

Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
 Data File : BG032556.D
 Acq On : 6 Feb 2018 5:02
 Operator : SJ/JU
 Sample : J1445-03
 Misc : MDL8PPM
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 06 06:22:56 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

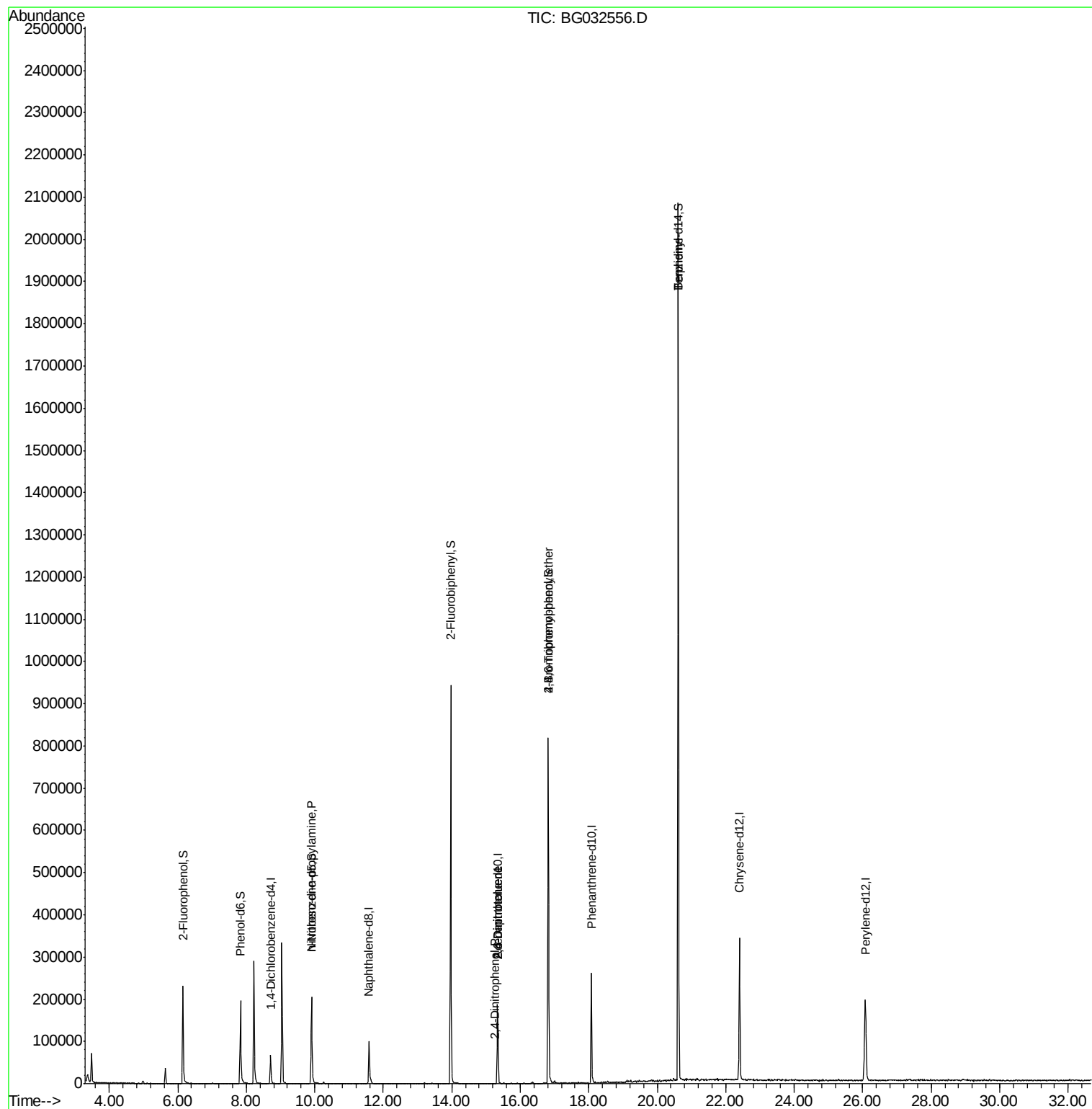
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	24284	20.00	ng	0.00
21) Naphthalene-d8	11.58	136	102925	20.00	ng	-0.02
38) Acenaphthene-d10	15.34	164	74379	20.00	ng	-0.02
63) Phenanthrene-d10	18.08	188	186752	20.00	ng	0.00
75) Chrysene-d12	22.40	240	256811	20.00	ng	-0.02
86) Perylene-d12	26.07	264	273890	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	128426	106.22	ng	0.00
7) Phenol-d6	7.83	99	145347	90.09	ng	0.00
23) Nitrobenzene-d5	9.91	82	142578	86.52	ng	0.00
41) 2,4,6-Tribromophenol	16.82	330	203690	143.87	ng	-0.02
44) 2-Fluorobiphenyl	13.97	172	555973	88.84	ng	-0.02
78) Terphenyl-d14	20.62	244	1129468	94.21	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.91	70	20822	19.465	ng	# 80
50) 2,6-Dinitrotoluene	15.34	165	9248	6.425	ng	# 18
53) 2,4-Dinitrophenol	15.26	184	59	4.167	ng	# 1
56) 2,4-Dinitrotoluene	15.34	165	9248	4.512	ng	# 16
66) 4-Bromophenyl-phenylether	16.81	248	15617	5.645	ng	# 1
76) Benzidine	20.62	184	16889	3.349	ng	97

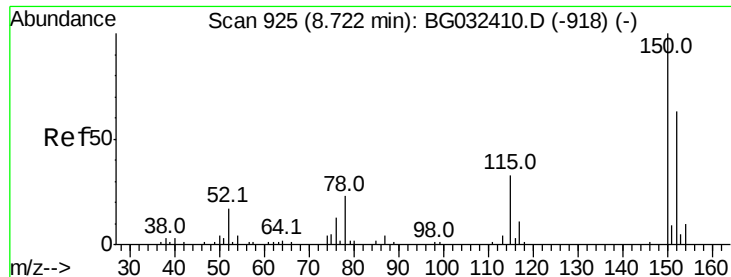
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
Data File : BG032556.D
Acq On : 6 Feb 2018 5:02
Operator : SJ/JU
Sample : J1445-03
Misc : MDL8PPM
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 06 06:22:56 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



