

Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
 Data File : BG032553.D
 Acq On : 6 Feb 2018 3:10
 Operator : SJ/JU
 Sample : J1453-12
 Misc : MDL8PPM
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 06 06:22:12 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

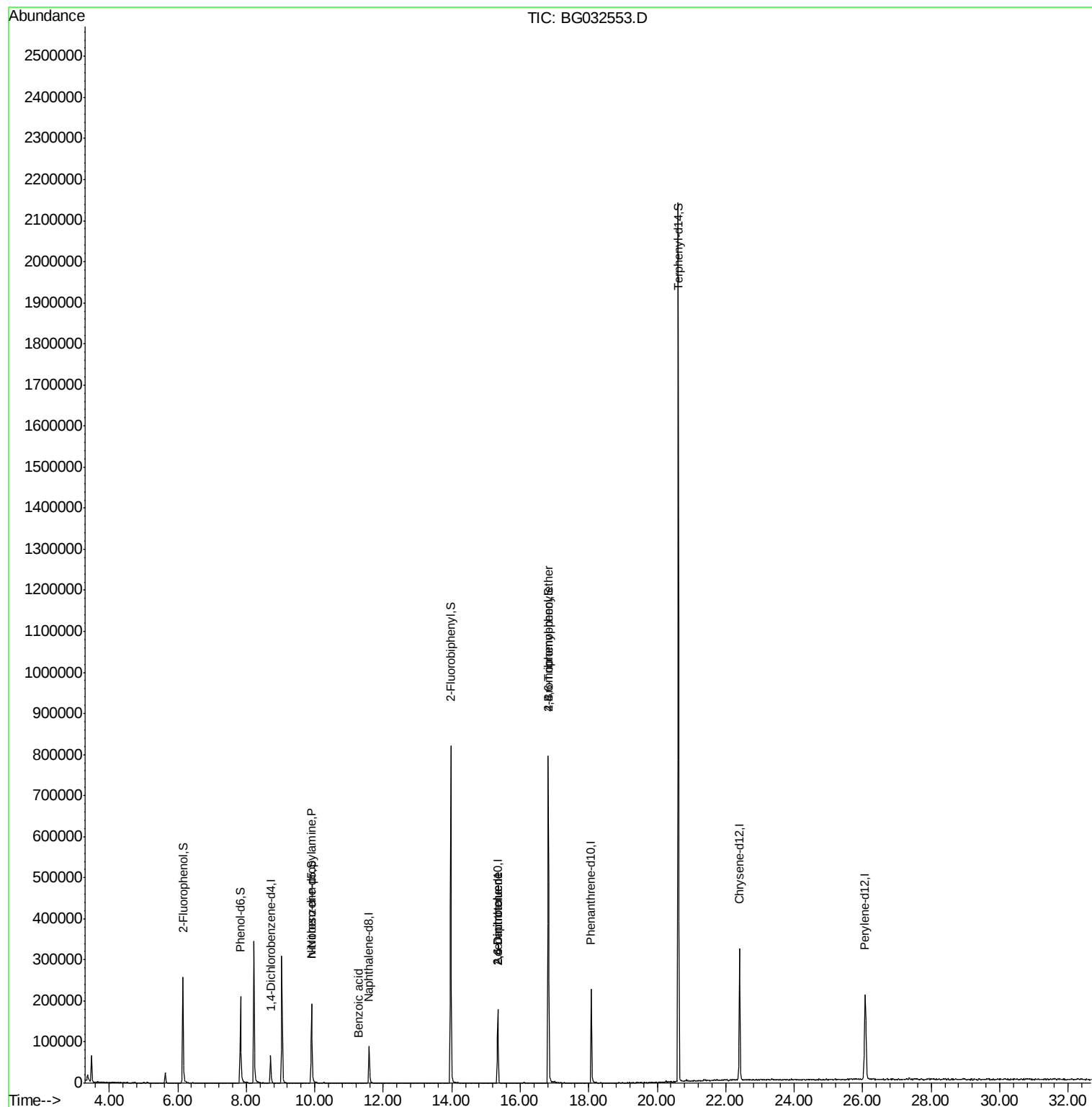
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	24407	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	98218	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	69335	20.00	ng	-0.01
63) Phenanthrene-d10	18.07	188	183144	20.00	ng	-0.02
75) Chrysene-d12	22.40	240	249604	20.00	ng	-0.02
86) Perylene-d12	26.07	264	298127	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	138339	113.85	ng	0.00
7) Phenol-d6	7.83	99	146849	90.56	ng	0.00
23) Nitrobenzene-d5	9.91	82	133514	84.91	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	203855	154.46	ng	-0.02
44) 2-Fluorobiphenyl	13.97	172	506412	86.81	ng	-0.02
78) Terphenyl-d14	20.61	244	1180872	101.34	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.90	70	18871	17.552	ng	# 84
32) Benzoic acid	11.27	122	54	7.330	ng	# 1
50) 2,6-Dinitrotoluene	15.34	165	8636	6.436	ng	# 18
56) 2,4-Dinitrotoluene	15.34	165	8636	4.520	ng	# 16
66) 4-Bromophenyl-phenylether	16.82	248	15428	5.686	ng	# 1

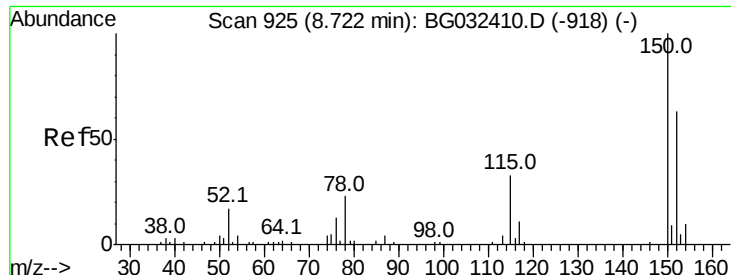
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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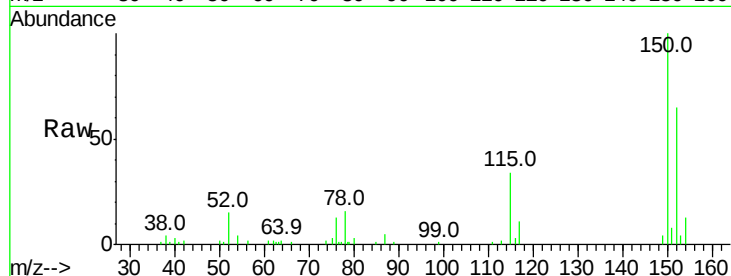


