

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012718\
 Data File : BG032361.D
 Acq On : 27 Jan 2018 18:02
 Operator : SJ/JU
 Sample : PB106110BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 27 23:21:55 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

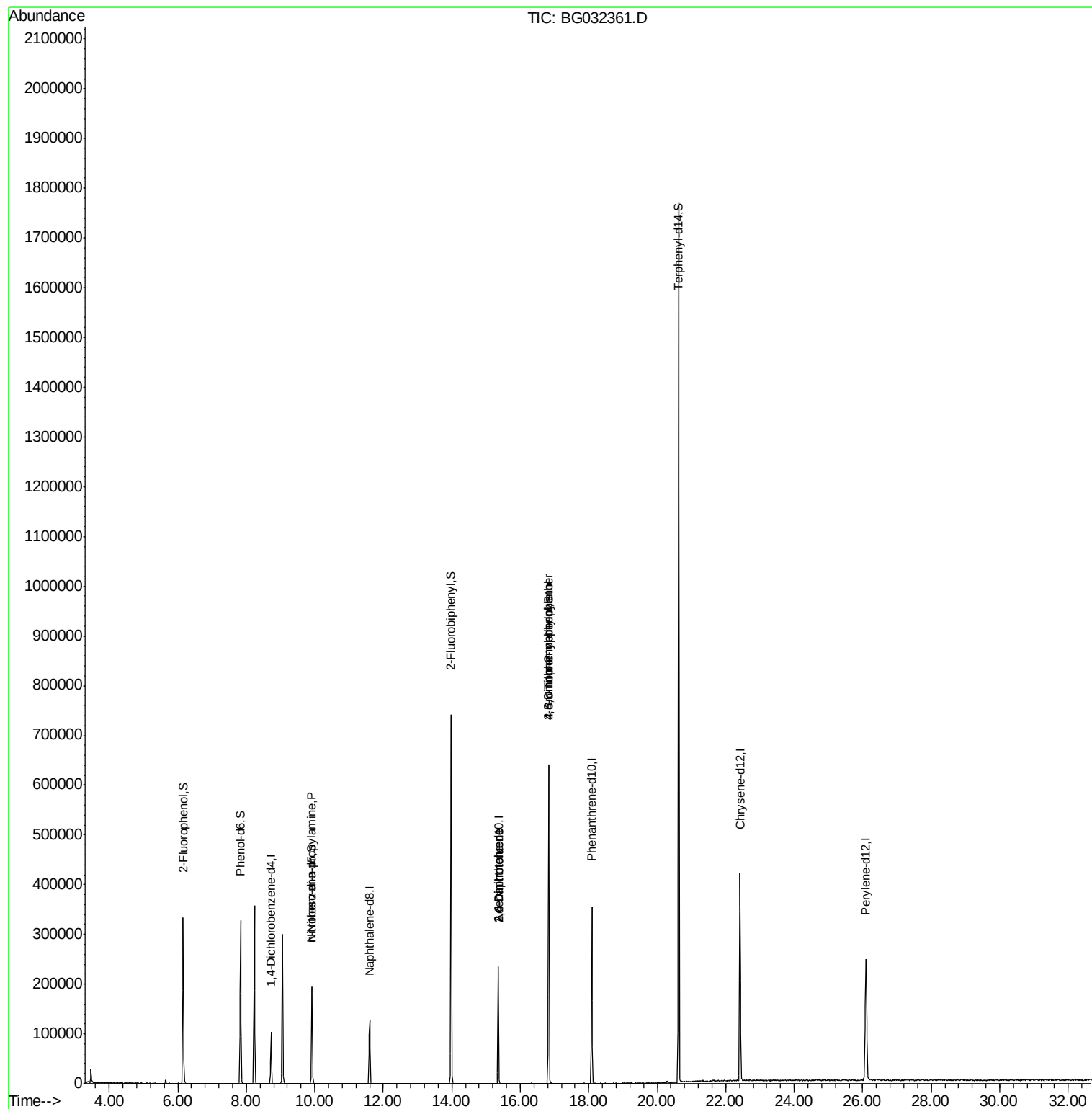
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	34867	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	131073	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	87482	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	243165	20.00	ng	0.00
75) Chrysene-d12	22.42	240	323303	20.00	ng	0.00
86) Perylene-d12	26.10	264	344912	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	162516	85.25	ng	0.00
7) Phenol-d6	7.83	99	193725	80.68	ng	0.00
23) Nitrobenzene-d5	9.92	82	120553	62.22	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	144574	99.87	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	433880	61.50	ng	0.00
78) Terphenyl-d14	20.63	244	959698	65.54	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.91	70	17487	11.738	ng	# 76
50) 2,6-Dinitrotoluene	15.35	165	10679	6.721	ng	# 18
56) 2,4-Dinitrotoluene	15.35	165	10679	4.992	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.83	198	360	5.092	ng	# 8
66) 4-Bromophenyl-phenylether	16.83	248	12569	3.633	ng	# 1

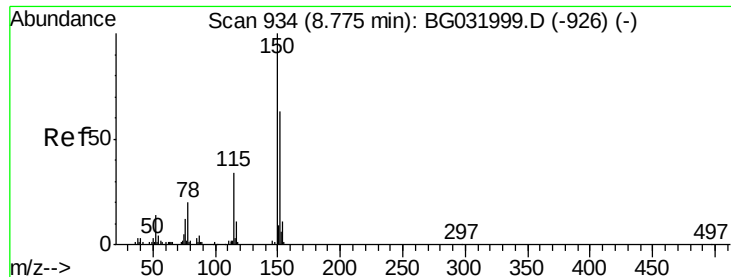
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012718\
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Misc :
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BNA_G
ClientSampleId :

Quant Time: Jan 27 23:21:55 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



