

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021518\
 Data File : BG032730.D
 Acq On : 16 Feb 2018 1:27
 Operator : SJ/JU
 Sample : PB106582BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 16 03:09:55 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

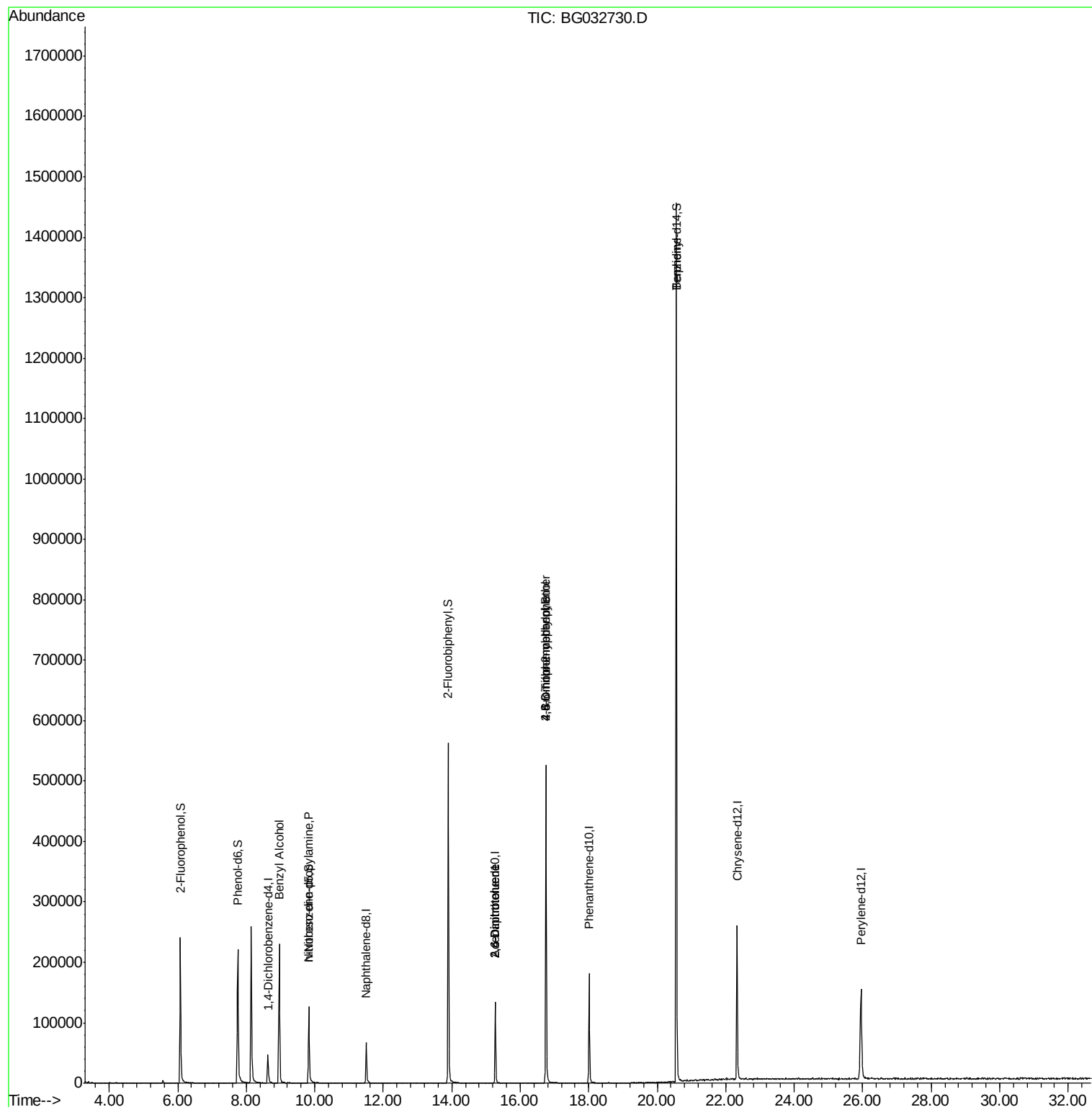
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.63	152	19910	20.00	ng	-0.05
21) Naphthalene-d8	11.50	136	74587	20.00	ng	-0.05
38) Acenaphthene-d10	15.27	164	52056	20.00	ng	-0.04
63) Phenanthrene-d10	18.01	188	143601	20.00	ng	-0.04
75) Chrysene-d12	22.33	240	198811	20.00	ng	-0.04
86) Perylene-d12	25.95	264	216395	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.07	112	130601	131.61	ng	-0.04
7) Phenol-d6	7.75	99	151040	111.31	ng	-0.04
23) Nitrobenzene-d5	9.82	82	92276	78.63	ng	-0.05
41) 2,4,6-Tribromophenol	16.75	330	140555	175.35	ng	-0.04
44) 2-Fluorobiphenyl	13.90	172	349726	84.01	ng	-0.04
78) Terphenyl-d14	20.56	244	828437	94.97	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	8.96	79	2145	2.11	ng	# 51
19) n-Nitroso-di-n-propylamine	9.83	70	12303	13.49	ng	# 86
50) 2,6-Dinitrotoluene	15.27	165	6747	7.28	ng	# 18
56) 2,4-Dinitrotoluene	15.27	165	6747	5.28	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.74	198	75	5.09	ng	# 1
66) 4-Bromophenyl-phenylether	16.75	248	10731	5.22	ng	# 1
76) Benzidine	20.56	184	11175	2.39	ng	95

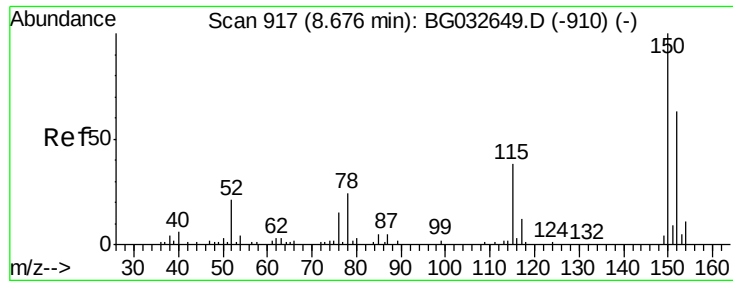
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



