

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122617\
 Data File : BG031765.D
 Acq On : 26 Dec 2017 17:15
 Operator : SJ/JU
 Sample : I7019-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-03

Quant Time: Dec 27 00:24:30 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

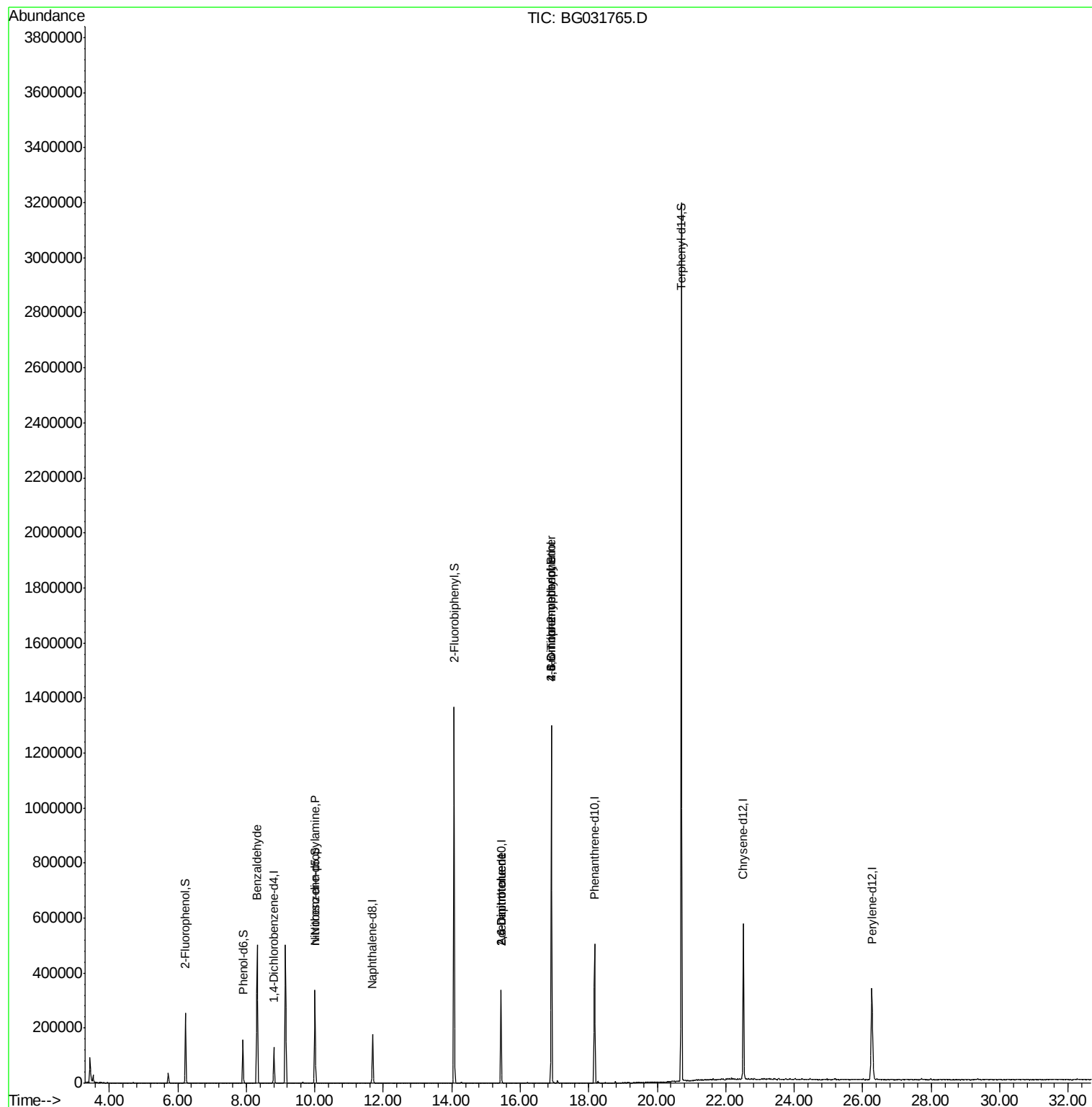
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	46028	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	182600	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	135897	20.00	ng	-0.03
63) Phenanthrene-d10	18.16	188	361446	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	438729	20.00	ng	-0.06
86) Perylene-d12	26.27	264	463580	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	139356	55.14	ng	-0.02
7) Phenol-d6	7.90	99	112303	34.23	ng	-0.03
23) Nitrobenzene-d5	10.00	82	217650	90.01	ng	-0.03
41) 2,4,6-Tribromophenol	16.91	330	306782	147.95	ng	-0.03
44) 2-Fluorobiphenyl	14.06	172	851539	78.65	ng	-0.03
78) Terphenyl-d14	20.70	244	1736934	90.45	ng	-0.03
Target Compounds						
9) Benzaldehyde	8.32	77	6377	3.23	ng	Qvalue 95
19) n-Nitroso-di-n-propylamine	10.00	70	28147	12.56	ng	# 68
50) 2,6-Dinitrotoluene	15.44	165	17789	8.08	ng	# 19
56) 2,4-Dinitrotoluene	15.44	165	17789	6.28	ng	# 17
64) 4,6-Dinitro-2-methylphenol	16.91	198	800	8.68	ng	# 36
66) 4-Bromophenyl-phenylether	16.91	248	24464	4.68	ng	# 1

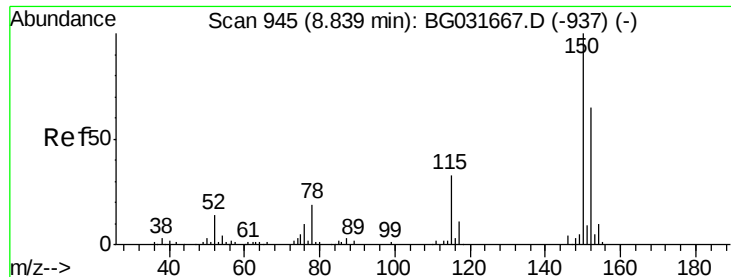
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.80 min Scan# 939

Delta R.T. -0.03 min

Lab File: BG031765.D

Acq: 26 Dec 2017 17:15

Instrument :

BNA_G

ClientSampleId :

