

Data Path : U:\HPCHEM1\BNA G\DATA\BG013118\
 Data File : BG032473.D
 Acq On : 31 Jan 2018 19:53
 Operator : SJ/JU
 Sample : J1015-25
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 01 01:39:52 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

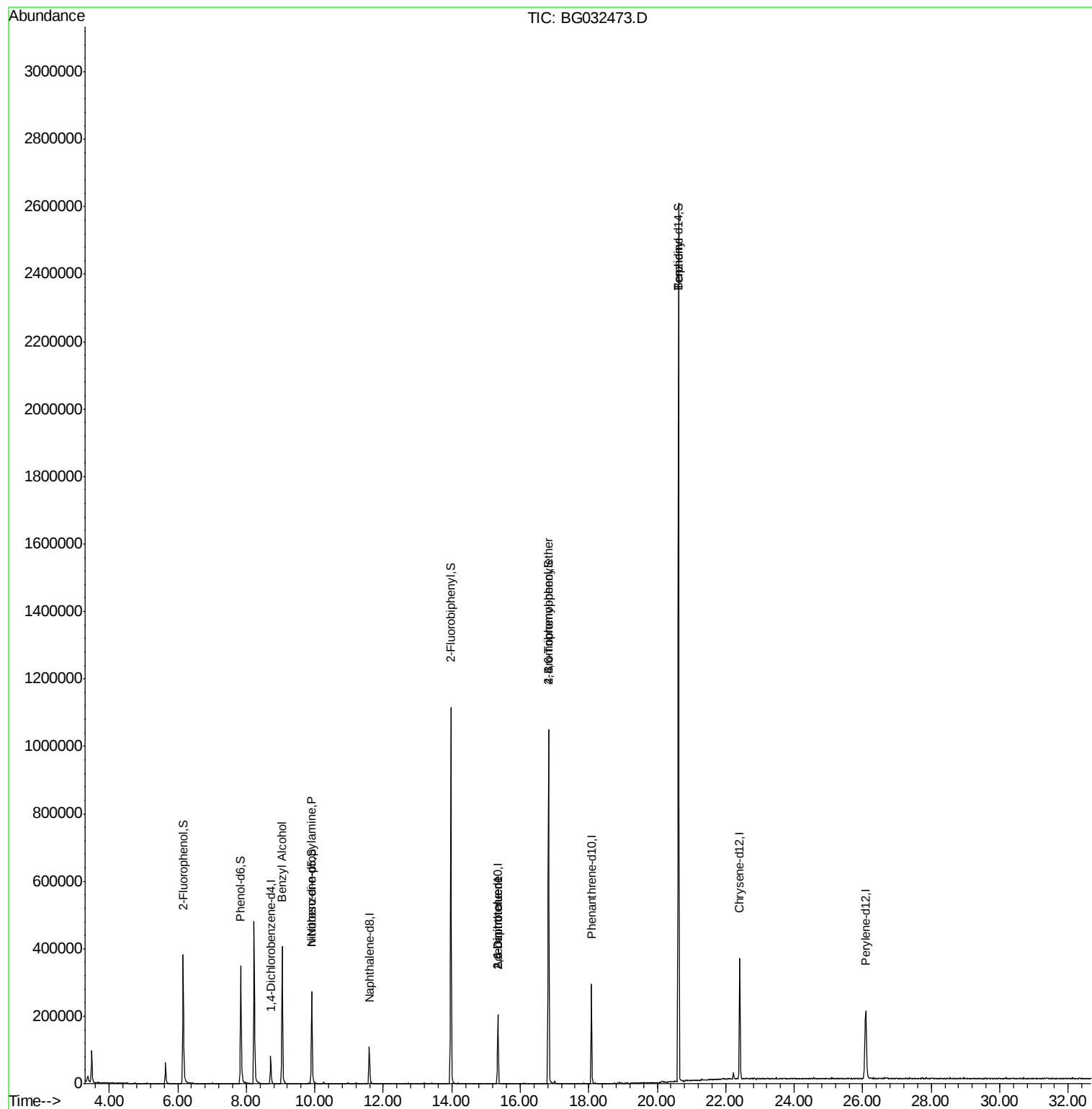
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	29356	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	115207	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	81287	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	212932	20.00	ng	0.00
75) Chrysene-d12	22.41	240	273271	20.00	ng	-0.01
86) Perylene-d12	26.08	264	291342	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	219282	150.03	ng	0.00
7) Phenol-d6	7.83	99	241500	123.83	ng	0.00
23) Nitrobenzene-d5	9.91	82	185066	100.34	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	248179	160.39	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	663209	96.97	ng	-0.01
78) Terphenyl-d14	20.62	244	1381902	108.32	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.05	79	3685	2.293	ng	# 41
19) n-Nitroso-di-n-propylamine	9.91	70	27824	21.517	ng	# 80
50) 2,6-Dinitrotoluene	15.34	165	11208	7.125	ng	# 21
56) 2,4-Dinitrotoluene	15.34	165	11208	5.004	ng	# 18
66) 4-Bromophenyl-phenylether	16.82	248	19694	6.243	ng	# 1
76) Benzidine	20.62	184	21140	3.940	ng	# 92

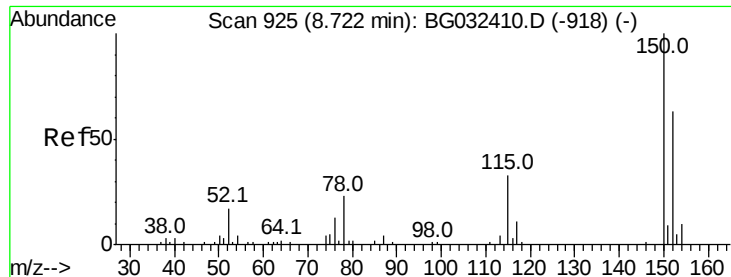
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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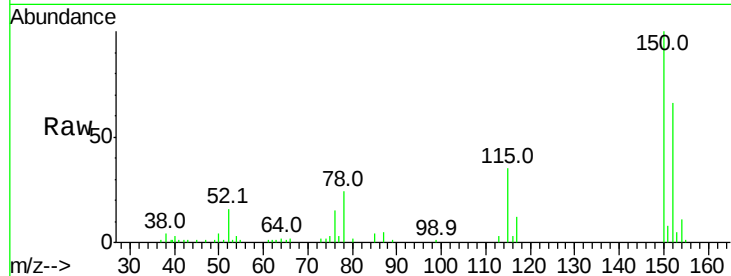


