

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011718\
 Data File : BG032128.D
 Acq On : 18 Jan 2018 8:23
 Operator : SJ/JU
 Sample : J1167-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-72-12000

Quant Time: Jan 18 10:06:08 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

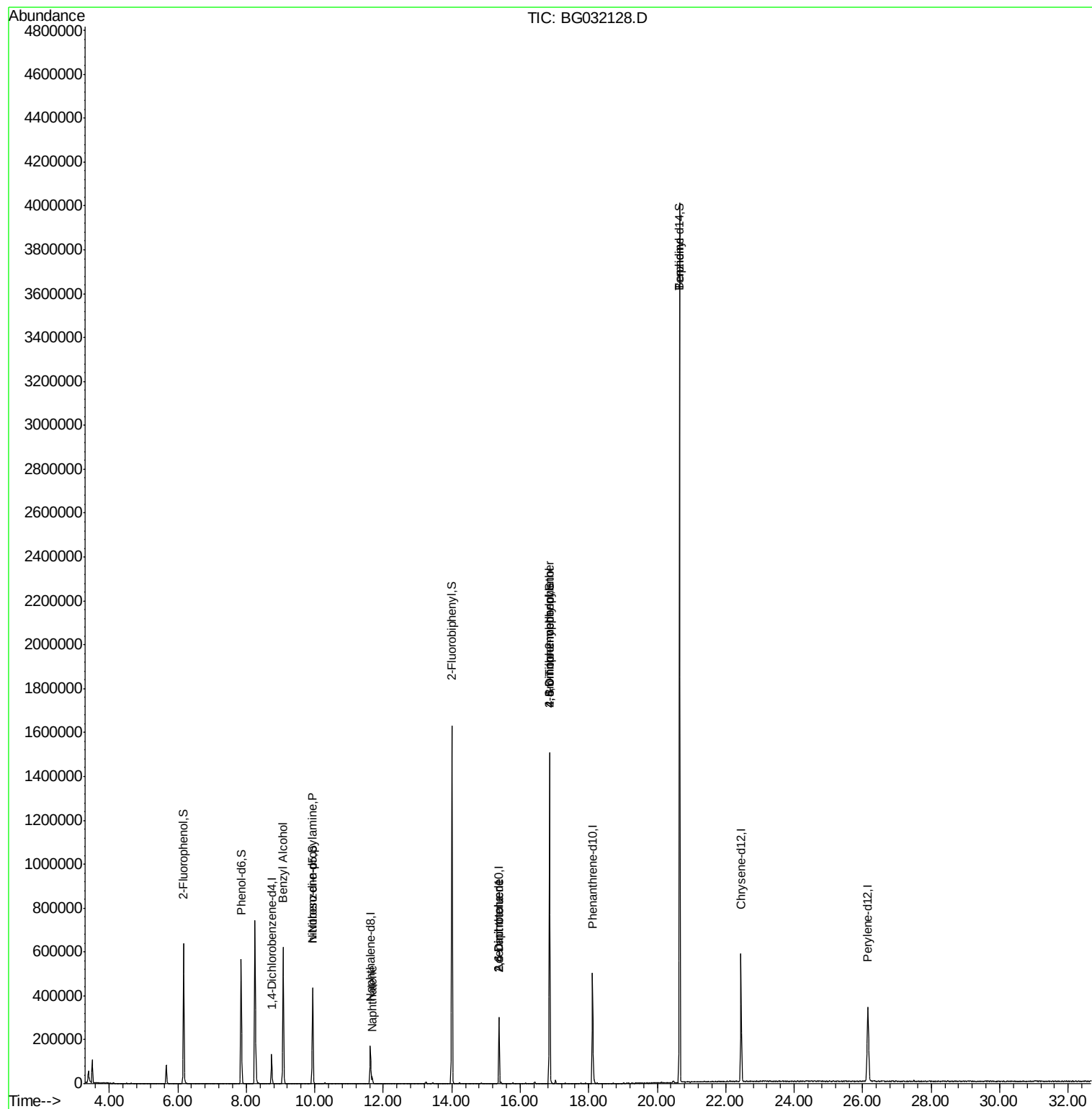
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	43687	20.00	ng	-0.03
21) Naphthalene-d8	11.63	136	173700	20.00	ng	-0.03
38) Acenaphthene-d10	15.38	164	120155	20.00	ng	-0.02
63) Phenanthrene-d10	18.11	188	342230	20.00	ng	-0.03
75) Chrysene-d12	22.45	240	446818	20.00	ng	-0.03
86) Perylene-d12	26.15	264	466752	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	333046	139.43	ng	-0.02
7) Phenol-d6	7.85	99	364990	121.32	ng	-0.03
23) Nitrobenzene-d5	9.94	82	279233	108.76	ng	-0.03
41) 2,4,6-Tribromophenol	16.85	330	342097	172.06	ng	-0.02
44) 2-Fluorobiphenyl	14.01	172	952481	98.29	ng	-0.03
78) Terphenyl-d14	20.65	244	2054417	101.52	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	9.08	79	4983	2.280	ng	# 50
19) n-Nitroso-di-n-propylamine	9.94	70	38411	20.578	ng	# 72
31) Naphthalene	11.67	128	32122	3.733	ng	# 94
50) 2,6-Dinitrotoluene	15.38	165	15625	7.159	ng	# 20
56) 2,4-Dinitrotoluene	15.38	165	15625	5.318	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.85	198	961	5.278	ng	# 8
66) 4-Bromophenyl-phenylether	16.85	248	28969	5.949	ng	# 1
76) Benzidine	20.65	184	28678	2.567	ng	# 93

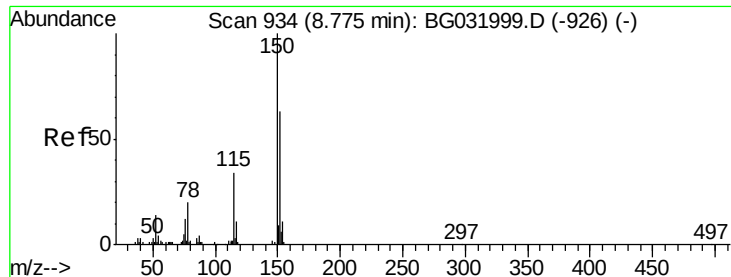
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011718\
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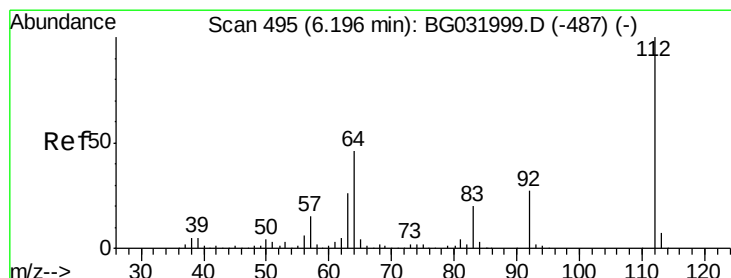
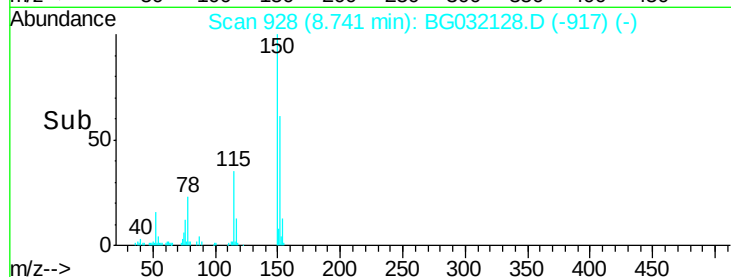
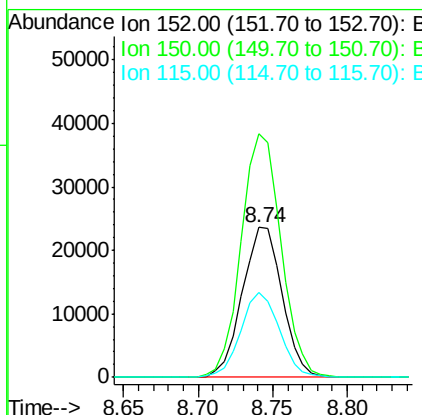
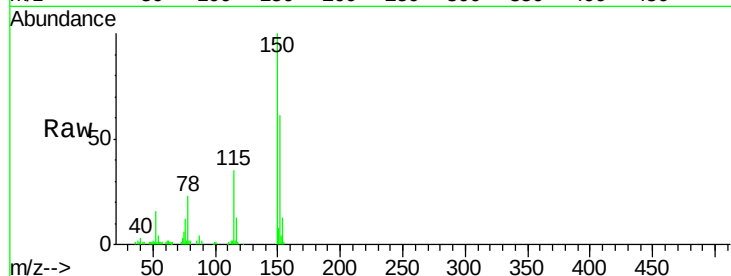