FB-03

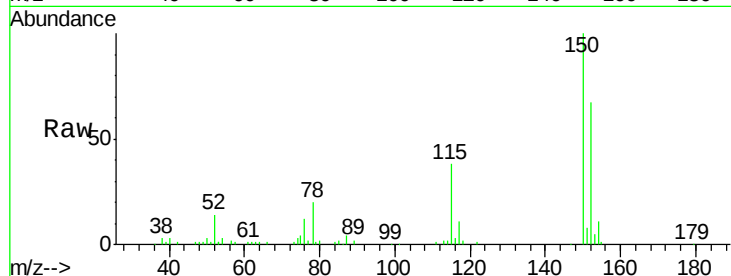
Tot Ion:152 Resp: 46028

Ion Ratio Lower Upper

152 100

150 149.7 126.6 189.8

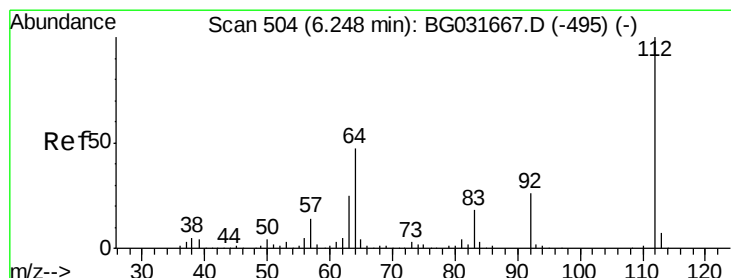
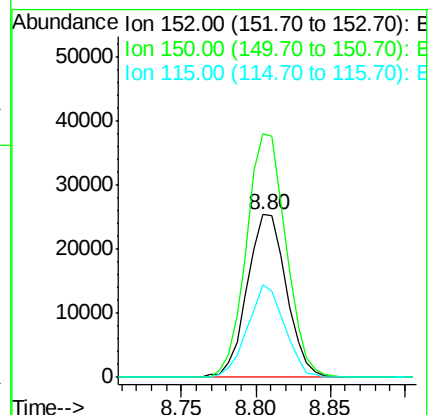
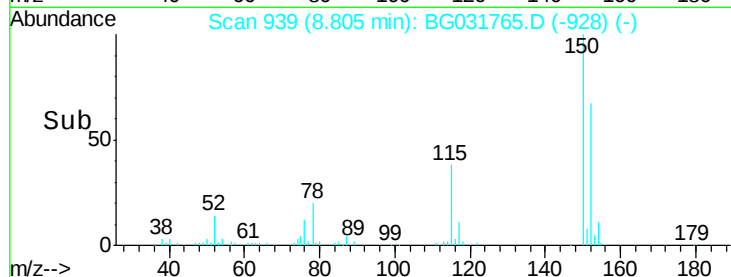
115 56.9 53.0 79.4



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



#5

2-Fluorophenol

Concen: 55.14 ng

RT: 6.23 min Scan# 500

Delta R.T. -0.02 min

Lab File: BG031765.D

Acq: 26 Dec 2017 17:15

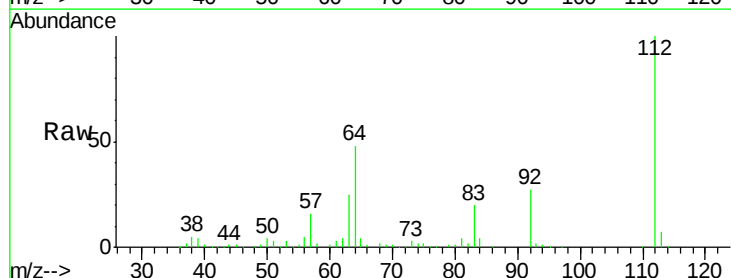
Tgt Ion:112 Resp: 139356

Ion Ratio Lower Upper

112 100

64 48.4 56.3 84.5#

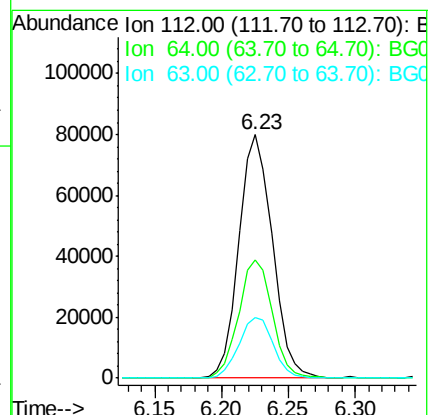
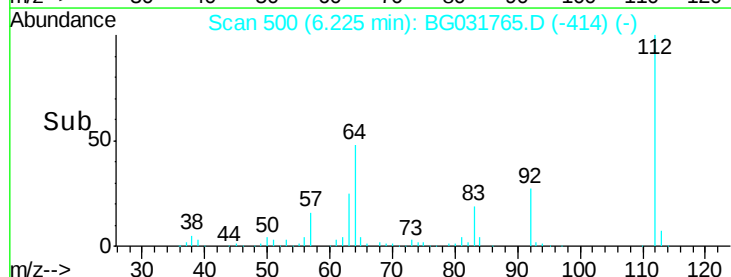
63 25.0 30.1 45.1#

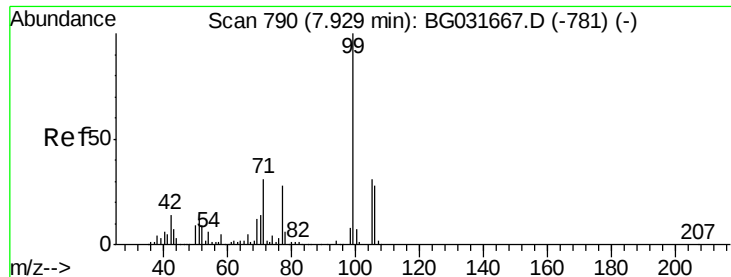


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 34.23 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.03 min

Lab File: BG031765.D

Acq: 26 Dec 2017 17:15

Instrument :

BNA_G

ClientSampleId :

FB-03

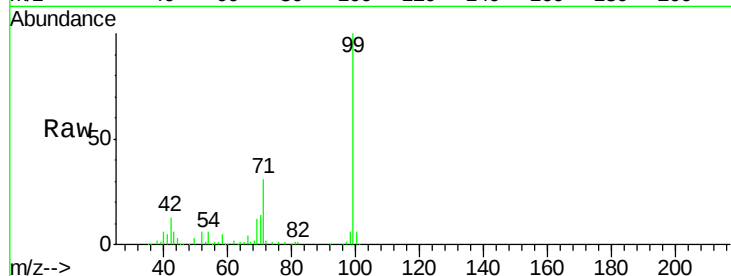
Tot Ion: 99 Resp: 112303

Ion Ratio Lower Upper

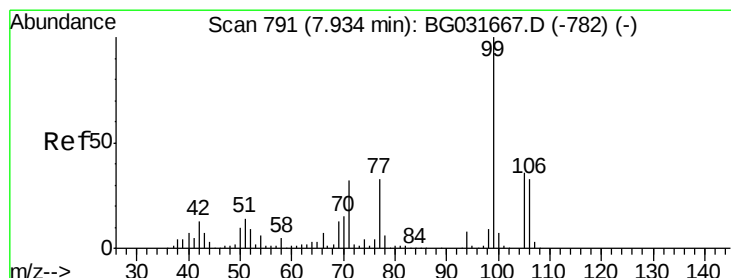
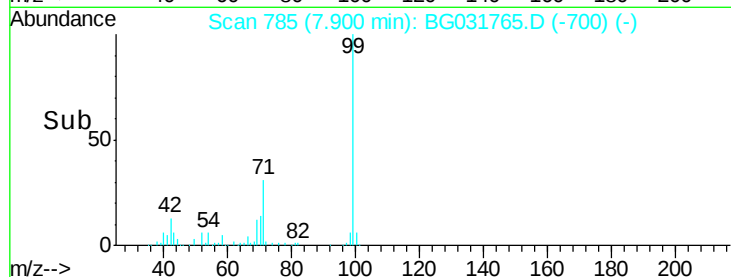
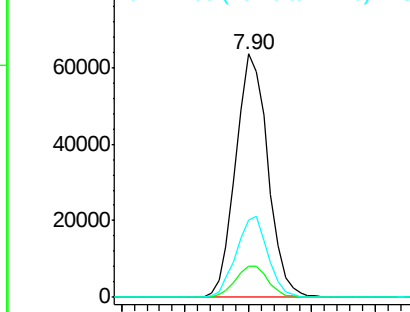
99 100

