

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020118\
 Data File : BG032489.D
 Acq On : 1 Feb 2018 14:34
 Operator : SJ/JU
 Sample : J1014-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 01 17:40:48 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

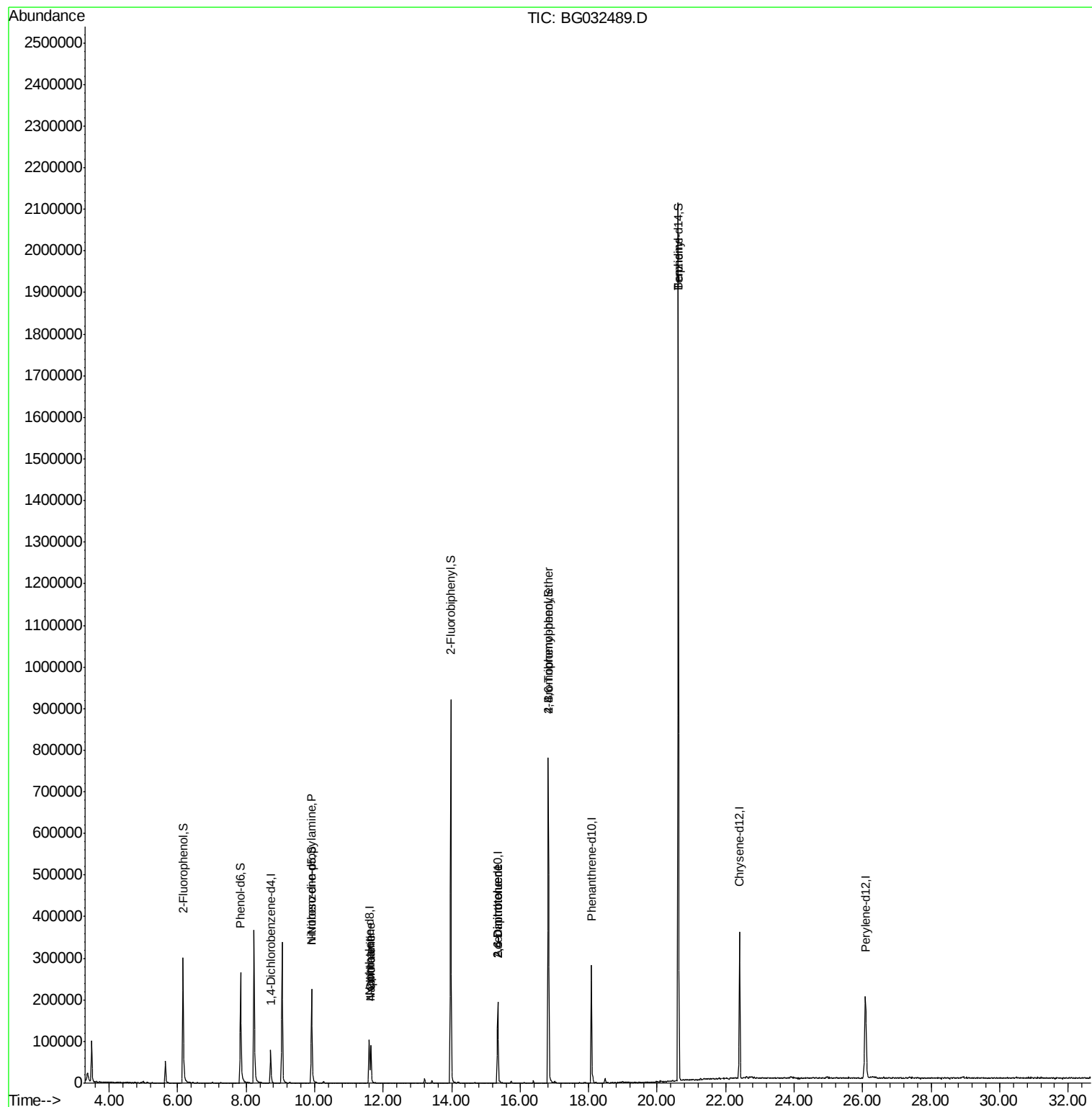
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	29939	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	110760	20.00	ng	0.00
38) Acenaphthene-d10	15.34	164	78996	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	209581	20.00	ng	0.00
75) Chrysene-d12	22.40	240	267675	20.00	ng	-0.01
86) Perylene-d12	26.08	264	286770	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	172048	115.42	ng	0.00
7) Phenol-d6	7.84	99	186329	93.68	ng	0.00
23) Nitrobenzene-d5	9.91	82	147908	83.41	ng	0.00
41) 2,4,6-Tribromophenol	16.82	330	195406	129.95	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	555887	83.64	ng	-0.01
78) Terphenyl-d14	20.62	244	1108386	88.70	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.91	70	22395	16.981	ng	# 78
31) Naphthalene	11.65	128	92063	17.018	ng	# 98
33) 4-Chloroaniline	11.65	127	13021	5.397	ng	# 42
50) 2,6-Dinitrotoluene	15.35	165	10744	7.028	ng	# 18
56) 2,4-Dinitrotoluene	15.35	165	10744	4.936	ng	# 16
66) 4-Bromophenyl-phenylether	16.83	248	16374	5.274	ng	# 1
76) Benzidine	20.62	184	16108	3.065	ng	97

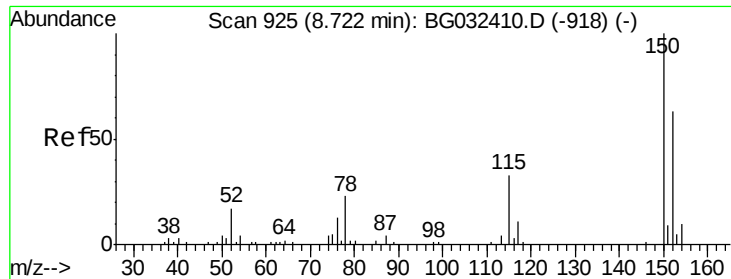
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020118\
Data File : BG032489.D
Acq On : 1 Feb 2018 14:34
Operator : SJ/JU
Sample : J1014-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 01 17:40:48 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