#1

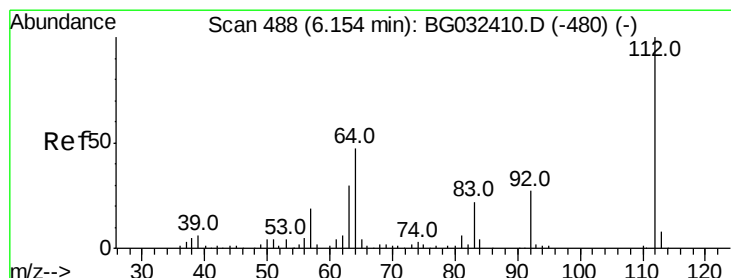
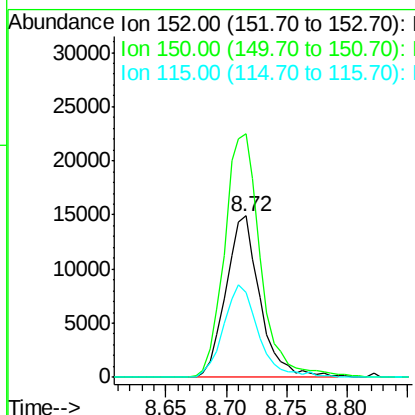
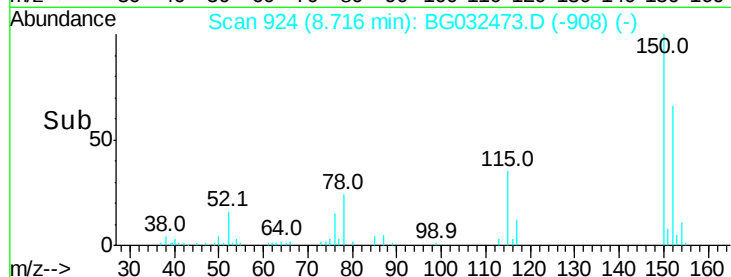
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 924
Delta R.T. -0.01 min
Lab File: BG032473.D
Acq: 31 Jan 2018 19:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	126.6	189.8
115	52.7	53.0	79.4#



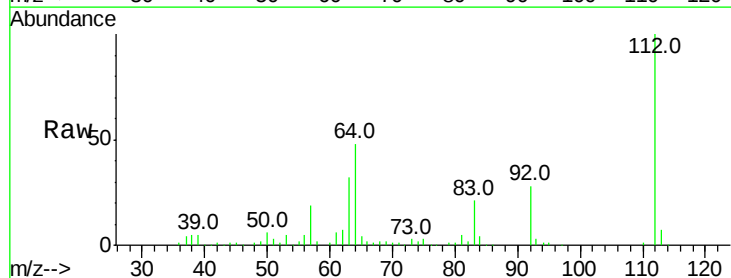
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



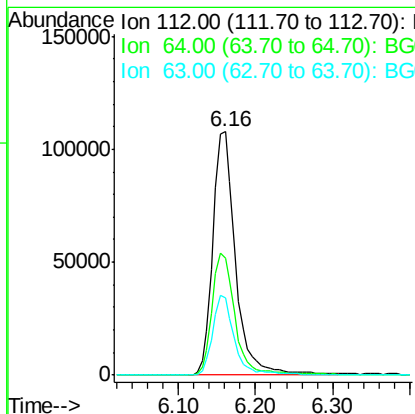
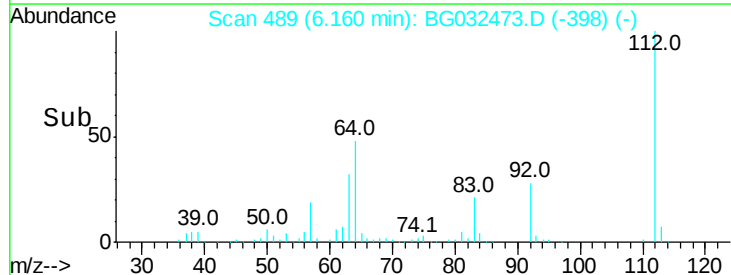
#5

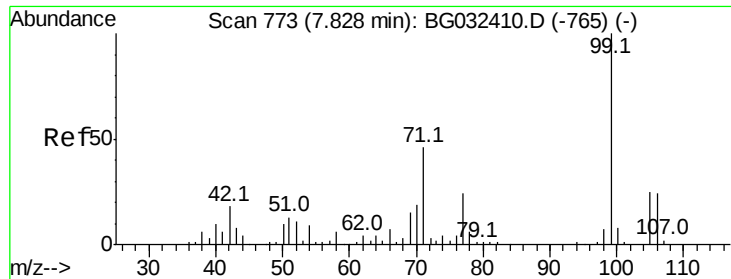
2-Fluorophenol
Concen: 150.034 ng
RT: 6.16 min Scan# 489
Delta R.T. 0.01 min
Lab File: BG032473.D
Acq: 31 Jan 2018 19:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.0	56.3	84.5#
63	31.9	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: 123.826 ng

RT: 7.83 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032473.D

Acq: 31 Jan 2018 19:53

Instrument :

BNA_G

ClientSampleId :

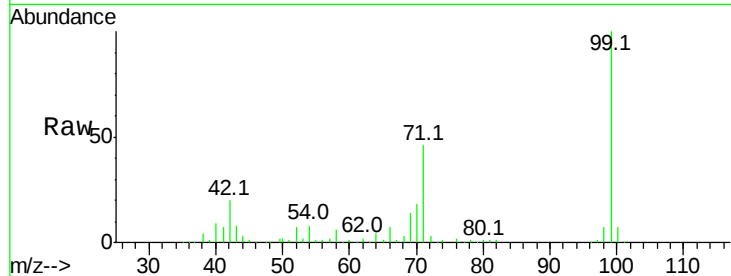
Tot Ion: 99 Resp: 241500

Ion Ratio Lower Upper

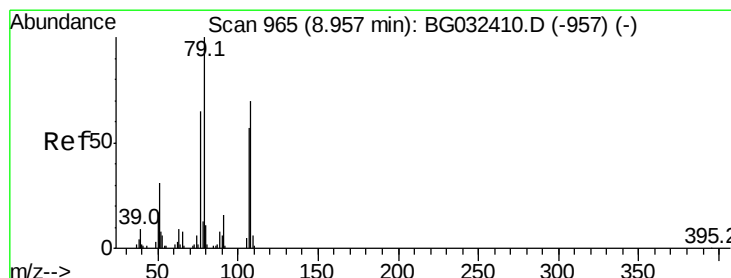
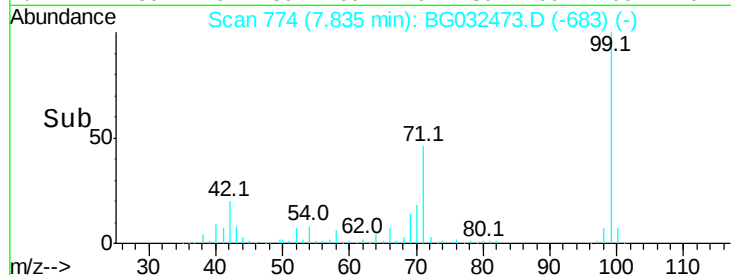
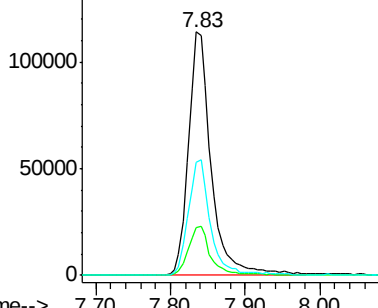
99 100