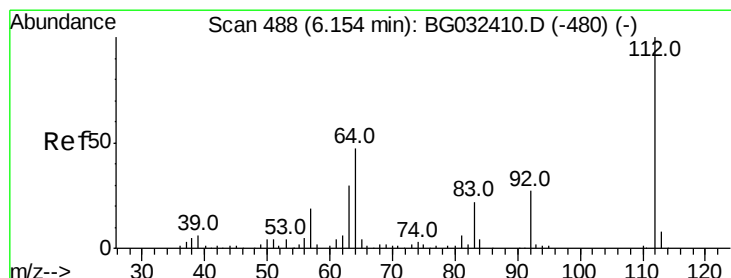
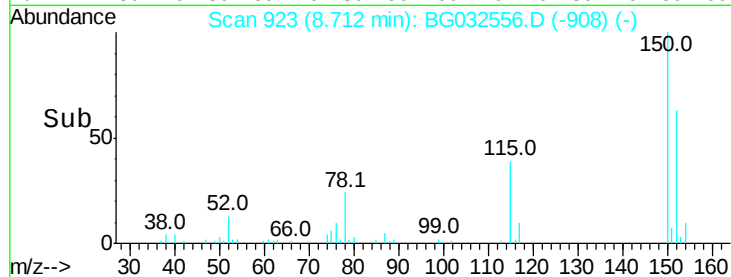
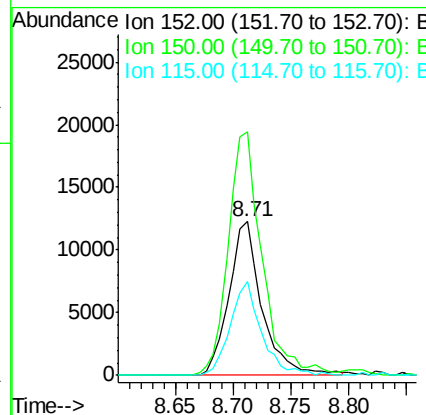
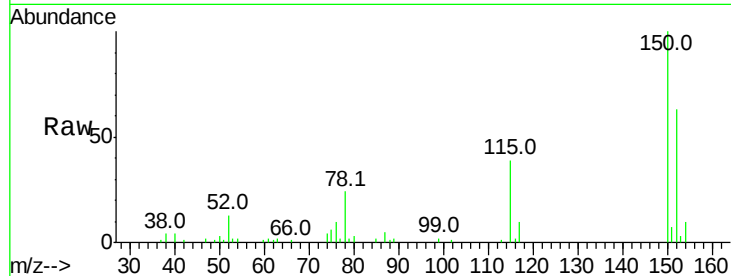


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032556.D
Acq: 6 Feb 2018 5:02

Instrument :
BNA_G
ClientSampleId :

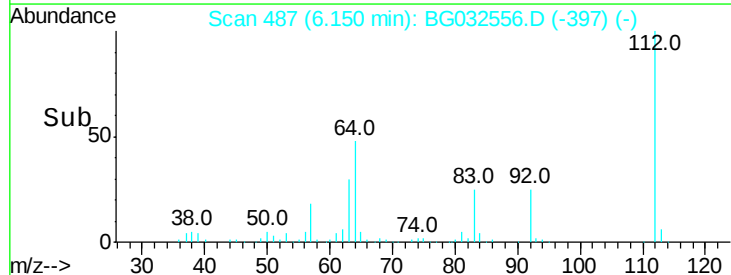
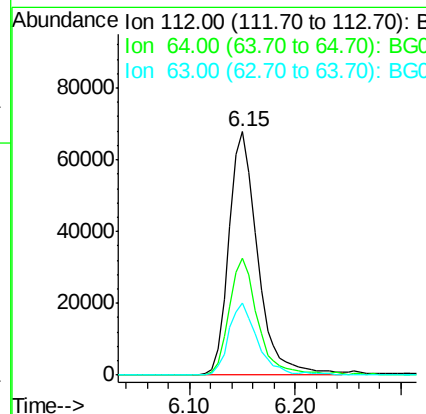
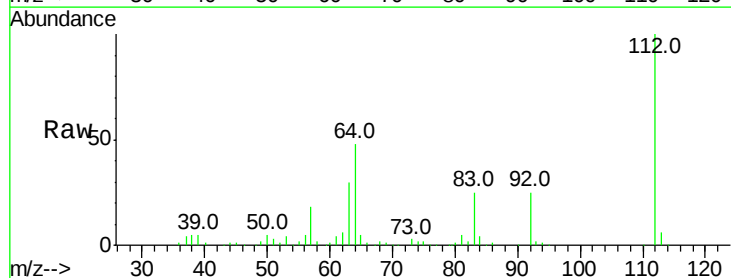
Tot Ion:152 Resp: 24284
Ion Ratio Lower Upper
152 100
150 158.4 126.6 189.8
115 61.0 53.0 79.4

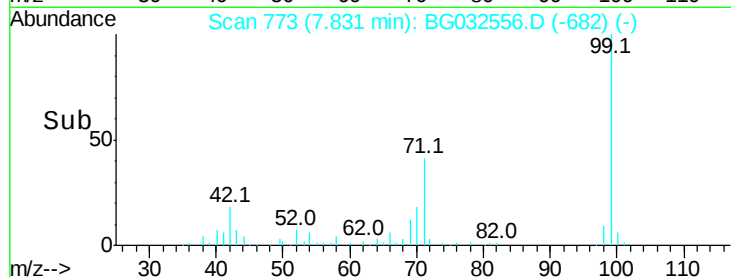
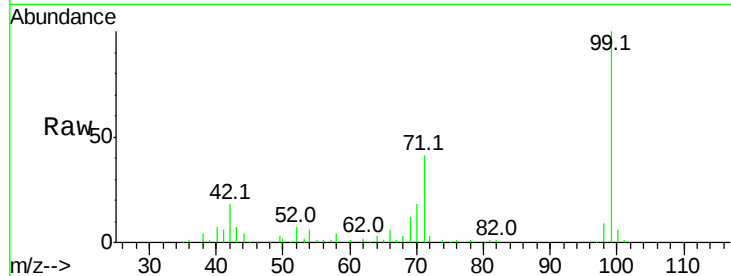
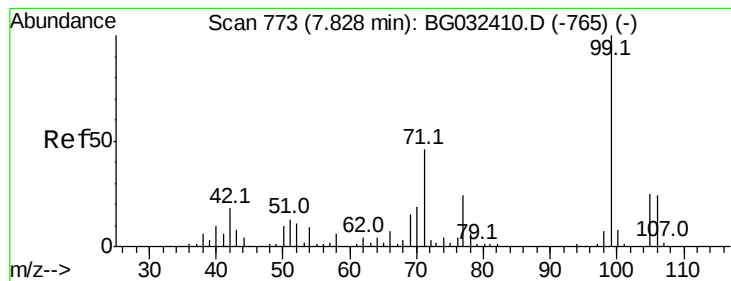


#5

2-Fluorophenol
Concen: 106.223 ng
RT: 6.15 min Scan# 487
Delta R.T. -0.00 min
Lab File: BG032556.D
Acq: 6 Feb 2018 5:02

Tgt Ion:112 Resp: 128426
Ion Ratio Lower Upper
112 100
64 48.2 56.3 84.5#
63 29.8 30.1 45.1#





#7

Phenol-d6

Concen: 90.090 ng

RT: 7.83 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG032556.D

Acq: 6 Feb 2018 5:02

Instrument :

BNA_G

ClientSampleId :

