

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122217\
 Data File : BG031716.D
 Acq On : 22 Dec 2017 18:10
 Operator : SJ/JU
 Sample : PB105237BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105237BL

Quant Time: Dec 23 01:09:11 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

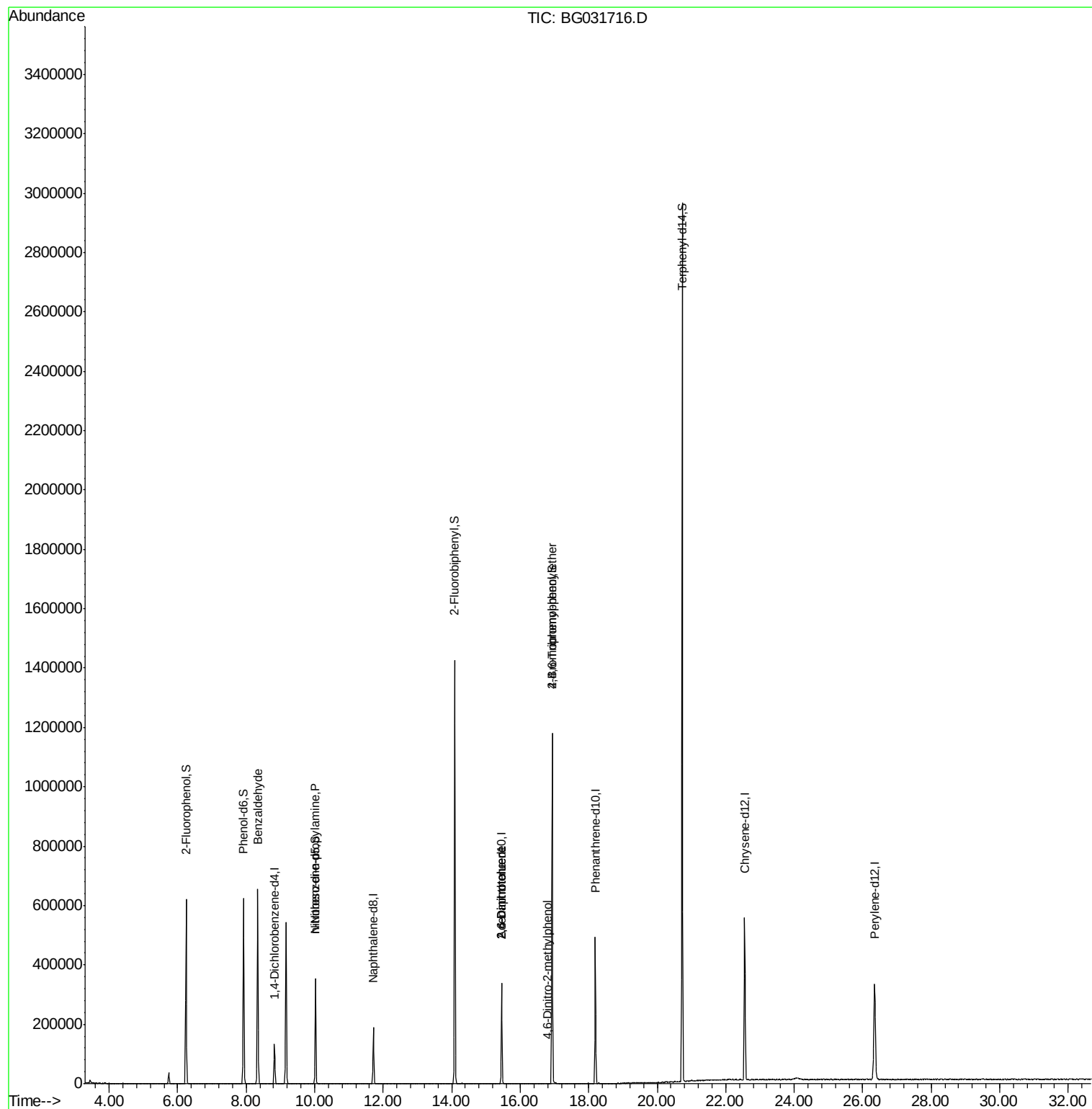
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	47519	20.00	ng	-0.01
21) Naphthalene-d8	11.72	136	190854	20.00	ng	0.00
38) Acenaphthene-d10	15.46	164	132889	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	344681	20.00	ng	0.00
75) Chrysene-d12	22.56	240	421055	20.00	ng	-0.01
86) Perylene-d12	26.35	264	449493	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.25	112	351085	134.57	ng	0.00
7) Phenol-d6	7.93	99	435360	128.53	ng	0.00
23) Nitrobenzene-d5	10.02	82	231071	91.42	ng	-0.01
41) 2,4,6-Tribromophenol	16.93	330	287560	141.82	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	871764	82.34	ng	0.00
78) Terphenyl-d14	20.73	244	1642976	89.15	ng	0.00
Target Compounds						
9) Benzaldehyde	8.34	77	8561	4.197	ng	91
19) n-Nitroso-di-n-propylamine	10.02	70	29982	12.961	ng	# 72
50) 2,6-Dinitrotoluene	15.46	165	17368	8.064	ng	# 20
56) 2,4-Dinitrotoluene	15.46	165	17368	6.272	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.80	198	55	8.333	ng	# 29
66) 4-Bromophenyl-phenylether	16.93	248	22502	4.515	ng	# 1

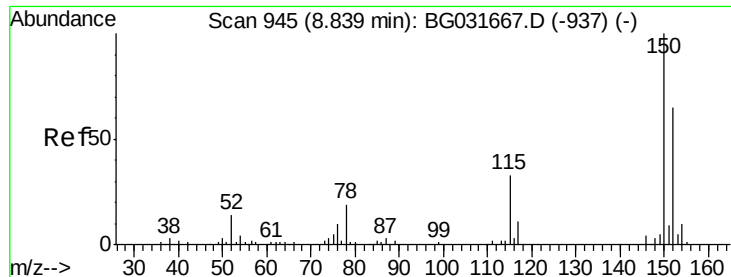
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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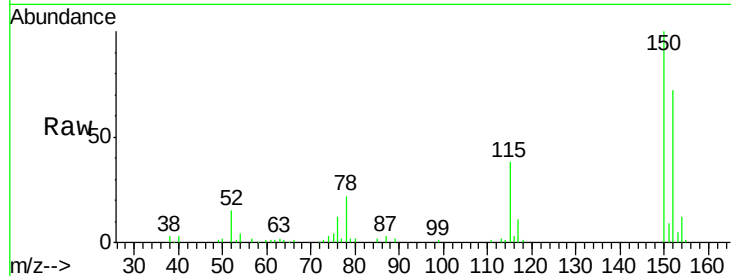