42 12.6 14.1 21.1#

71 31.5 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



#9

Benzaldehyde

Concen: 3.23 ng

RT: 8.32 min Scan# 856

Delta R.T. 0.38 min

Lab File: BG031765.D

Acq: 26 Dec 2017 17:15

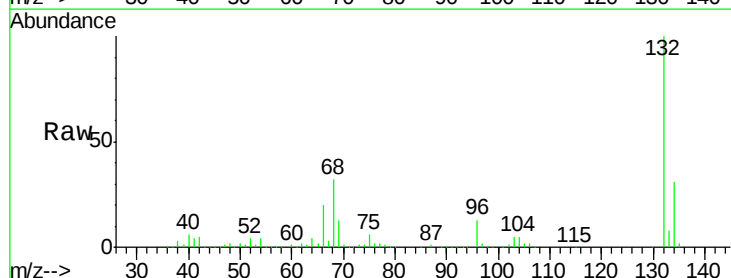
Tgt Ion: 77 Resp: 6377

Ion Ratio Lower Upper

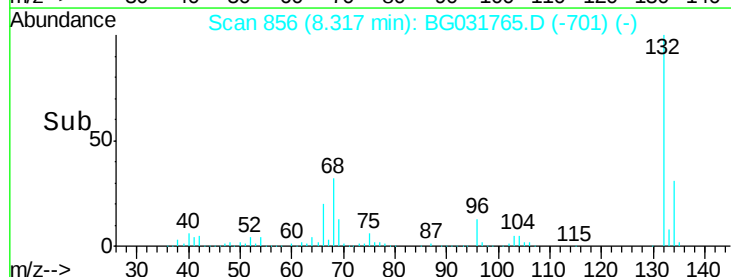
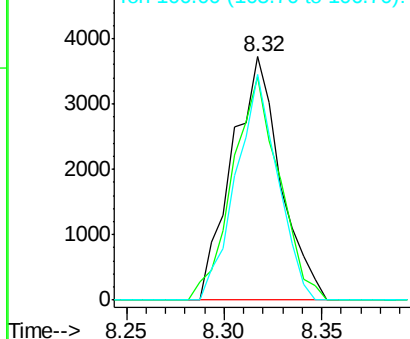
77 100

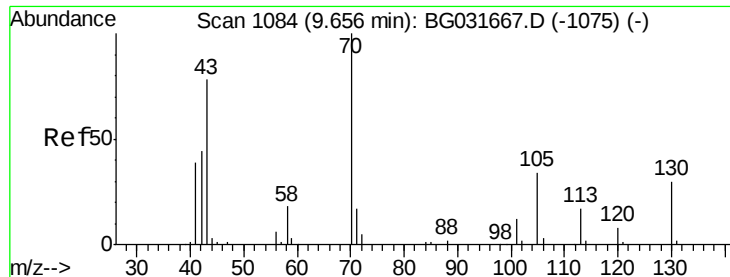
105 91.7 71.3 111.3

106 92.5 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

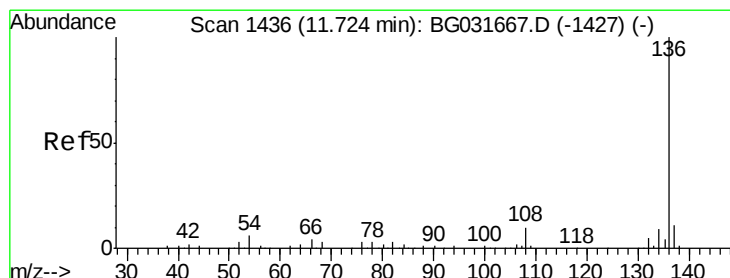
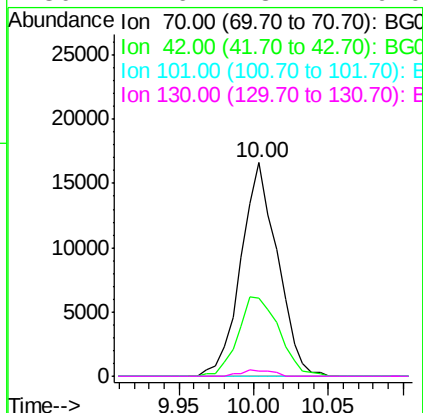
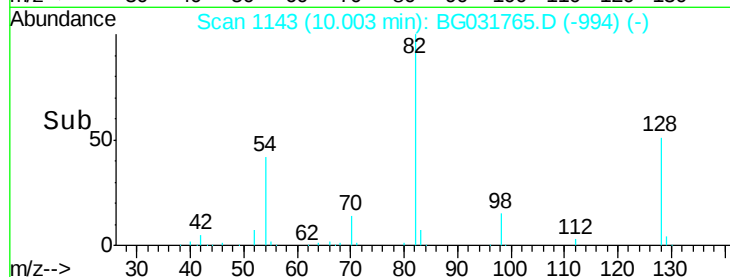
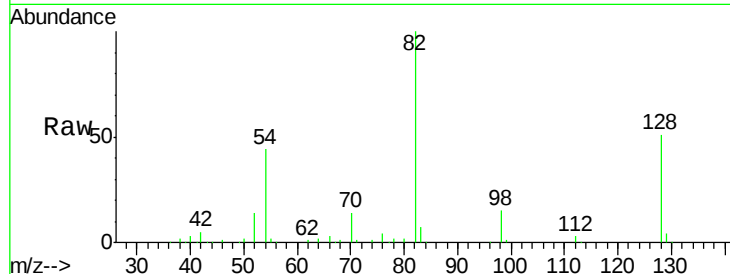




#19
n-Nitroso-di-n-propylamine
Concen: 12.56 ng
RT: 10.00 min Scan# 1143
Delta R.T. 0.35 min
Lab File: BG031765.D
Acq: 26 Dec 2017 17:15