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. -0.03 min
Lab File: BG032128.D
Acq: 18 Jan 2018 8:23

Instrument :
BNA_G
ClientSampleId :
RO-72-12000

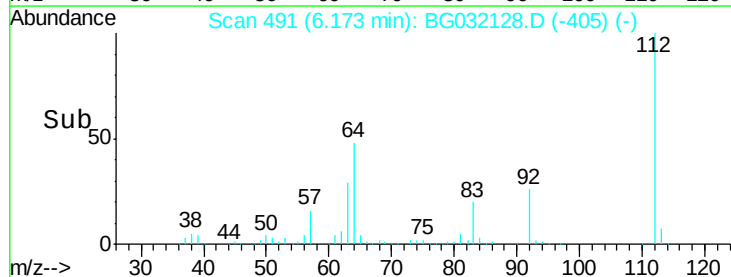
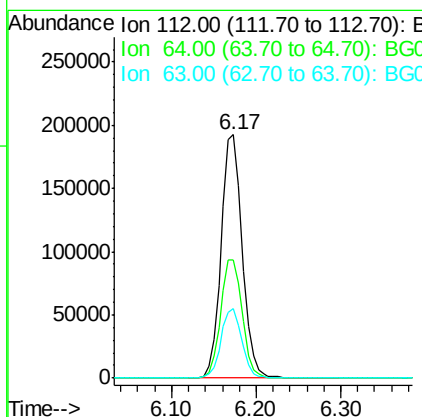
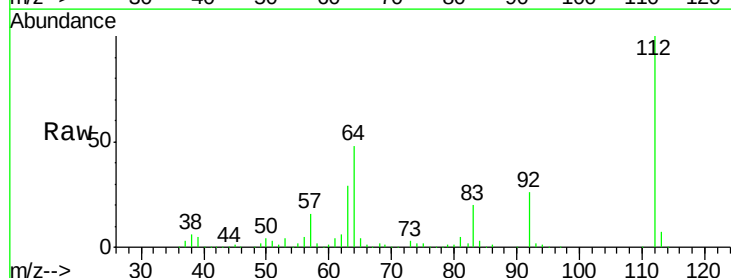
Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.6	126.6	189.8
115	56.5	53.0	79.4

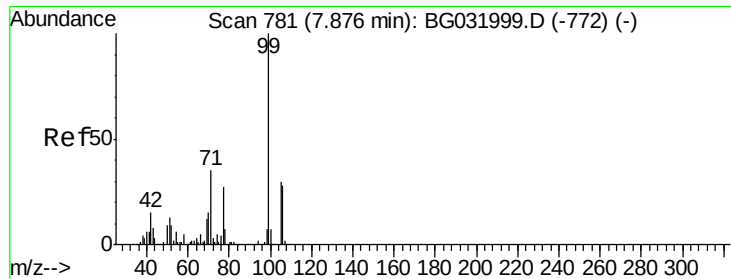


#5

2-Fluorophenol
Concen: 139.428 ng
RT: 6.17 min Scan# 491
Delta R.T. -0.02 min
Lab File: BG032128.D
Acq: 18 Jan 2018 8:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.3	56.3	84.5#
63	28.8	30.1	45.1#





#7

Phenol-d6

Concen: 121.325 ng

RT: 7.85 min Scan# 776

Delta R.T. -0.03 min

Lab File: BG032128.D

Acq: 18 Jan 2018 8:23

Instrument :

BNA_G

ClientSampleId :

RO-72-12000

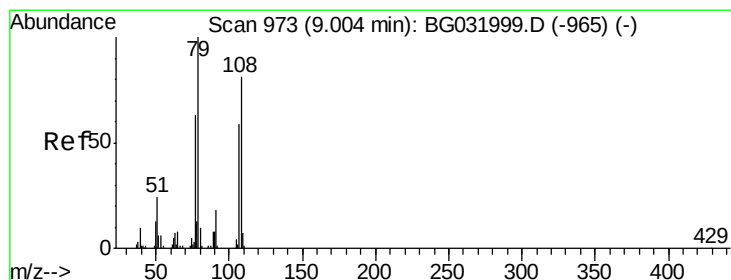
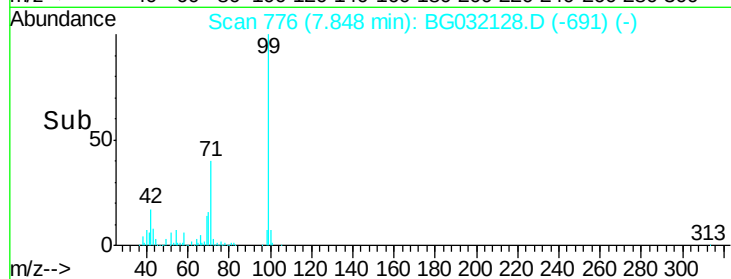
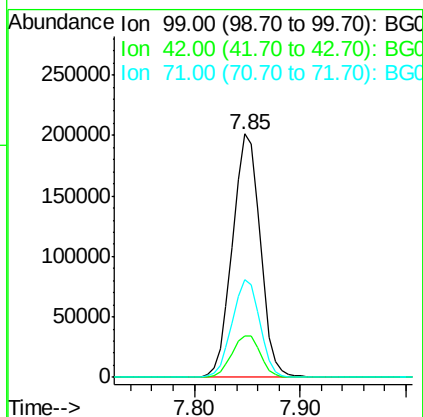
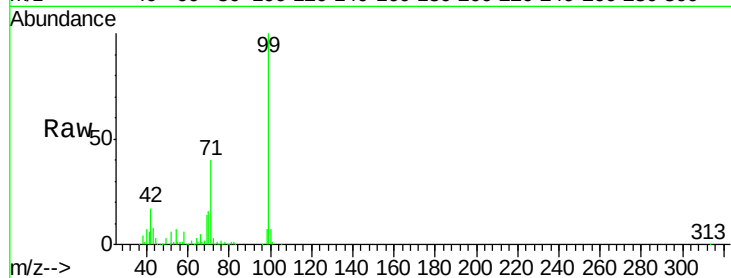
Tgt Ion: 99 Resp: 364990