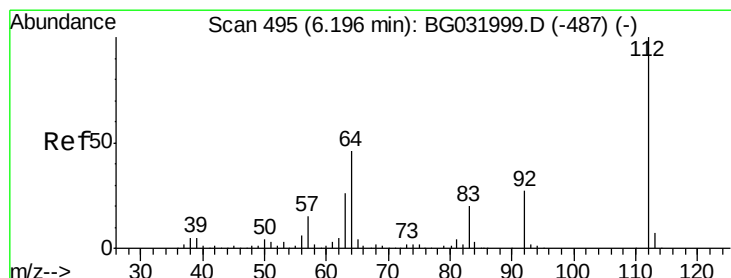
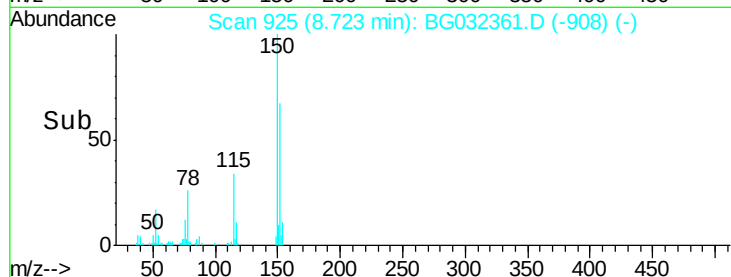
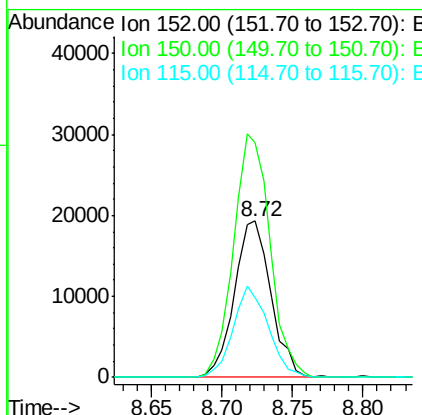
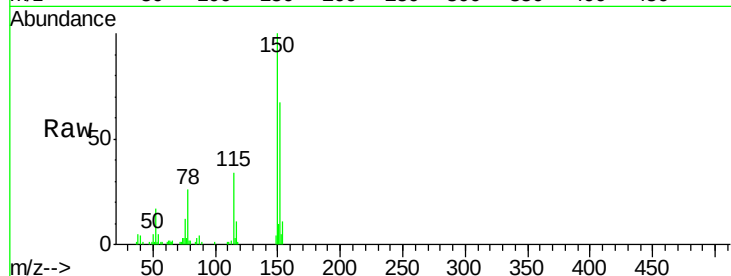


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG032361.D
Acq: 27 Jan 2018 18:02

Instrument :
BNA_G
ClientSampleId :

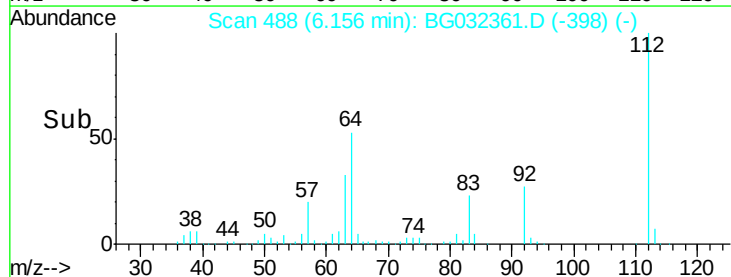
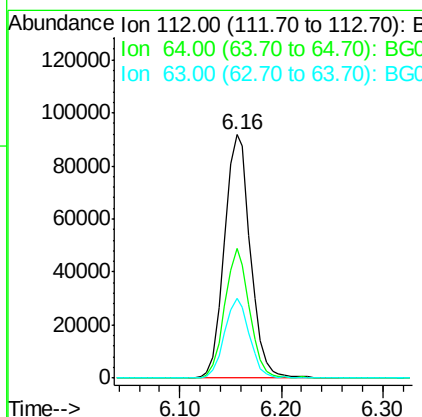
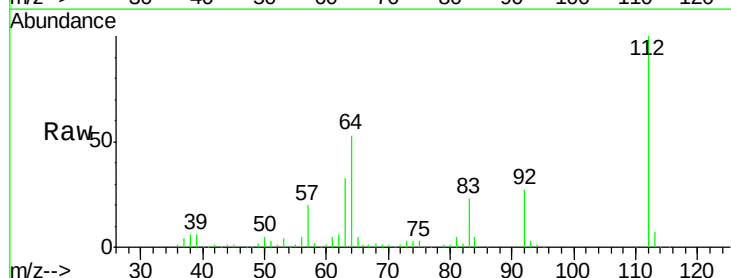
Tot Ion:152 Resp: 34867
Ion Ratio Lower Upper
152 100
150 149.9 126.6 189.8
115 50.7 53.0 79.4#

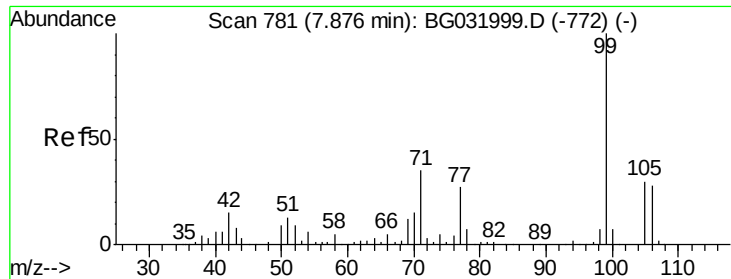


#5

2-Fluorophenol
Concen: 85.247 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032361.D
Acq: 27 Jan 2018 18:02

Tgt Ion:112 Resp: 162516
Ion Ratio Lower Upper
112 100
64 53.4 56.3 84.5#
63 32.9 30.1 45.1





#7

Phenol-d6

Concen: 80.685 ng

RT: 7.83 min Scan# 773

Delta R.T. -0.01 min

Lab File: BG032361.D

Acq: 27 Jan 2018 18:02

Instrument :

BNA_G

ClientSampleId :