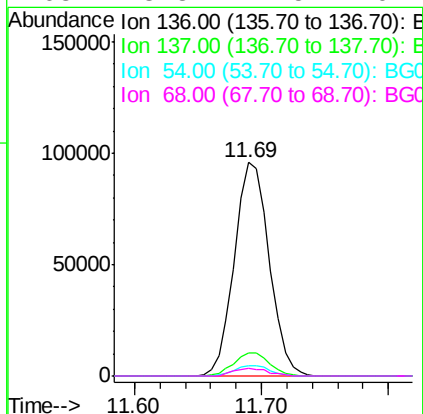
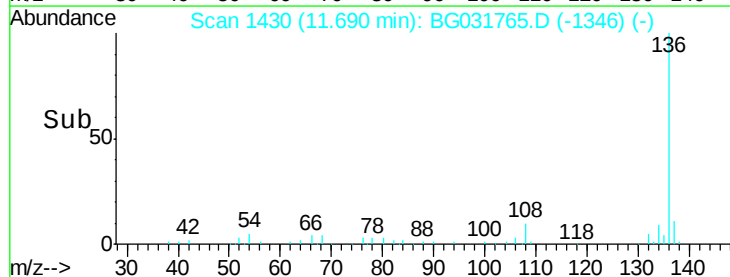
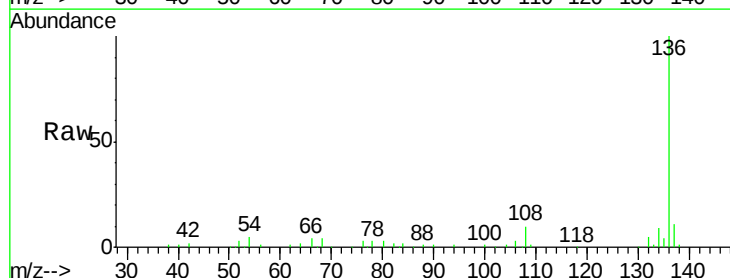
Instrument :
BNA_G
ClientSampleId :
FB-03

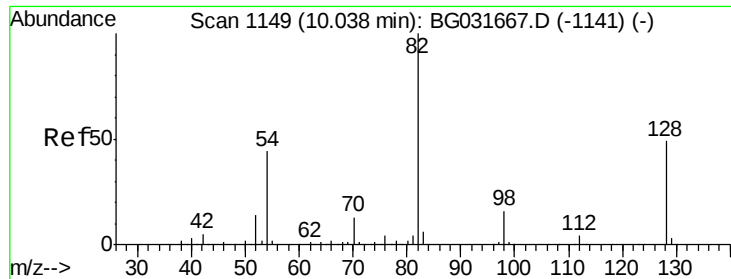
Tot Ion: 70 Resp: 28147
Ion Ratio Lower Upper
70 100
42 36.7 49.1 73.7#
101 0.0 8.5 12.7#
130 2.6 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.69 min Scan# 1430
Delta R.T. -0.03 min
Lab File: BG031765.D
Acq: 26 Dec 2017 17:15

Tgt Ion: 136 Resp: 182600
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 4.9 10.3 15.5#
68 3.8 4.5 6.7#

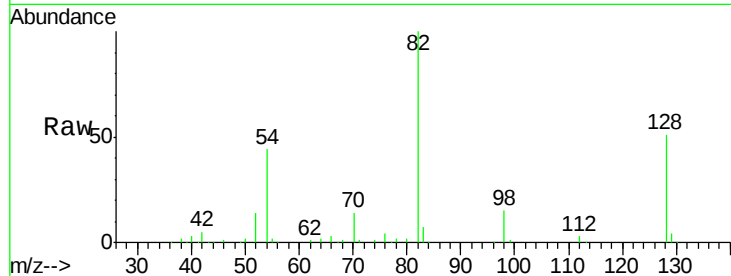




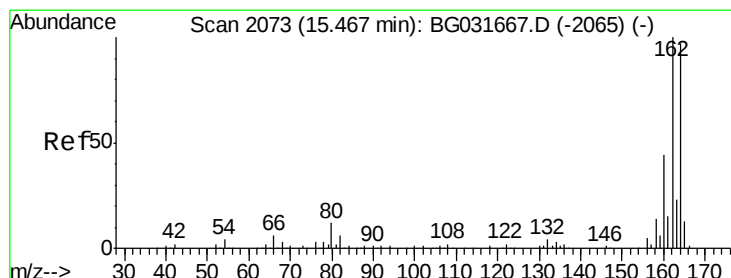
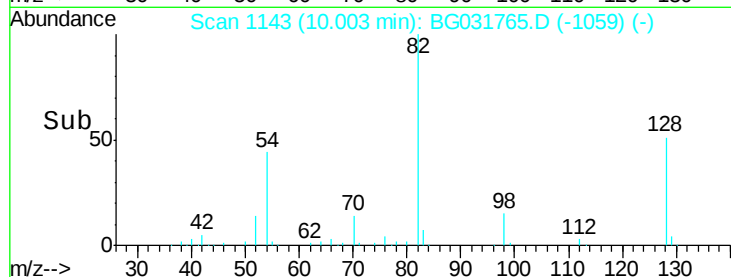
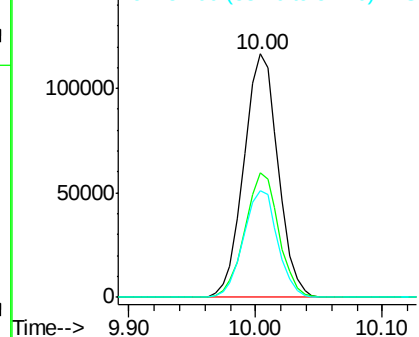
#23
Nitrobenzene-d5
Concen: 90.01 ng
RT: 10.00 min Scan# 1143
Delta R.T. -0.03 min
Lab File: BG031765.D
Acq: 26 Dec 2017 17:15

Instrument :
BNA_G
ClientSampleId :
FB-03

Tot Ion: 82 Resp: 217650
Ion Ratio Lower Upper
82 100
128 51.4 29.7 44.5#
54 44.0 43.1 64.7

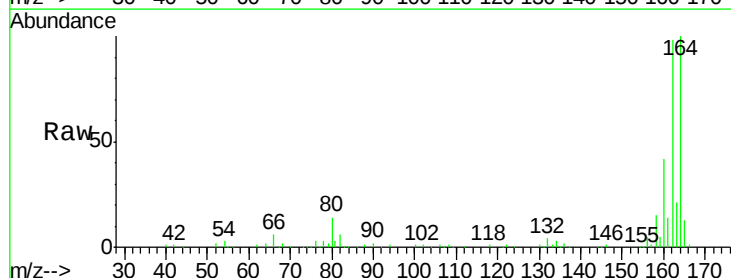


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

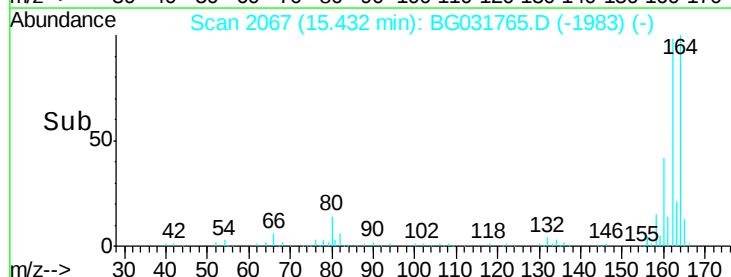
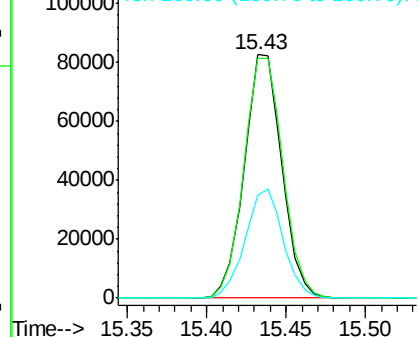