#1

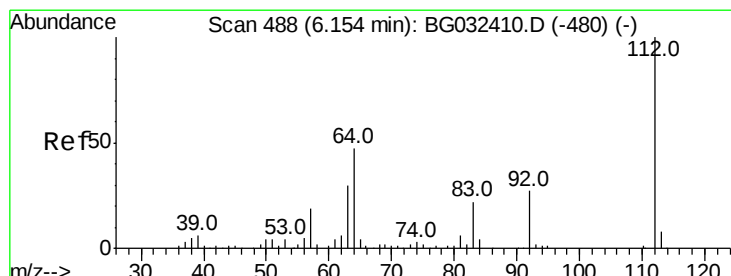
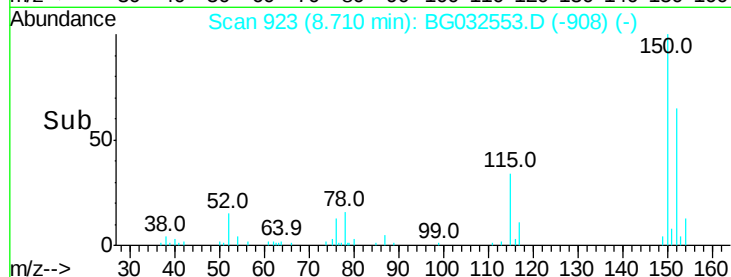
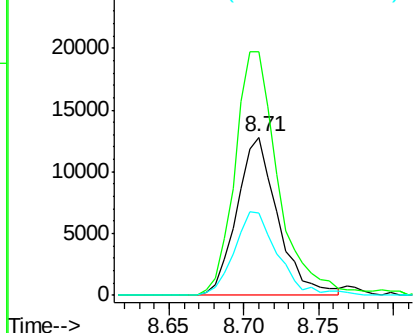
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032553.D
Acq: 6 Feb 2018 3:10

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 24407
Ion Ratio Lower Upper
152 100
150 153.9 126.6 189.8
115 52.0 53.0 79.4#



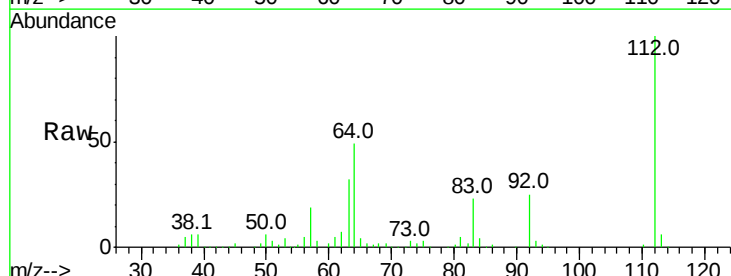
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



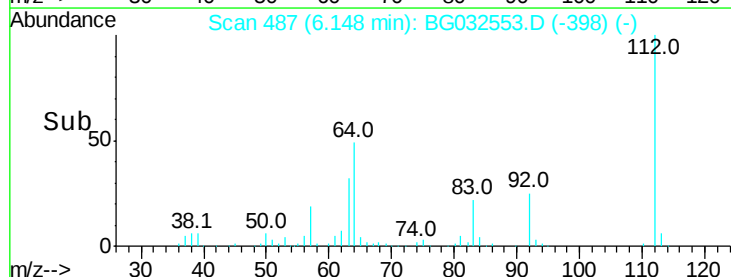
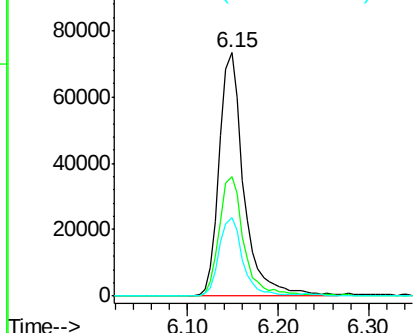
#5

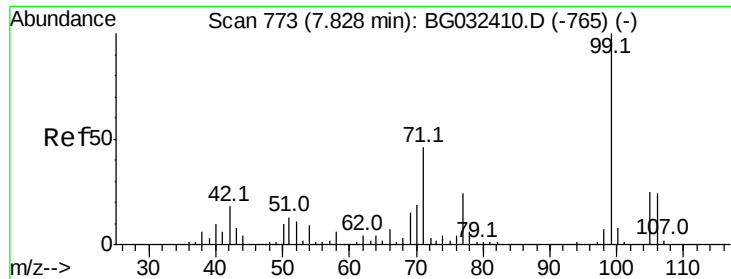
2-Fluorophenol
Concen: 113.845 ng
RT: 6.15 min Scan# 487
Delta R.T. -0.01 min
Lab File: BG032553.D
Acq: 6 Feb 2018 3:10

Tgt Ion:112 Resp: 138339
Ion Ratio Lower Upper
112 100
64 49.1 56.3 84.5#
63 32.2 30.1 45.1



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: 90.563 ng

RT: 7.83 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG032553.D

Acq: 6 Feb 2018 3:10

Instrument :

BNA_G

ClientSampled :