Ion Ratio Lower Upper

99 100

42 17.2 14.1 21.1

71 40.0 26.1 39.1#



#15

Benzyl Alcohol

Concen: 2.280 ng

RT: 9.08 min Scan# 986

Delta R.T. 0.08 min

Lab File: BG032128.D

Acq: 18 Jan 2018 8:23

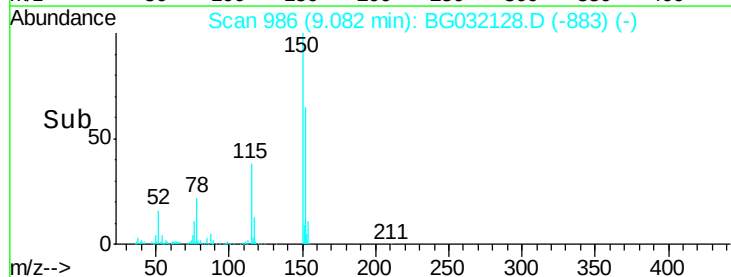
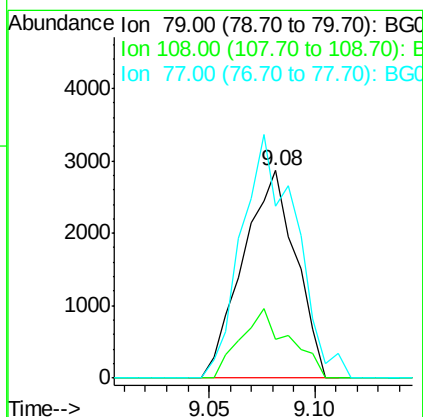
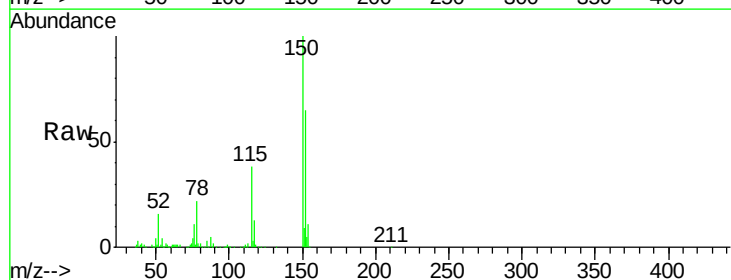
Tgt Ion: 79 Resp: 4983

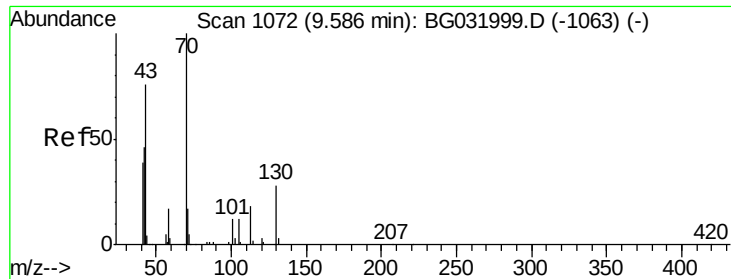
Ion Ratio Lower Upper

79 100

108 18.8 57.2 85.8#

77 82.9 46.1 69.1#

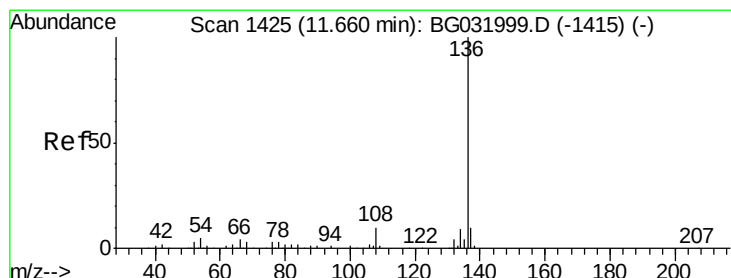
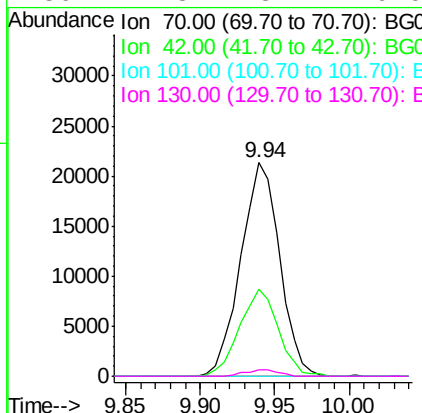
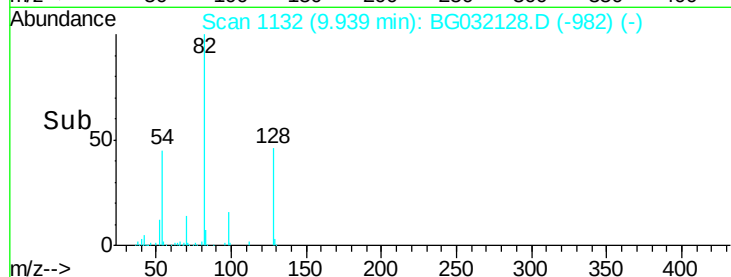
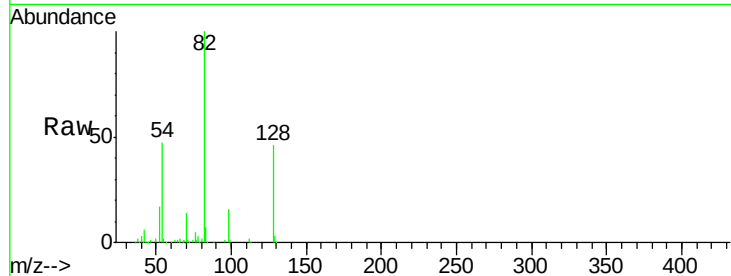




#19
n-Nitroso-di-n-propylamine
Concen: 20.578 ng
RT: 9.94 min Scan# 1132
Delta R.T. 0.35 min
Lab File: BG032128.D
Acq: 18 Jan 2018 8:23

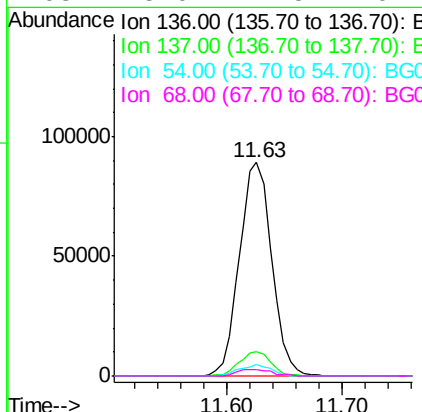
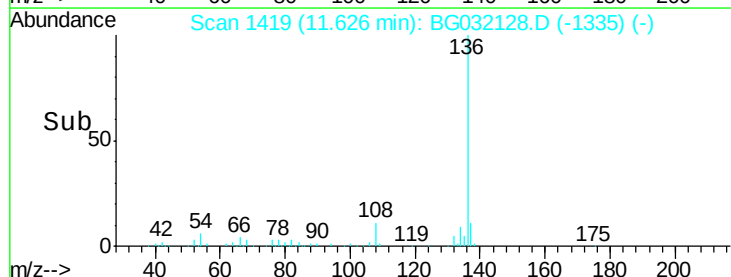
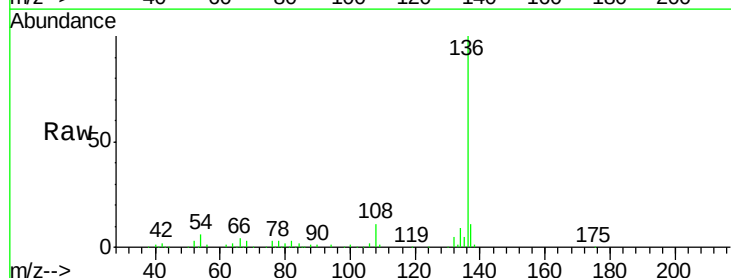
Instrument :
BNA_G
ClientSampleId :
RO-72-12000