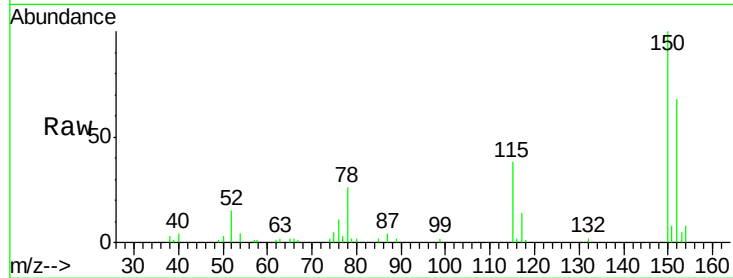


#1

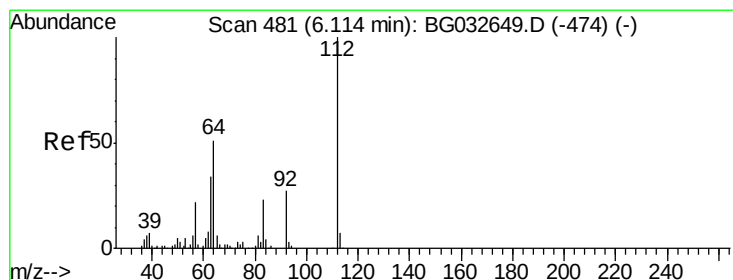
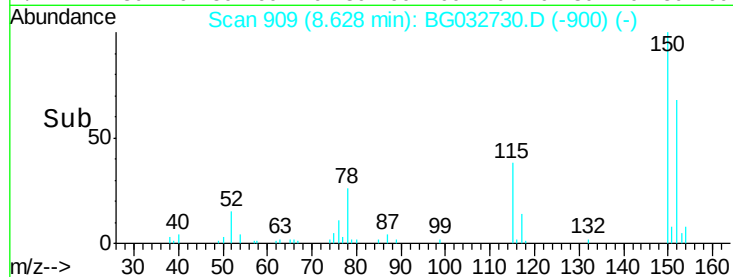
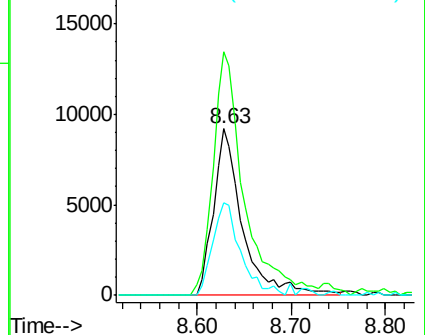
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.63 min Scan# 909
Delta R.T. -0.05 min
Lab File: BG032730.D
Acq: 16 Feb 2018 1:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 19910
Ion Ratio Lower Upper
152 100
150 146.5 126.6 189.8
115 55.9 53.0 79.4



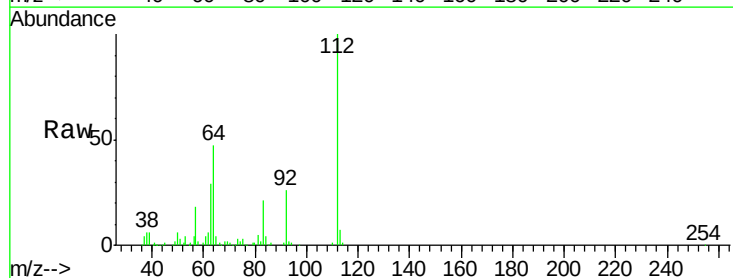
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



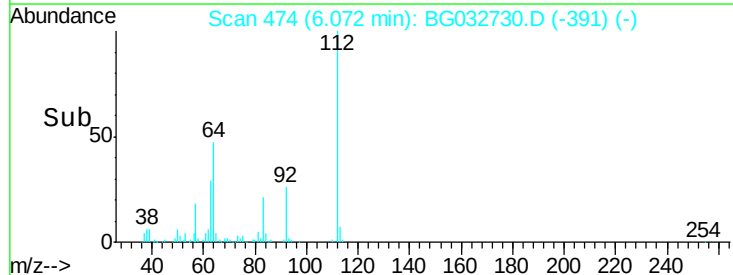
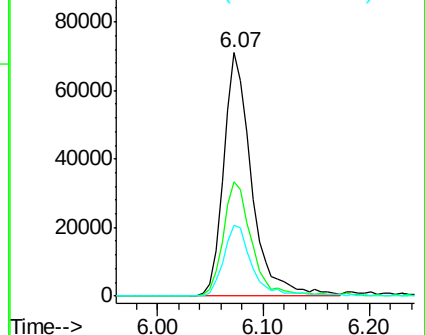
#5

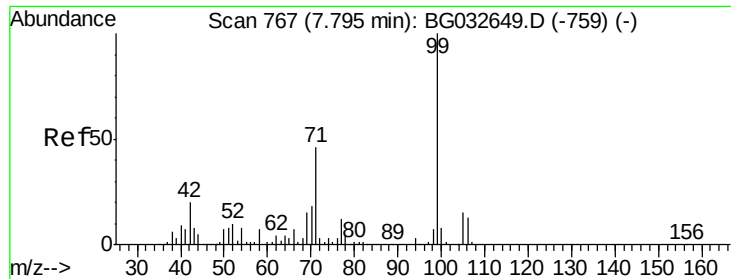
2-Fluorophenol
Concen: 131.61 ng
RT: 6.07 min Scan# 474
Delta R.T. -0.04 min
Lab File: BG032730.D
Acq: 16 Feb 2018 1:27

Tgt Ion:112 Resp: 130601
Ion Ratio Lower Upper
112 100
64 46.8 56.3 84.5#
63 29.0 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 111.31 ng

RT: 7.75 min Scan# 760

Delta R.T. -0.04 min

Lab File: BG032730.D

Acq: 16 Feb 2018 1:27

Instrument :

BNA_G

ClientSampled :

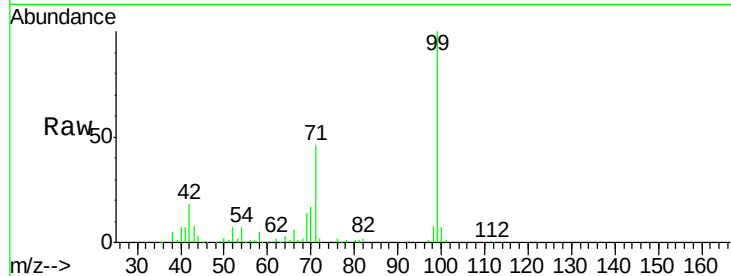
Tot Ion: 99 Resp: 151040

Ion Ratio Lower Upper

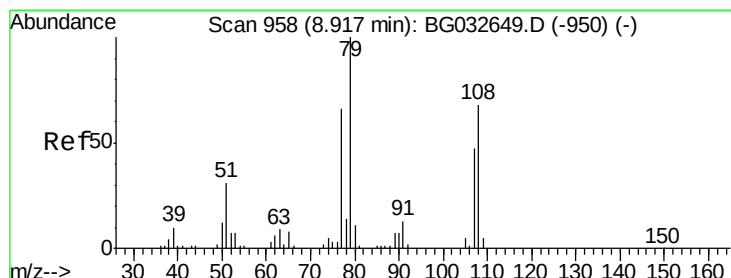
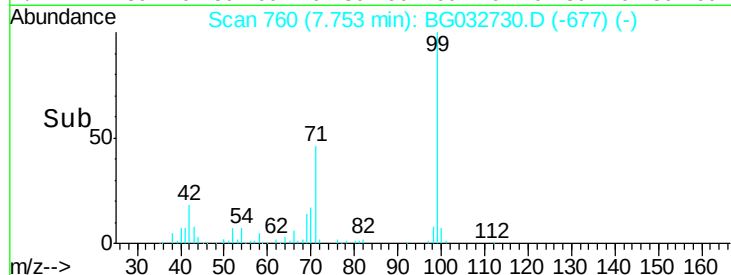
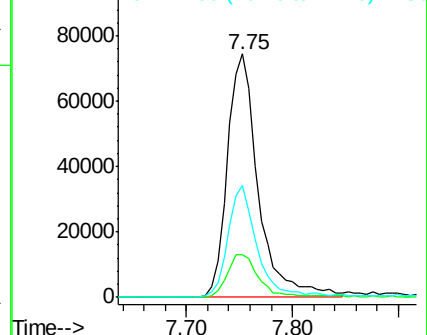
99 100