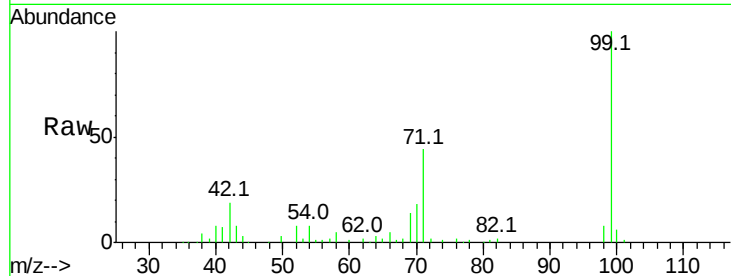
Tot Ion: 99 Resp: 146849

Ion Ratio Lower Upper

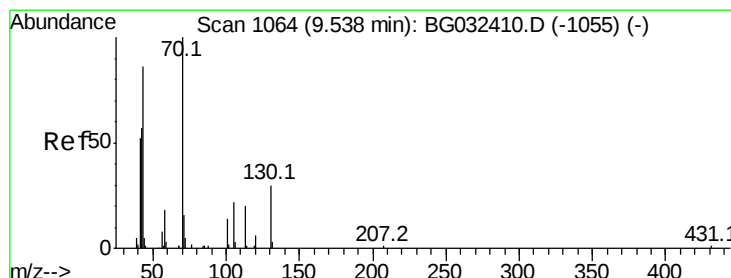
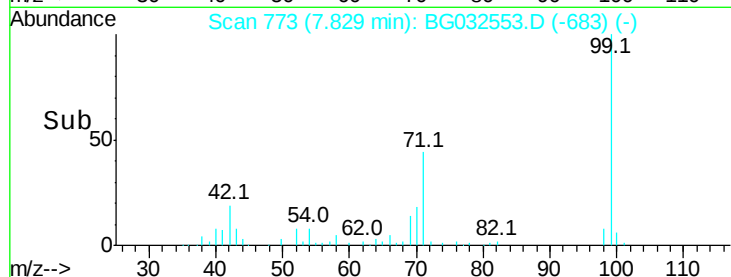
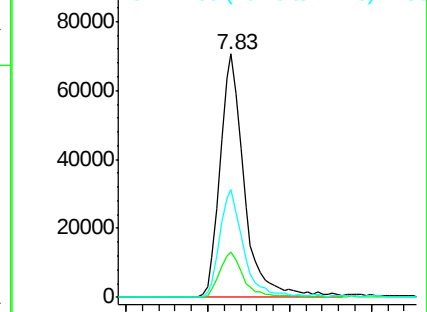
99 100

42 18.5 14.1 21.1

71 44.3 26.1 39.1#



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.552 ng

RT: 9.90 min Scan# 1126

Delta R.T. 0.36 min

Lab File: BG032553.D

Acq: 6 Feb 2018 3:10

Tgt Ion: 70 Resp: 18871

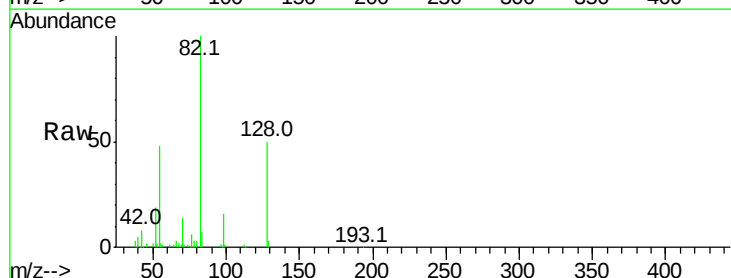
Ion Ratio Lower Upper

70 100

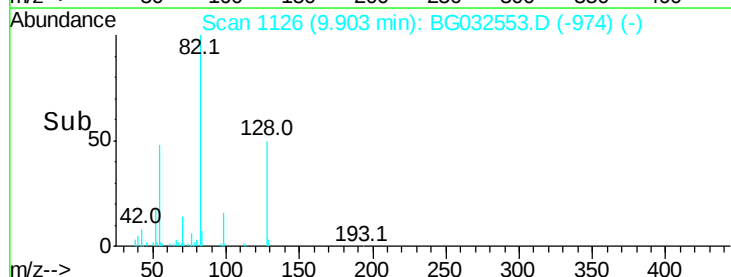
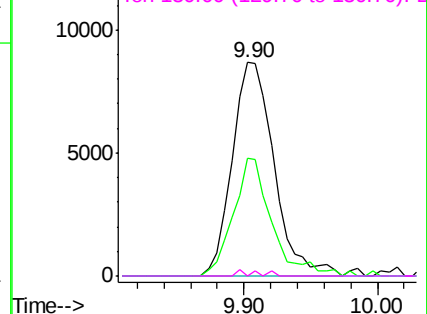
42 55.3 49.1 73.7

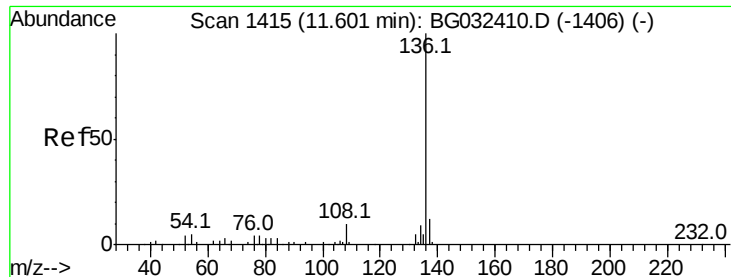
101 0.0 8.5 12.7#

130 0.0 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

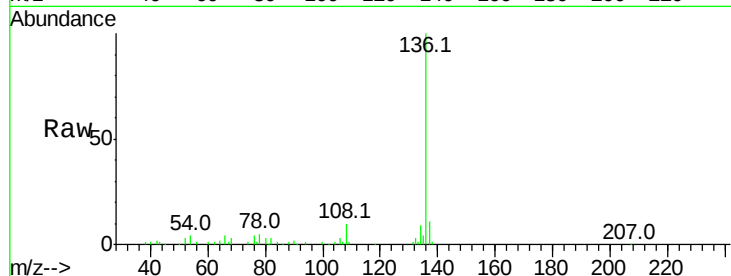




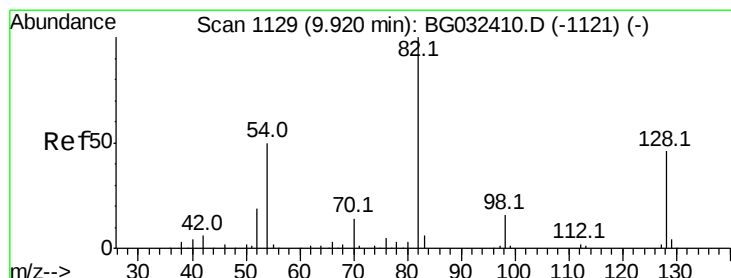
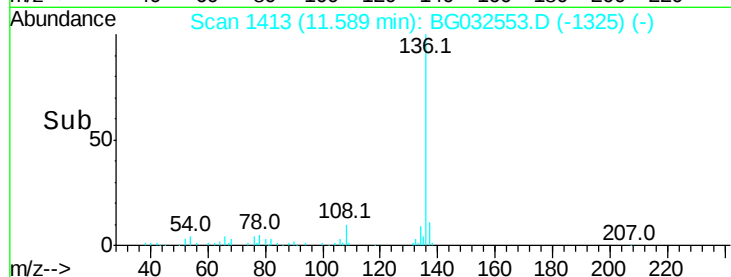
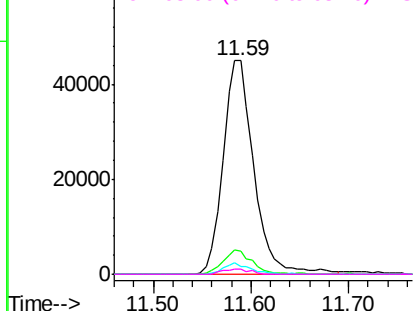
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG032553.D
Acq: 6 Feb 2018 3:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	98218
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	3.9	10.3	15.5#
68	2.7	4.5	6.7#

