

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011718\
 Data File : BG032130.D
 Acq On : 18 Jan 2018 9:38
 Operator : SJ/JU
 Sample : J1163-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-(0-4)

Quant Time: Jan 18 10:28:14 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

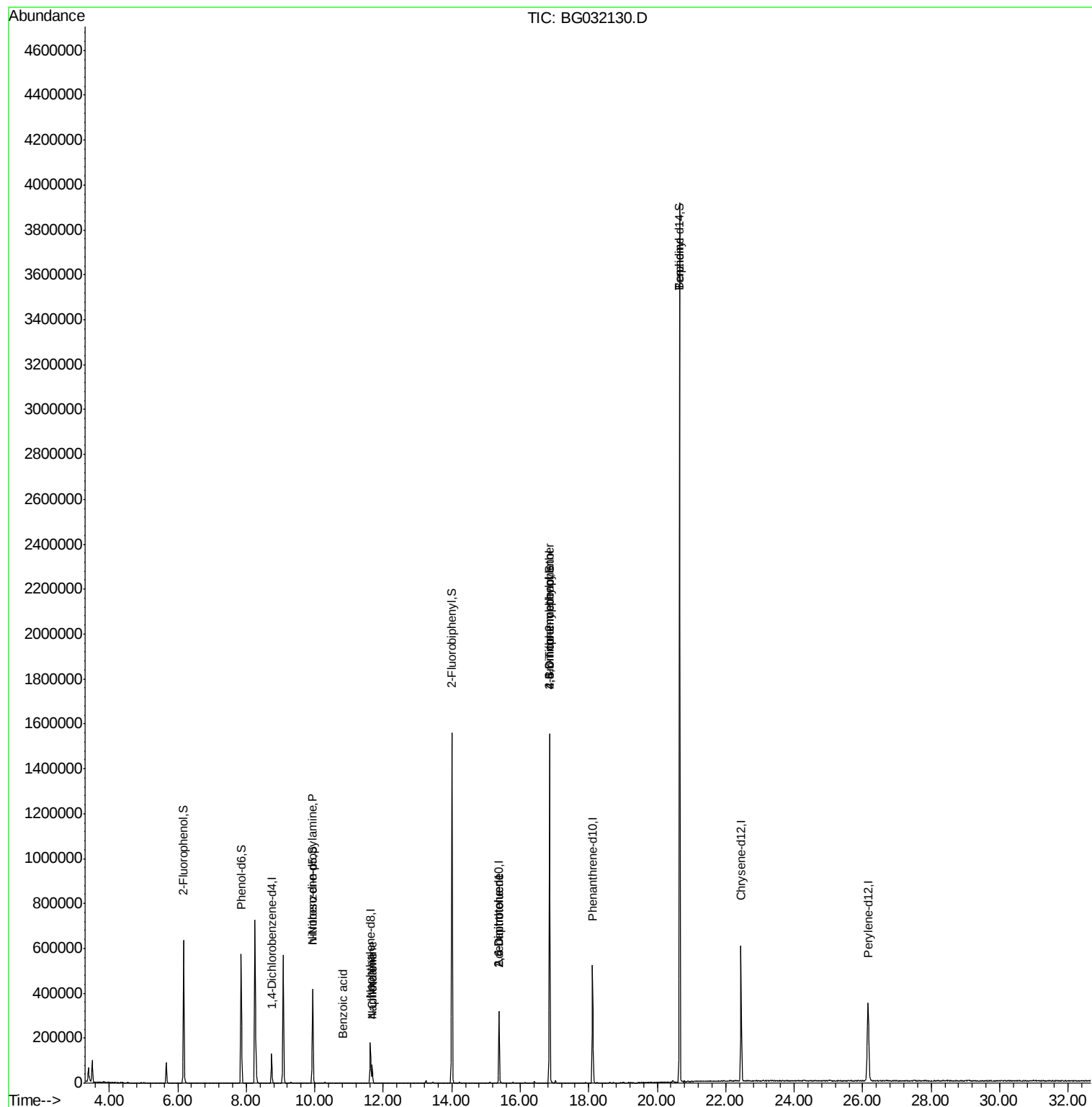
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.75	152	44259	20.00	ng	-0.03
21) Naphthalene-d8	11.63	136	176438	20.00	ng	-0.03
38) Acenaphthene-d10	15.38	164	123718	20.00	ng	-0.02
63) Phenanthrene-d10	18.11	188	359336	20.00	ng	-0.03
75) Chrysene-d12	22.45	240	460079	20.00	ng	-0.03
86) Perylene-d12	26.16	264	487230	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	324411	134.06	ng	-0.02
7) Phenol-d6	7.85	99	370249	121.48	ng	-0.03
23) Nitrobenzene-d5	9.94	82	264601	101.46	ng	-0.03
41) 2,4,6-Tribromophenol	16.85	330	338283	165.24	ng	-0.02
44) 2-Fluorobiphenyl	14.01	172	913874	91.59	ng	-0.03
78) Terphenyl-d14	20.65	244	2049463	98.36	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.94	70	37919	20.052	ng	# 73
31) Naphthalene	11.68	128	77397	8.855	ng	# 95
32) Benzoic acid	10.81	122	58	5.282	ng	# 1
33) 4-Chloroaniline	11.68	127	10558	2.817	ng	# 44
50) 2,6-Dinitrotoluene	15.38	165	15287	6.803	ng	# 19
56) 2,4-Dinitrotoluene	15.38	165	15287	5.053	ng	# 17
64) 4,6-Dinitro-2-methylphenol	16.85	198	922	5.244	ng	# 1
66) 4-Bromophenyl-phenylether	16.85	248	28306	5.536	ng	# 1
76) Benzidine	20.65	184	30342	2.637	ng	# 92

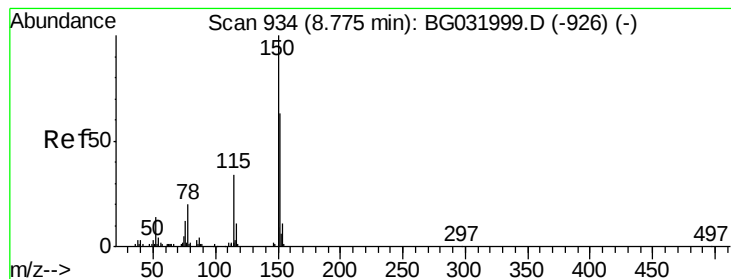
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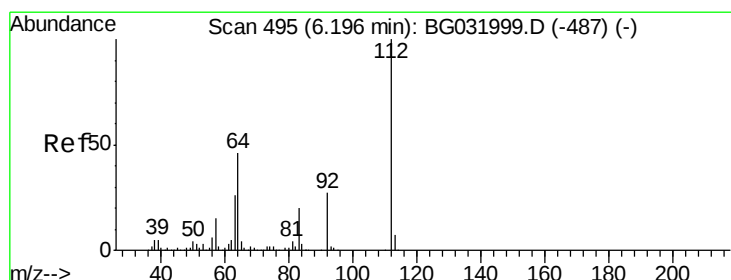
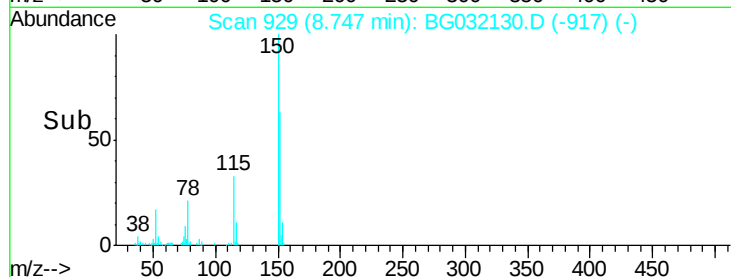
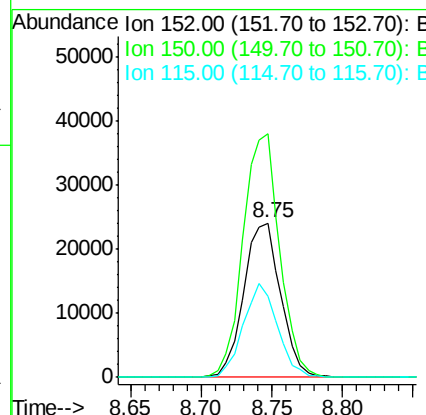
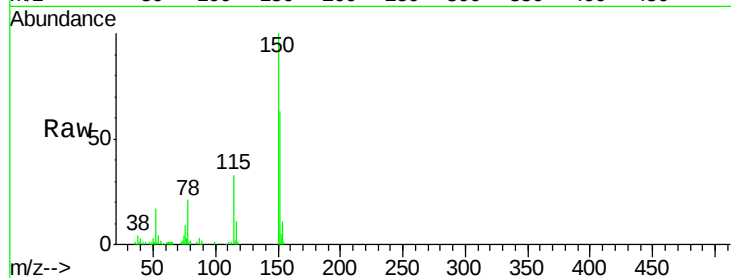