42 19.7 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: 2.293 ng

RT: 9.05 min Scan# 981

Delta R.T. 0.09 min

Lab File: BG032473.D

Acq: 31 Jan 2018 19:53

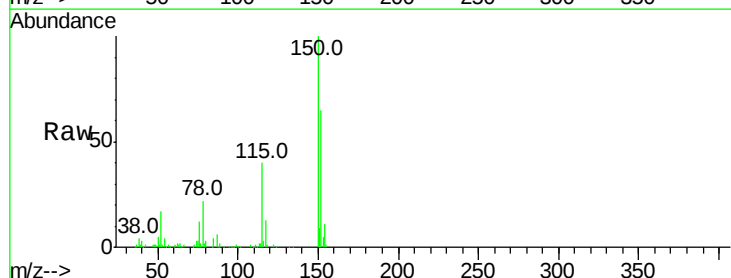
Tgt Ion: 79 Resp: 3685

Ion Ratio Lower Upper

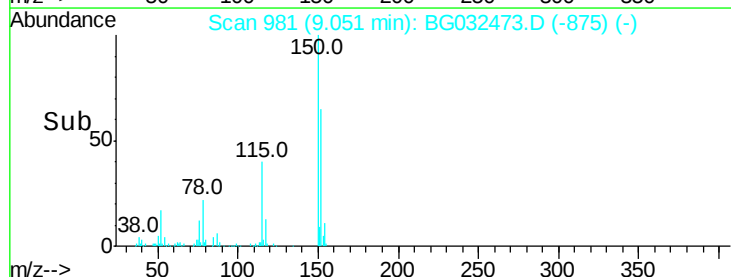
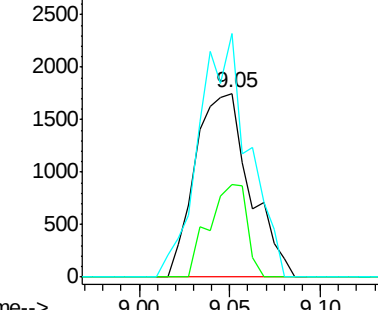
79 100

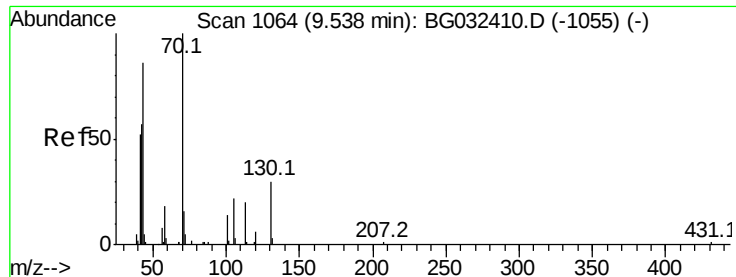
108 50.1 57.2 85.8#

77 132.6 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

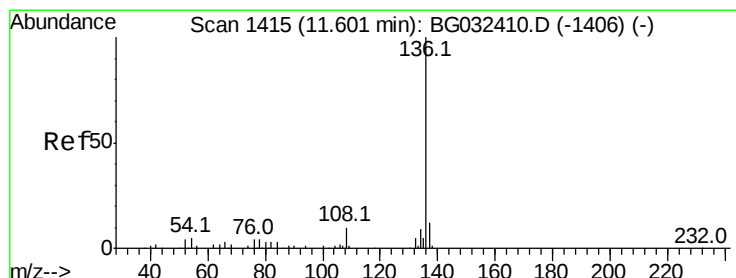
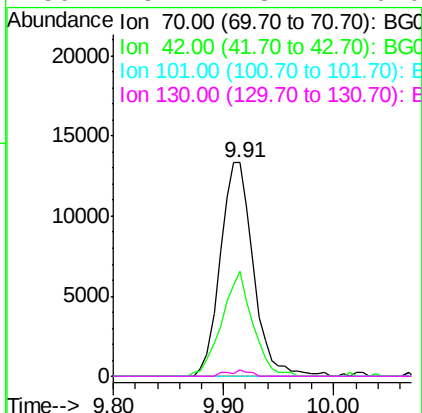
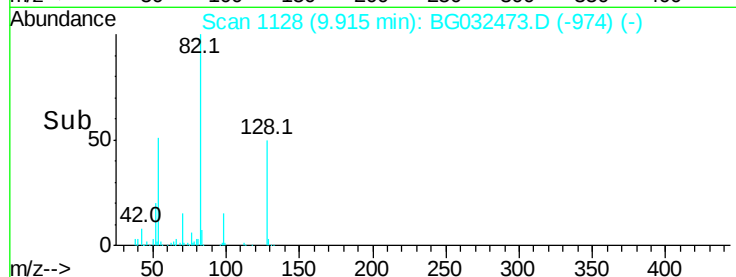
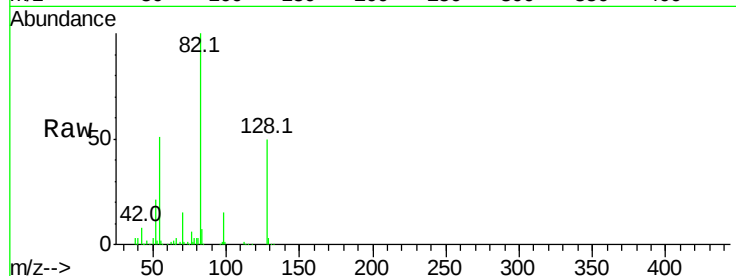




#19
n-Nitroso-di-n-propylamine
Concen: 21.517 ng
RT: 9.91 min Scan# 1128
Delta R.T. 0.38 min
Lab File: BG032473.D
Acq: 31 Jan 2018 19:53