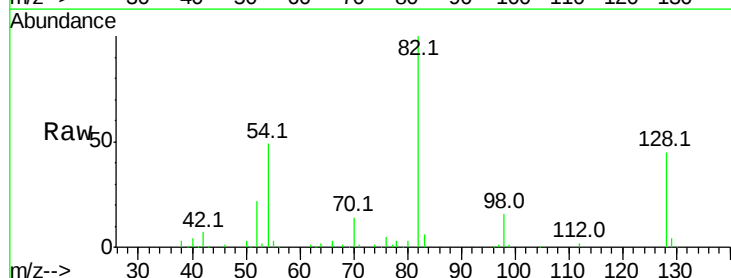


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

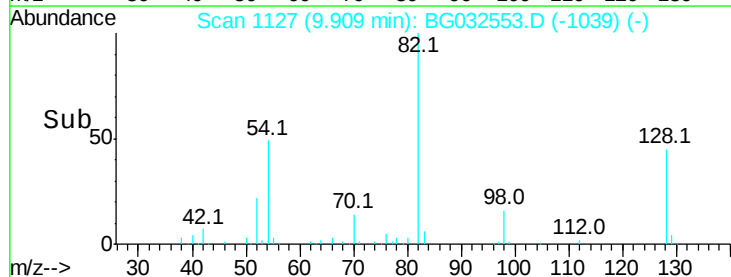
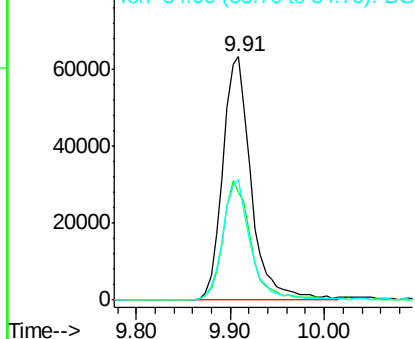


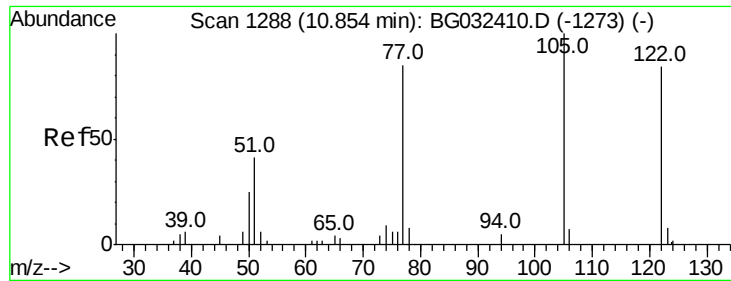
#23
Nitrobenzene-d5
Concen: 84.906 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032553.D
Acq: 6 Feb 2018 3:10

Tgt Ion:	82	Resp:	133514
Ion	Ratio	Lower	Upper
82	100		
128	44.6	29.7	44.5#
54	49.4	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B





#32

Benzoic acid

Concen: 7.330 ng

RT: 11.27 min Scan# 1358

Delta R.T. 0.41 min

Lab File: BG032553.D

Acq: 6 Feb 2018 3:10

Instrument :

BNA_G

ClientSampleId :

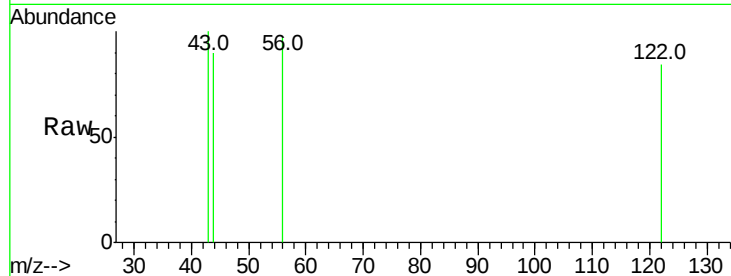
Tot Ion:122 Resp: 54

Ion Ratio Lower Upper

122 100

105 0.0 123.5 163.5#

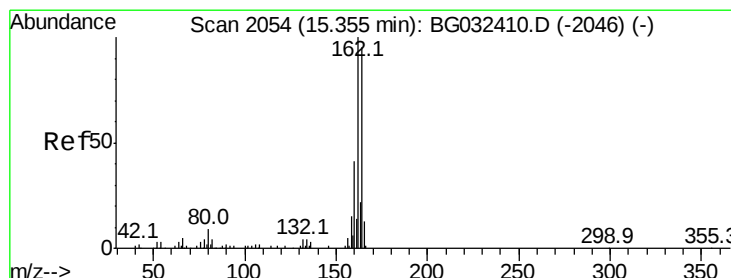
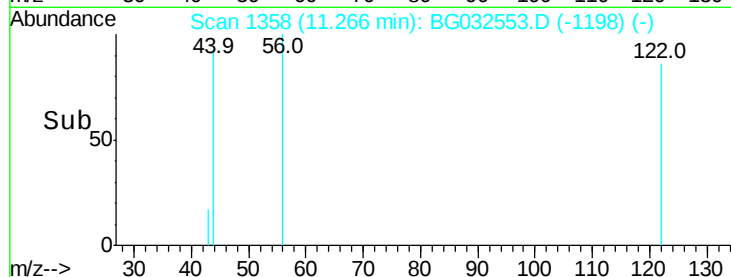
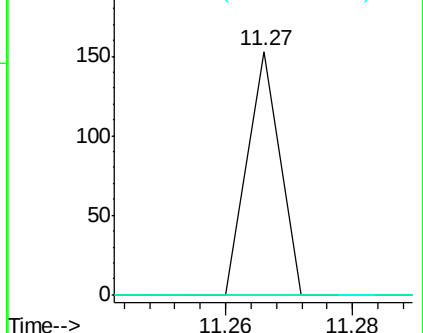
77 0.0 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): B



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.34 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG032553.D