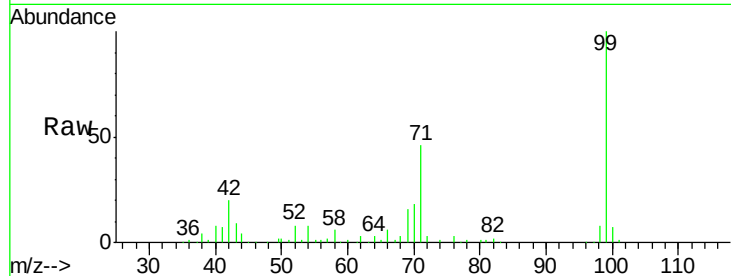
Tot Ion: 99 Resp: 193725

Ion Ratio Lower Upper

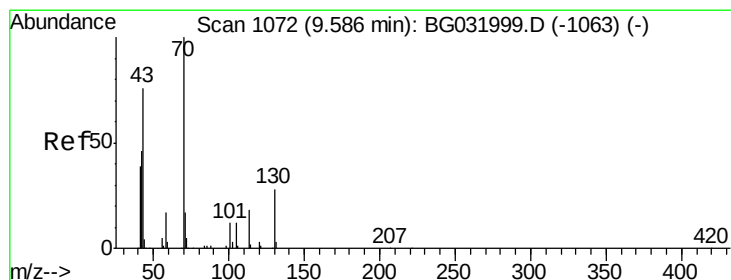
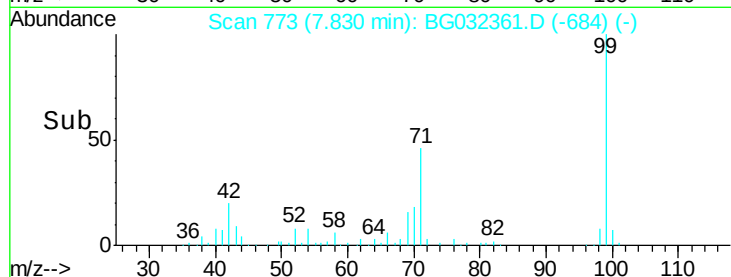
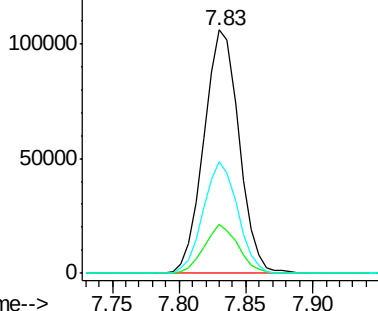
99 100

42 20.3 14.1 21.1

71 46.0 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



#19

n-Nitroso-di-n-propylamine

Concen: 11.738 ng

RT: 9.91 min Scan# 1127

Delta R.T. 0.37 min

Lab File: BG032361.D

Acq: 27 Jan 2018 18:02

Tgt Ion: 70 Resp: 17487

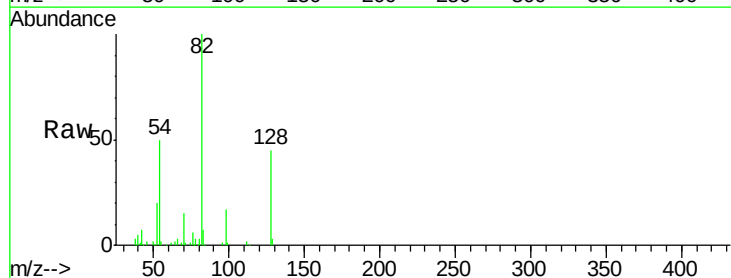
Ion Ratio Lower Upper

70 100

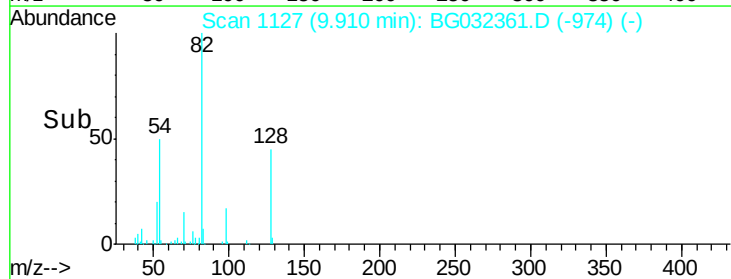
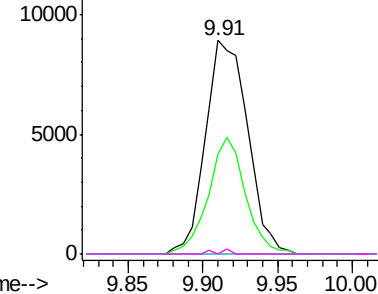
42 46.9 49.1 73.7#

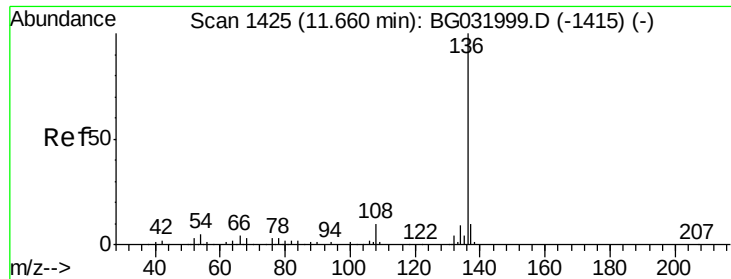
101 0.0 8.5 12.7#

130 0.0 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.60 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BG032361.D

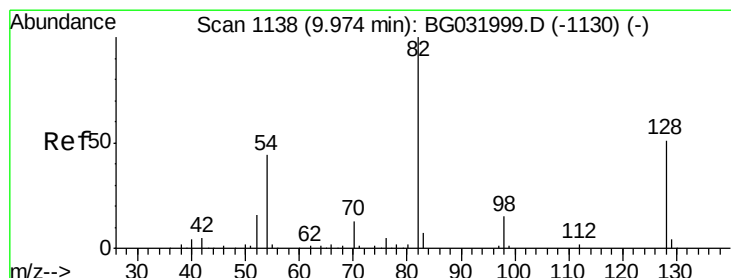
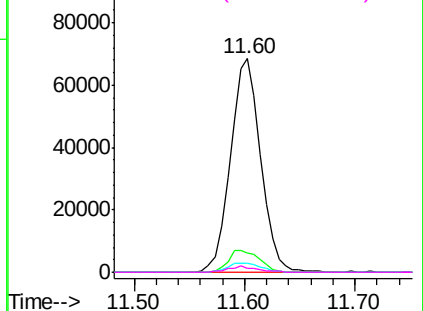
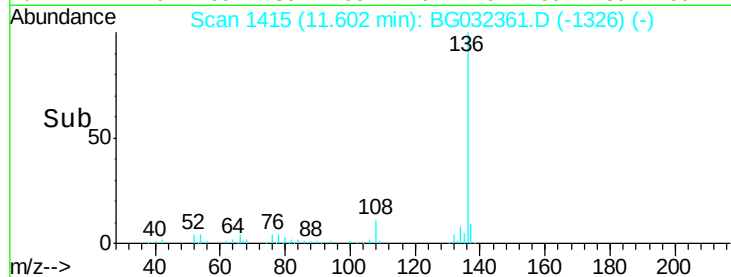
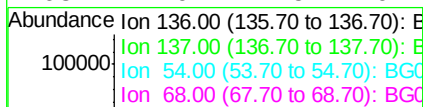
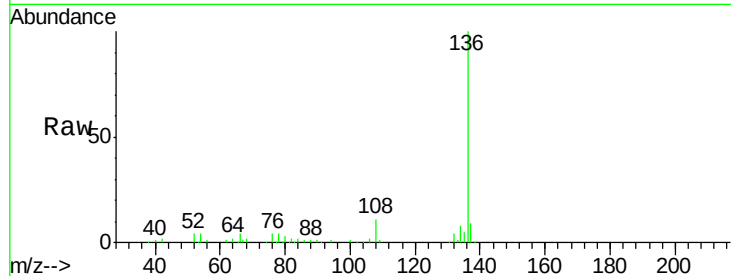
Acq: 27 Jan 2018 18:02

