

Data Path : U:\HPCHEM1\BNA G\DATA\BG013018\
 Data File : BG032455.D
 Acq On : 30 Jan 2018 23:30
 Operator : SJ/JU
 Sample : J1364-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 31 00:48:11 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

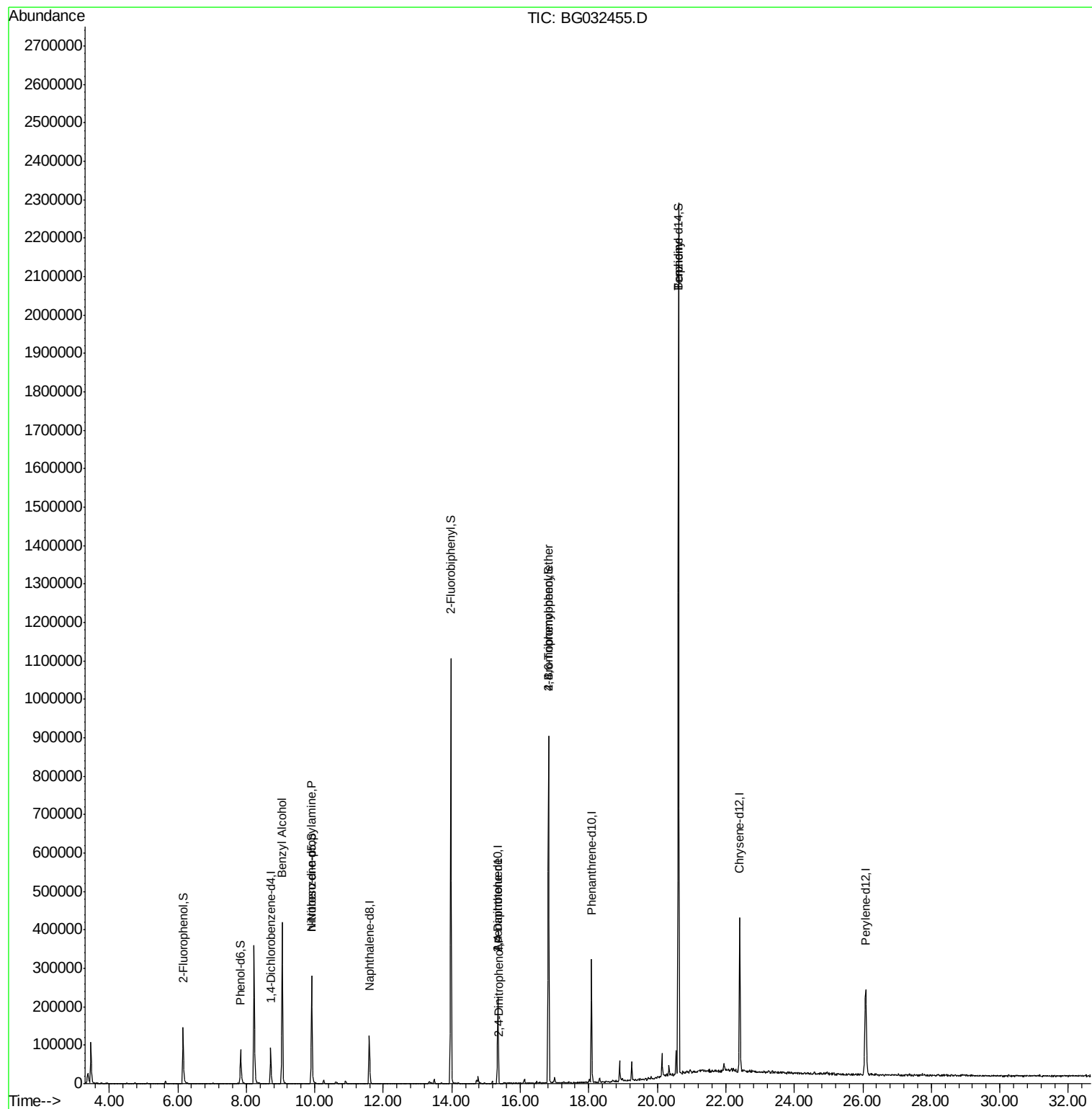
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	32668	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	124434	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	85135	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	226278	20.00	ng	0.00
75) Chrysene-d12	22.41	240	290956	20.00	ng	-0.01
86) Perylene-d12	26.08	264	302195	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	83847	51.55	ng	0.00
7) Phenol-d6	7.83	99	64559	29.75	ng	0.00
23) Nitrobenzene-d5	9.91	82	182346	91.53	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	213449	131.71	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	670238	93.57	ng	-0.01
78) Terphenyl-d14	20.62	244	1226947	90.33	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.04	79	3675	2.055	ng	# 45
19) n-Nitroso-di-n-propylamine	9.91	70	27411	19.048	ng	# 76
53) 2,4-Dinitrophenol	15.38	184	56	4.156	ng	# 1
56) 2,4-Dinitrotoluene	15.34	165	11086	4.726	ng	# 16
66) 4-Bromophenyl-phenylether	16.82	248	17571	5.241	ng	# 1
76) Benzidine	20.62	184	18209	3.187	ng	# 92

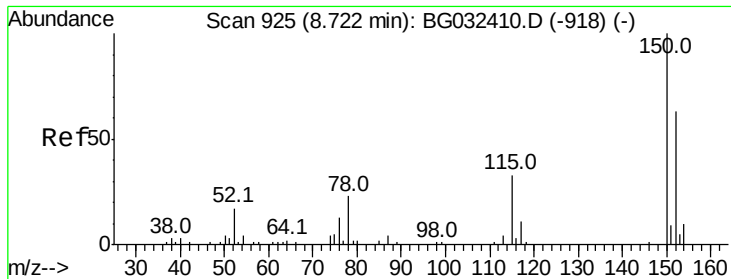
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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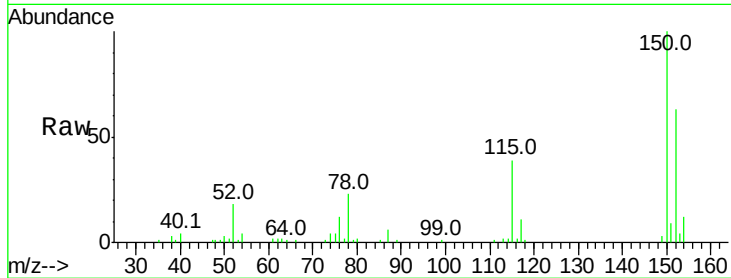