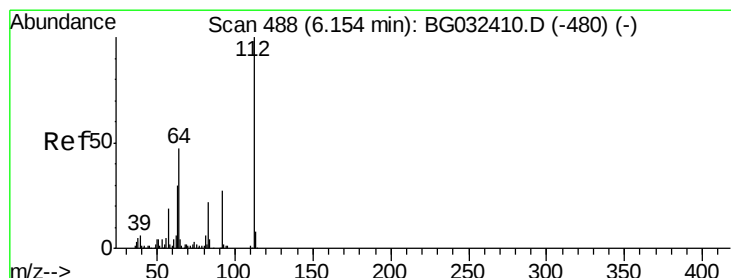
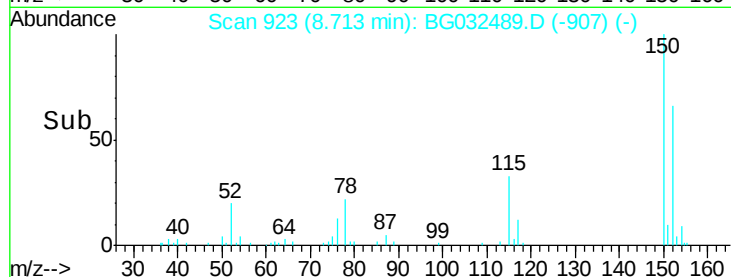
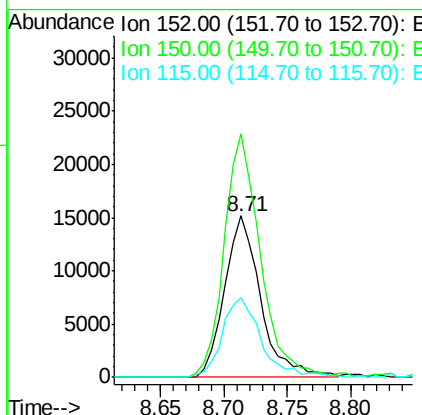
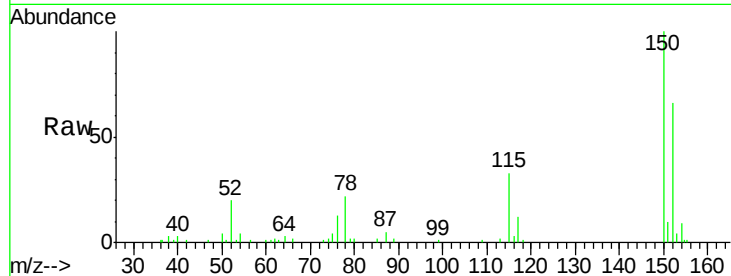


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032489.D
Acq: 1 Feb 2018 14:34

Instrument :
BNA_G
ClientSampleId :

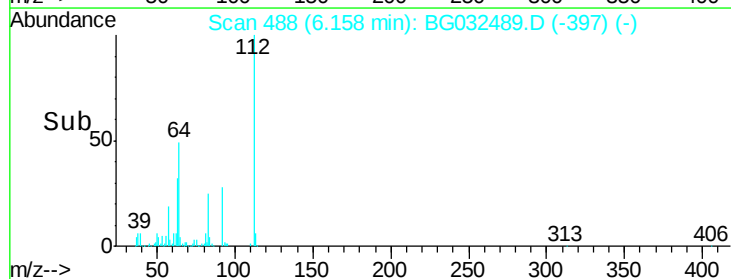
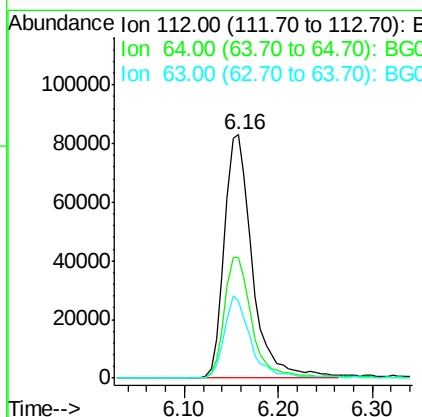
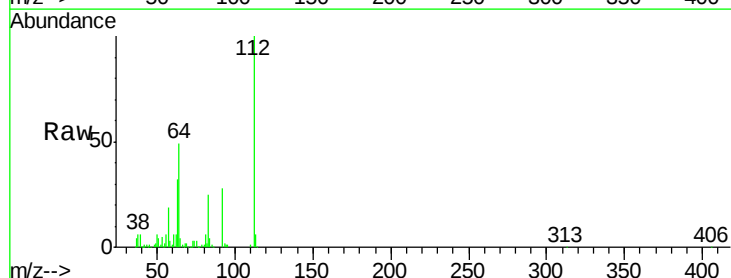
Tot Ion:152 Resp: 29939
Ion Ratio Lower Upper
152 100
150 150.9 126.6 189.8
115 49.5 53.0 79.4#

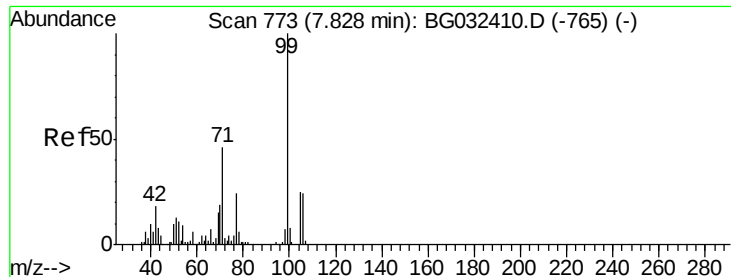


#5

2-Fluorophenol
Concen: 115.424 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032489.D
Acq: 1 Feb 2018 14:34

Tgt Ion:112 Resp: 172048
Ion Ratio Lower Upper
112 100
64 49.5 56.3 84.5#
63 31.8 30.1 45.1





#7

Phenol-d6

Concen: 93.678 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032489.D

Acq: 1 Feb 2018 14:34

Instrument :

BNA_G

ClientSampled :

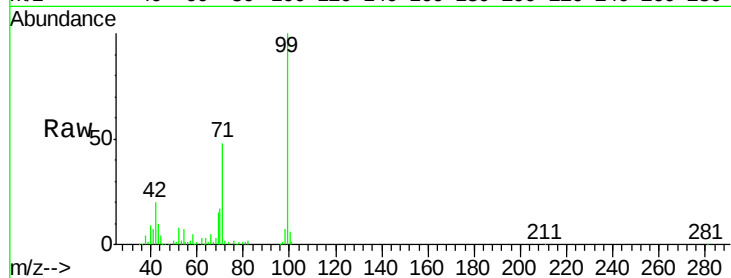
Tot Ion: 99 Resp: 186329

Ion Ratio Lower Upper

99 100

42 20.3 14.1 21.1

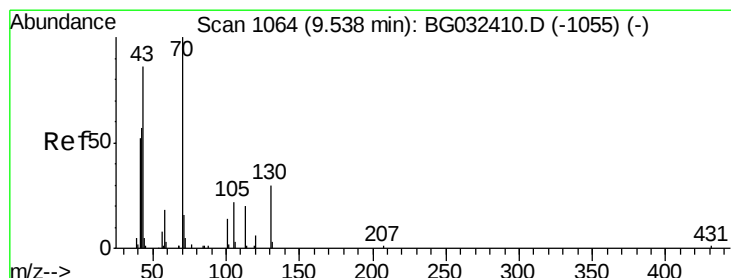
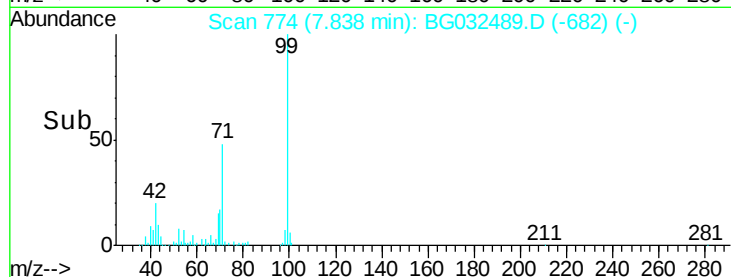
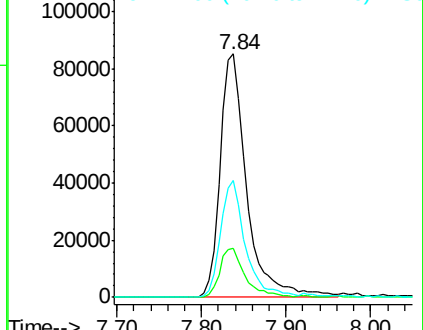
71 48.2 26.1 39.1#