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136	Resp:	131073
Ion Ratio	Lower	Upper
136	100	
137	9.3	9.2 13.8
54	4.4	10.3 15.5#
68	2.0	4.5 6.7#



#23

Nitrobenzene-d5

Concen: 62.224 ng

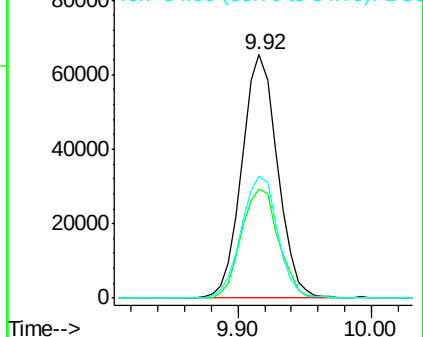
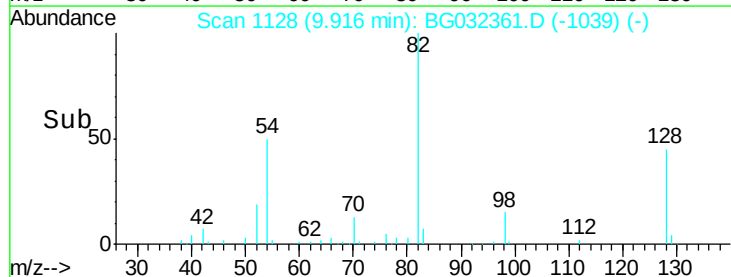
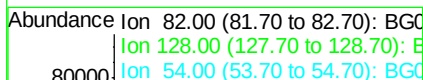
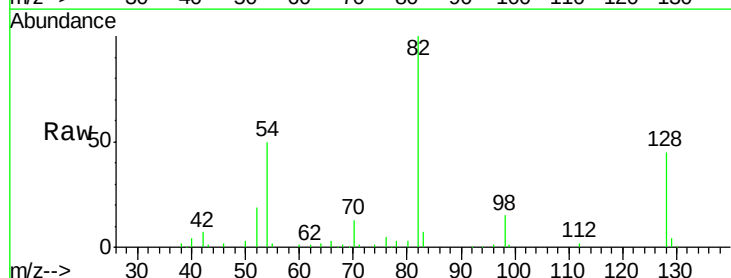
RT: 9.92 min Scan# 1128

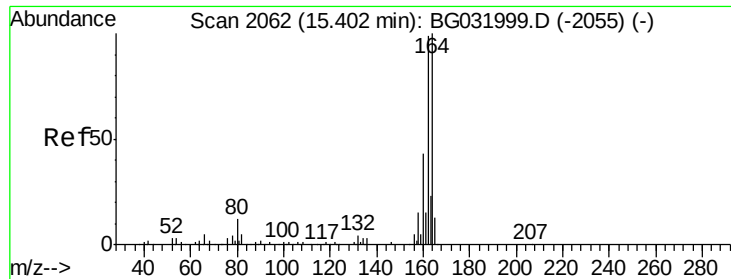
Delta R.T. -0.01 min

Lab File: BG032361.D

Acq: 27 Jan 2018 18:02

Tgt Ion: 82	Resp:	120553
Ion Ratio	Lower	Upper
82	100	
128	45.0	29.7 44.5#
54	50.3	43.1 64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG032361.D

Acq: 27 Jan 2018 18:02

Instrument :

BNA_G

ClientSampleId :

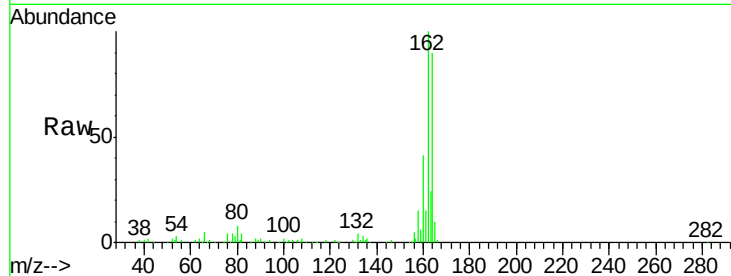
Tot Ion:164 Resp: 87482

Ion Ratio Lower Upper

164 100

162 110.9 78.8 118.2

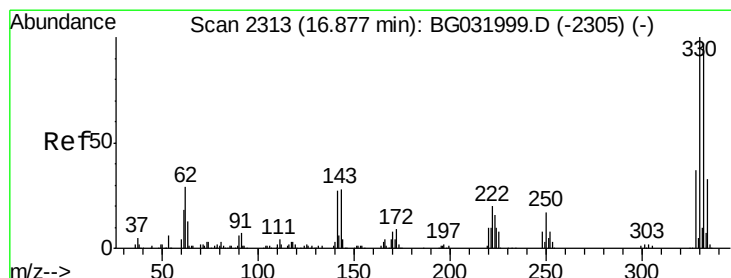
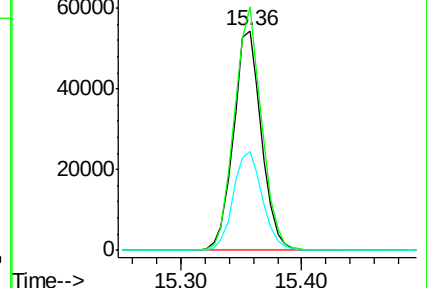
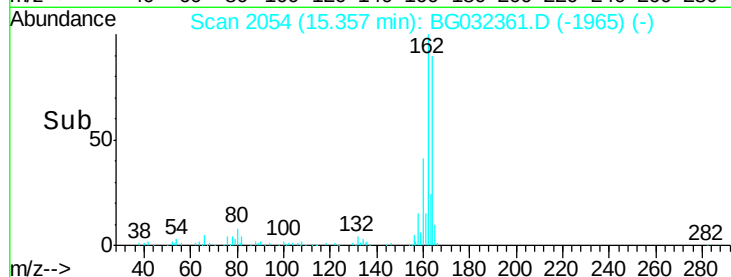
160 45.1 35.4 53.0



