

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123016\
 Data File : BG025414.D
 Acq On : 30 Dec 2016 15:20
 Operator : UM/SJ
 Sample : PB95693BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB95693BL

Quant Time: Dec 30 22:06:27 2016
 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

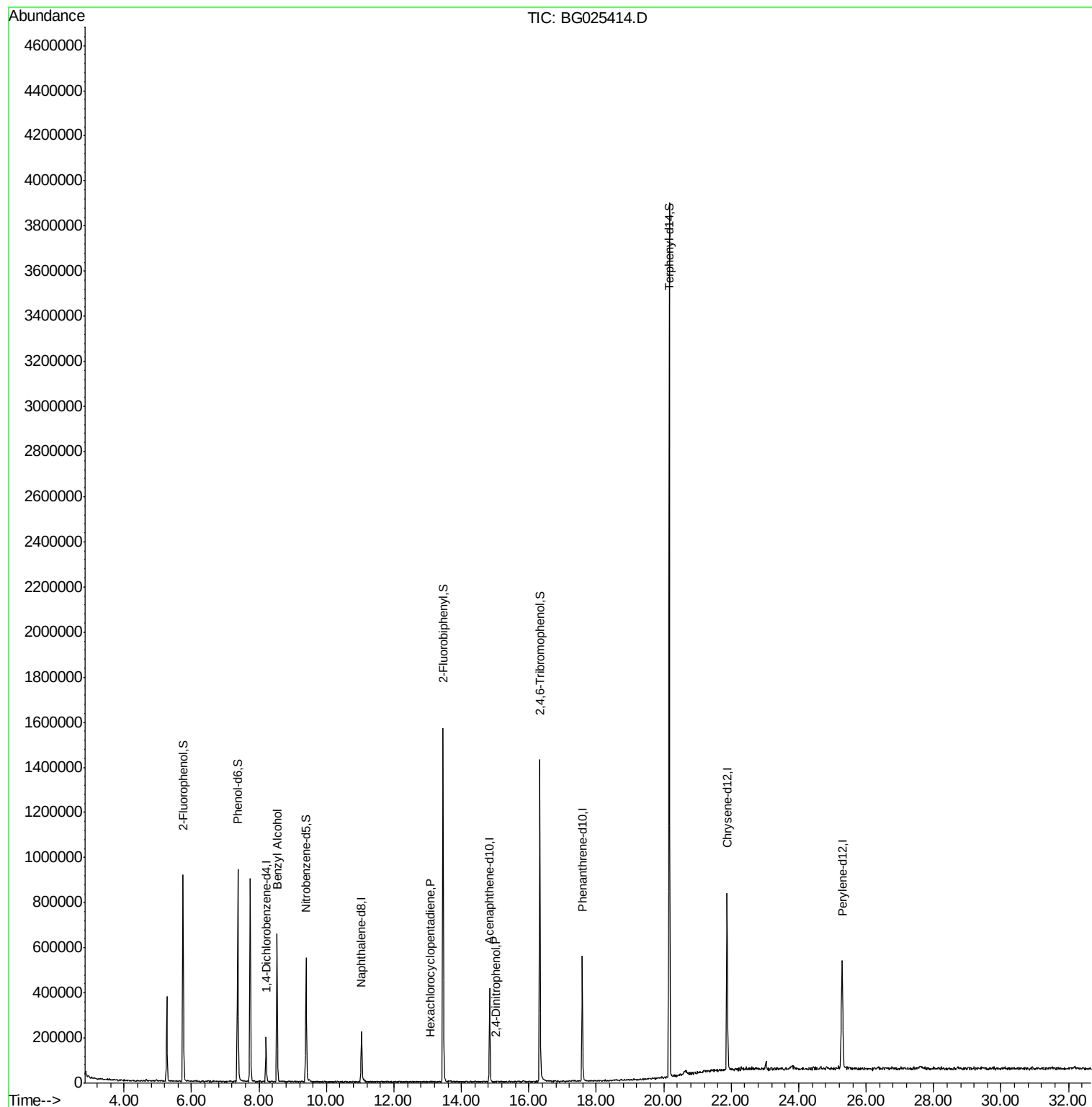
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	45125	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	193067	20.00	ng	0.00
38) Acenaphthene-d10	14.84	164	156749	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	369747	20.00	ng	0.00
75) Chrysene-d12	21.87	240	571449	20.00	ng	0.00
86) Perylene-d12	25.29	264	603585	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	354193	142.67	ng	0.00
7) Phenol-d6	7.37	99	493929	141.27	ng	0.00
23) Nitrobenzene-d5	9.39	82	355235	81.28	ng	0.00
41) 2,4,6-Tribromophenol	16.33	330	309465	122.63	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	815364	84.21	ng	0.00
78) Terphenyl-d14	20.16	244	1680224	77.96	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.54	79	7778	2.33	ng	# 65
40) Hexachlorocyclopentadiene	13.08	237	60	8.54	ng	# 29
53) 2,4-Dinitrophenol	15.02	184	168	5.17	ng	# 15

