

Data Path : U:\HPCHEM1\BNA G\DATA\BG013118\
 Data File : BG032481.D
 Acq On : 1 Feb 2018 2:10
 Operator : SJ/JU
 Sample : J1377-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 01 04:37:53 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

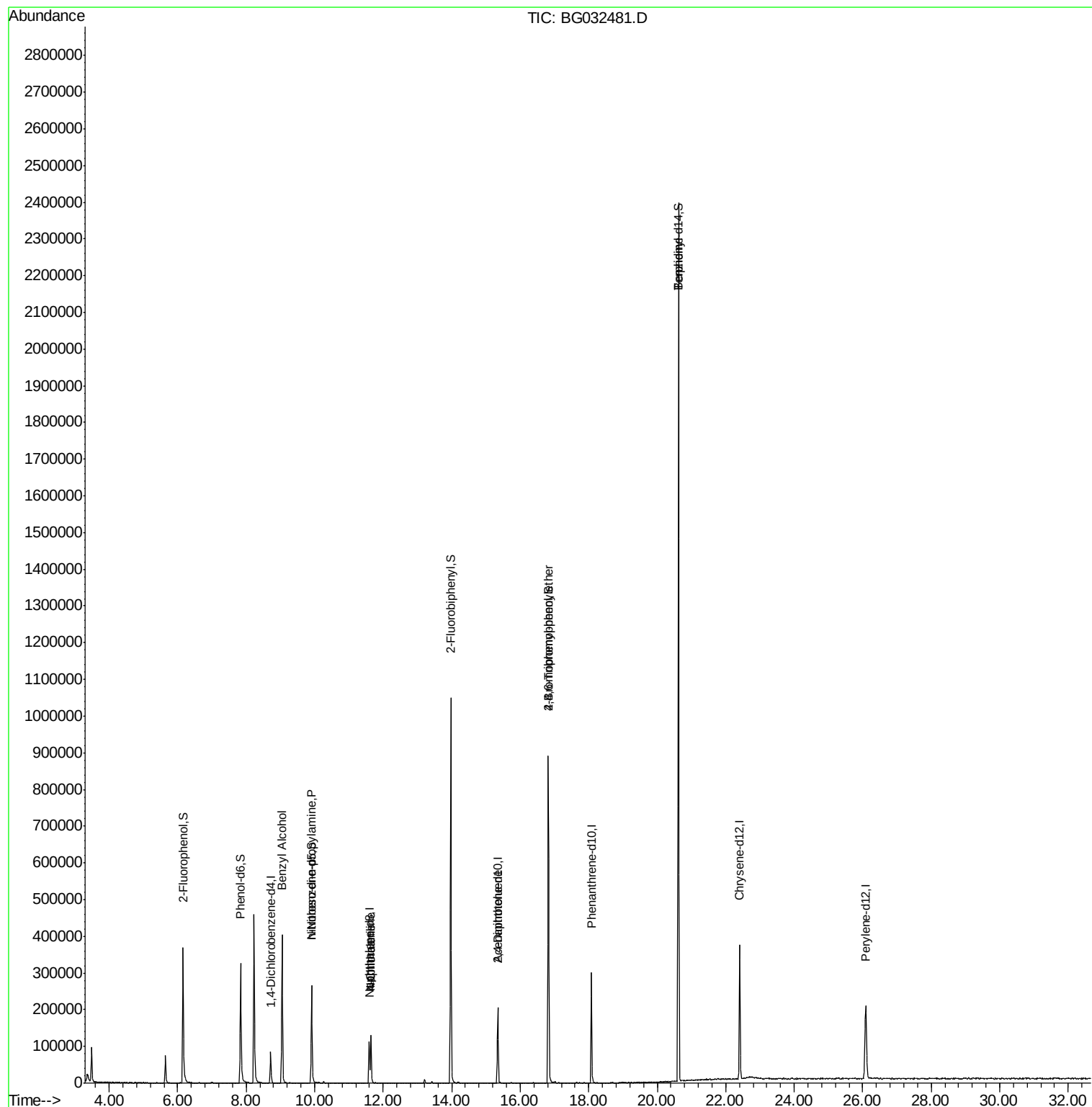
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	30559	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	117257	20.00	ng	-0.01
38) Acenaphthene-d10	15.35	164	78696	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	218298	20.00	ng	0.00
75) Chrysene-d12	22.41	240	277679	20.00	ng	0.00
86) Perylene-d12	26.09	264	293079	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	203432	133.71	ng	0.00
7) Phenol-d6	7.84	99	227153	111.89	ng	0.00
23) Nitrobenzene-d5	9.91	82	178755	95.22	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	220488	147.19	ng	0.00
44) 2-Fluorobiphenyl	13.97	172	643901	97.25	ng	-0.01
78) Terphenyl-d14	20.62	244	1333781	102.89	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.05	79	3546	2.119	ng	# 47
19) n-Nitroso-di-n-propylamine	9.91	70	25504	18.946	ng	# 75
31) Naphthalene	11.64	128	131733	23.002	ng	# 99
33) 4-Chloroaniline	11.64	127	18109	7.090	ng	# 35
56) 2,4-Dinitrotoluene	15.35	165	10356	4.776	ng	# 18
66) 4-Bromophenyl-phenylether	16.83	248	18406	5.691	ng	# 1
76) Benizidine	20.62	184	20085	3.684	ng	# 91

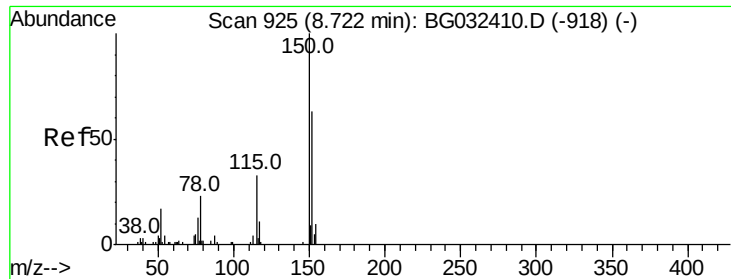
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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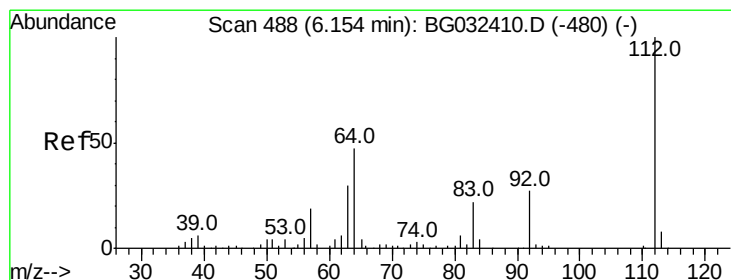
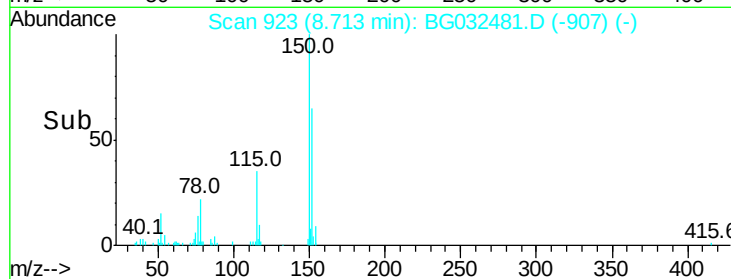
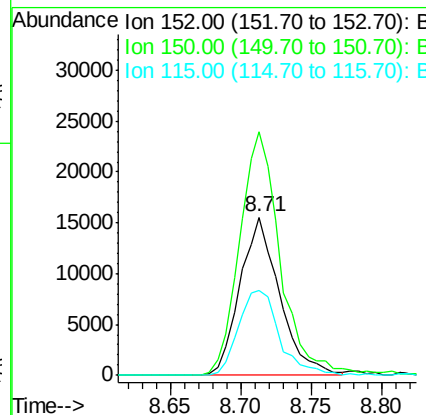
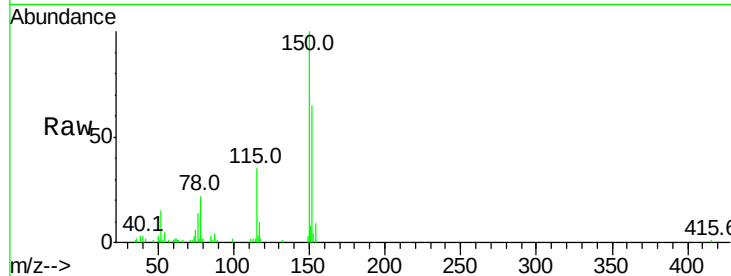