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.75 min Scan# 929
Delta R.T. -0.03 min
Lab File: BG032130.D
Acq: 18 Jan 2018 9:38

Instrument :
BNA_G
ClientSampleId :
TP-1-(0-4)

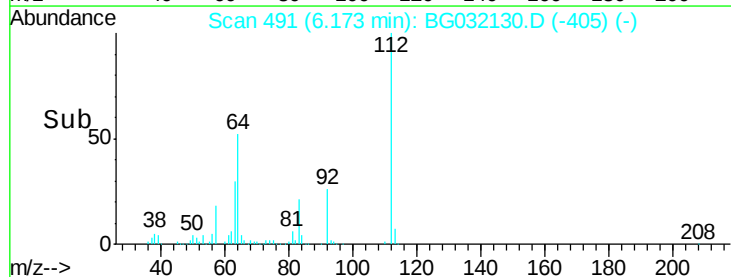
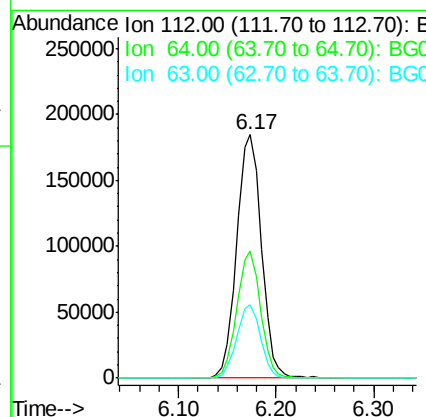
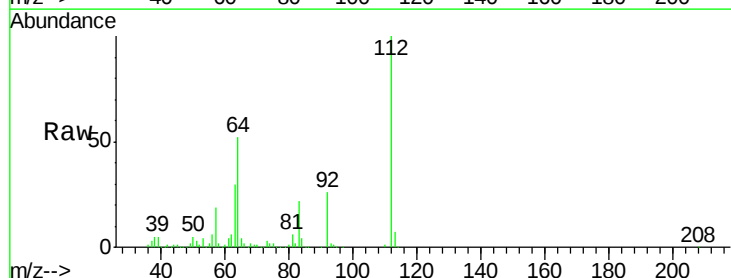
Tgt Ion:152 Resp: 44259
Ion Ratio Lower Upper
152 100
150 157.5 126.6 189.8
115 52.6 53.0 79.4#

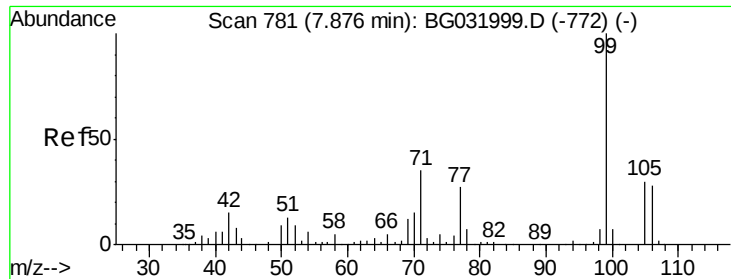


#5

2-Fluorophenol
Concen: 134.058 ng
RT: 6.17 min Scan# 491
Delta R.T. -0.02 min
Lab File: BG032130.D
Acq: 18 Jan 2018 9:38

Tgt Ion:112 Resp: 324411
Ion Ratio Lower Upper
112 100
64 52.4 56.3 84.5#
63 30.1 30.1 45.1#





#7

Phenol-d6

Concen: 121.482 ng

RT: 7.85 min Scan# 776

Delta R.T. -0.03 min

Lab File: BG032130.D

Acq: 18 Jan 2018 9:38

Instrument :

BNA_G

ClientSampleId :

TP-1-(0-4)

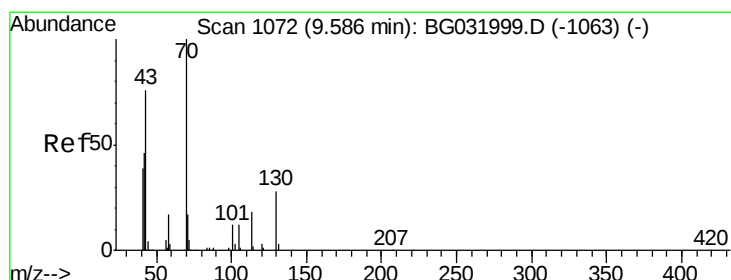
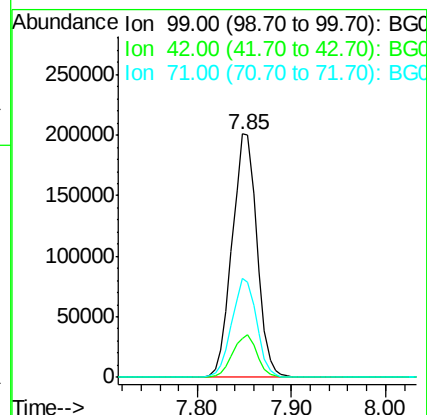
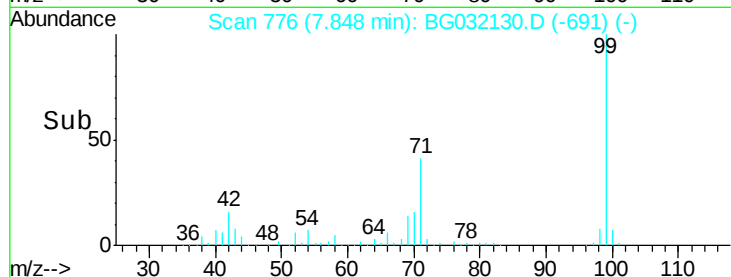
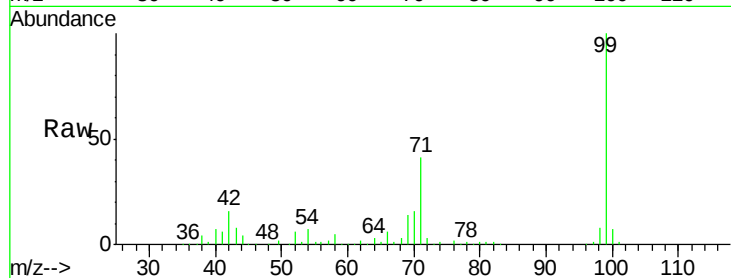
Tgt Ion: 99 Resp: 370249

Ion Ratio Lower Upper

99 100

42 16.2 14.1 21.1

71 40.6 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 20.052 ng

RT: 9.94 min Scan# 1132

Delta R.T. 0.35 min

Lab File: BG032130.D

Acq: 18 Jan 2018 9:38

Tgt Ion: 70 Resp: 37919

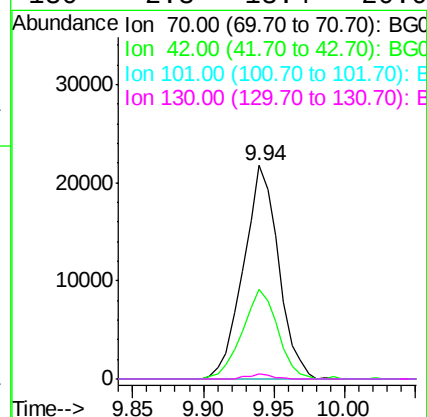
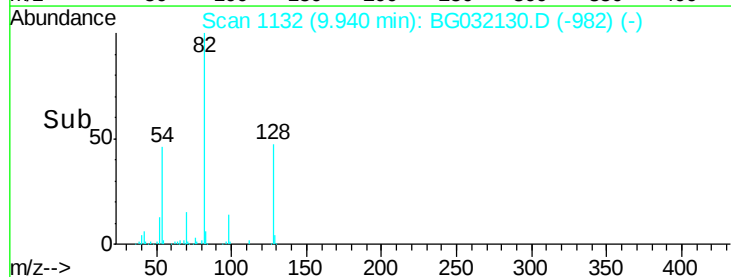
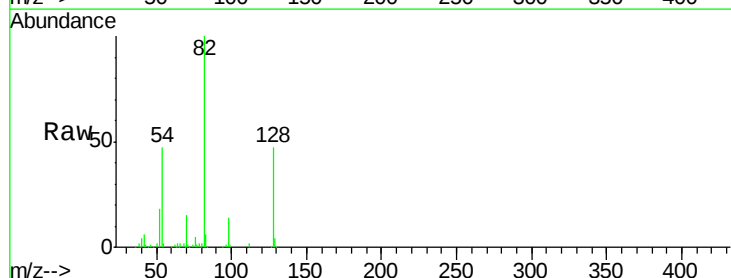
Ion Ratio Lower Upper

