

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012718\
 Data File : BG032362.D
 Acq On : 27 Jan 2018 18:39
 Operator : SJ/JU
 Sample : PB106052BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 27 23:22:08 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

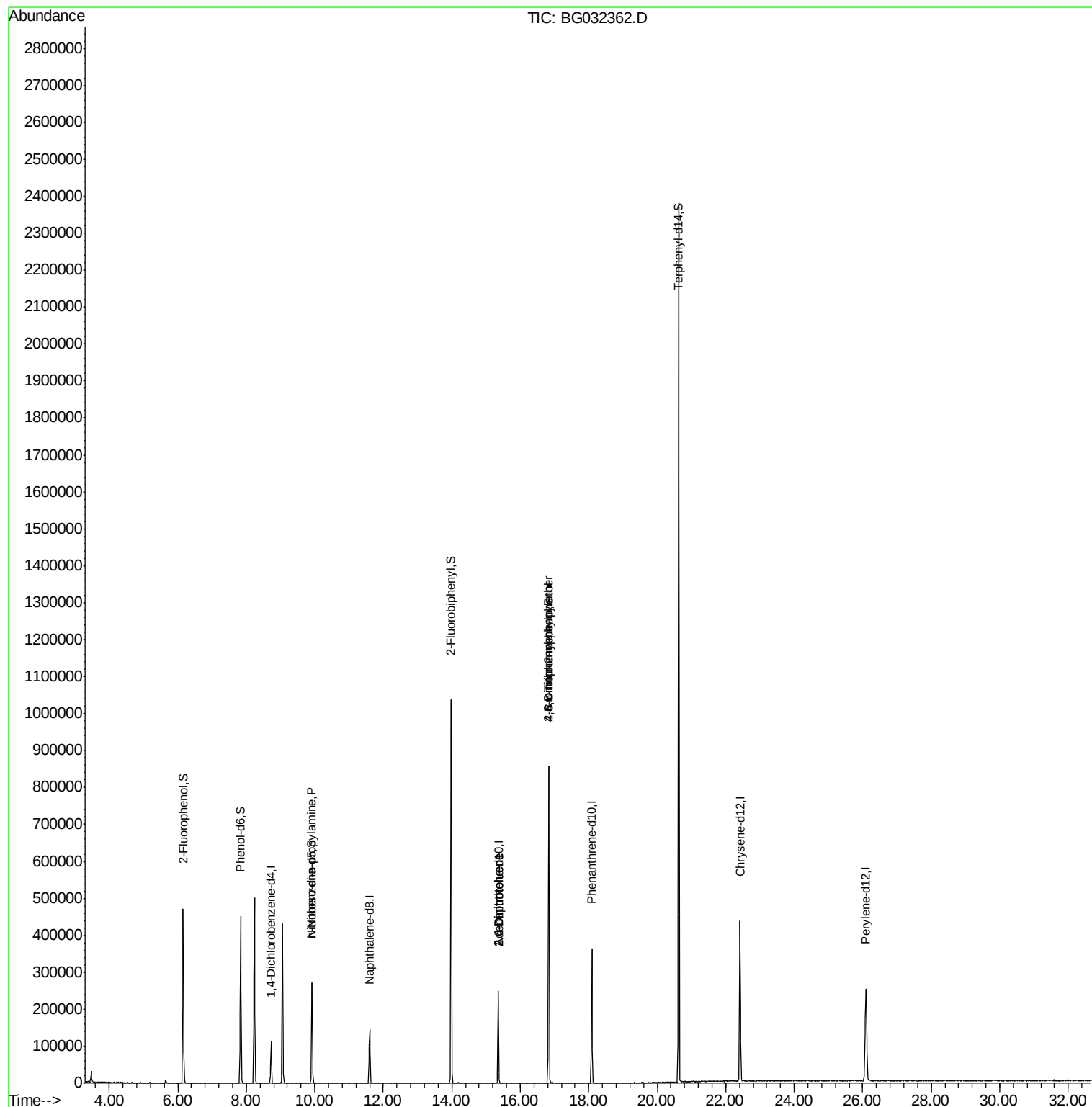
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	37409	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	140596	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	94008	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	257031	20.00	ng	0.00
75) Chrysene-d12	22.41	240	336846	20.00	ng	-0.01
86) Perylene-d12	26.09	264	360001	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	230218	112.55	ng	0.00
7) Phenol-d6	7.84	99	271696	105.47	ng	0.00
23) Nitrobenzene-d5	9.92	82	170064	81.83	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	190755	122.62	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	595437	78.54	ng	0.00
78) Terphenyl-d14	20.63	244	1233069	80.83	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.92	70	24009	15.021	ng	# 76
50) 2,6-Dinitrotoluene	15.36	165	12042	7.052	ng	# 18
56) 2,4-Dinitrotoluene	15.36	165	12042	5.238	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.83	198	564	5.192	ng	# 45
66) 4-Bromophenyl-phenylether	16.83	248	16107	4.404	ng	# 1