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032481.D
Acq: 1 Feb 2018 2:10

Instrument :
BNA_G
ClientSampleId :

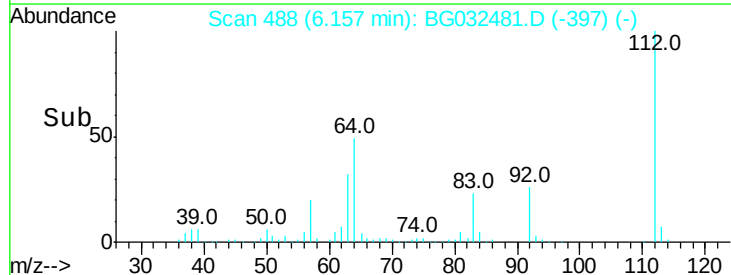
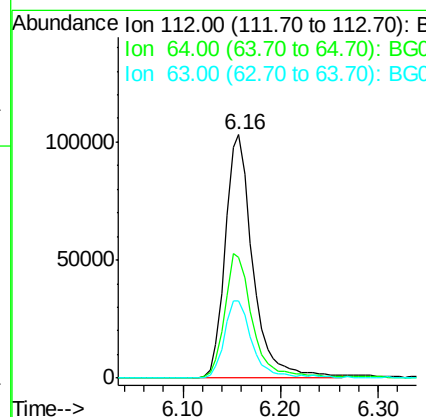
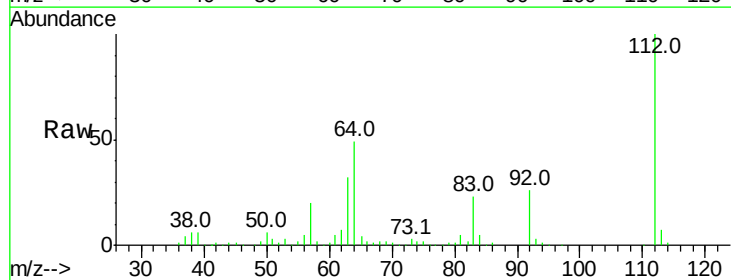
Tot Ion:152 Resp: 30559
Ion Ratio Lower Upper
152 100
150 154.0 126.6 189.8
115 54.0 53.0 79.4

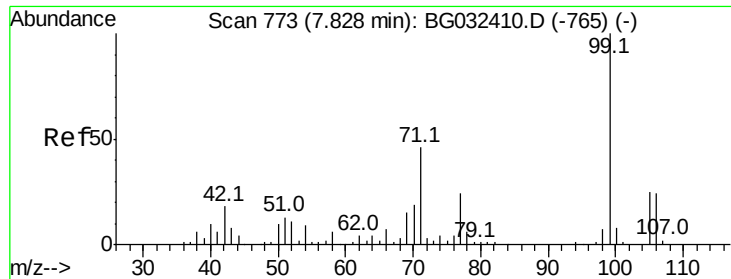


#5

2-Fluorophenol
Concen: 133.710 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032481.D
Acq: 1 Feb 2018 2:10

Tgt Ion:112 Resp: 203432
Ion Ratio Lower Upper
112 100
64 49.4 56.3 84.5#
63 31.9 30.1 45.1





#7

Phenol-d6

Concen: 111.885 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032481.D

Acq: 1 Feb 2018 2:10

Instrument :

BNA_G

ClientSampleId :

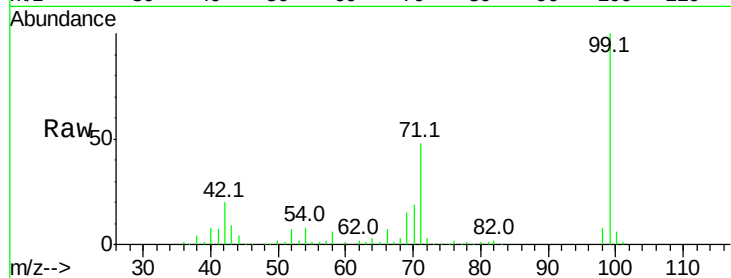
Tot Ion: 99 Resp: 227153

Ion Ratio Lower Upper

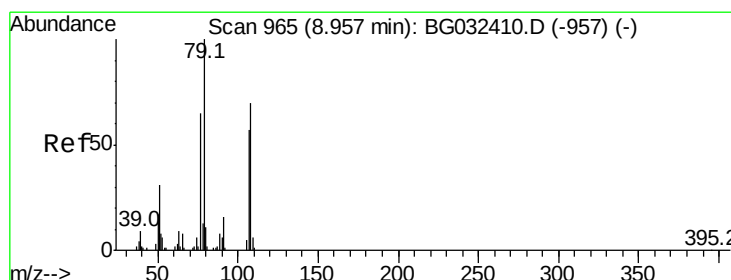
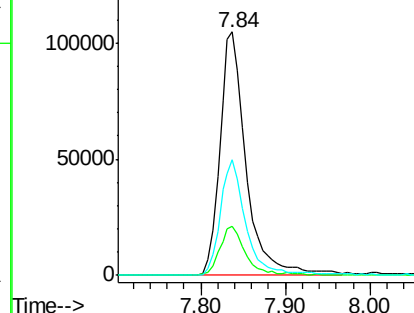
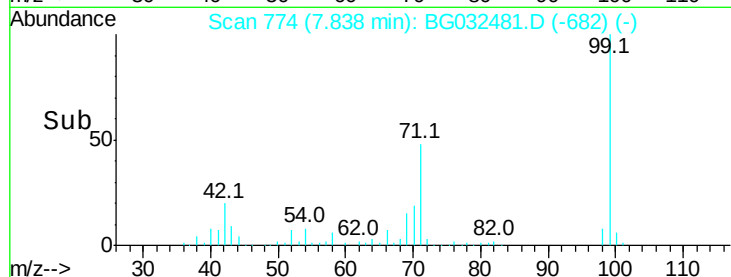
99 100