#1

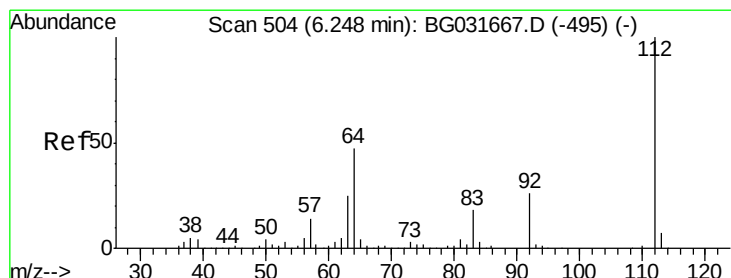
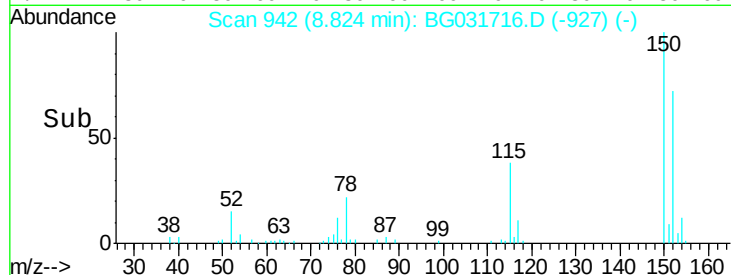
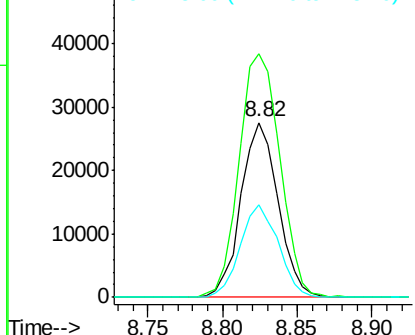
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG031716.D
Acq: 22 Dec 2017 18:10

Instrument :
BNA_G
ClientSampleId :
PB105237BL

Tot Ion:152 Resp: 47519
Ion Ratio Lower Upper
152 100
150 139.5 126.6 189.8
115 53.3 53.0 79.4



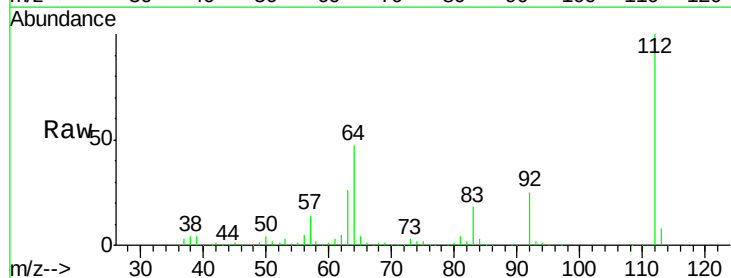
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



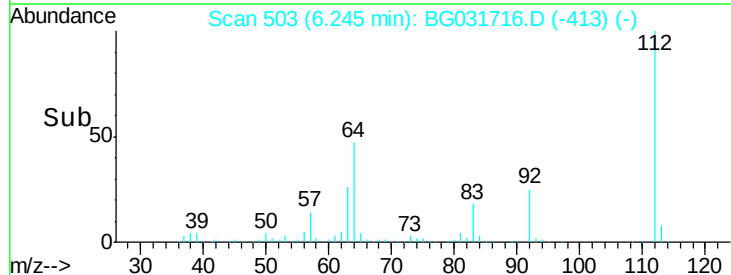
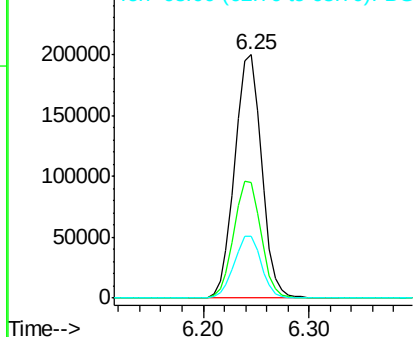
#5

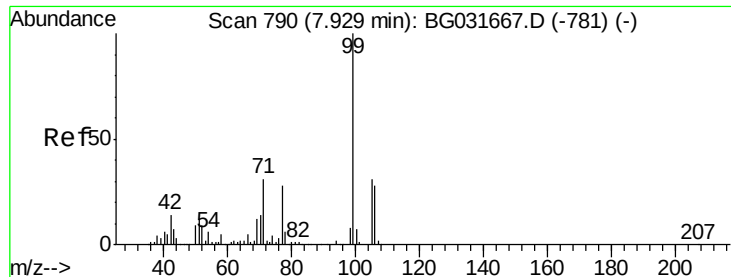
2-Fluorophenol
Concen: 134.569 ng
RT: 6.25 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG031716.D
Acq: 22 Dec 2017 18:10

Tgt Ion:112 Resp: 351085
Ion Ratio Lower Upper
112 100
64 47.3 56.3 84.5#
63 25.5 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: 128.528 ng

RT: 7.93 min Scan# 789

Delta R.T. -0.00 min

Lab File: BG031716.D

Acq: 22 Dec 2017 18:10

Instrument :

BNA_G

ClientSampleId :

PB105237BL

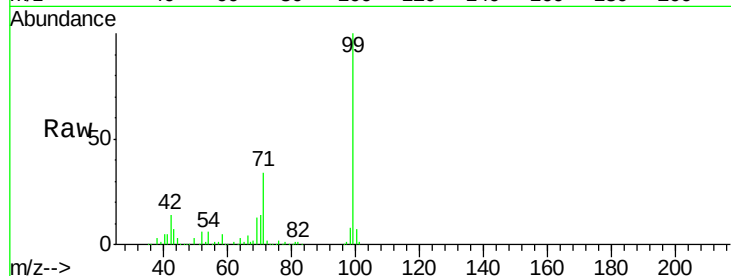
Tot Ion: 99 Resp: 435360

Ion Ratio Lower Upper

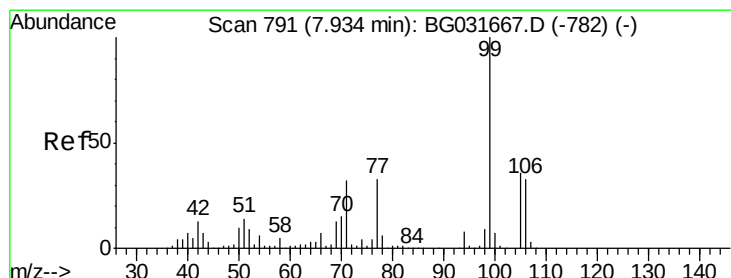
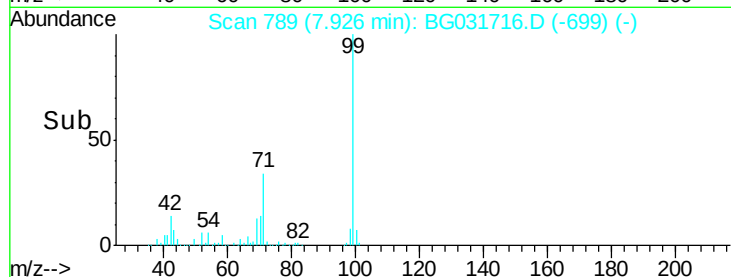
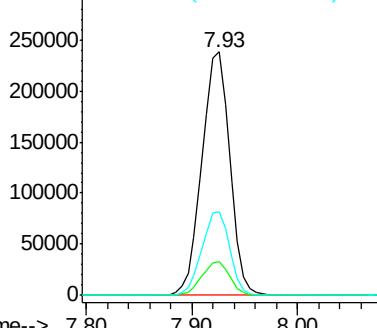
99 100