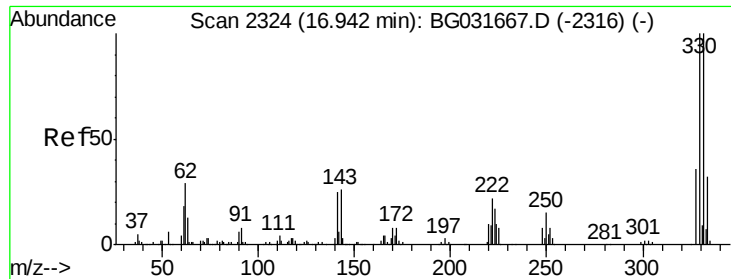
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.03 min
Lab File: BG031765.D
Acq: 26 Dec 2017 17:15

Tgt Ion:164 Resp: 135897
Ion Ratio Lower Upper
164 100
162 98.3 78.8 118.2
160 42.2 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

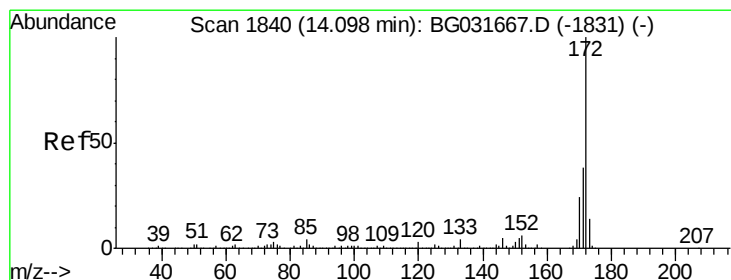
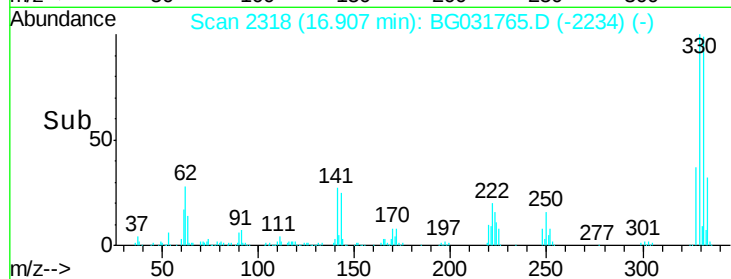
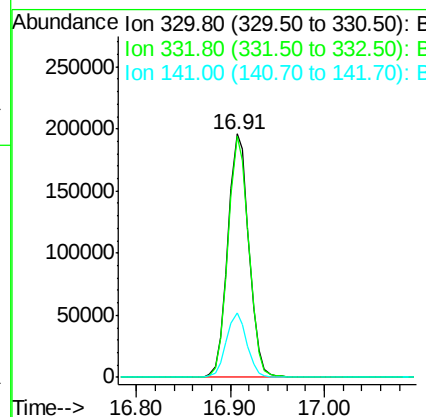
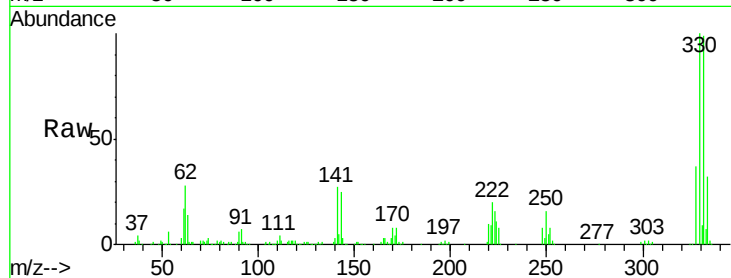




#41
 2,4,6-Tribromophenol
 Concen: 147.95 ng
 RT: 16.91 min Scan# 2318
 Delta R.T. -0.03 min
 Lab File: BG031765.D
 Acq: 26 Dec 2017 17:15

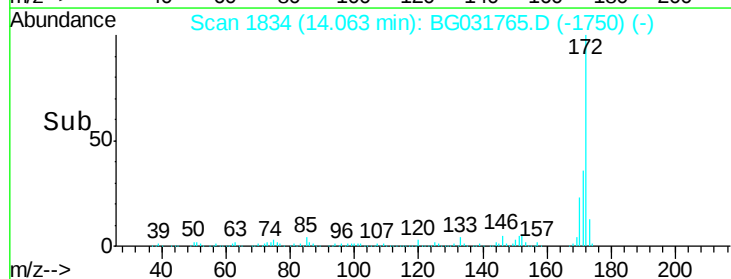
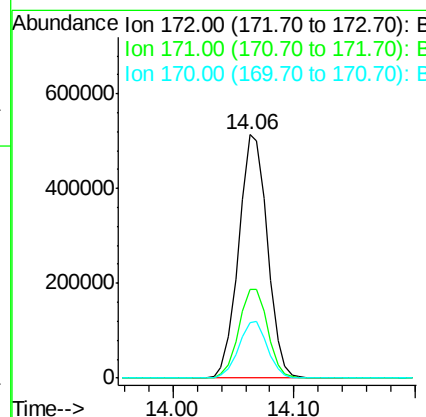
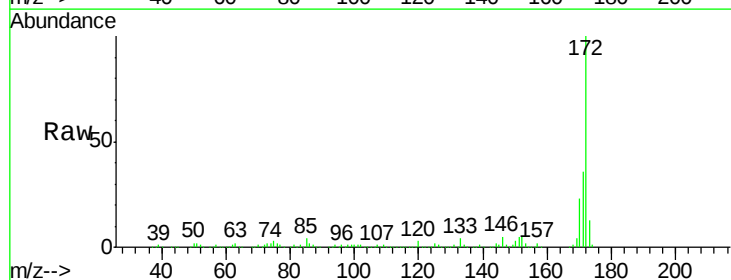
Instrument :
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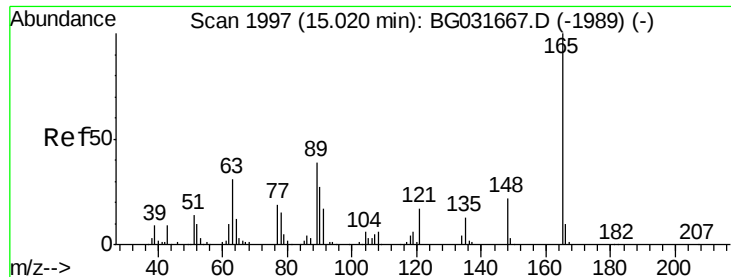
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	26.0	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 78.65 ng
 RT: 14.06 min Scan# 1834
 Delta R.T. -0.03 min
 Lab File: BG031765.D
 Acq: 26 Dec 2017 17:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.0	45.0
170	22.9	19.5	29.3