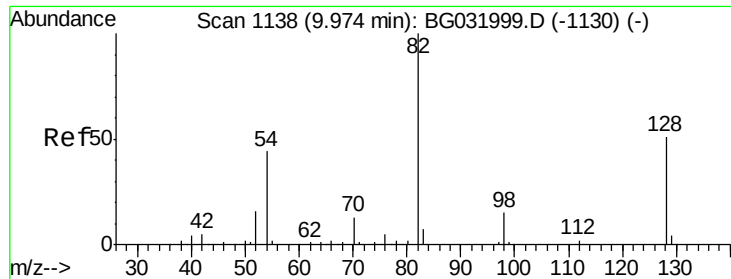
Tgt Ion: 70 Resp: 38411
Ion Ratio Lower Upper
70 100
42 40.6 49.1 73.7#
101 0.0 8.5 12.7#
130 2.8 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.63 min Scan# 1419
Delta R.T. -0.03 min
Lab File: BG032128.D
Acq: 18 Jan 2018 8:23

Tgt Ion: 136 Resp: 173700
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 5.6 10.3 15.5#
68 3.0 4.5 6.7#

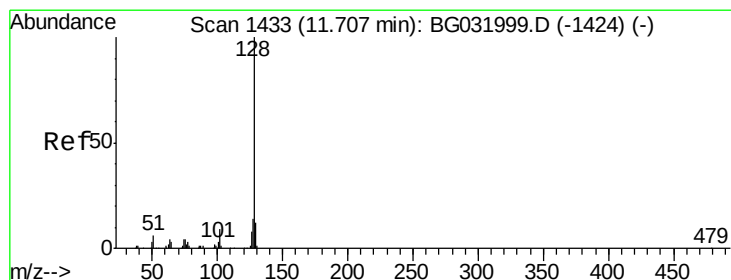
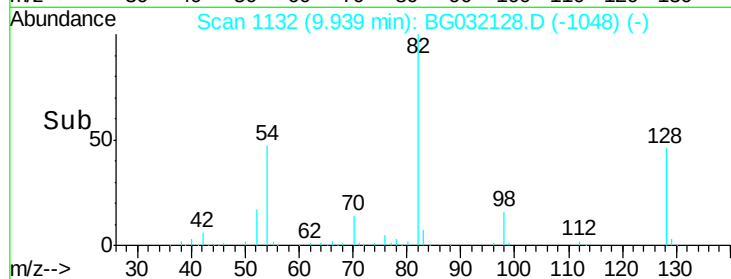
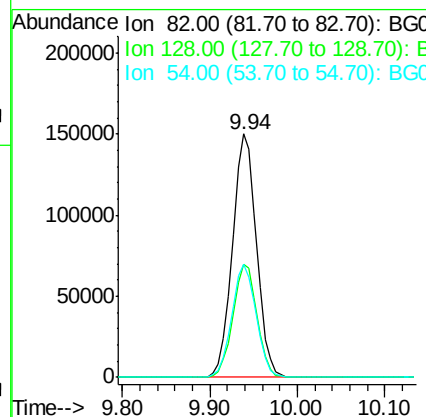
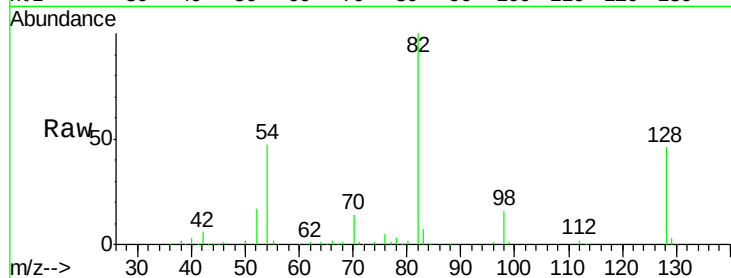




#23
 Nitrobenzene-d5
 Concen: 108.758 ng
 RT: 9.94 min Scan# 1132
 Delta R.T. -0.03 min
 Lab File: BG032128.D
 Acq: 18 Jan 2018 8:23

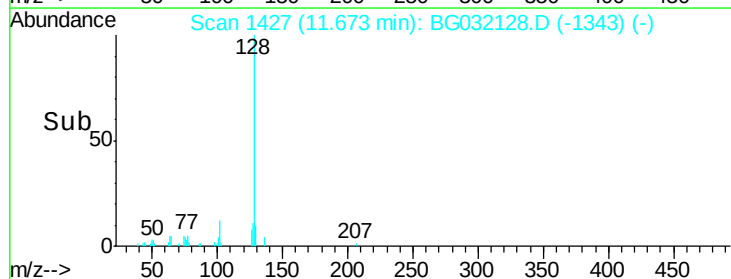
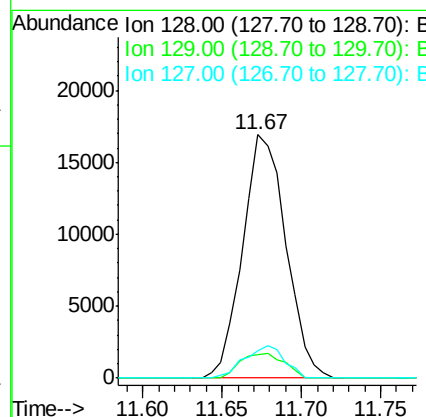
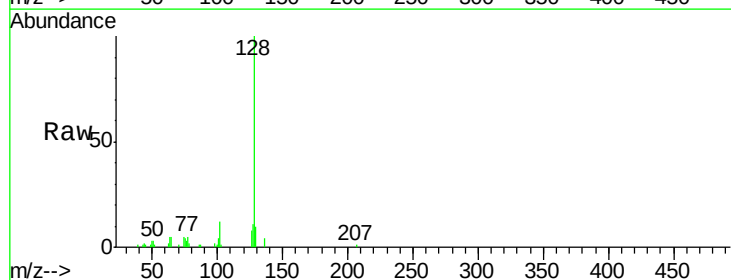
Instrument :
 BNA_G
 ClientSampleId :
 RO-72-12000

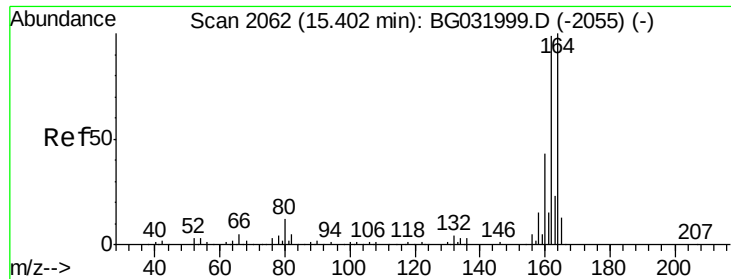
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.5	29.7	44.5#
54	46.7	43.1	64.7



#31
 Naphthalene
 Concen: 3.733 ng
 RT: 11.67 min Scan# 1427
 Delta R.T. -0.03 min
 Lab File: BG032128.D
 Acq: 18 Jan 2018 8:23

Tgt Ion	Ratio	Lower	Upper
128	100		
129	9.6	8.6	12.8
127	11.1	11.6	17.4#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.38 min Scan# 2058

Delta R.T. -0.02 min

Lab File: BG032128.D

Acq: 18 Jan 2018 8:23

Instrument :

BNA_G

ClientSampleId :