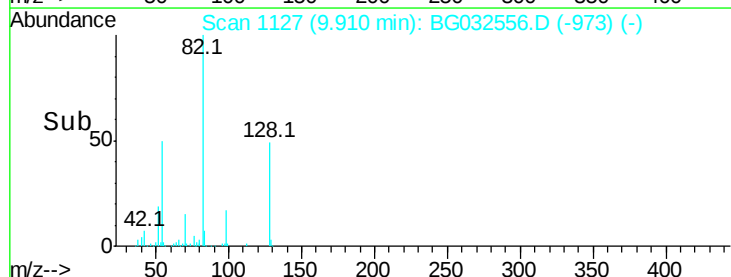
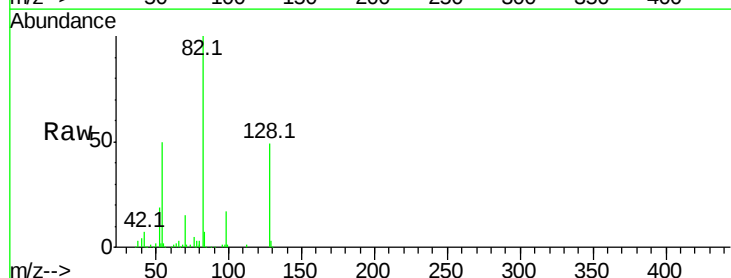
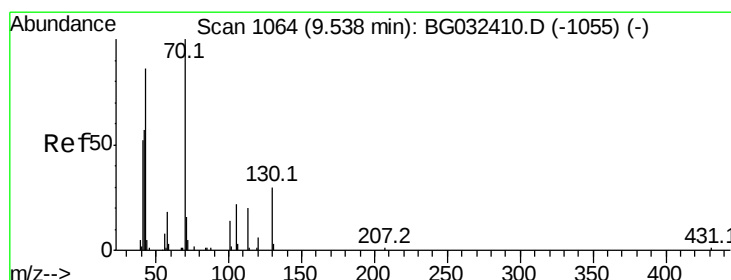
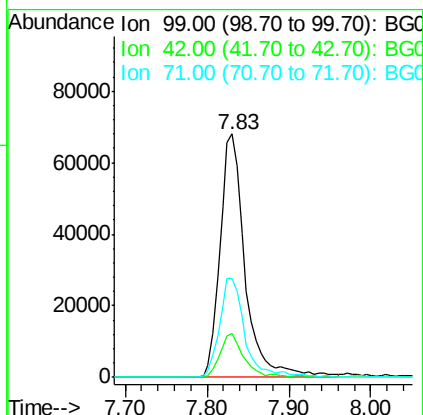
Tot Ion: 99 Resp: 145347

Ion Ratio Lower Upper

99 100

42 18.2 14.1 21.1

71 40.9 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 19.465 ng

RT: 9.91 min Scan# 1127

Delta R.T. 0.37 min

Lab File: BG032556.D

Acq: 6 Feb 2018 5:02

Tgt Ion: 70 Resp: 20822

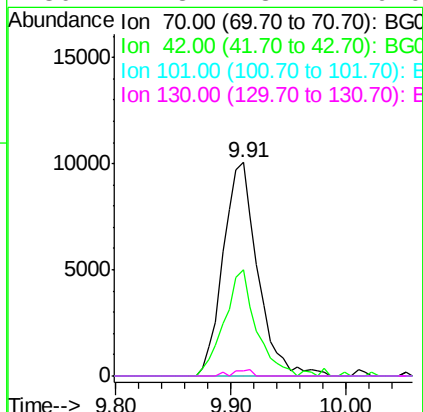
Ion Ratio Lower Upper

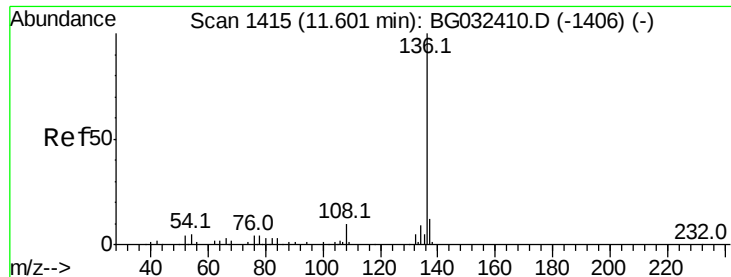
70 100

42 49.5 49.1 73.7

101 0.0 8.5 12.7#

130 2.3 13.4 20.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.58 min Scan# 1412

Delta R.T. -0.02 min

Lab File: BG032556.D

Acq: 6 Feb 2018 5:02

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 102925

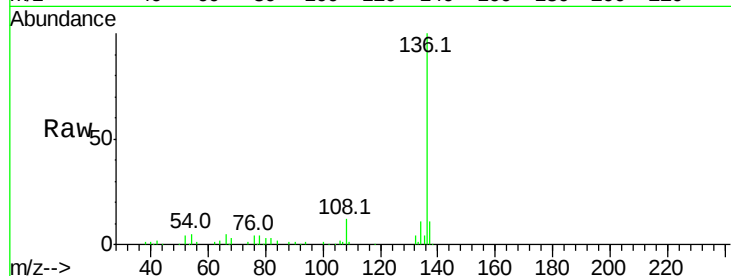
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 5.1 10.3 15.5#

68 2.5 4.5 6.7#

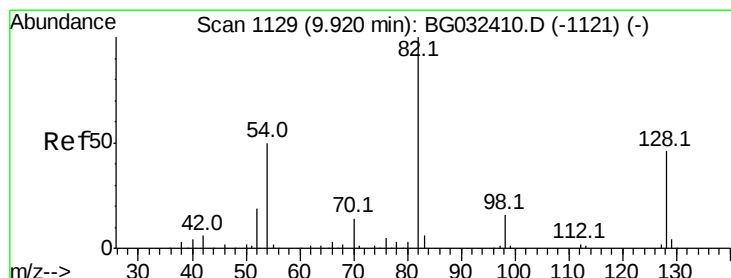
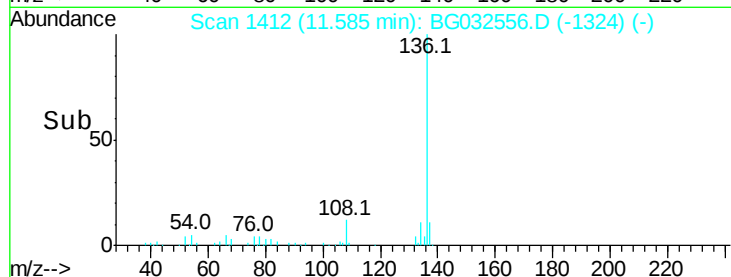
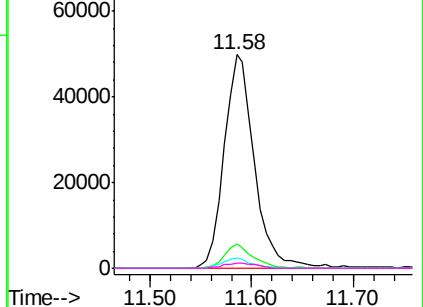