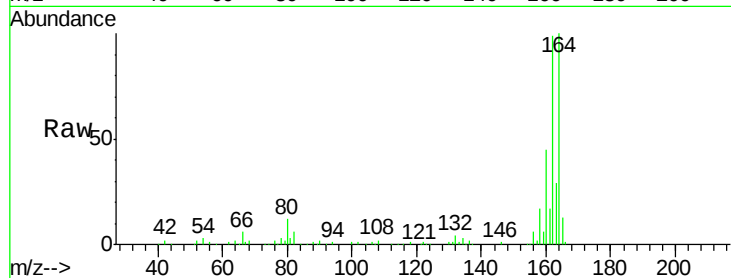




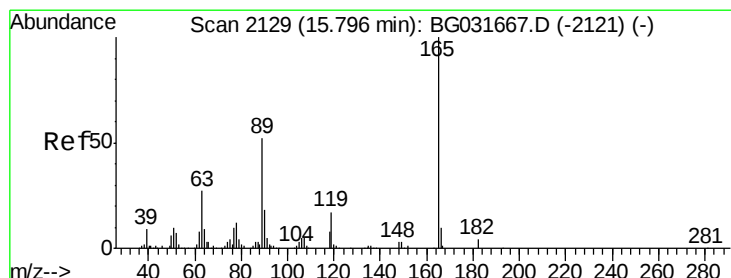
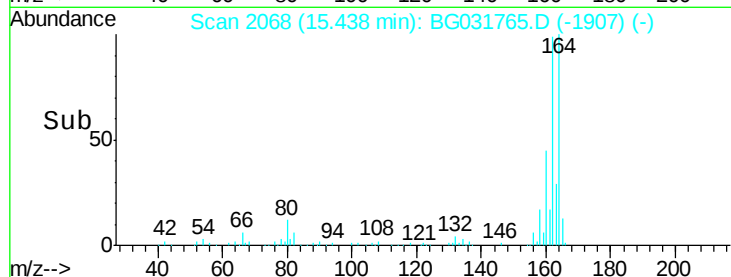
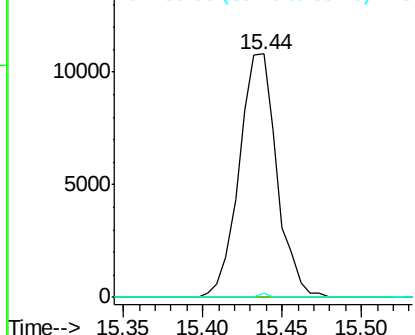
#50
 2,6-Dinitrotoluene
 Concen: 8.08 ng
 RT: 15.44 min Scan# 2068
 Delta R.T. 0.42 min
 Lab File: BG031765.D
 Acq: 26 Dec 2017 17:15

Instrument :
 BNA_G
 ClientSampleId :
 FB-03

Tot Ion:165 Resp: 17789
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 1.8 49.2 73.8#

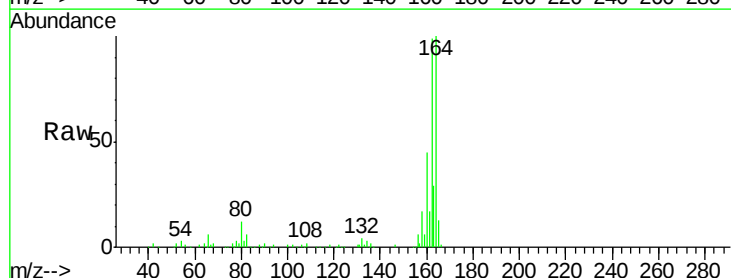


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

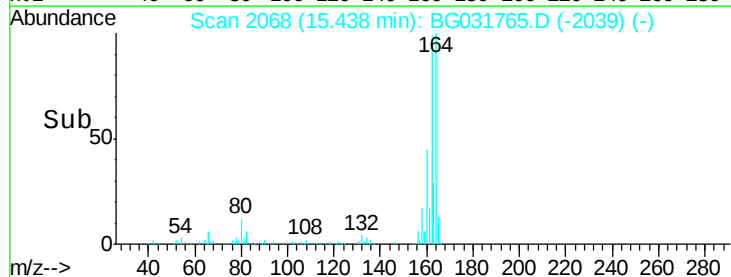
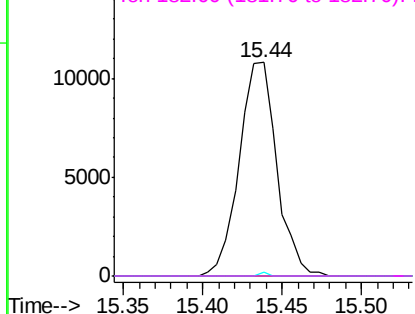


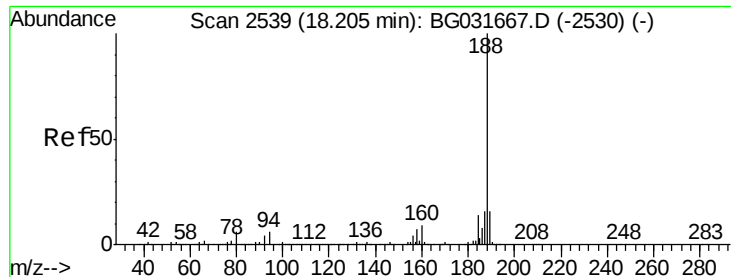
#56
 2,4-Dinitrotoluene
 Concen: 6.28 ng
 RT: 15.44 min Scan# 2068
 Delta R.T. -0.36 min
 Lab File: BG031765.D
 Acq: 26 Dec 2017 17:15

Tgt Ion:165 Resp: 17789
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 1.8 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

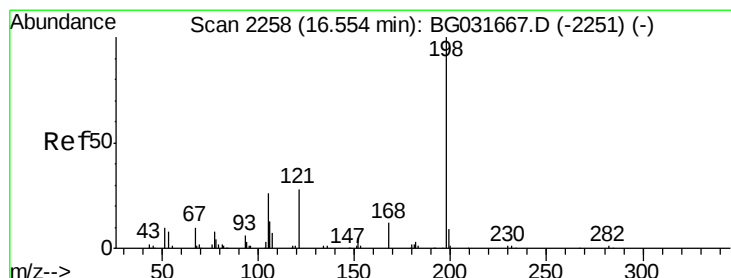
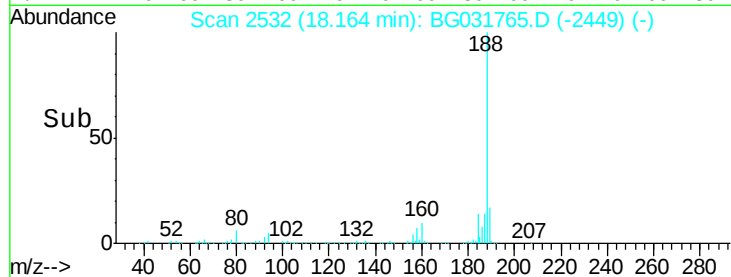
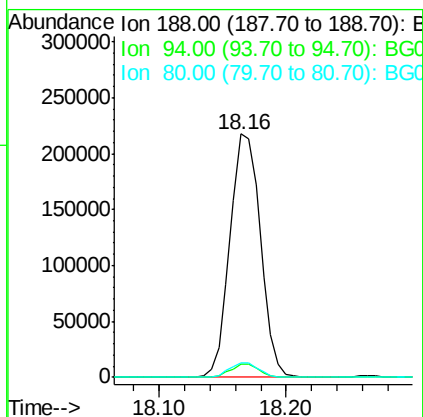
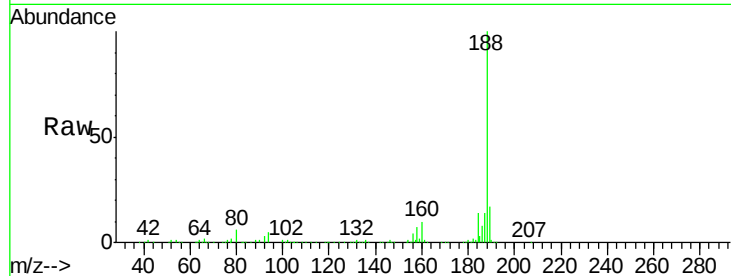