#1

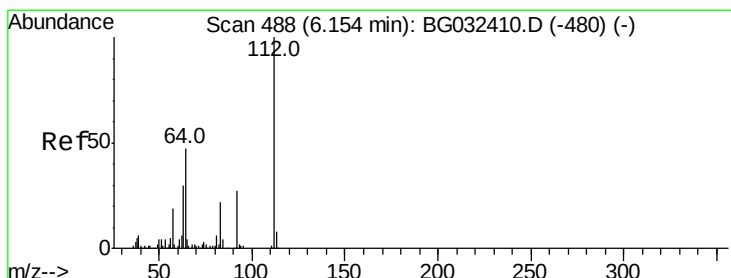
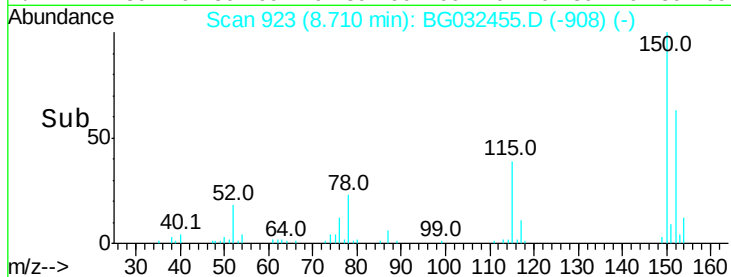
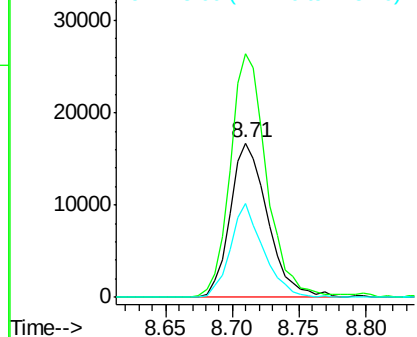
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032455.D
Acq: 30 Jan 2018 23:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 32668
Ion Ratio Lower Upper
152 100
150 157.9 126.6 189.8
115 60.9 53.0 79.4



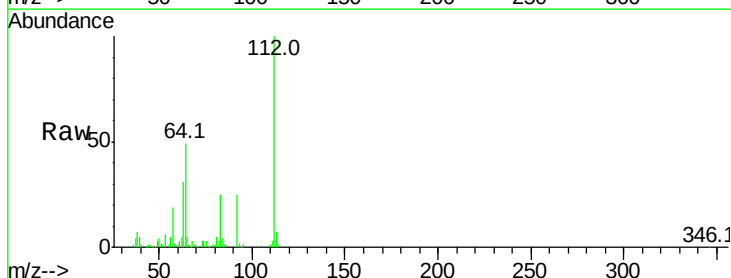
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



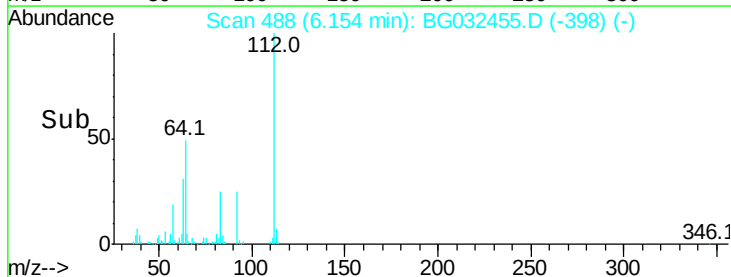
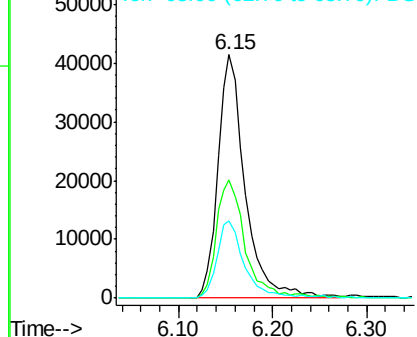
#5

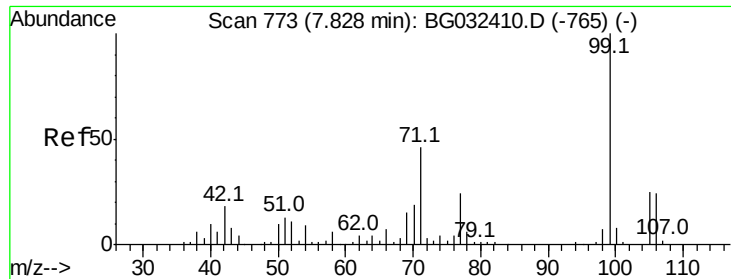
2-Fluorophenol
Concen: 51.552 ng
RT: 6.15 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032455.D
Acq: 30 Jan 2018 23:30

Tgt Ion:112 Resp: 83847
Ion Ratio Lower Upper
112 100
64 48.7 56.3 84.5#
63 31.5 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 29.746 ng

RT: 7.83 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032455.D

Acq: 30 Jan 2018 23:30

Instrument :

BNA_G

ClientSampleId :

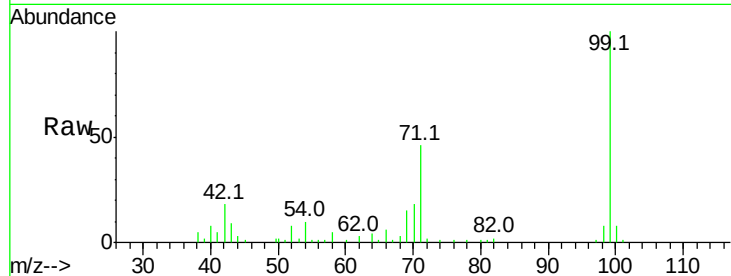
Tot Ion: 99 Resp: 64559

Ion Ratio Lower Upper

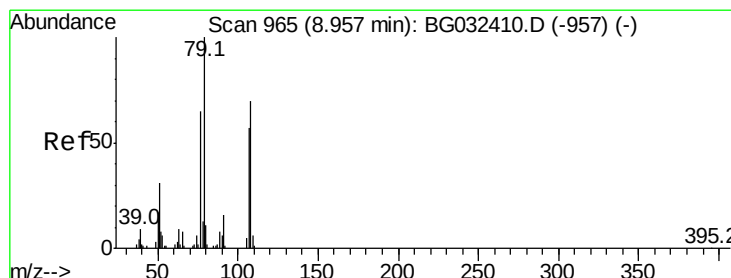
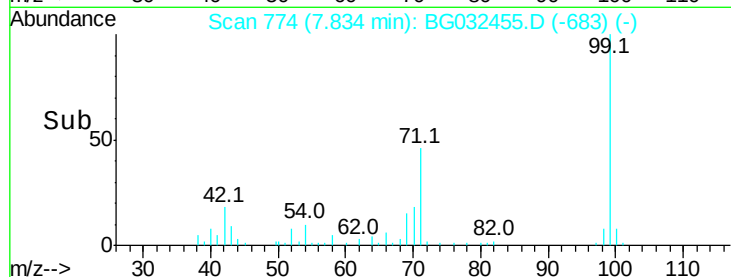
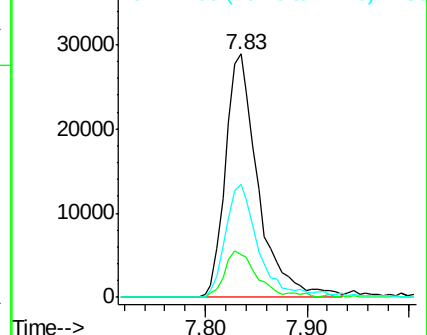
99 100