42 17.7 14.1 21.1

71 45.7 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



#15

Benzyl Alcohol

Concen: 2.11 ng

RT: 8.96 min Scan# 965

Delta R.T. 0.04 min

Lab File: BG032730.D

Acq: 16 Feb 2018 1:27

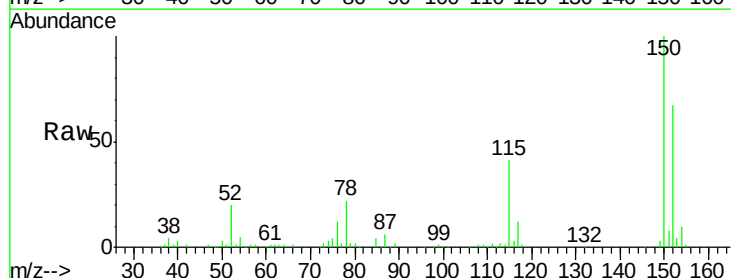
Tgt Ion: 79 Resp: 2145

Ion Ratio Lower Upper

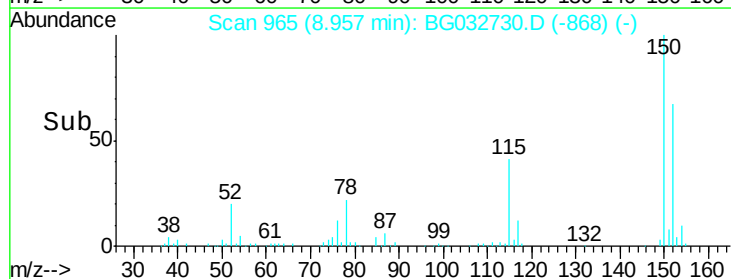
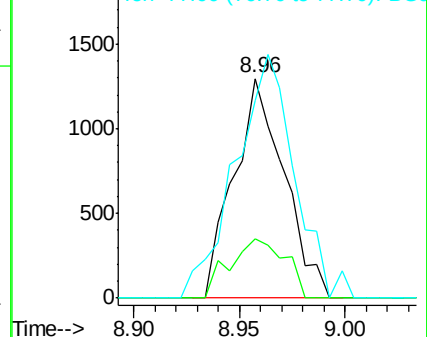
79 100

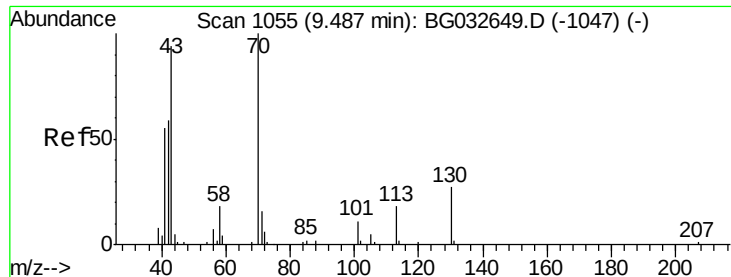
108 27.0 57.2 85.8#

77 90.1 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

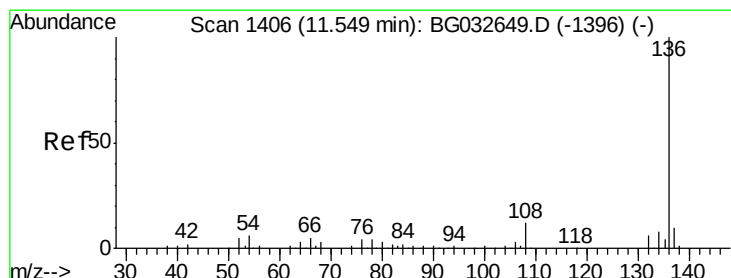
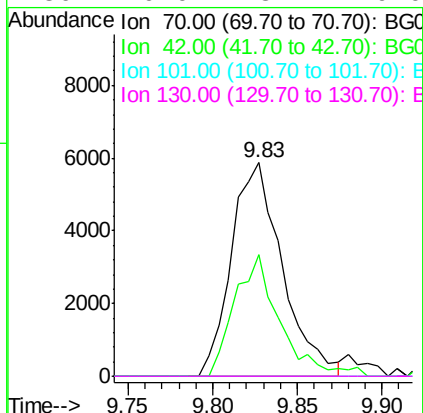
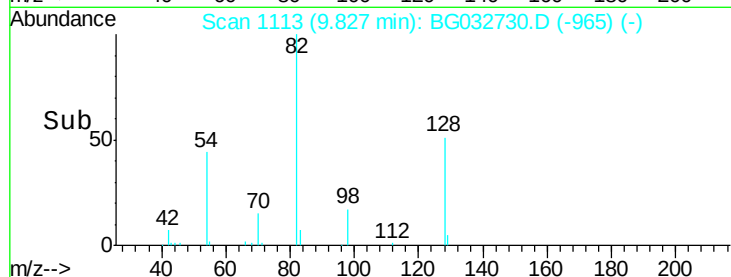
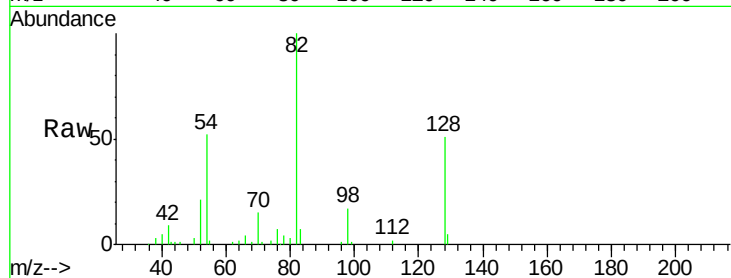




#19
n-Nitroso-di-n-propylamine
Concen: 13.49 ng
RT: 9.83 min Scan# 1113
Delta R.T. 0.34 min
Lab File: BG032730.D
Acq: 16 Feb 2018 1:27

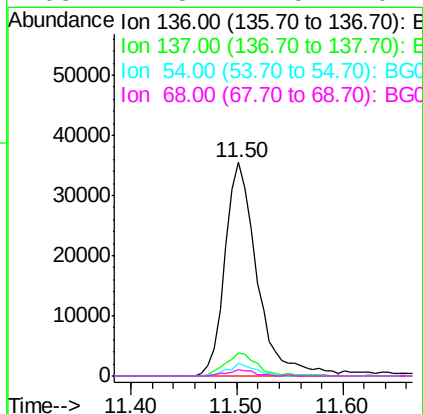
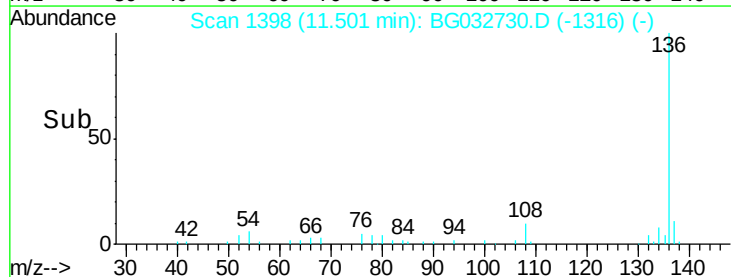
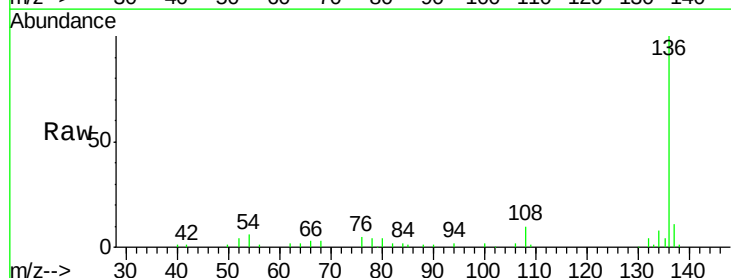
Instrument :
BNA_G
ClientSampleId :