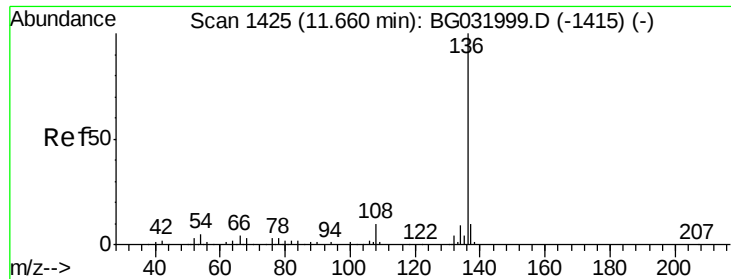
70 100

42 41.7 49.1 73.7#

101 0.0 8.5 12.7#

130 2.3 13.4 20.0#

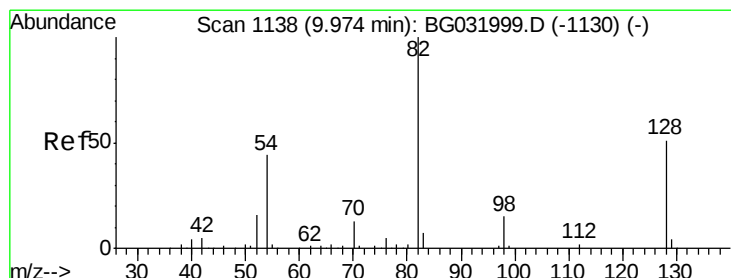
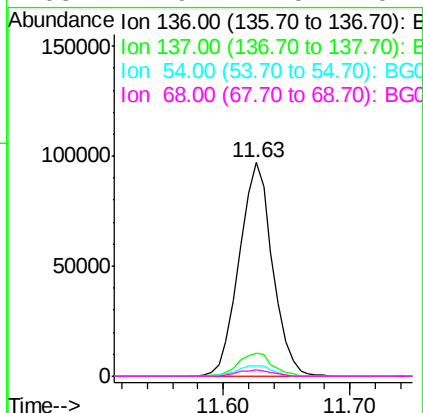
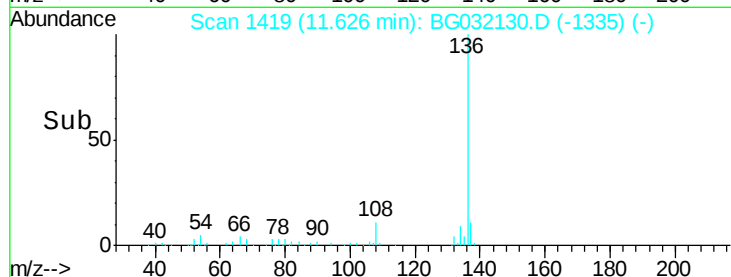
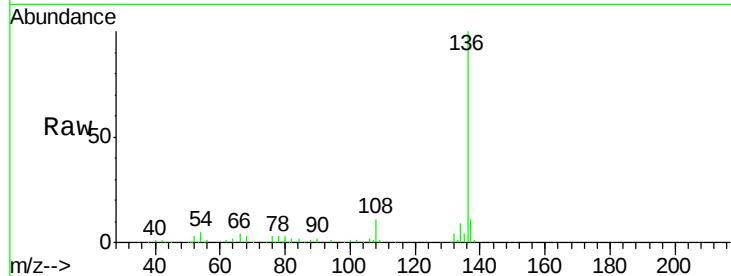




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.63 min Scan# 1419
Delta R.T. -0.03 min
Lab File: BG032130.D
Acq: 18 Jan 2018 9:38

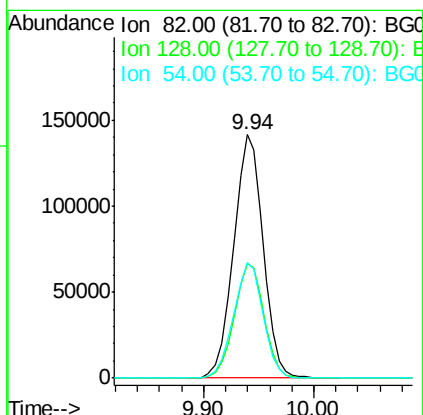
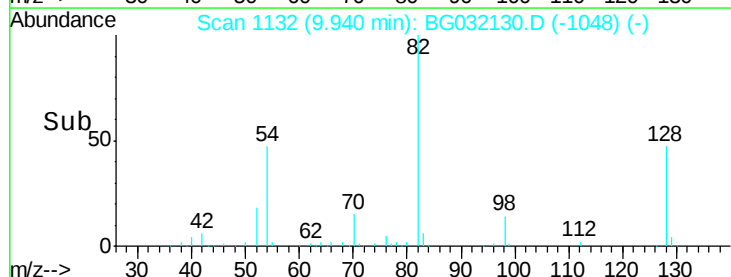
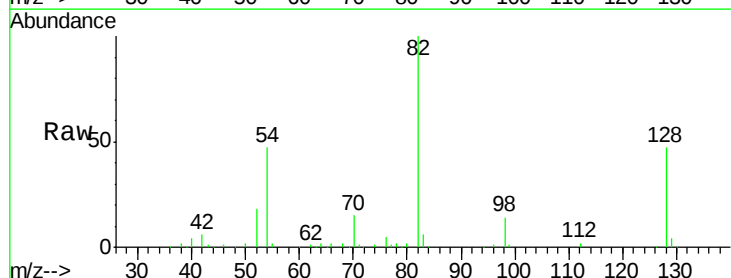
Instrument :
BNA_G
ClientSampleId :
TP-1-(0-4)

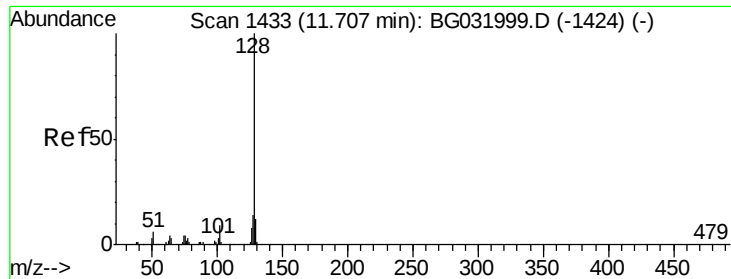
Tgt Ion:	136	Resp:	176438
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	5.0	10.3	15.5#
68	2.9	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 101.460 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.03 min
Lab File: BG032130.D
Acq: 18 Jan 2018 9:38

Tgt Ion:	82	Resp:	264601
Ion	Ratio	Lower	Upper
82	100		
128	46.7	29.7	44.5#
54	47.4	43.1	64.7