42 17.8 14.1 21.1

71 46.2 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



#15

Benzyl Alcohol

Concen: 2.055 ng

RT: 9.04 min Scan# 980

Delta R.T. 0.09 min

Lab File: BG032455.D

Acq: 30 Jan 2018 23:30

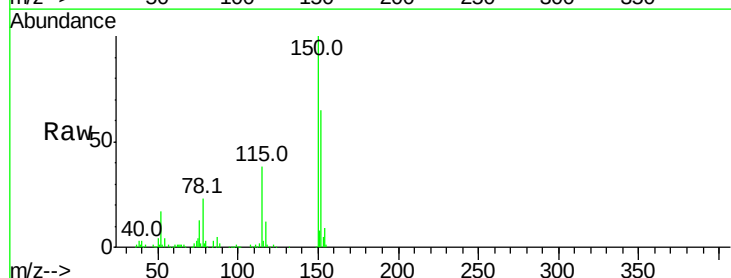
Tgt Ion: 79 Resp: 3675

Ion Ratio Lower Upper

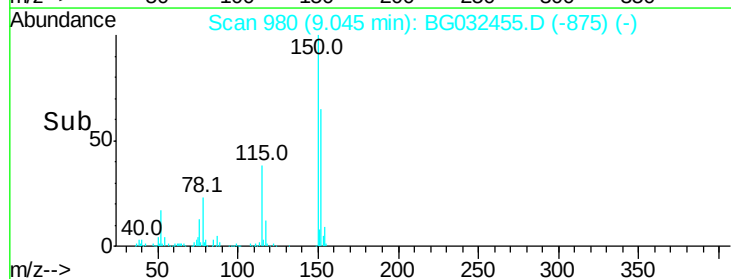
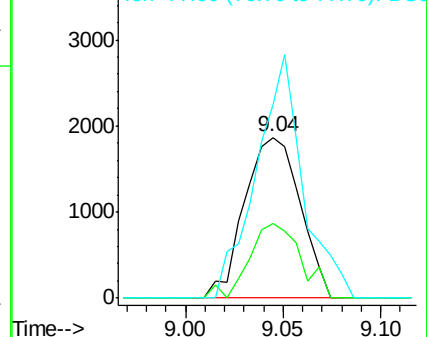
79 100

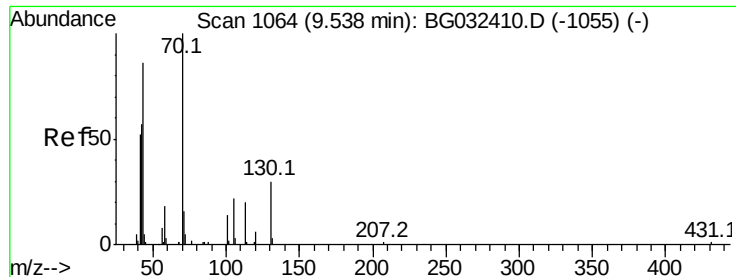
108 46.8 57.2 85.8#

77 120.8 46.1 69.1#



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

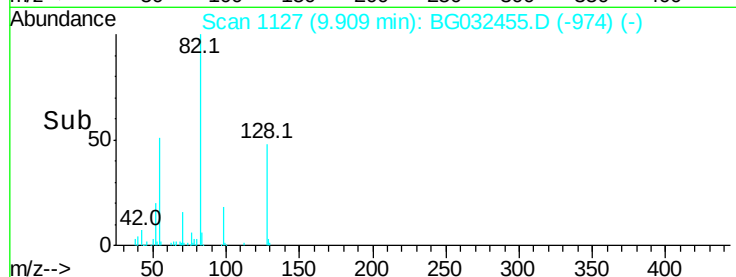
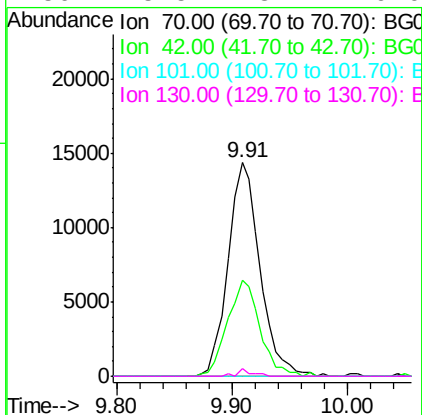
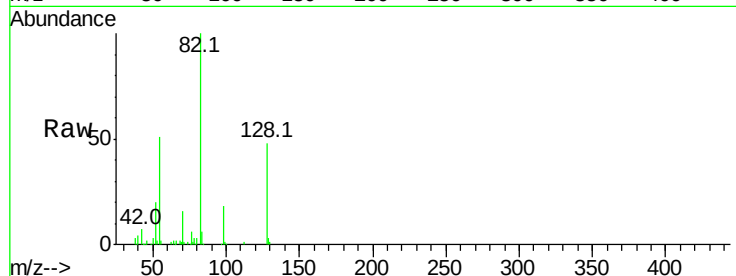




#19
 n-Nitroso-di-n-propylamine
 Concen: 19.048 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. 0.37 min
 Lab File: BG032455.D
 Acq: 30 Jan 2018 23:30