42 20.1 14.1 21.1

71 47.7 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: 2.119 ng

RT: 9.05 min Scan# 980

Delta R.T. 0.09 min

Lab File: BG032481.D

Acq: 1 Feb 2018 2:10

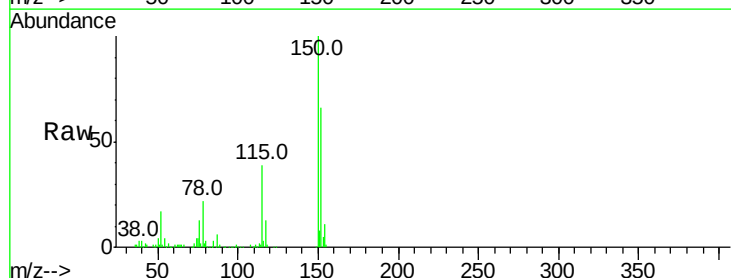
Tgt Ion: 79 Resp: 3546

Ion Ratio Lower Upper

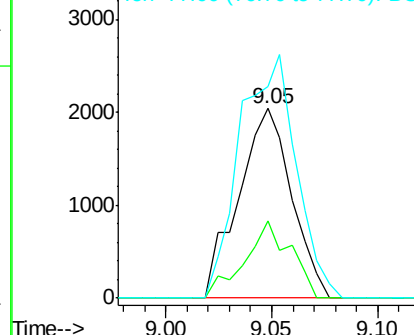
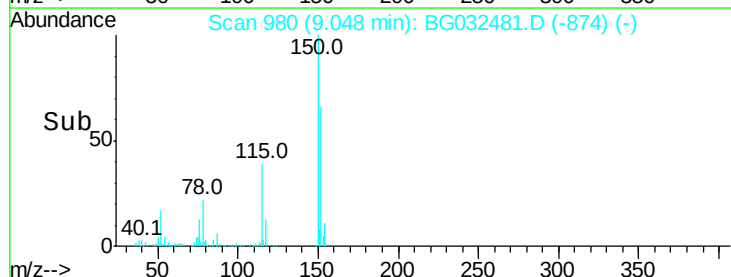
79 100

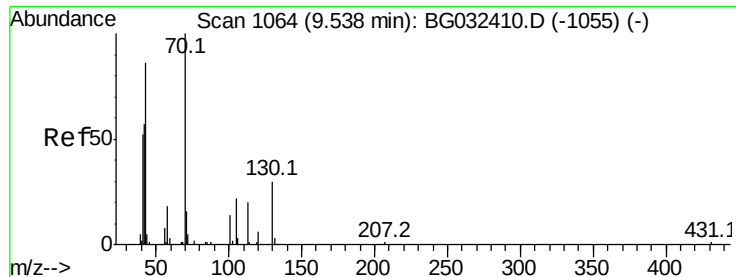
108 40.5 57.2 85.8#

77 111.3 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

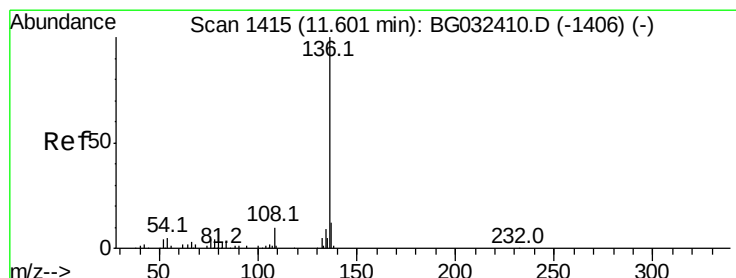
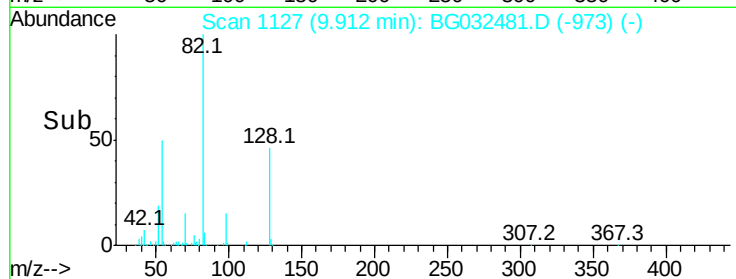
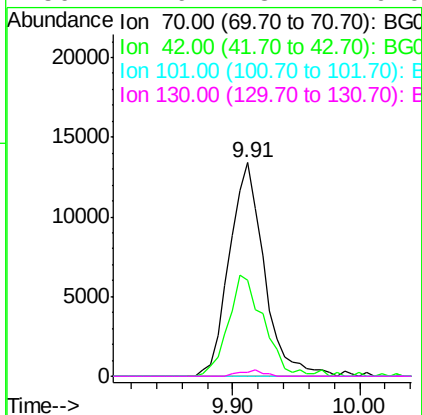
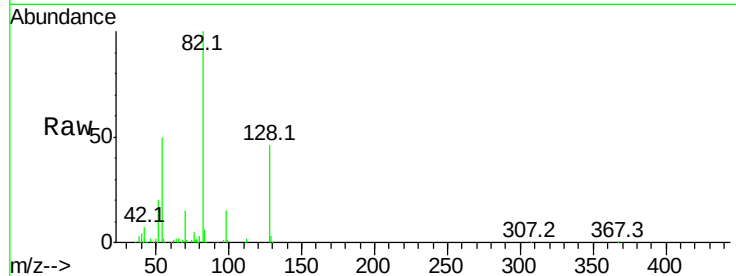




#19
n-Nitroso-di-n-propylamine
Concen: 18.946 ng
RT: 9.91 min Scan# 1127
Delta R.T. 0.37 min
Lab File: BG032481.D
Acq: 1 Feb 2018 2:10

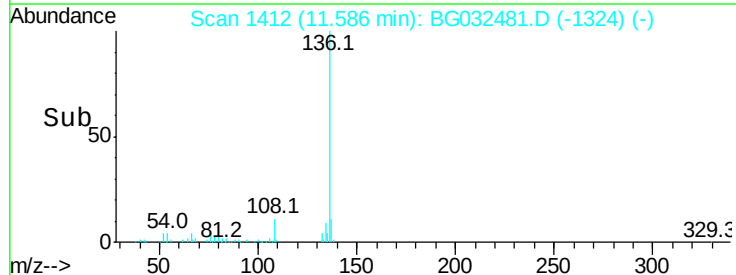
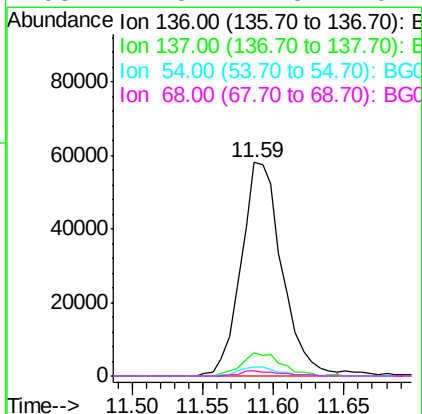
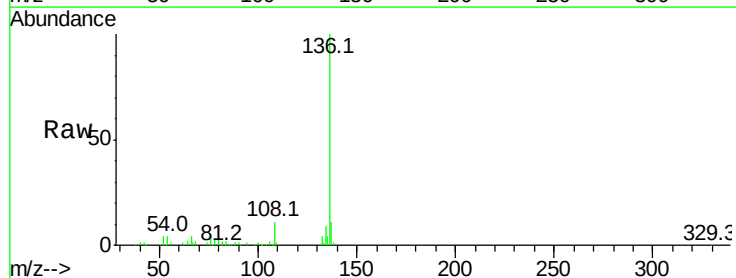
Instrument :
BNA_G
ClientSampleId :