42 13.9 14.1 21.1#

71 34.1 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: 4.197 ng

RT: 8.34 min Scan# 859

Delta R.T. 0.40 min

Lab File: BG031716.D

Acq: 22 Dec 2017 18:10

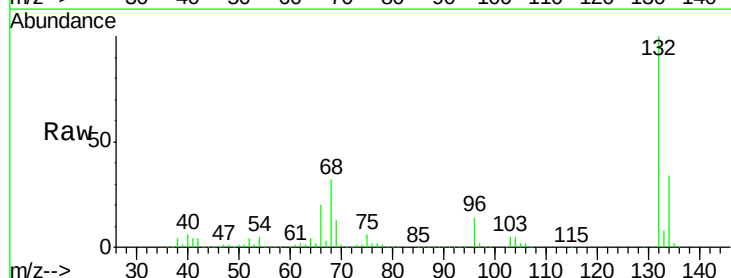
Tgt Ion: 77 Resp: 8561

Ion Ratio Lower Upper

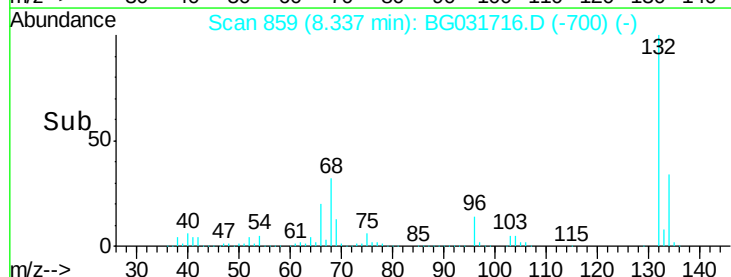
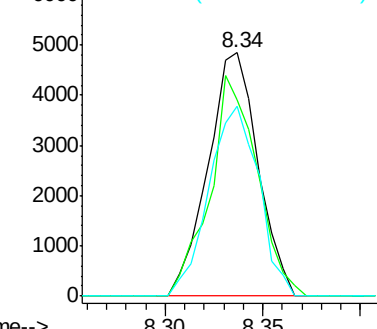
77 100

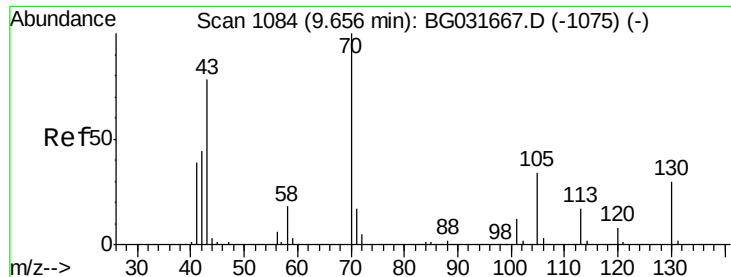
105 80.4 71.3 111.3

106 77.8 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

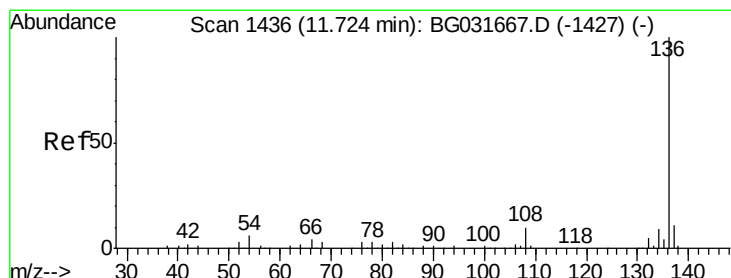
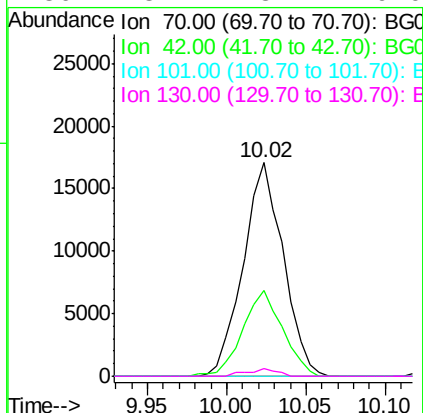
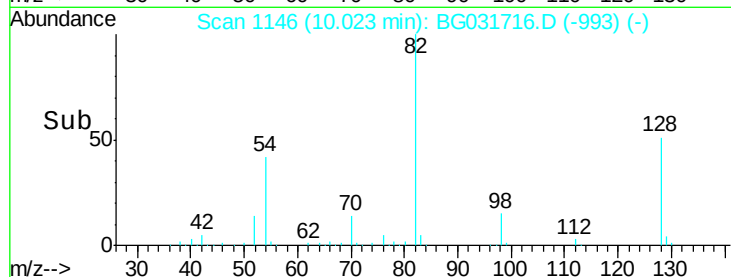
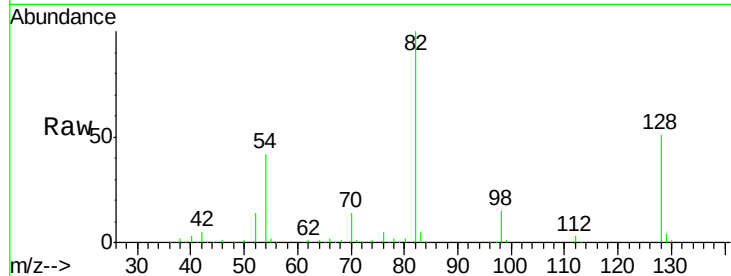




#19
n-Nitroso-di-n-propylamine
Concen: 12.961 ng
RT: 10.02 min Scan# 1146
Delta R.T. 0.37 min
Lab File: BG031716.D
Acq: 22 Dec 2017 18:10