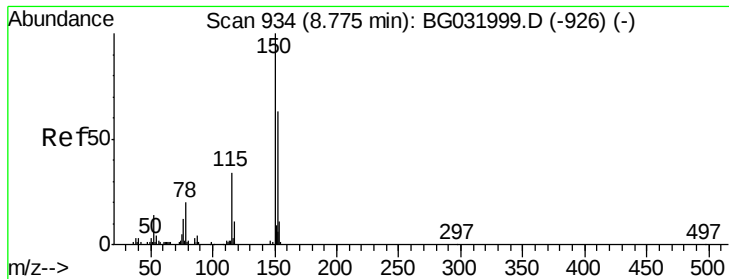
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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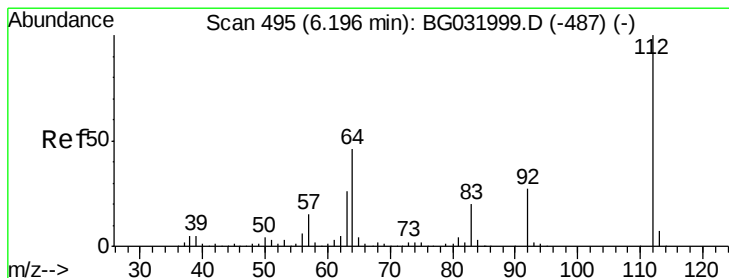
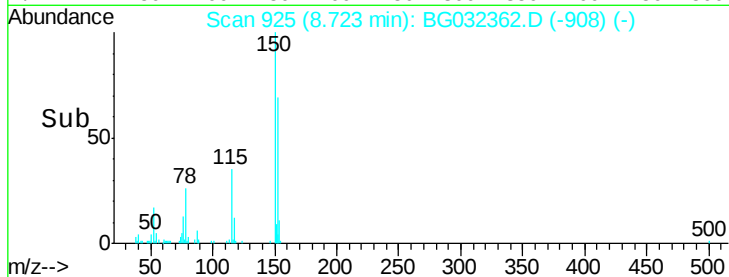
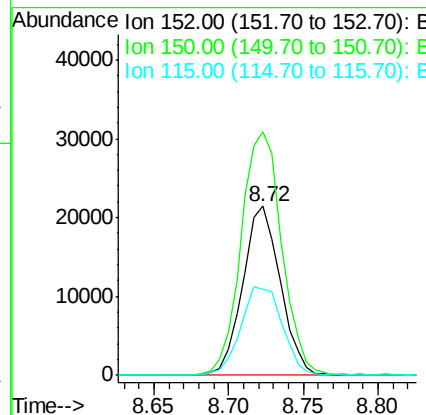
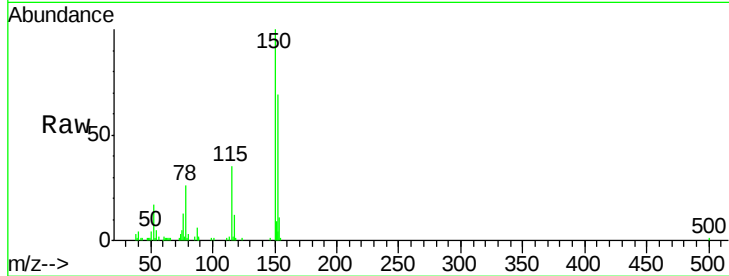


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG032362.D
Acq: 27 Jan 2018 18:39

Instrument :
BNA_G
ClientSampleId :

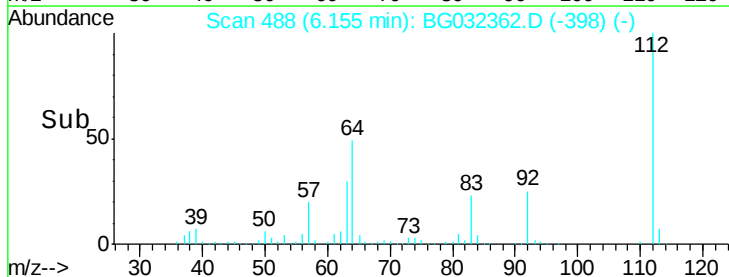
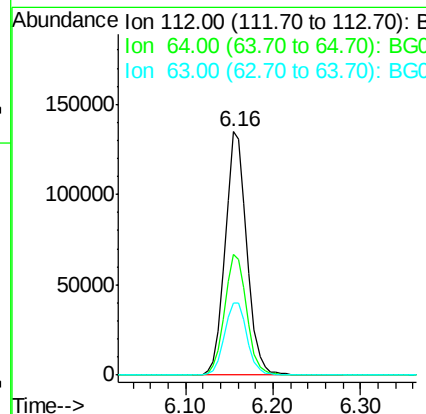
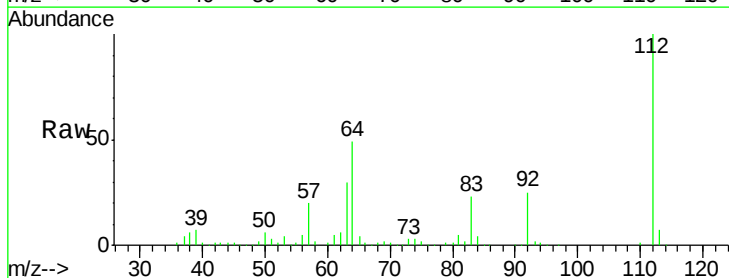
Tot Ion:152 Resp: 37409
Ion Ratio Lower Upper
152 100
150 144.1 126.6 189.8
115 51.0 53.0 79.4#

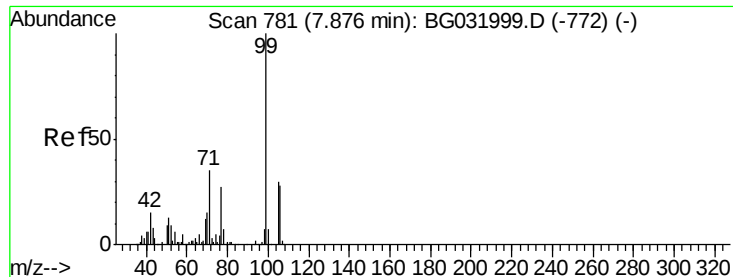


#5

2-Fluorophenol
Concen: 112.554 ng
RT: 6.16 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG032362.D
Acq: 27 Jan 2018 18:39

Tgt Ion:112 Resp: 230218
Ion Ratio Lower Upper
112 100
64 49.4 56.3 84.5#
63 29.5 30.1 45.1#





#7

Phenol-d6

Concen: 105.470 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032362.D

Acq: 27 Jan 2018 18:39

Instrument :

BNA_G

ClientSampleId :