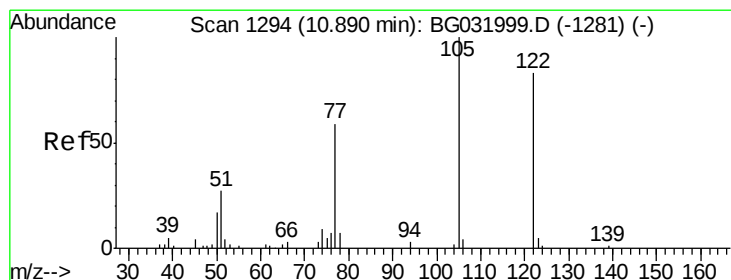
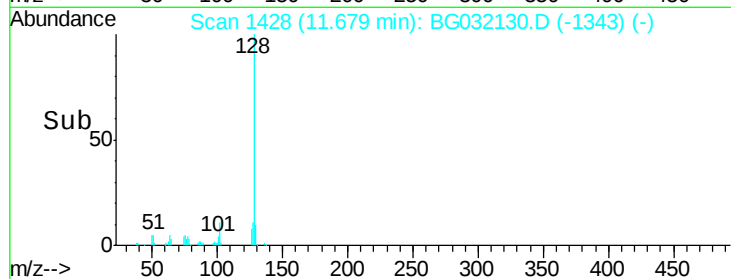
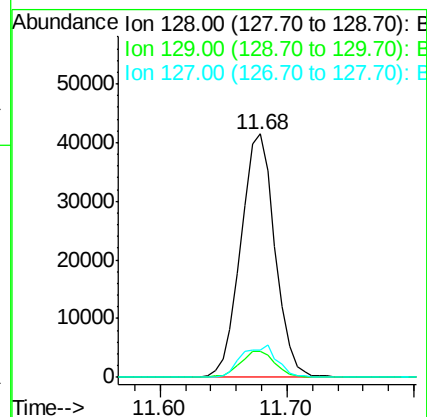
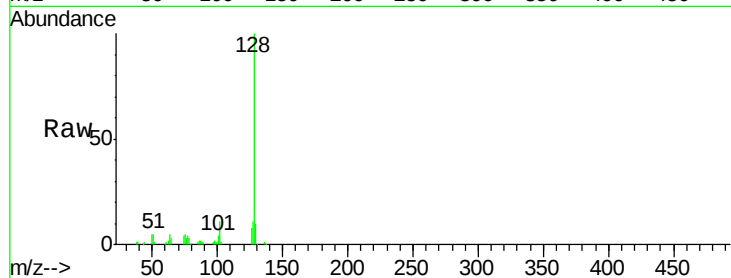




#31
Naphthalene
Concen: 8.855 ng
RT: 11.68 min Scan# 1428
Delta R.T. -0.03 min
Lab File: BG032130.D
Acq: 18 Jan 2018 9:38

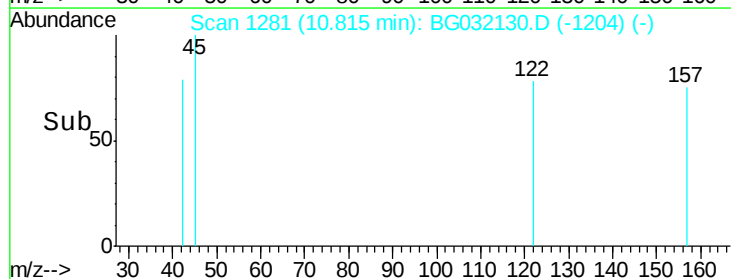
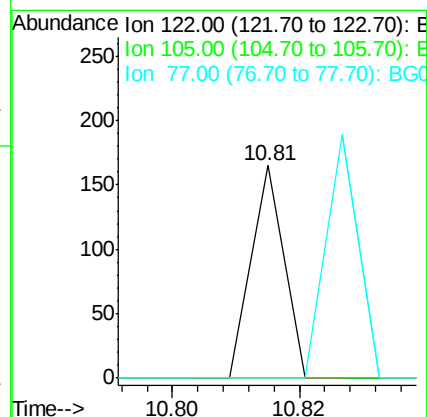
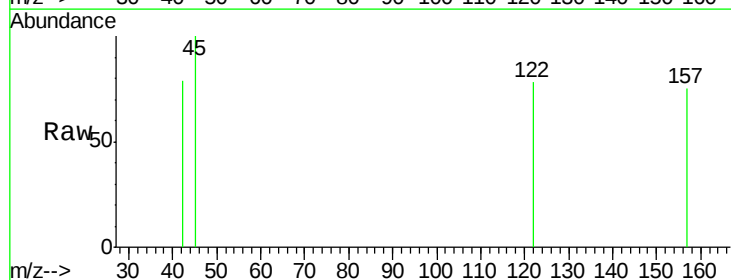
Instrument :
BNA_G
ClientSampleId :
TP-1-(0-4)

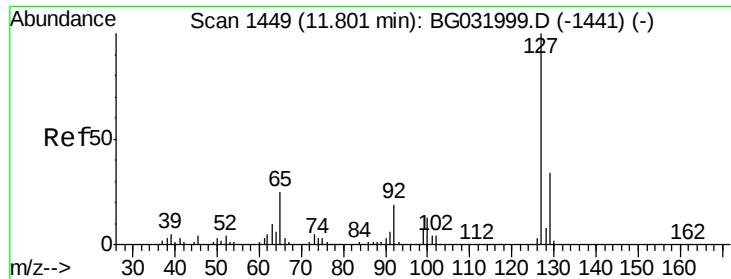
Tgt Ion:128 Resp: 77397
Ion Ratio Lower Upper
128 100
129 10.4 8.6 12.8
127 11.3 11.6 17.4#



#32
Benzoic acid
Concen: 5.282 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.08 min
Lab File: BG032130.D
Acq: 18 Jan 2018 9:38

Tgt Ion:122 Resp: 58
Ion Ratio Lower Upper
122 100
105 0.0 123.5 163.5#
77 0.0 85.7 125.7#

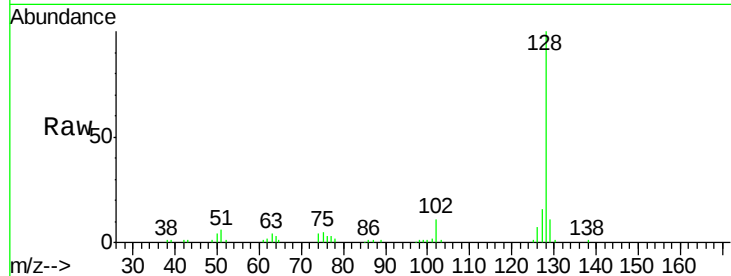




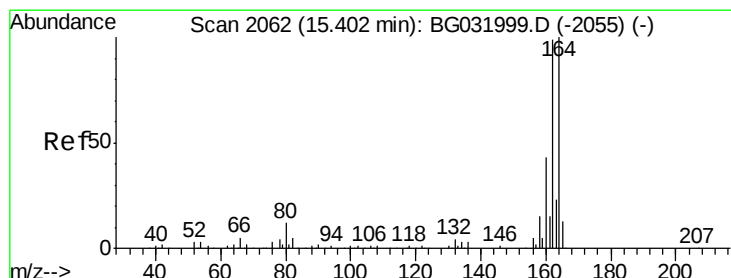
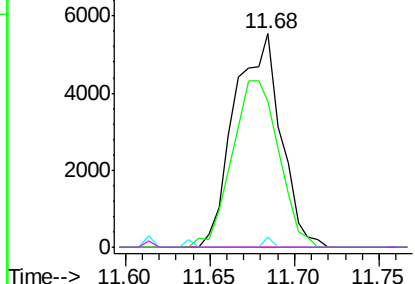
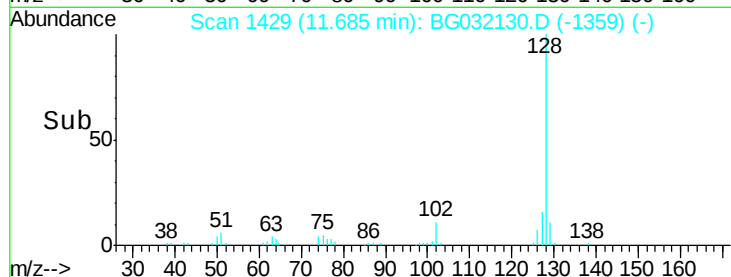
#33
4-Chloroaniline
Concen: 2.817 ng
RT: 11.68 min Scan# 1429
Delta R.T. -0.12 min
Lab File: BG032130.D
Acq: 18 Jan 2018 9:38

Instrument :
BNA_G
ClientSampleId :
TP-1-(0-4)

Tgt Ion:	127	Resp:	10558
Ion	Ratio	Lower	Upper
127	100		
129	68.2	24.0	36.0#
65	4.7	27.0	40.4#
92	0.0	16.6	25.0#