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.16 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031765.D
Acq: 26 Dec 2017 17:15

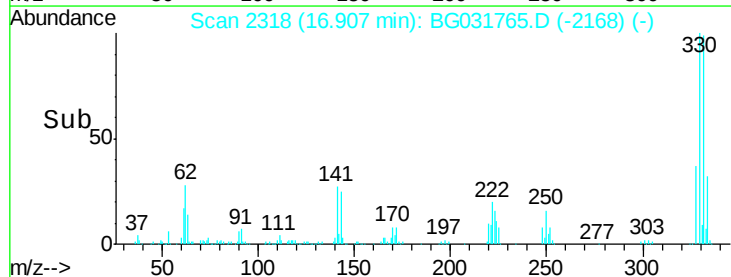
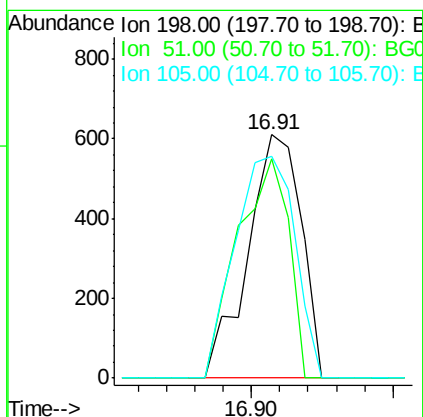
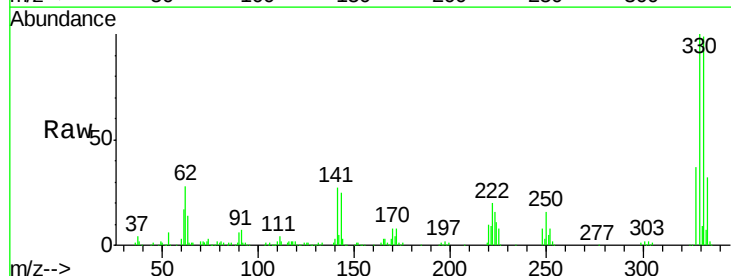
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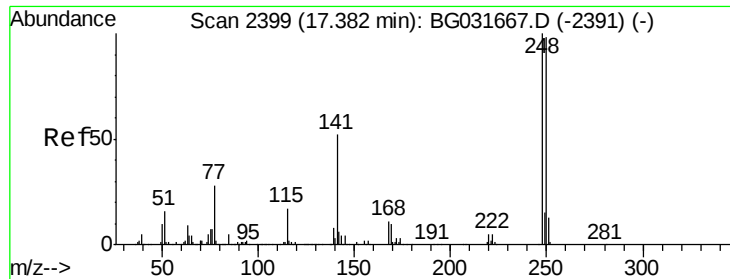
Tot Ion:188 Resp: 361446
Ion Ratio Lower Upper
188 100
94 5.2 6.9 10.3#
80 5.8 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 8.68 ng
RT: 16.91 min Scan# 2318
Delta R.T. 0.35 min
Lab File: BG031765.D
Acq: 26 Dec 2017 17:15

Tgt Ion:198 Resp: 800
Ion Ratio Lower Upper
198 100
51 90.0 30.6 70.6#
105 91.0 23.8 63.8#

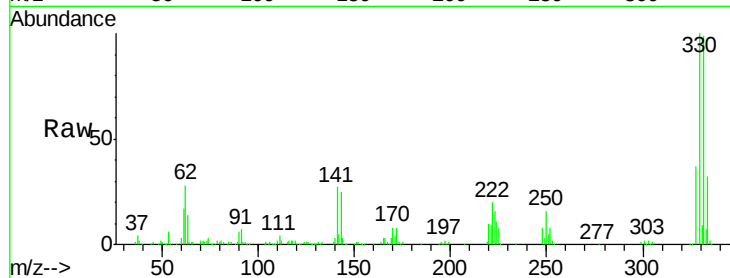




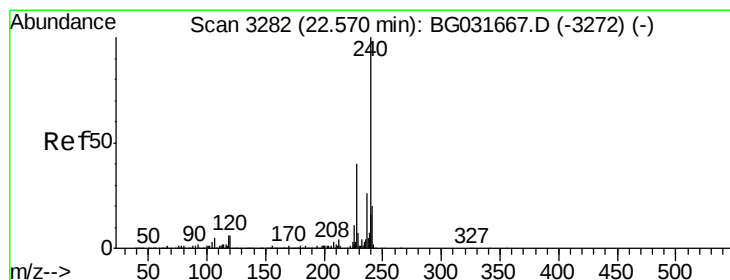
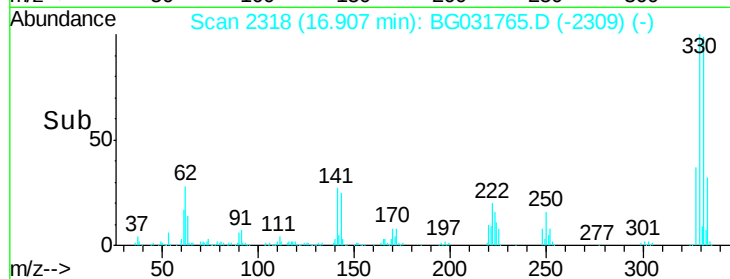
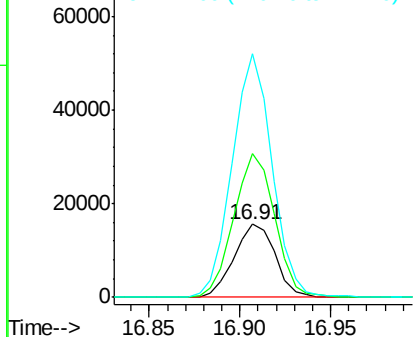
#66
4-Bromophenyl-phenylether
Concen: 4.68 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.48 min
Lab File: BG031765.D
Acq: 26 Dec 2017 17:15

Instrument :
BNA_G
ClientSampleId :
FB-03

Tot Ion:248 Resp: 24464
Ion Ratio Lower Upper
248 100
250 197.3 77.1 115.7#
141 334.1 50.8 76.2#