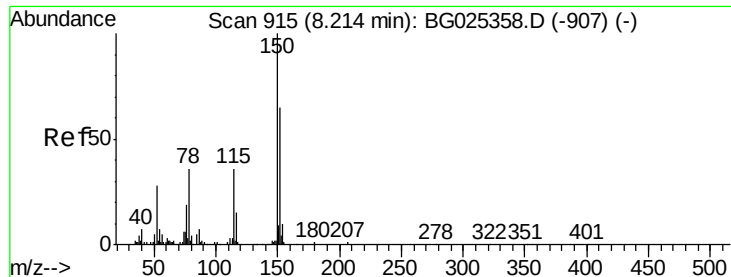
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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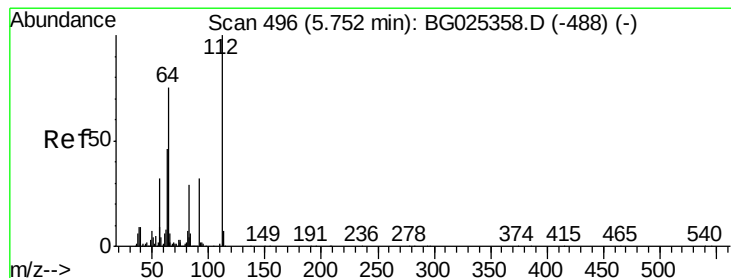
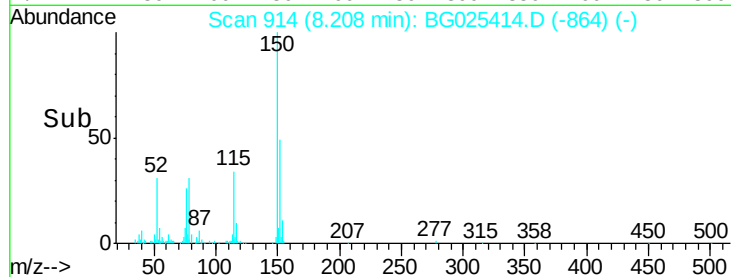
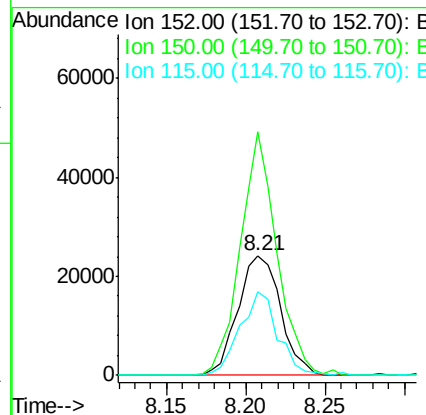
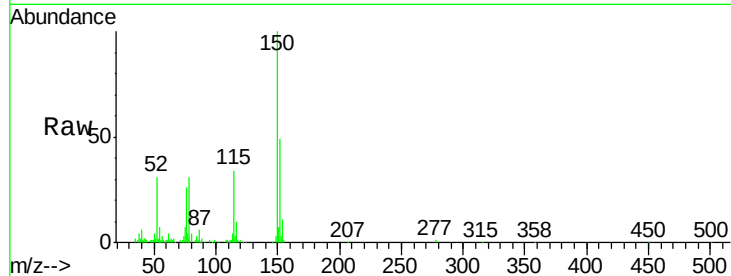


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.21 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BG025414.D
 Acq: 30 Dec 2016 15:20

Instrument :
 BNA_G
 ClientSampleID :
 PB95693BL

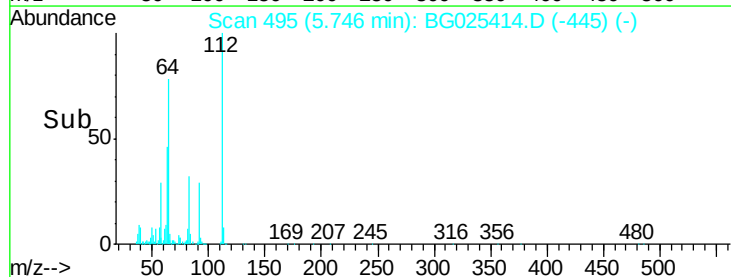
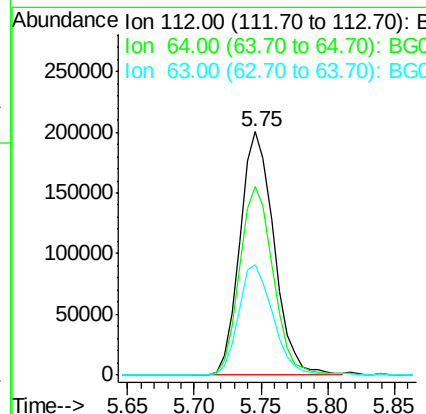
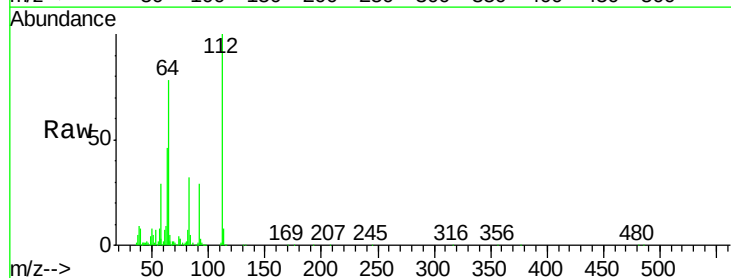
Tgt Ion	Ratio	Lower	Upper
152	100		
150	203.0	114.0	171.0#
115	69.5	48.1	72.1

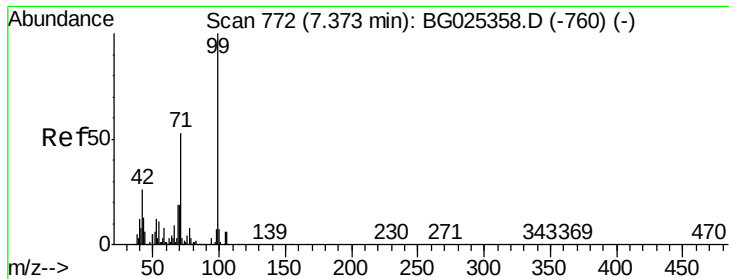


#5

2-Fluorophenol
 Concen: 142.67 ng
 RT: 5.75 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: BG025414.D
 Acq: 30 Dec 2016 15:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.6	61.8	92.6
63	45.6	37.2	55.8





#7

Phenol-d6

Concen: 141.27 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.01 min

Lab File: BG025414.D

Acq: 30 Dec 2016 15:20

Instrument :

BNA_G

ClientSampleId :