Acq: 6 Feb 2018 3:10

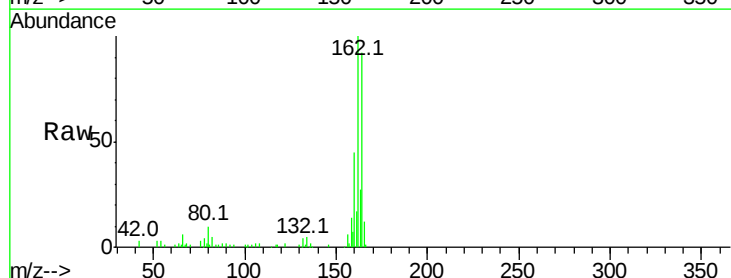
Tgt Ion:164 Resp: 69335

Ion Ratio Lower Upper

164 100

162 108.6 78.8 118.2

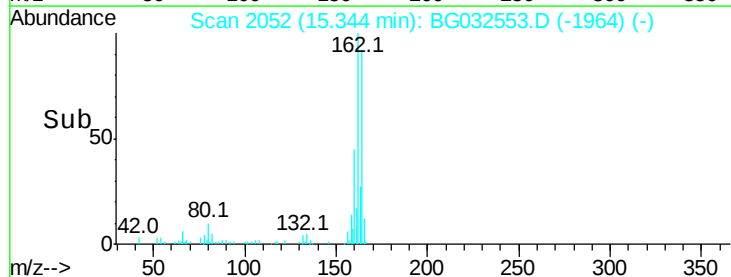
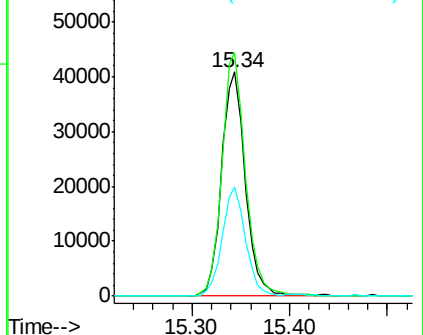
160 48.6 35.4 53.0

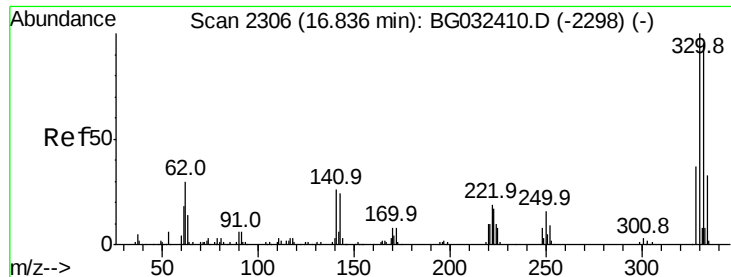


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 154.460 ng

RT: 16.82 min Scan# 2303

Delta R.T. -0.02 min

Lab File: BG032553.D

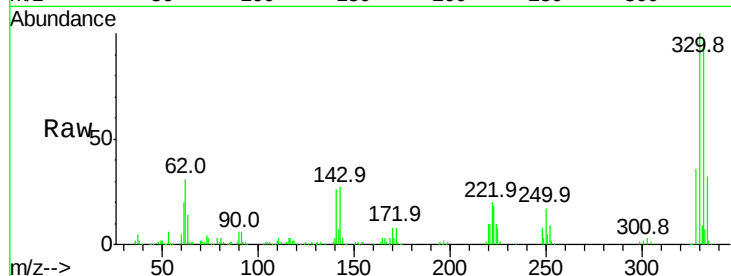
Acq: 6 Feb 2018 3:10

Instrument :

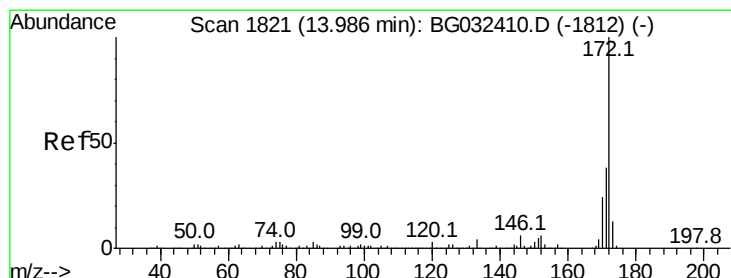
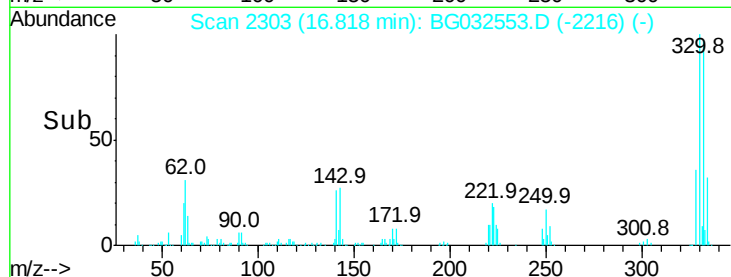
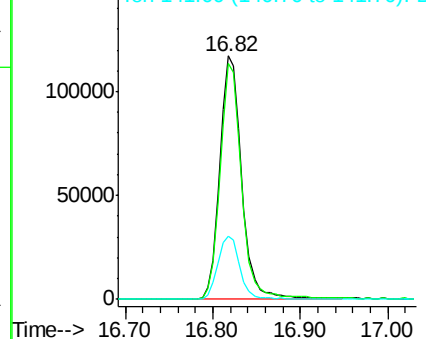
BNA_G

ClientSampleId :

Tot Ion:	330	Resp:	203855
Ion	Ratio	Lower	Upper
330	100		
332	93.3	77.0	115.6
141	26.3	25.2	37.8