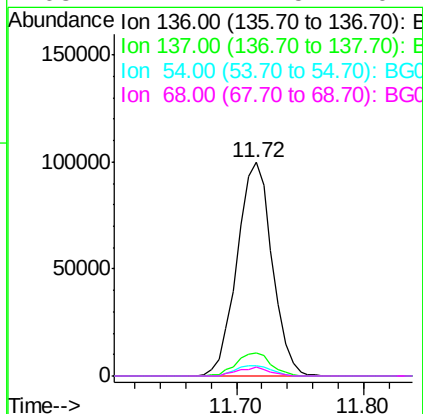
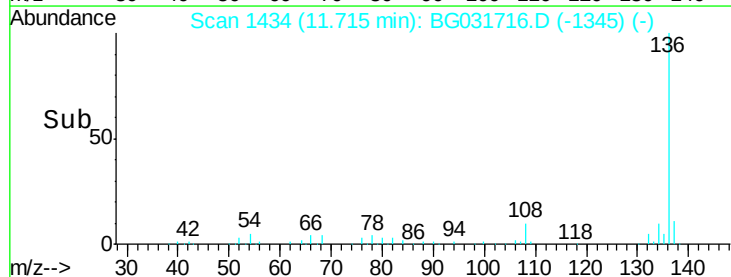
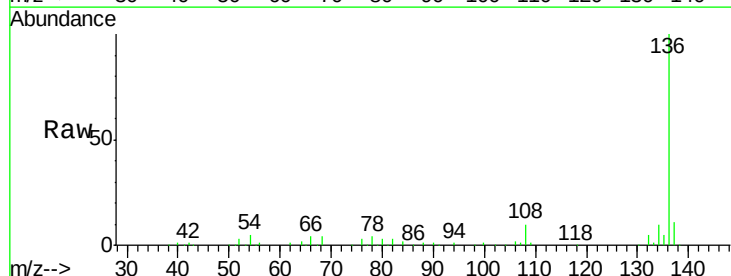
Instrument :
BNA_G
ClientSampleId :
PB105237BL

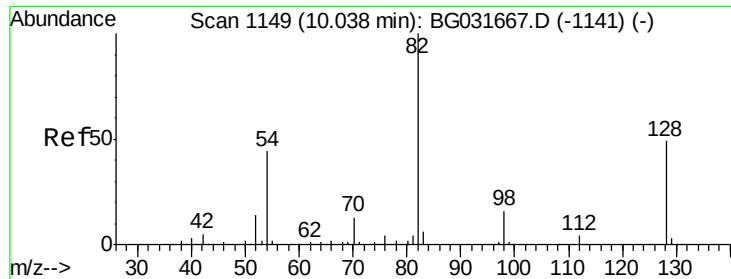
Tot Ion: 70 Resp: 29982
Ion Ratio Lower Upper
70 100
42 40.1 49.1 73.7#
101 0.0 8.5 12.7#
130 3.7 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.72 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031716.D
Acq: 22 Dec 2017 18:10

Tgt Ion: 136 Resp: 190854
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 5.0 10.3 15.5#
68 4.1 4.5 6.7#

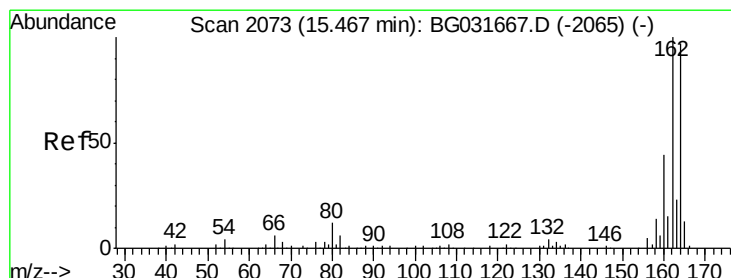
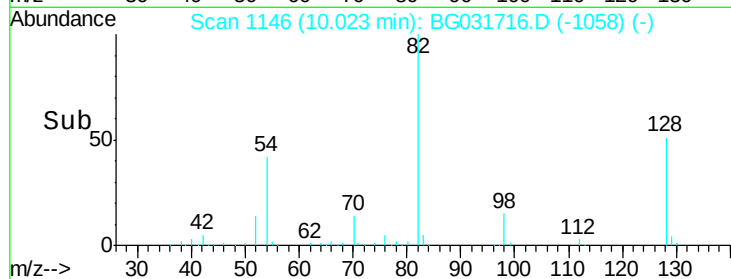
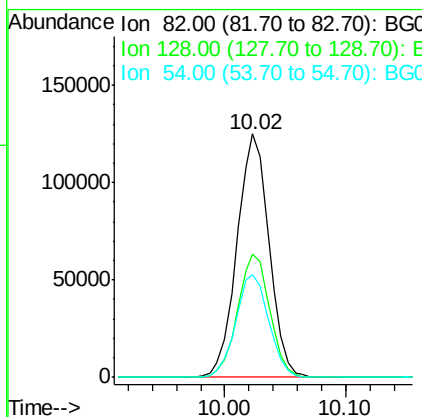
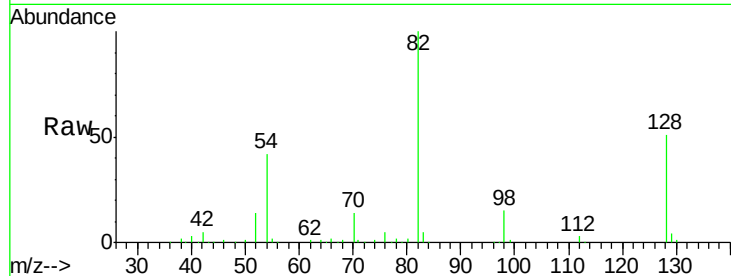




#23
 Nitrobenzene-d5
 Concen: 91.424 ng
 RT: 10.02 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BG031716.D
 Acq: 22 Dec 2017 18:10

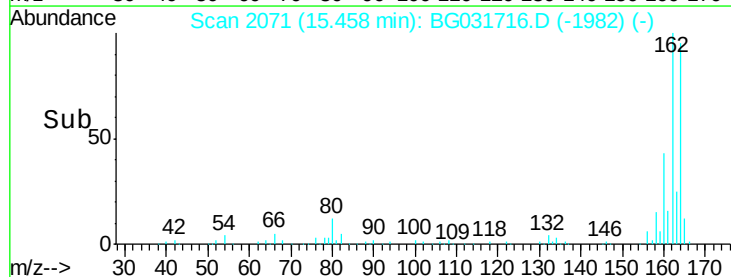
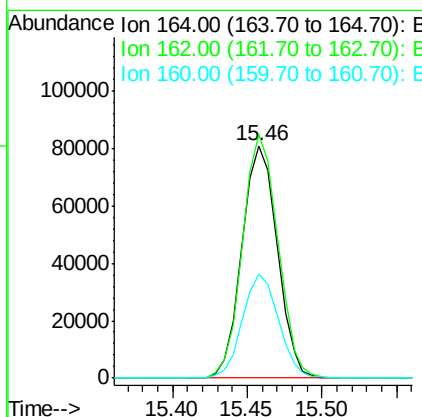
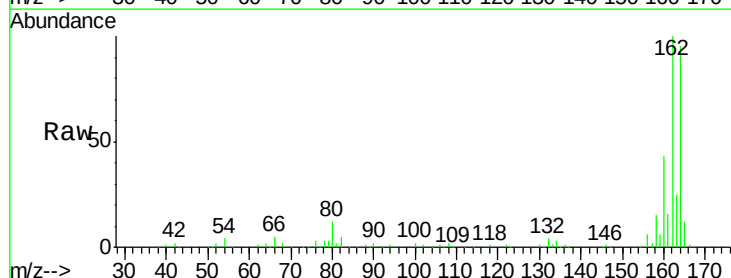
Instrument :
 BNA_G
 ClientSampleId :
 PB105237BL