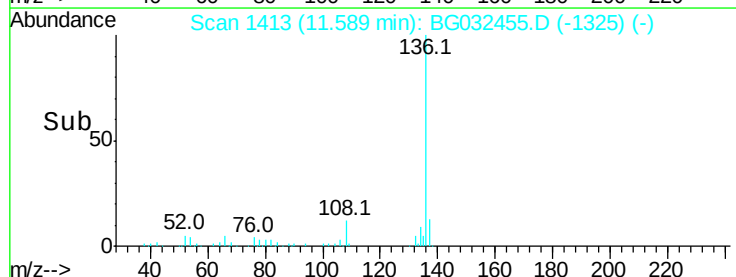
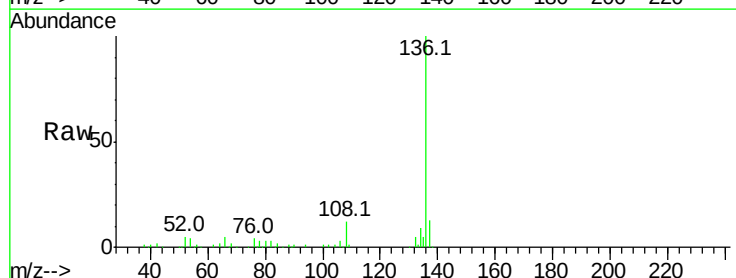
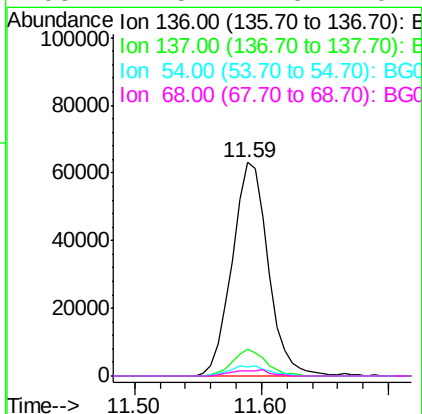
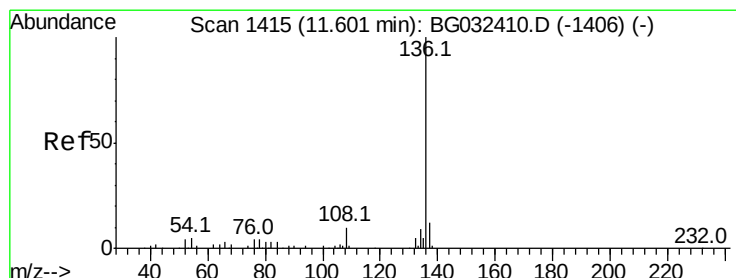
Instrument :
 BNA_G
 ClientSampleId :

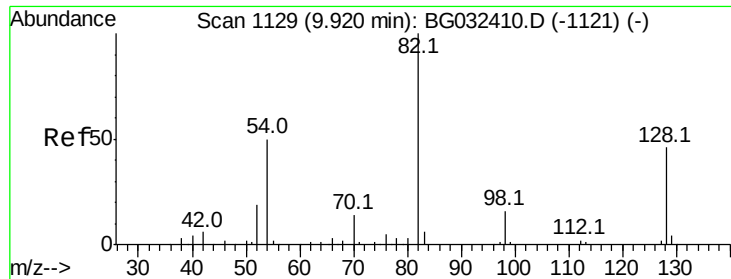
Tot Ion: 70 Resp: 27411
 Ion Ratio Lower Upper
 70 100
 42 45.0 49.1 73.7#
 101 0.0 8.5 12.7#
 130 3.5 13.4 20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.59 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BG032455.D
 Acq: 30 Jan 2018 23:30

Tgt Ion: 136 Resp: 124434
 Ion Ratio Lower Upper
 136 100
 137 12.6 9.2 13.8
 54 4.2 10.3 15.5#
 68 2.5 4.5 6.7#

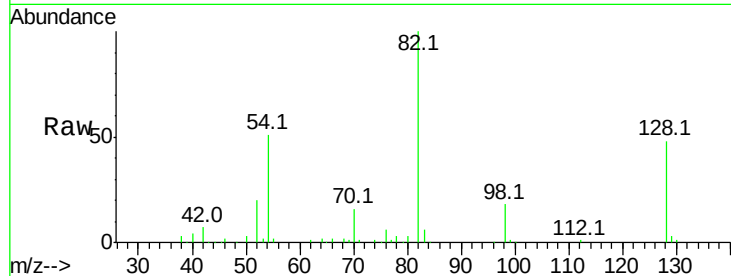




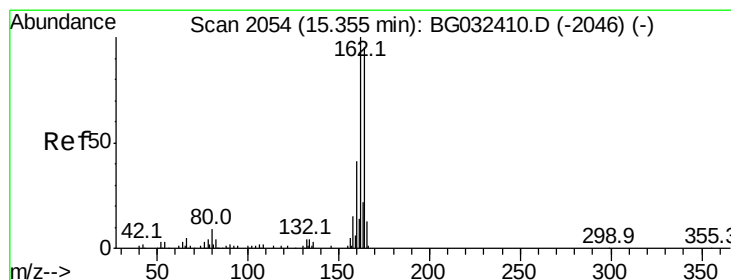
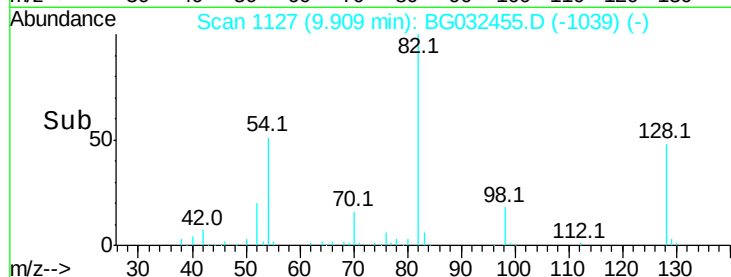
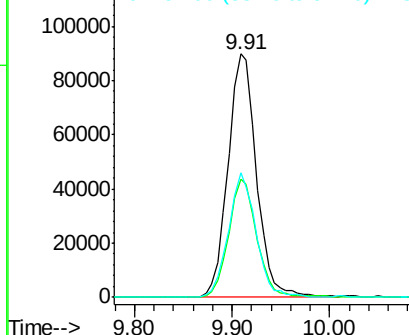
#23
 Nitrobenzene-d5
 Concen: 91.530 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BG032455.D
 Acq: 30 Jan 2018 23:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 82 Resp: 182346
 Ion Ratio Lower Upper
 82 100
 128 48.4 29.7 44.5#
 54 51.3 43.1 64.7

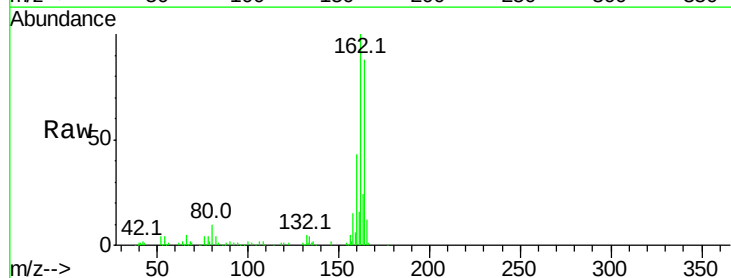


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

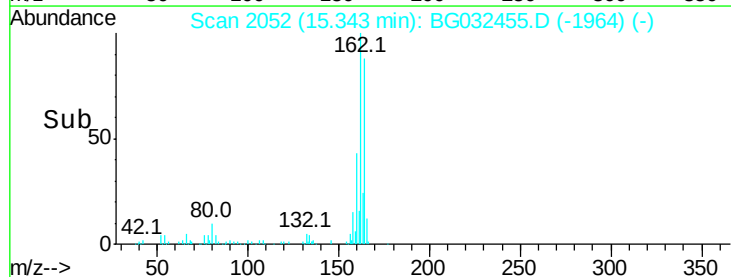
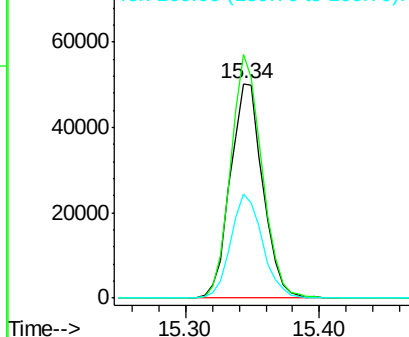