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 86.524 ng

RT: 9.91 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BG032556.D

Acq: 6 Feb 2018 5:02

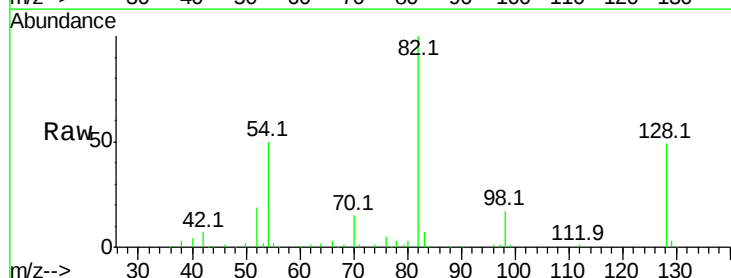
Tgt Ion: 82 Resp: 142578

Ion Ratio Lower Upper

82 100

128 49.4 29.7 44.5#

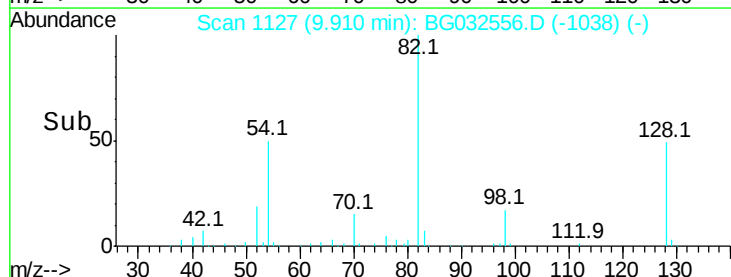
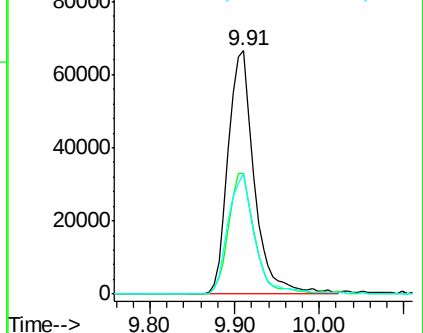
54 49.7 43.1 64.7

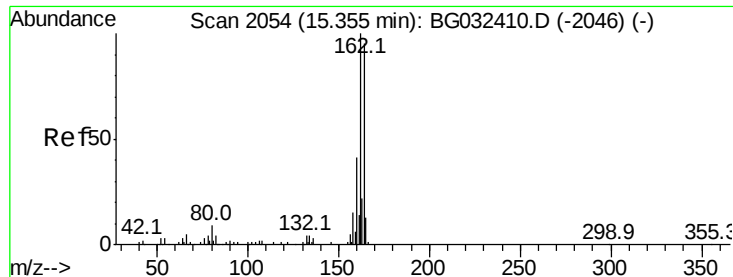


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.34 min Scan# 2051

Delta R.T. -0.02 min

Lab File: BG032556.D

Acq: 6 Feb 2018 5:02

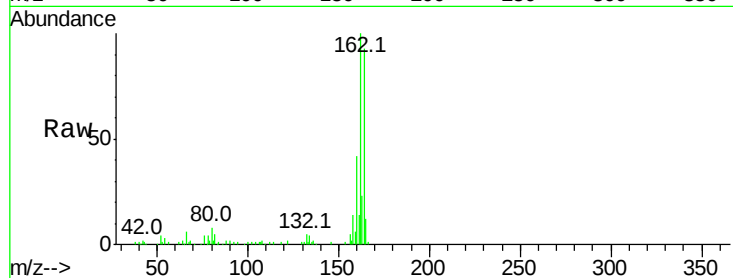
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 74379

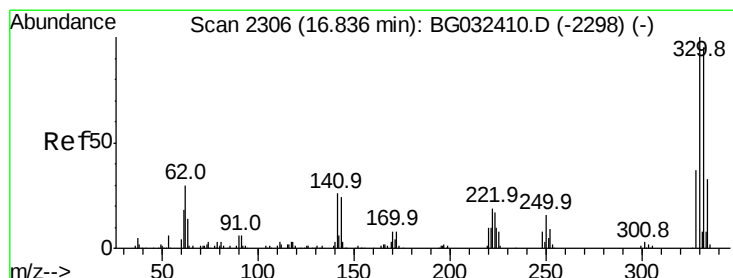
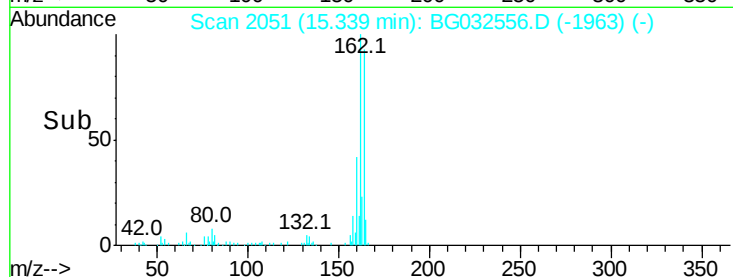
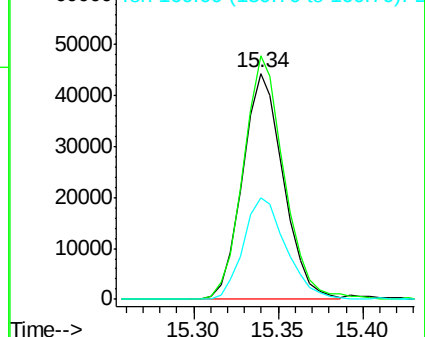
Ion	Ratio	Lower	Upper
164	100		
162	107.8	78.8	118.2
160	45.1	35.4	53.0



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: 143.869 ng

RT: 16.82 min Scan# 2303

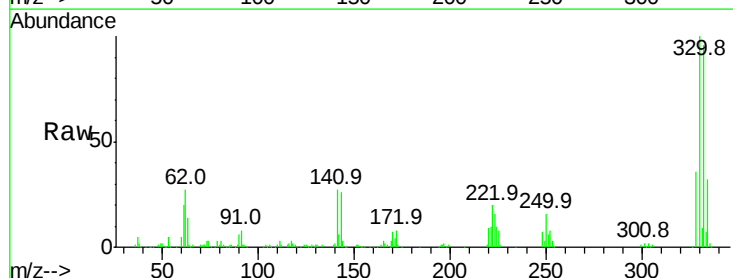
Delta R.T. -0.02 min

Lab File: BG032556.D

Acq: 6 Feb 2018 5:02

Tgt Ion:330 Resp: 203690

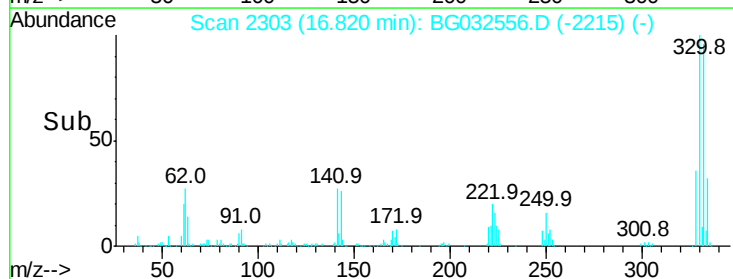
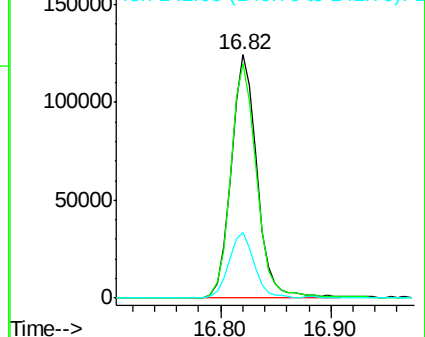
Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	26.7	25.2	37.8