RO-72-12000

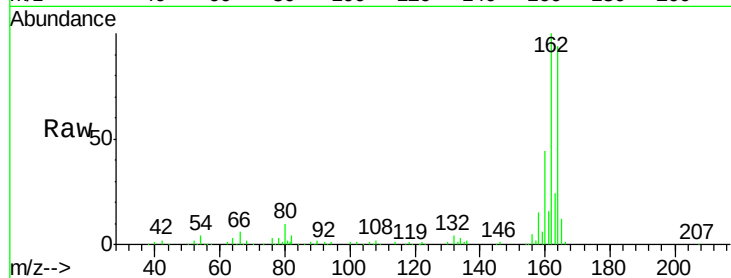
Tgt Ion:164 Resp: 120155

Ion Ratio Lower Upper

164 100

162 106.2 78.8 118.2

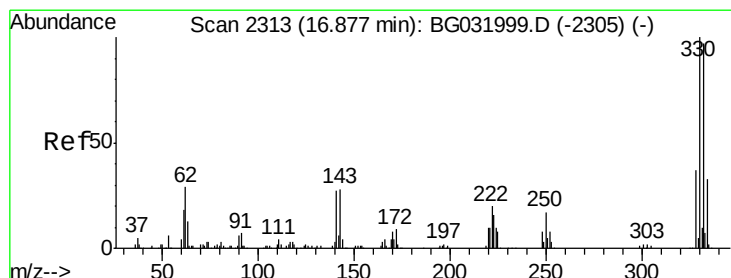
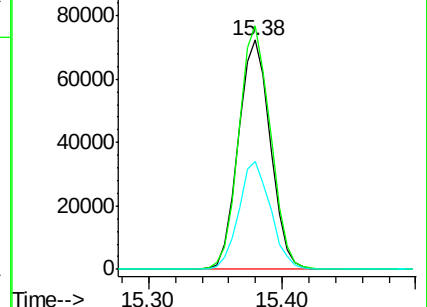
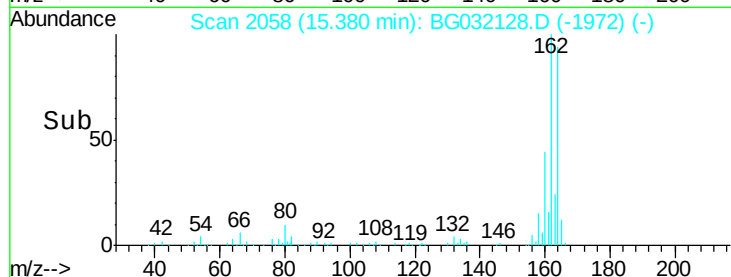
160 47.2 35.4 53.0



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: 172.056 ng

RT: 16.85 min Scan# 2309

Delta R.T. -0.02 min

Lab File: BG032128.D

Acq: 18 Jan 2018 8:23

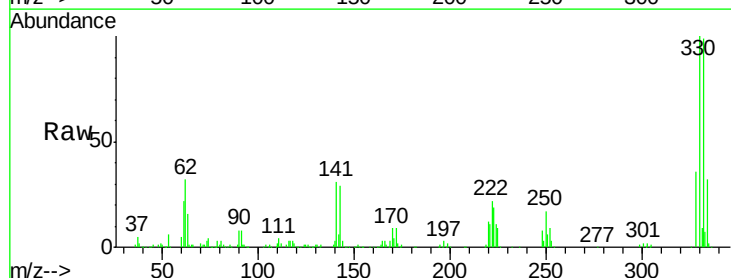
Tgt Ion:330 Resp: 342097

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

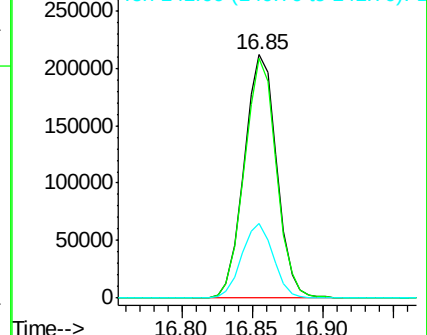
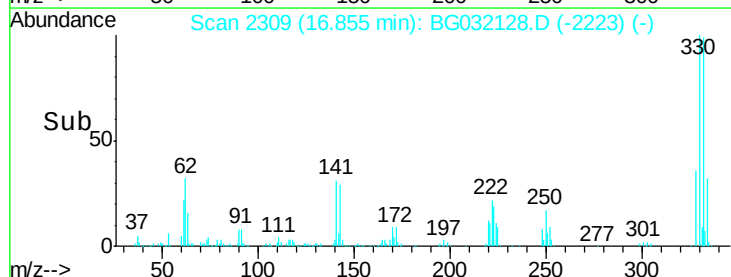
141 29.8 25.2 37.8

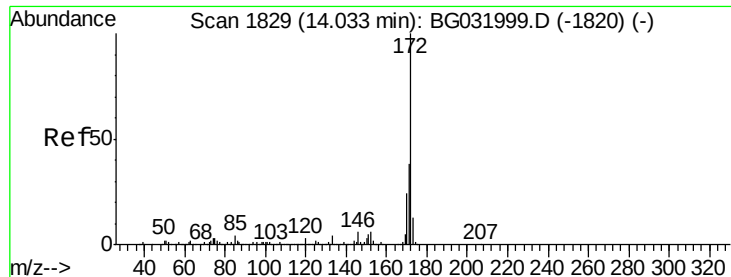


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

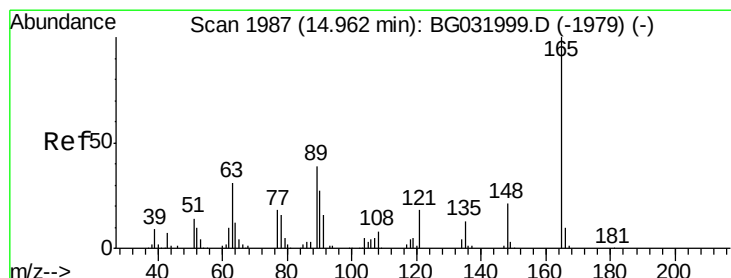
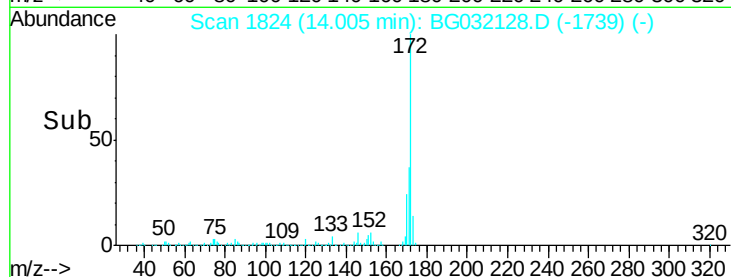
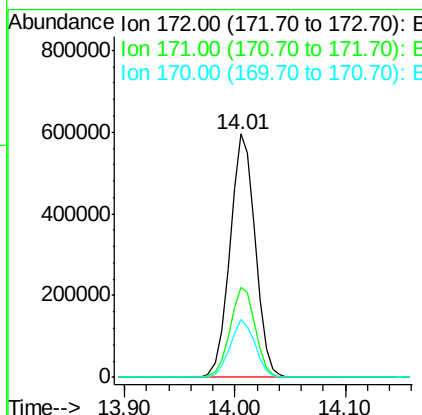
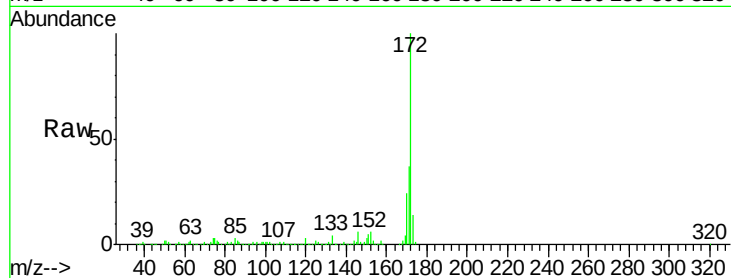




#44
 2-Fluorobiphenyl
 Concen: 98.292 ng
 RT: 14.01 min Scan# 1824
 Delta R.T. -0.03 min
 Lab File: BG032128.D
 Acq: 18 Jan 2018 8:23