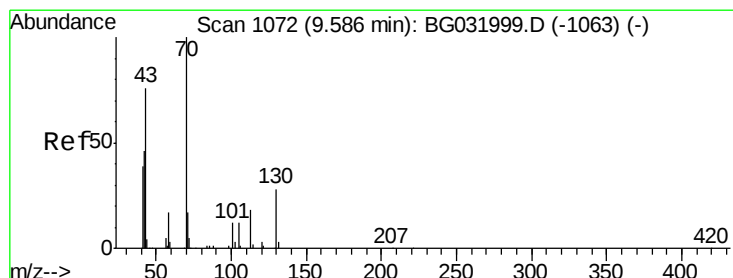
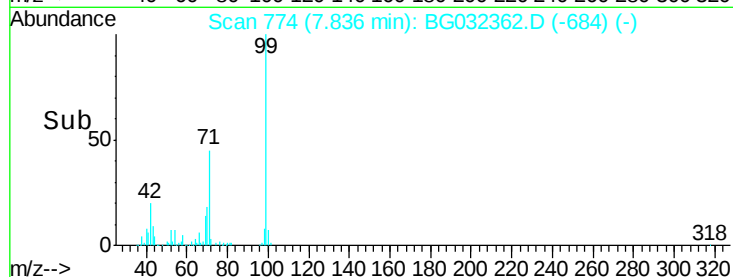
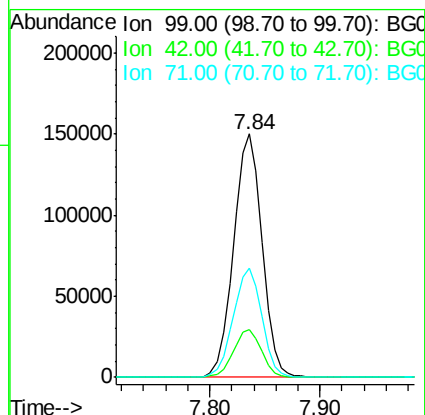
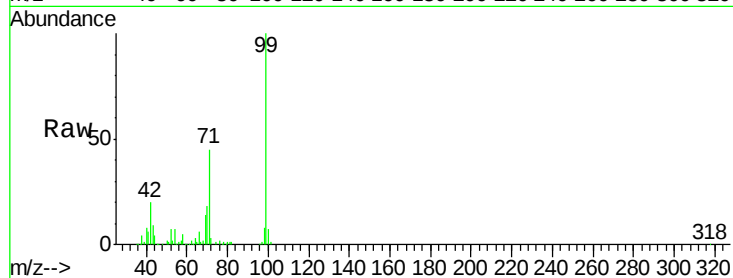
Tot Ion: 99 Resp: 271696

Ion Ratio Lower Upper

99 100

42 19.6 14.1 21.1

71 45.1 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 15.021 ng

RT: 9.92 min Scan# 1129

Delta R.T. 0.38 min

Lab File: BG032362.D

Acq: 27 Jan 2018 18:39

Tgt Ion: 70 Resp: 24009

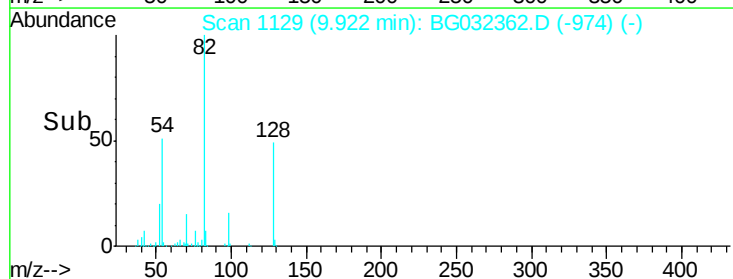
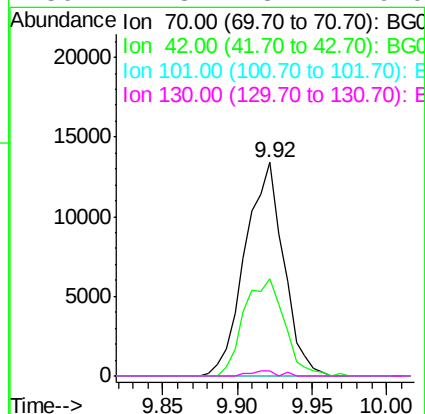
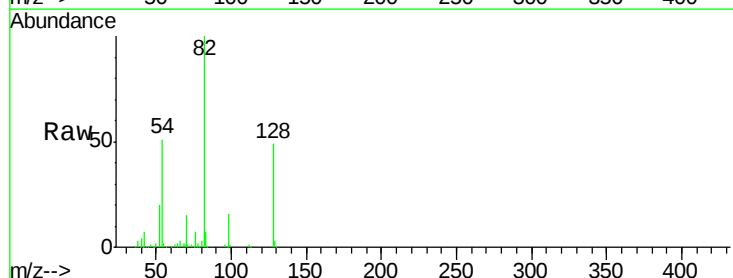
Ion Ratio Lower Upper

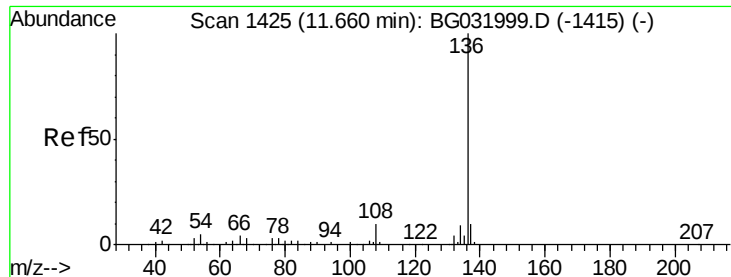
70 100

42 45.5 49.1 73.7#

101 0.0 8.5 12.7#

130 2.3 13.4 20.0#

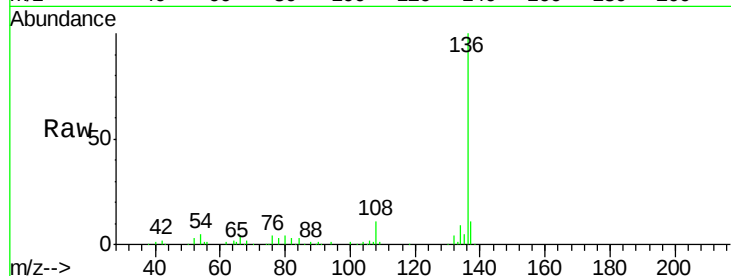




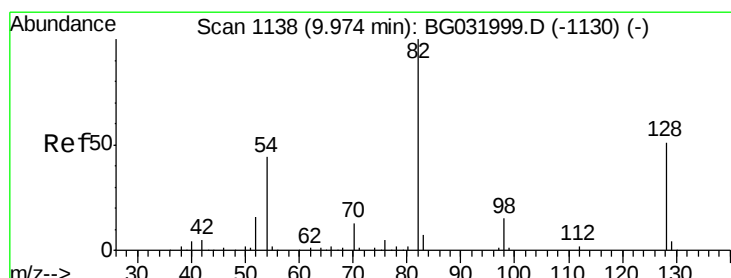
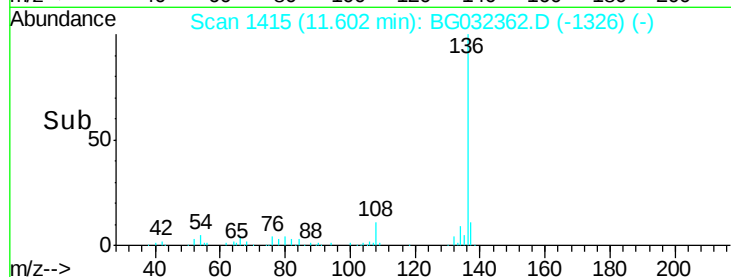
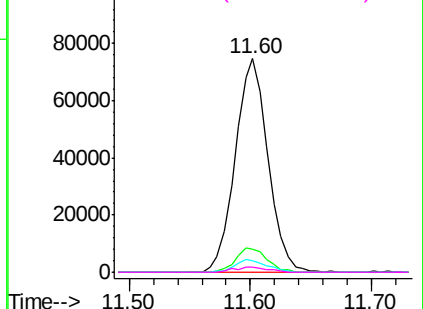
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BG032362.D
Acq: 27 Jan 2018 18:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	140596
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.2 13.8
54	5.4	10.3 15.5#
68	2.2	4.5 6.7#