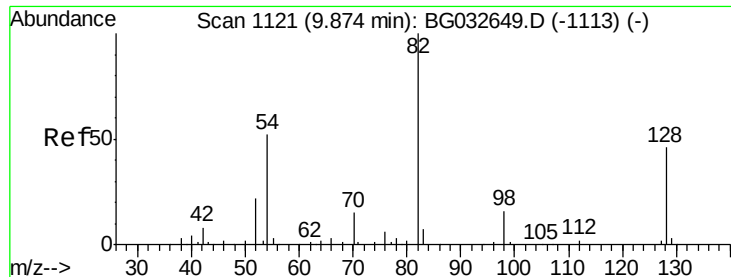
Tot Ion: 70 Resp: 12303
Ion Ratio Lower Upper
70 100
42 57.2 49.1 73.7
101 0.0 8.5 12.7#
130 0.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.50 min Scan# 1398
Delta R.T. -0.05 min
Lab File: BG032730.D
Acq: 16 Feb 2018 1:27

Tgt Ion: 136 Resp: 74587
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 6.2 10.3 15.5#
68 2.8 4.5 6.7#

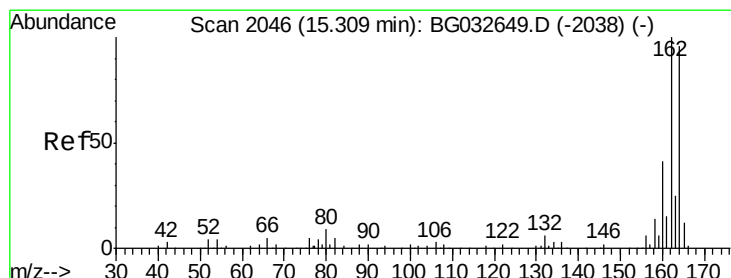
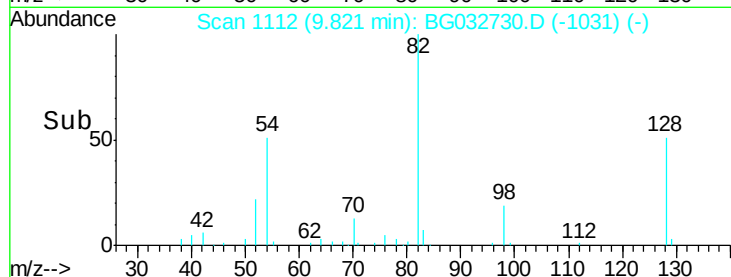
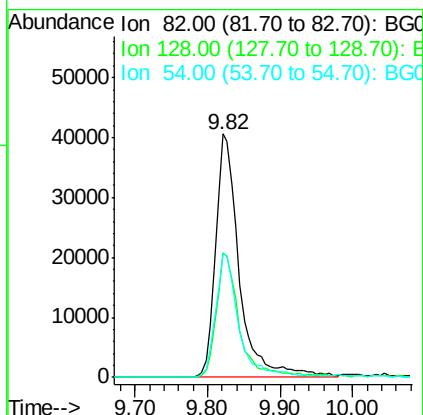
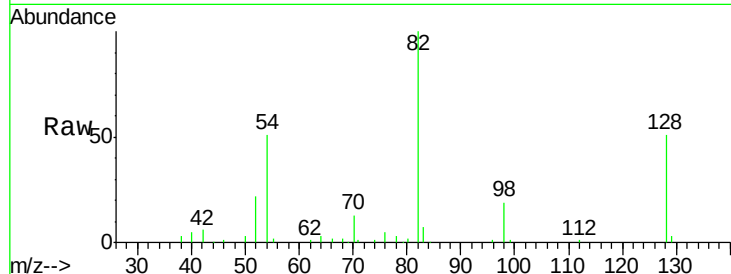




#23
 Nitrobenzene-d5
 Concen: 78.63 ng
 RT: 9.82 min Scan# 1112
 Delta R.T. -0.05 min
 Lab File: BG032730.D
 Acq: 16 Feb 2018 1:27

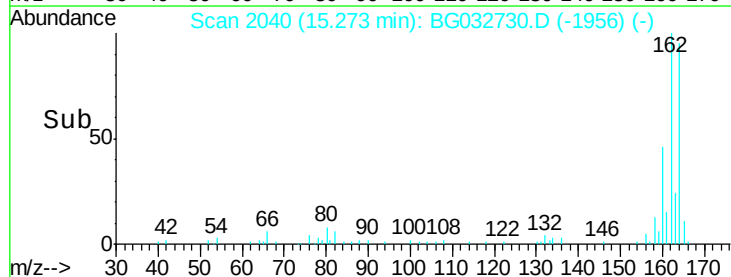
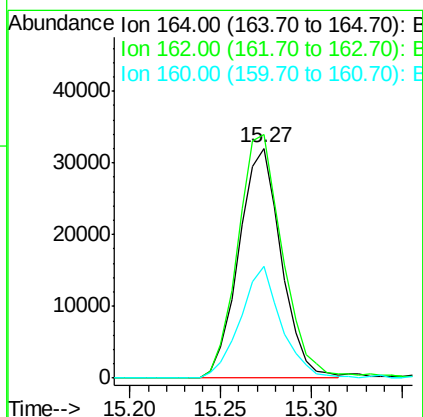
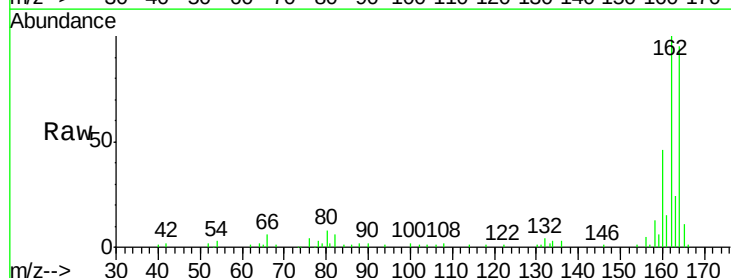
Instrument :
 BNA_G
 ClientSampled :

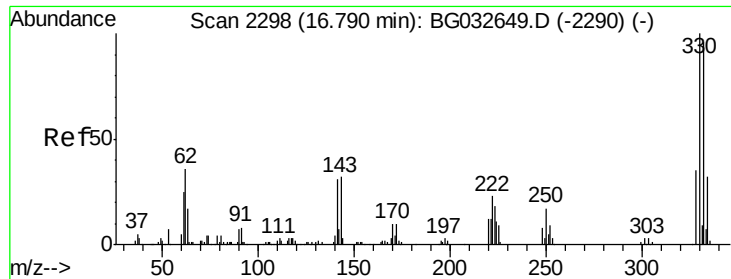
Tot Ion	82	Resp	92276
Ion Ratio	100	Lower	Upper
128	51.1	29.7	44.5#
54	50.7	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.27 min Scan# 2040
 Delta R.T. -0.04 min
 Lab File: BG032730.D
 Acq: 16 Feb 2018 1:27

Tgt Ion	164	Resp	52056
Ion Ratio	100	Lower	Upper
162	105.8	78.8	118.2
160	48.6	35.4	53.0