PB95693BL

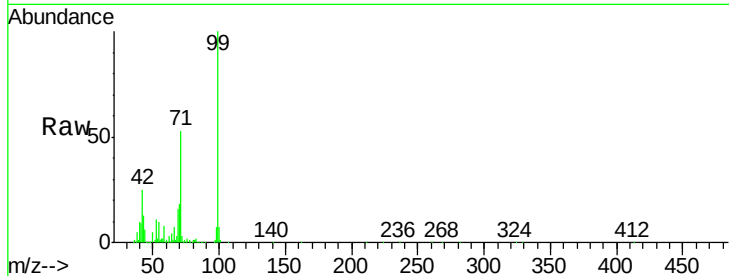
Tgt Ion: 99 Resp: 493929

Ion Ratio Lower Upper

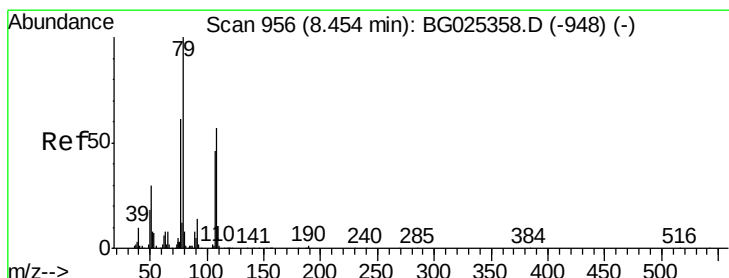
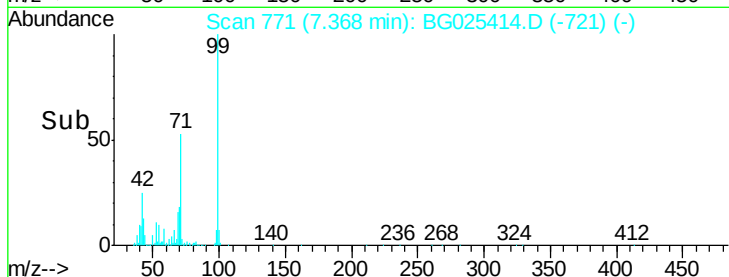
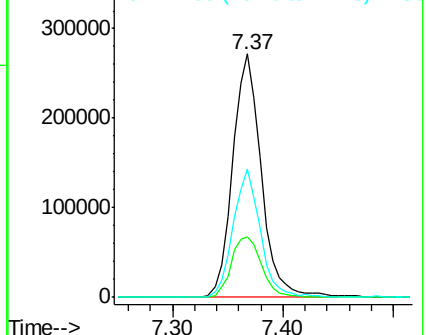
99 100

42 24.9 20.5 30.7

71 52.7 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: 2.33 ng

RT: 8.54 min Scan# 971

Delta R.T. 0.09 min

Lab File: BG025414.D

Acq: 30 Dec 2016 15:20

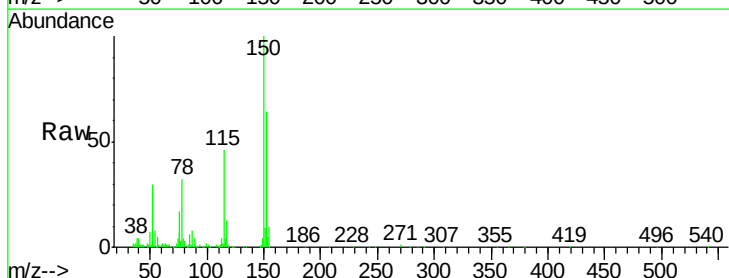
Tgt Ion: 79 Resp: 7778

Ion Ratio Lower Upper

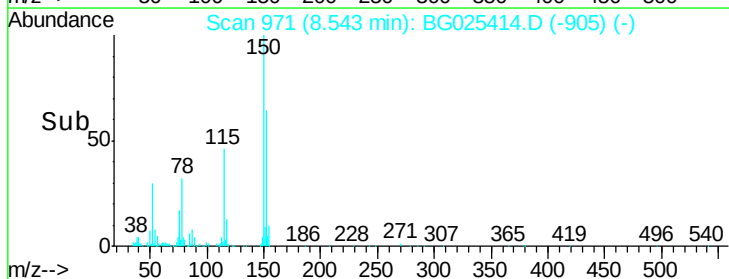
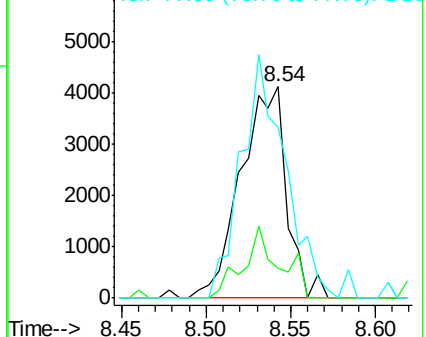
79 100