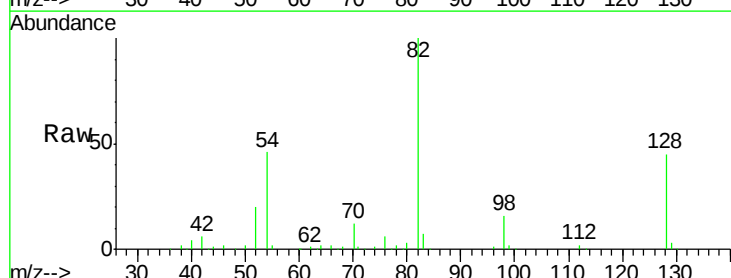


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

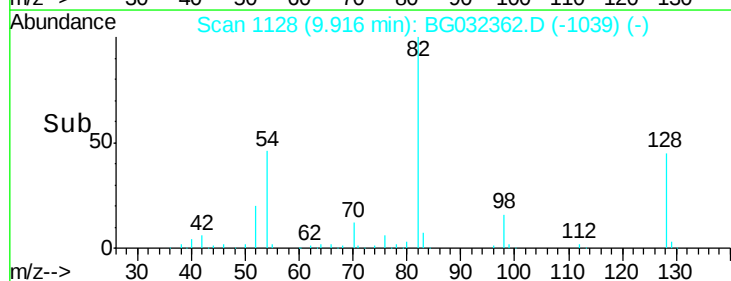
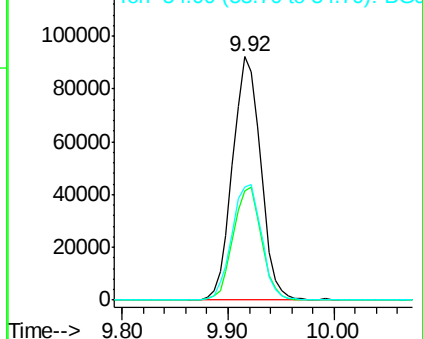


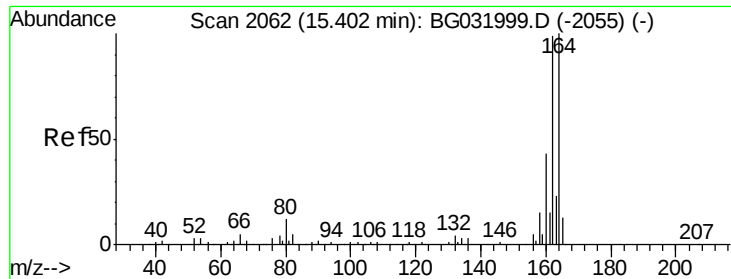
#23
Nitrobenzene-d5
Concen: 81.834 ng
RT: 9.92 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BG032362.D
Acq: 27 Jan 2018 18:39

Tgt Ion: 82	Resp:	170064
Ion Ratio	Lower	Upper
82	100	
128	44.8	29.7 44.5#
54	46.5	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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG032362.D

Acq: 27 Jan 2018 18:39

Instrument :

BNA_G

ClientSampleId :

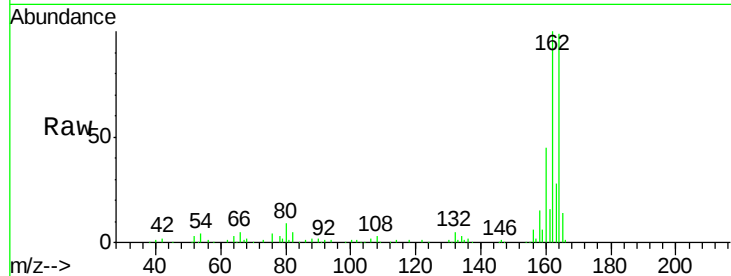
Tot Ion:164 Resp: 94008

Ion Ratio Lower Upper

164 100

162 101.1 78.8 118.2

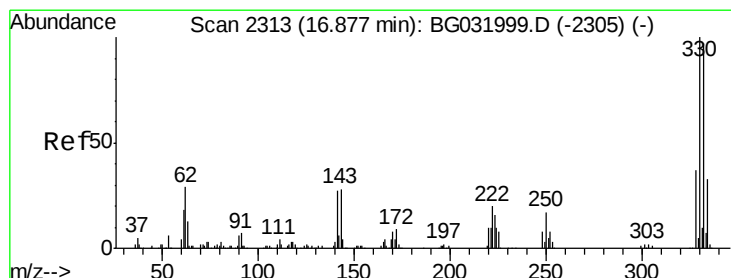
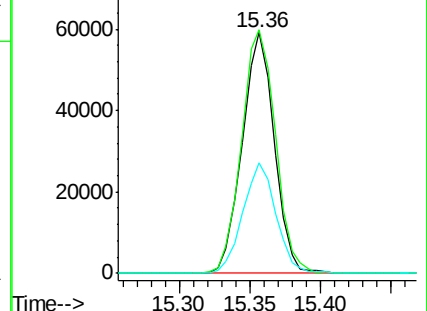
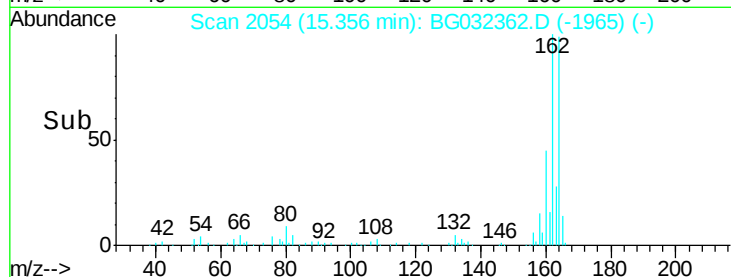
160 45.9 35.4 53.0