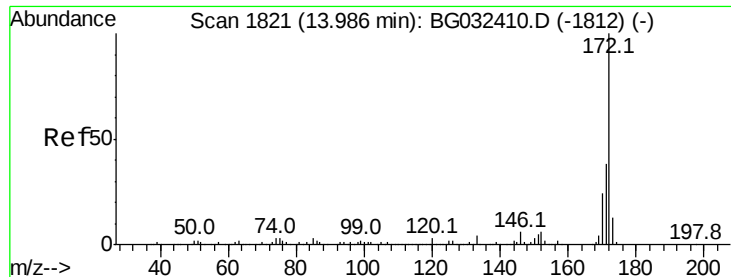


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

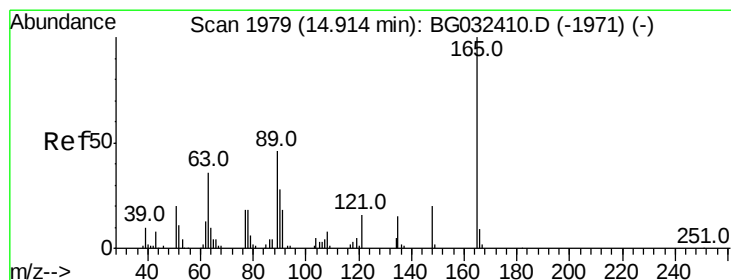
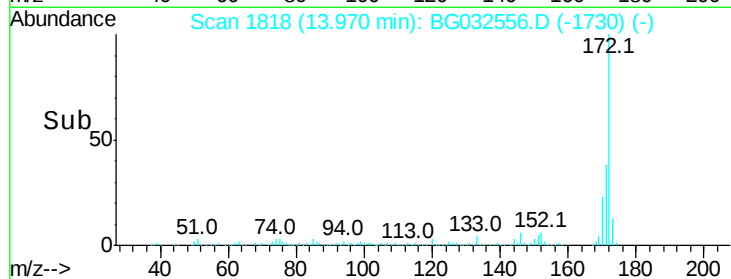
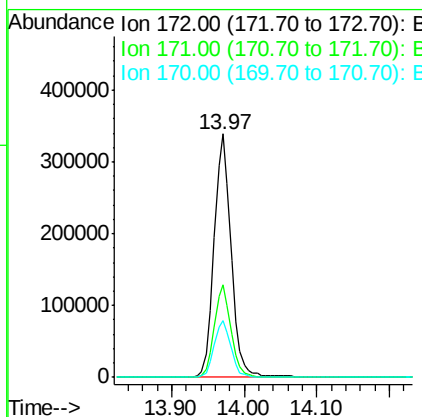
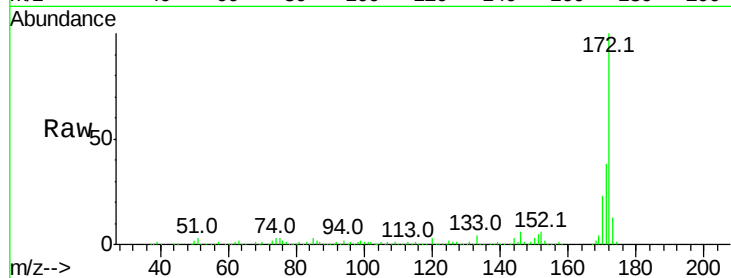




#44
 2-Fluorobiphenyl
 Concen: 88.844 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BG032556.D
 Acq: 6 Feb 2018 5:02

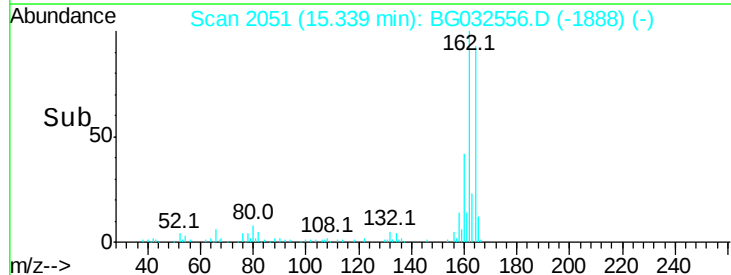
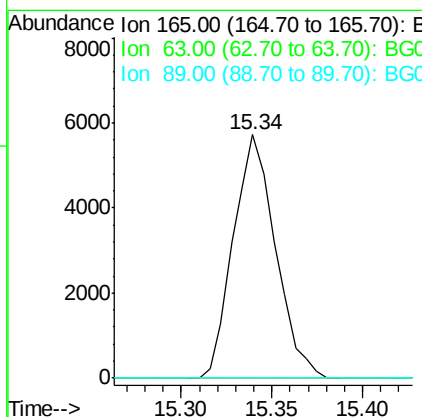
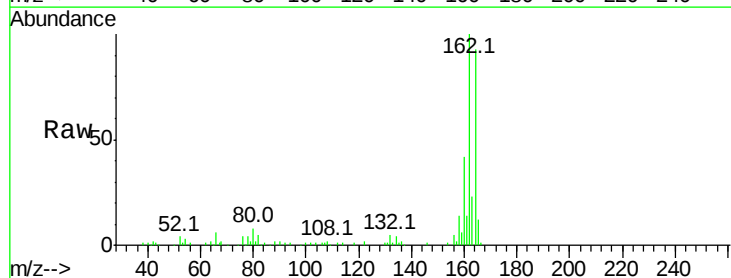
Instrument :
 BNA_G
 ClientSampleId :

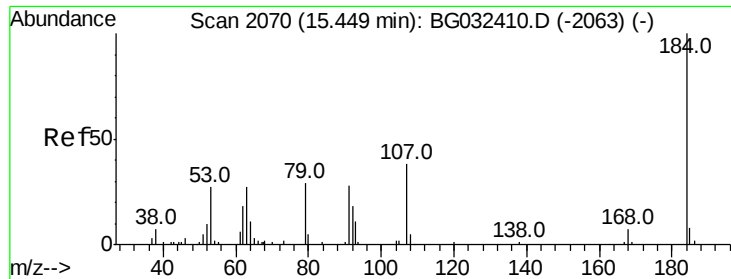
Tot Ion:172 Resp: 555973
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.0 45.0
 170 23.5 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 6.425 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. 0.43 min
 Lab File: BG032556.D
 Acq: 6 Feb 2018 5:02