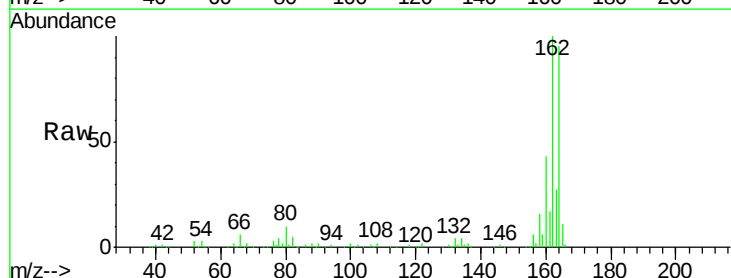


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

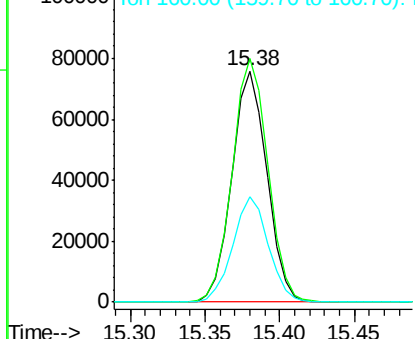
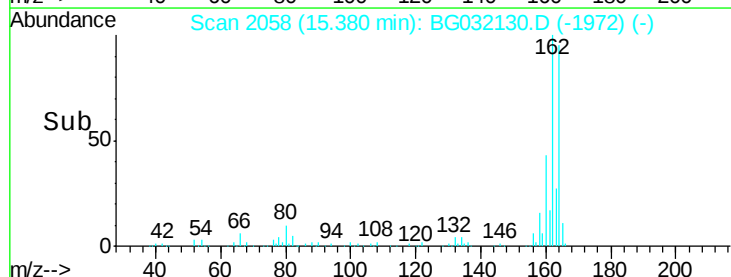


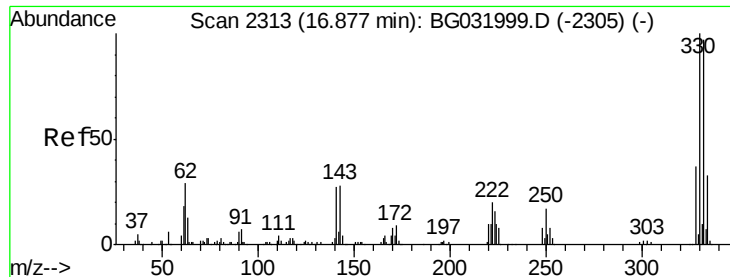
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.38 min Scan# 2058
Delta R.T. -0.02 min
Lab File: BG032130.D
Acq: 18 Jan 2018 9:38

Tgt Ion:	164	Resp:	123718
Ion	Ratio	Lower	Upper
164	100		
162	105.5	78.8	118.2
160	45.7	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

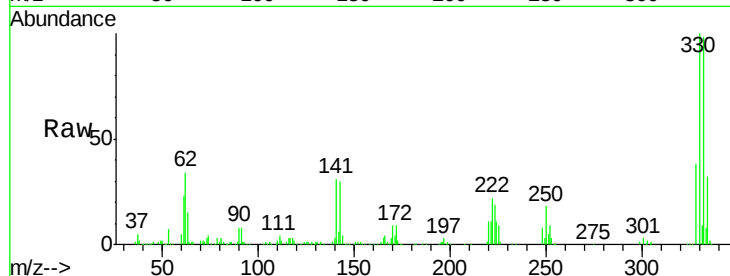




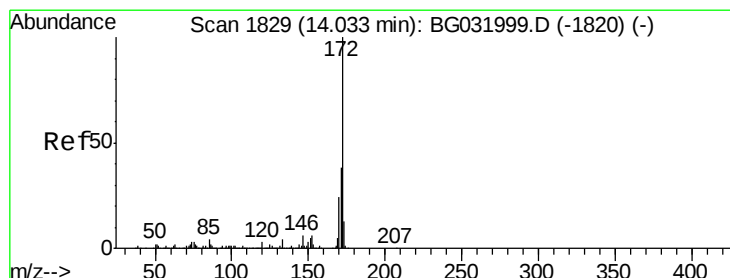
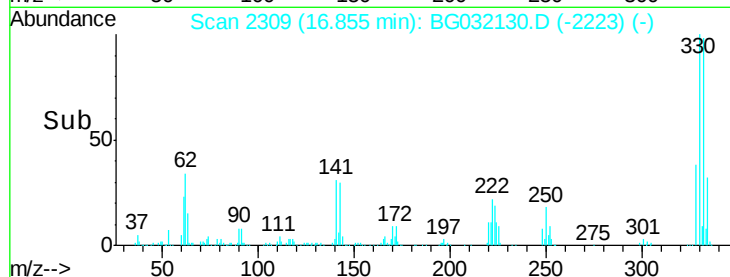
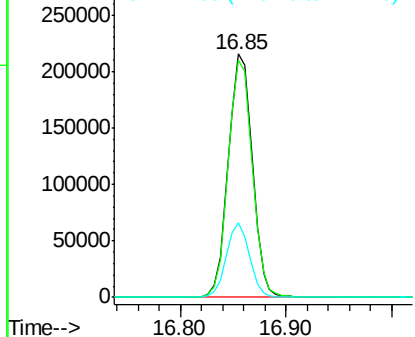
#41
 2,4,6-Tribromophenol
 Concen: 165.238 ng
 RT: 16.85 min Scan# 2309
 Delta R.T. -0.02 min
 Lab File: BG032130.D
 Acq: 18 Jan 2018 9:38

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-(0-4)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	29.4	25.2	37.8

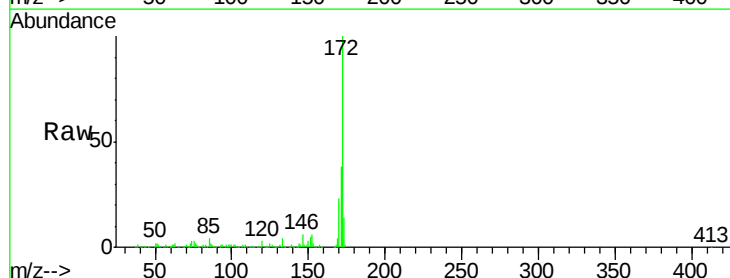


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

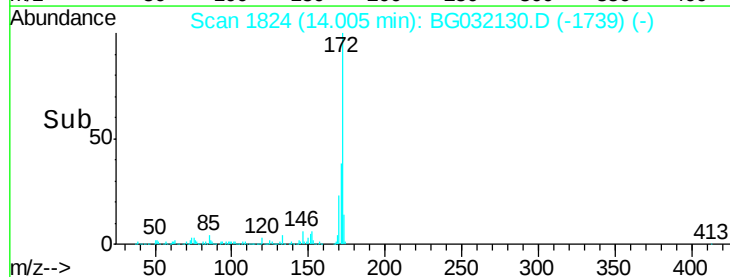
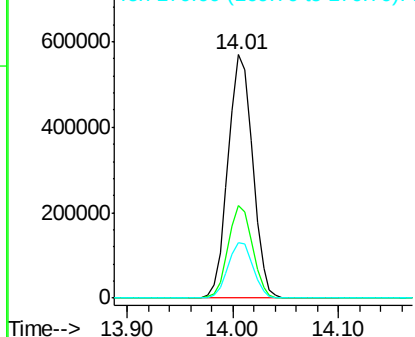


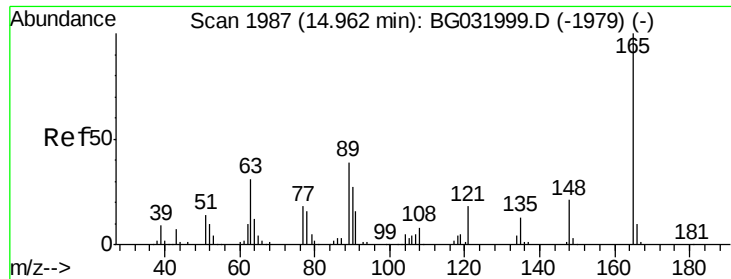
#44
 2-Fluorobiphenyl
 Concen: 91.592 ng
 RT: 14.01 min Scan# 1824
 Delta R.T. -0.03 min
 Lab File: BG032130.D
 Acq: 18 Jan 2018 9:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	22.9	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