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: 99.870 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BG032361.D

Acq: 27 Jan 2018 18:02

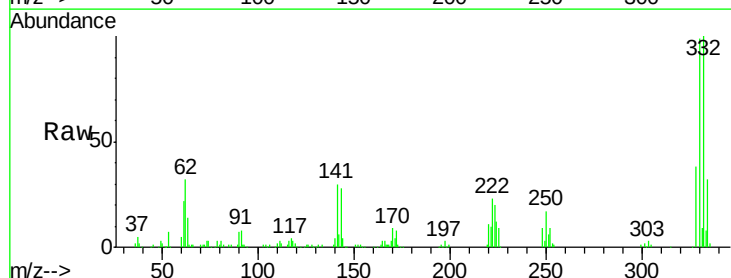
Tgt Ion:330 Resp: 144574

Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.6

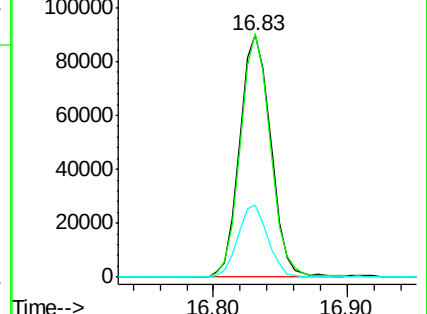
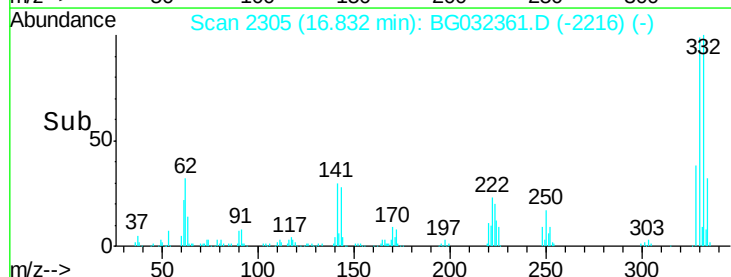
141 29.0 25.2 37.8

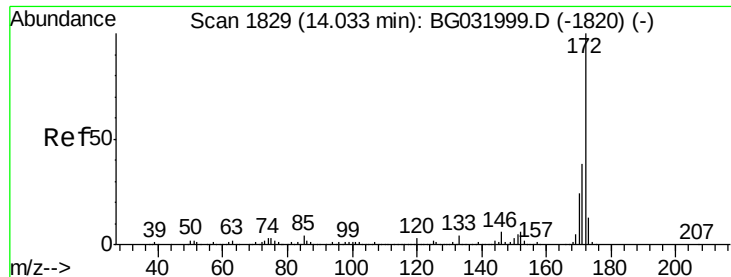


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

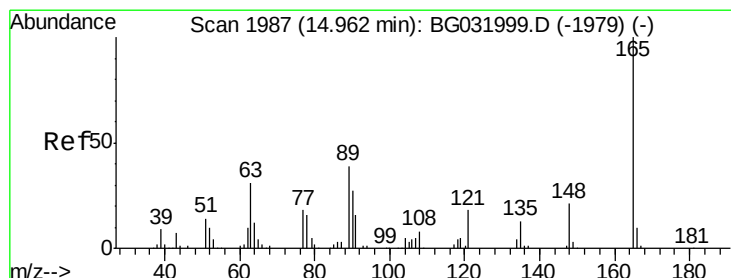
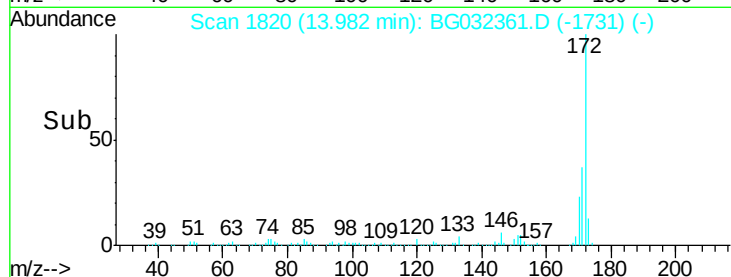
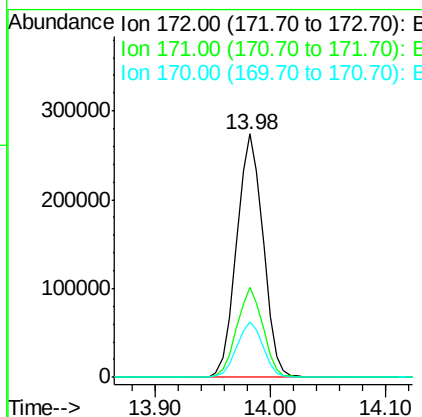
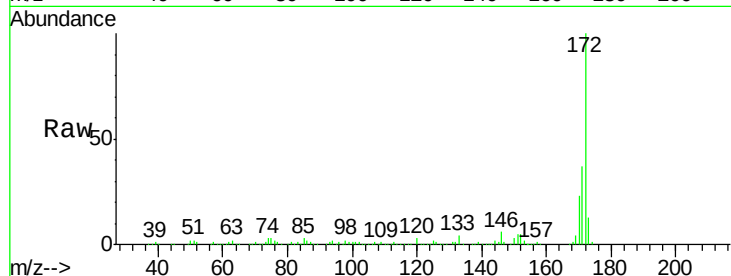




#44
 2-Fluorobiphenyl
 Concen: 61.497 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG032361.D
 Acq: 27 Jan 2018 18:02