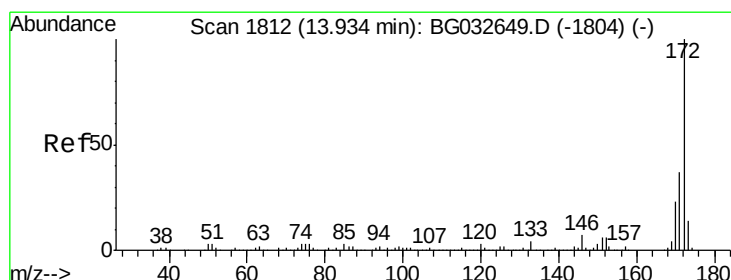
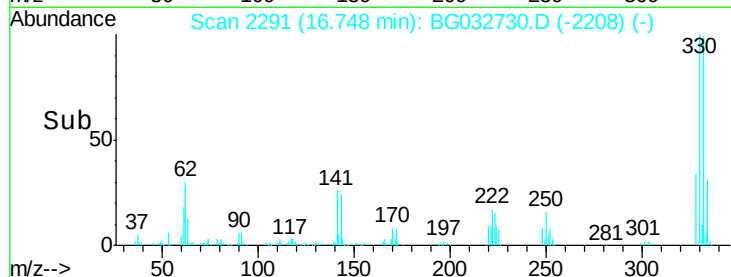
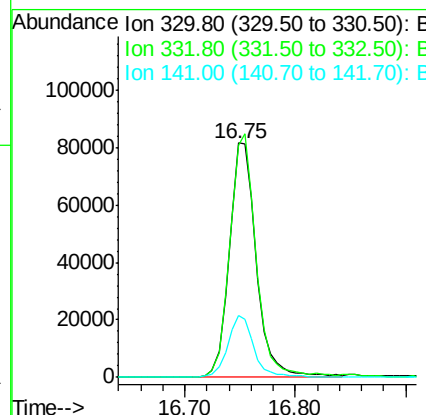
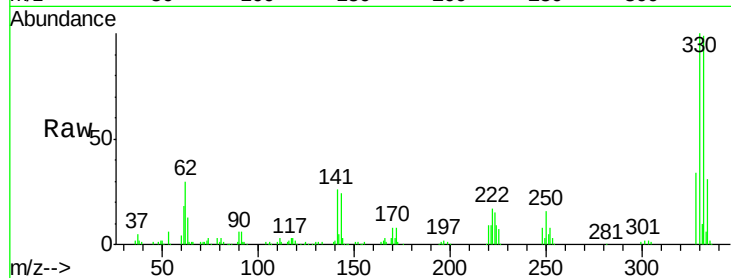




#41
 2,4,6-Tribromophenol
 Concen: 175.35 ng
 RT: 16.75 min Scan# 2291
 Delta R.T. -0.04 min
 Lab File: BG032730.D
 Acq: 16 Feb 2018 1:27

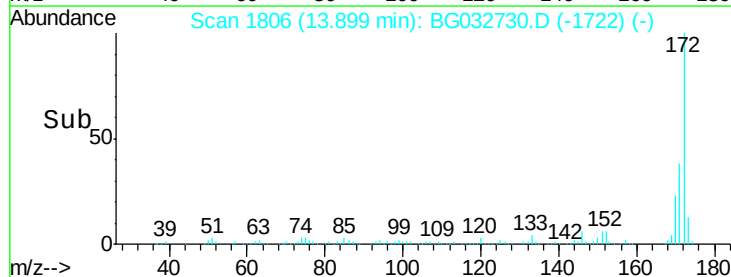
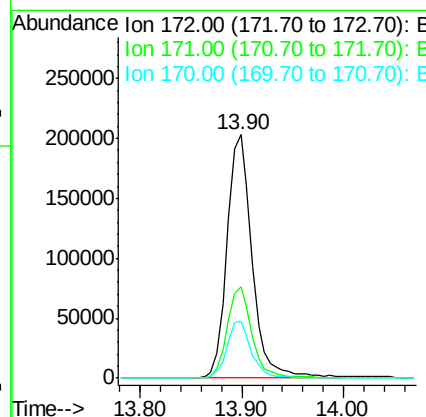
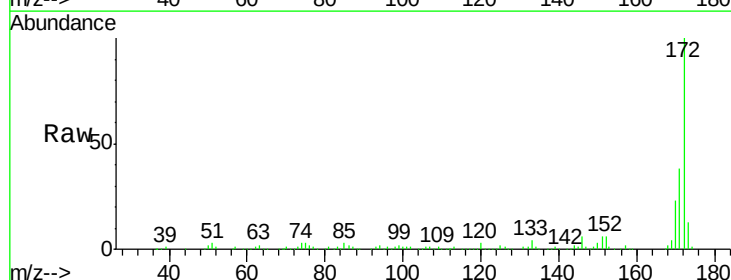
Instrument :
 BNA_G
 ClientSampleId :

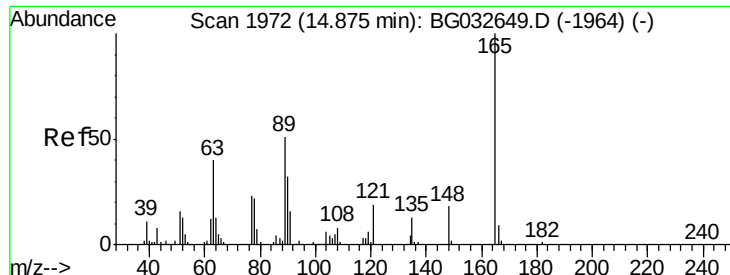
Tot Ion	Ratio	Lower	Upper
330	100		
332	101.3	77.0	115.6
141	25.2	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 84.01 ng
 RT: 13.90 min Scan# 1806
 Delta R.T. -0.04 min
 Lab File: BG032730.D
 Acq: 16 Feb 2018 1:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	23.3	19.5	29.3

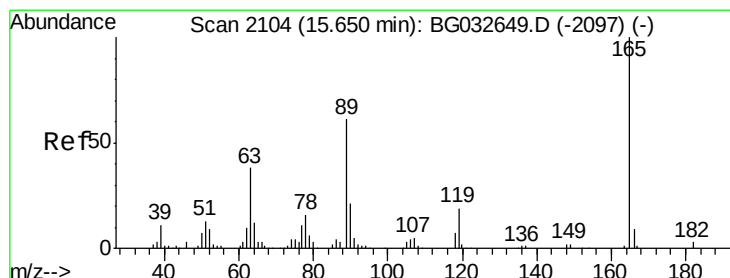
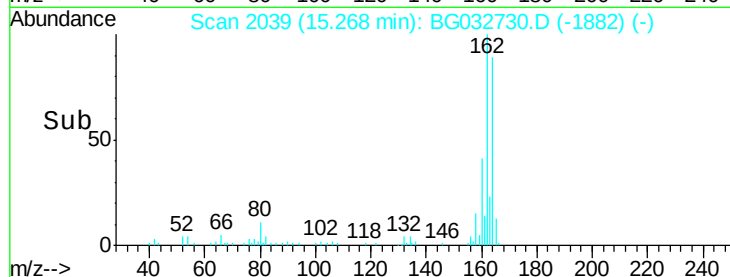
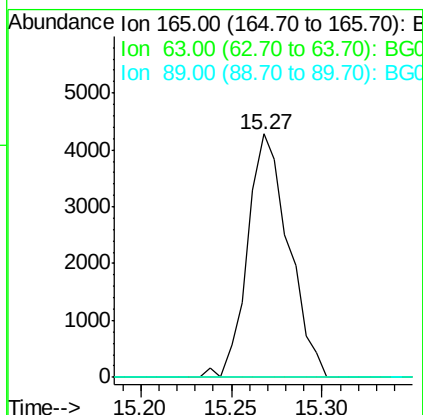
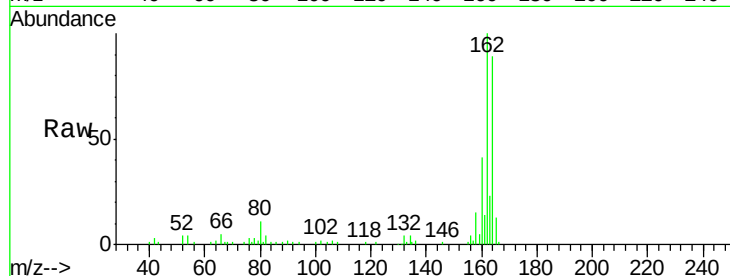




