

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG010518\
 Data File : BG031934.D
 Acq On : 5 Jan 2018 16:00
 Operator : SJ/JU
 Sample : J1011-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-010318-A

Quant Time: Jan 05 16:34:54 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 05 15:31:34 2018
 Response via : Initial Calibration

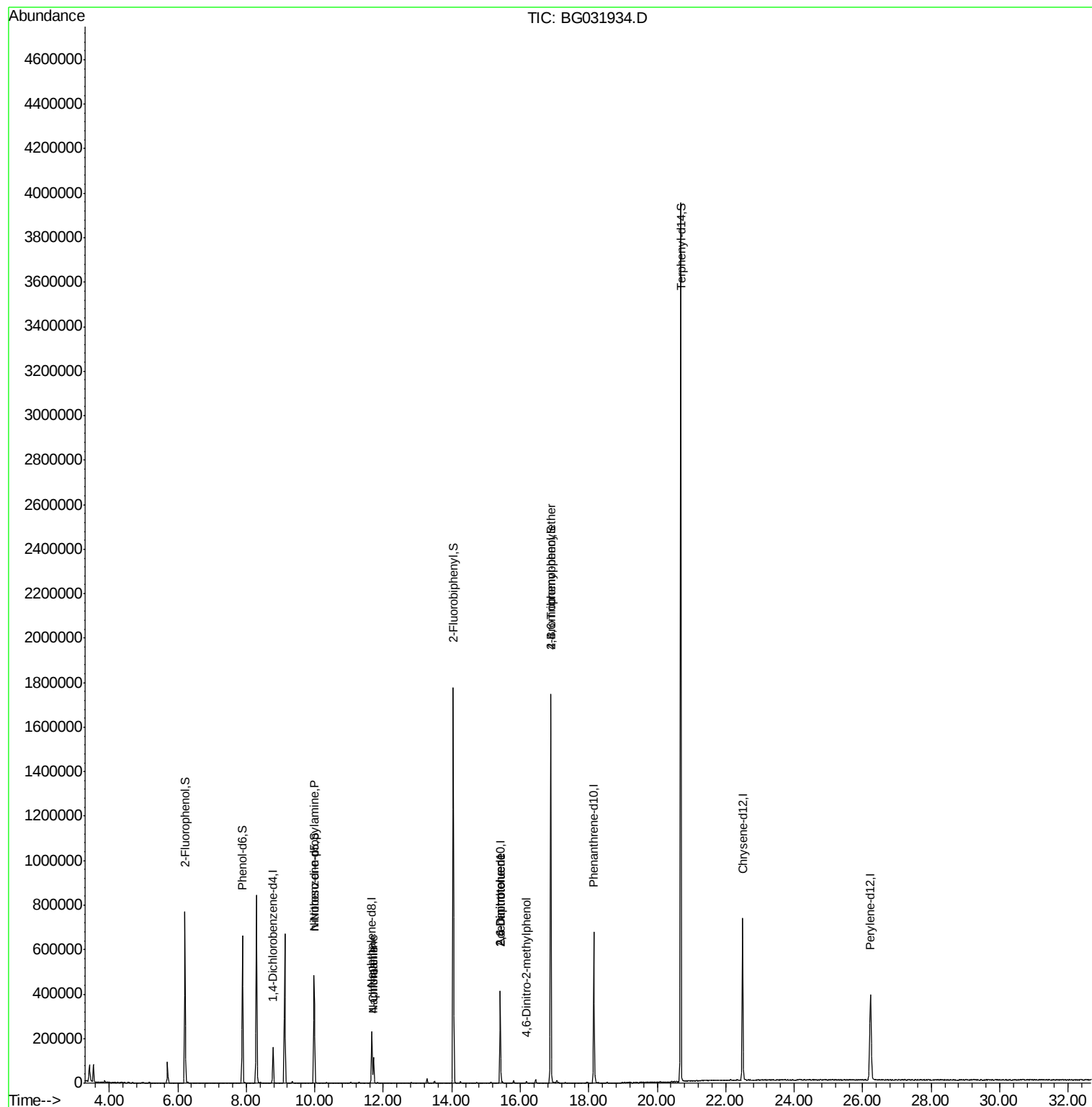
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	54993	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	230047	20.00	ng	0.00
38) Acenaphthene-d10	15.42	164	159550	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	454083	20.00	ng	-0.01
75) Chrysene-d12	22.49	240	541262	20.00	ng	-0.03
86) Perylene-d12	26.23	264	533538	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	408503	135.30	ng	0.00
7) Phenol-d6	7.89	99	467301	119.21	ng	0.00
23) Nitrobenzene-d5	9.98	82	322099	105.73	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	414923	170.43	ng	-0.01
44) 2-Fluorobiphenyl	14.05	172	1092450	85.94	ng	0.00
78) Terphenyl-d14	20.69	244	2201412	92.92	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.99	70	42642	15.928	ng	Qvalue # 70
31) Naphthalene	11.72	128	108313	9.329	ng	# 98
33) 4-Chloroaniline	11.72	127	15522	3.003	ng	# 35
50) 2,6-Dinitrotoluene	15.42	165	20249	7.831	ng	# 21
56) 2,4-Dinitrotoluene	15.42	165	20249	6.090	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.17	198	78	8.335	ng	# 29
66) 4-Bromophenyl-phenylether	16.89	248	34305	5.224	ng	# 1

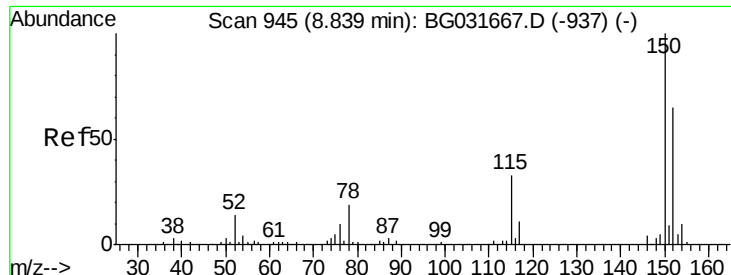
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG010518\
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BNA_G
ClientSampleId :
HR-06-010318-A

Quant Time: Jan 05 16:34:54 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 05 15:31:34 2018
Response via : Initial Calibration