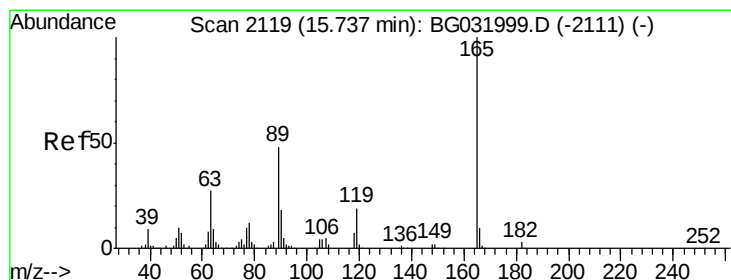
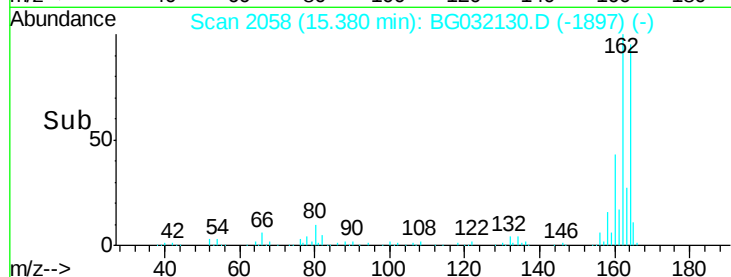
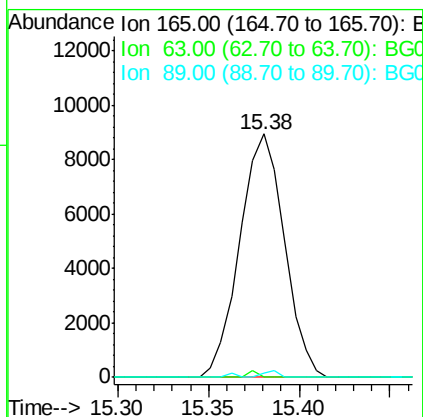
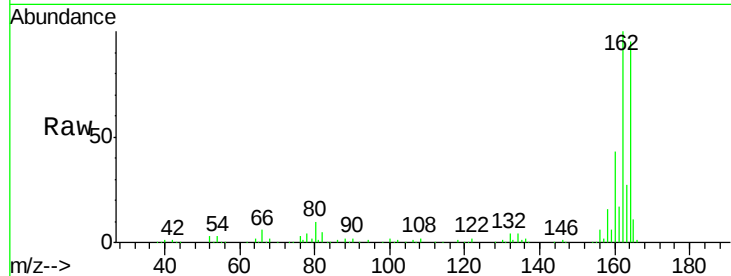




#50
 2,6-Dinitrotoluene
 Concen: 6.803 ng
 RT: 15.38 min Scan# 2058
 Delta R.T. 0.42 min
 Lab File: BG032130.D
 Acq: 18 Jan 2018 9:38

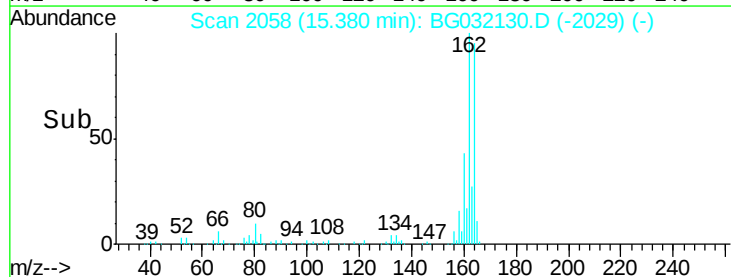
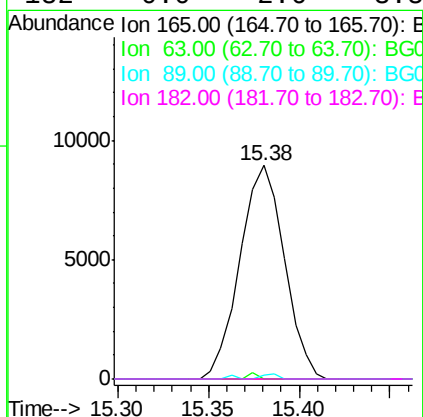
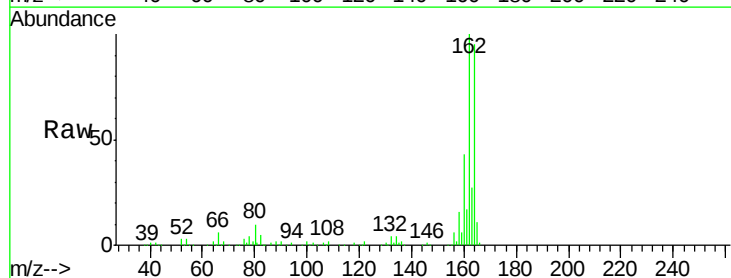
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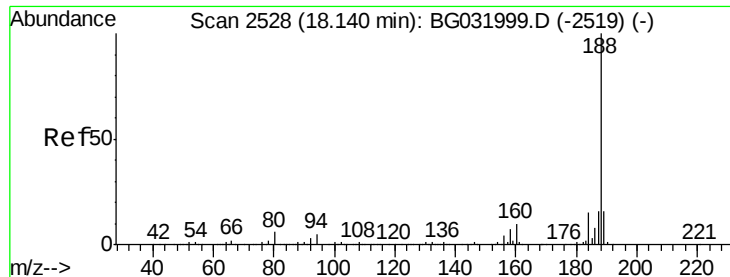
Tgt Ion:165 Resp: 15287
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 1.7 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.053 ng
 RT: 15.38 min Scan# 2058
 Delta R.T. -0.36 min
 Lab File: BG032130.D
 Acq: 18 Jan 2018 9:38

Tgt Ion:165 Resp: 15287
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 1.7 66.9 100.3#
 182 0.0 2.6 3.8#

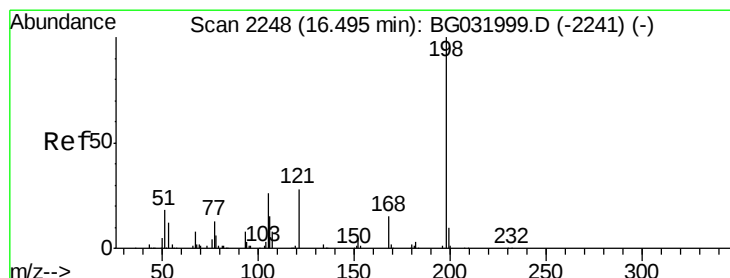
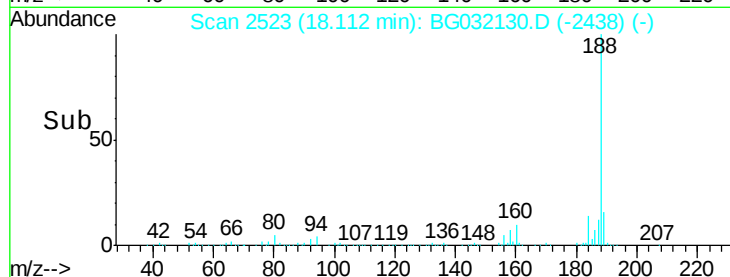
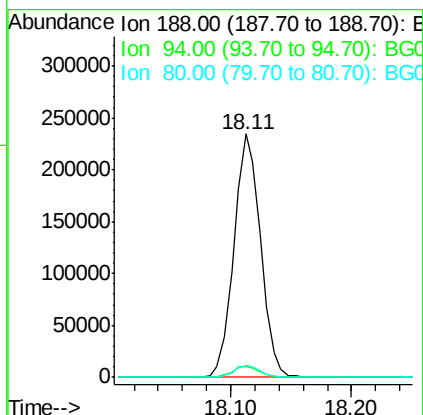
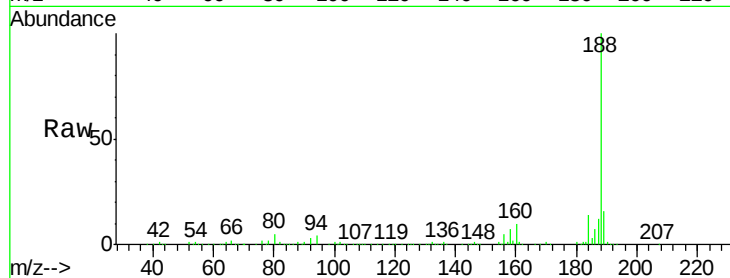




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.11 min Scan# 2523
 Delta R.T. -0.03 min
 Lab File: BG032130.D
 Acq: 18 Jan 2018 9:38