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: 122.624 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BG032362.D

Acq: 27 Jan 2018 18:39

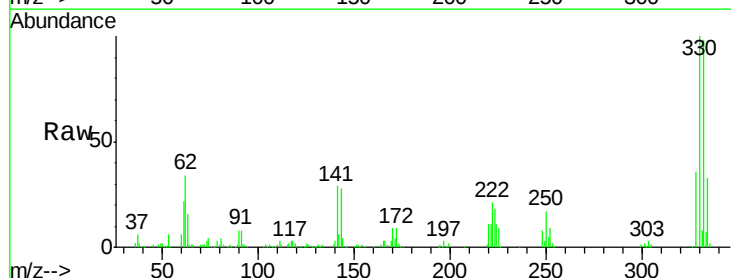
Tgt Ion:330 Resp: 190755

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

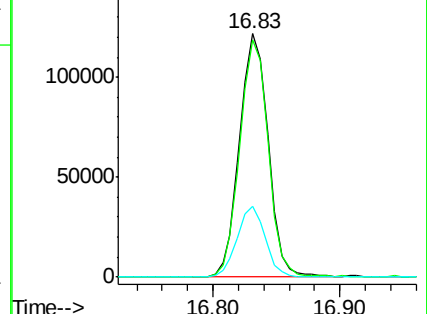
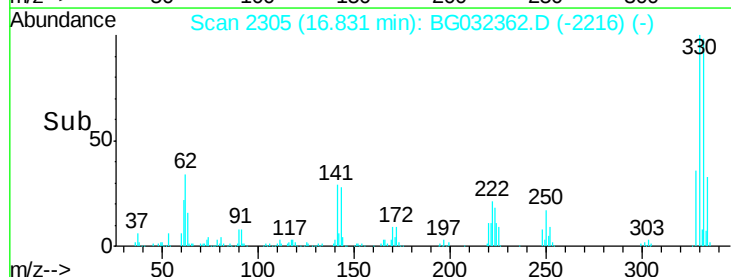
141 28.5 25.2 37.8

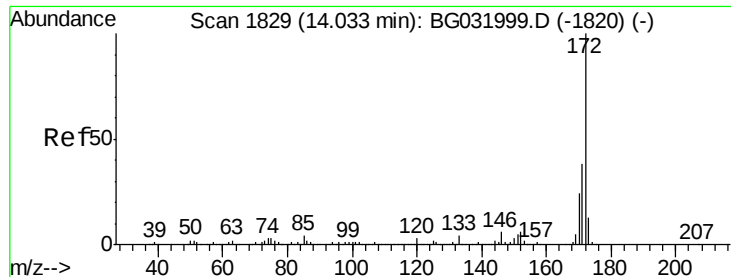


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

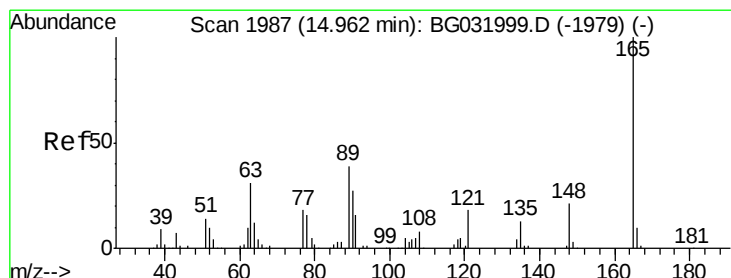
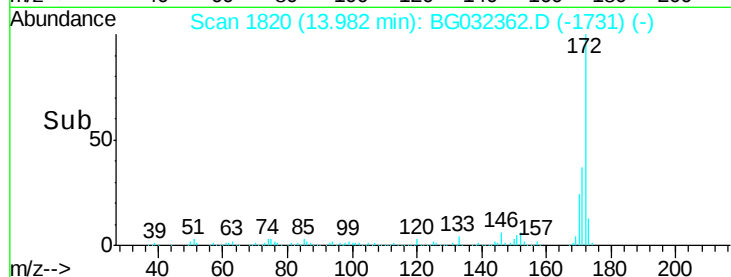
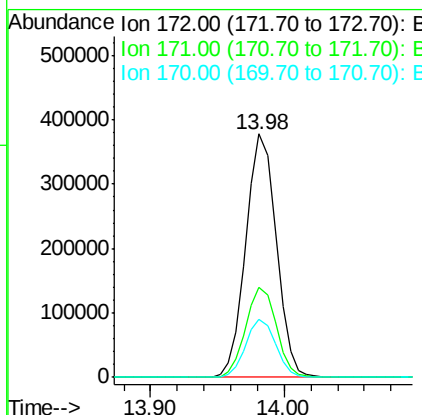
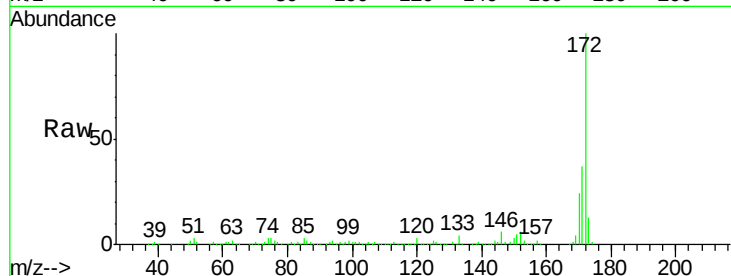




#44
 2-Fluorobiphenyl
 Concen: 78.537 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG032362.D
 Acq: 27 Jan 2018 18:39