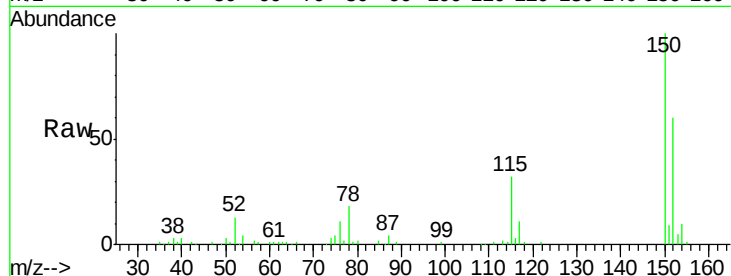


#1

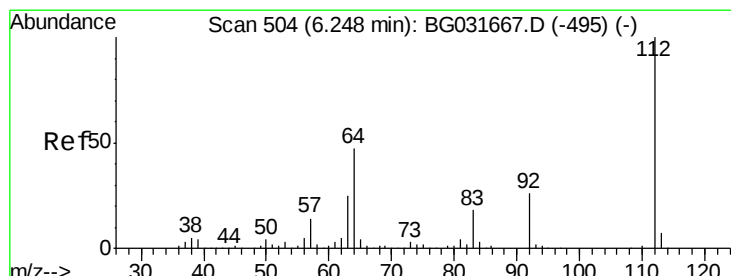
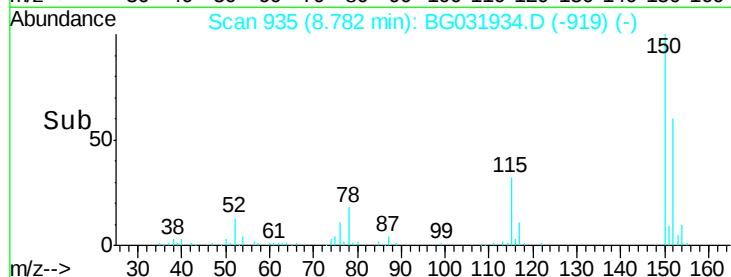
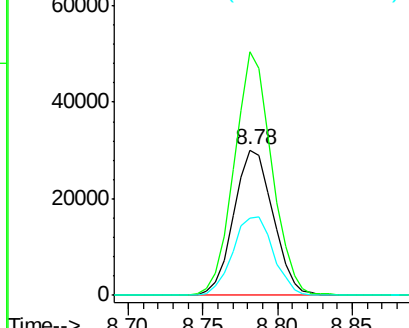
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG031934.D
Acq: 5 Jan 2018 16:00

Instrument :
BNA_G
ClientSampleId :
HR-06-010318-A

Tgt Ion:152 Resp: 54993
Ion Ratio Lower Upper
152 100
150 167.6 126.6 189.8
115 53.6 53.0 79.4



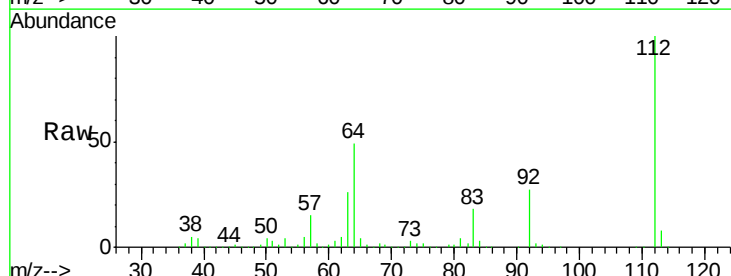
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



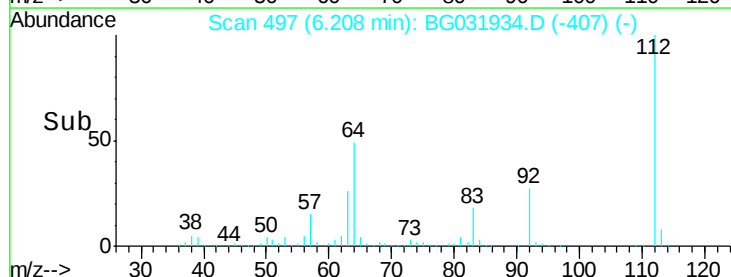
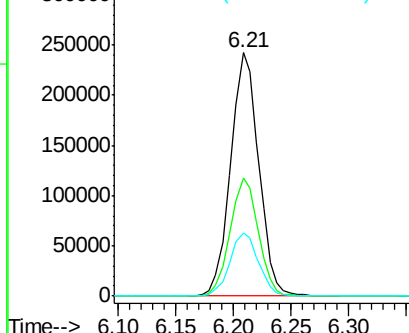
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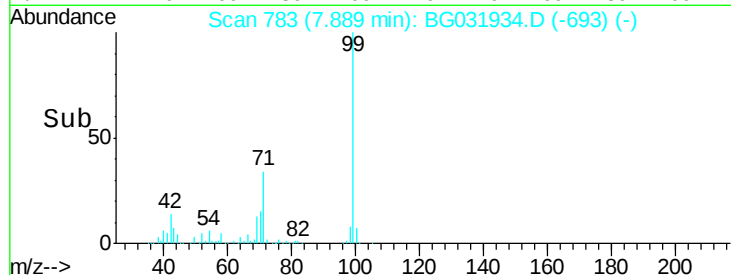
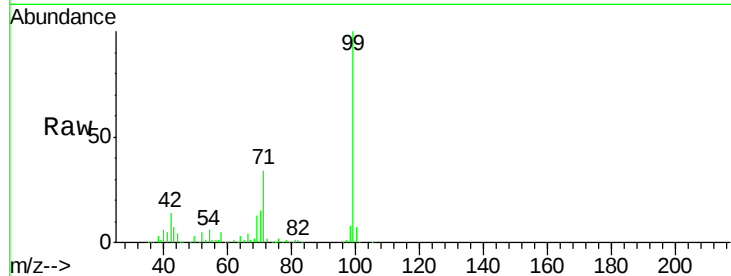
2-Fluorophenol
Concen: 135.297 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.00 min
Lab File: BG031934.D
Acq: 5 Jan 2018 16:00

Tgt Ion:112 Resp: 408503
Ion Ratio Lower Upper
112 100
64 48.6 56.3 84.5#
63 26.1 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 119.208 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG031934.D

Acq: 5 Jan 2018 16:00

Instrument :

BNA_G

ClientSampleId :

HR-06-010318-A

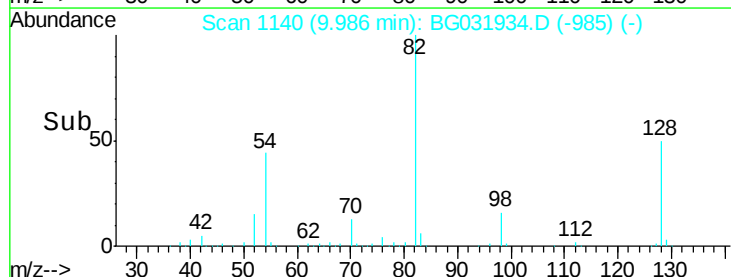
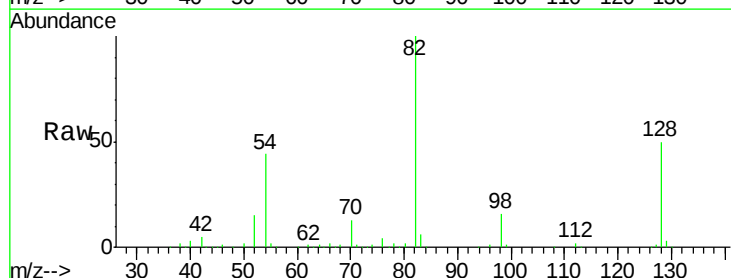
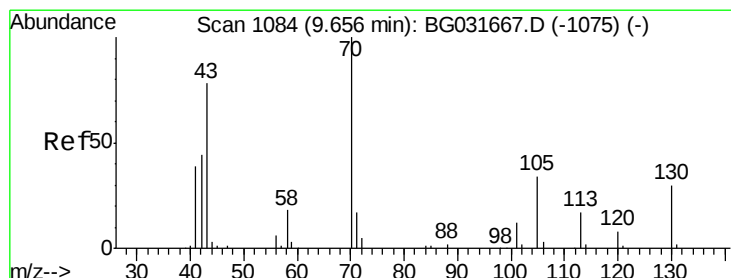
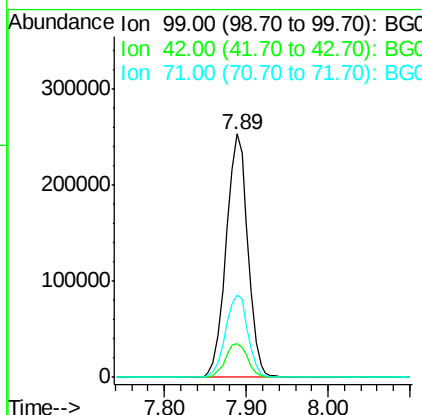
Tgt Ion: 99 Resp: 467301