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.981 ng

RT: 9.91 min Scan# 1127

Delta R.T. 0.37 min

Lab File: BG032489.D

Acq: 1 Feb 2018 14:34

Tgt Ion: 70 Resp: 22395

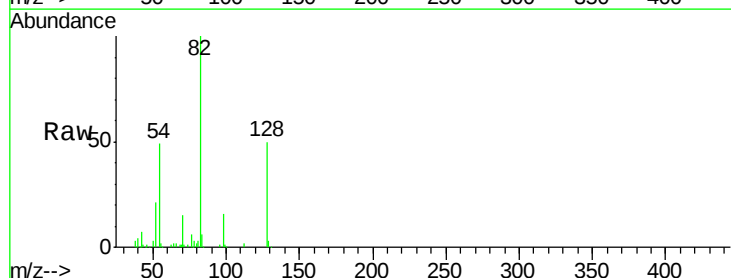
Ion Ratio Lower Upper

70 100

42 47.2 49.1 73.7#

101 0.0 8.5 12.7#

130 2.6 13.4 20.0#

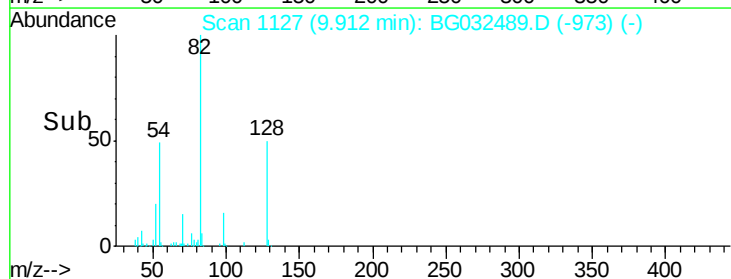
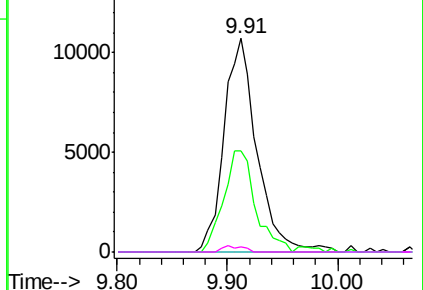


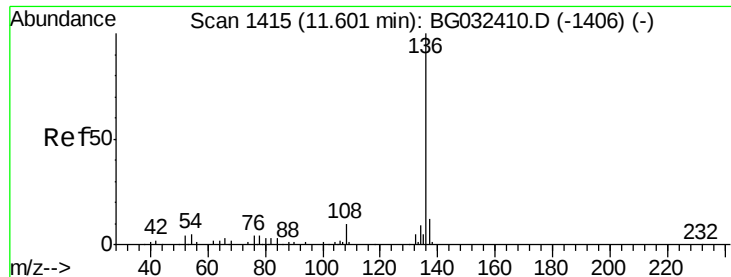
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

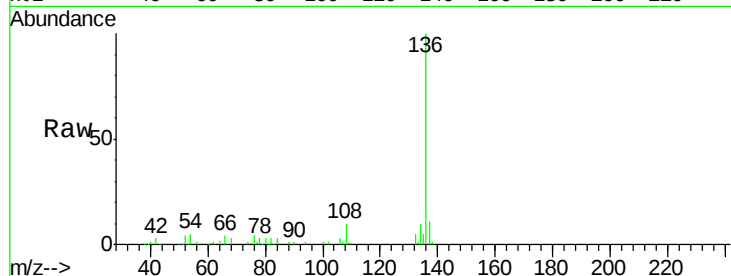




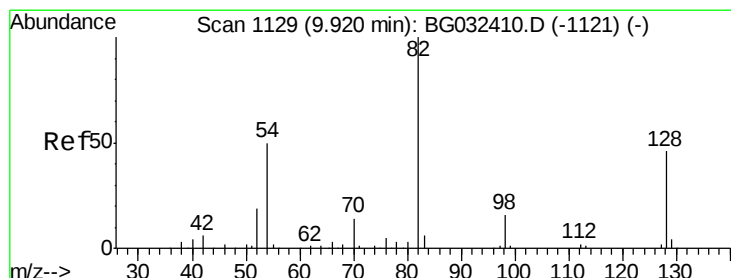
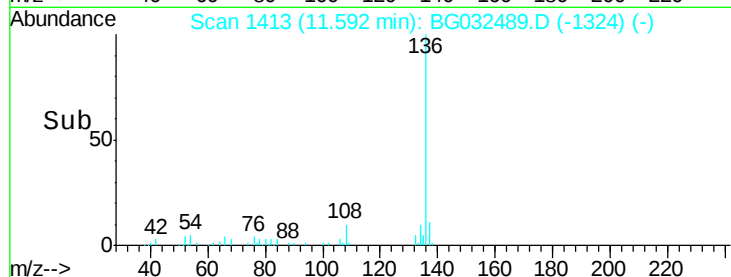
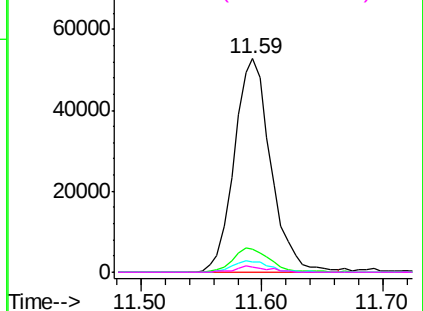
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG032489.D
Acq: 1 Feb 2018 14:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	110760
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.2 13.8
54	4.5	10.3 15.5#
68	2.6	4.5 6.7#

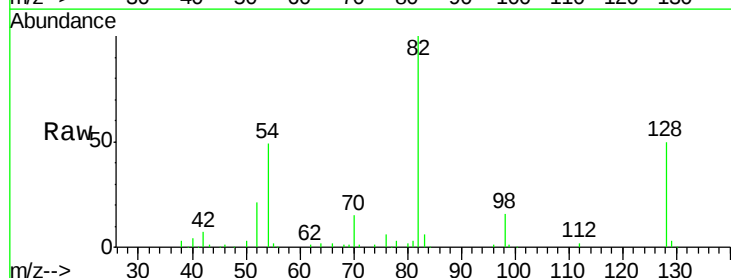


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

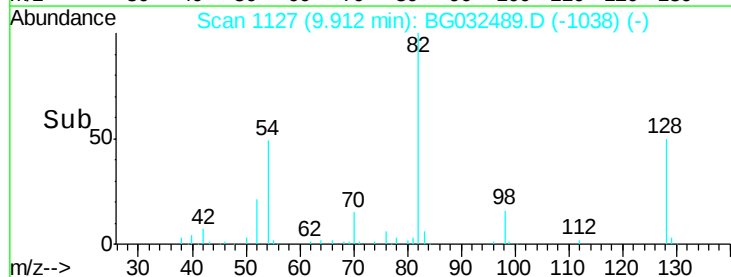
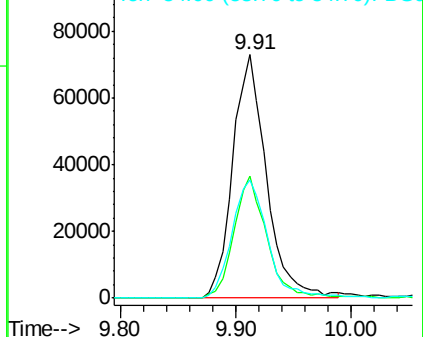