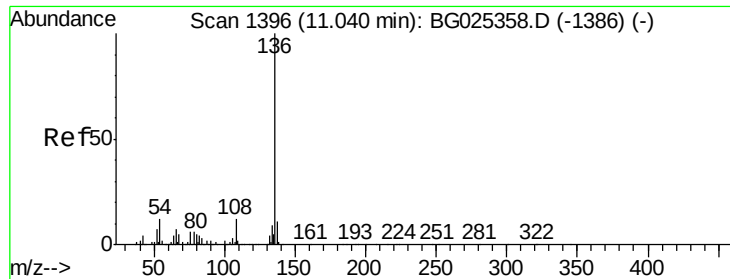
108 14.0 45.5 68.3#

77 80.7 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

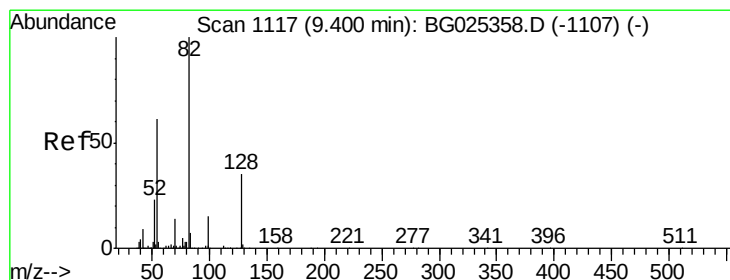
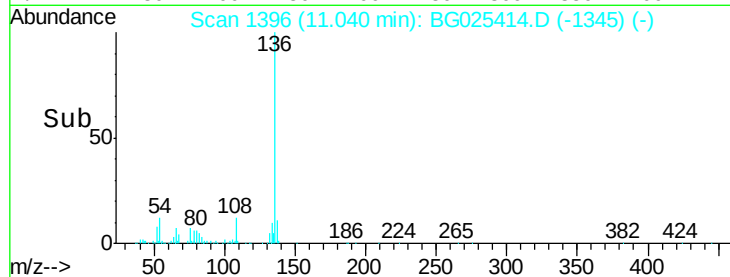
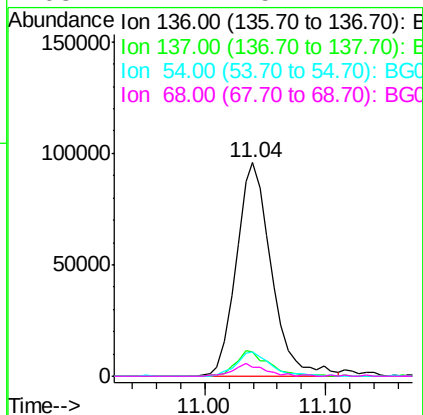
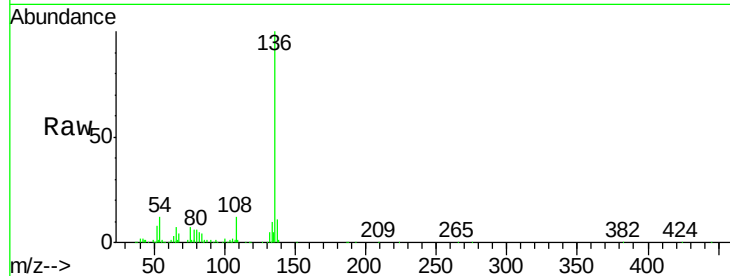




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.04 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BG025414.D
Acq: 30 Dec 2016 15:20

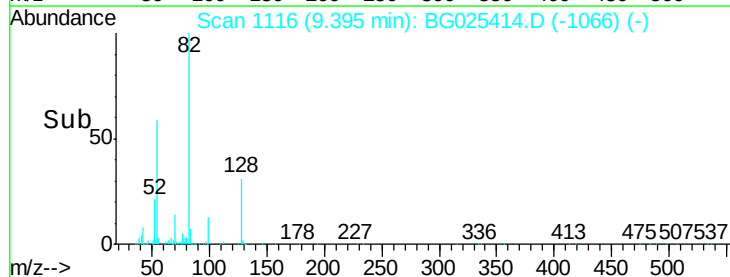
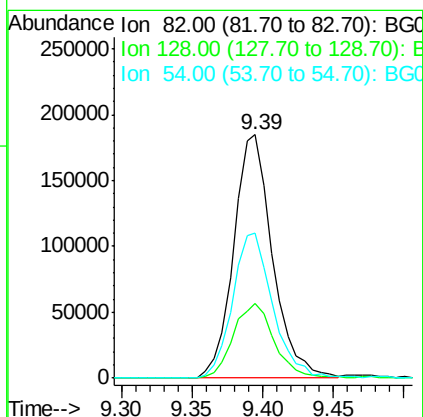
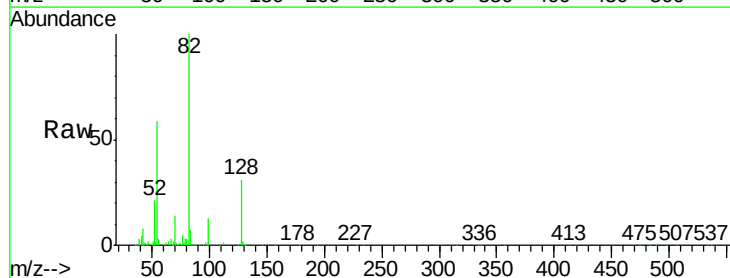
Instrument :
BNA_G
ClientSampleId :
PB95693BL

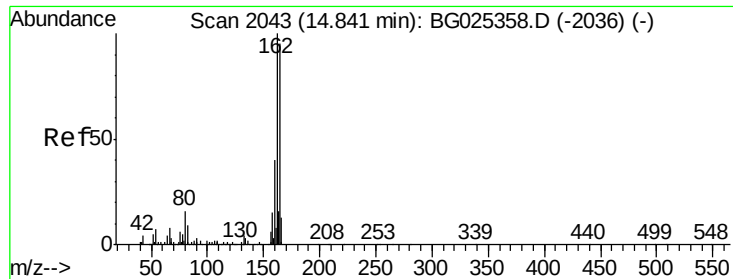
Tgt Ion:	136	Resp:	193067
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	11.5	9.3	13.9
68	4.2	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 81.28 ng
RT: 9.39 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BG025414.D
Acq: 30 Dec 2016 15:20

Tgt Ion:	82	Resp:	355235
Ion	Ratio	Lower	Upper
82	100		
128	30.6	26.4	39.6
54	59.4	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.84 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG025414.D

Acq: 30 Dec 2016 15:20

Instrument :

BNA_G

ClientSampleId :