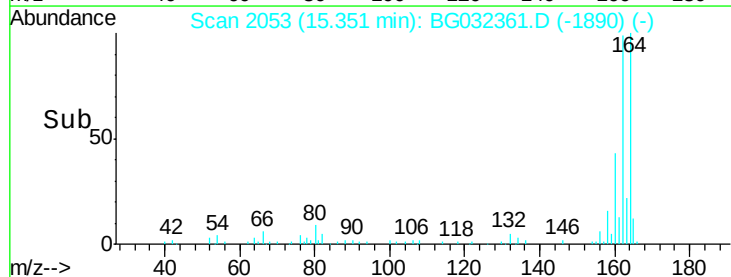
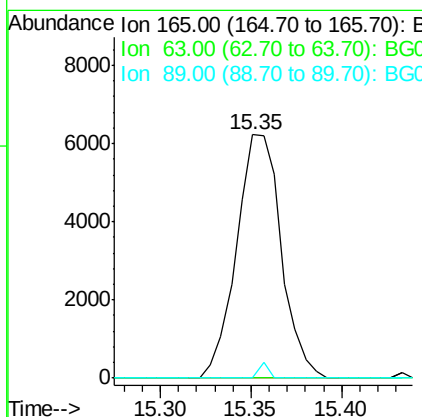
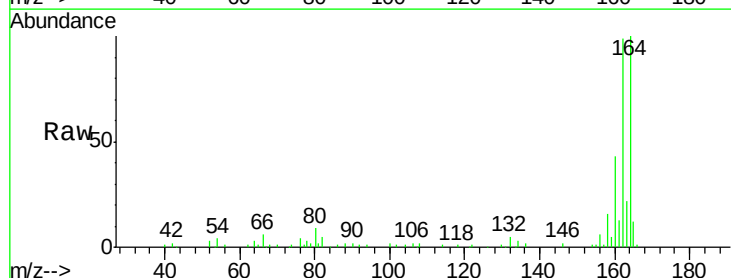
Instrument :
 BNA_G
 ClientSampleId :

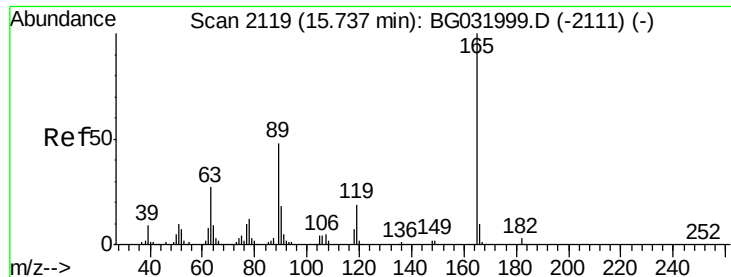
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	22.8	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 6.721 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. 0.43 min
 Lab File: BG032361.D
 Acq: 27 Jan 2018 18:02

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: 4.992 ng

RT: 15.35 min Scan# 2053

Delta R.T. -0.35 min

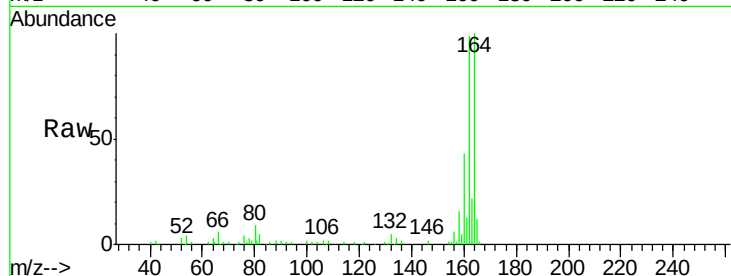
Lab File: BG032361.D

Acq: 27 Jan 2018 18:02

Instrument :

BNA_G

ClientSampleId :



Tot Ion:165 Resp: 10679

Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

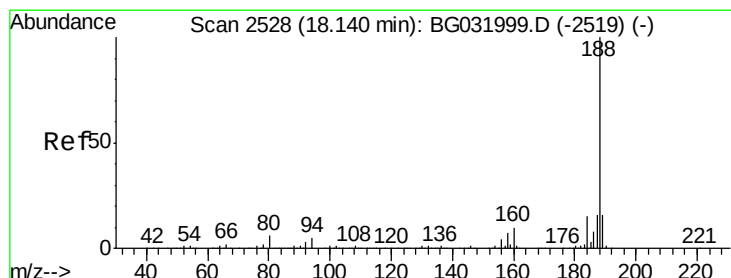
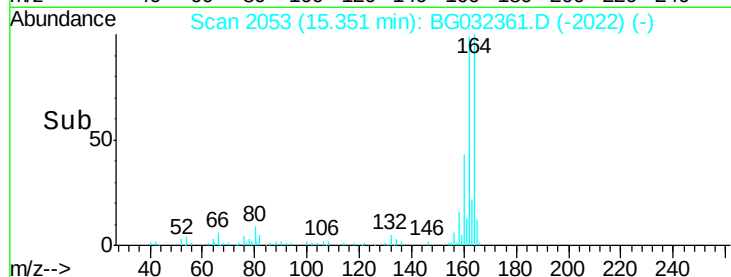
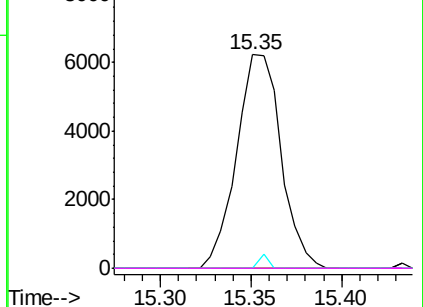
182 0.0 2.6 3.8#

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: 18.09 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BG032361.D

Acq: 27 Jan 2018 18:02

Tgt Ion:188 Resp: 243165

Ion Ratio Lower Upper

188 100

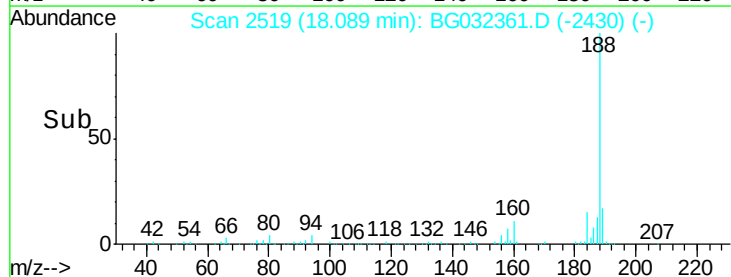
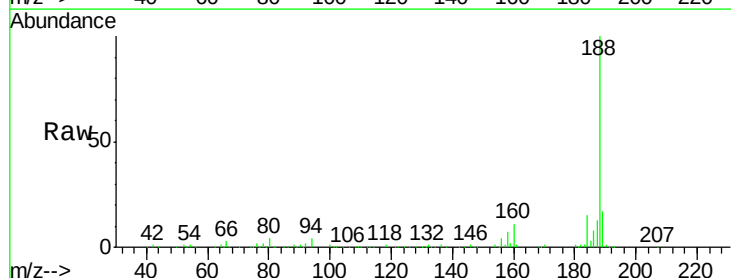
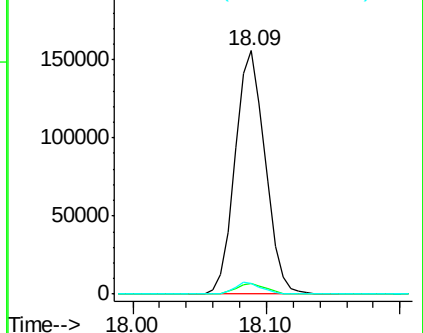
94 4.1 6.9 10.3#