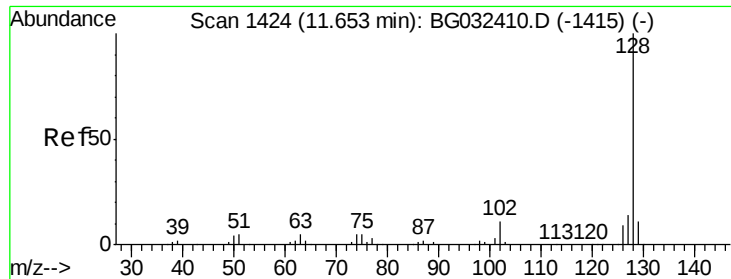
#23
Nitrobenzene-d5
Concen: 83.409 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032489.D
Acq: 1 Feb 2018 14:34

Tgt Ion: 82	Resp:	147908
Ion Ratio	Lower	Upper
82	100	
128	50.2	29.7 44.5#
54	48.6	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

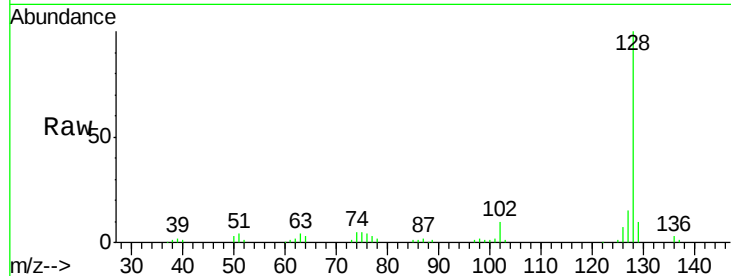




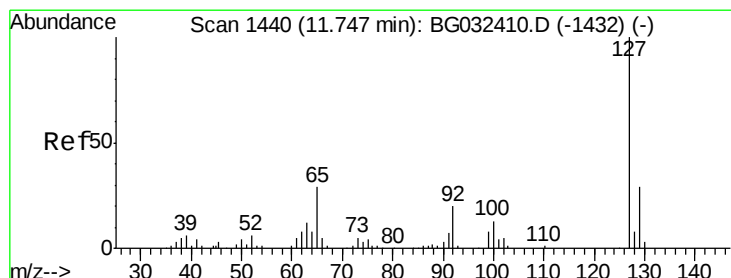
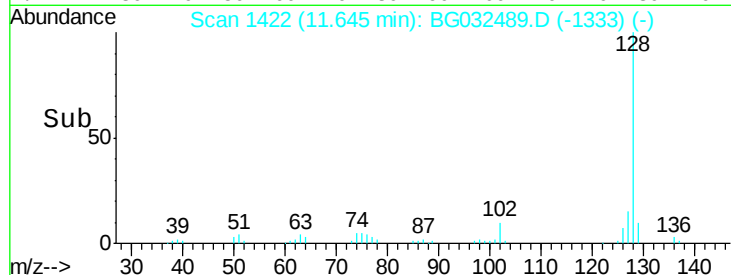
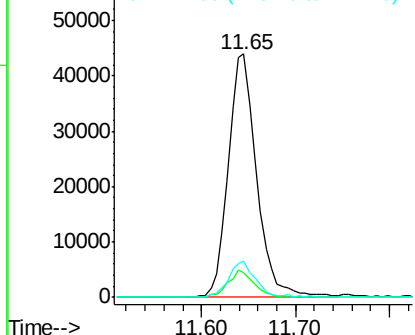
#31
Naphthalene
Concen: 17.018 ng
RT: 11.65 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BG032489.D
Acq: 1 Feb 2018 14:34

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 92063
Ion Ratio Lower Upper
128 100
129 9.9 8.6 12.8
127 15.1 11.6 17.4

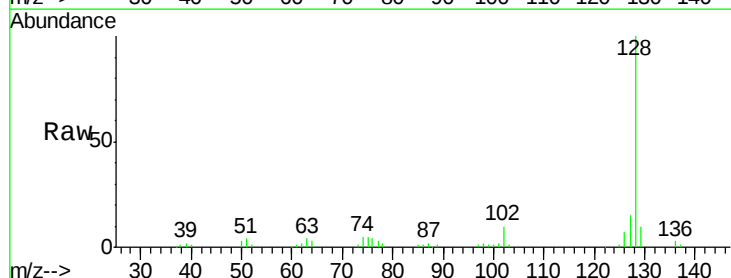


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

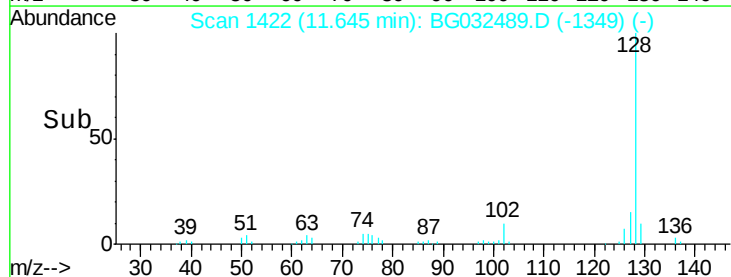
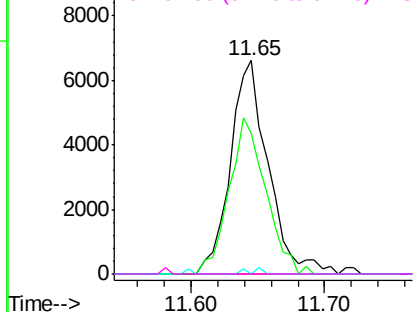


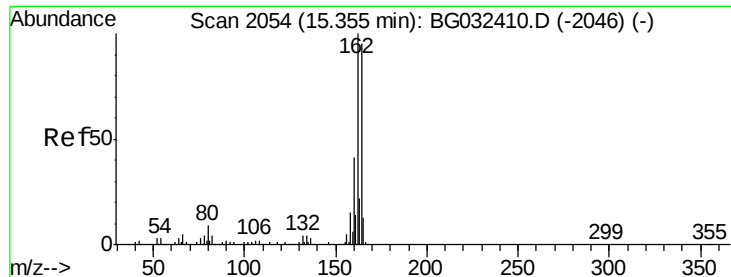
#33
4-Chloroaniline
Concen: 5.397 ng
RT: 11.65 min Scan# 1422
Delta R.T. -0.10 min
Lab File: BG032489.D
Acq: 1 Feb 2018 14:34

Tgt Ion:127 Resp: 13021
Ion Ratio Lower Upper
127 100
129 65.9 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: 15.34 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BG032489.D

Acq: 1 Feb 2018 14:34

Instrument :

BNA_G

ClientSampleId :

