

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020818\
 Data File : BG032618.D
 Acq On : 8 Feb 2018 19:57
 Operator : SJ/JU
 Sample : J1473-20
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 09 02:36:33 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

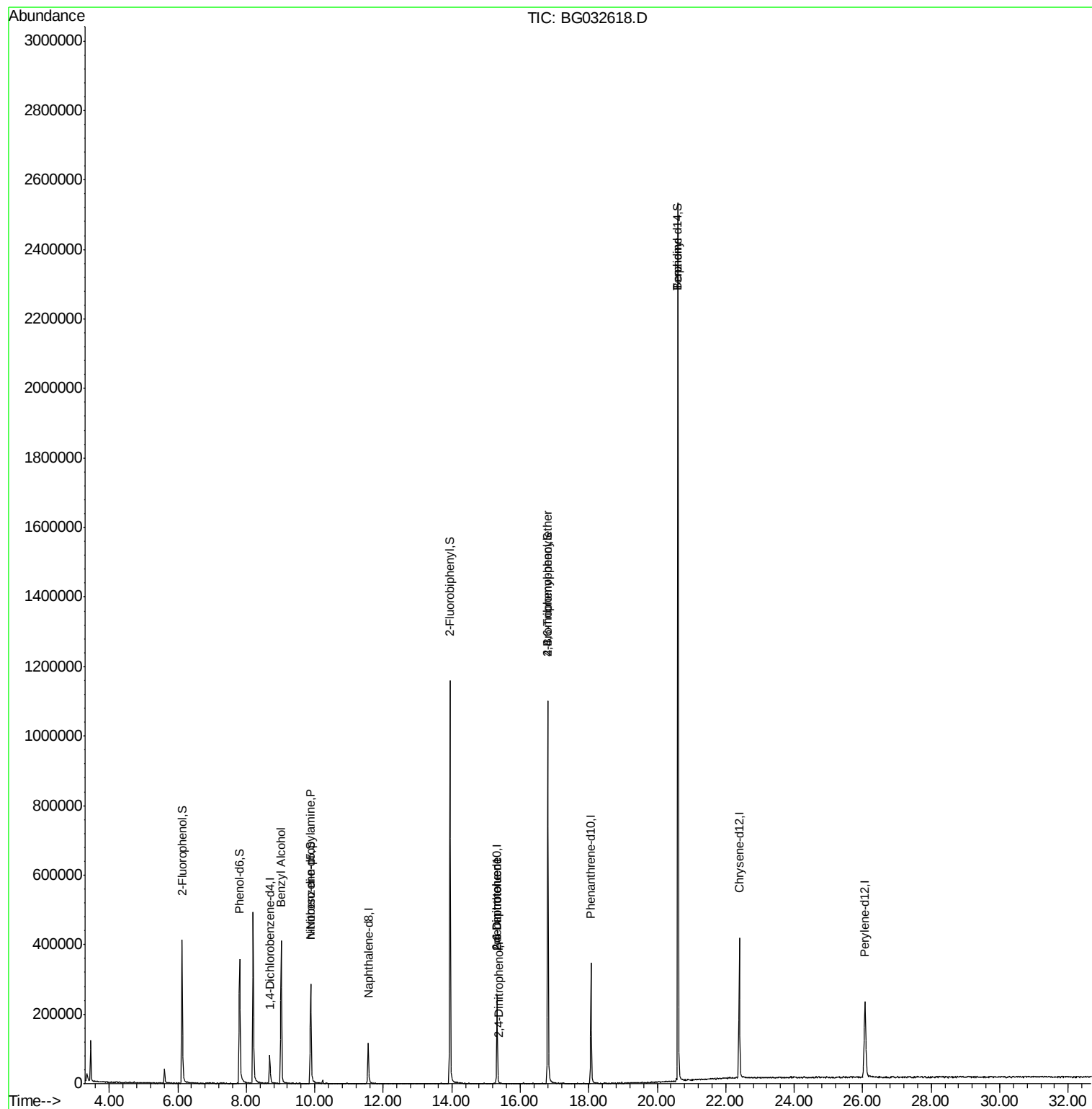
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.69	152	31276	20.00	ng	-0.02
21) Naphthalene-d8	11.56	136	121690	20.00	ng	-0.02
38) Acenaphthene-d10	15.32	164	98915	20.00	ng	-0.02
63) Phenanthrene-d10	18.06	188	276695	20.00	ng	-0.02
75) Chrysene-d12	22.39	240	318047	20.00	ng	-0.01
86) Perylene-d12	26.06	264	328117	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.12	112	218166	140.11	ng	-0.02
7) Phenol-d6	7.81	99	245922	118.35	ng	-0.02
23) Nitrobenzene-d5	9.88	82	200681	103.00	ng	-0.03
41) 2,4,6-Tribromophenol	16.81	330	251971	133.82	ng	-0.01
44) 2-Fluorobiphenyl	13.95	172	728556	87.54	ng	-0.02
78) Terphenyl-d14	20.60	244	1402370	94.45	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	9.03	79	3646	2.13	ng	# 54
19) n-Nitroso-di-n-propylamine	9.88	70	29038	21.08	ng	# 77
50) 2,6-Dinitrotoluene	15.32	165	13091	6.84	ng	# 22
53) 2,4-Dinitrophenol	15.37	184	56	4.15	ng	# 1
56) 2,4-Dinitrotoluene	15.32	165	13091	4.80	ng	# 20
66) 4-Bromophenyl-phenylether	16.80	248	21604	5.27	ng	# 1
76) Benzidine	20.60	184	20916	3.35	ng	# 92