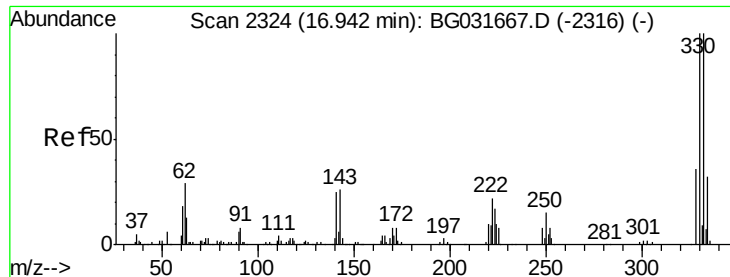
Tot Ion: 82 Resp: 231071
 Ion Ratio Lower Upper
 82 100
 128 50.6 29.7 44.5#
 54 42.2 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: BG031716.D
 Acq: 22 Dec 2017 18:10

Tgt Ion:164 Resp: 132889
 Ion Ratio Lower Upper
 164 100
 162 104.7 78.8 118.2
 160 45.0 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 141.816 ng

RT: 16.93 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BG031716.D

Acq: 22 Dec 2017 18:10

Instrument :

BNA_G

ClientSampleId :

PB105237BL

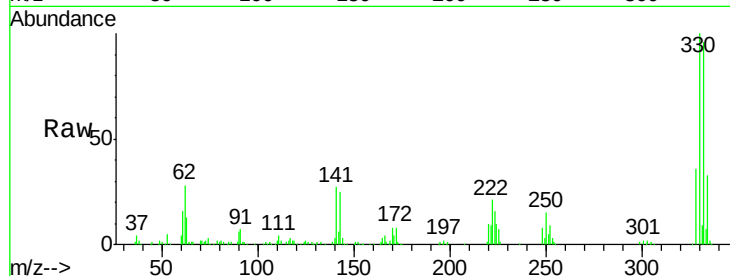
Tot Ion:330 Resp: 287560

Ion Ratio Lower Upper

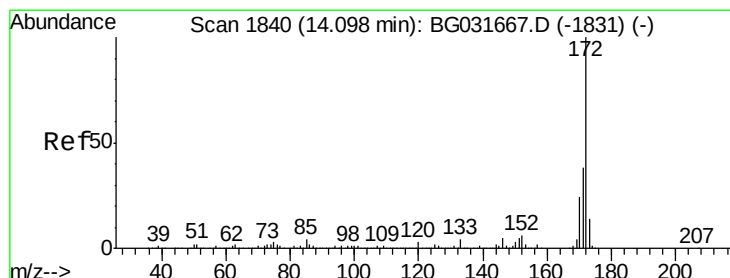
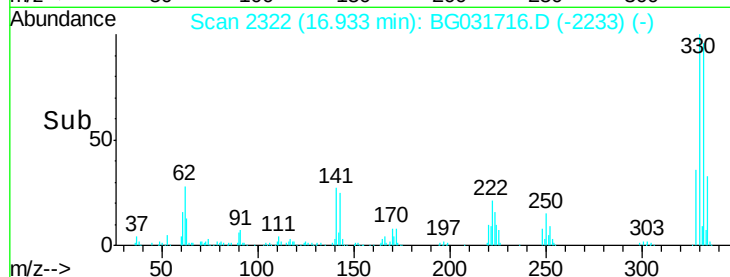
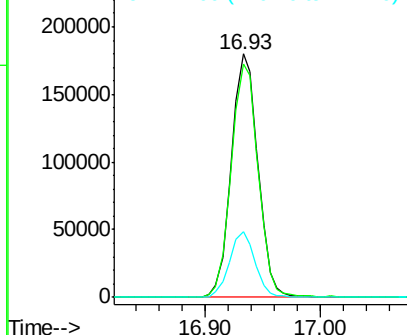
330 100

332 96.8 77.0 115.6

141 25.9 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: 82.338 ng

RT: 14.09 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BG031716.D

Acq: 22 Dec 2017 18:10

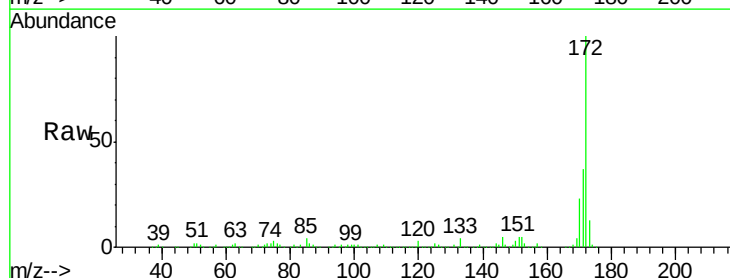
Tgt Ion:172 Resp: 871764

Ion Ratio Lower Upper

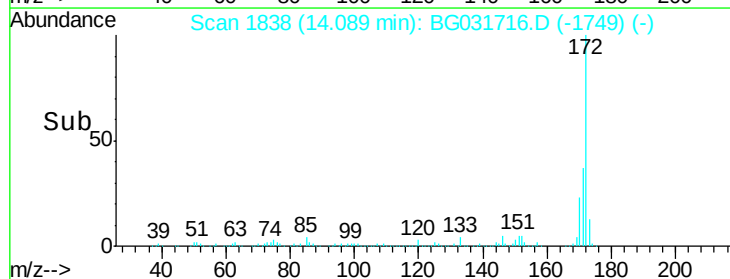
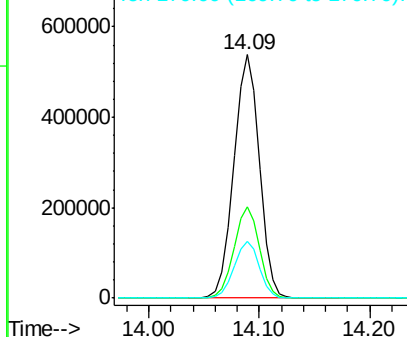
172 100