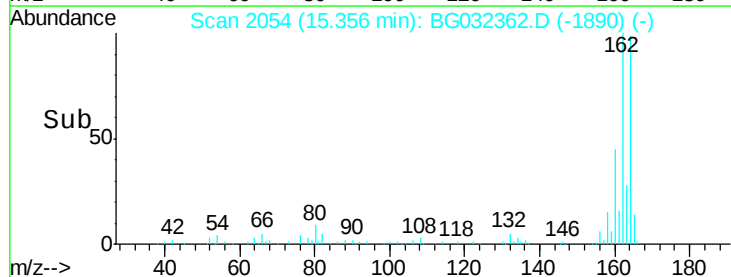
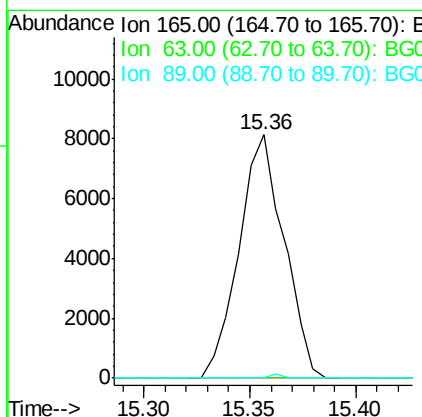
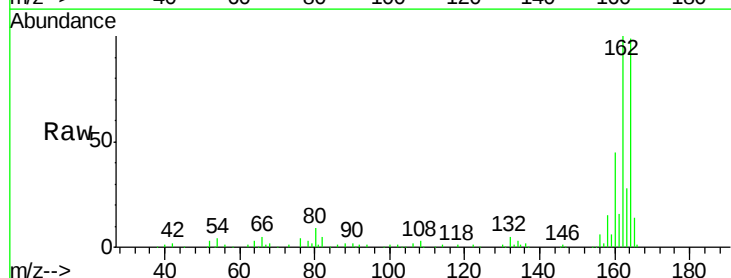
Instrument :
 BNA_G
 ClientSampleId :

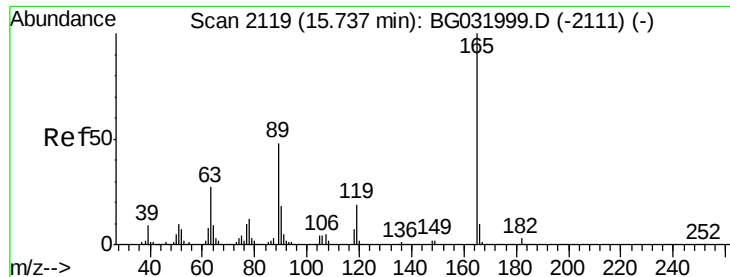
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.0	45.0
170	23.7	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.052 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. 0.43 min
 Lab File: BG032362.D
 Acq: 27 Jan 2018 18:39

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

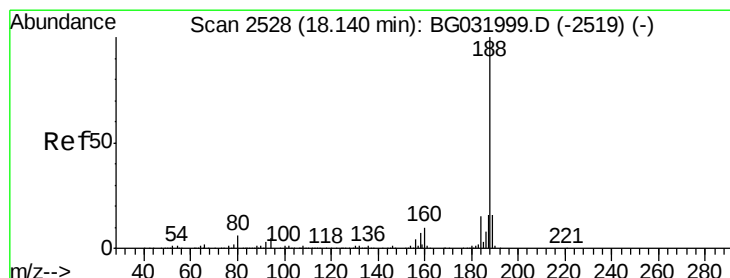
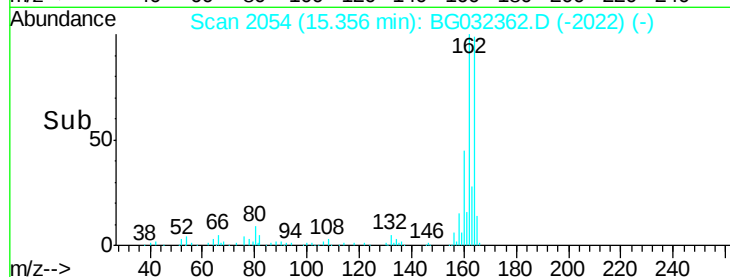
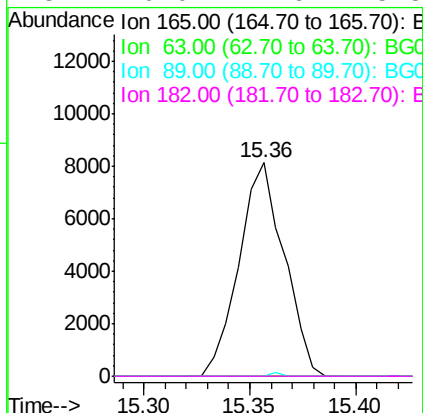
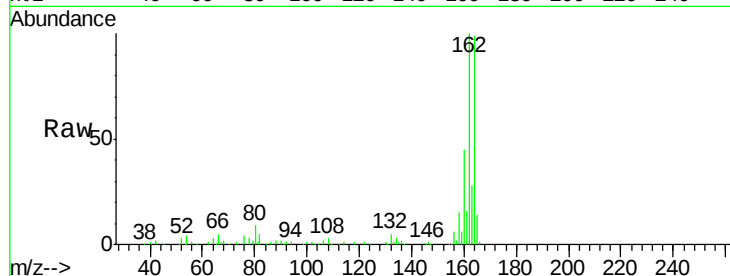




#56
 2,4-Dinitrotoluene
 Concen: 5.238 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.34 min
 Lab File: BG032362.D
 Acq: 27 Jan 2018 18:39

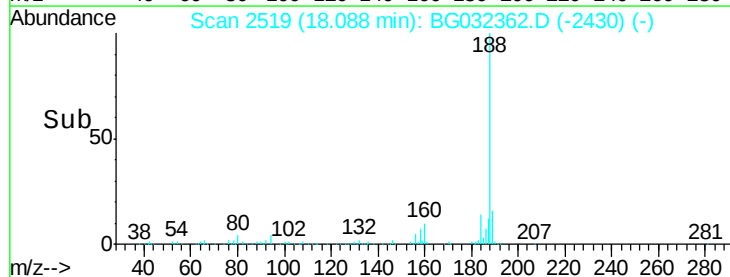
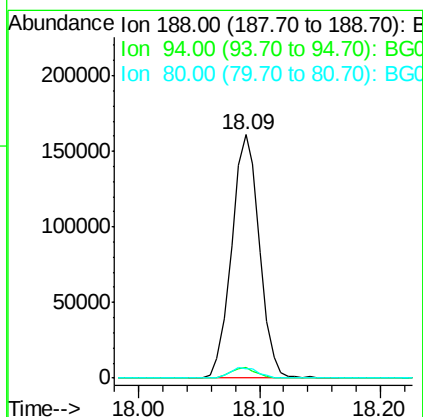
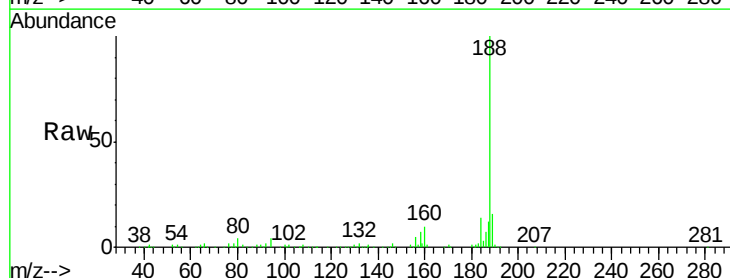
Instrument :
 BNA_G
 ClientSampleId :