Tgt Ion:165 Resp: 9248
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#





#53

2,4-Dinitrophenol

Concen: 4.167 ng

RT: 15.26 min Scan# 2038

Delta R.T. -0.19 min

Lab File: BG032556.D

Acq: 6 Feb 2018 5:02

Instrument :

BNA_G

ClientSampleId :

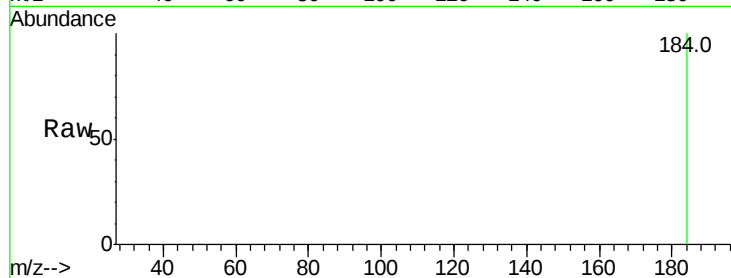
Tot Ion:184 Resp: 59

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

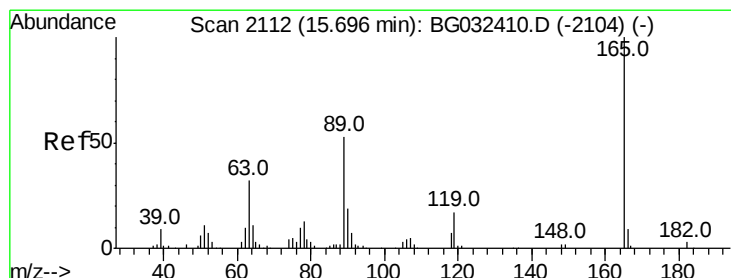
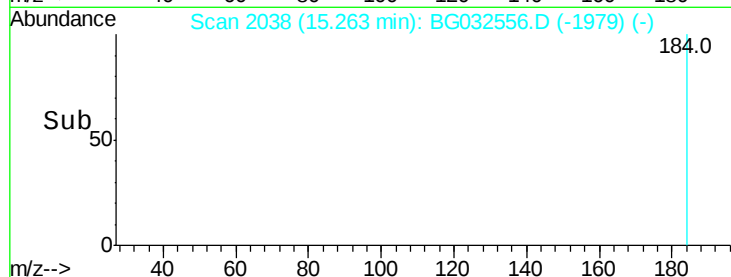
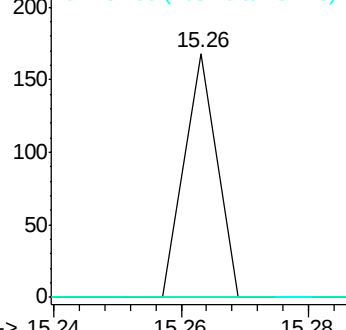
154 0.0 101.8 152.8#



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



#56

2,4-Dinitrotoluene

Concen: 4.512 ng

RT: 15.34 min Scan# 2051

Delta R.T. -0.36 min

Lab File: BG032556.D

Acq: 6 Feb 2018 5:02

Tgt Ion:165 Resp: 9248

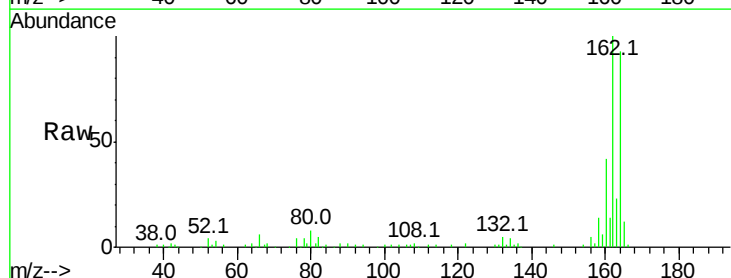
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

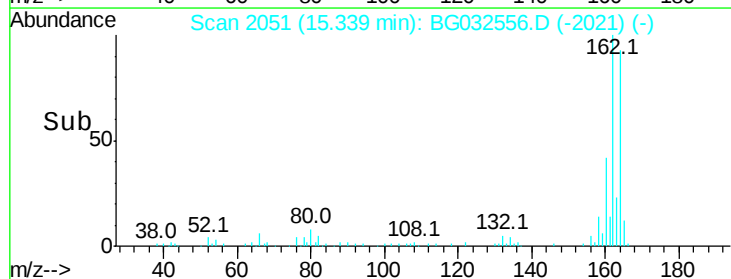
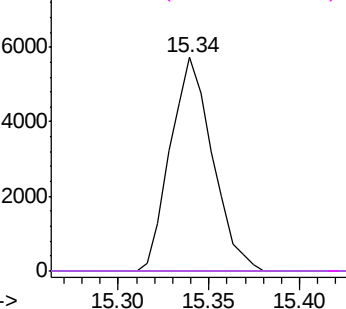


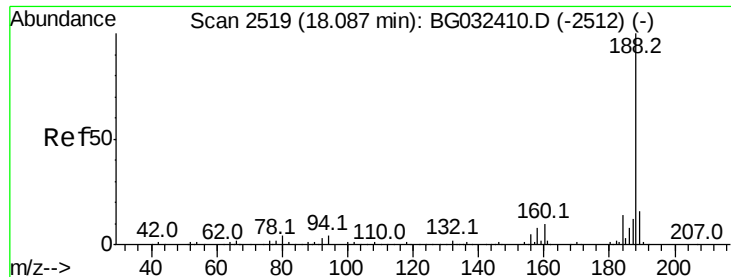
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