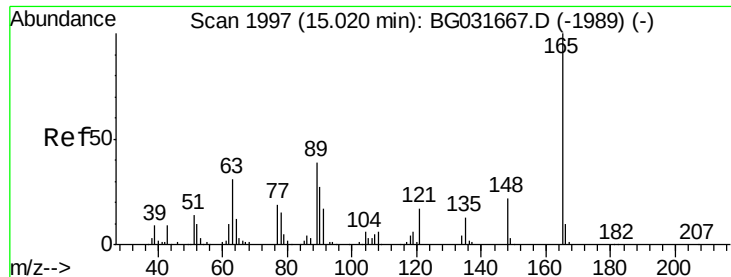
171 37.3 30.0 45.0

170 23.3 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

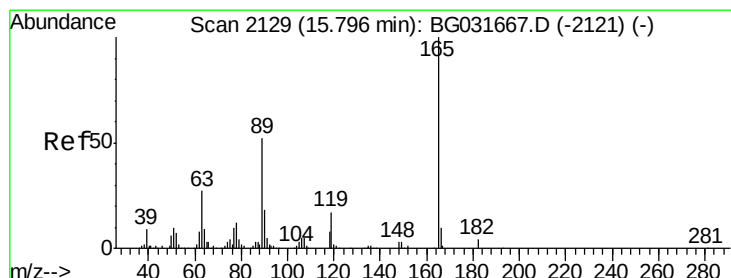
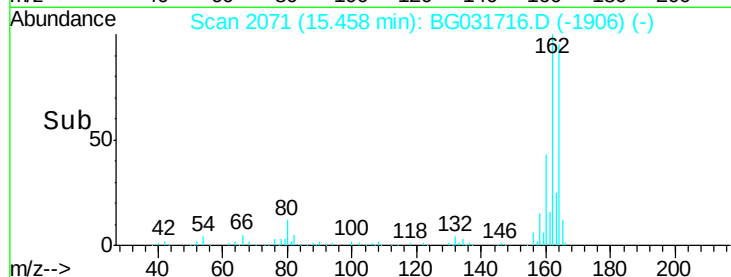
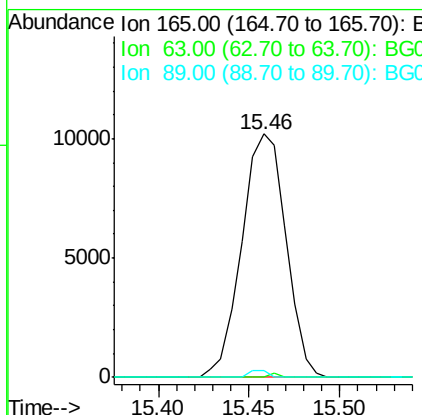
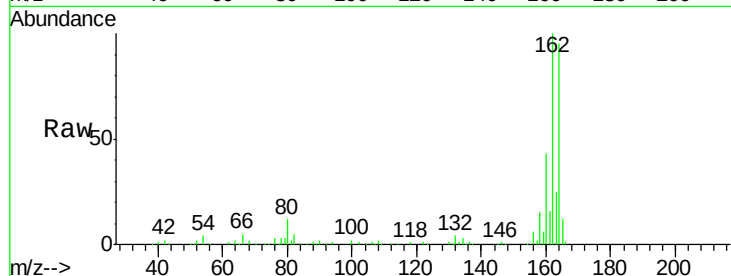




#50
 2,6-Dinitrotoluene
 Concen: 8.064 ng
 RT: 15.46 min Scan# 2071
 Delta R.T. 0.44 min
 Lab File: BG031716.D
 Acq: 22 Dec 2017 18:10

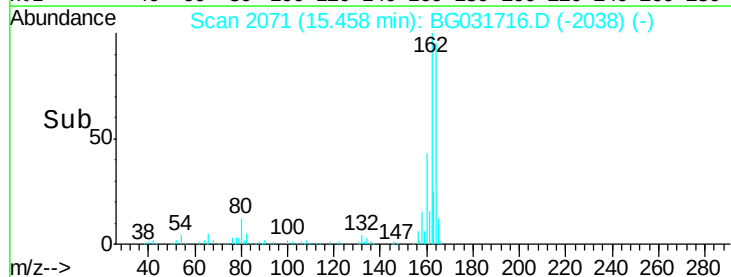
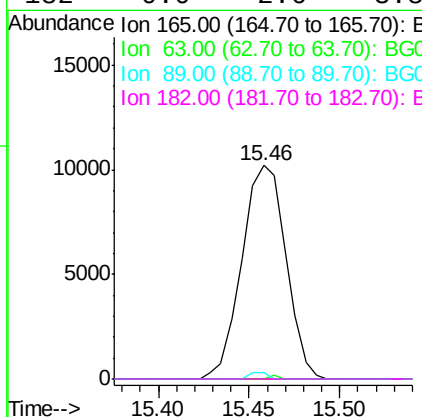
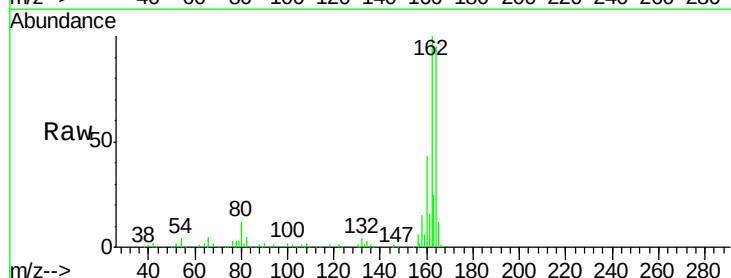
Instrument :
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 PB105237BL

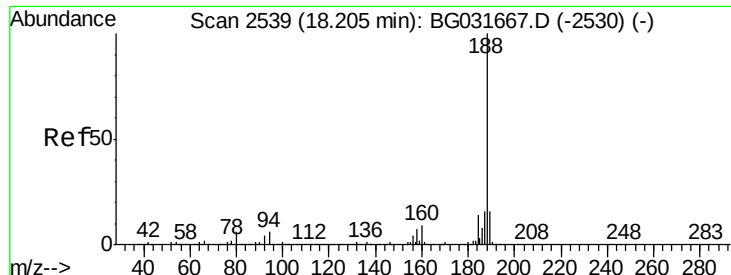
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.8	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 6.272 ng
 RT: 15.46 min Scan# 2071
 Delta R.T. -0.34 min
 Lab File: BG031716.D
 Acq: 22 Dec 2017 18:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.8	66.9	100.3#
182	0.0	2.6	3.8#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.20 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BG031716.D

Acq: 22 Dec 2017 18:10

Instrument :

BNA_G

ClientSampleId :