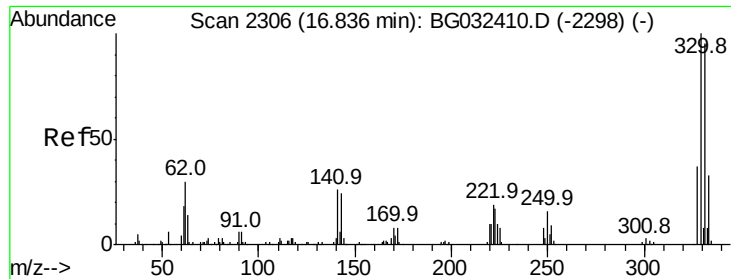
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BG032455.D
 Acq: 30 Jan 2018 23:30

Tgt Ion:164 Resp: 85135
 Ion Ratio Lower Upper
 164 100
 162 113.5 78.8 118.2
 160 48.7 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

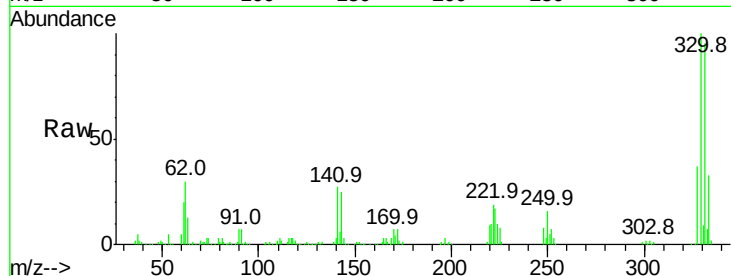




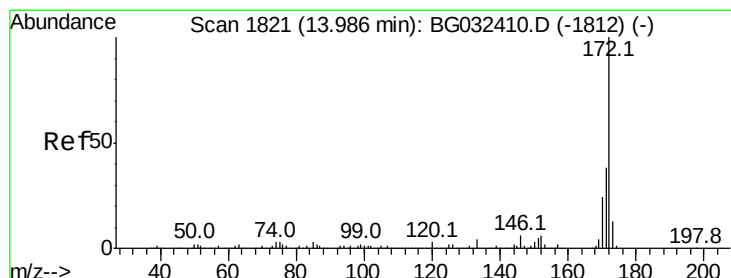
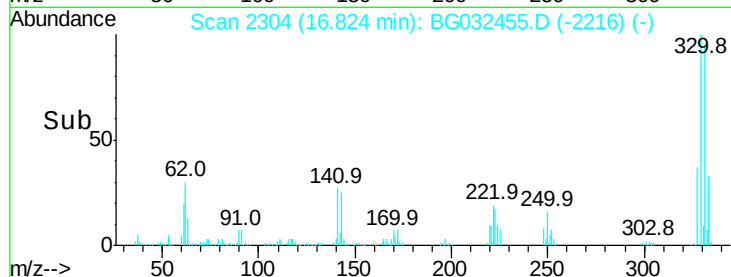
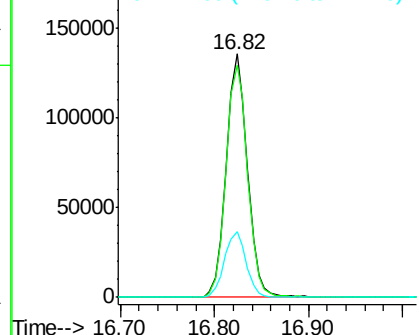
#41
 2,4,6-Tribromophenol
 Concen: 131.714 ng
 RT: 16.82 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BG032455.D
 Acq: 30 Jan 2018 23:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 213449
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 27.8 25.2 37.8

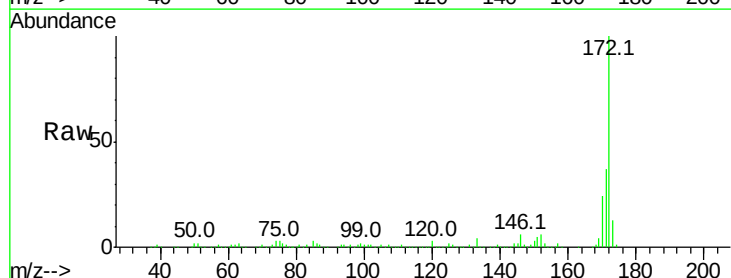


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

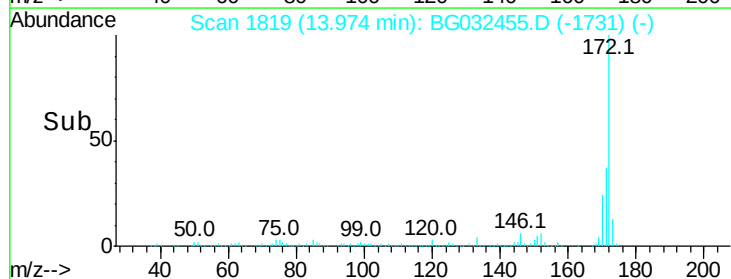
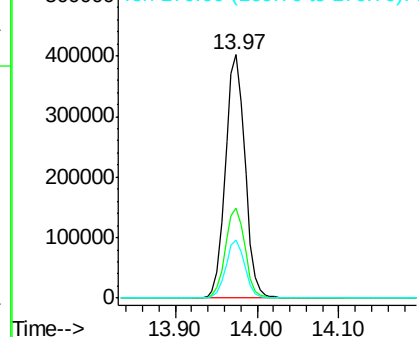


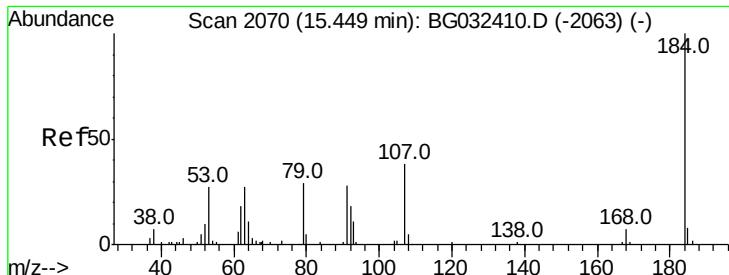
#44
 2-Fluorobiphenyl
 Concen: 93.572 ng
 RT: 13.97 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BG032455.D
 Acq: 30 Jan 2018 23:30

Tgt Ion:172 Resp: 670238
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.0 45.0
 170 23.7 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





#53

2,4-Dinitrophenol

Concen: 4.156 ng

RT: 15.38 min Scan# 2059

Delta R.T. -0.06 min

Lab File: BG032455.D

Acq: 30 Jan 2018 23:30

Instrument :