Ion Ratio Lower Upper

99 100

42 13.9 14.1 21.1#

71 33.9 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 15.928 ng

RT: 9.99 min Scan# 1140

Delta R.T. 0.38 min

Lab File: BG031934.D

Acq: 5 Jan 2018 16:00

Tgt Ion: 70 Resp: 42642

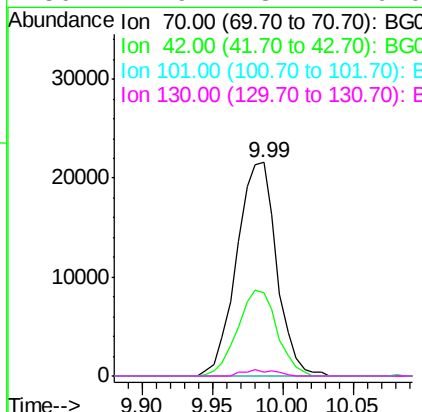
Ion Ratio Lower Upper

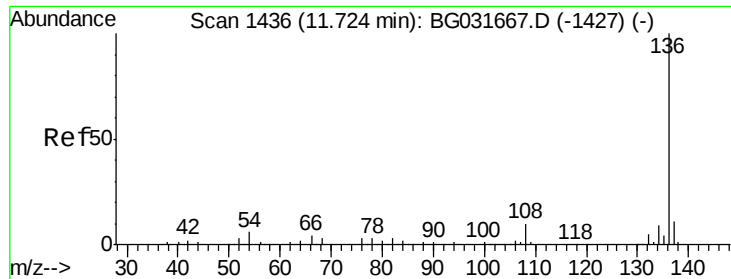
70 100

42 39.1 49.1 73.7#

101 0.0 8.5 12.7#

130 1.9 13.4 20.0#

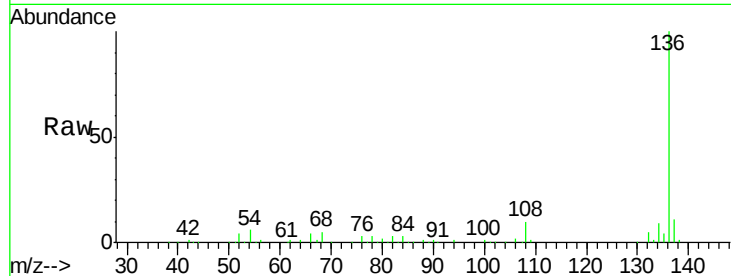




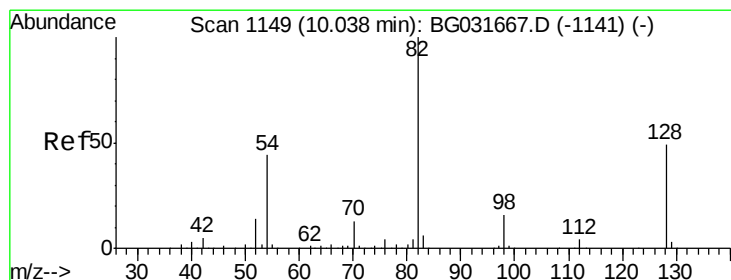
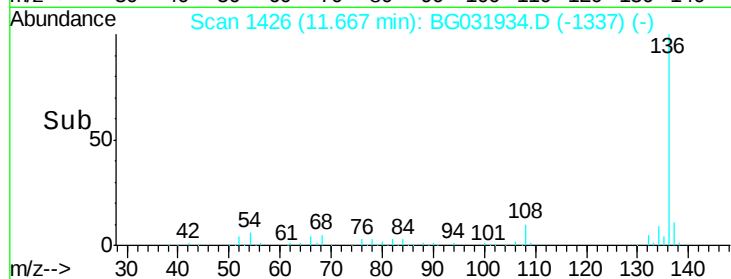
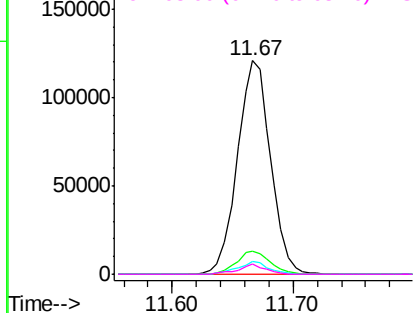
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BG031934.D
Acq: 5 Jan 2018 16:00

Instrument :
BNA_G
ClientSampleId :
HR-06-010318-A

Tgt Ion:	136	Resp:	230047
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	5.9	10.3	15.5#
68	4.5	4.5	6.7

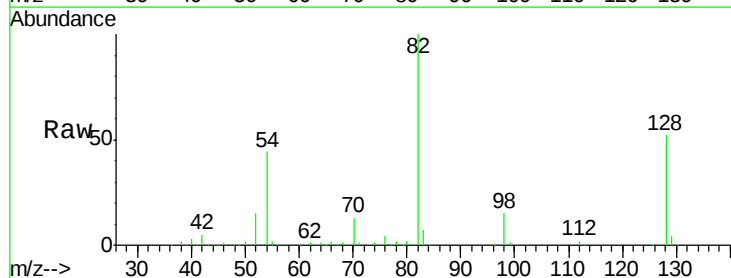


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

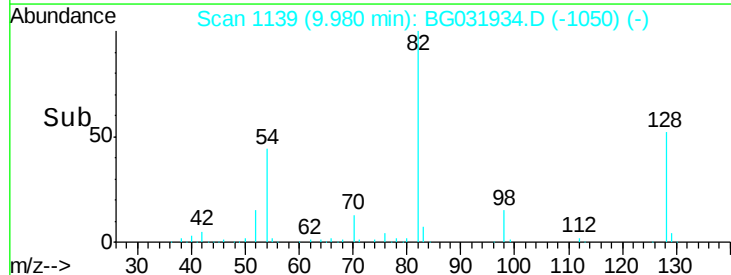
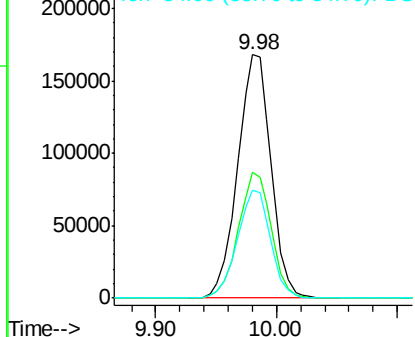