PB105237BL

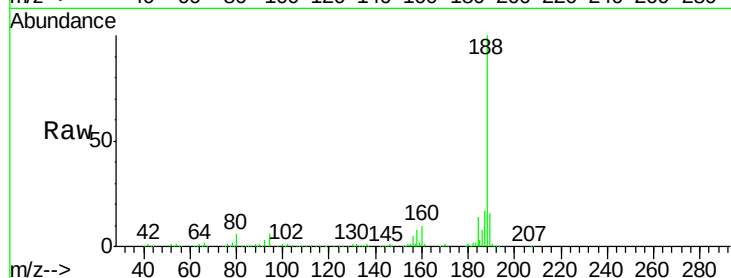
Tot Ion:188 Resp: 344681

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

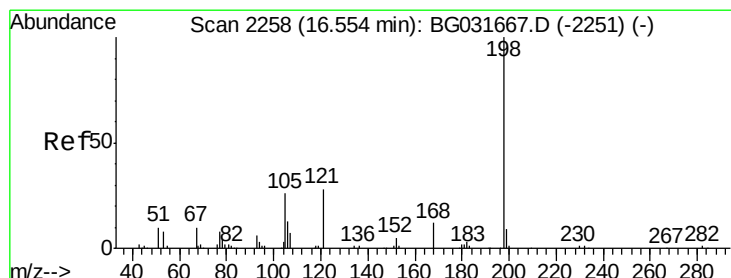
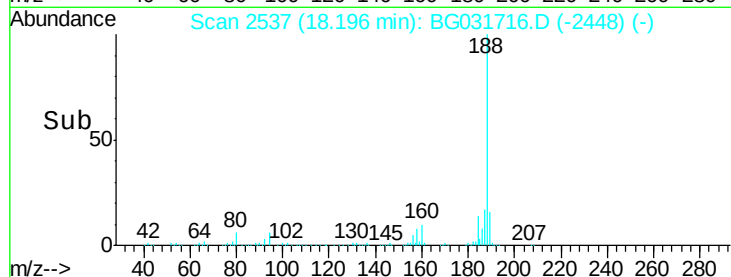
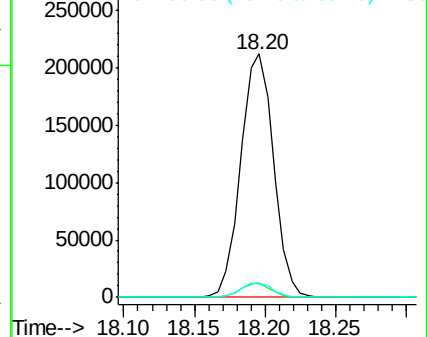
80 5.6 7.7 11.5#



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: 8.333 ng

RT: 16.80 min Scan# 2300

Delta R.T. 0.25 min

Lab File: BG031716.D

Acq: 22 Dec 2017 18:10

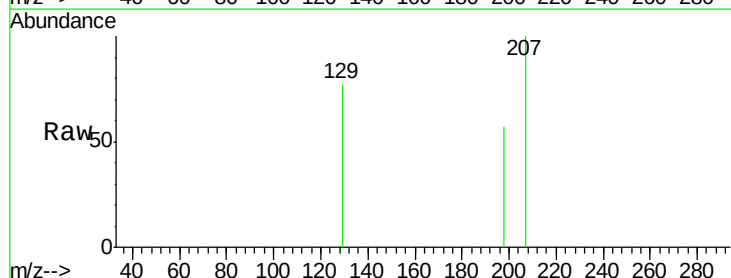
Tgt Ion:198 Resp: 55

Ion Ratio Lower Upper

198 100

51 0.0 30.6 70.6#

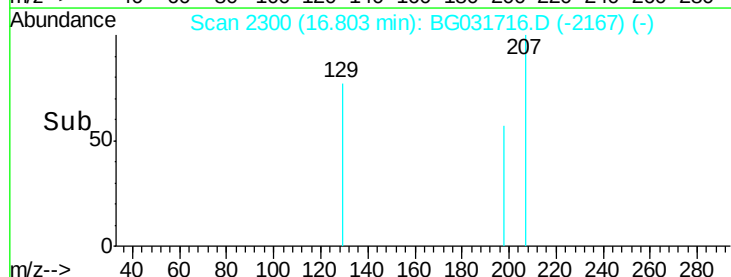
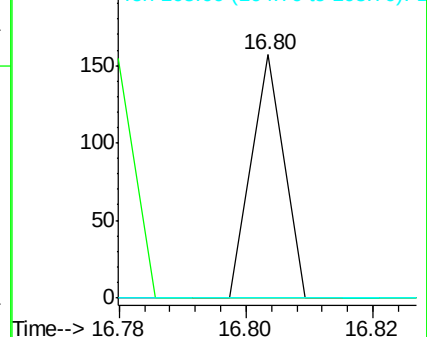
105 0.0 23.8 63.8#

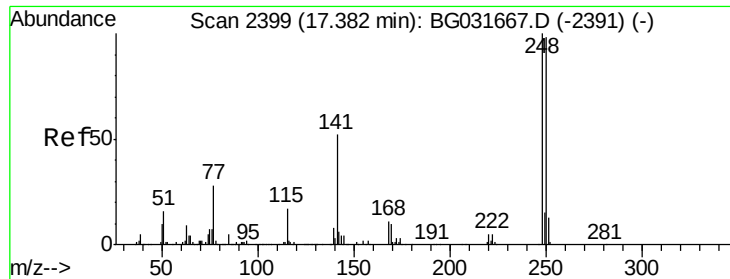


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

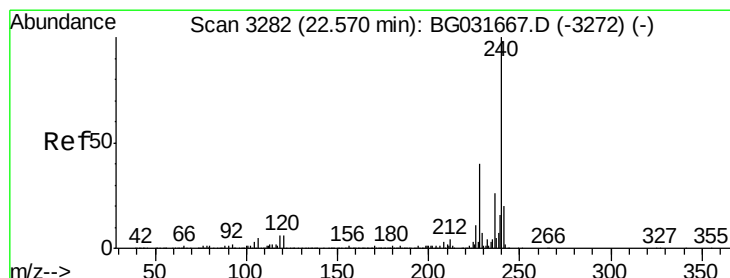
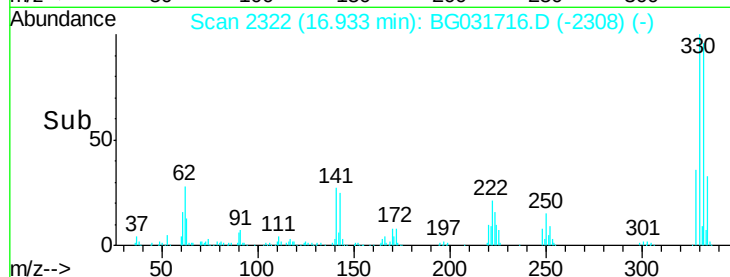
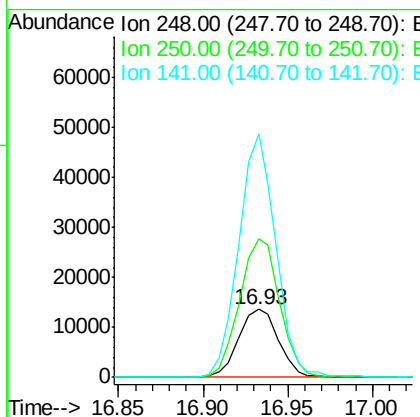
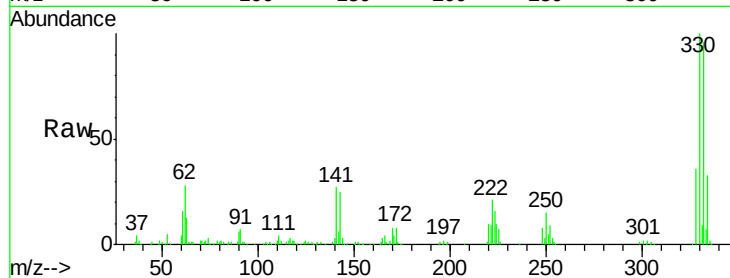