PB95693BL

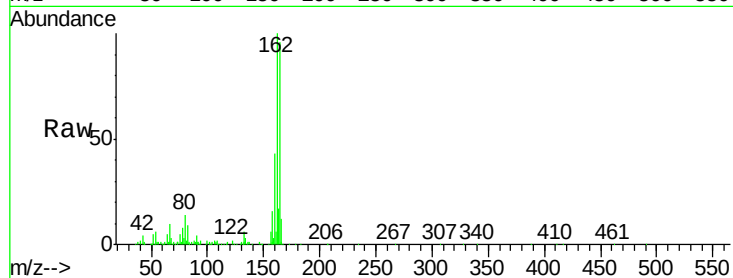
Tgt Ion:164 Resp: 156749

Ion Ratio Lower Upper

164 100

162 104.3 85.1 127.7

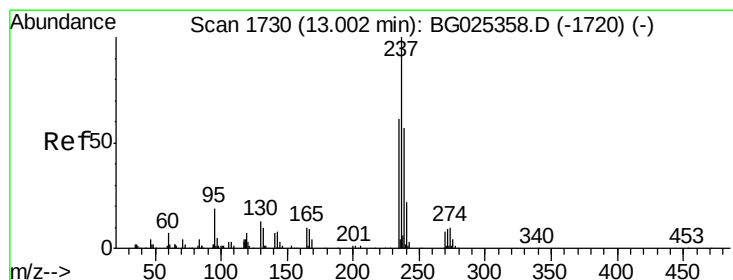
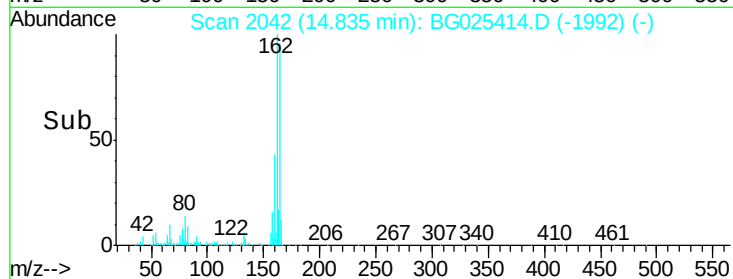
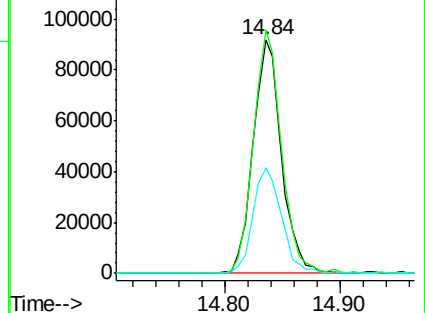
160 45.1 34.7 52.1



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: 13.08 min Scan# 1743

Delta R.T. 0.08 min

Lab File: BG025414.D

Acq: 30 Dec 2016 15:20

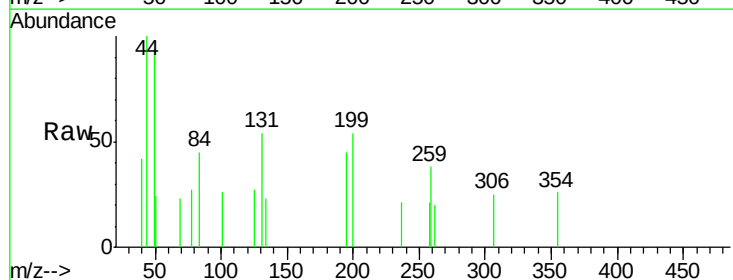
Tgt Ion:237 Resp: 60

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

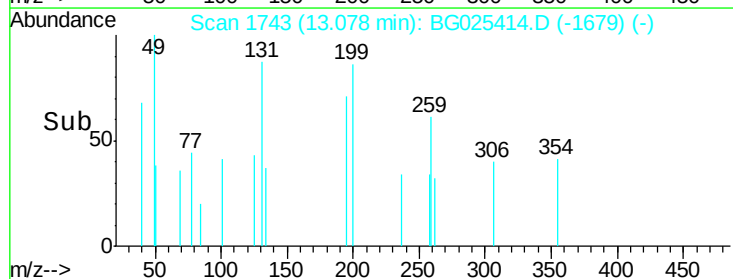
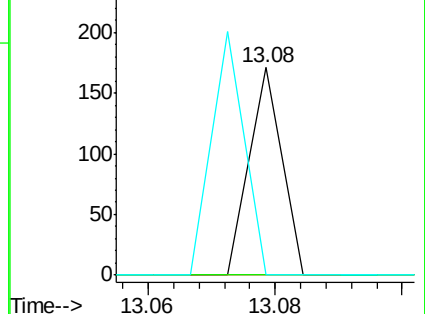
272 0.0 0.0 32.0