BNA_G

ClientSampleId :

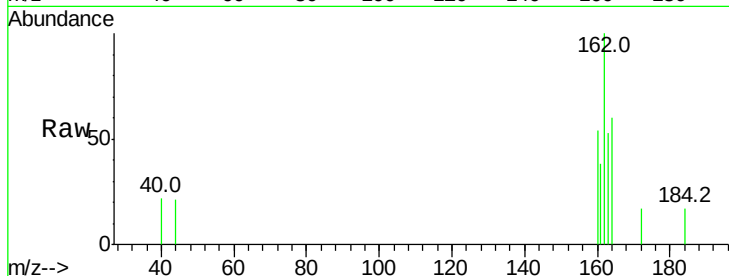
Tot Ion:184 Resp: 56

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

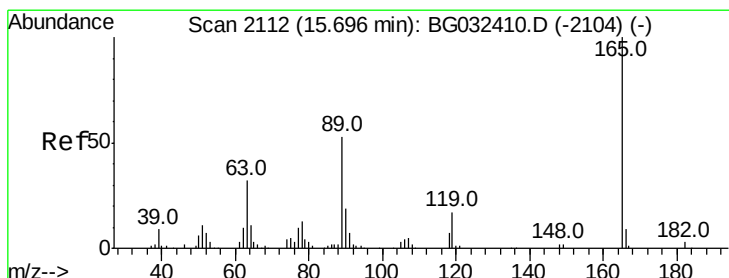
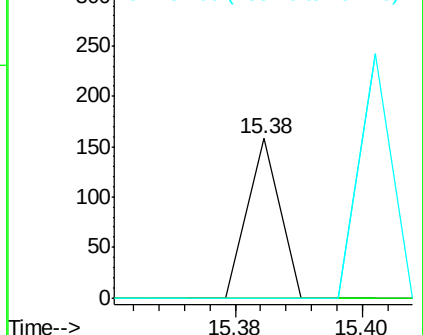
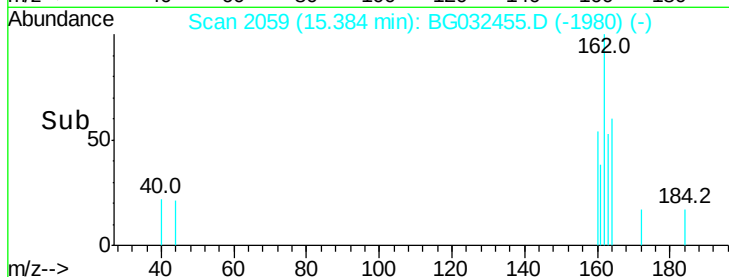
154 0.0 101.8 152.8#



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: 4.726 ng

RT: 15.34 min Scan# 2052

Delta R.T. -0.35 min

Lab File: BG032455.D

Acq: 30 Jan 2018 23:30

Tgt Ion:165 Resp: 11086

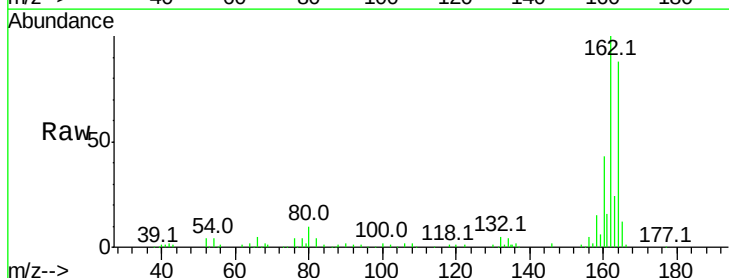
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

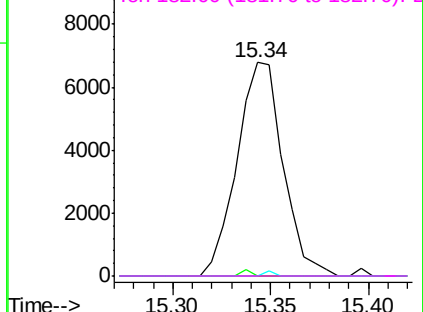
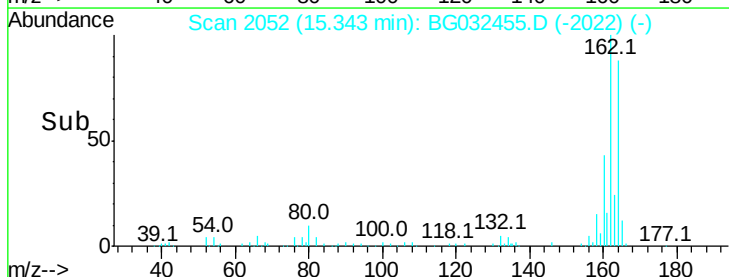


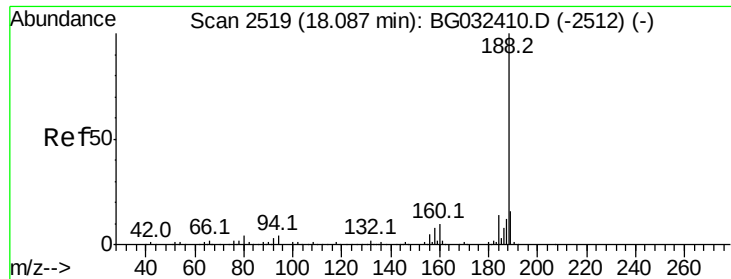
Abundance Ion 165.00 (164.70 to 165.70): E