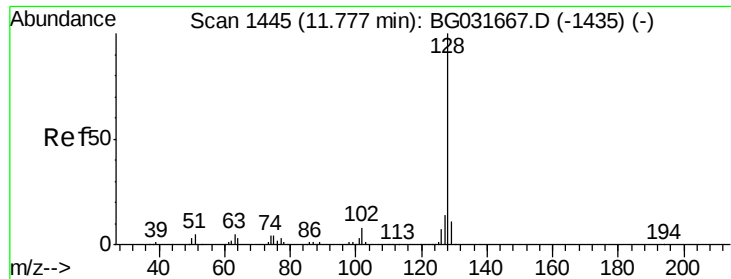
#23
Nitrobenzene-d5
Concen: 105.728 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG031934.D
Acq: 5 Jan 2018 16:00

Tgt Ion:	82	Resp:	322099
Ion	Ratio	Lower	Upper
82	100		
128	51.8	29.7	44.5#
54	44.5	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

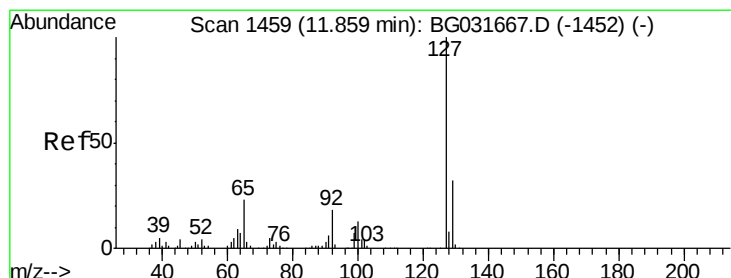
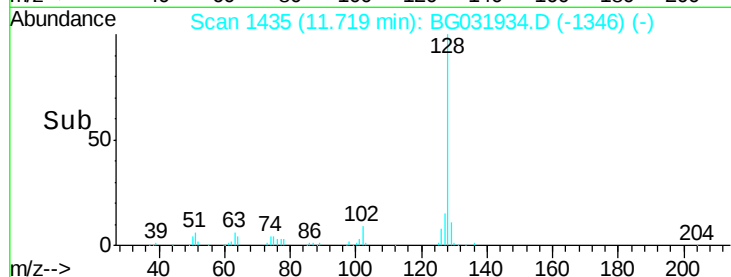
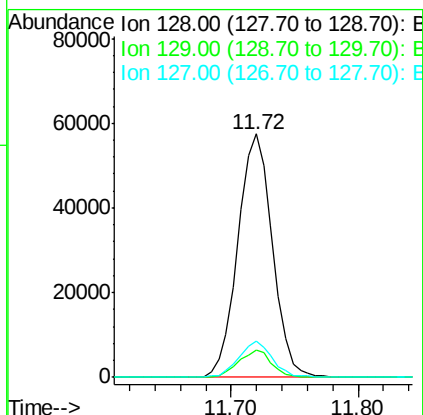
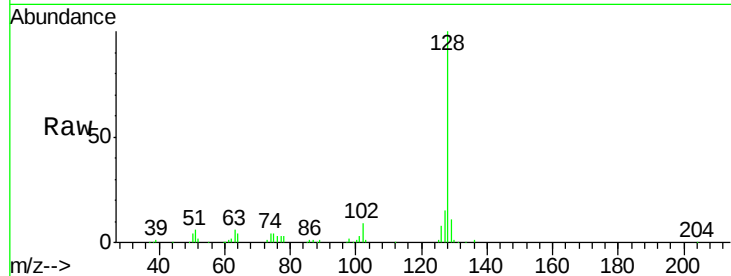




#31
Naphthalene
Concen: 9.329 ng
RT: 11.72 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BG031934.D
Acq: 5 Jan 2018 16:00

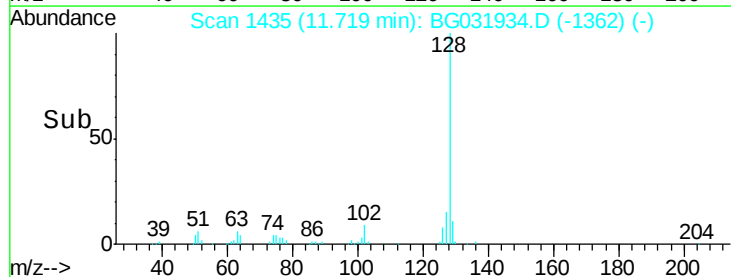
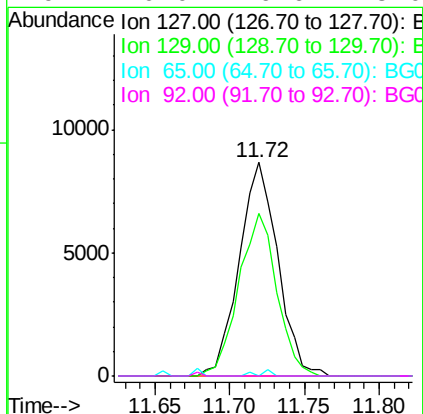
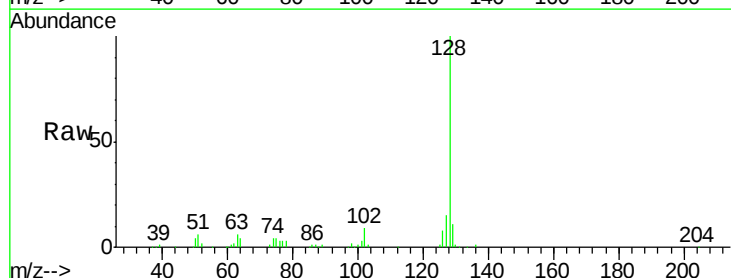
Instrument :
BNA_G
ClientSampleId :
HR-06-010318-A

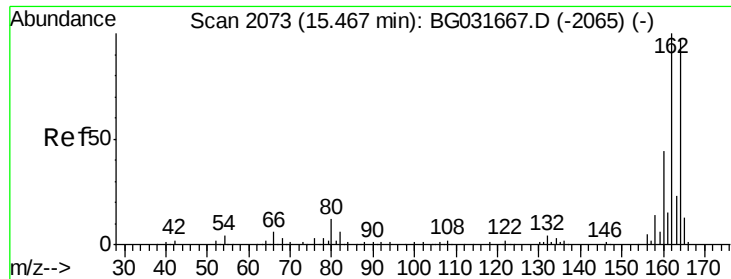
Tgt Ion:128 Resp: 108313
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 15.1 11.6 17.4



#33
4-Chloroaniline
Concen: 3.003 ng
RT: 11.72 min Scan# 1435
Delta R.T. -0.10 min
Lab File: BG031934.D
Acq: 5 Jan 2018 16:00

Tgt Ion:127 Resp: 15522
Ion Ratio Lower Upper
127 100
129 75.9 24.0 36.0#
65 0.0 27.0 40.4#
92 0.0 16.6 25.0#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.42 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BG031934.D

Acq: 5 Jan 2018 16:00

Instrument :

BNA_G

ClientSampleId :

