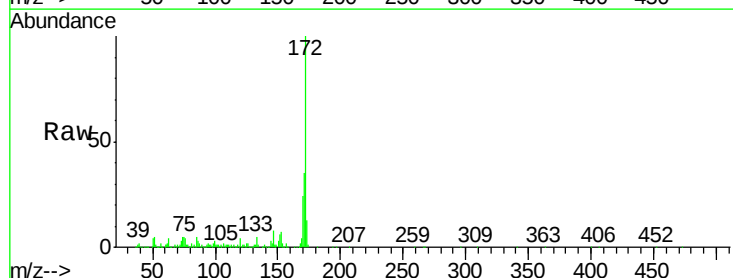
Tgt Ion:172 Resp: 922276

Ion Ratio Lower Upper

172 100

171 35.3 32.2 48.2

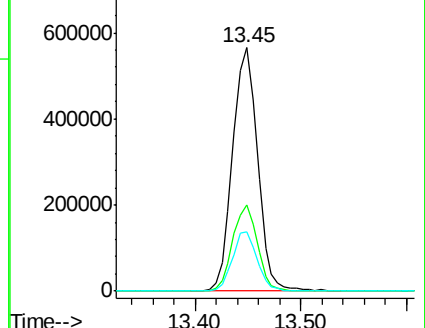
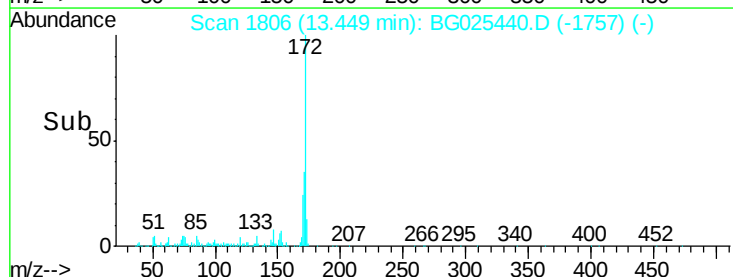
170 24.4 21.8 32.6

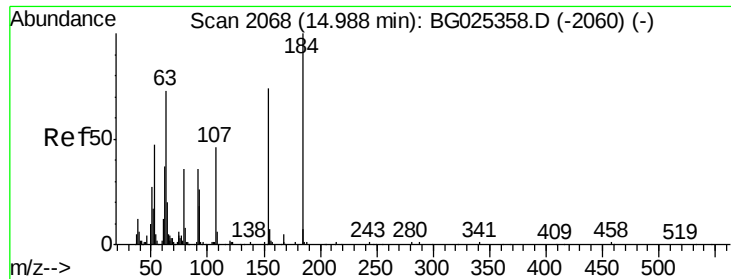


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#53

2,4-Dinitrophenol

Concen: 5.11 ng

RT: 14.93 min Scan# 2058

Delta R.T. -0.06 min

Lab File: BG025440.D

Acq: 9 Jan 2017 21:29

Instrument :

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ClientSampleId :

L-SWITCH-SP-0-2-COMP

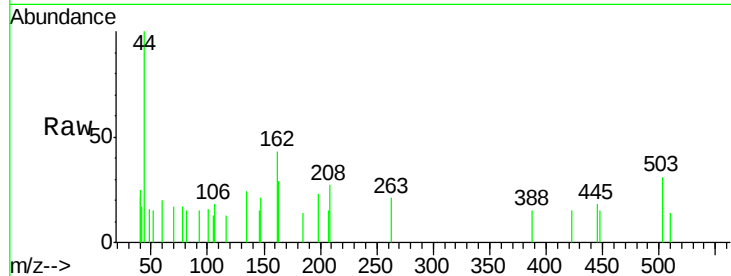
Tgt Ion:184 Resp: 57

Ion Ratio Lower Upper

184 100

63 0.0 52.7 79.1#

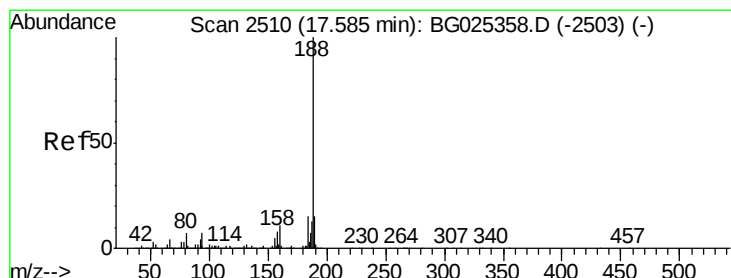
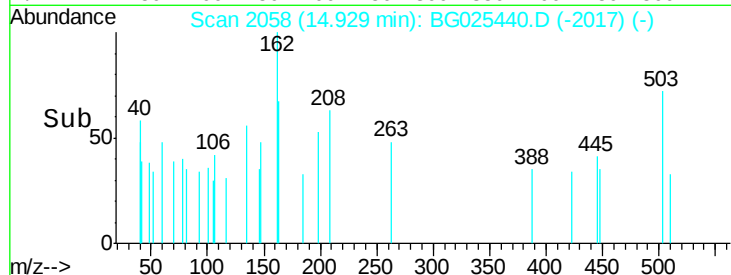
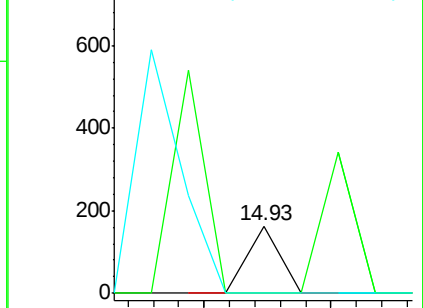
154 0.0 57.3 85.9#