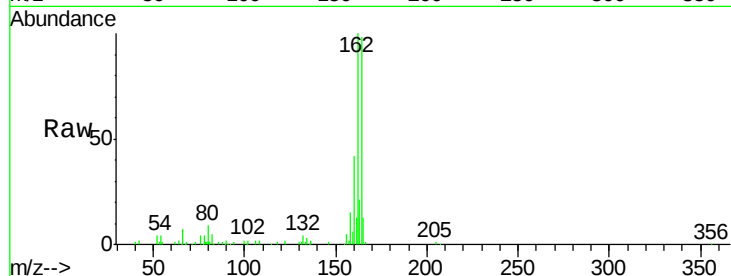
Tot Ion:164 Resp: 78996

Ion Ratio Lower Upper

164 100

162 101.6 78.8 118.2

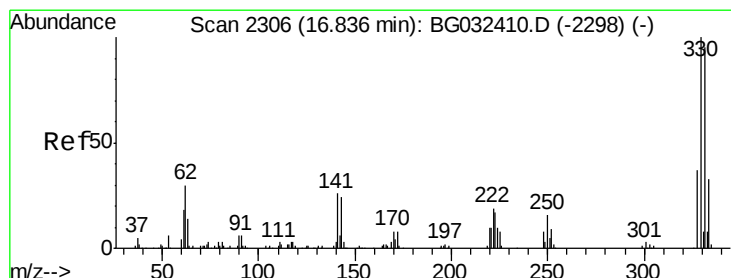
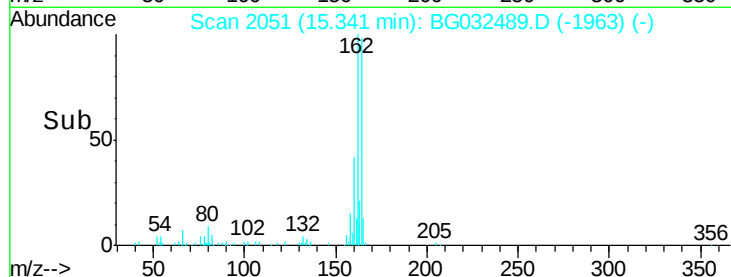
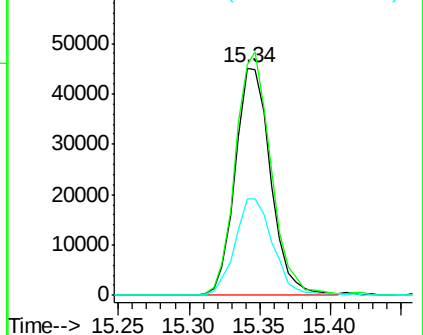
160 42.3 35.4 53.0



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: 129.951 ng

RT: 16.82 min Scan# 2303

Delta R.T. -0.01 min

Lab File: BG032489.D

Acq: 1 Feb 2018 14:34

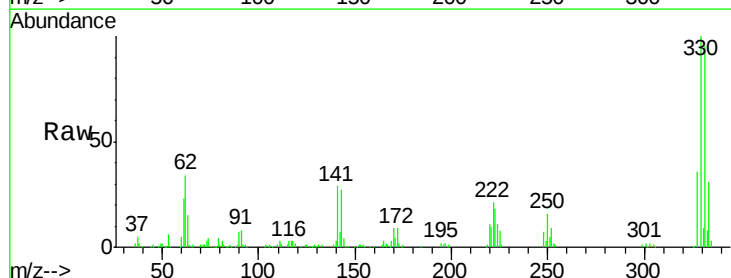
Tgt Ion:330 Resp: 195406

Ion Ratio Lower Upper

330 100

332 98.3 77.0 115.6

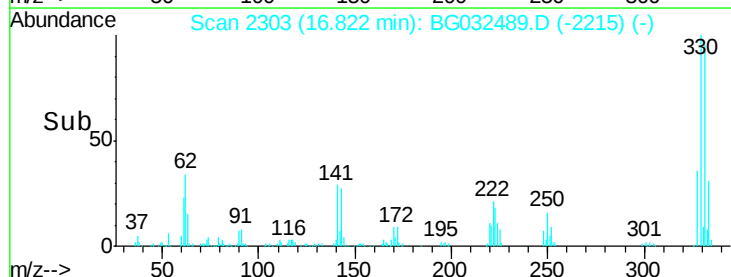
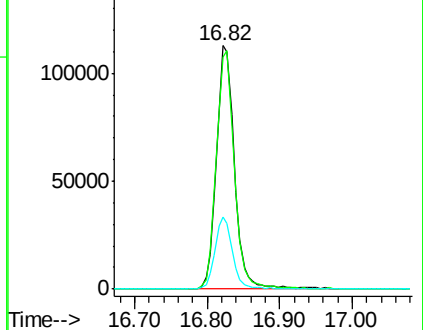
141 28.5 25.2 37.8

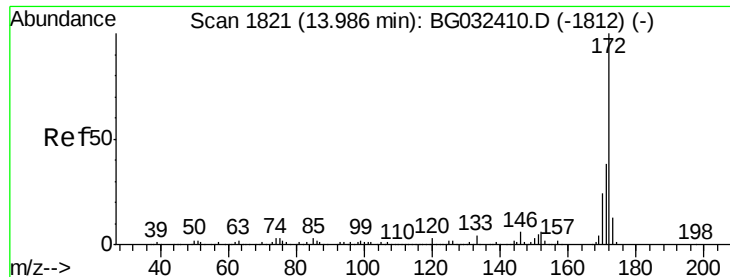


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

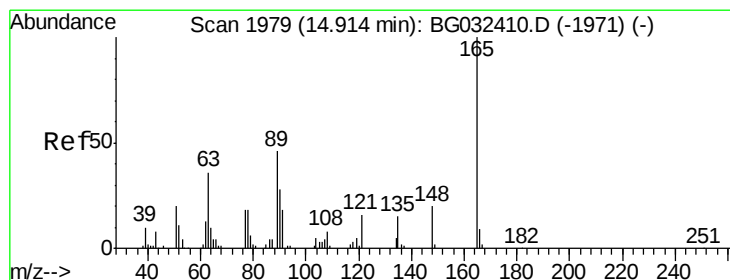
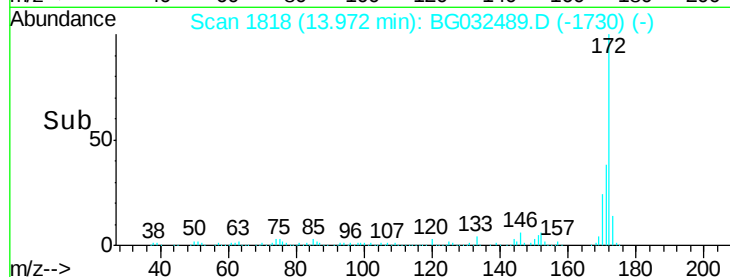
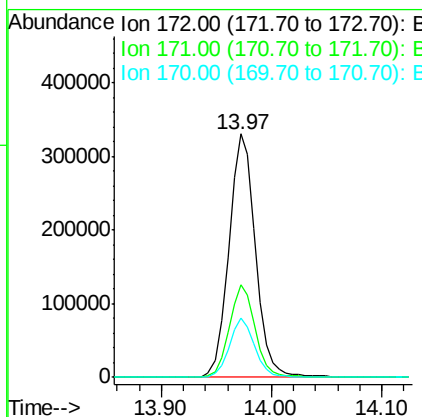
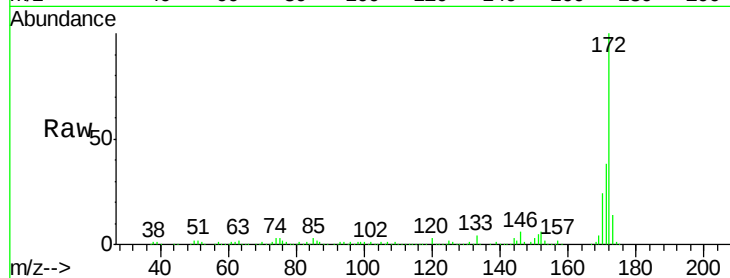