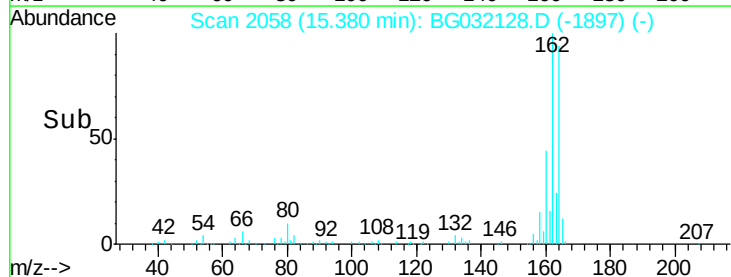
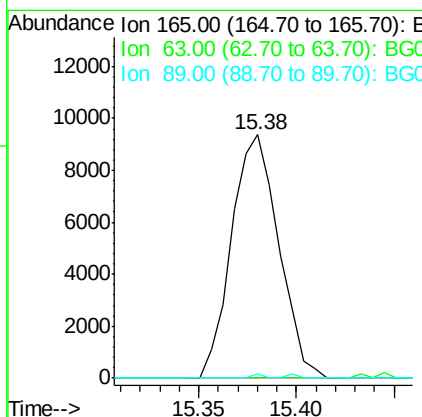
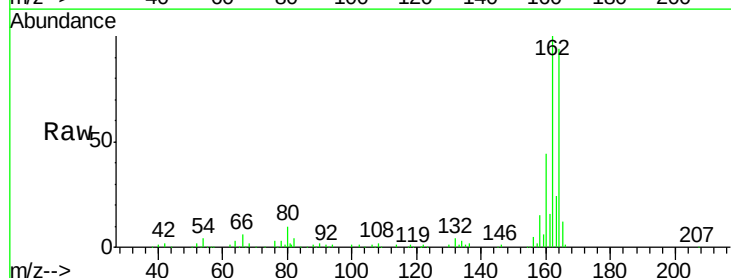
Instrument :
 BNA_G
 ClientSampleId :
 RO-72-12000

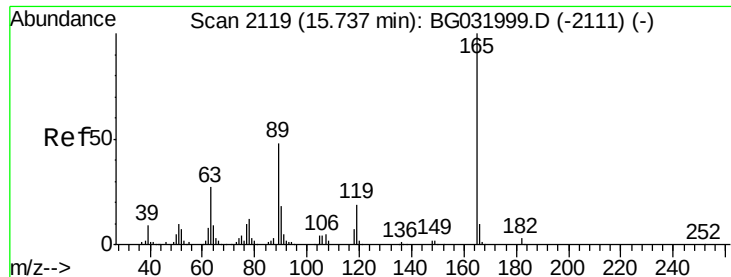
Tgt Ion:172 Resp: 952481
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.0 45.0
 170 24.0 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.159 ng
 RT: 15.38 min Scan# 2058
 Delta R.T. 0.42 min
 Lab File: BG032128.D
 Acq: 18 Jan 2018 8:23

Tgt Ion:165 Resp: 15625
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 1.9 49.2 73.8#

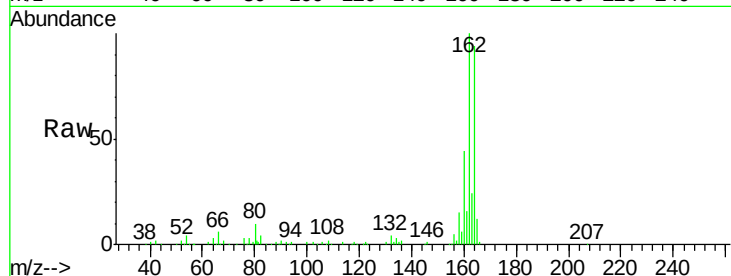




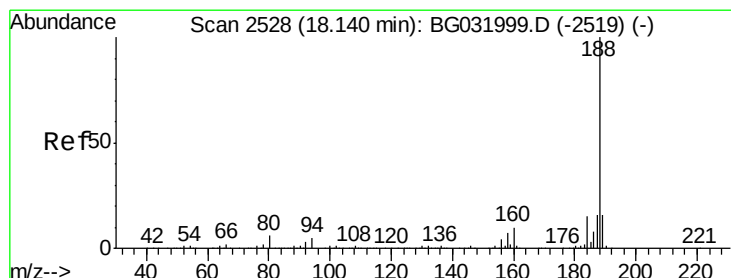
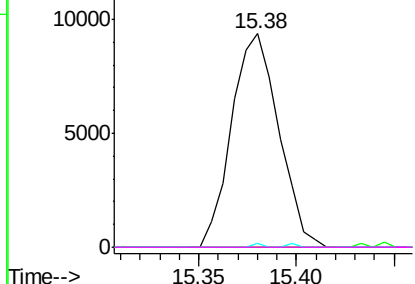
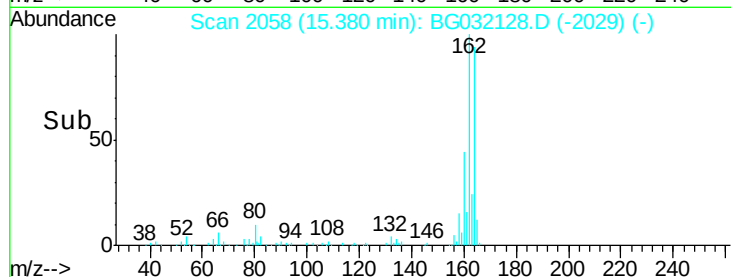
#56
 2,4-Dinitrotoluene
 Concen: 5.318 ng
 RT: 15.38 min Scan# 2058
 Delta R.T. -0.36 min
 Lab File: BG032128.D
 Acq: 18 Jan 2018 8:23

Instrument :
 BNA_G
 ClientSampleId :
 RO-72-12000

Tgt Ion:	165	Resp:	15625
Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	1.9	66.9	100.3#
182	0.0	2.6	3.8#

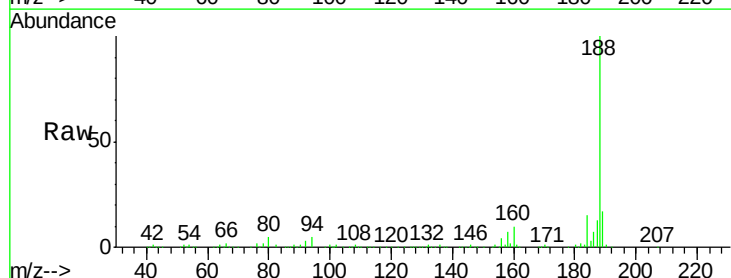


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

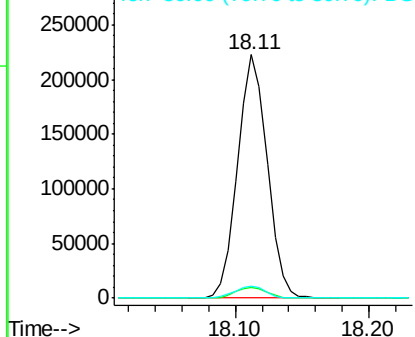
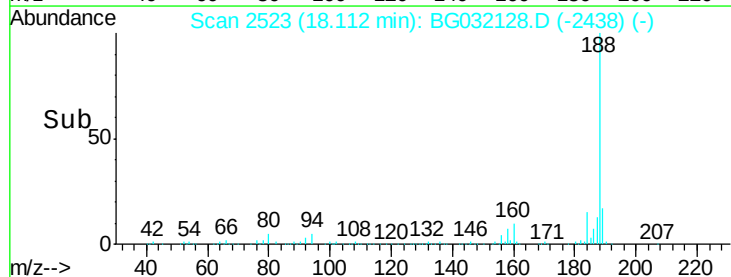


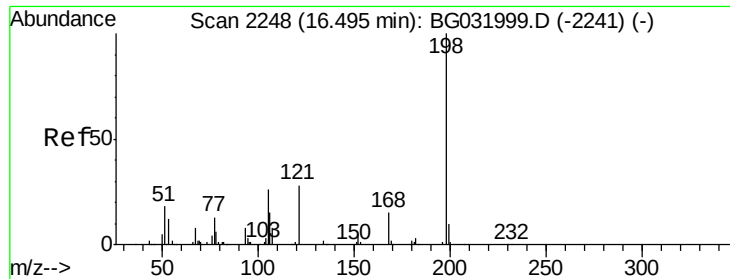
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.11 min Scan# 2523
 Delta R.T. -0.03 min
 Lab File: BG032128.D
 Acq: 18 Jan 2018 8:23