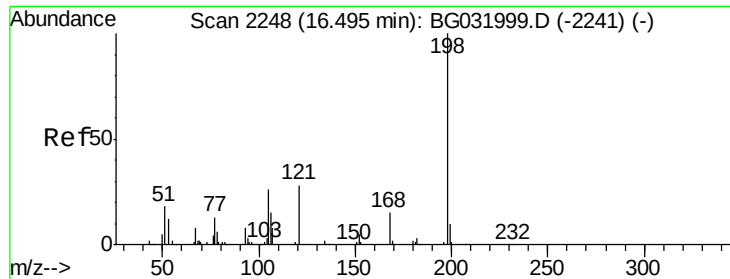
80 4.3 7.7 11.5#

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: 5.092 ng

RT: 16.83 min Scan# 2305

Delta R.T. 0.38 min

Lab File: BG032361.D

Acq: 27 Jan 2018 18:02

Instrument :

BNA_G

ClientSampleId :

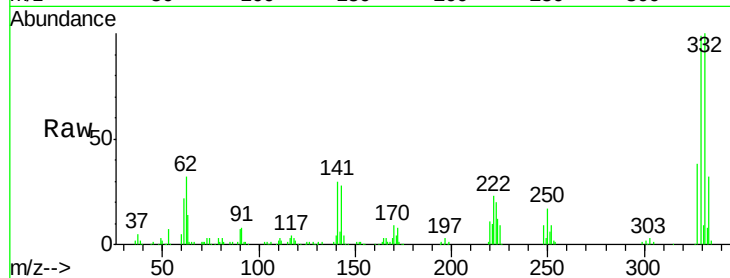
Tot Ion:198 Resp: 360

Ion Ratio Lower Upper

198 100

51 104.1 30.6 70.6#

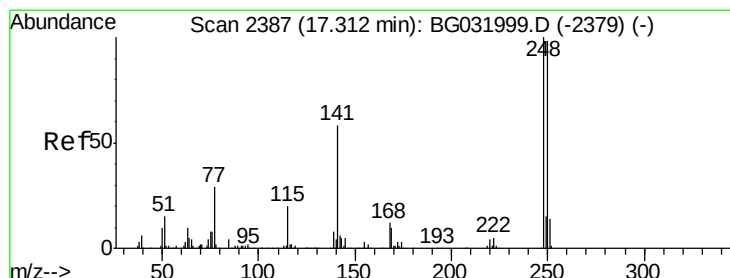
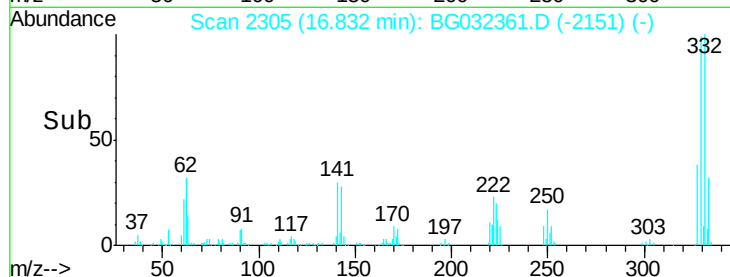
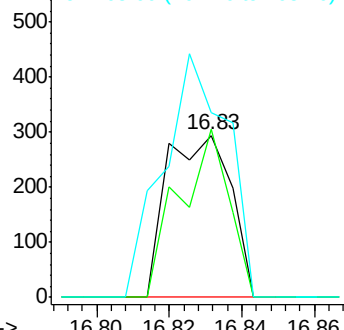
105 113.9 23.8 63.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.633 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.43 min

Lab File: BG032361.D

Acq: 27 Jan 2018 18:02

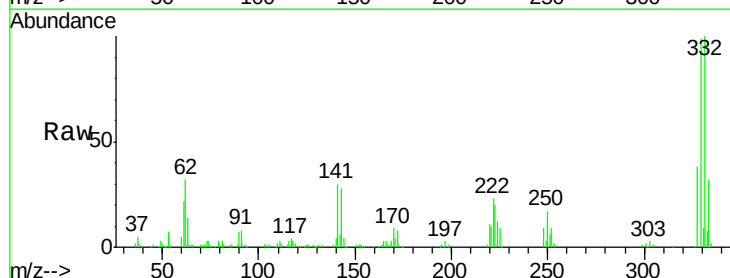
Tgt Ion:248 Resp: 12569

Ion Ratio Lower Upper

248 100

250 178.0 77.1 115.7#

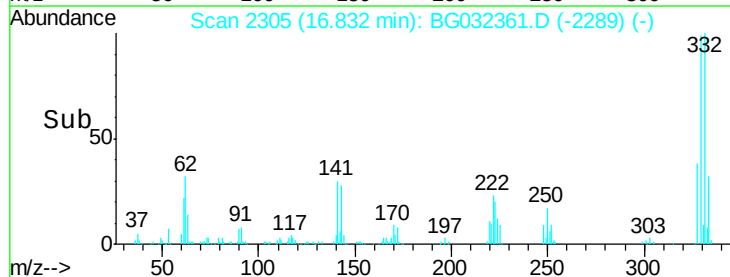
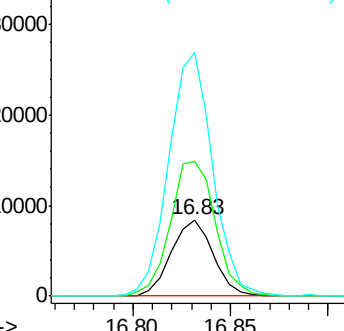
141 320.0 50.8 76.2#

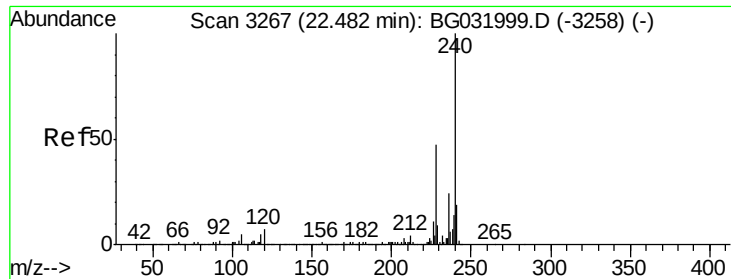


Abundance Ion 248.00 (247.70 to 248.70): E

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: 22.42 min Scan# 3256

Delta R.T. -0.01 min

Lab File: BG032361.D

Acq: 27 Jan 2018 18:02

Instrument :