#44
2-Fluorobiphenyl
Concen: 83.638 ng
RT: 13.97 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BG032489.D
Acq: 1 Feb 2018 14:34

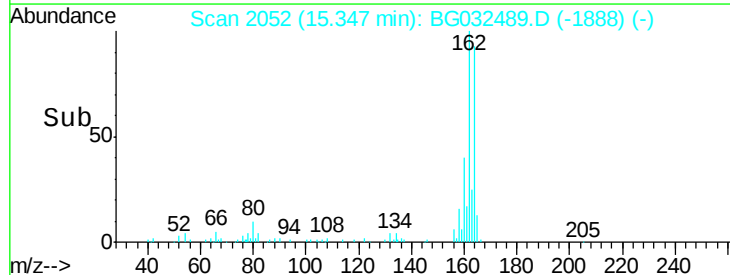
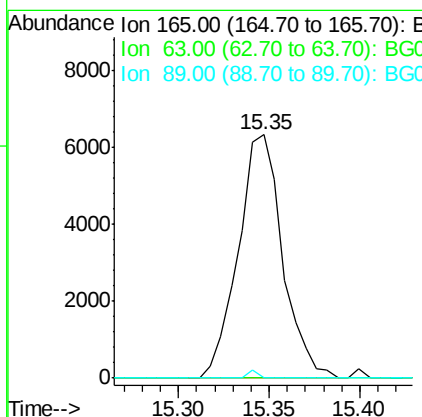
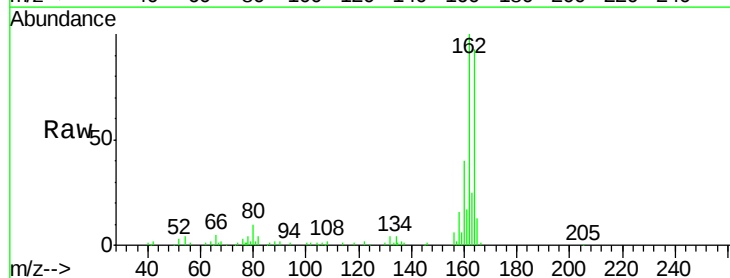
Instrument :
BNA_G
ClientSampleId :

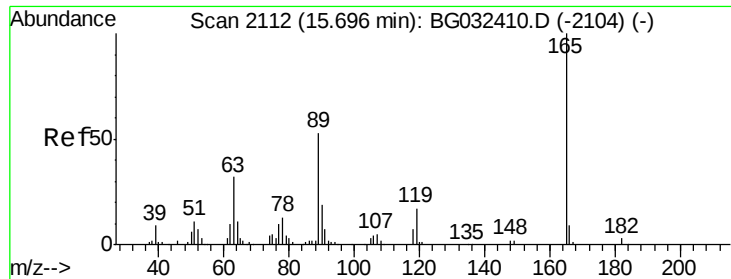
Tot Ion:172 Resp: 555887
Ion Ratio Lower Upper
172 100
171 38.1 30.0 45.0
170 24.1 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 7.028 ng
RT: 15.35 min Scan# 2052
Delta R.T. 0.43 min
Lab File: BG032489.D
Acq: 1 Feb 2018 14:34

Tgt Ion:165 Resp: 10744
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 0.0 49.2 73.8#

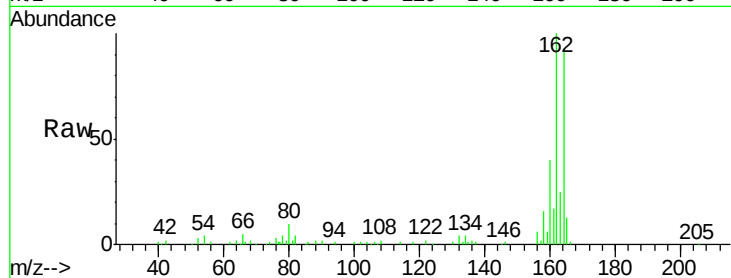




#56
 2,4-Dinitrotoluene
 Concen: 4.936 ng
 RT: 15.35 min Scan# 2052
 Delta R.T. -0.35 min
 Lab File: BG032489.D
 Acq: 1 Feb 2018 14:34

Instrument :
 BNA_G
 ClientSampleId :

Tot 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#

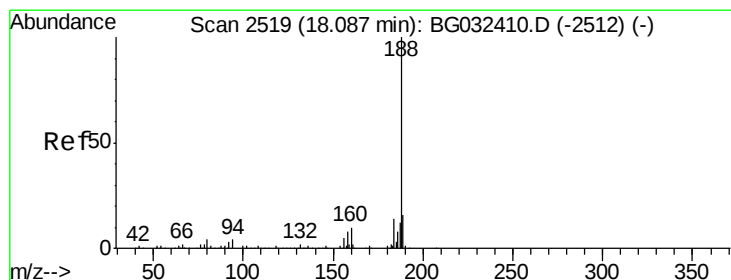
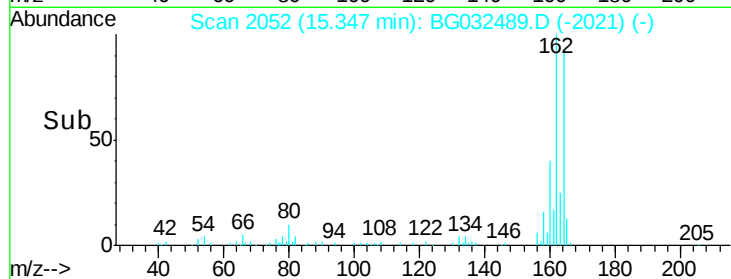
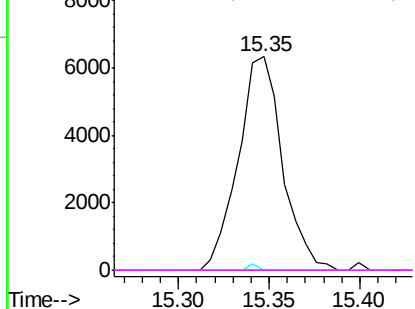