HR-06-010318-A

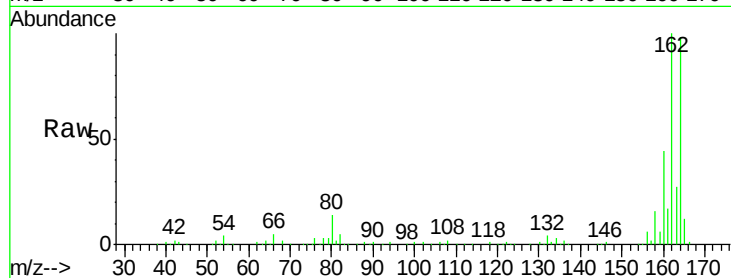
Tgt Ion:164 Resp: 159550

Ion Ratio Lower Upper

164 100

162 102.1 78.8 118.2

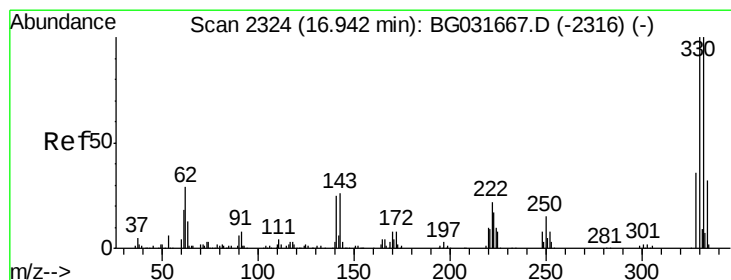
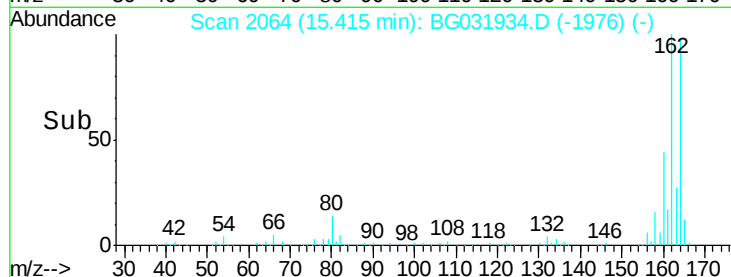
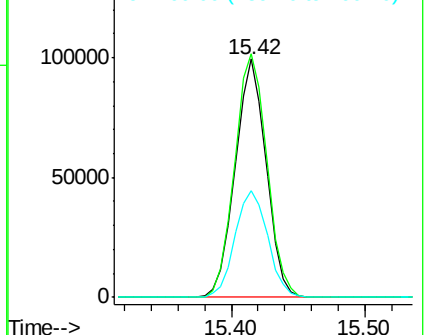
160 44.5 35.4 53.0



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: 170.434 ng

RT: 16.89 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BG031934.D

Acq: 5 Jan 2018 16:00

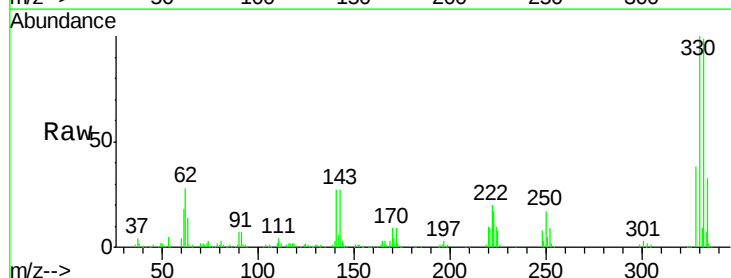
Tgt Ion:330 Resp: 414923

Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.6

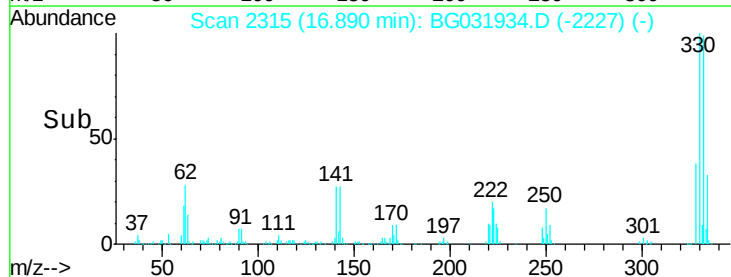
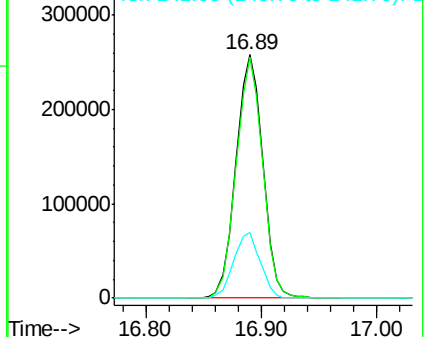
141 26.9 25.2 37.8

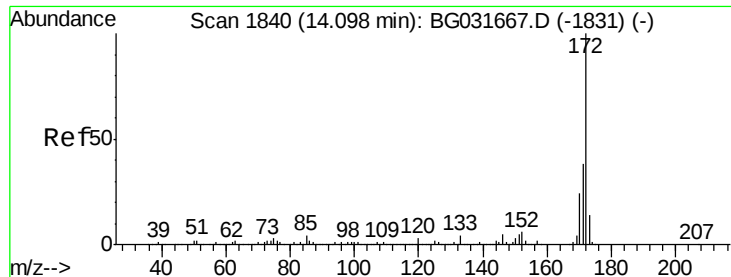


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

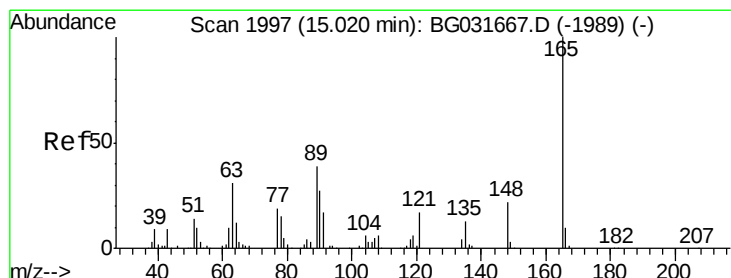
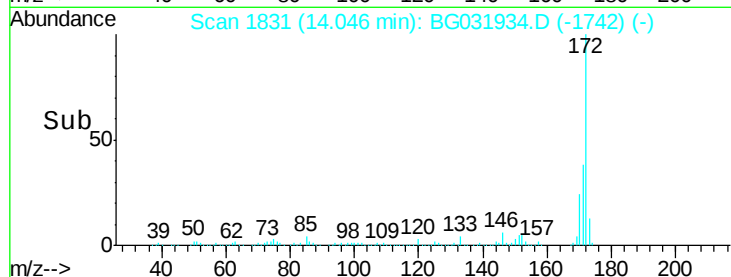
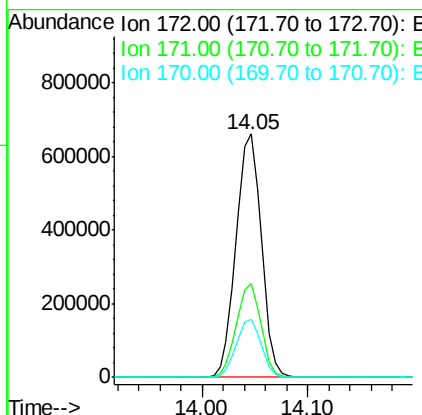
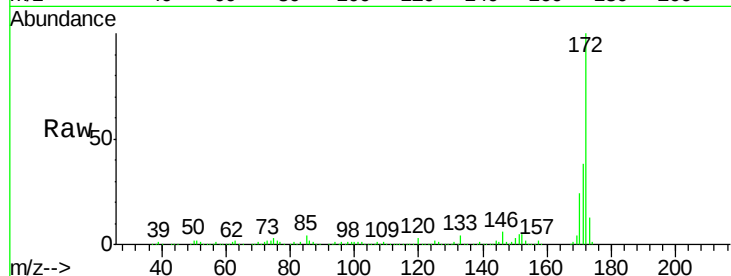