#66
4-Bromophenyl-phenylether
Concen: 4.515 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.45 min
Lab File: BG031716.D
Acq: 22 Dec 2017 18:10

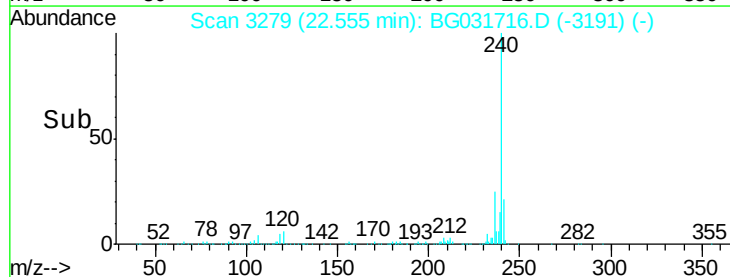
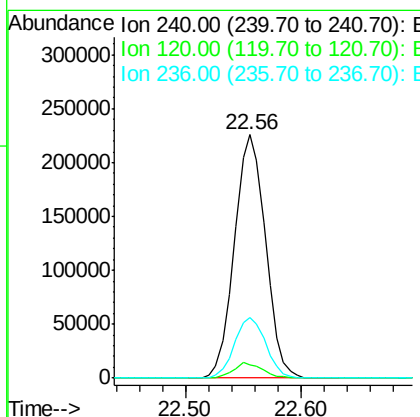
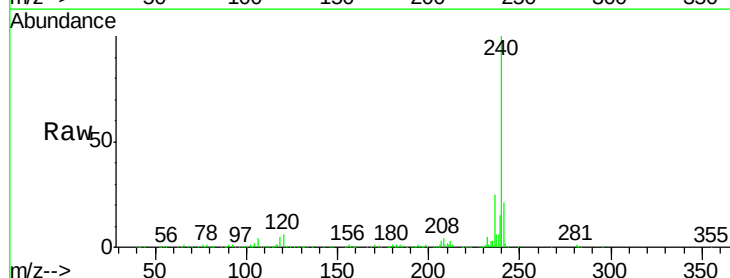
Instrument :
BNA_G
ClientSampled :
PB105237BL

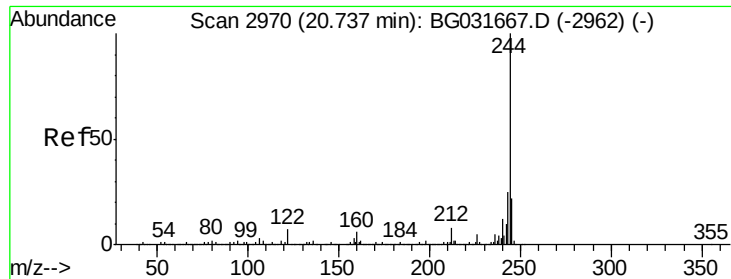
Tot Ion:248 Resp: 22502
Ion Ratio Lower Upper
248 100
250 204.7 77.1 115.7#
141 359.2 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG031716.D
Acq: 22 Dec 2017 18:10

Tgt Ion:240 Resp: 421055
Ion Ratio Lower Upper
240 100
120 5.6 6.8 10.2#
236 24.9 20.9 31.3





#78

Terphenyl-d14

Concen: 89.148 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG031716.D

Acq: 22 Dec 2017 18:10

Instrument :

BNA_G

ClientSampleId :

PB105237BL

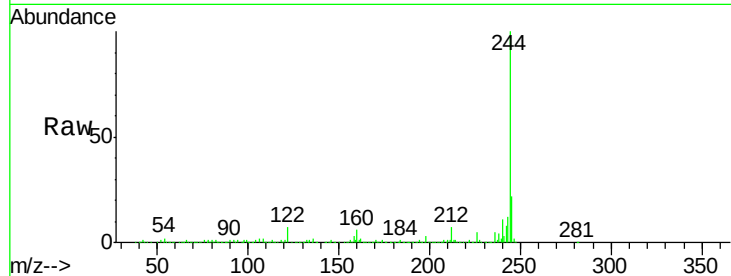
Tot Ion:244 Resp: 1642976

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

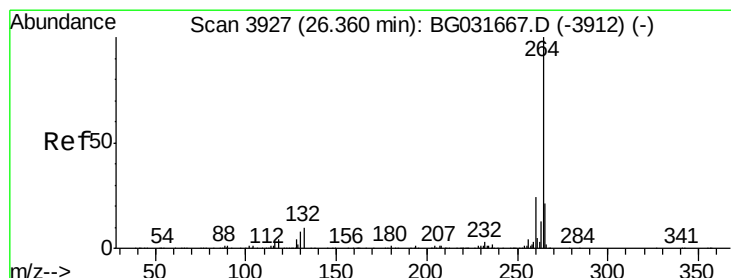
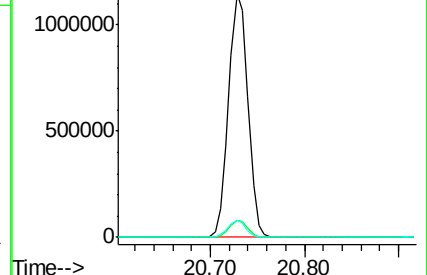
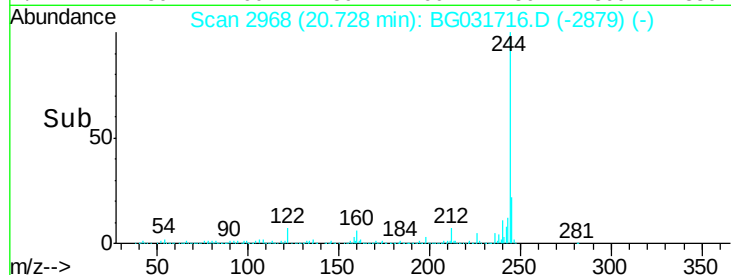
122 6.8 7.0 10.4#



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: 26.35 min Scan# 3925

Delta R.T. -0.01 min

Lab File: BG031716.D

Acq: 22 Dec 2017 18:10

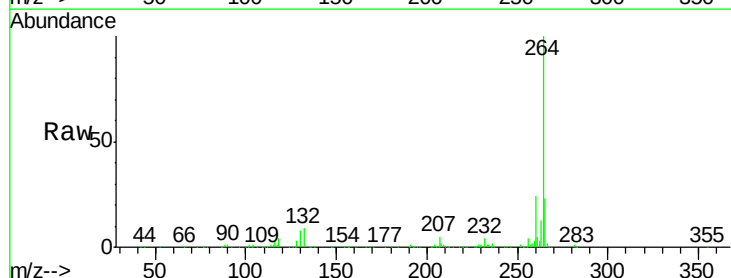
Tgt Ion:264 Resp: 449493

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 23.2 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