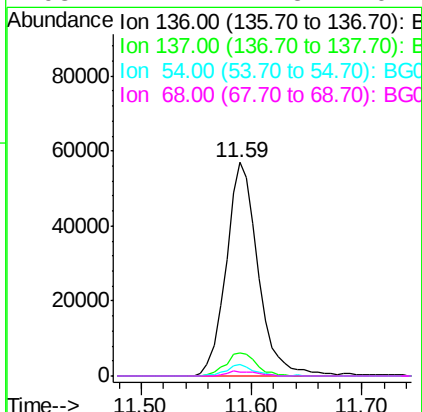
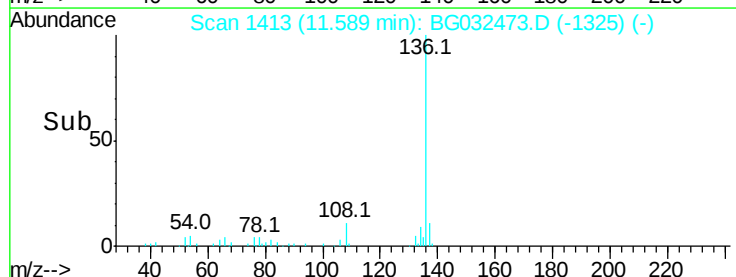
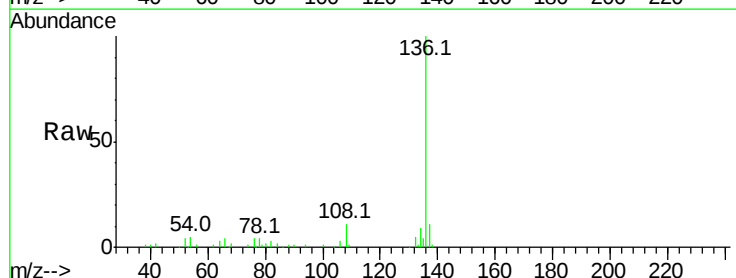
Instrument :
BNA_G
ClientSampleId :

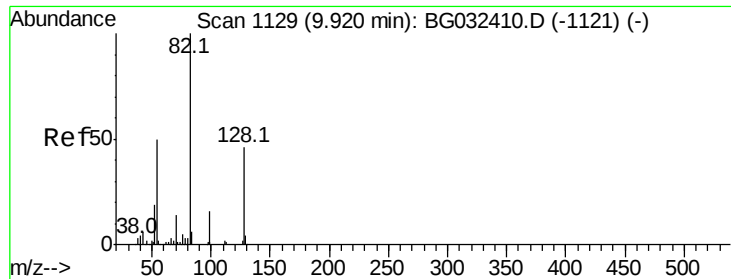
Tot Ion: 70 Resp: 27824
Ion Ratio Lower Upper
70 100
42 49.4 49.1 73.7
101 0.0 8.5 12.7#
130 3.2 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG032473.D
Acq: 31 Jan 2018 19:53

Tgt Ion: 136 Resp: 115207
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 5.2 10.3 15.5#
68 2.1 4.5 6.7#

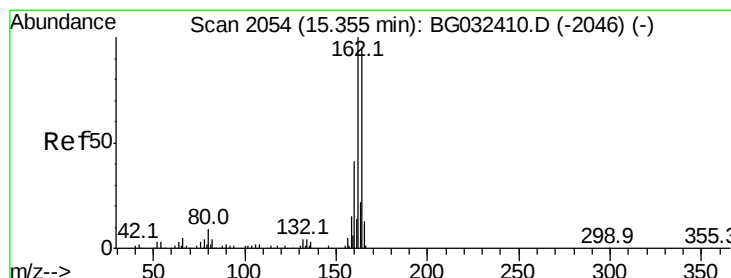
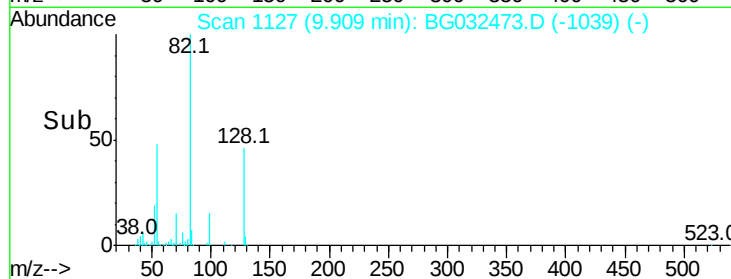
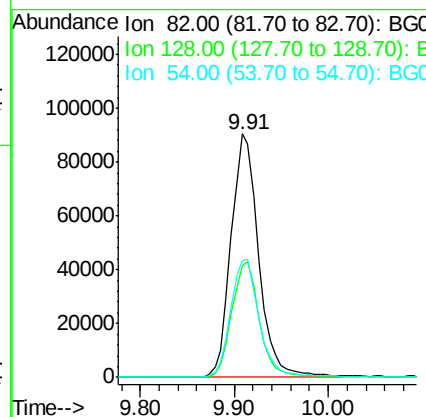
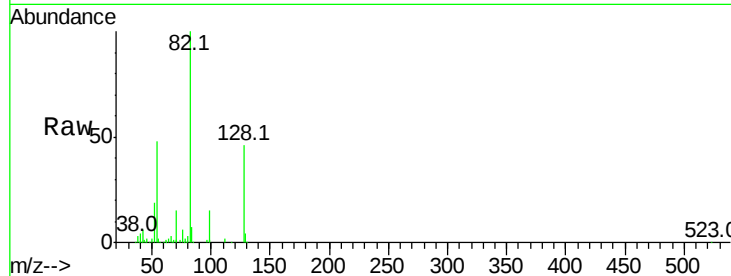




#23
 Nitrobenzene-d5
 Concen: 100.335 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BG032473.D
 Acq: 31 Jan 2018 19:53

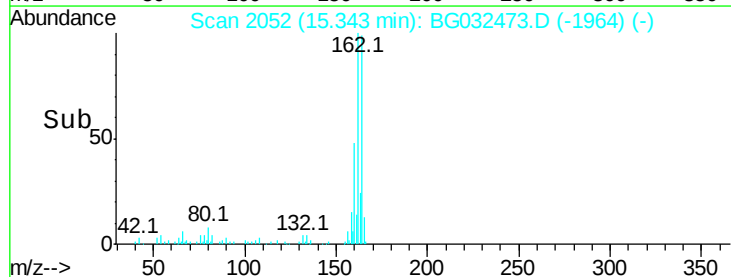
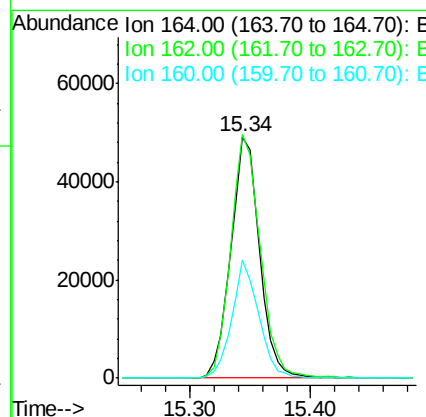
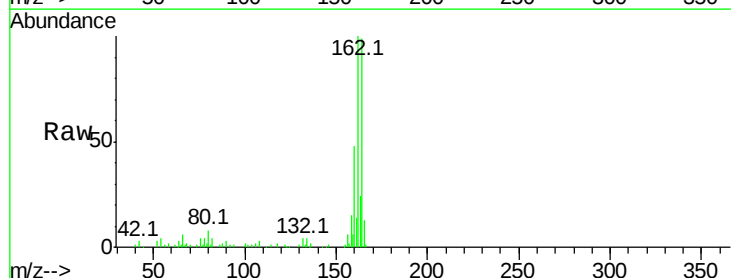
Instrument :
 BNA_G
 ClientSampleId :