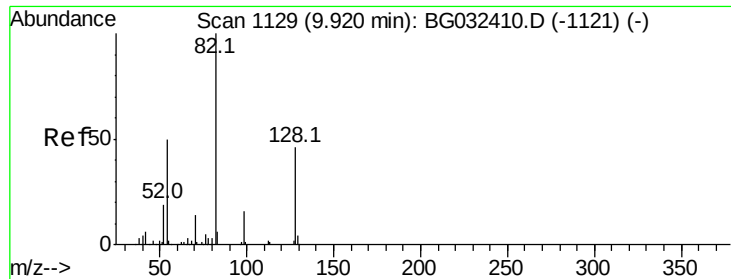
Tot Ion: 70 Resp: 25504
Ion Ratio Lower Upper
70 100
42 45.2 49.1 73.7#
101 0.0 8.5 12.7#
130 1.6 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BG032481.D
Acq: 1 Feb 2018 2:10

Tgt Ion: 136 Resp: 117257
Ion Ratio Lower Upper
136 100
137 10.5 9.2 13.8
54 4.2 10.3 15.5#
68 2.3 4.5 6.7#

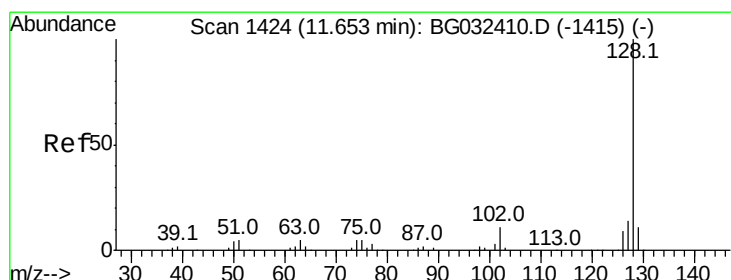
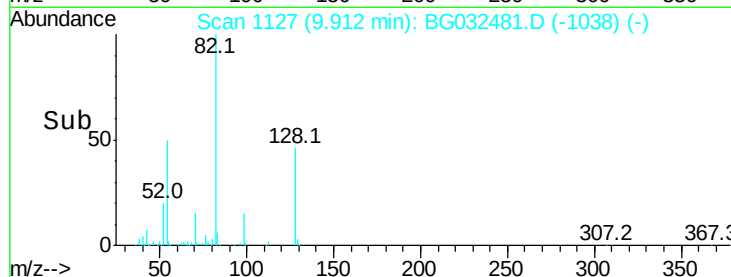
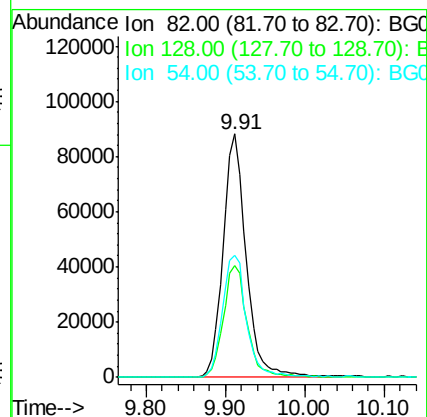
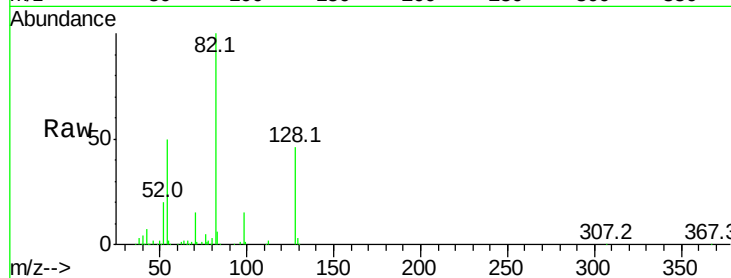




#23
Nitrobenzene-d5
Concen: 95.219 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032481.D
Acq: 1 Feb 2018 2:10

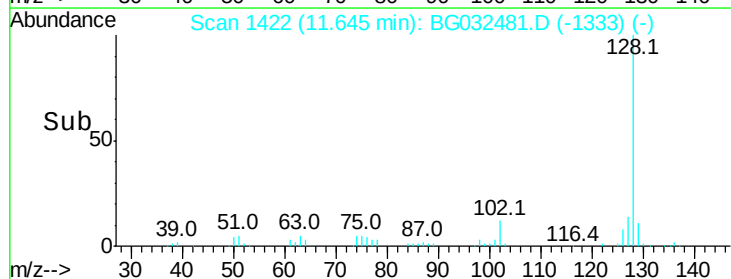
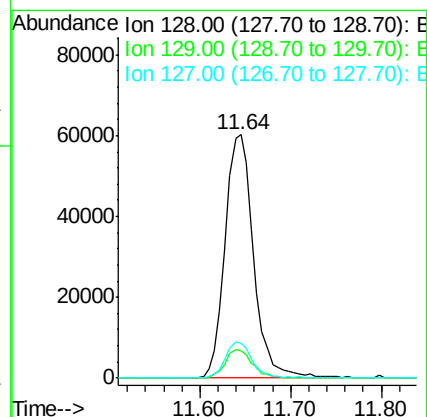
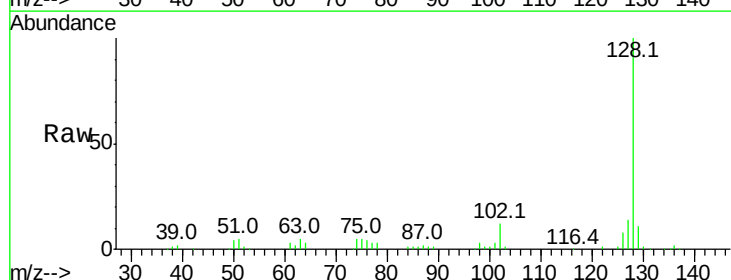
Instrument :
BNA_G
ClientSampled :