#44
 2-Fluorobiphenyl
 Concen: 85.940 ng
 RT: 14.05 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BG031934.D
 Acq: 5 Jan 2018 16:00

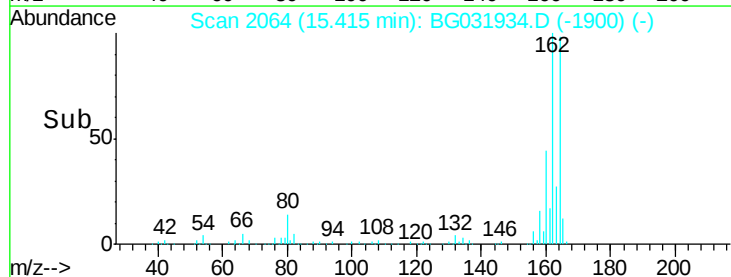
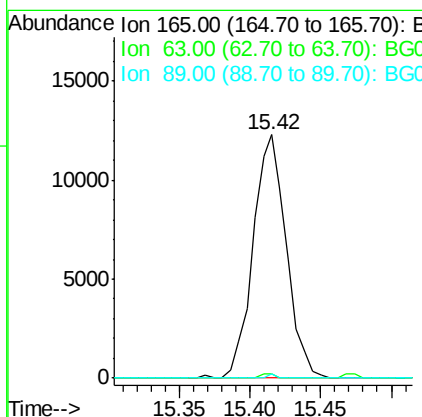
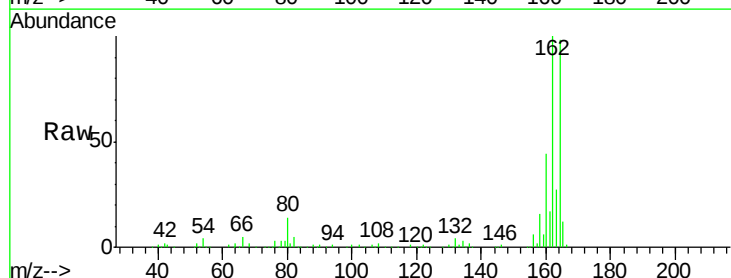
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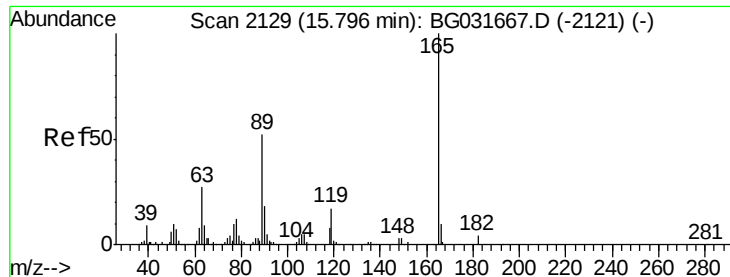
Tgt Ion:172 Resp: 1092450
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.0 45.0
 170 23.8 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.831 ng
 RT: 15.42 min Scan# 2064
 Delta R.T. 0.43 min
 Lab File: BG031934.D
 Acq: 5 Jan 2018 16:00

Tgt Ion:165 Resp: 20249
 Ion Ratio Lower Upper
 165 100
 63 1.6 52.7 79.1#
 89 2.0 49.2 73.8#





#56

2,4-Dinitrotoluene

Concen: 6.090 ng

RT: 15.42 min Scan# 2064

Delta R.T. -0.34 min

Lab File: BG031934.D

Acq: 5 Jan 2018 16:00

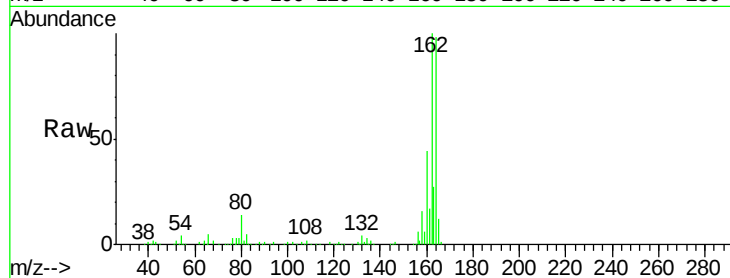
Instrument :

BNA_G

ClientSampleId :

HR-06-010318-A

Tgt Ion:	165	Resp:	20249
Ion Ratio	Lower	Upper	
165	100		
63	1.6	42.0	63.0#
89	2.0	66.9	100.3#
182	0.0	2.6	3.8#

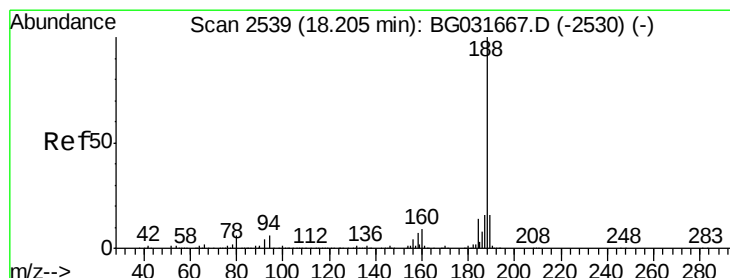
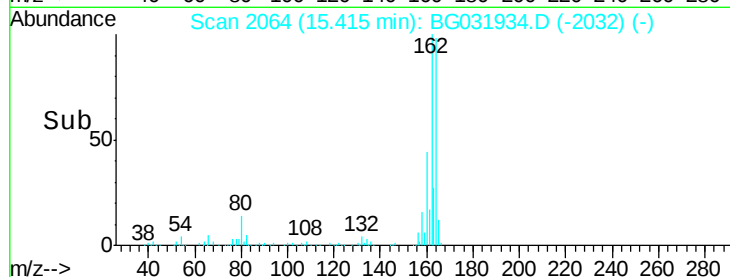
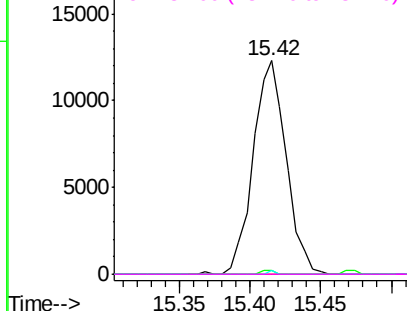


Abundance Ion 165.00 (164.70 to 165.70): E

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

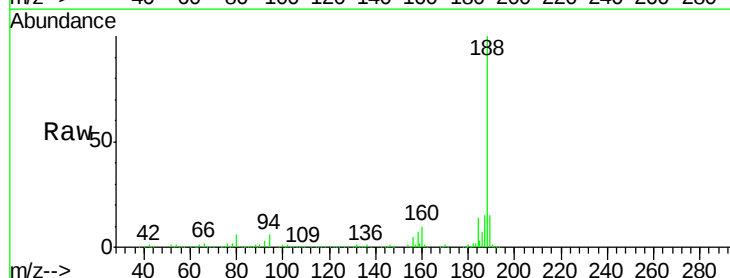
RT: 18.15 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BG031934.D