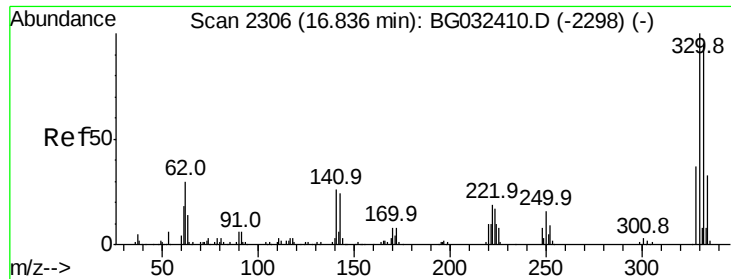
Tot Ion: 82 Resp: 185066
 Ion Ratio Lower Upper
 82 100
 128 45.8 29.7 44.5#
 54 48.1 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BG032473.D
 Acq: 31 Jan 2018 19:53

Tgt Ion:164 Resp: 81287
 Ion Ratio Lower Upper
 164 100
 162 100.9 78.8 118.2
 160 48.9 35.4 53.0

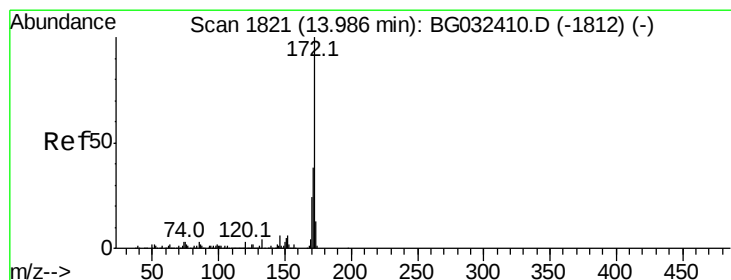
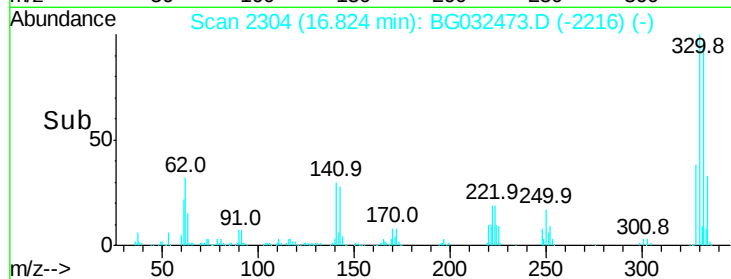
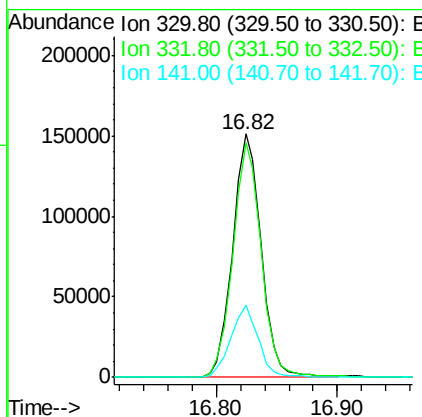
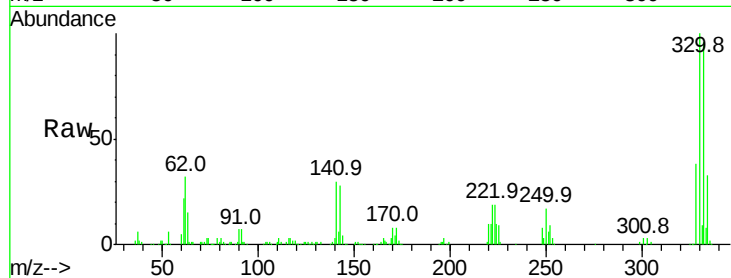




#41
 2,4,6-Tribromophenol
 Concen: 160.395 ng
 RT: 16.82 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BG032473.D
 Acq: 31 Jan 2018 19:53

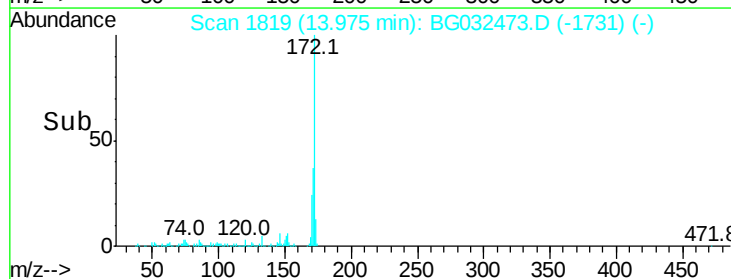
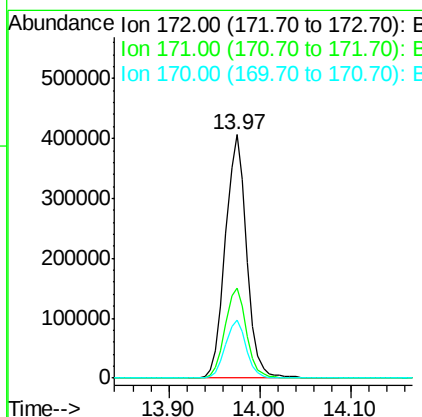
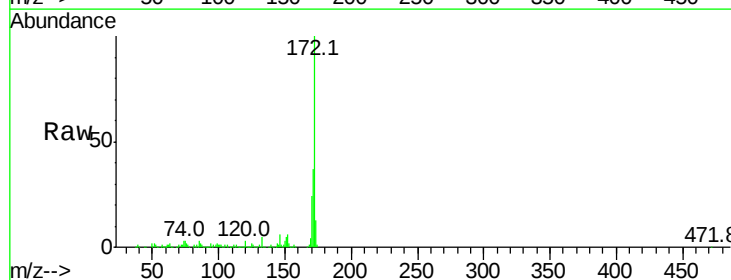
Instrument :
 BNA_G
 ClientSampleId :

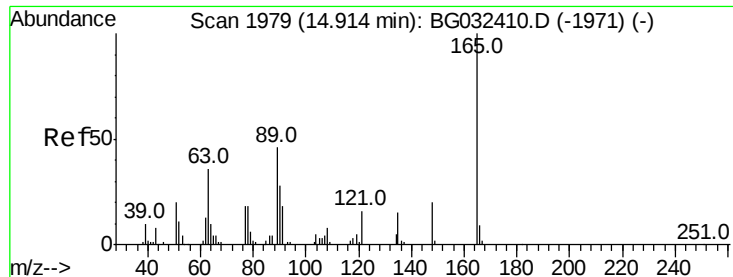
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	28.6	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 96.973 ng
 RT: 13.97 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BG032473.D
 Acq: 31 Jan 2018 19:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.0	45.0
170	23.9	19.5	29.3