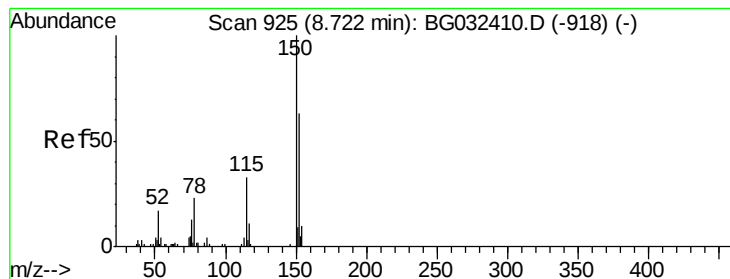
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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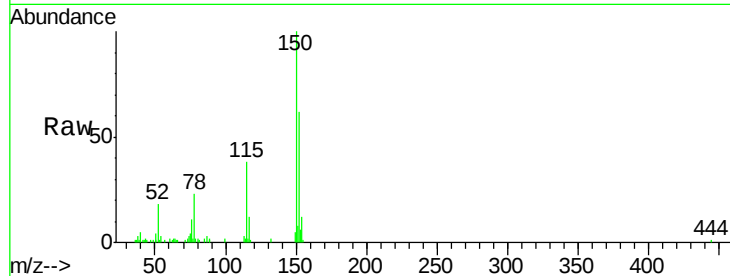