Tgt Ion:	188	Resp:	342230
Ion	Ratio	Lower	Upper
188	100		
94	4.5	6.9	10.3#
80	4.8	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

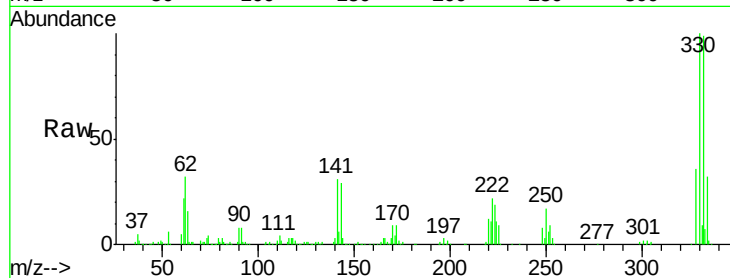




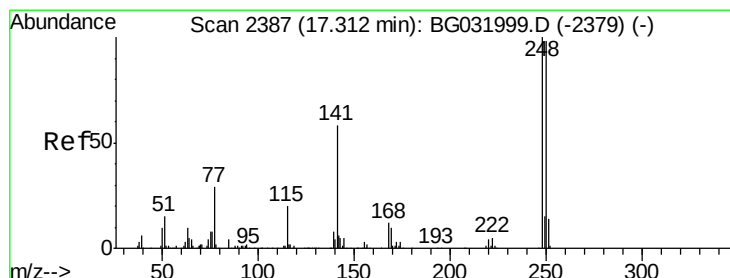
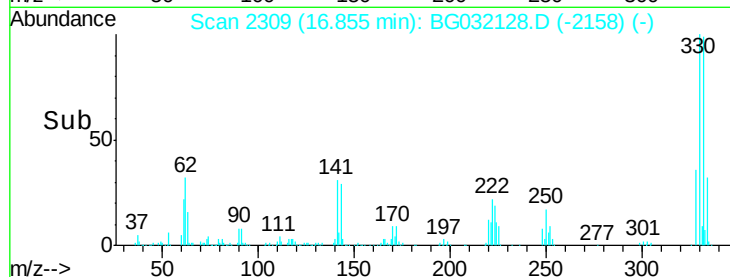
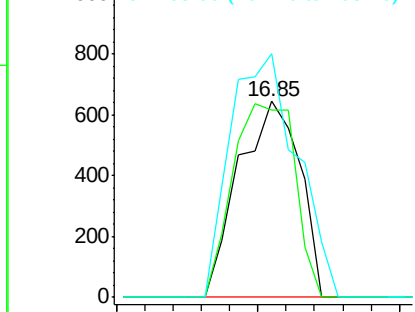
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.278 ng
 RT: 16.85 min Scan# 2309
 Delta R.T. 0.36 min
 Lab File: BG032128.D
 Acq: 18 Jan 2018 8:23

Instrument :
 BNA_G
 ClientSampleId :
 RO-72-12000

Tgt Ion:198 Resp: 961
 Ion Ratio Lower Upper
 198 100
 51 95.3 30.6 70.6#
 105 124.2 23.8 63.8#

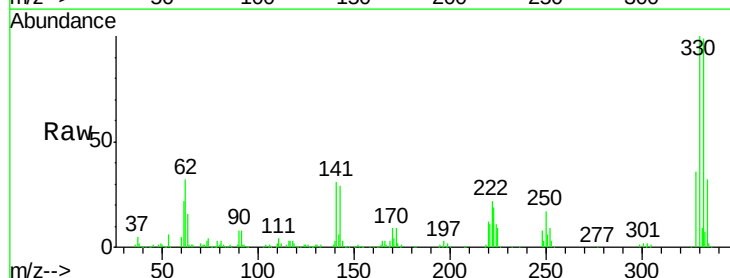


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

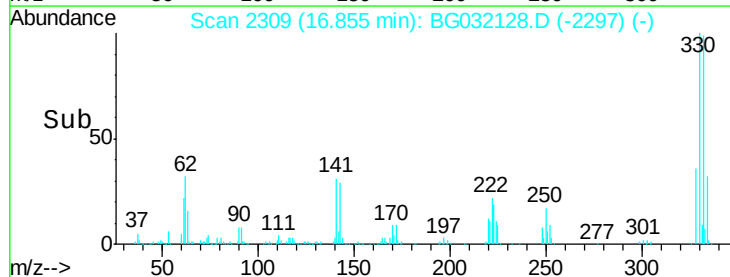
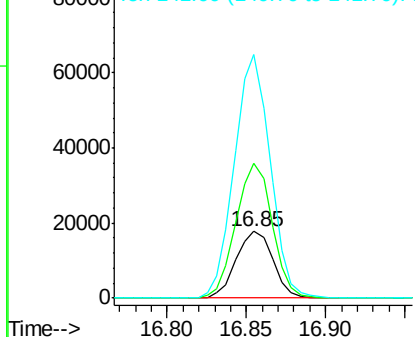


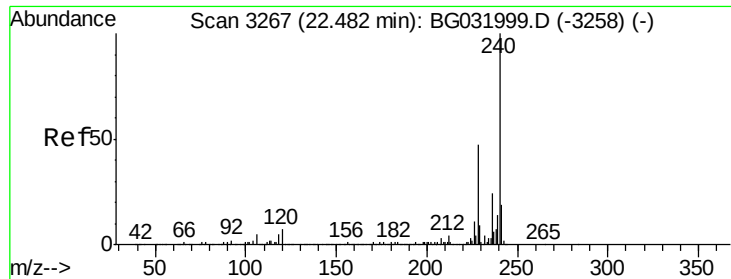
#66
 4-Bromophenyl-phenylether
 Concen: 5.949 ng
 RT: 16.85 min Scan# 2309
 Delta R.T. -0.46 min
 Lab File: BG032128.D
 Acq: 18 Jan 2018 8:23

Tgt Ion:248 Resp: 28969
 Ion Ratio Lower Upper
 248 100
 250 201.8 77.1 115.7#
 141 363.8 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: 22.45 min Scan# 3261

Delta R.T. -0.03 min

Lab File: BG032128.D

Acq: 18 Jan 2018 8:23

Instrument :

BNA_G

ClientSampleId :