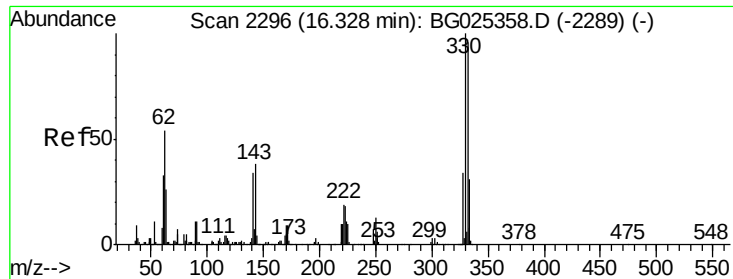


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

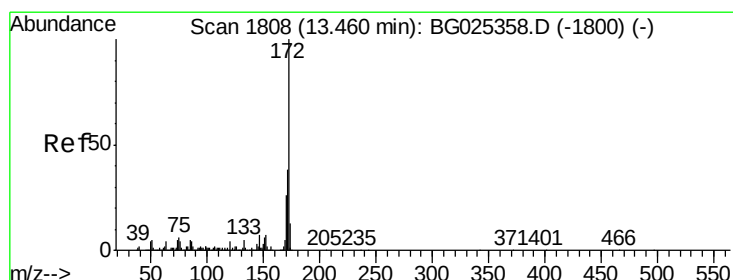
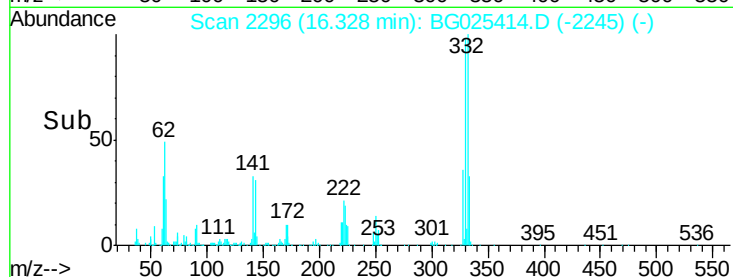
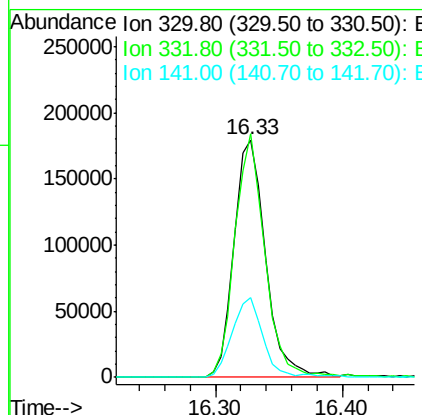
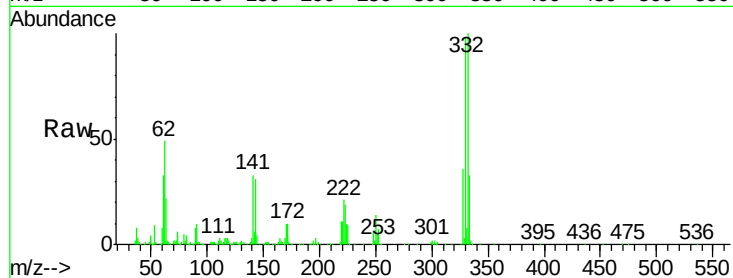




#41
 2,4,6-Tribromophenol
 Concen: 122.63 ng
 RT: 16.33 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BG025414.D
 Acq: 30 Dec 2016 15:20

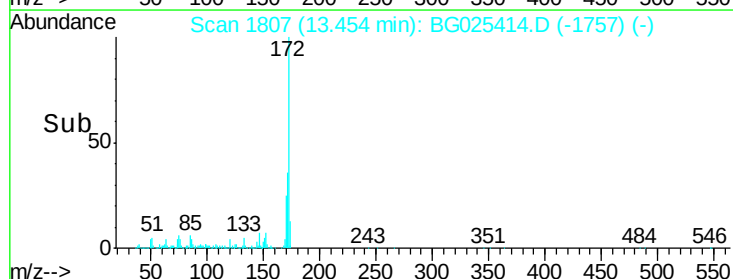
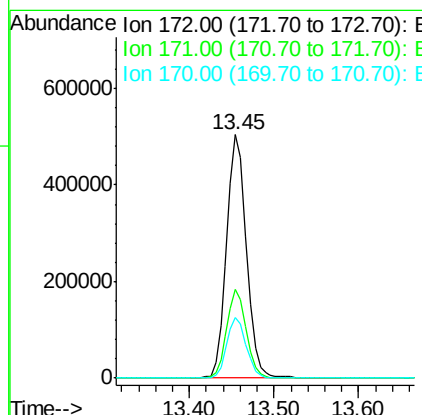
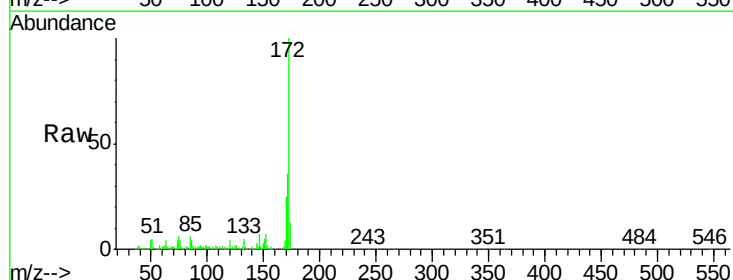
Instrument :
 BNA_G
 ClientSampleId :
 PB95693BL

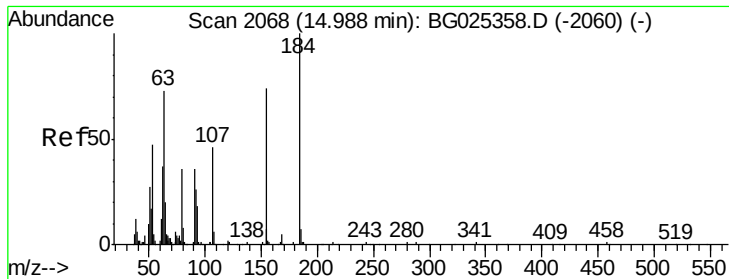
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.3	115.9
141	33.2	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 84.21 ng
 RT: 13.45 min Scan# 1807
 Delta R.T. -0.01 min
 Lab File: BG025414.D
 Acq: 30 Dec 2016 15:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	32.2	48.2
170	24.7	21.8	32.6