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

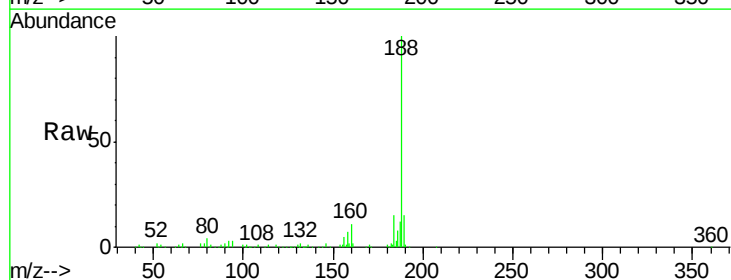
Ion 89.00 (88.70 to 89.70): BGC

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: BG032489.D
 Acq: 1 Feb 2018 14:34

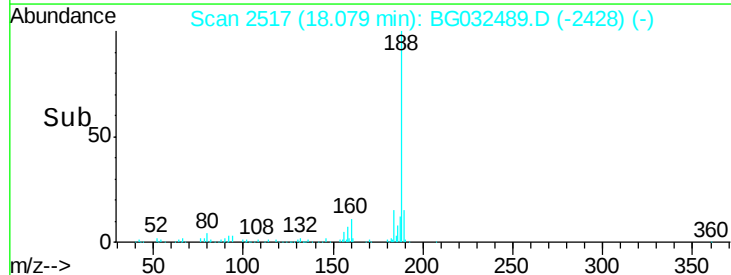
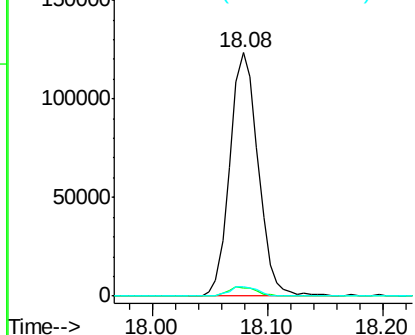
Tgt Ion	Ratio	Lower	Upper
188	100		
94	3.3	6.9	10.3#
80	4.0	7.7	11.5#

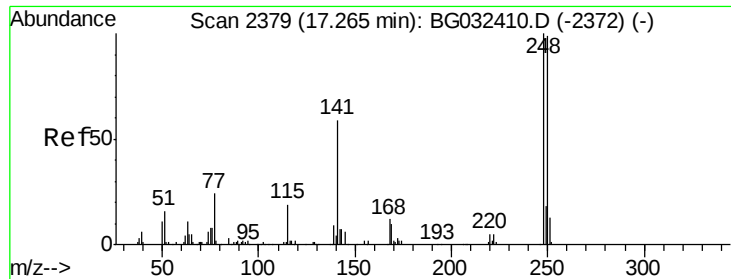


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

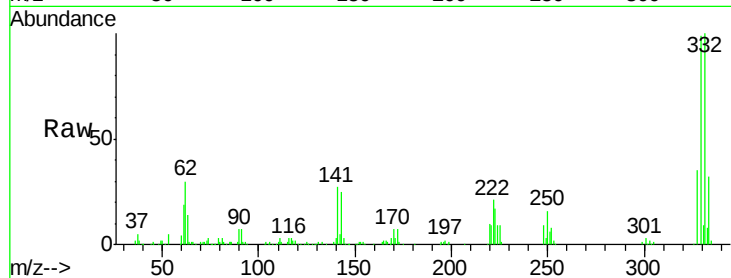




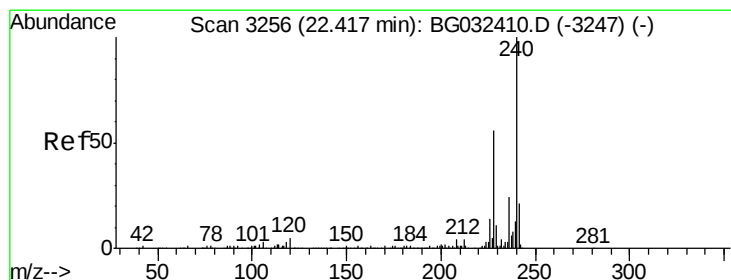
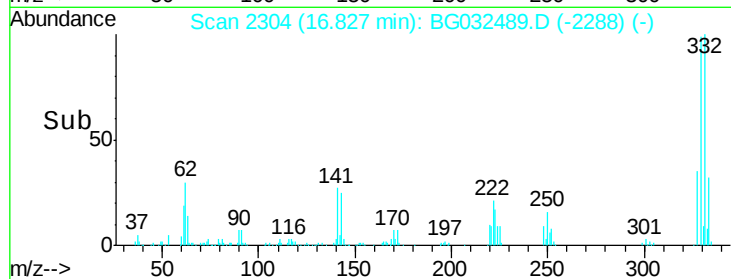
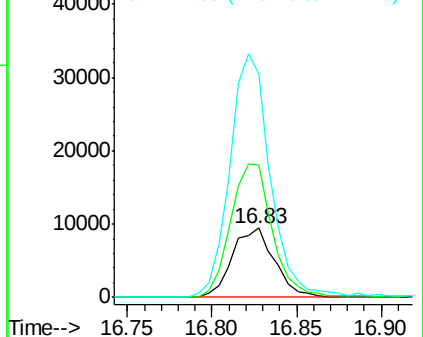
#66
4-Bromophenyl-phenylether
Concen: 5.274 ng
RT: 16.83 min Scan# 2304
Delta R.T. -0.44 min
Lab File: BG032489.D
Acq: 1 Feb 2018 14:34

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 16374
Ion Ratio Lower Upper
248 100
250 191.5 77.1 115.7#
141 322.6 50.8 76.2#

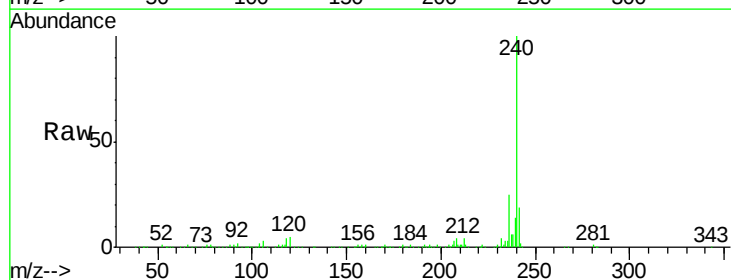


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

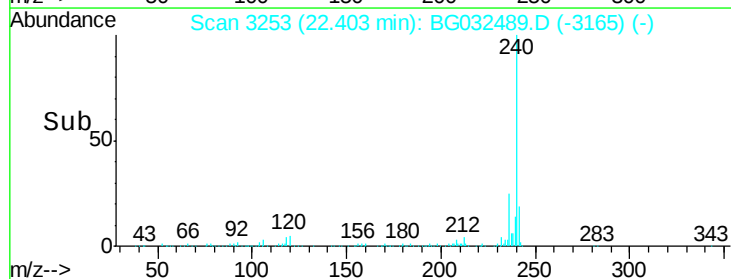
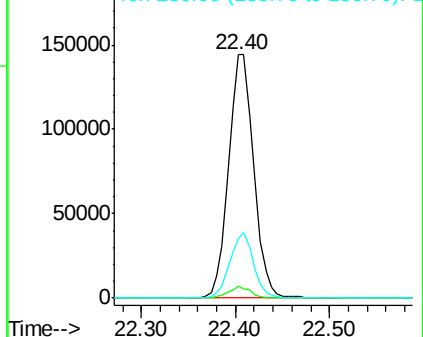