BNA_G

ClientSampleId :

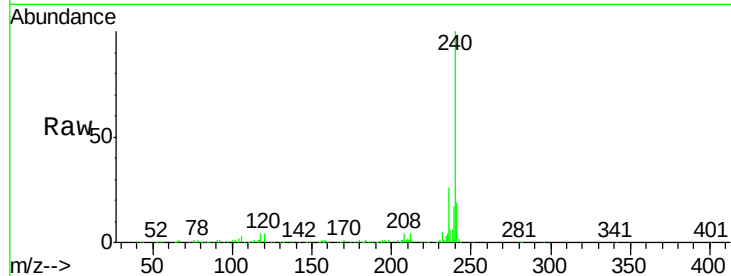
Tot Ion:240 Resp: 323303

Ion Ratio Lower Upper

240 100

120 4.5 6.8 10.2#

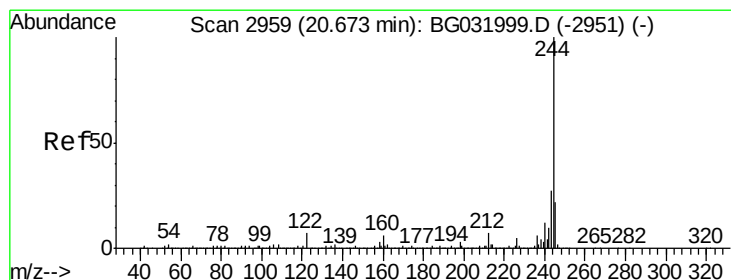
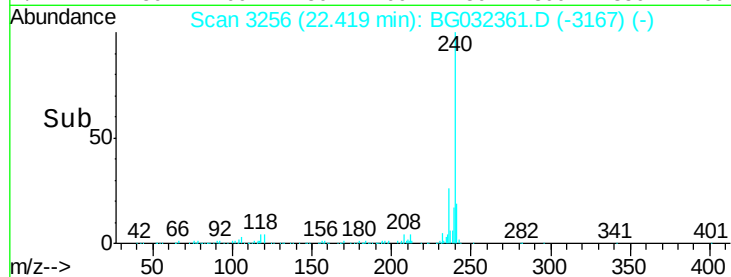
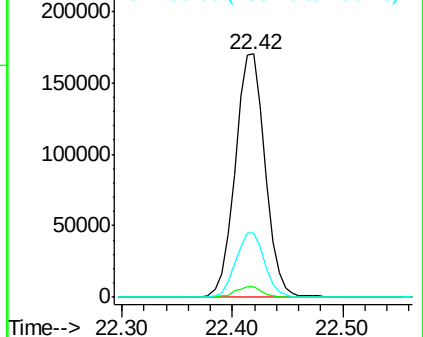
236 26.4 20.9 31.3



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: 65.544 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.01 min

Lab File: BG032361.D

Acq: 27 Jan 2018 18:02

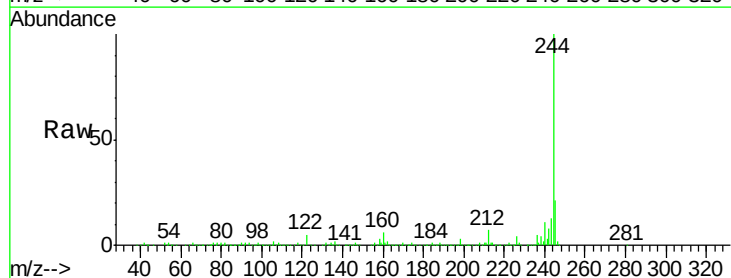
Tgt Ion:244 Resp: 959698

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

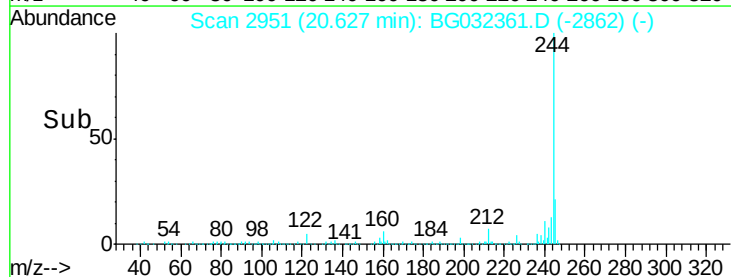
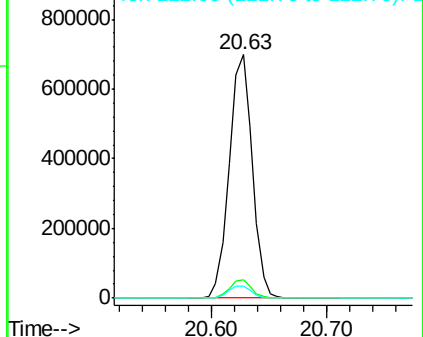
122 5.0 7.0 10.4#

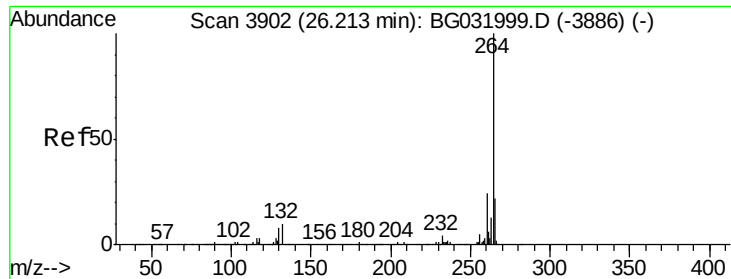


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

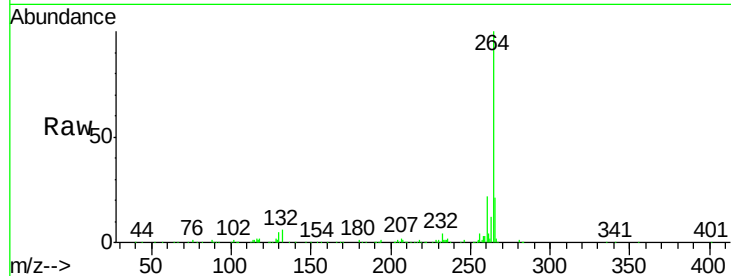




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.10 min Scan# 3882
Delta R.T. -0.01 min
Lab File: BG032361.D
Acq: 27 Jan 2018 18:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.4	26.0
265	21.0	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