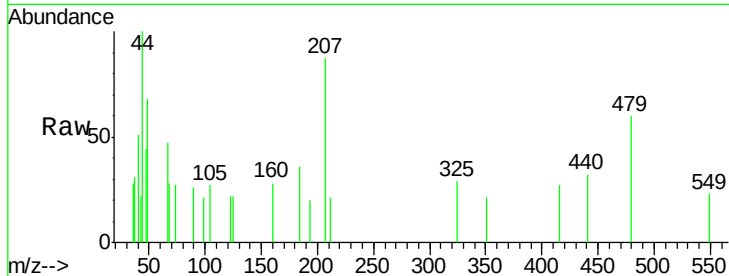




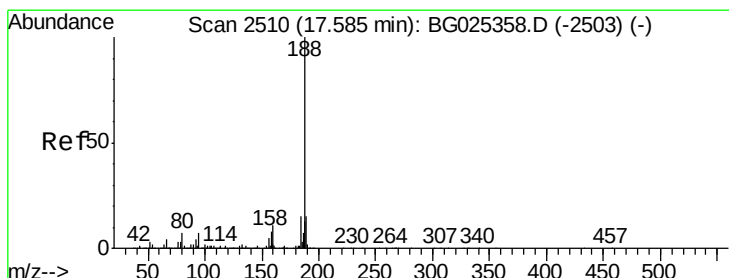
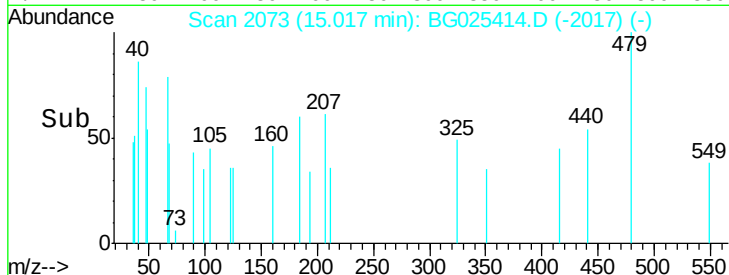
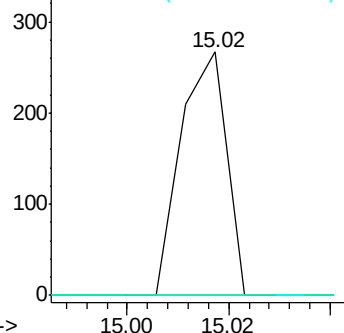
#53
 2,4-Dinitrophenol
 Concen: 5.17 ng
 RT: 15.02 min Scan# 2073
 Delta R.T. 0.03 min
 Lab File: BG025414.D
 Acq: 30 Dec 2016 15:20

Instrument :
 BNA_G
 ClientSampleID :
 PB95693BL

Tgt Ion:184 Resp: 168
 Ion Ratio Lower Upper
 184 100
 63 0.0 52.7 79.1#
 154 0.0 57.3 85.9#

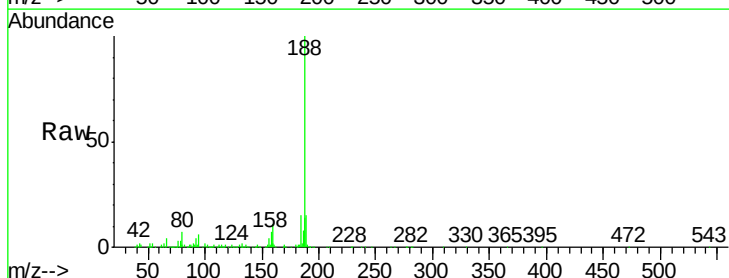


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

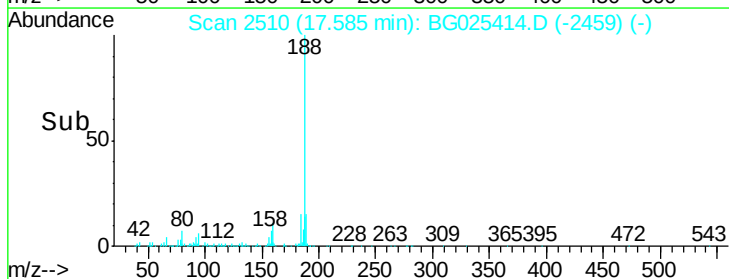
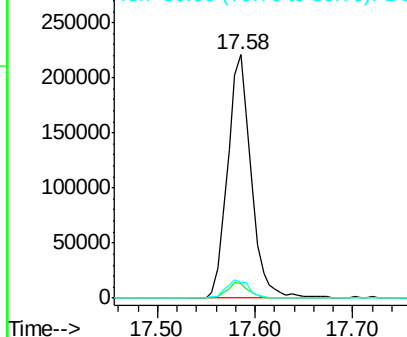


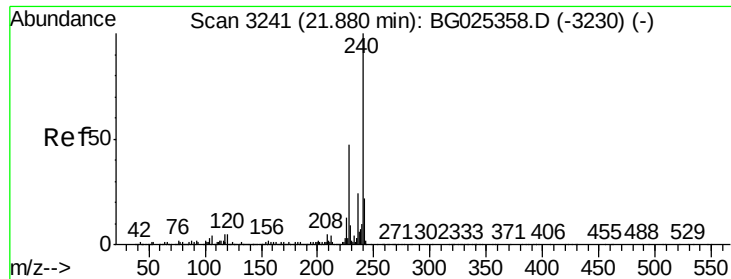
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.58 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: BG025414.D
 Acq: 30 Dec 2016 15:20

Tgt Ion:188 Resp: 369747
 Ion Ratio Lower Upper
 188 100
 94 5.9 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: 21.87 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BG025414.D

Acq: 30 Dec 2016 15:20

Instrument :

BNA_G

ClientSampleId :