#1

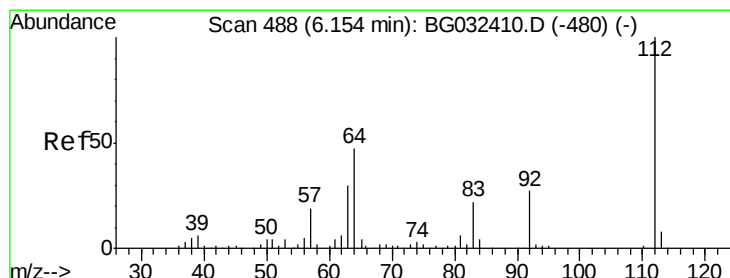
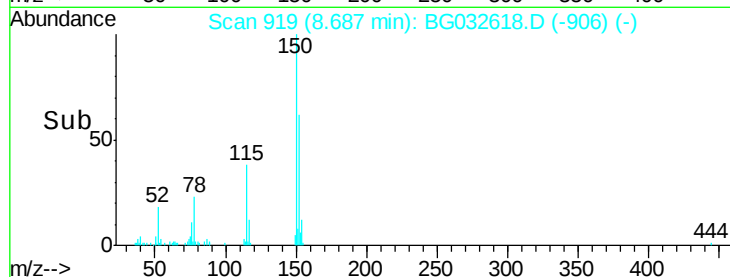
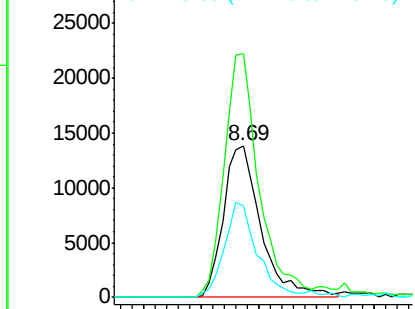
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.69 min Scan# 919
Delta R.T. -0.02 min
Lab File: BG032618.D
Acq: 8 Feb 2018 19:57

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 31276
Ion Ratio Lower Upper
152 100
150 160.4 126.6 189.8
115 60.4 53.0 79.4



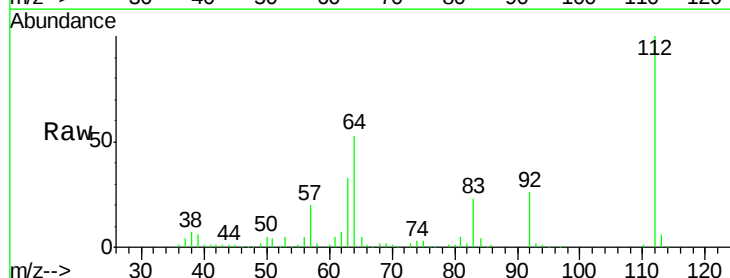
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



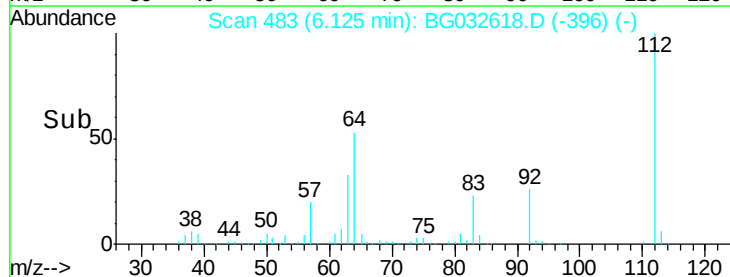
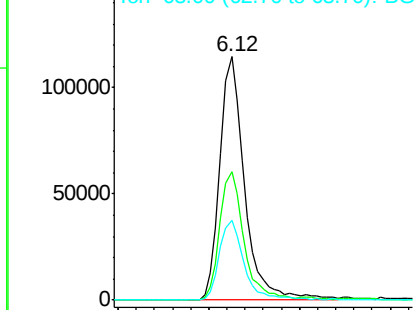
#5

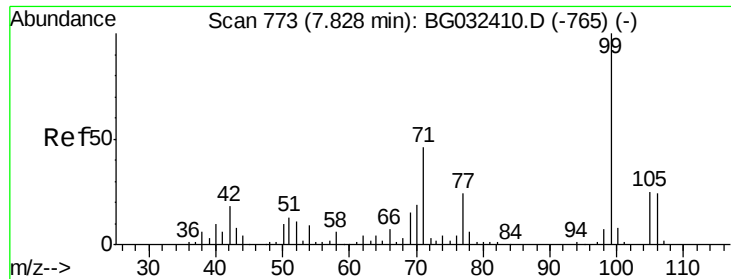
2-Fluorophenol
Concen: 140.11 ng
RT: 6.12 min Scan# 483
Delta R.T. -0.02 min
Lab File: BG032618.D
Acq: 8 Feb 2018 19:57