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: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. -0.01 min

Lab File: BG025440.D

Acq: 9 Jan 2017 21:29

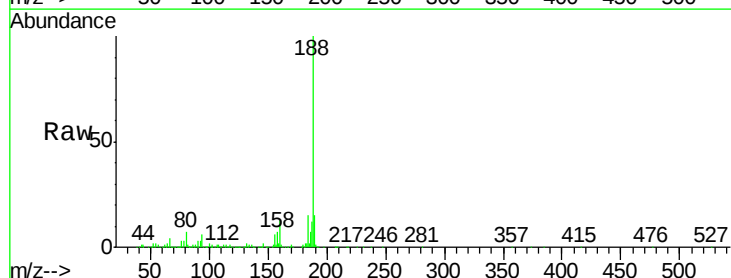
Tgt Ion:188 Resp: 368957

Ion Ratio Lower Upper

188 100

94 5.8 5.8 8.8#

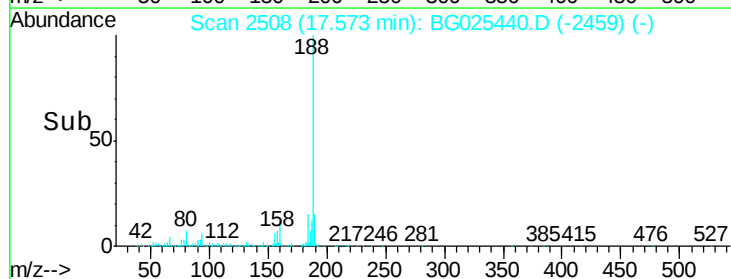
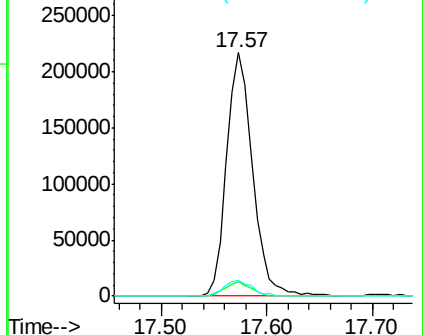
80 6.6 7.5 11.3#

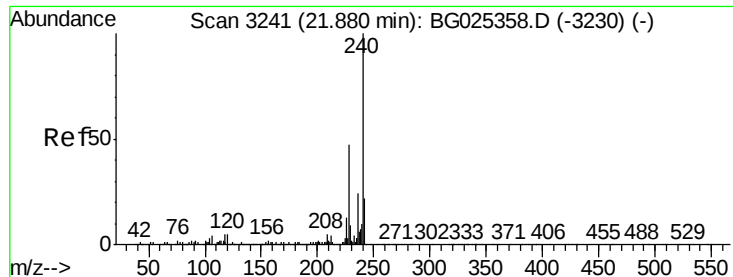


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.02 min

Lab File: BG025440.D

Acq: 9 Jan 2017 21:29

Instrument :