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: 86.811 ng

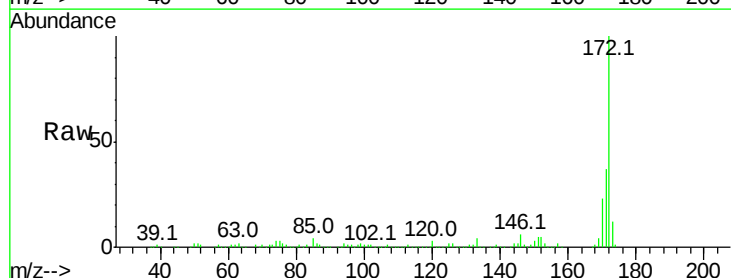
RT: 13.97 min Scan# 1818

Delta R.T. -0.02 min

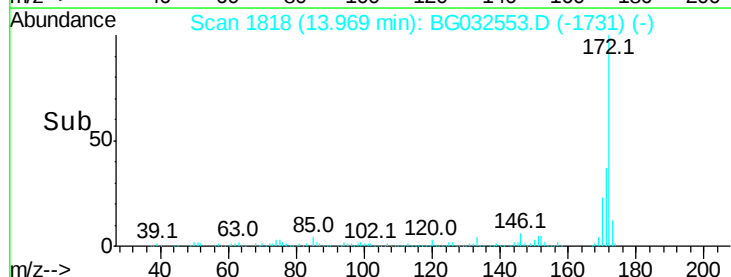
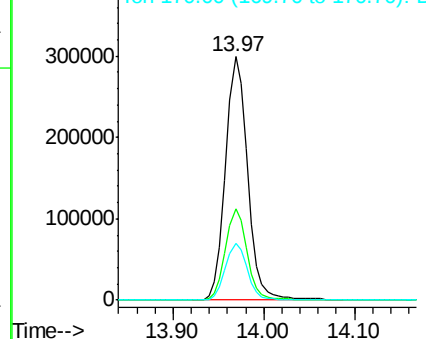
Lab File: BG032553.D

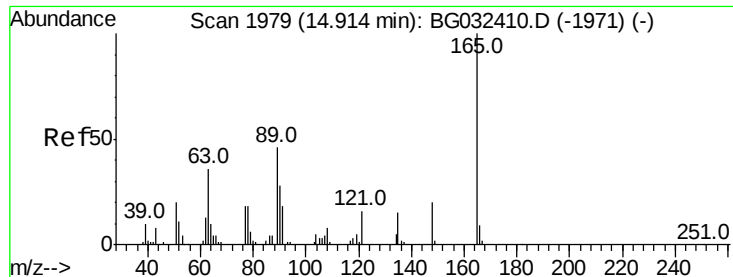
Acq: 6 Feb 2018 3:10

Tgt Ion:	172	Resp:	506412
Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	23.1	19.5	29.3



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

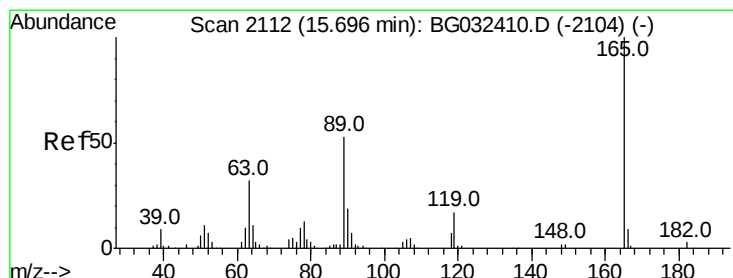
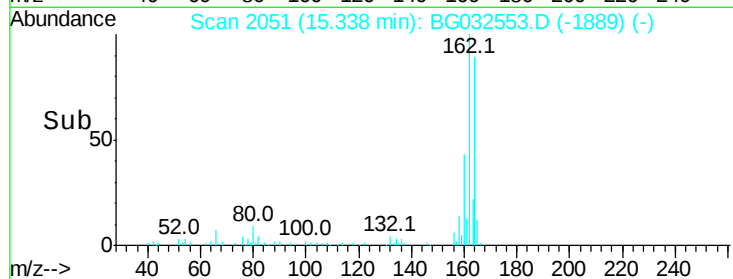
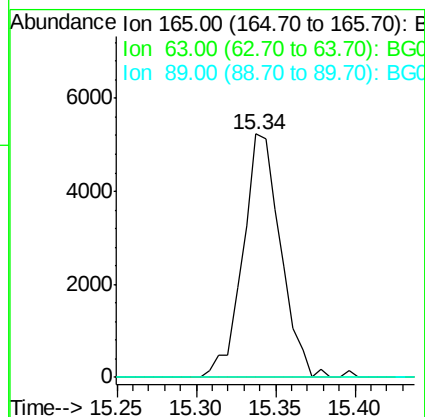
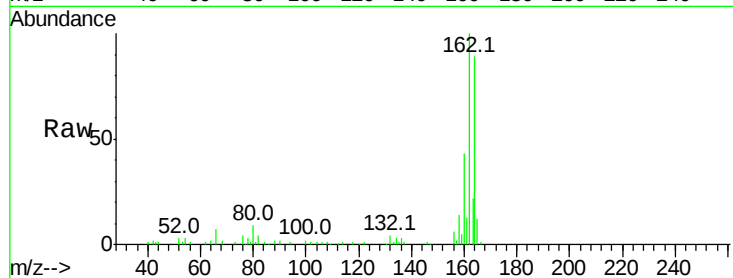




#50
 2,6-Dinitrotoluene
 Concen: 6.436 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. 0.42 min
 Lab File: BG032553.D
 Acq: 6 Feb 2018 3:10

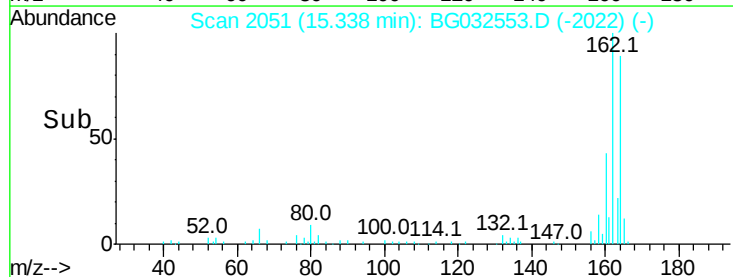
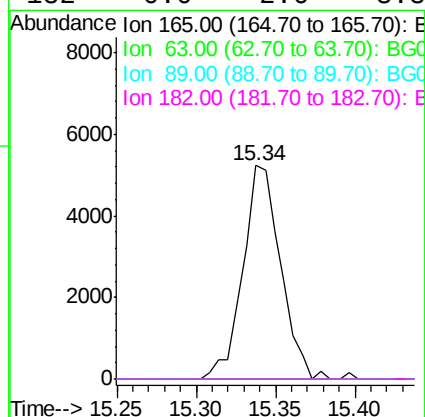
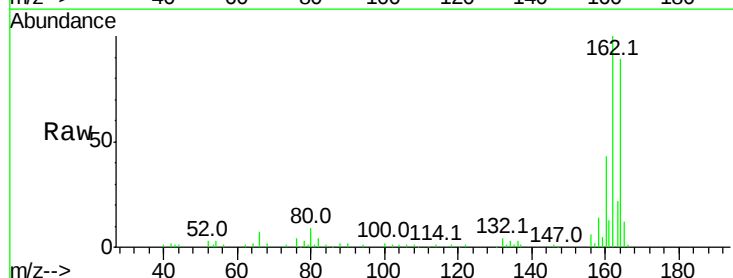
Instrument :
 BNA_G
 ClientSampleId :