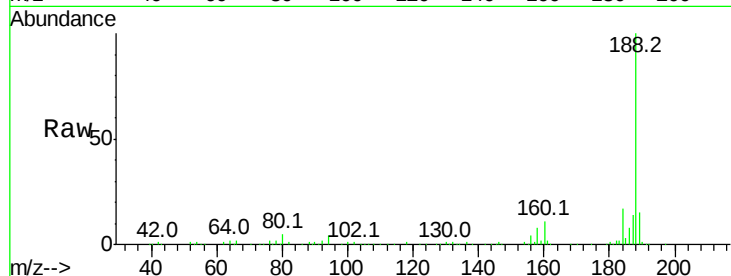




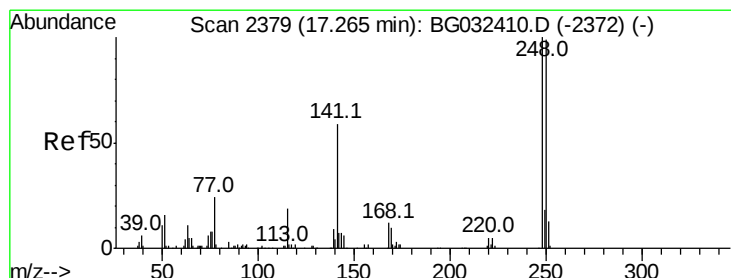
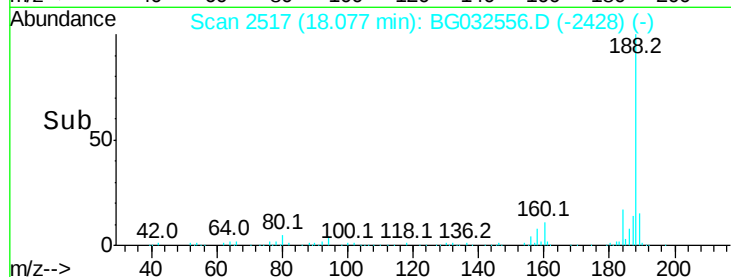
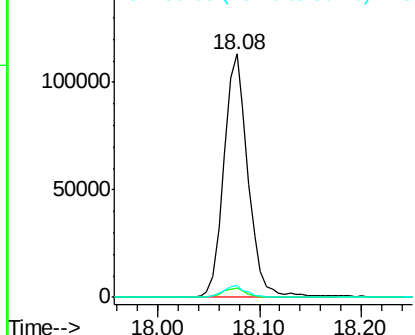
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.08 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BG032556.D
 Acq: 6 Feb 2018 5:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 186752
 Ion Ratio Lower Upper
 188 100
 94 4.1 6.9 10.3#
 80 4.7 7.7 11.5#

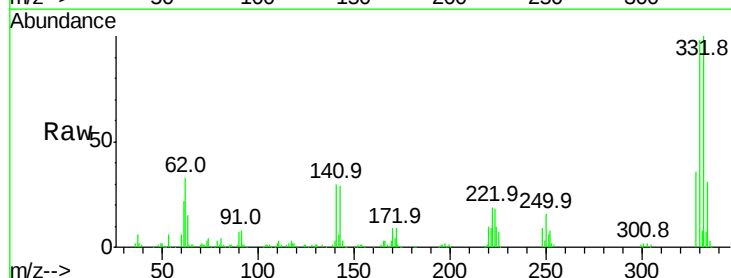


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

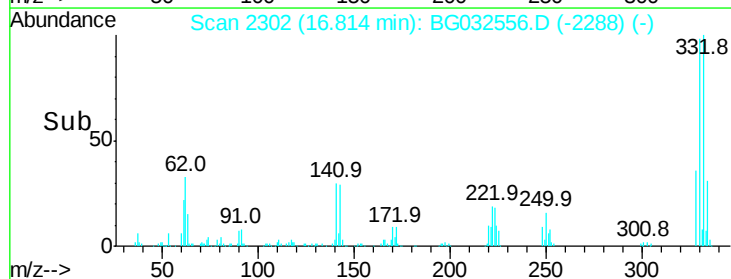
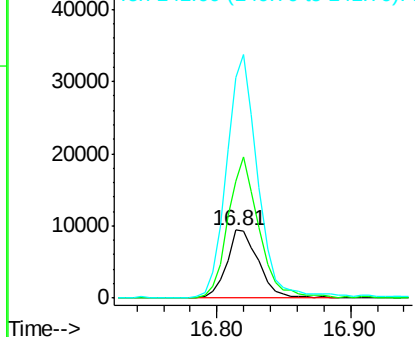


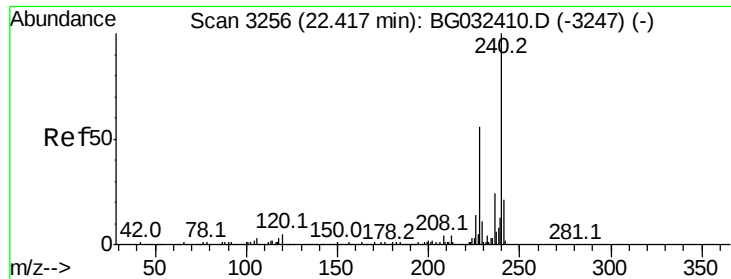
#66
 4-Bromophenyl-phenylether
 Concen: 5.645 ng
 RT: 16.81 min Scan# 2302
 Delta R.T. -0.45 min
 Lab File: BG032556.D
 Acq: 6 Feb 2018 5:02

Tgt Ion:248 Resp: 15617
 Ion Ratio Lower Upper
 248 100
 250 172.0 77.1 115.7#
 141 324.2 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: BG032556.D

Acq: 6 Feb 2018 5:02

Instrument :

BNA_G

ClientSampleId :

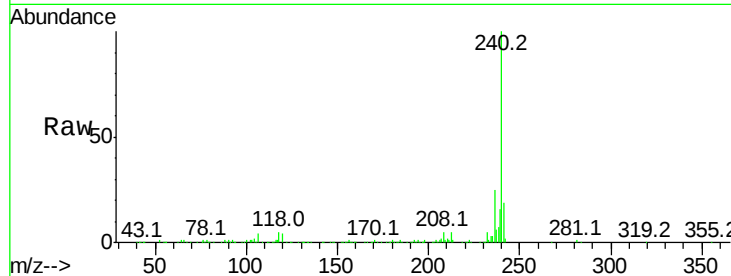
Tot Ion:240 Resp: 256811

Ion Ratio Lower Upper

240 100

120 4.0 6.8 10.2#

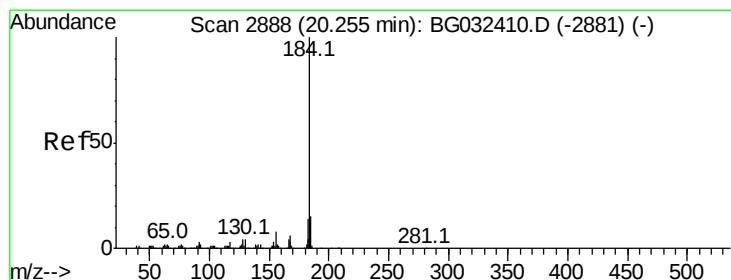
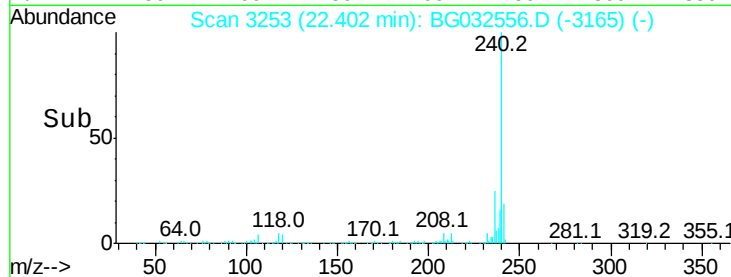
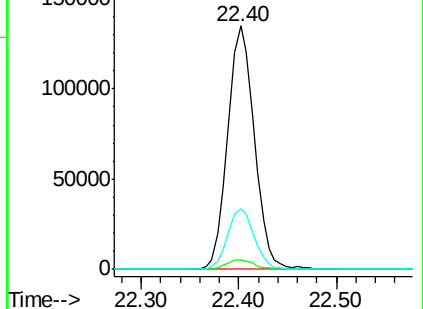
236 24.9 20.9 31.3