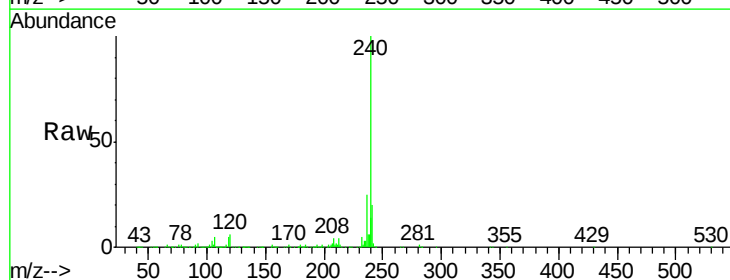


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

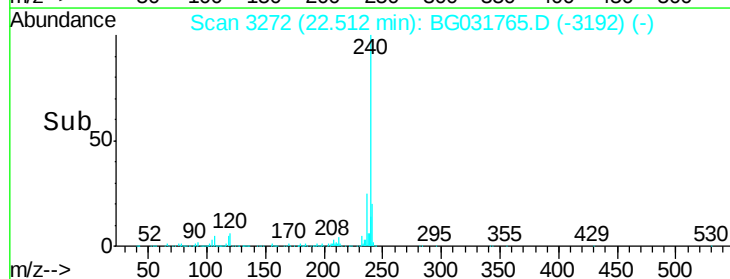
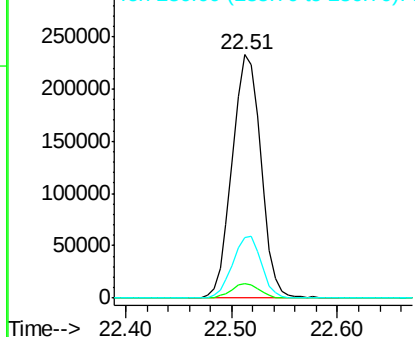


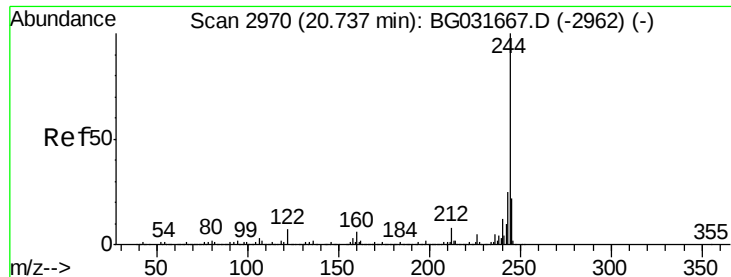
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.51 min Scan# 3272
Delta R.T. -0.06 min
Lab File: BG031765.D
Acq: 26 Dec 2017 17:15

Tgt Ion:240 Resp: 438729
Ion Ratio Lower Upper
240 100
120 5.9 6.8 10.2#
236 25.1 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





#78

Terphenyl-d14

Concen: 90.45 ng

RT: 20.70 min Scan# 2964

Delta R.T. -0.03 min

Lab File: BG031765.D

Acq: 26 Dec 2017 17:15

Instrument :

BNA_G

ClientSampleId :

FB-03

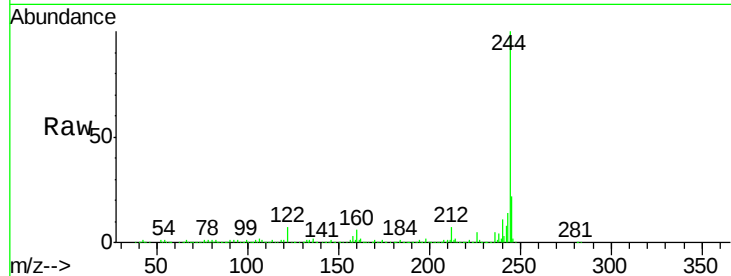
Tot Ion:244 Resp: 1736934

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	6.9	7.0	10.4

244 100

212 7.4 5.8 8.8

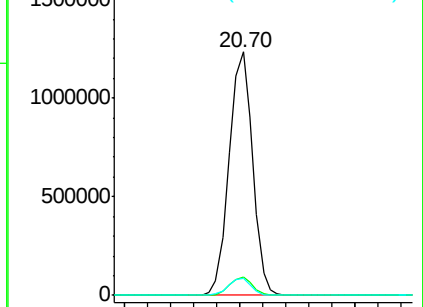
122 6.9 7.0 10.4



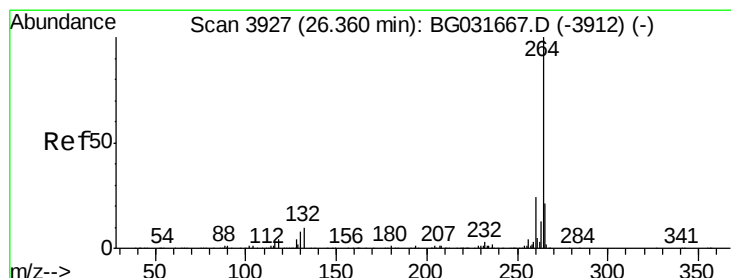
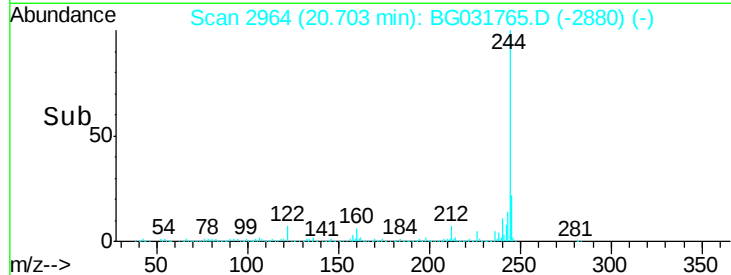
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 26.27 min Scan# 3911

Delta R.T. -0.09 min

Lab File: BG031765.D

Acq: 26 Dec 2017 17:15

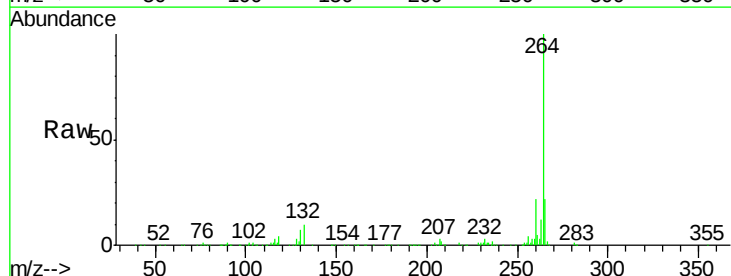
Tgt Ion:264 Resp: 463580

Ion	Ratio	Lower	Upper
264	100		
260	21.8	17.4	26.0
265	21.9	17.7	26.5

264 100

260 21.8 17.4 26.0

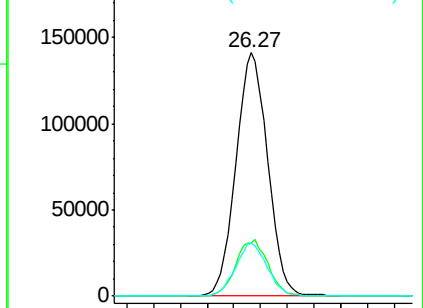
265 21.9 17.7 26.5



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



Time-->