#50
 2,6-Dinitrotoluene
 Concen: 7.28 ng
 RT: 15.27 min Scan# 2039
 Delta R.T. 0.39 min
 Lab File: BG032730.D
 Acq: 16 Feb 2018 1:27

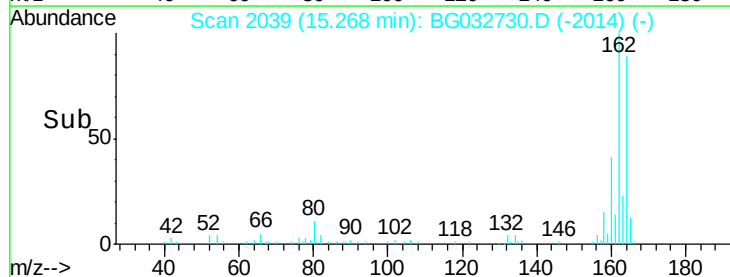
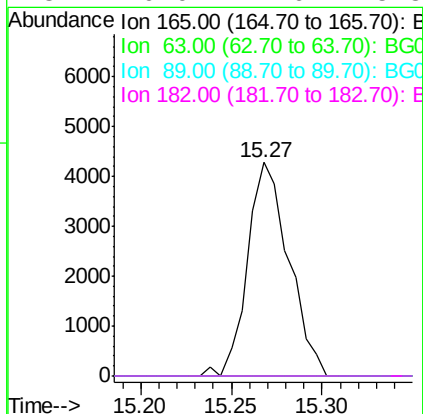
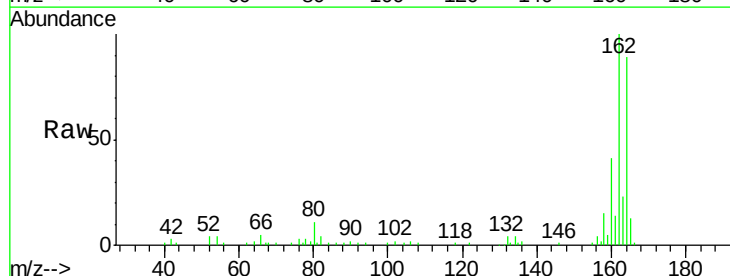
Instrument :
 BNA_G
 ClientSampled :

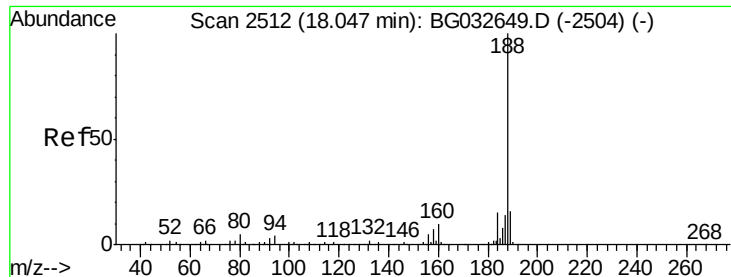
Tot Ion:165 Resp: 6747
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.28 ng
 RT: 15.27 min Scan# 2039
 Delta R.T. -0.38 min
 Lab File: BG032730.D
 Acq: 16 Feb 2018 1:27

Tgt Ion:165 Resp: 6747
 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#

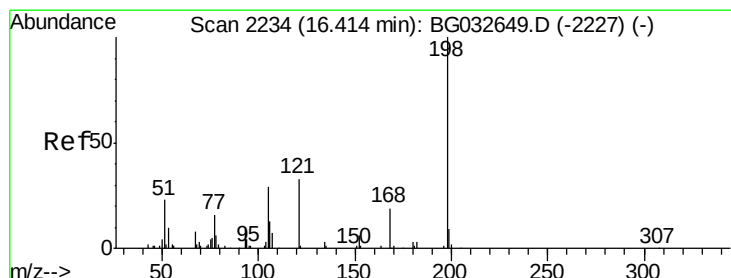
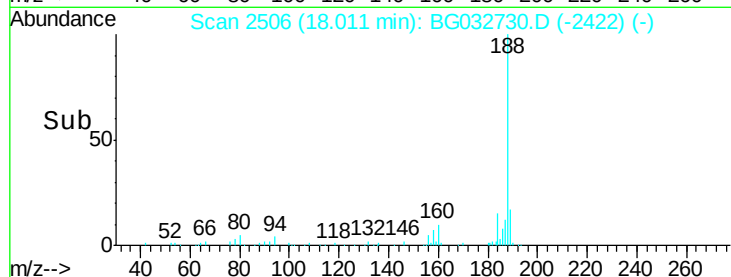
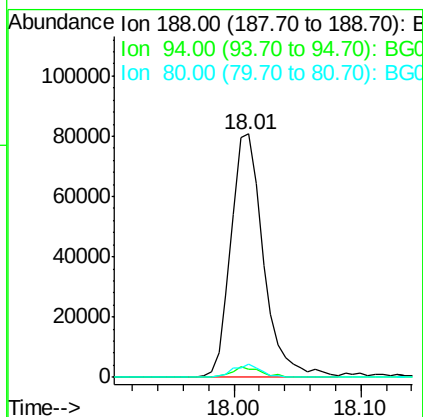
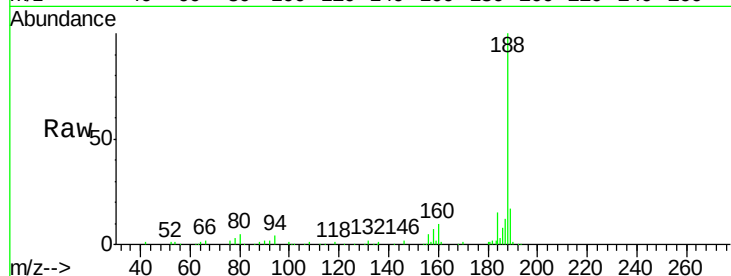




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.01 min Scan# 2506
Delta R.T. -0.04 min
Lab File: BG032730.D
Acq: 16 Feb 2018 1:27