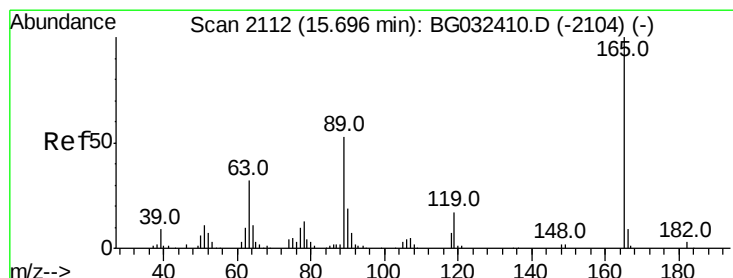
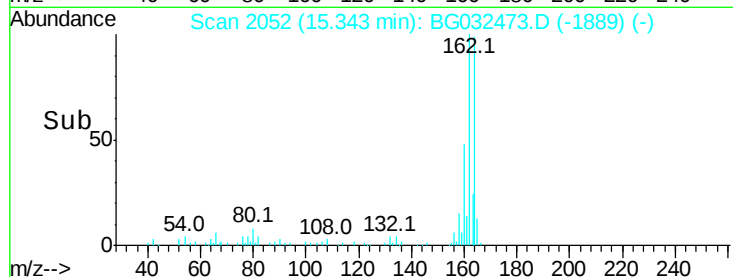
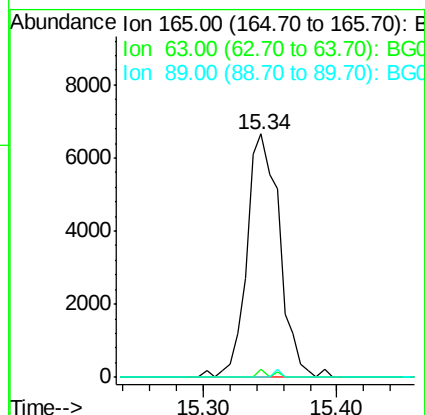
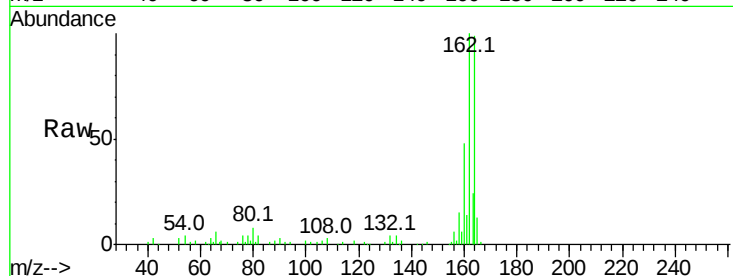




#50
2,6-Dinitrotoluene
Concen: 7.125 ng
RT: 15.34 min Scan# 2052
Delta R.T. 0.43 min
Lab File: BG032473.D
Acq: 31 Jan 2018 19:53

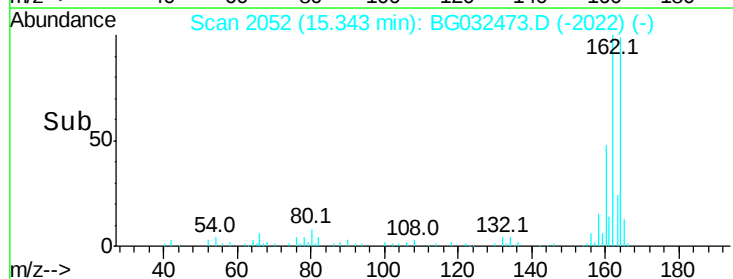
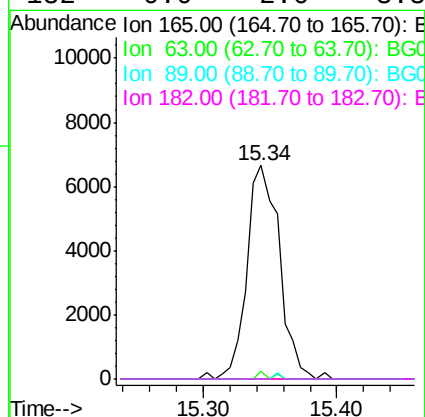
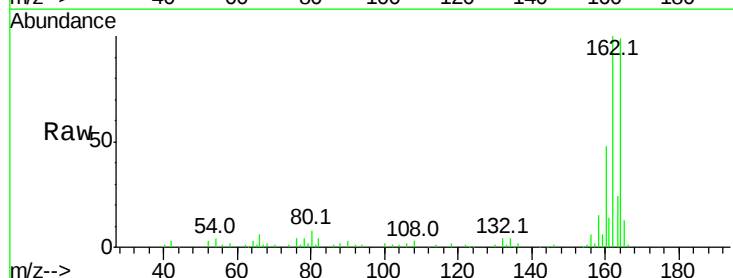
Instrument :
BNA_G
ClientSampleId :

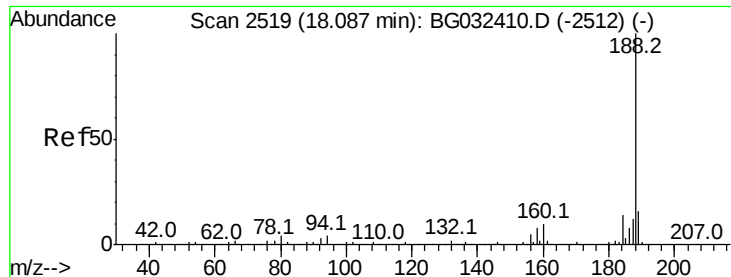
Tot Ion:165 Resp: 11208
Ion Ratio Lower Upper
165 100
63 3.3 52.7 79.1#
89 0.0 49.2 73.8#



#56
2,4-Dinitrotoluene
Concen: 5.004 ng
RT: 15.34 min Scan# 2052
Delta R.T. -0.35 min
Lab File: BG032473.D
Acq: 31 Jan 2018 19:53

Tgt Ion:165 Resp: 11208
Ion Ratio Lower Upper
165 100
63 3.3 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#