Acq: 5 Jan 2018 16:00

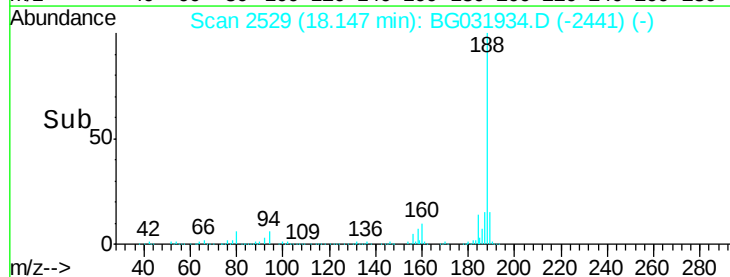
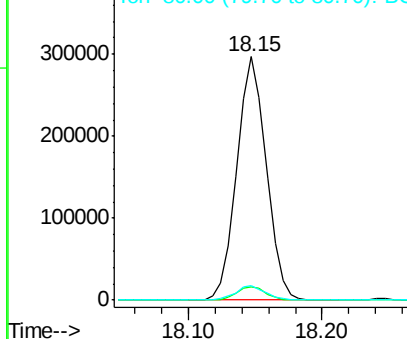
Tgt Ion:	188	Resp:	454083
Ion Ratio	Lower	Upper	
188	100		
94	5.5	6.9	10.3#
80	6.1	7.7	11.5#

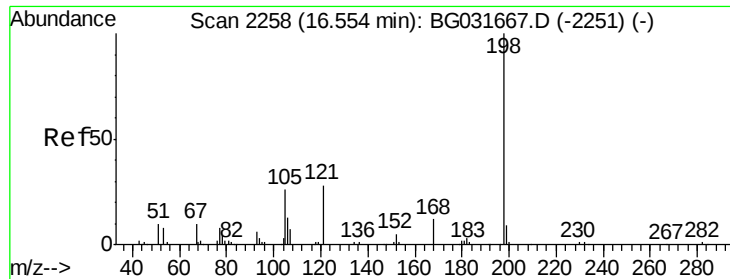


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

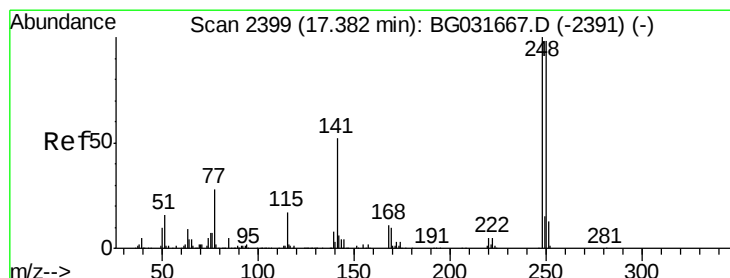
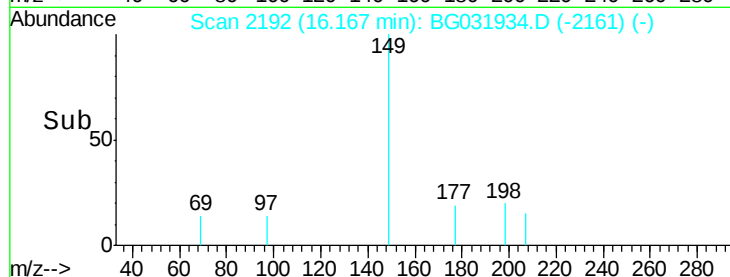
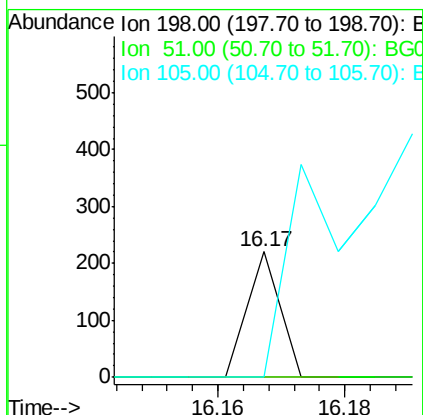
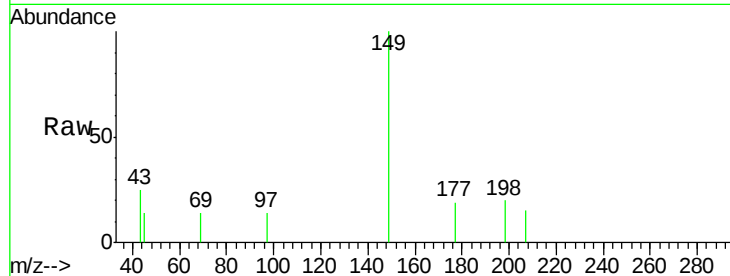




#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.335 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.35 min
 Lab File: BG031934.D
 Acq: 5 Jan 2018 16:00

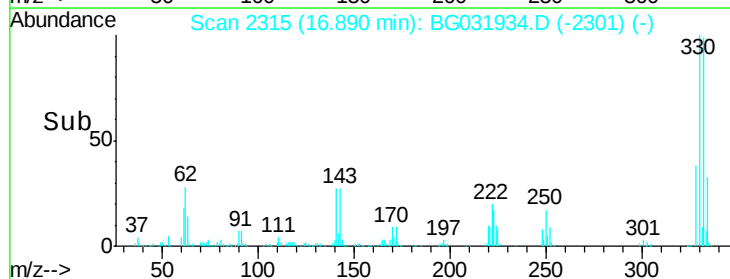
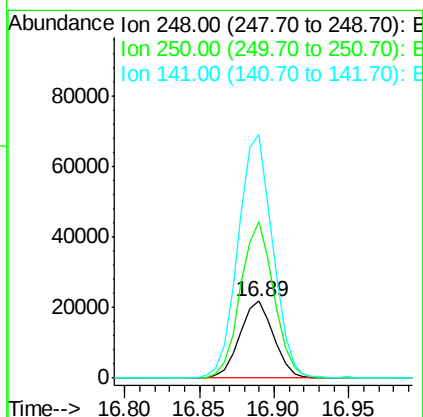
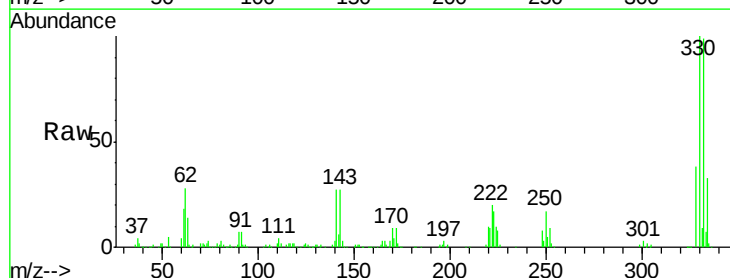
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-010318-A