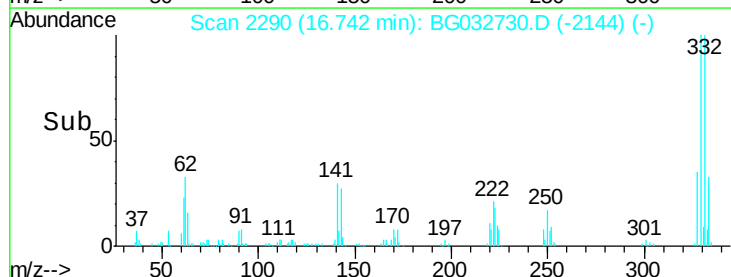
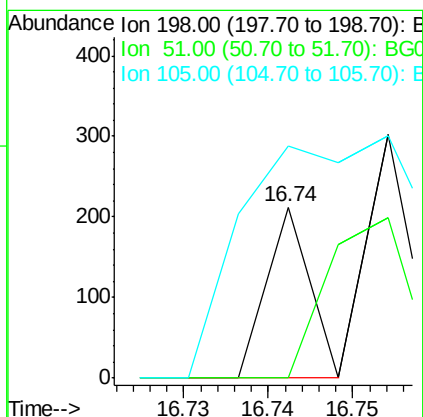
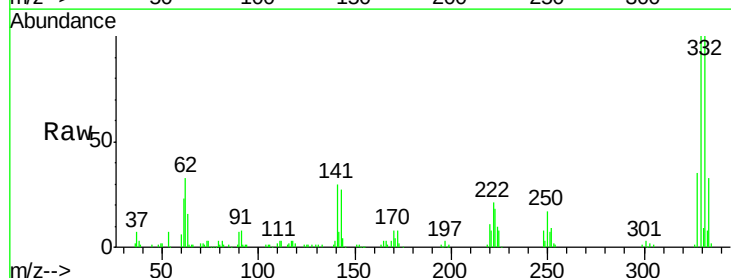
Instrument :
BNA_G
ClientSampleId :

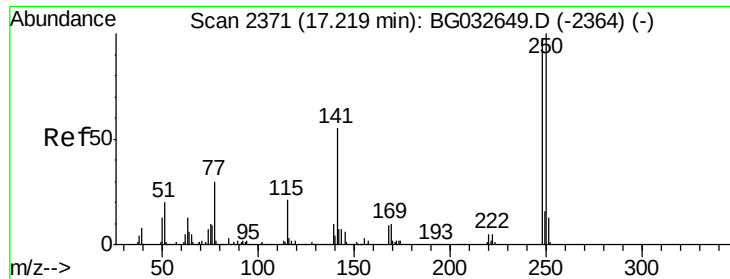
Tot Ion:188 Resp: 143601
Ion Ratio Lower Upper
188 100
94 3.6 6.9 10.3#
80 5.3 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 5.09 ng
RT: 16.74 min Scan# 2290
Delta R.T. 0.33 min
Lab File: BG032730.D
Acq: 16 Feb 2018 1:27

Tgt Ion:198 Resp: 75
Ion Ratio Lower Upper
198 100
51 0.0 30.6 70.6#
105 135.8 23.8 63.8#

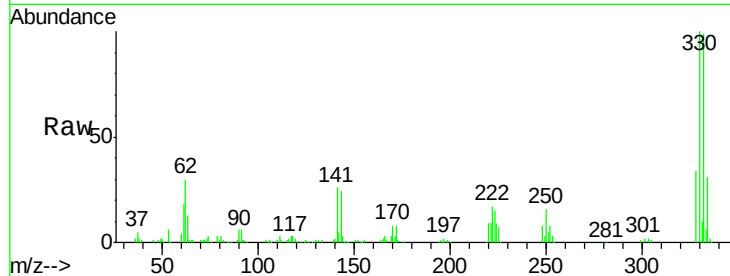




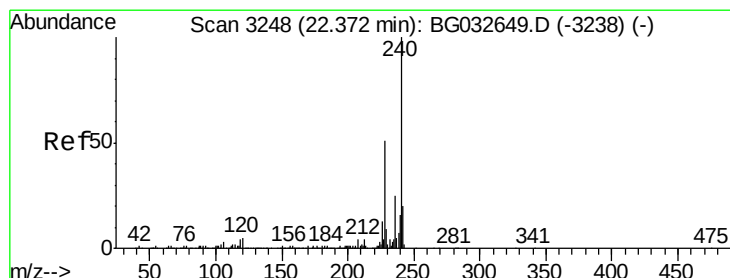
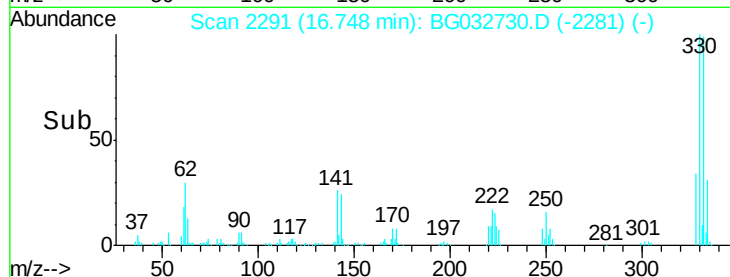
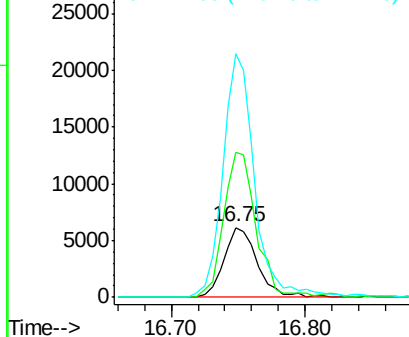
#66
 4-Bromophenyl-phenylether
 Concen: 5.22 ng
 RT: 16.75 min Scan# 2291
 Delta R.T. -0.47 min
 Lab File: BG032730.D
 Acq: 16 Feb 2018 1:27

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	208.4	77.1	115.7#
141	348.9	50.8	76.2#

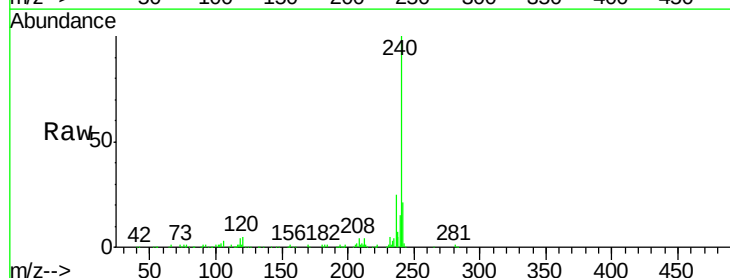


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

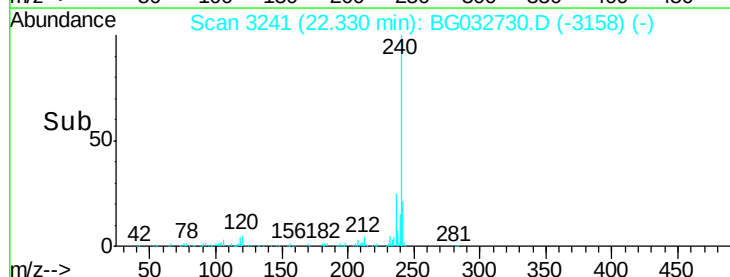
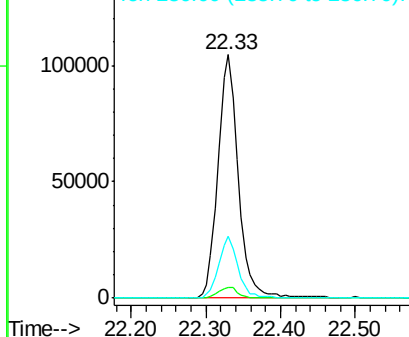