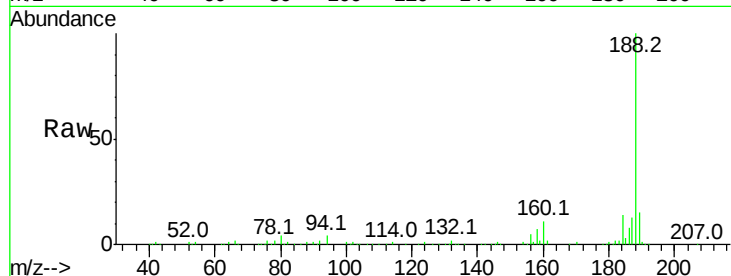




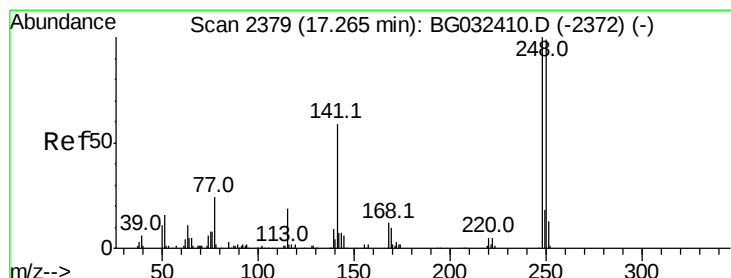
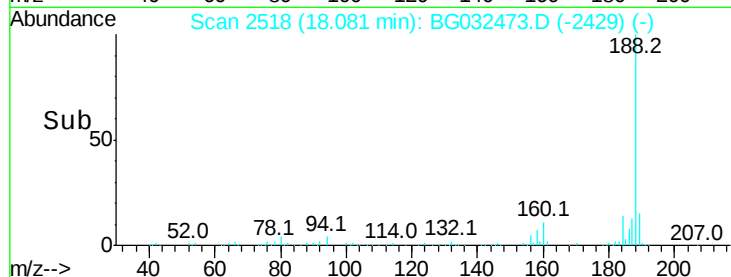
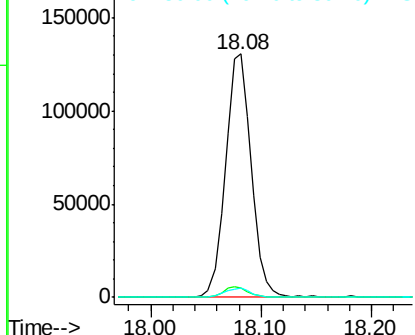
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2518
Delta R.T. -0.01 min
Lab File: BG032473.D
Acq: 31 Jan 2018 19:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 212932
Ion Ratio Lower Upper
188 100
94 3.8 6.9 10.3#
80 4.0 7.7 11.5#

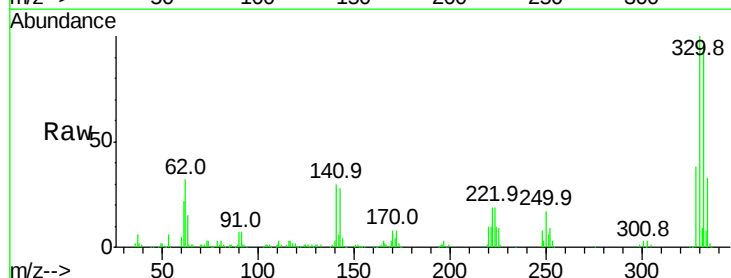


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

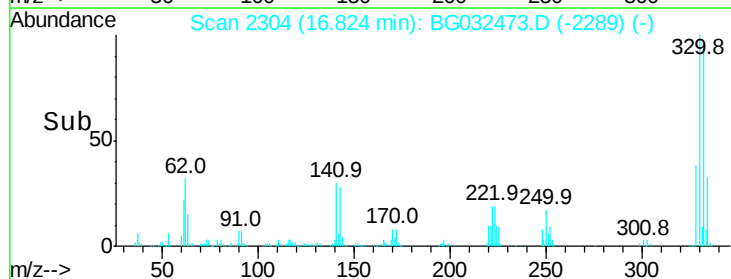
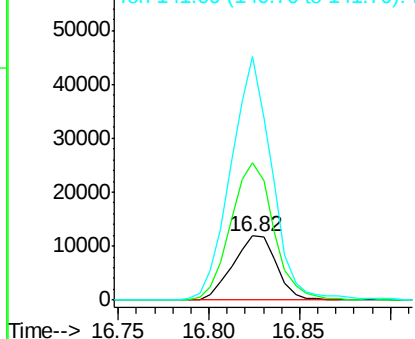


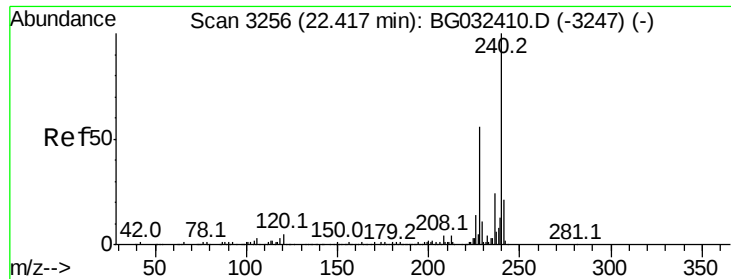
#66
4-Bromophenyl-phenylether
Concen: 6.243 ng
RT: 16.82 min Scan# 2304
Delta R.T. -0.44 min
Lab File: BG032473.D
Acq: 31 Jan 2018 19:53

Tgt Ion:248 Resp: 19694
Ion Ratio Lower Upper
248 100
250 213.2 77.1 115.7#
141 379.1 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: 22.41 min Scan# 3254

Delta R.T. -0.01 min

Lab File: BG032473.D

Acq: 31 Jan 2018 19:53

Instrument :

BNA_G

ClientSampleId :

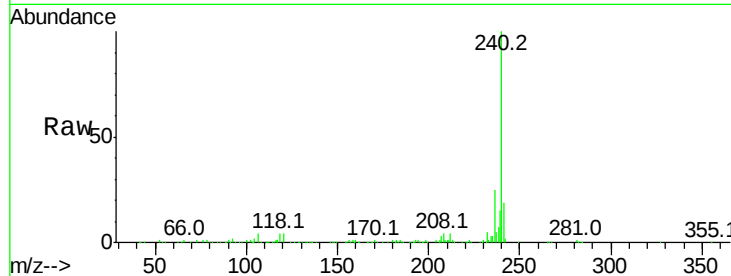
Tot Ion:240 Resp: 273271

Ion Ratio Lower Upper

240 100

120 4.3 6.8 10.2#

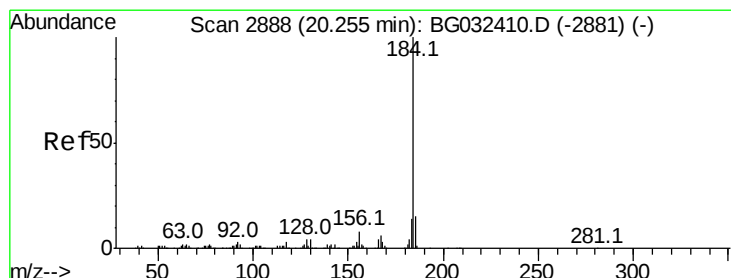
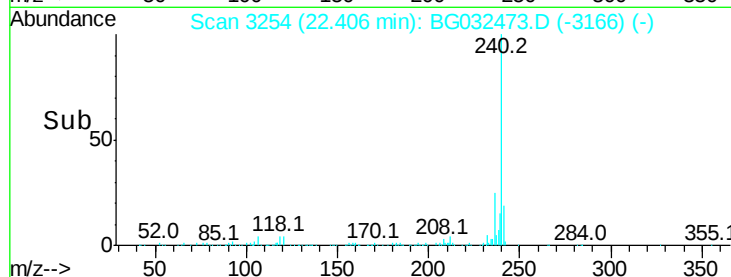
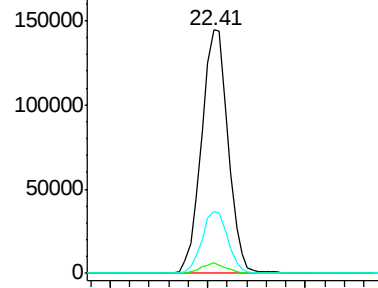
236 25.3 20.9 31.3