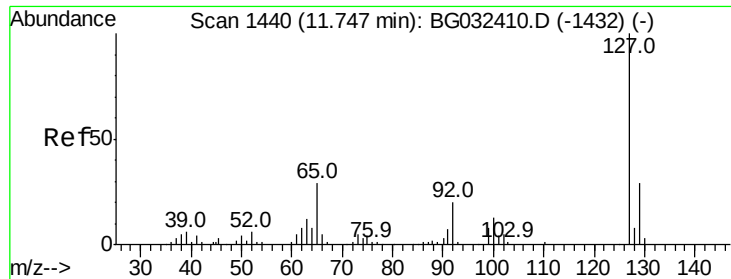
Tot Ion: 82 Resp: 178755
Ion Ratio Lower Upper
82 100
128 45.7 29.7 44.5#
54 50.0 43.1 64.7



#31
Naphthalene
Concen: 23.002 ng
RT: 11.64 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BG032481.D
Acq: 1 Feb 2018 2:10

Tgt Ion: 128 Resp: 131733
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 14.5 11.6 17.4

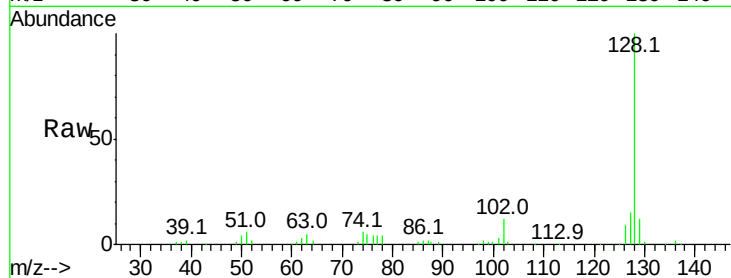




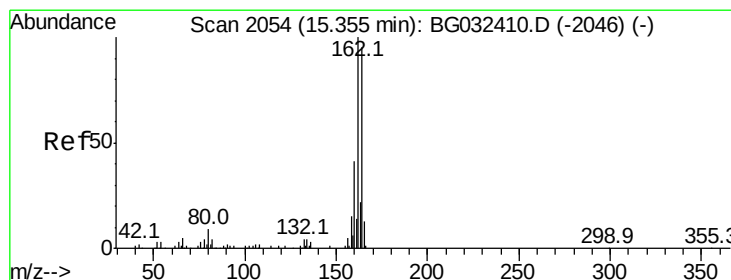
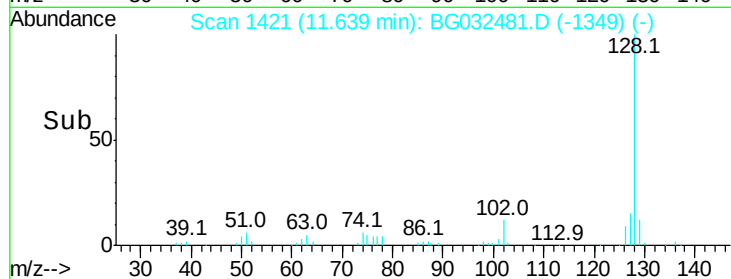
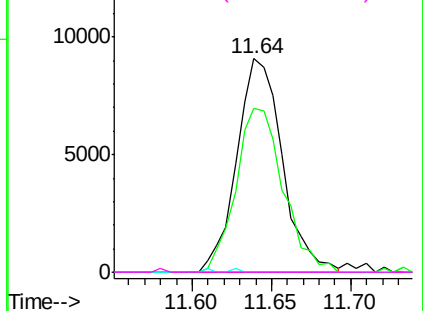
#33
4-Chloroaniline
Concen: 7.090 ng
RT: 11.64 min Scan# 1421
Delta R.T. -0.11 min
Lab File: BG032481.D
Acq: 1 Feb 2018 2:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	76.6	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#

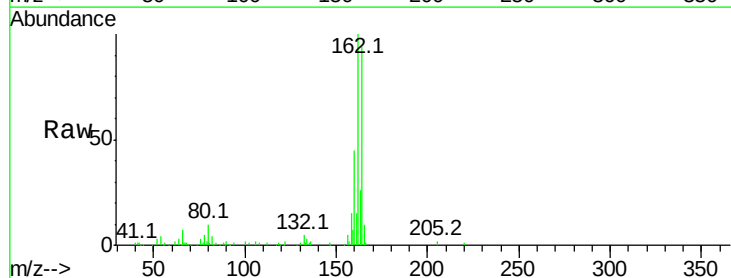


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

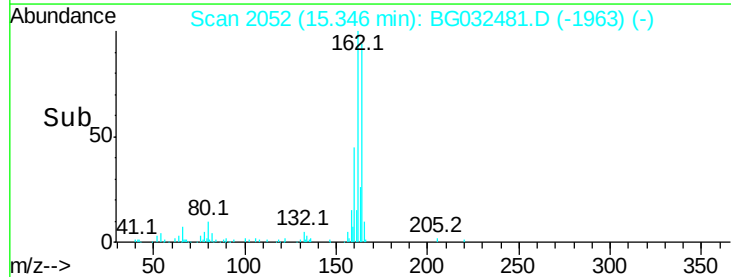
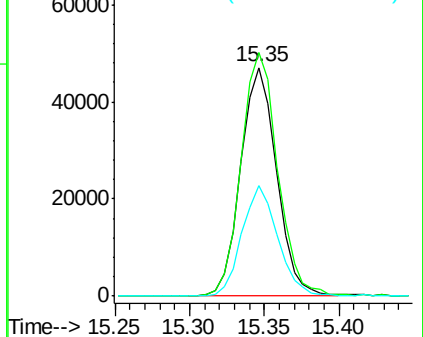


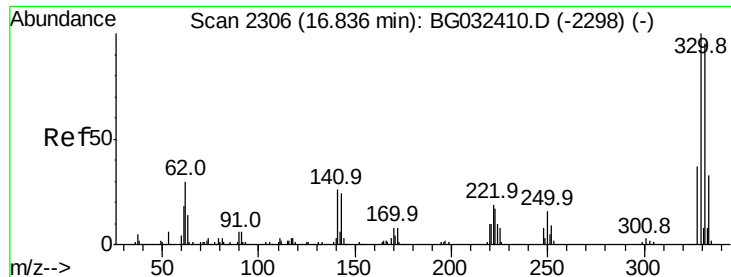
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.35 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG032481.D
Acq: 1 Feb 2018 2:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.5	78.8	118.2
160	48.2	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