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

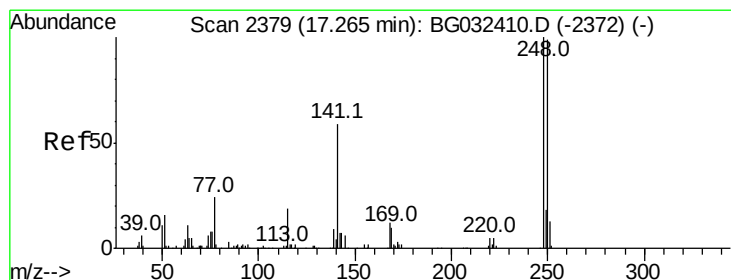
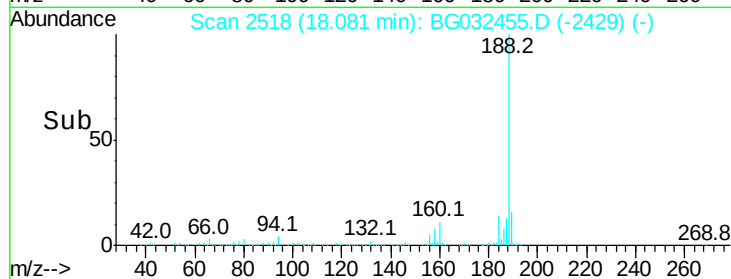
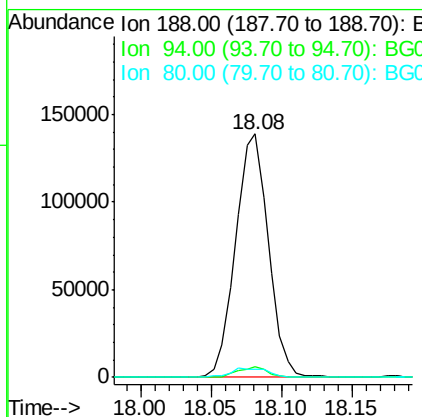
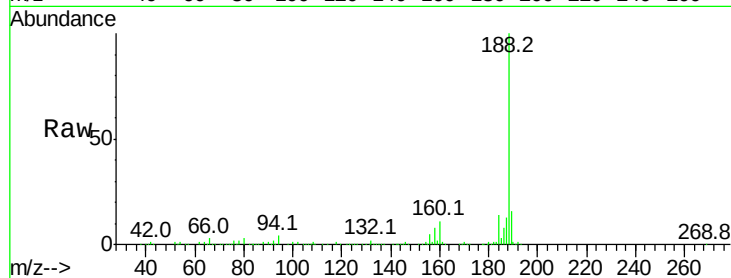




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.08 min Scan# 2518
 Delta R.T. -0.01 min
 Lab File: BG032455.D
 Acq: 30 Jan 2018 23:30

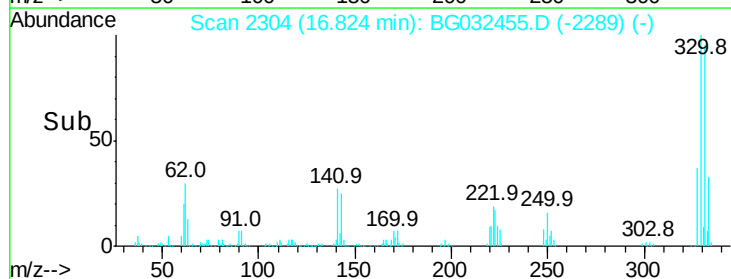
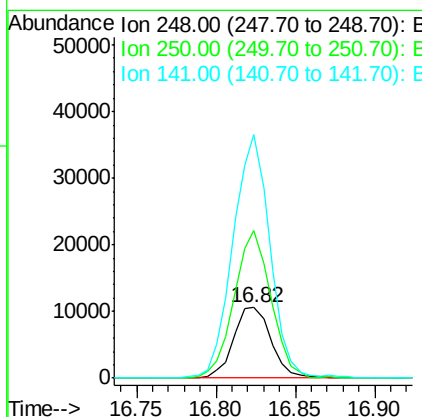
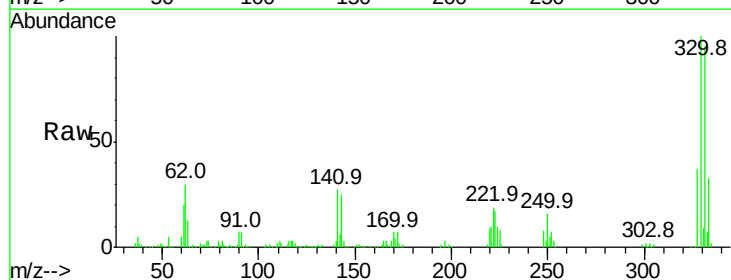
Instrument :
 BNA_G
 ClientSampleId :

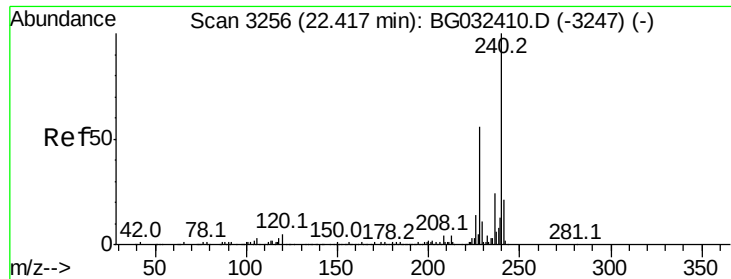
Tot Ion:188 Resp: 226278
 Ion Ratio Lower Upper
 188 100
 94 4.1 6.9 10.3#
 80 3.4 7.7 11.5#



#66
 4-Bromophenyl-phenylether
 Concen: 5.241 ng
 RT: 16.82 min Scan# 2304
 Delta R.T. -0.44 min
 Lab File: BG032455.D
 Acq: 30 Jan 2018 23:30

Tgt Ion:248 Resp: 17571
 Ion Ratio Lower Upper
 248 100
 250 208.4 77.1 115.7#
 141 344.5 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.41 min Scan# 3254

Delta R.T. -0.01 min

Lab File: BG032455.D

Acq: 30 Jan 2018 23:30

Instrument :

BNA_G

ClientSampleId :

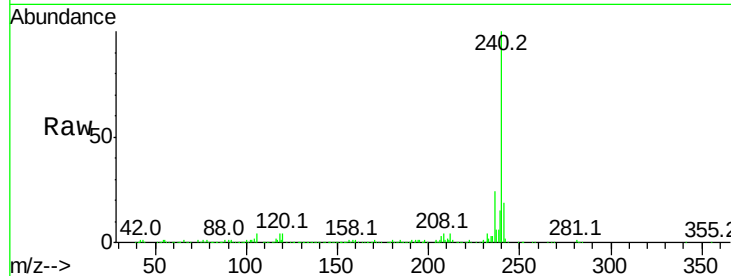
Tot Ion:240 Resp: 290956

Ion Ratio Lower Upper

240 100

120 3.9 6.8 10.2#

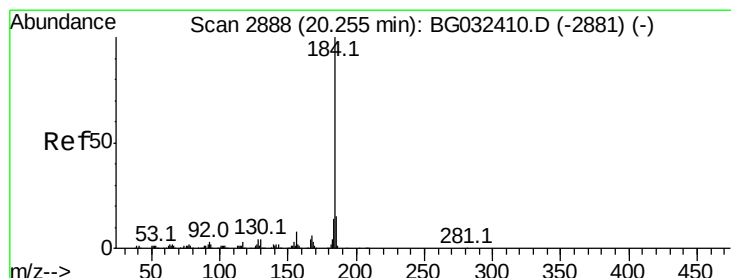
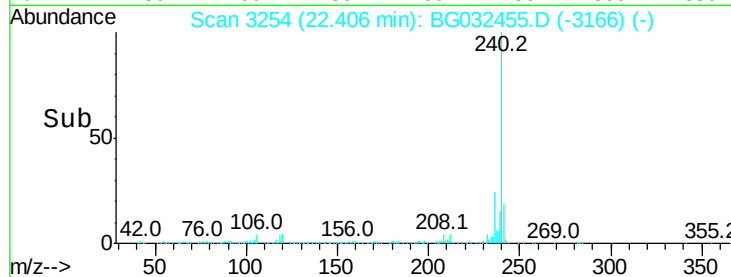
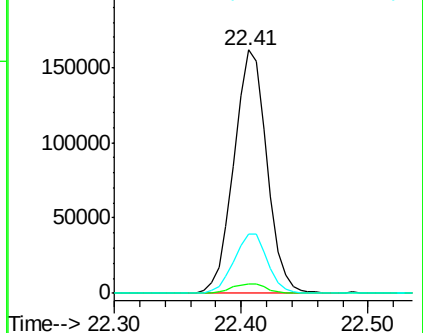
236 24.4 20.9 31.3