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: 3.940 ng

RT: 20.62 min Scan# 2950

Delta R.T. 0.36 min

Lab File: BG032473.D

Acq: 31 Jan 2018 19:53

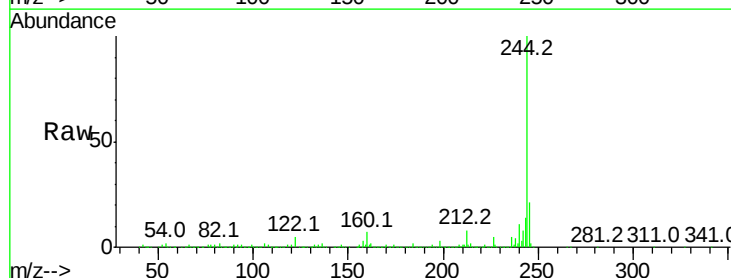
Tgt Ion:184 Resp: 21140

Ion Ratio Lower Upper

184 100

185 18.4 11.1 16.7#

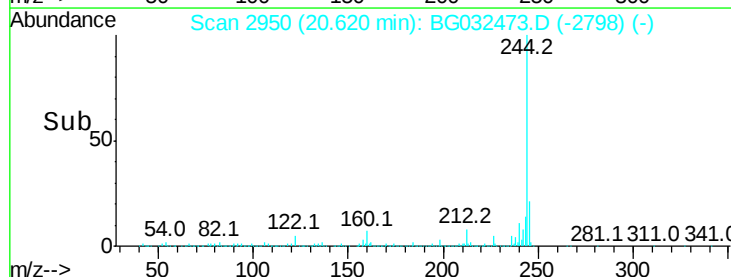
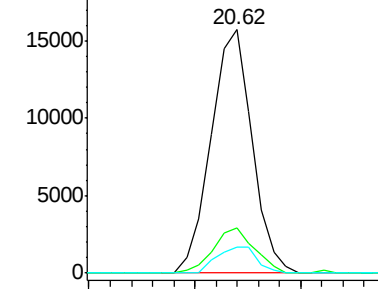
183 10.9 10.6 16.0

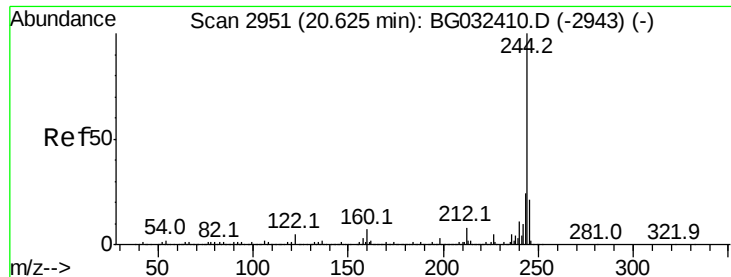


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 108.323 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.01 min

Lab File: BG032473.D

Acq: 31 Jan 2018 19:53

Instrument :

BNA_G

ClientSampleId :

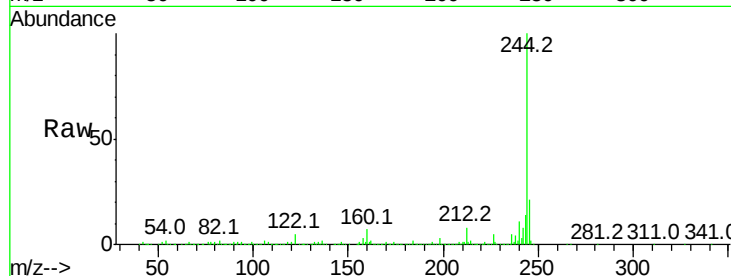
Tot Ion:244 Resp: 1381902

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

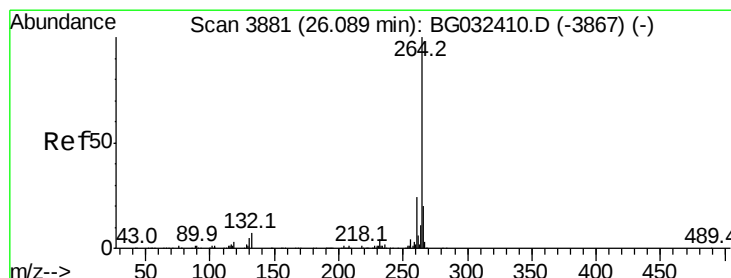
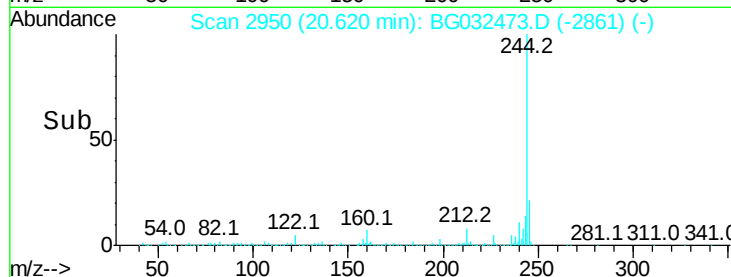
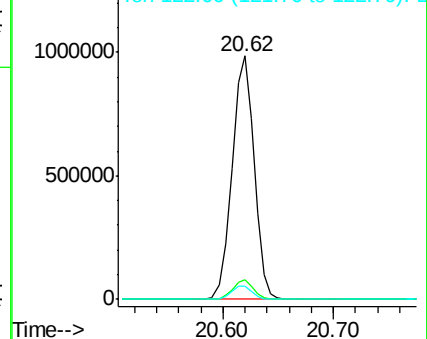
122 5.4 7.0 10.4#



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: 26.08 min Scan# 3880

Delta R.T. -0.01 min

Lab File: BG032473.D

Acq: 31 Jan 2018 19:53

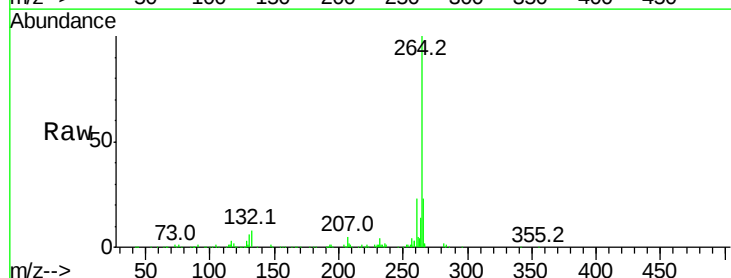
Tgt Ion:264 Resp: 291342

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

265 22.9 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