PB95693BL

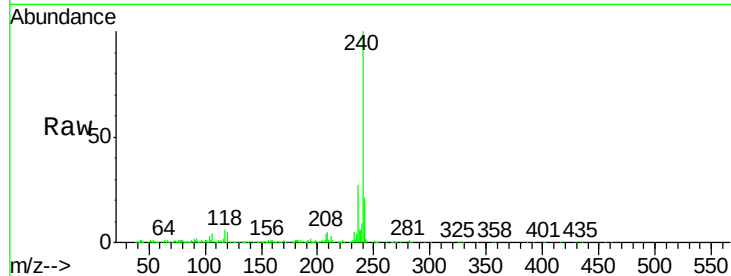
Tgt Ion:240 Resp: 571449

Ion Ratio Lower Upper

240 100

120 4.6 5.7 8.5#

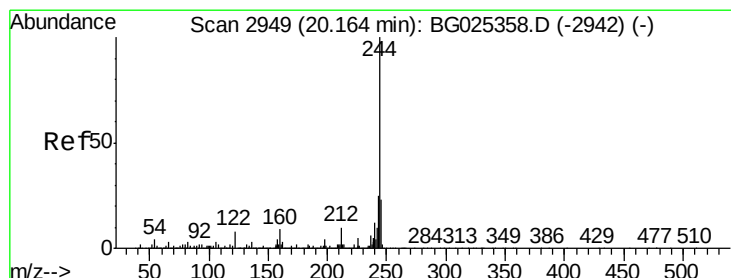
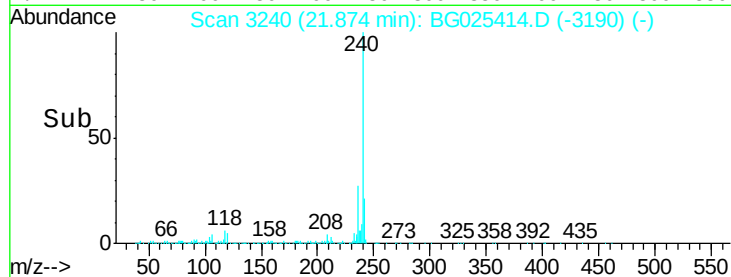
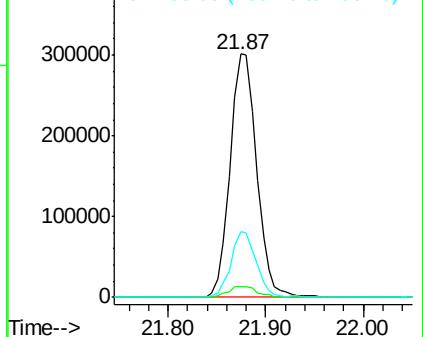
236 27.2 22.2 33.4



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



#78

Terphenyl-d14

Concen: 77.96 ng

RT: 20.16 min Scan# 2949

Delta R.T. -0.00 min

Lab File: BG025414.D

Acq: 30 Dec 2016 15:20

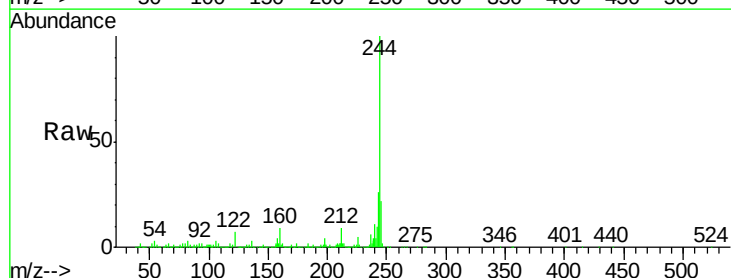
Tgt Ion:244 Resp: 1680224

Ion Ratio Lower Upper

244 100

212 9.3 10.0 15.0#

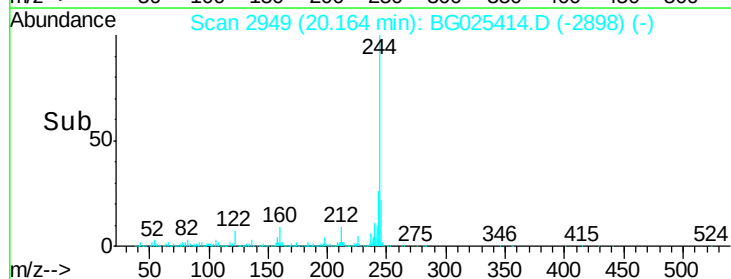
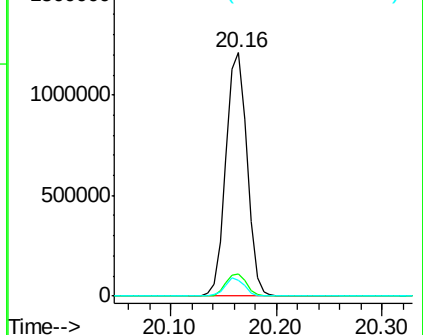
122 6.7 8.6 12.8#

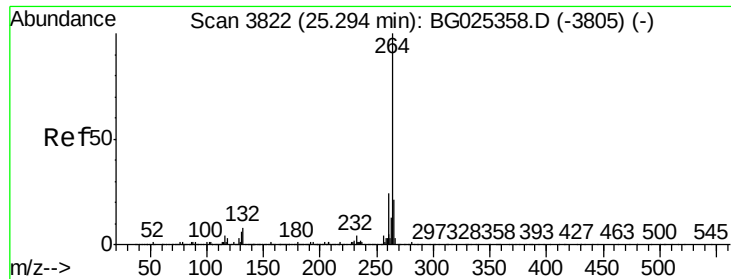


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

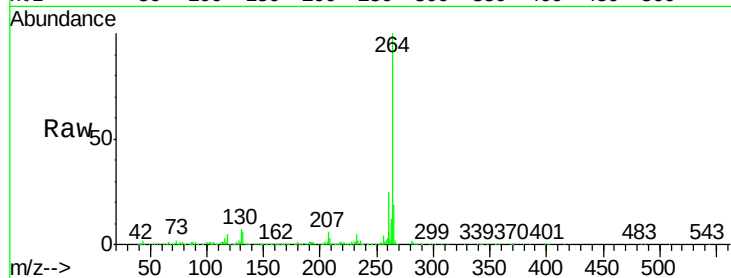




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.29 min Scan# 3821
Delta R.T. -0.01 min
Lab File: BG025414.D
Acq: 30 Dec 2016 15:20

Instrument :
BNA_G
ClientSampleId :
PB95693BL

Tgt Ion:	264	Resp:	603585
Ion	Ratio	Lower	Upper
264	100		
260	24.5	21.8	32.8
265	19.3	18.2	27.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