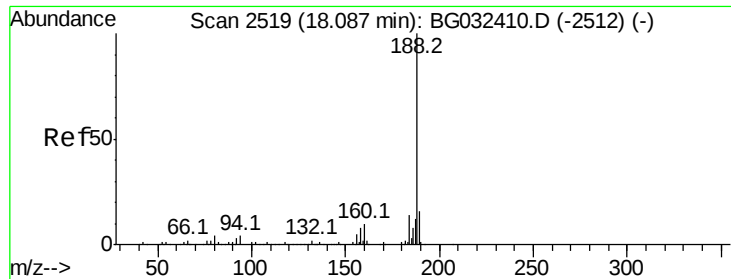
Tot Ion:165 Resp: 8636
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 4.520 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. -0.36 min
 Lab File: BG032553.D
 Acq: 6 Feb 2018 3:10

Tgt Ion:165 Resp: 8636
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#

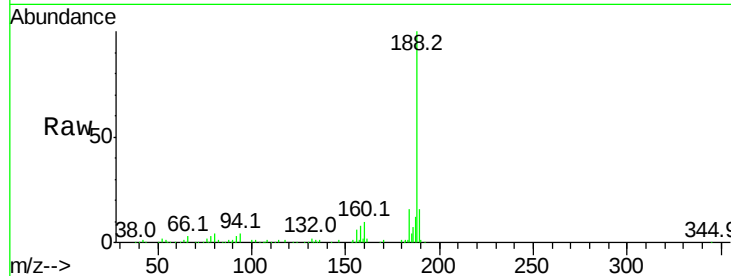




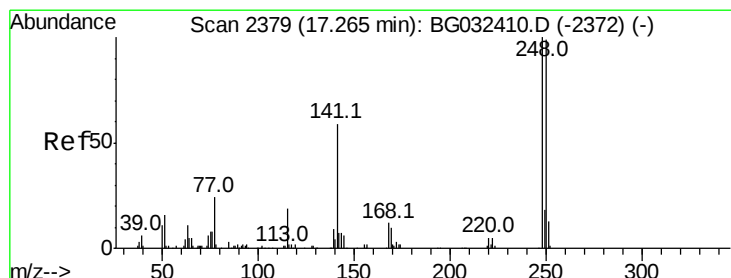
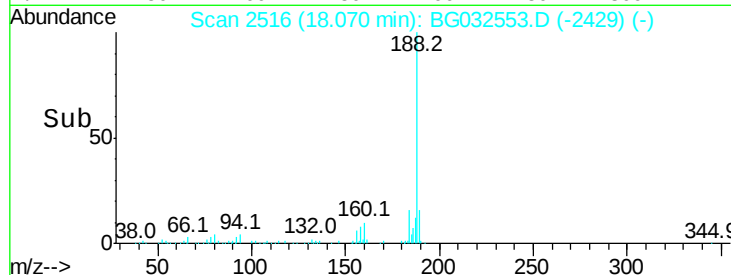
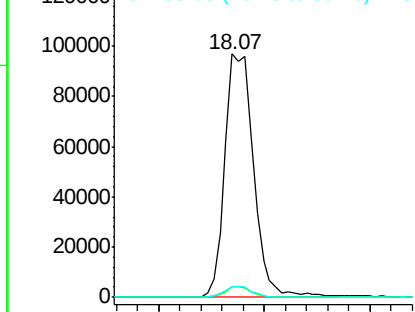
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.07 min Scan# 2516
 Delta R.T. -0.02 min
 Lab File: BG032553.D
 Acq: 6 Feb 2018 3:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 183144
 Ion Ratio Lower Upper
 188 100
 94 4.1 6.9 10.3#
 80 4.3 7.7 11.5#

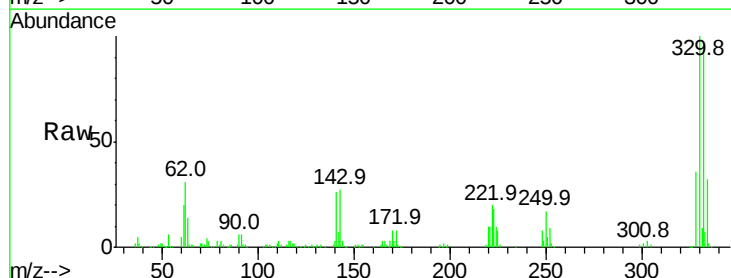


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGO
 Ion 80.00 (79.70 to 80.70): BGO

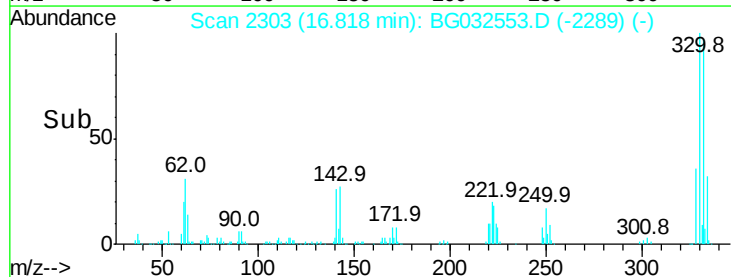
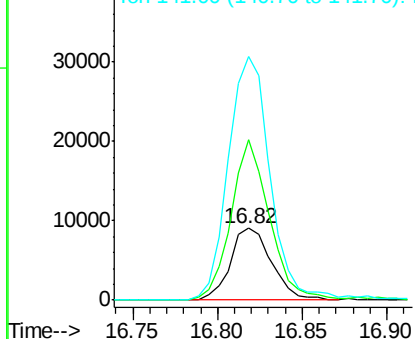