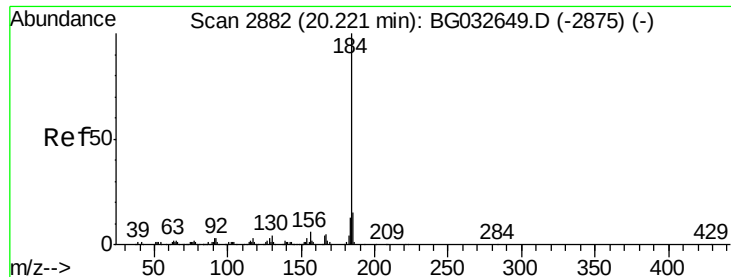
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 22.33 min Scan# 3241
 Delta R.T. -0.04 min
 Lab File: BG032730.D
 Acq: 16 Feb 2018 1:27

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.6	6.8	10.2#
236	25.2	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





#76

Benzidine

Concen: 2.39 ng

RT: 20.56 min Scan# 2939

Delta R.T. 0.33 min

Lab File: BG032730.D

Acq: 16 Feb 2018 1:27

Instrument :

BNA_G

ClientSampled :

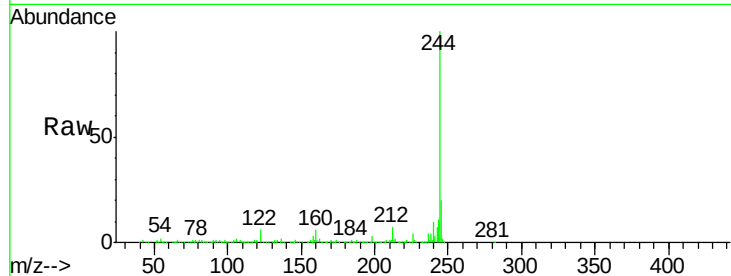
Tot Ion:184 Resp: 11175

Ion Ratio Lower Upper

184 100

185 15.9 11.1 16.7

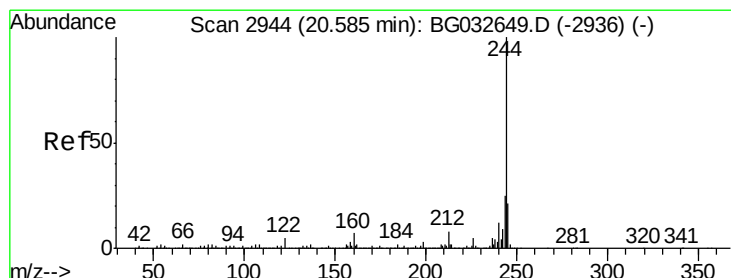
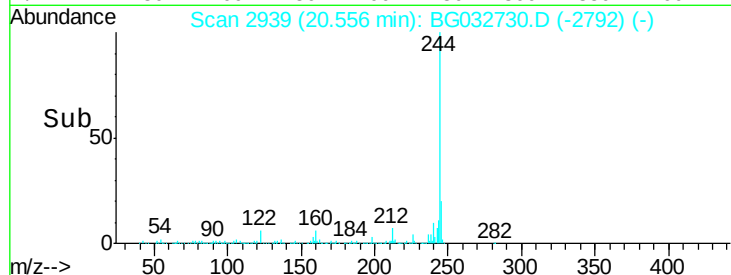
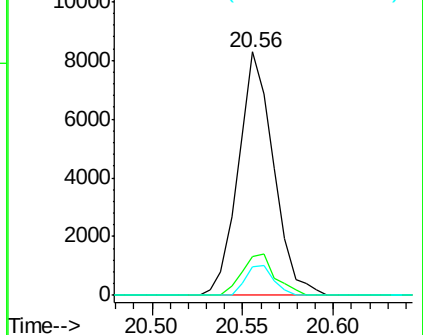
183 11.6 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 94.97 ng

RT: 20.56 min Scan# 2939

Delta R.T. -0.03 min

Lab File: BG032730.D

Acq: 16 Feb 2018 1:27

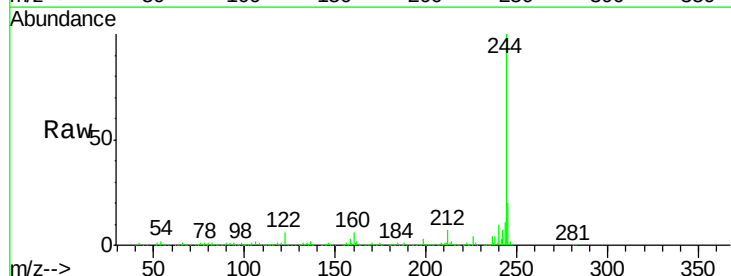
Tgt Ion:244 Resp: 828437

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

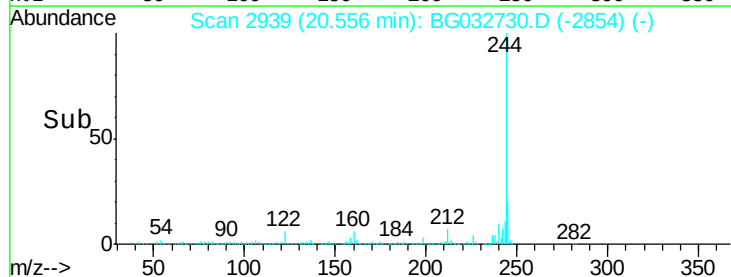
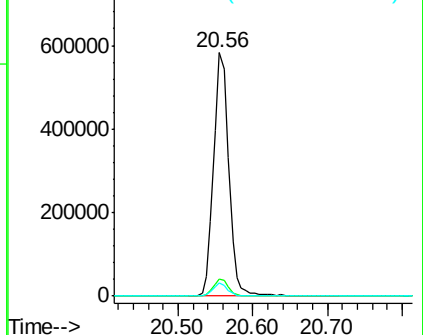
122 5.6 7.0 10.4#

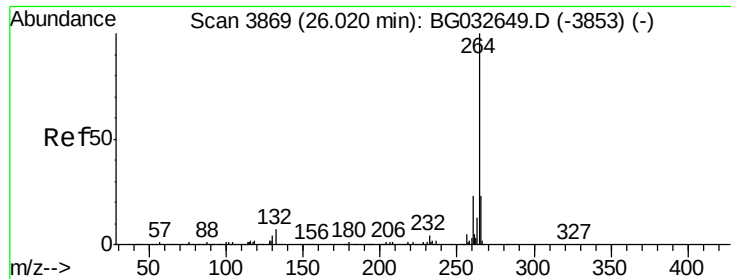


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

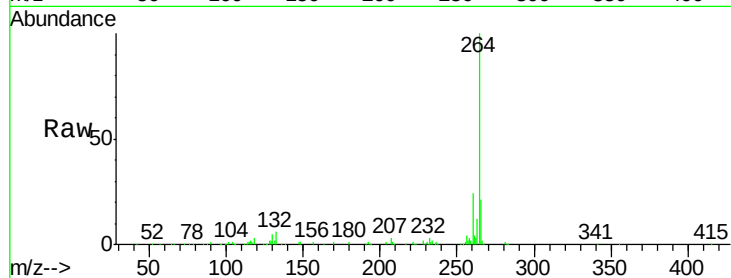




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.95 min Scan# 3857
Delta R.T. -0.07 min
Lab File: BG032730.D
Acq: 16 Feb 2018 1:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
216395	264	100		
	260	24.4	17.4	26.0
	265	20.5	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