Tgt Ion:112 Resp: 218166
Ion Ratio Lower Upper
112 100
64 52.7 56.3 84.5#
63 32.9 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: 118.35 ng

RT: 7.81 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG032618.D

Acq: 8 Feb 2018 19:57

Instrument :

BNA_G

ClientSampleId :

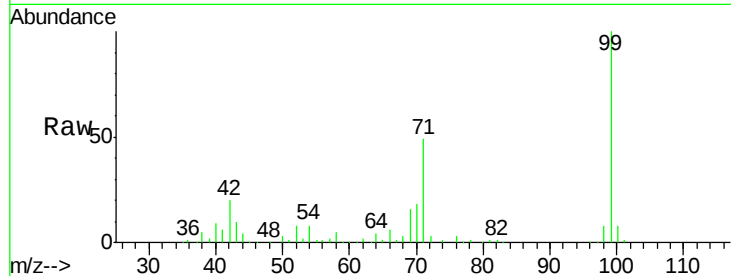
Tot Ion: 99 Resp: 245922

Ion Ratio Lower Upper

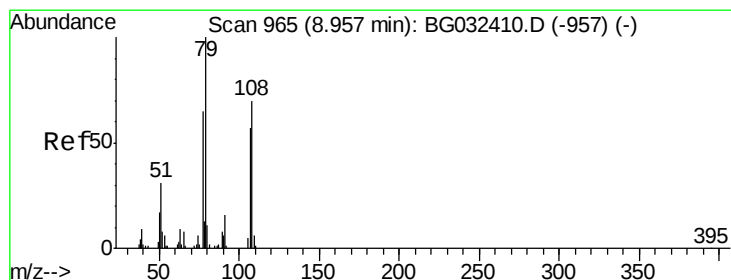
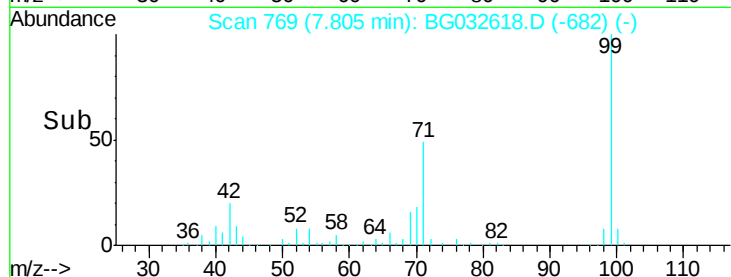
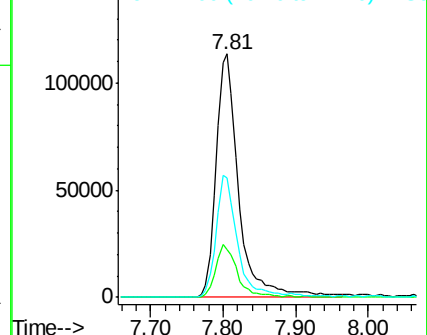
99 100