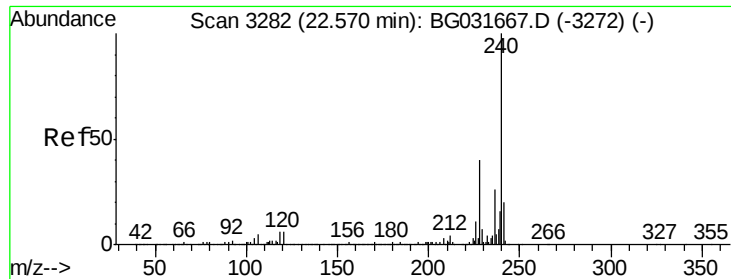
Tgt Ion:198 Resp: 78
 Ion Ratio Lower Upper
 198 100
 51 0.0 30.6 70.6#
 105 0.0 23.8 63.8#



#66
 4-Bromophenyl-phenylether
 Concen: 5.224 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.45 min
 Lab File: BG031934.D
 Acq: 5 Jan 2018 16:00

Tgt Ion:248 Resp: 34305
 Ion Ratio Lower Upper
 248 100
 250 203.8 77.1 115.7#
 141 317.9 50.8 76.2#

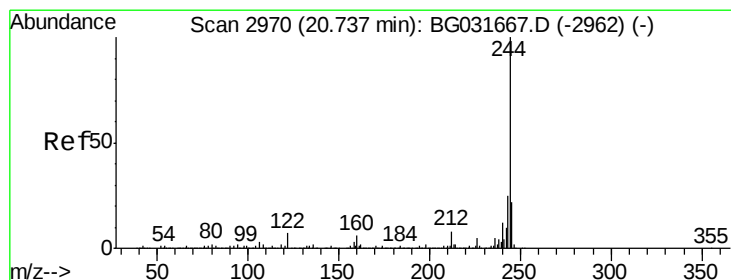
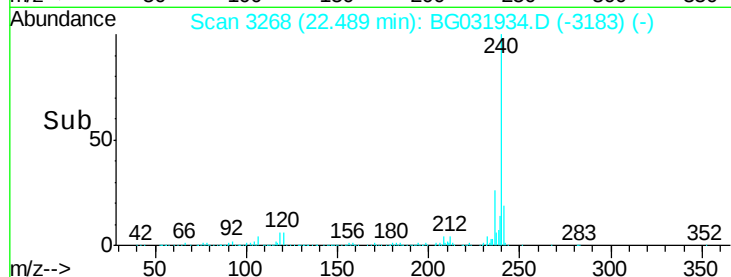
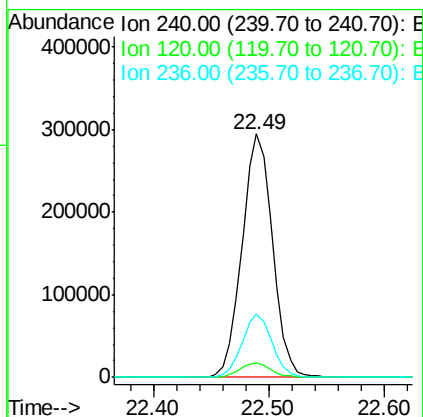
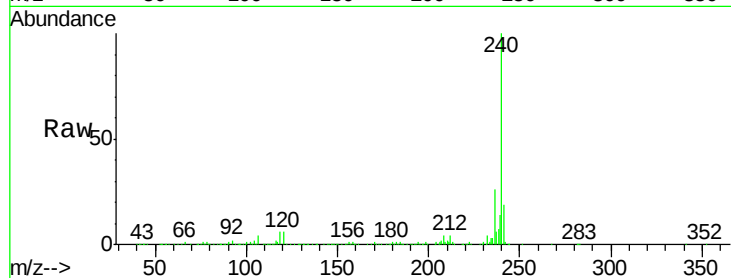




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.49 min Scan# 3268
 Delta R.T. -0.03 min
 Lab File: BG031934.D
 Acq: 5 Jan 2018 16:00

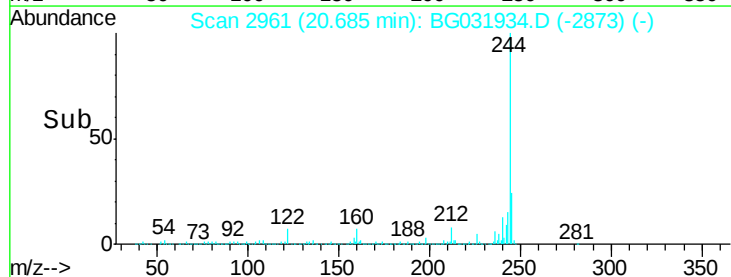
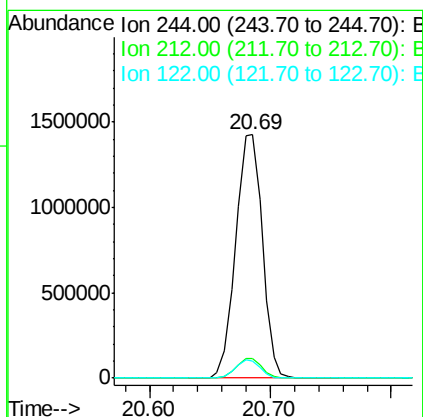
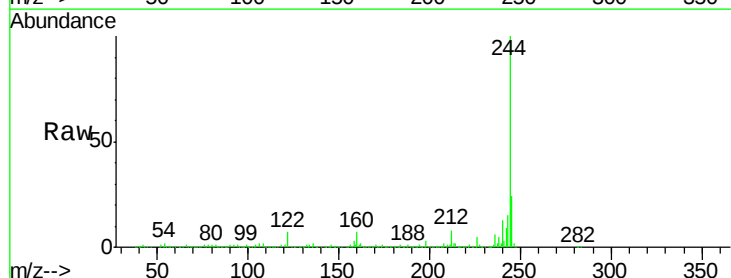
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-010318-A

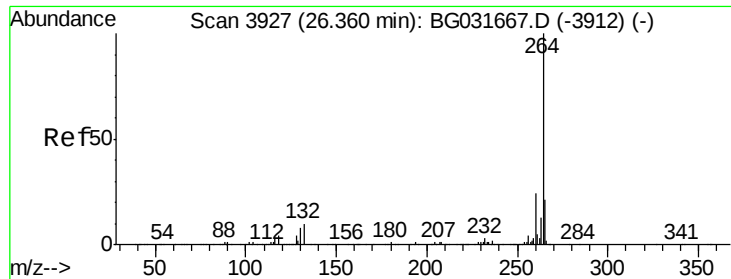
Tgt Ion: 240 Resp: 541262
 Ion Ratio Lower Upper
 240 100
 120 5.7 6.8 10.2#
 236 26.2 20.9 31.3



#78
 Terphenyl-d14
 Concen: 92.921 ng
 RT: 20.69 min Scan# 2961
 Delta R.T. -0.01 min
 Lab File: BG031934.D
 Acq: 5 Jan 2018 16:00

Tgt Ion: 244 Resp: 2201412
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.8 8.8
 122 7.3 7.0 10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.23 min Scan# 3904
Delta R.T. -0.07 min
Lab File: BG031934.D
Acq: 5 Jan 2018 16:00

Instrument :
BNA_G
ClientSampleId :
HR-06-010318-A

Tgt Ion: 264 Resp: 533538

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	22.8	17.7	26.5