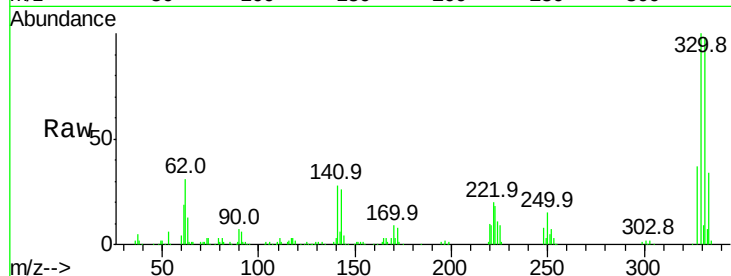




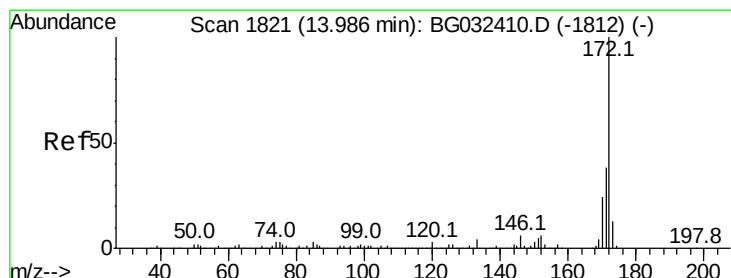
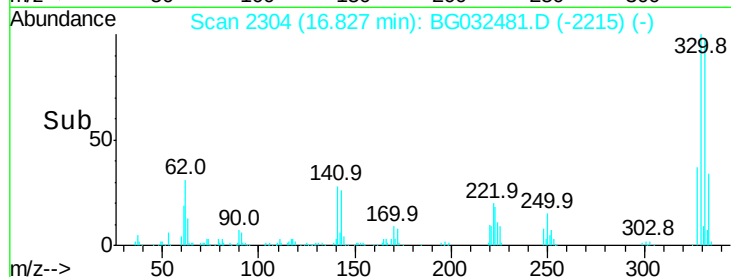
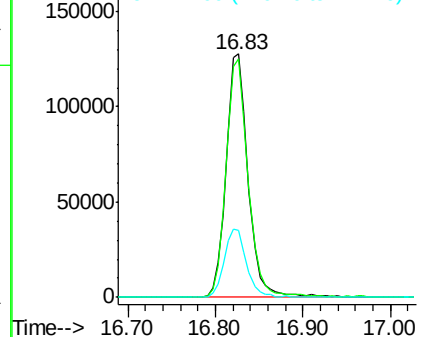
#41
 2,4,6-Tribromophenol
 Concen: 147.190 ng
 RT: 16.83 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BG032481.D
 Acq: 1 Feb 2018 2:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	28.4	25.2	37.8

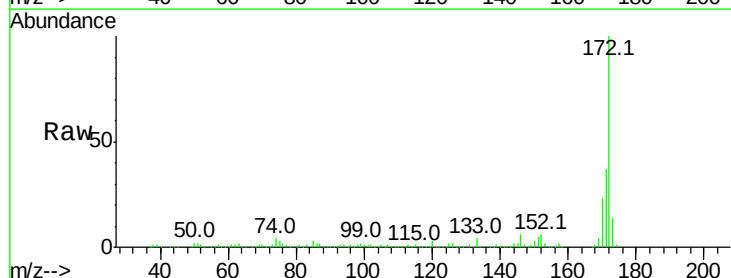


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

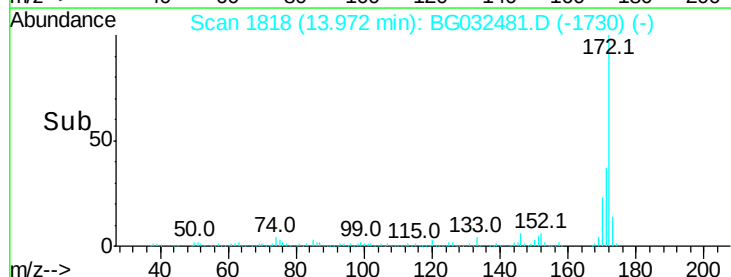
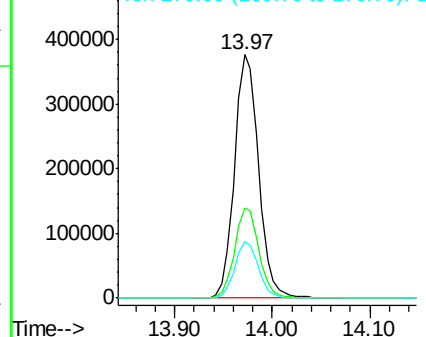


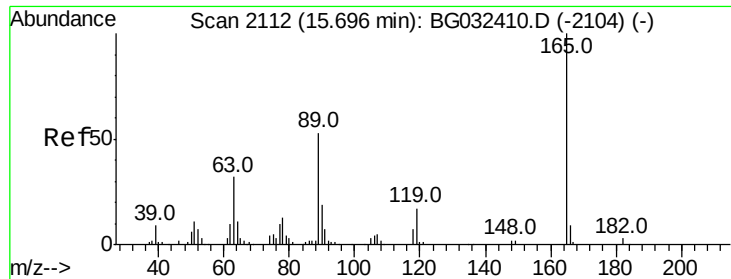
#44
 2-Fluorobiphenyl
 Concen: 97.250 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BG032481.D
 Acq: 1 Feb 2018 2:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.0	45.0
170	23.3	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

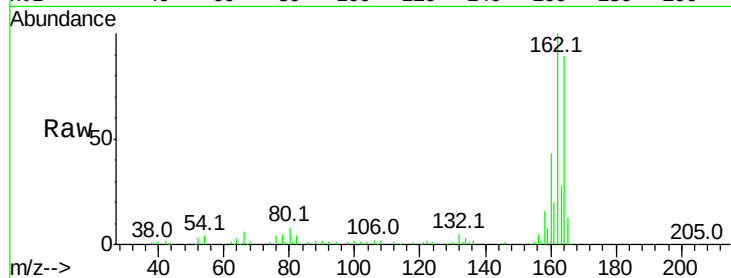




#56
 2,4-Dinitrotoluene
 Concen: 4.776 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.34 min
 Lab File: BG032481.D
 Acq: 1 Feb 2018 2:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.7	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

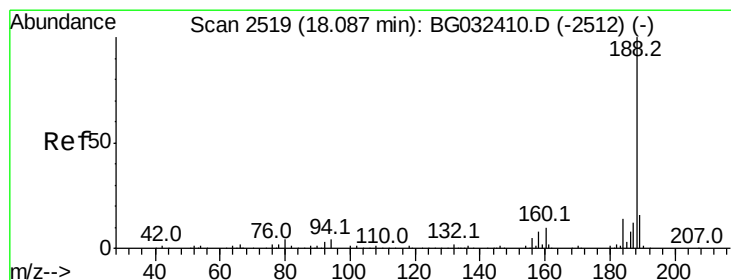
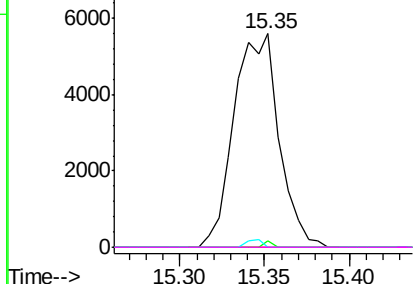
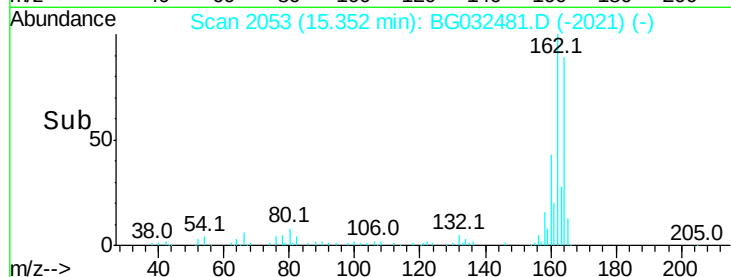