42 19.8 14.1 21.1

71 48.9 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: 2.13 ng

RT: 9.03 min Scan# 977

Delta R.T. 0.08 min

Lab File: BG032618.D

Acq: 8 Feb 2018 19:57

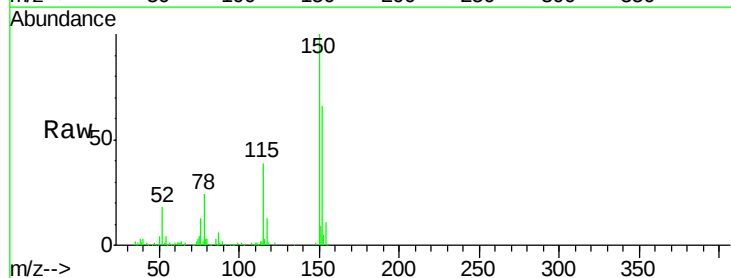
Tgt Ion: 79 Resp: 3646

Ion Ratio Lower Upper

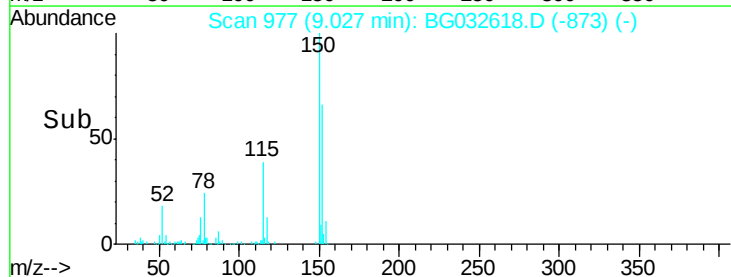
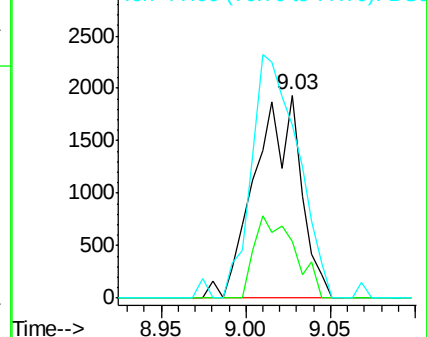
79 100

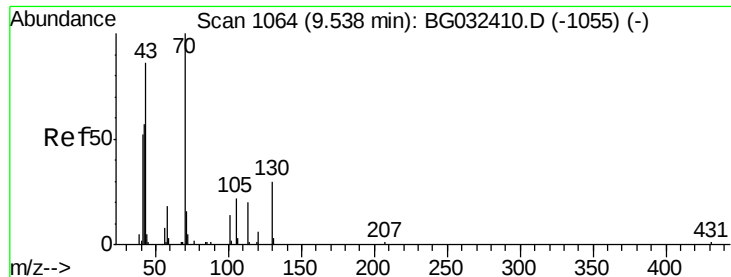
108 27.8 57.2 85.8#

77 85.8 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

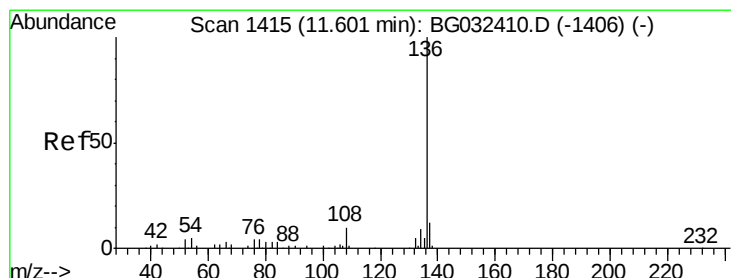
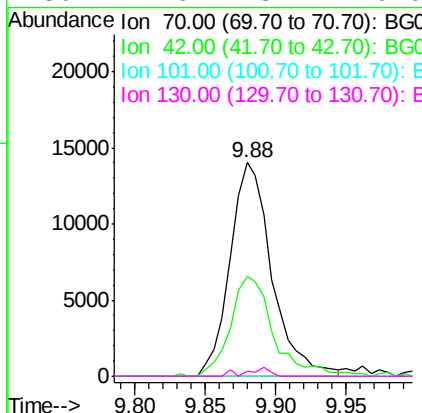
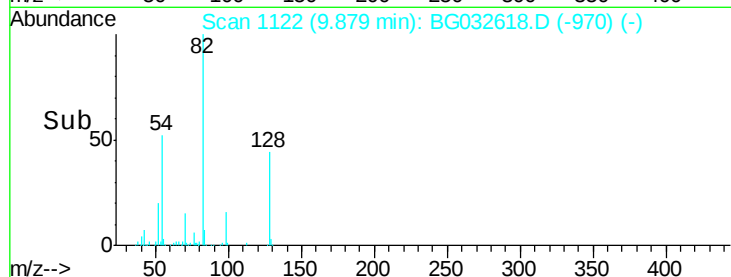
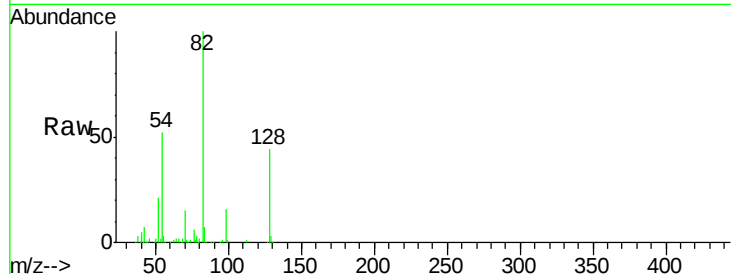