RO-72-12000

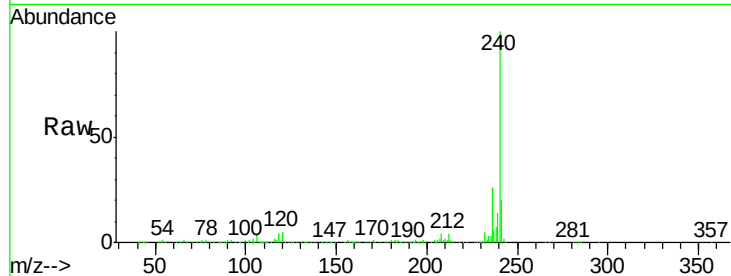
Tgt Ion:240 Resp: 446818

Ion Ratio Lower Upper

240 100

120 5.0 6.8 10.2#

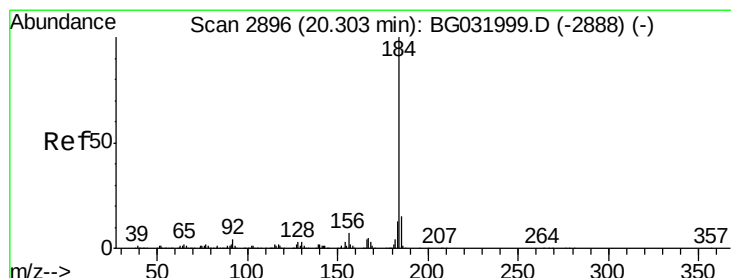
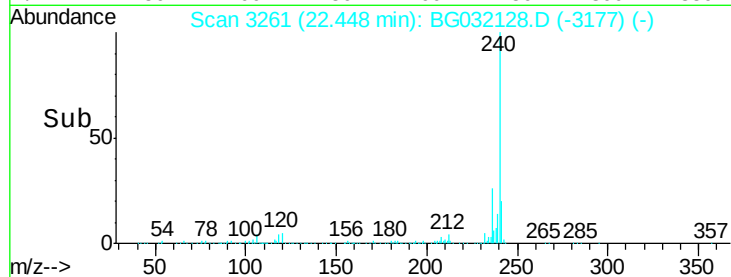
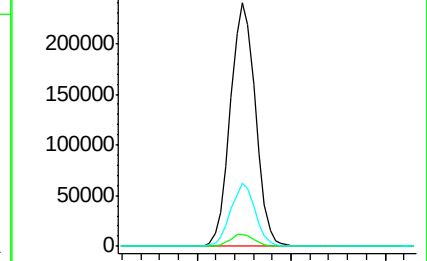
236 25.9 20.9 31.3



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: 2.567 ng

RT: 20.65 min Scan# 2955

Delta R.T. 0.35 min

Lab File: BG032128.D

Acq: 18 Jan 2018 8:23

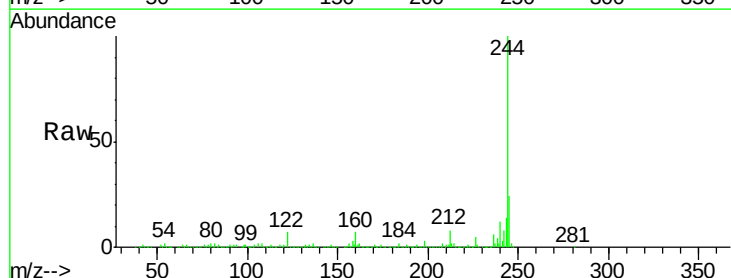
Tgt Ion:184 Resp: 28678

Ion Ratio Lower Upper

184 100

185 17.0 11.1 16.7#

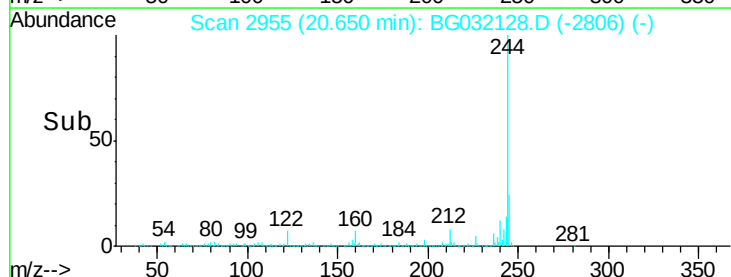
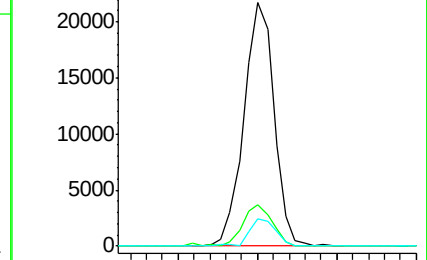
183 11.1 10.6 16.0

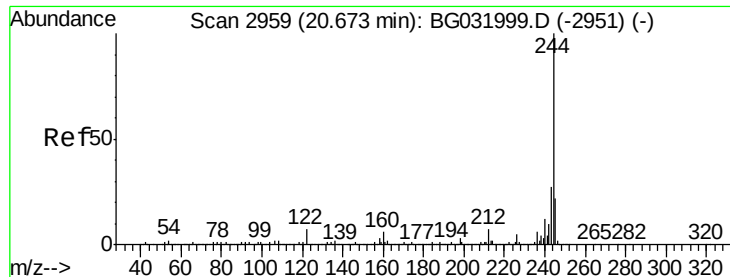


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 101.523 ng

RT: 20.65 min Scan# 2955

Delta R.T. -0.02 min

Lab File: BG032128.D

Acq: 18 Jan 2018 8:23

Instrument :

BNA_G

ClientSampleId :

RO-72-12000

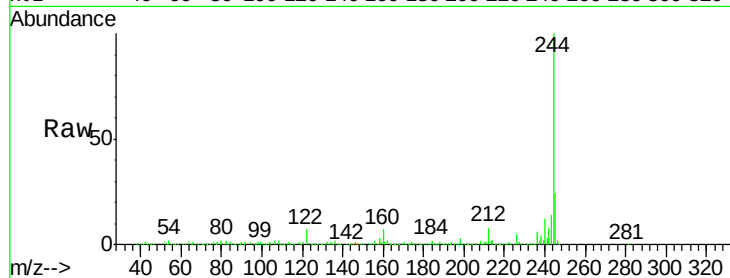
Tgt Ion:244 Resp: 2054417

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

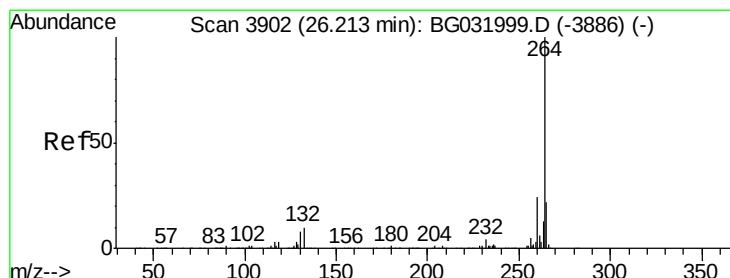
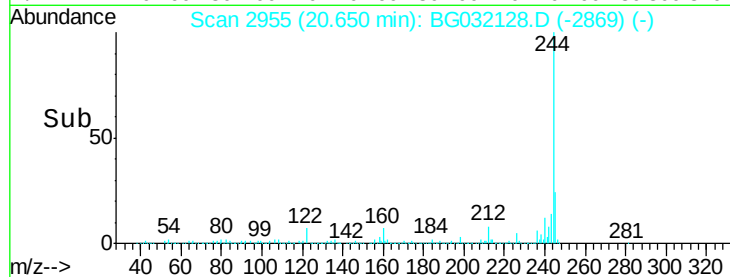
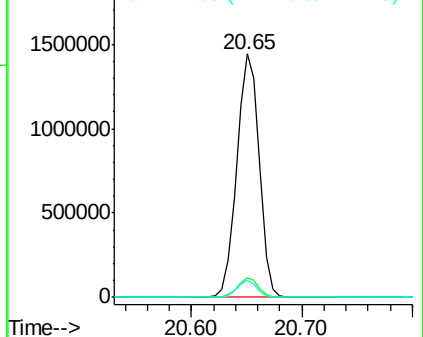
122 6.8 7.0 10.4#



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: 26.15 min Scan# 3891

Delta R.T. -0.06 min

Lab File: BG032128.D

Acq: 18 Jan 2018 8:23

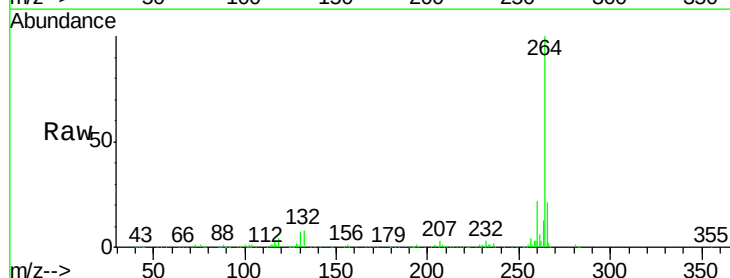
Tgt Ion:264 Resp: 466752

Ion Ratio Lower Upper

264 100

260 21.9 17.4 26.0

265 21.2 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