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L-SWITCH-SP-0-2-COMP

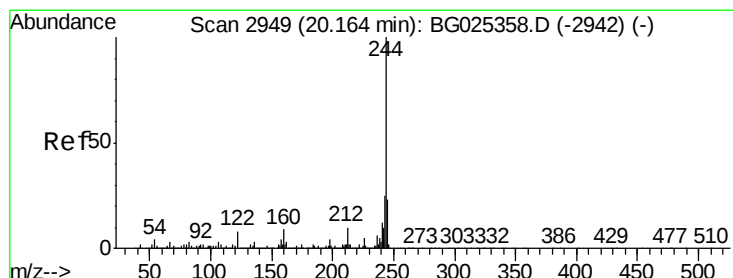
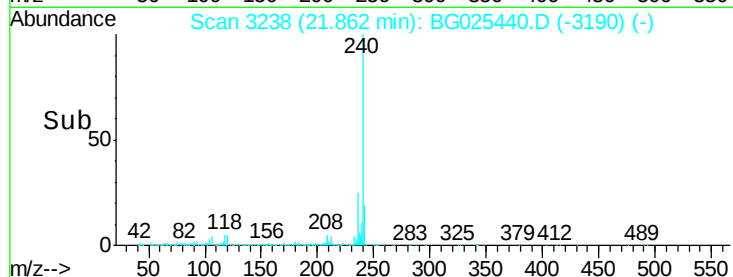
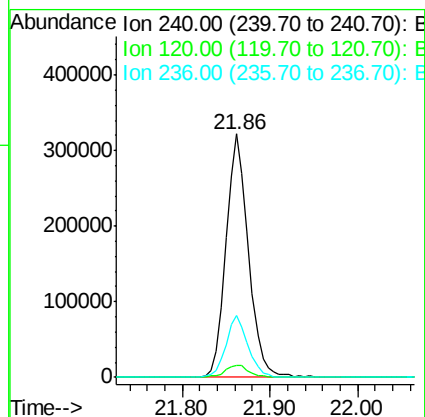
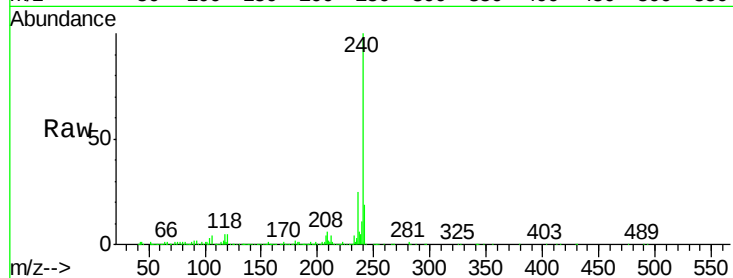
Tgt Ion:240 Resp: 566392

Ion Ratio Lower Upper

240 100

120 5.0 5.7 8.5#

236 25.4 22.2 33.4



#78

Terphenyl-d14

Concen: 93.33 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG025440.D

Acq: 9 Jan 2017 21:29

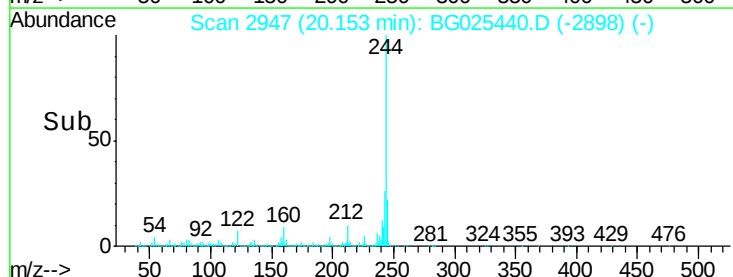
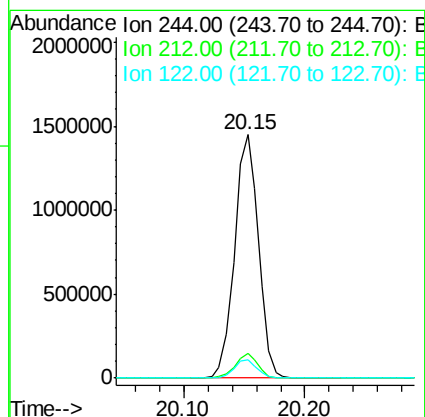
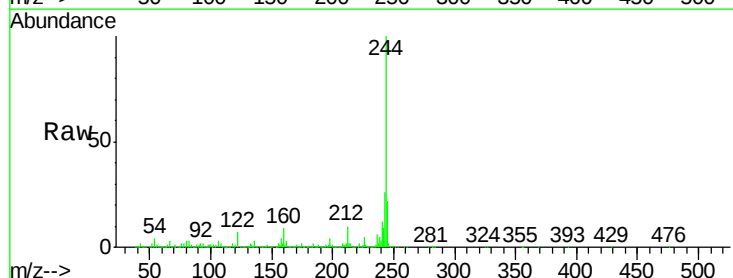
Tgt Ion:244 Resp: 1993732

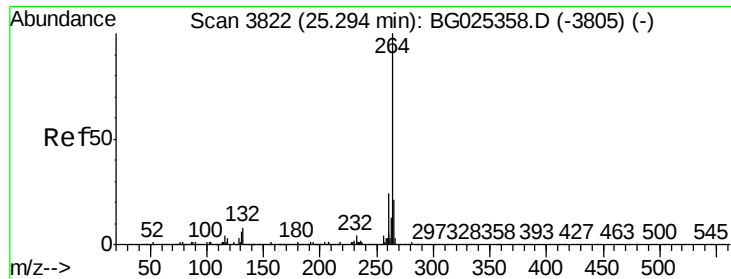
Ion Ratio Lower Upper

244 100

212 10.1 10.0 15.0

122 7.5 8.6 12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.26 min Scan# 3816
Delta R.T. -0.04 min
Lab File: BG025440.D
Acq: 9 Jan 2017 21:29

Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMP

Tgt Ion:	264	Resp:	593548
Ion	Ratio	Lower	Upper
264	100		
260	23.4	21.8	32.8
265	21.3	18.2	27.4