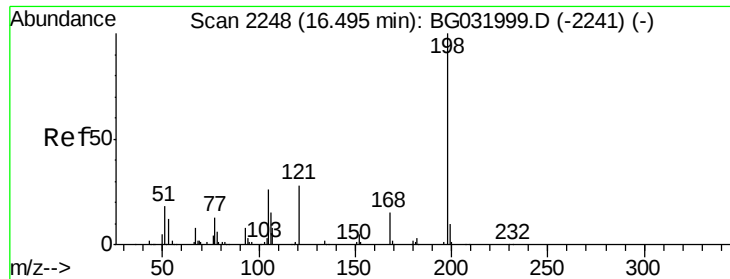
Tot Ion:165 Resp: 12042
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.09 min Scan# 2519
 Delta R.T. -0.01 min
 Lab File: BG032362.D
 Acq: 27 Jan 2018 18:39

Tgt Ion:188 Resp: 257031
 Ion Ratio Lower Upper
 188 100
 94 4.2 6.9 10.3#
 80 4.0 7.7 11.5#

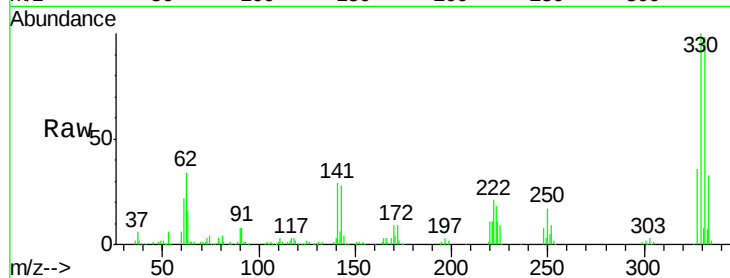




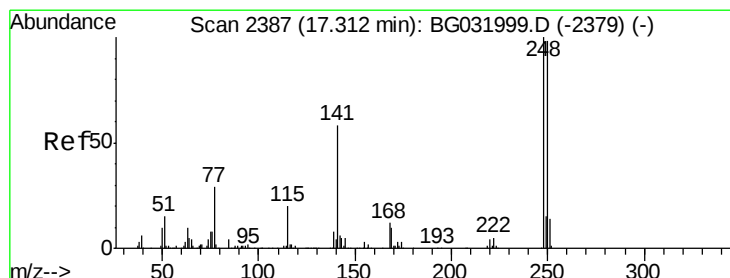
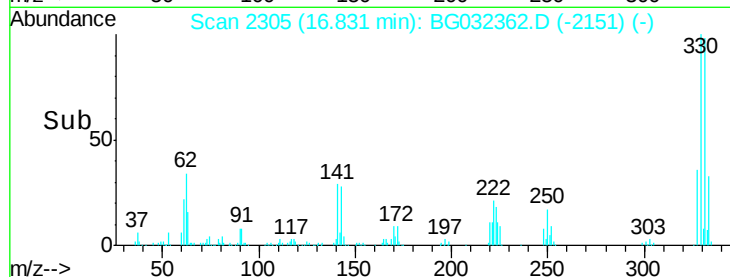
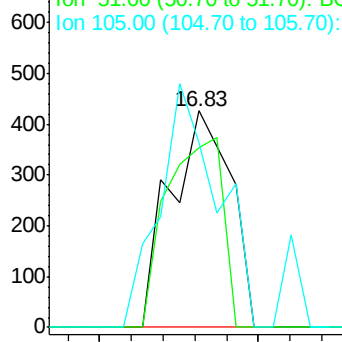
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.192 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. 0.38 min
 Lab File: BG032362.D
 Acq: 27 Jan 2018 18:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	83.3	30.6	70.6#
105	85.4	23.8	63.8#

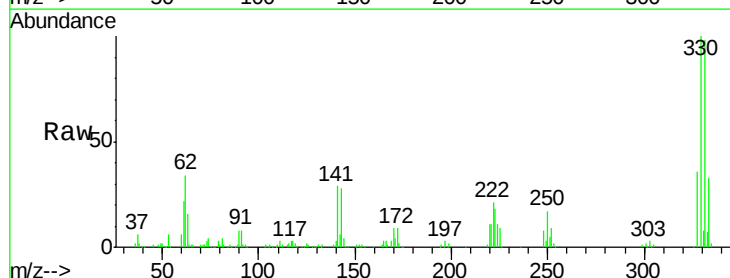


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

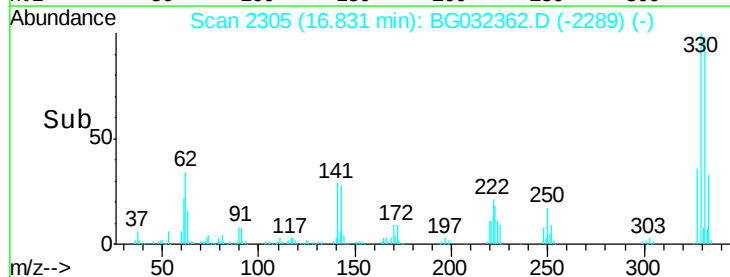
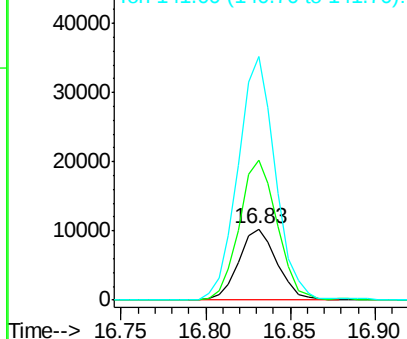