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: 3.187 ng

RT: 20.62 min Scan# 2950

Delta R.T. 0.36 min

Lab File: BG032455.D

Acq: 30 Jan 2018 23:30

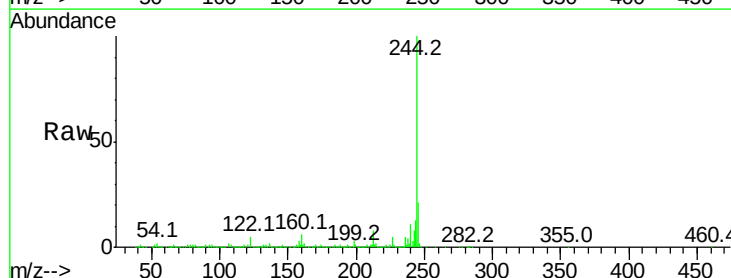
Tgt Ion:184 Resp: 18209

Ion Ratio Lower Upper

184 100

185 18.2 11.1 16.7#

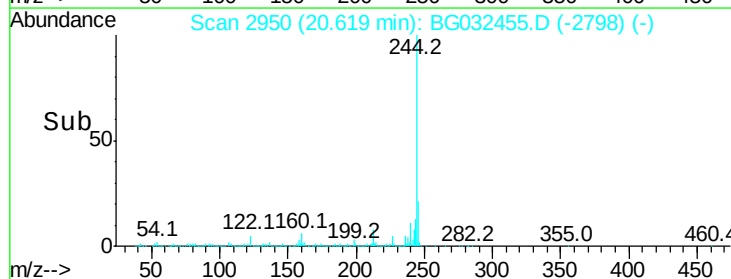
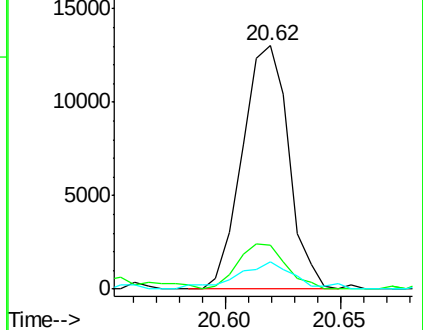
183 11.4 10.6 16.0

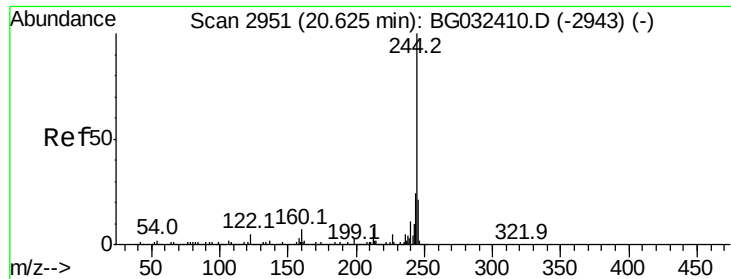


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



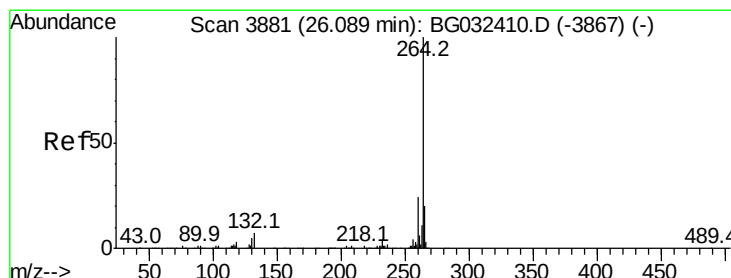
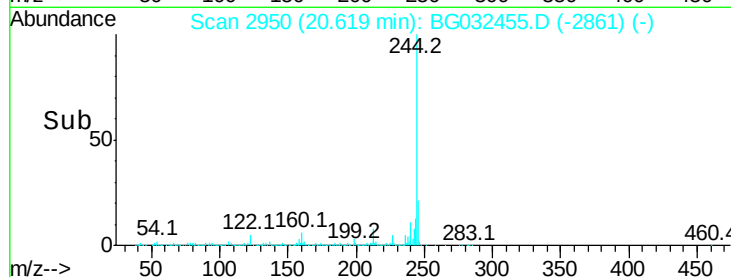
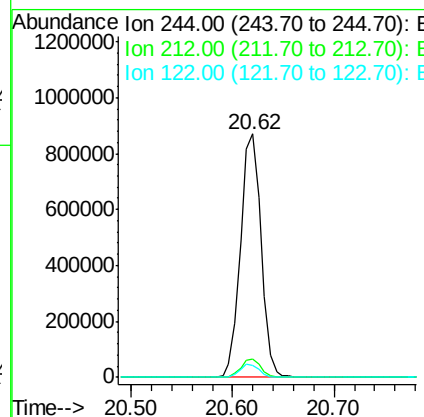
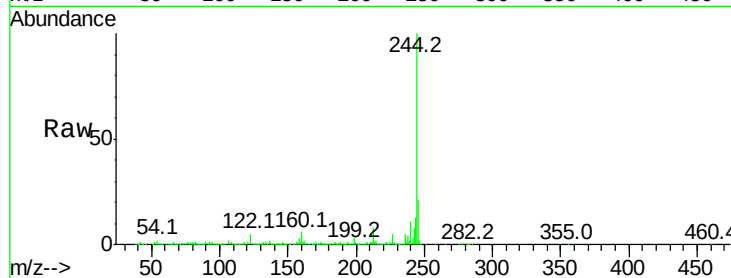


#78
 Terphenyl-d14
 Concen: 90.331 ng
 RT: 20.62 min Scan# 2950
 Delta R.T. -0.01 min
 Lab File: BG032455.D
 Acq: 30 Jan 2018 23:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1226947

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	5.1	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.08 min Scan# 3880
 Delta R.T. -0.01 min
 Lab File: BG032455.D
 Acq: 30 Jan 2018 23:30

Tgt Ion:264 Resp: 302195

Ion	Ratio	Lower	Upper
264	100		
260	20.9	17.4	26.0
265	21.3	17.7	26.5