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

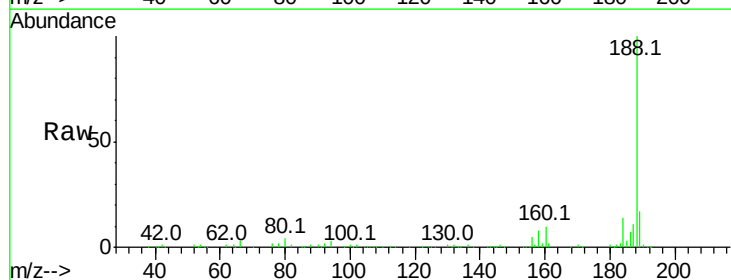
Ion 89.00 (88.70 to 89.70): BGC

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: BG032481.D
 Acq: 1 Feb 2018 2:10

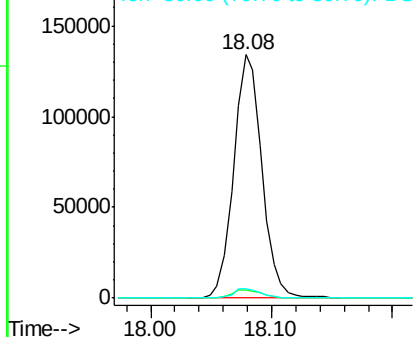
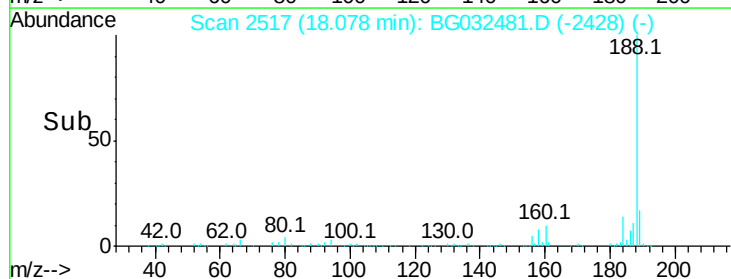
Tgt Ion	Ratio	Lower	Upper
188	100		
94	3.5	6.9	10.3#
80	4.0	7.7	11.5#

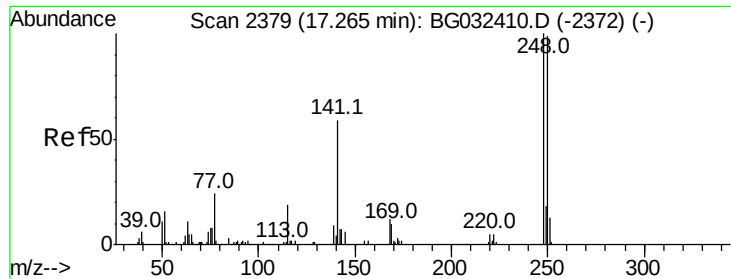


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

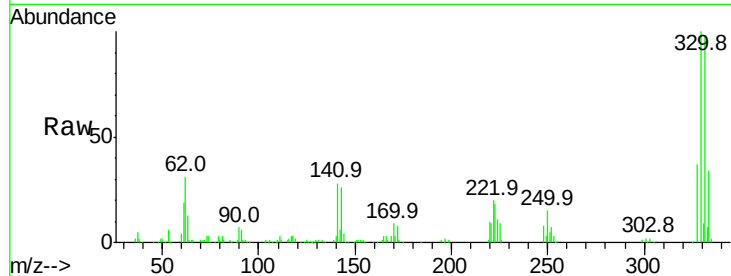




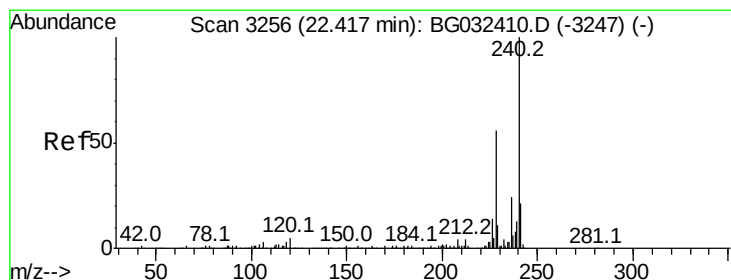
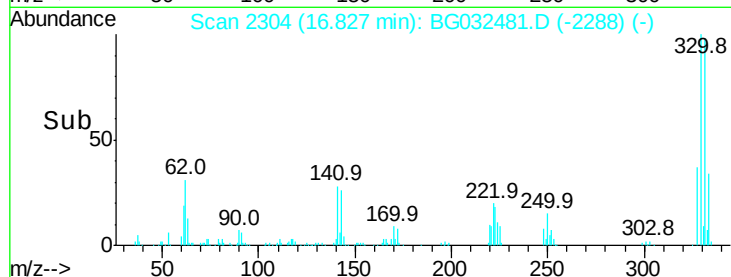
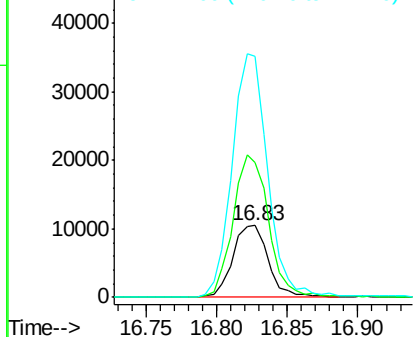
#66
 4-Bromophenyl-phenylether
 Concen: 5.691 ng
 RT: 16.83 min Scan# 2304
 Delta R.T. -0.44 min
 Lab File: BG032481.D
 Acq: 1 Feb 2018 2:10

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 18406
 Ion Ratio Lower Upper
 248 100
 250 187.9 77.1 115.7#
 141 336.0 50.8 76.2#

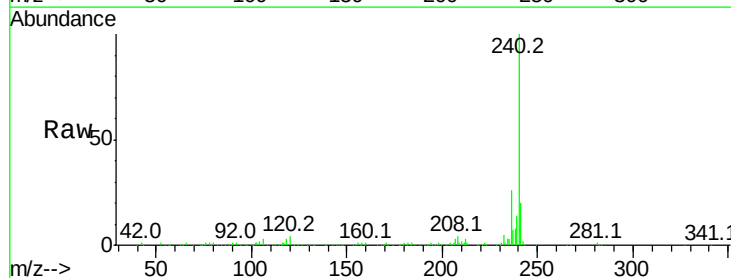


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

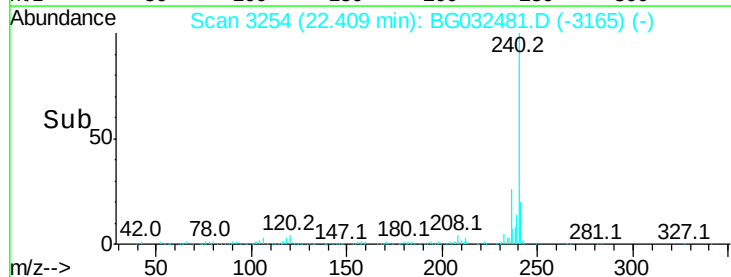
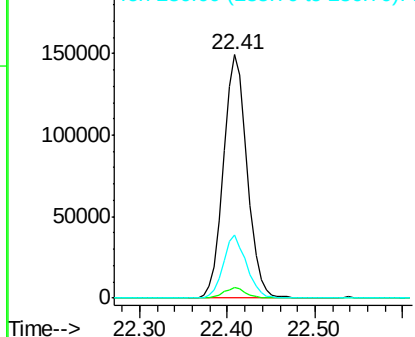