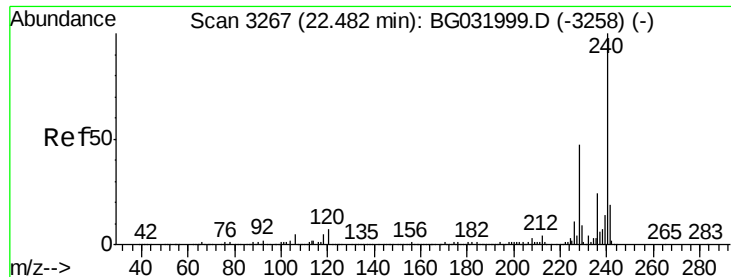
#66
 4-Bromophenyl-phenylether
 Concen: 4.404 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.43 min
 Lab File: BG032362.D
 Acq: 27 Jan 2018 18:39

Tgt Ion	Ratio	Lower	Upper
248	100		
250	198.0	77.1	115.7#
141	343.7	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: 22.41 min Scan# 3255

Delta R.T. -0.01 min

Lab File: BG032362.D

Acq: 27 Jan 2018 18:39

Instrument :

BNA_G

ClientSampleId :

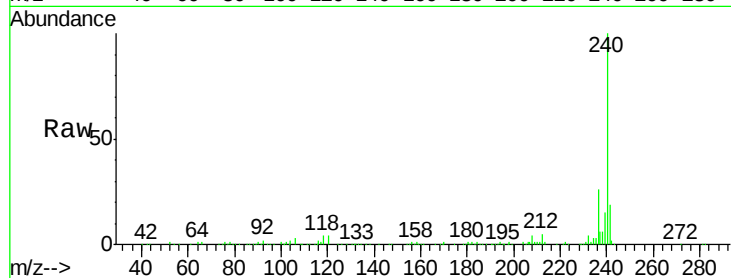
Tot Ion:240 Resp: 336846

Ion Ratio Lower Upper

240 100

120 4.1 6.8 10.2#

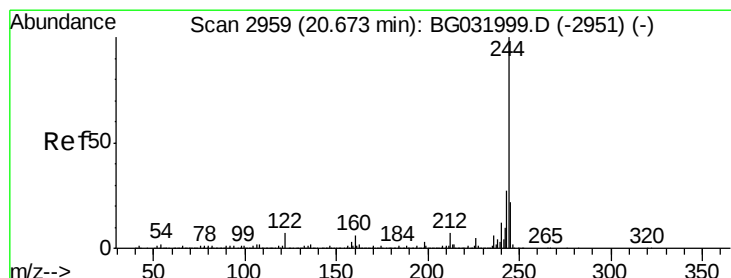
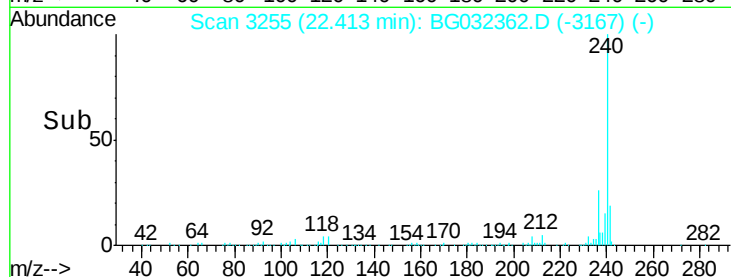
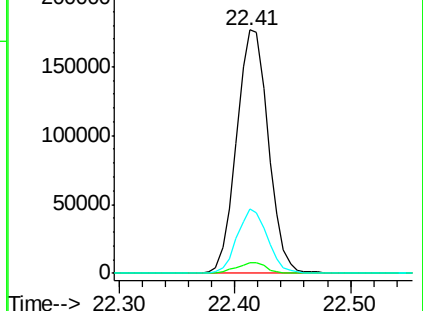
236 26.3 20.9 31.3



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: 80.828 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.01 min

Lab File: BG032362.D

Acq: 27 Jan 2018 18:39

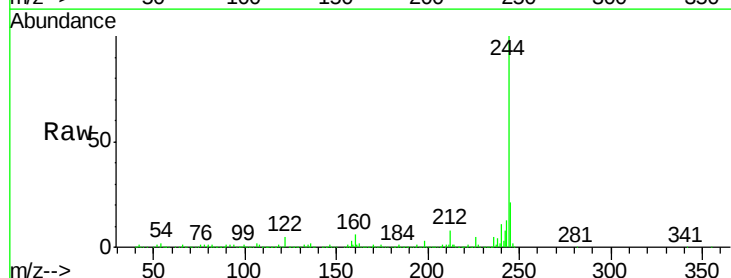
Tgt Ion:244 Resp: 1233069

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

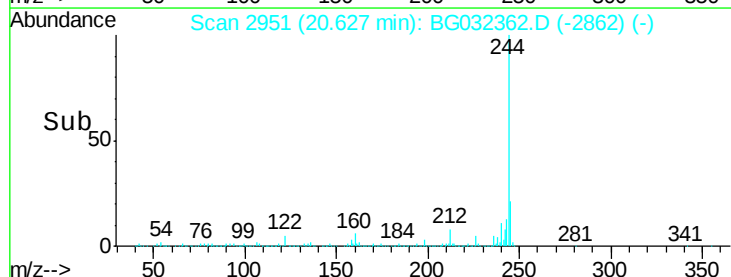
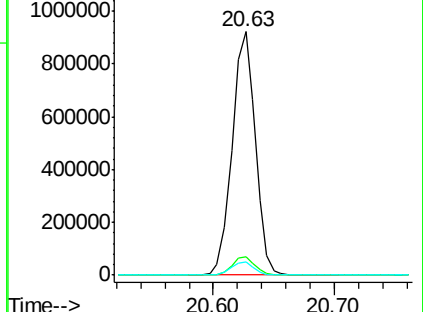
122 5.2 7.0 10.4#

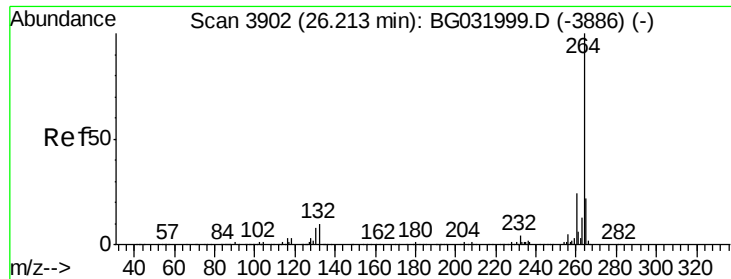


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.09 min Scan# 3881
 Delta R.T. -0.02 min
 Lab File: BG032362.D
 Acq: 27 Jan 2018 18:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	23.0	17.7	26.5