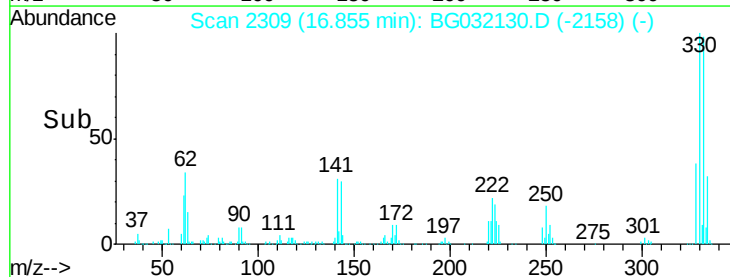
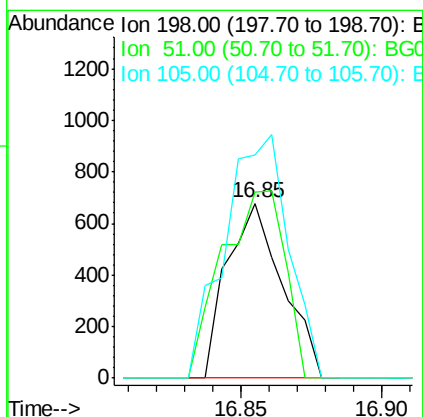
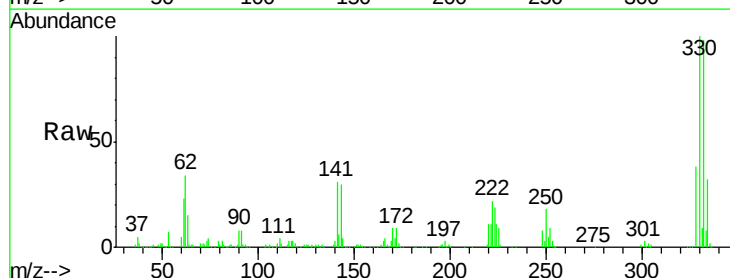
Instrument :
 BNA_G
 ClientSampleId :
 TP-1-(0-4)

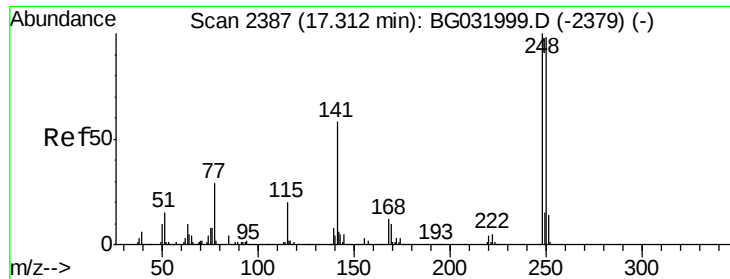
Tgt Ion:188 Resp: 359336
 Ion Ratio Lower Upper
 188 100
 94 4.2 6.9 10.3#
 80 4.9 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.244 ng
 RT: 16.85 min Scan# 2309
 Delta R.T. 0.36 min
 Lab File: BG032130.D
 Acq: 18 Jan 2018 9:38

Tgt Ion:198 Resp: 922
 Ion Ratio Lower Upper
 198 100
 51 106.6 30.6 70.6#
 105 127.6 23.8 63.8#

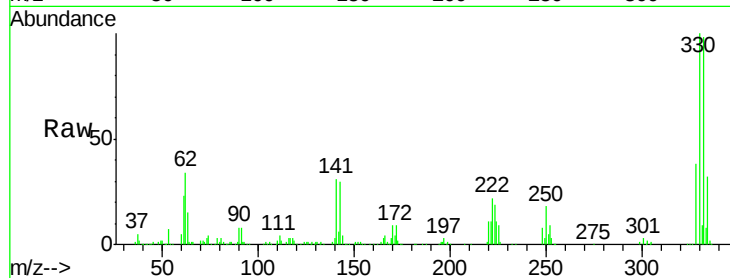




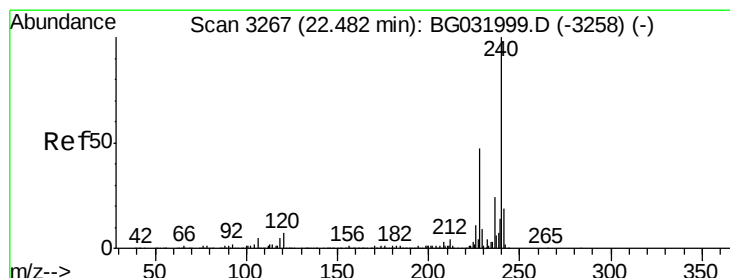
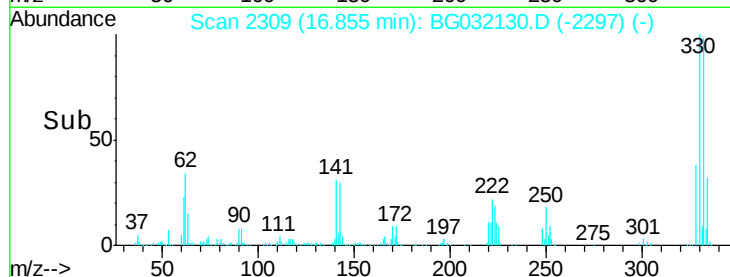
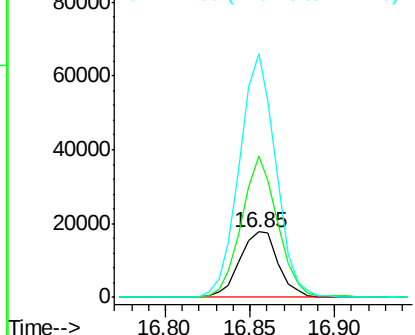
#66
 4-Bromophenyl-phenylether
 Concen: 5.536 ng
 RT: 16.85 min Scan# 2309
 Delta R.T. -0.46 min
 Lab File: BG032130.D
 Acq: 18 Jan 2018 9:38

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-(0-4)

Tgt Ion:248 Resp: 28306
 Ion Ratio Lower Upper
 248 100
 250 217.6 77.1 115.7#
 141 374.2 50.8 76.2#

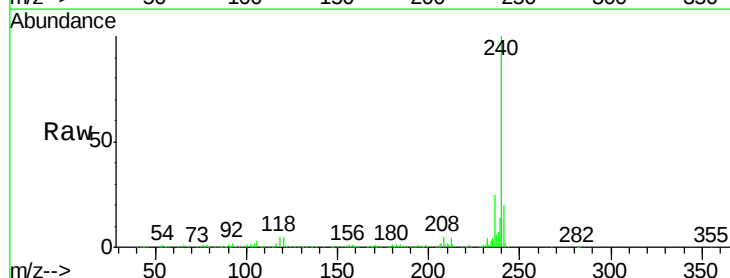


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

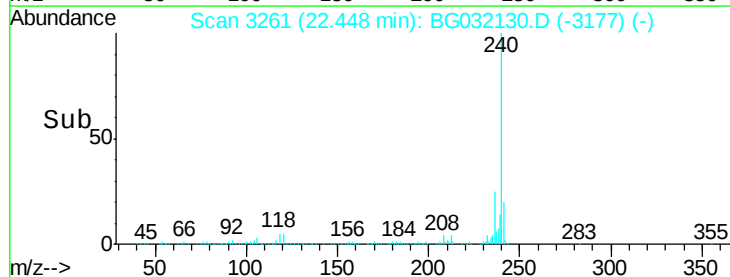
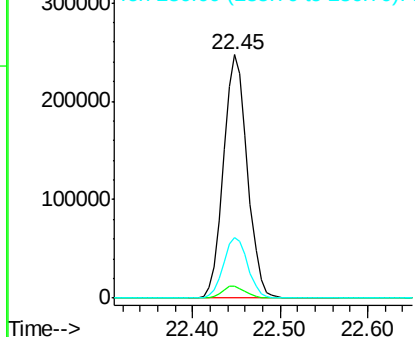


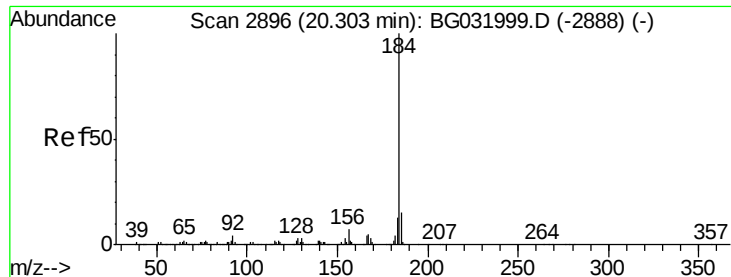
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.45 min Scan# 3261
 Delta R.T. -0.03 min
 Lab File: BG032130.D
 Acq: 18 Jan 2018 9:38