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



#76

Benzidine

Concen: 3.349 ng

RT: 20.62 min Scan# 2949

Delta R.T. 0.36 min

Lab File: BG032556.D

Acq: 6 Feb 2018 5:02

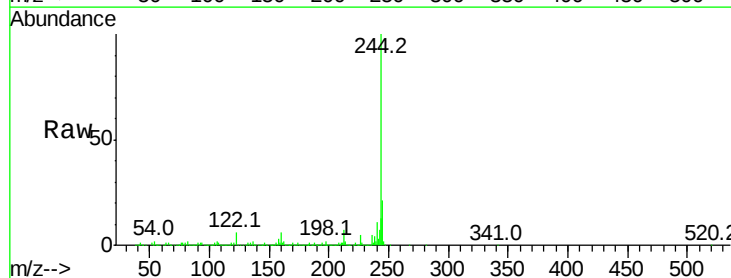
Tgt Ion:184 Resp: 16889

Ion Ratio Lower Upper

184 100

185 13.3 11.1 16.7

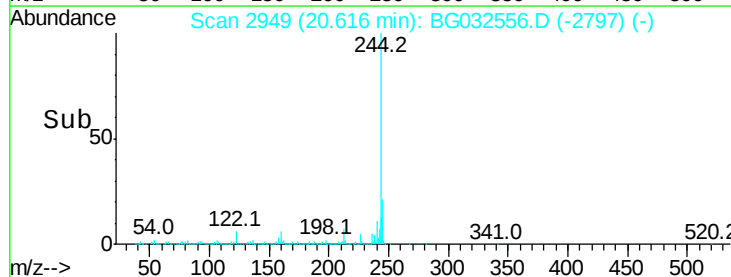
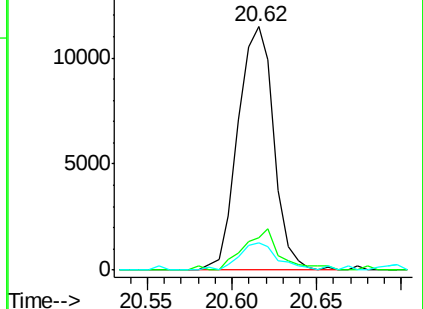
183 11.1 10.6 16.0

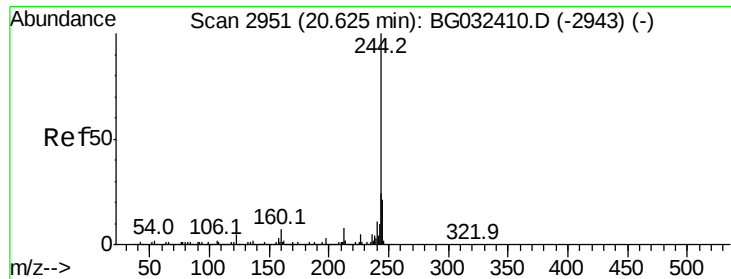


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 94.210 ng

RT: 20.62 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032556.D

Acq: 6 Feb 2018 5:02

Instrument :

BNA_G

ClientSampleId :

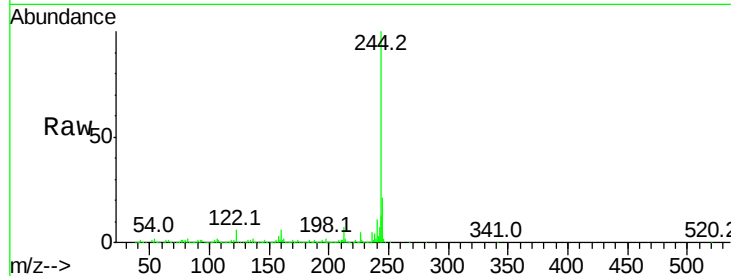
Tot Ion:244 Resp: 1129468

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

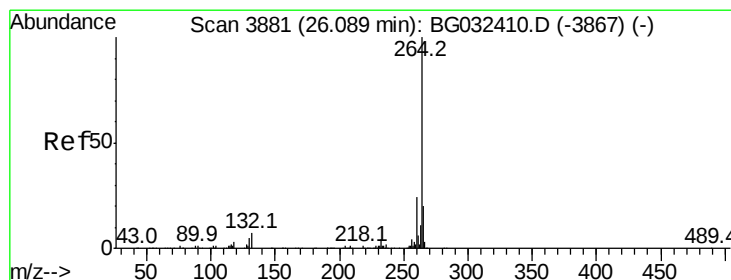
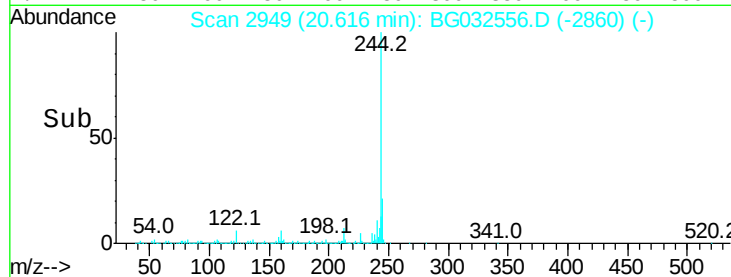
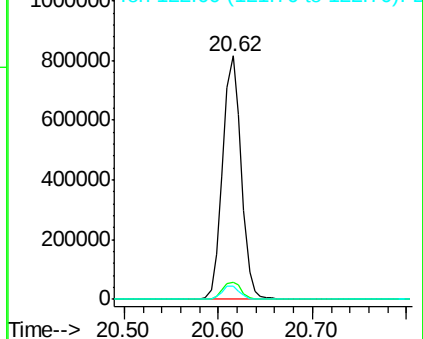
122 5.5 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 26.07 min Scan# 3878

Delta R.T. -0.02 min

Lab File: BG032556.D

Acq: 6 Feb 2018 5:02

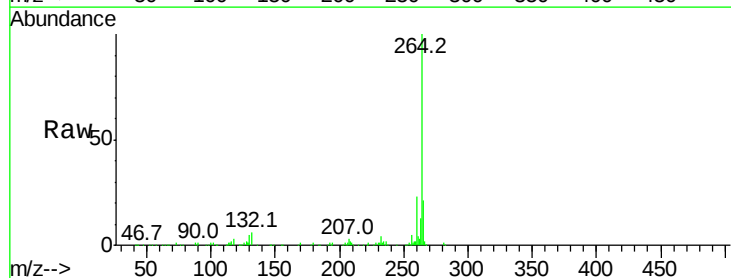
Tgt Ion:264 Resp: 273890

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 20.6 17.7 26.5



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