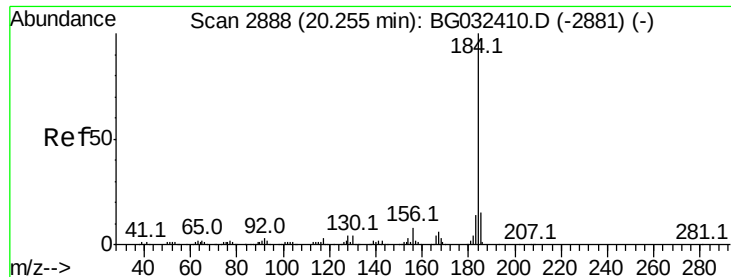
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.41 min Scan# 3254
 Delta R.T. -0.01 min
 Lab File: BG032481.D
 Acq: 1 Feb 2018 2:10

Tgt Ion:240 Resp: 277679
 Ion Ratio Lower Upper
 240 100
 120 4.1 6.8 10.2#
 236 25.8 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: 3.684 ng

RT: 20.62 min Scan# 2949

Delta R.T. 0.36 min

Lab File: BG032481.D

Acq: 1 Feb 2018 2:10

Instrument :

BNA_G

ClientSampleId :

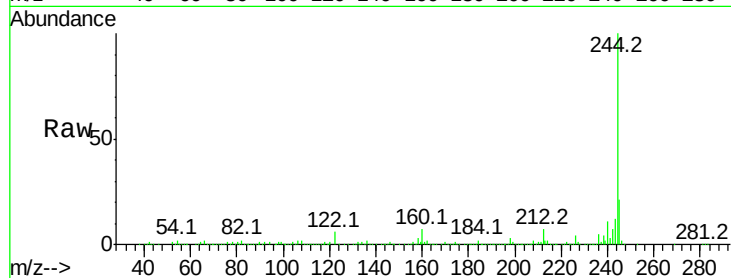
Tot Ion:184 Resp: 20085

Ion Ratio Lower Upper

184 100

185 14.9 11.1 16.7

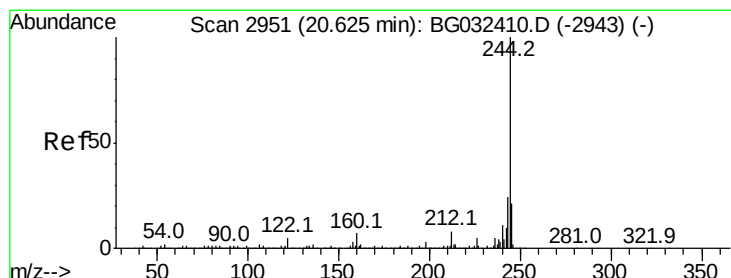
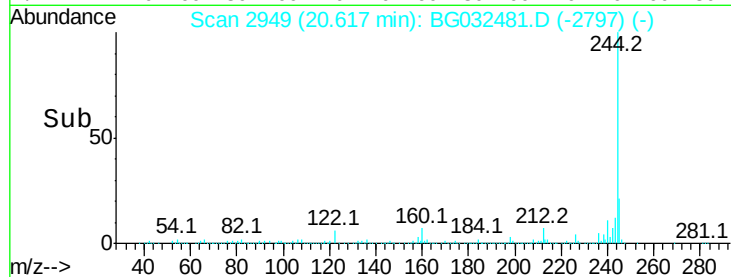
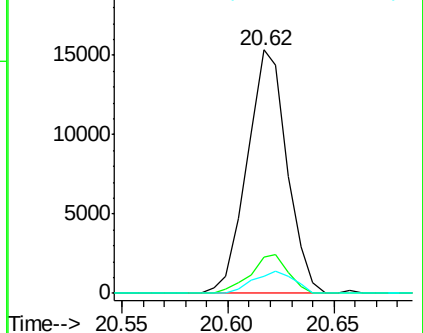
183 7.1 10.6 16.0#



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: 102.891 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.00 min

Lab File: BG032481.D

Acq: 1 Feb 2018 2:10

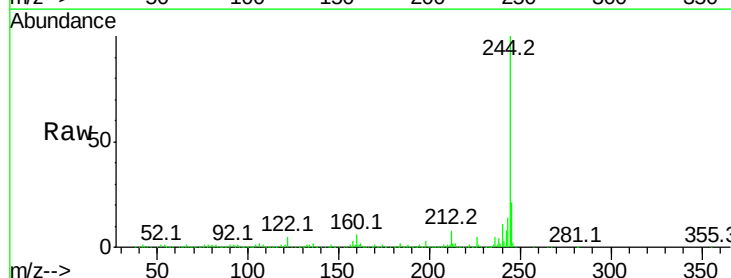
Tgt Ion:244 Resp: 1333781

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

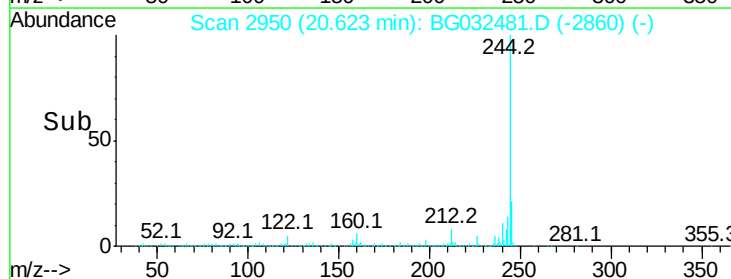
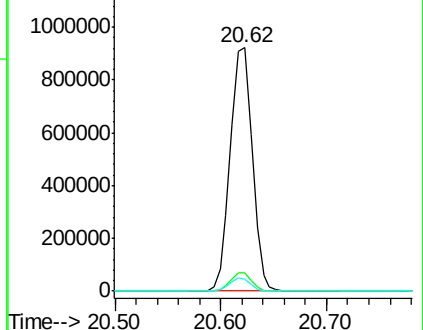
122 5.1 7.0 10.4#

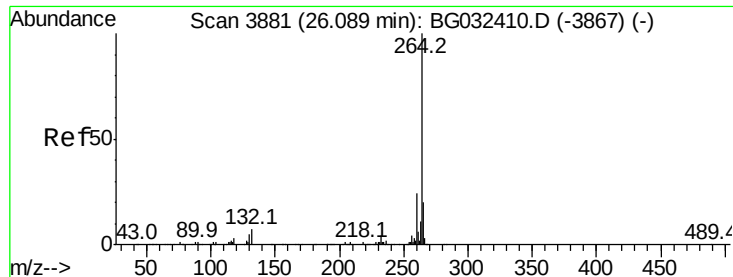


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.09 min Scan# 3880
 Delta R.T. -0.00 min
 Lab File: BG032481.D
 Acq: 1 Feb 2018 2:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	22.5	17.7	26.5