Tgt Ion:240 Resp: 460079
 Ion Ratio Lower Upper
 240 100
 120 5.0 6.8 10.2#
 236 25.0 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

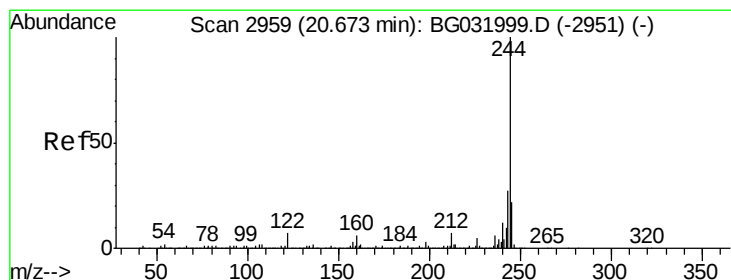
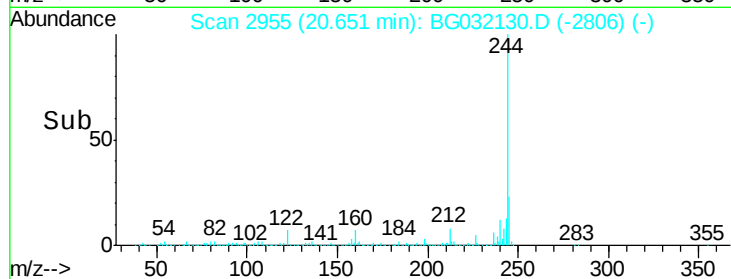
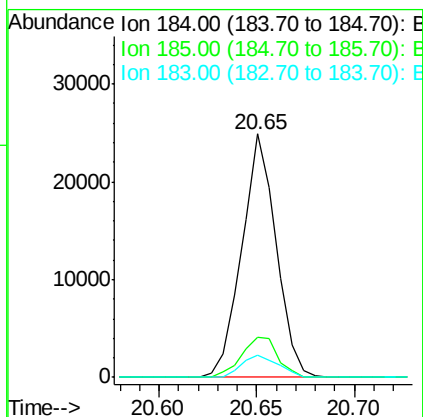
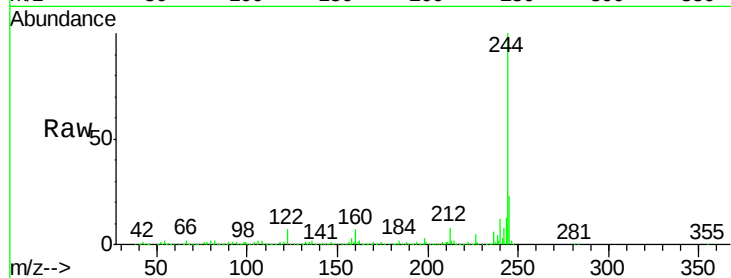




#76
Benzidine
Concen: 2.637 ng
RT: 20.65 min Scan# 2955
Delta R.T. 0.35 min
Lab File: BG032130.D
Acq: 18 Jan 2018 9:38

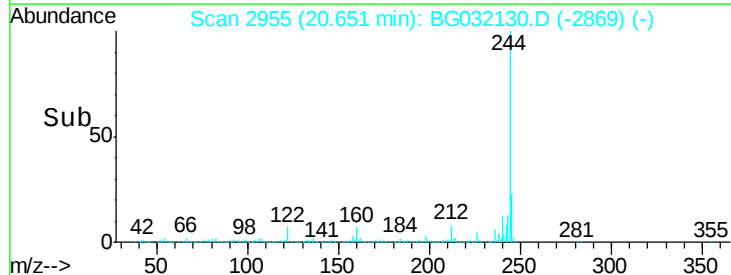
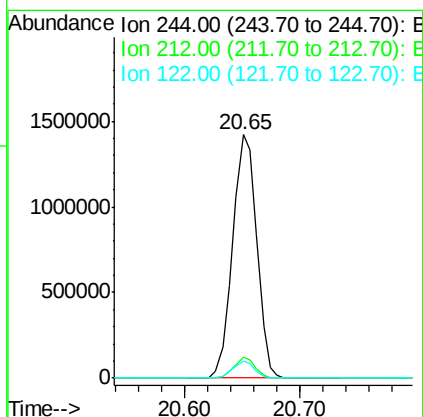
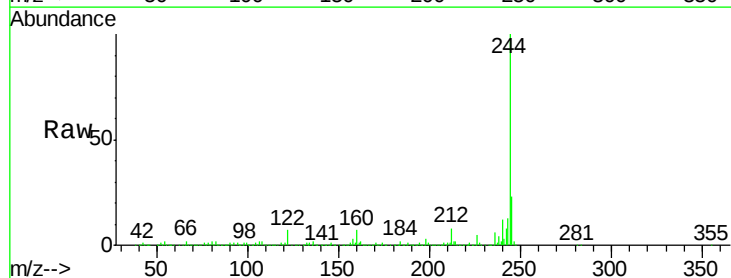
Instrument :
BNA_G
ClientSampleId :
TP-1-(0-4)

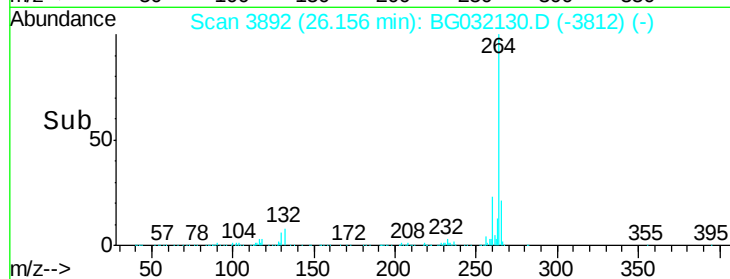
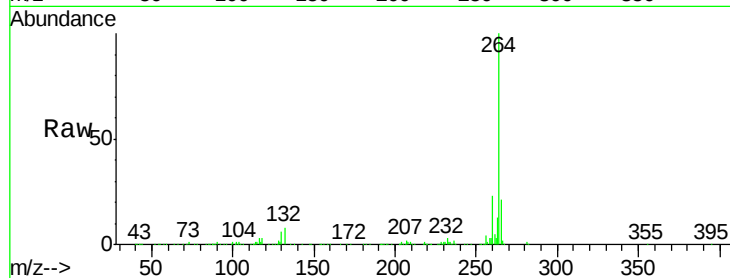
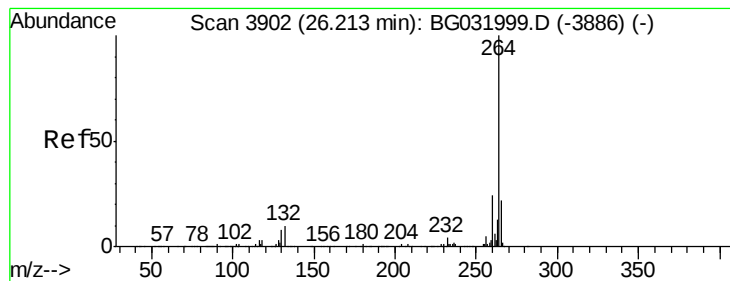
Tgt Ion:184 Resp: 30342
Ion Ratio Lower Upper
184 100
185 16.4 11.1 16.7
183 9.0 10.6 16.0#



#78
Terphenyl-d14
Concen: 98.359 ng
RT: 20.65 min Scan# 2955
Delta R.T. -0.02 min
Lab File: BG032130.D
Acq: 18 Jan 2018 9:38

Tgt Ion:244 Resp: 2049463
Ion Ratio Lower Upper
244 100
212 8.4 5.8 8.8
122 6.8 7.0 10.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 26.16 min Scan# 3892

Delta R.T. -0.06 min

Lab File: BG032130.D

Acq: 18 Jan 2018 9:38

Instrument :

BNA_G

ClientSampleId :

TP-1-(0-4)

Tgt Ion: 264 Resp: 487230

Ion Ratio Lower Upper

264 100

260 23.0 17.4 26.0

265 21.5 17.7 26.5