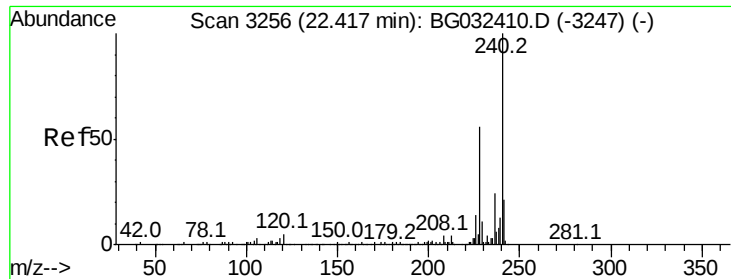
#66
 4-Bromophenyl-phenylether
 Concen: 5.686 ng
 RT: 16.82 min Scan# 2303
 Delta R.T. -0.45 min
 Lab File: BG032553.D
 Acq: 6 Feb 2018 3:10

Tgt Ion:248 Resp: 15428
 Ion Ratio Lower Upper
 248 100
 250 222.6 77.1 115.7#
 141 338.2 50.8 76.2#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.40 min Scan# 3253

Delta R.T. -0.02 min

Lab File: BG032553.D

Acq: 6 Feb 2018 3:10

Instrument :

BNA_G

ClientSampleId :

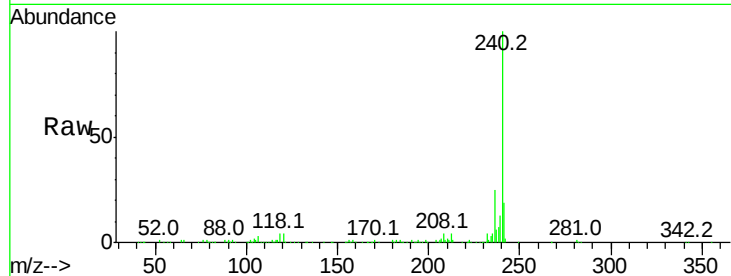
Tot Ion:240 Resp: 249604

Ion Ratio Lower Upper

240 100

120 4.3 6.8 10.2#

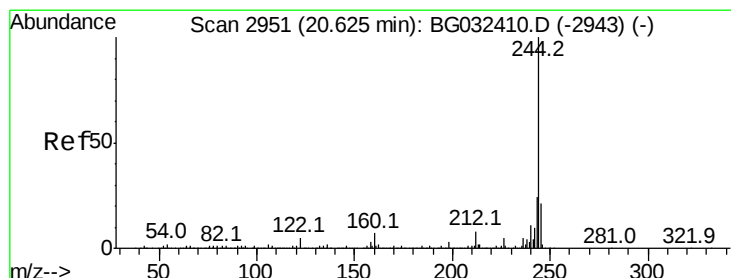
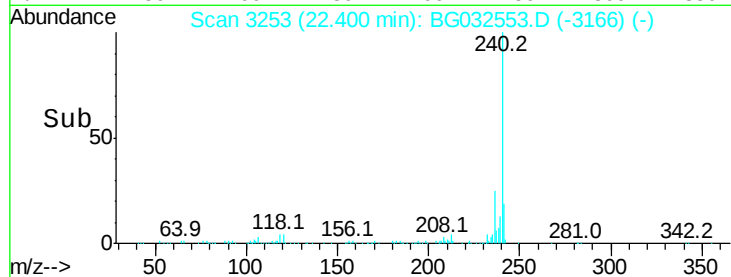
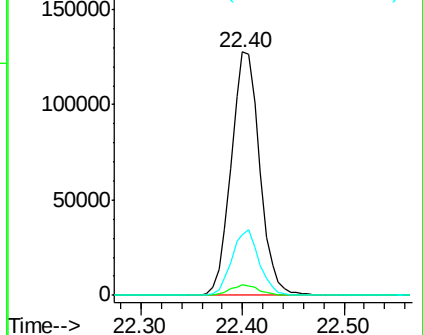
236 25.1 20.9 31.3



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: 101.341 ng

RT: 20.61 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032553.D

Acq: 6 Feb 2018 3:10

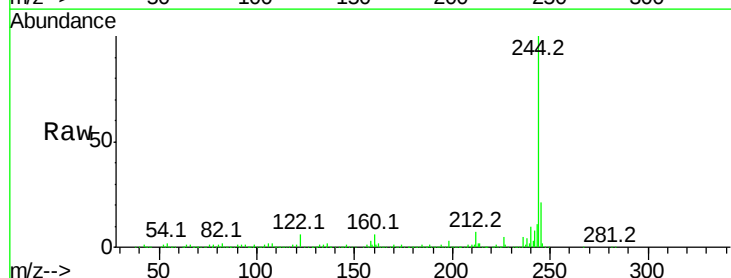
Tgt Ion:244 Resp: 1180872

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

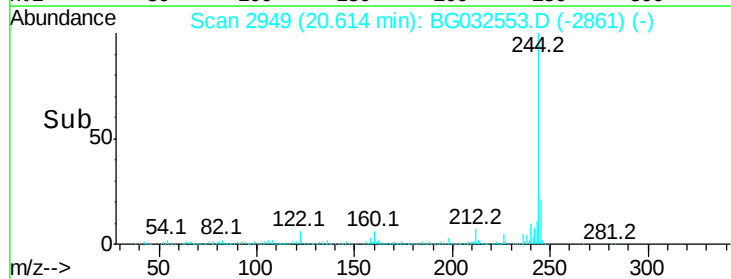
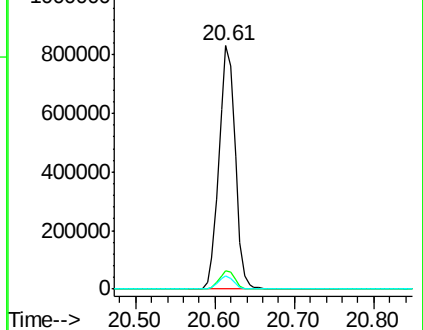
122 5.6 7.0 10.4#

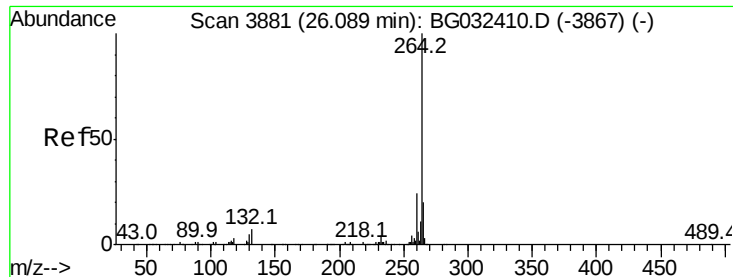


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.07 min Scan# 3877
 Delta R.T. -0.02 min
 Lab File: BG032553.D
 Acq: 6 Feb 2018 3:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.4	26.0
265	21.5	17.7	26.5