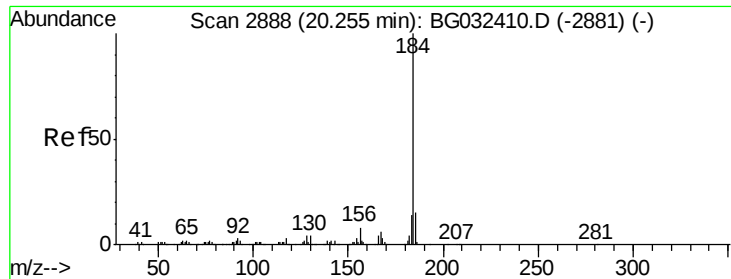
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.40 min Scan# 3253
Delta R.T. -0.01 min
Lab File: BG032489.D
Acq: 1 Feb 2018 14:34

Tgt Ion:240 Resp: 267675
Ion Ratio Lower Upper
240 100
120 4.8 6.8 10.2#
236 24.5 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

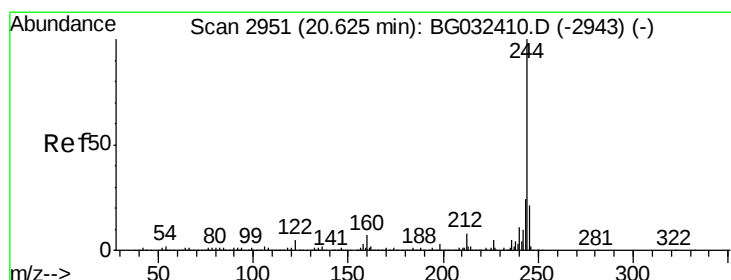
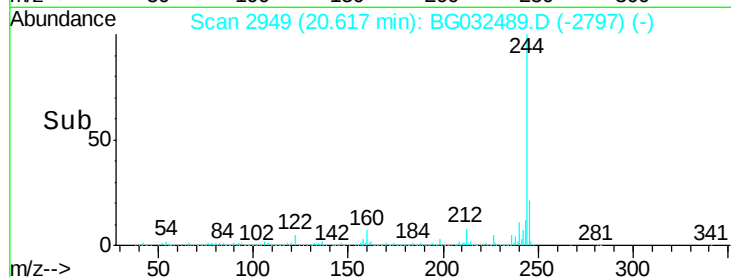
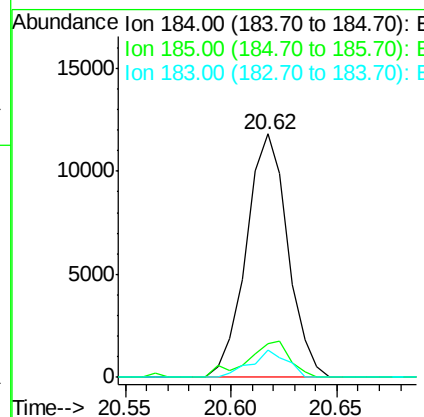
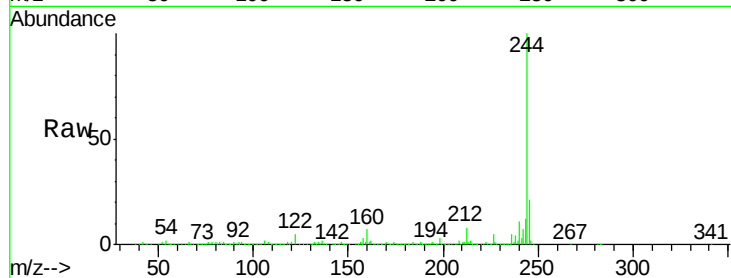




#76
Benzidine
Concen: 3.065 ng
RT: 20.62 min Scan# 2949
Delta R.T. 0.36 min
Lab File: BG032489.D
Acq: 1 Feb 2018 14:34

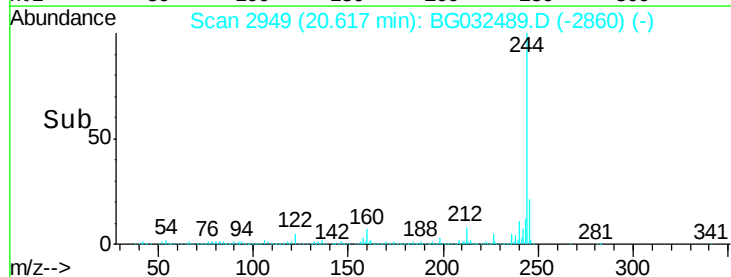
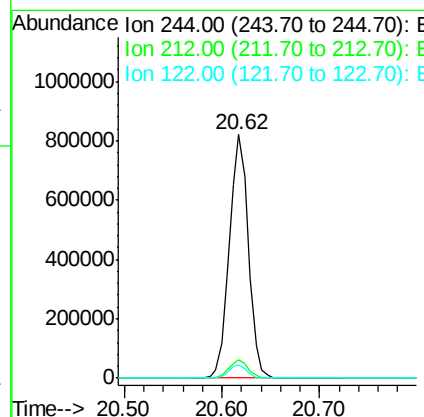
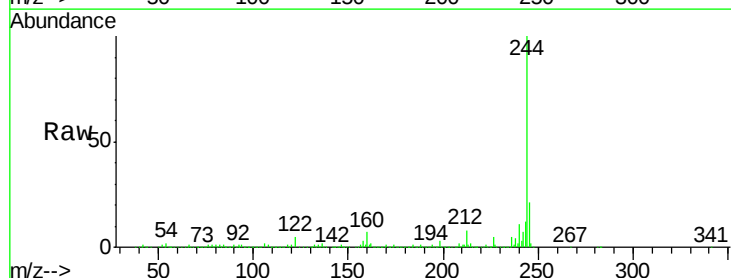
Instrument :
BNA_G
ClientSampleId :

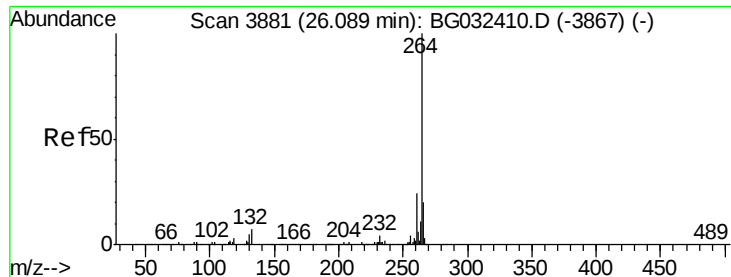
Tot Ion:184 Resp: 16108
Ion Ratio Lower Upper
184 100
185 13.8 11.1 16.7
183 11.2 10.6 16.0



#78
Terphenyl-d14
Concen: 88.699 ng
RT: 20.62 min Scan# 2949
Delta R.T. -0.01 min
Lab File: BG032489.D
Acq: 1 Feb 2018 14:34

Tgt Ion:244 Resp: 1108386
Ion Ratio Lower Upper
244 100
212 7.8 5.8 8.8
122 5.4 7.0 10.4#





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.08 min Scan# 3879
 Delta R.T. -0.01 min
 Lab File: BG032489.D
 Acq: 1 Feb 2018 14:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	21.9	17.7	26.5