#19
n-Nitroso-di-n-propylamine
Concen: 21.08 ng
RT: 9.88 min Scan# 1122
Delta R.T. 0.36 min
Lab File: BG032618.D
Acq: 8 Feb 2018 19:57

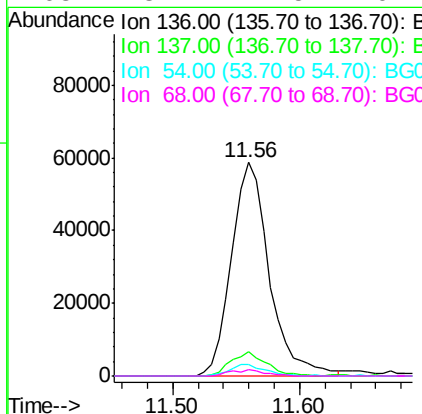
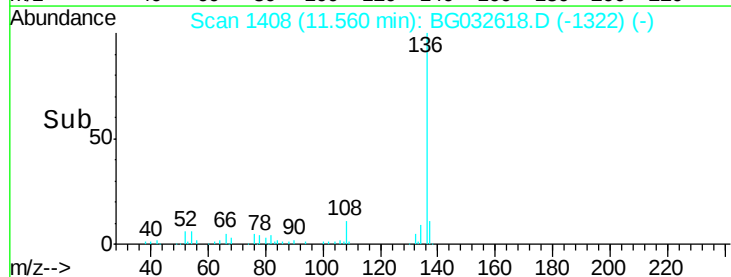
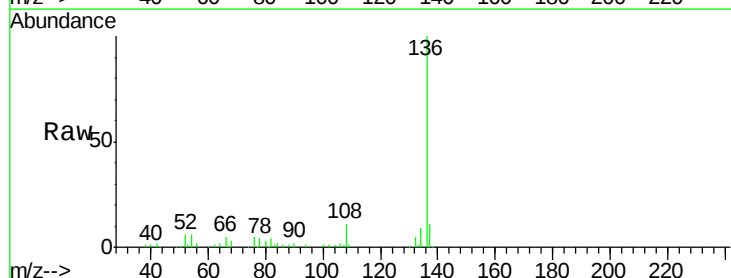
Instrument :
BNA_G
ClientSampleId :

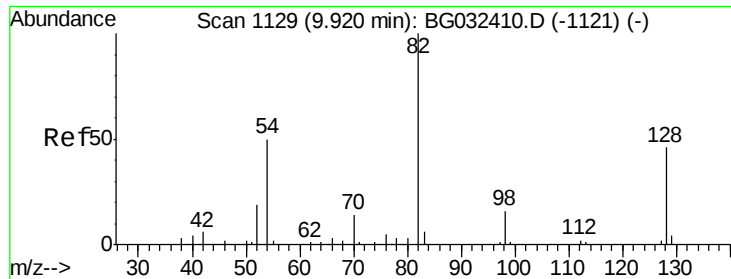
Tot Ion: 70 Resp: 29038
Ion Ratio Lower Upper
70 100
42 47.0 49.1 73.7#
101 0.0 8.5 12.7#
130 2.6 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.56 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BG032618.D
Acq: 8 Feb 2018 19:57

Tgt Ion: 136 Resp: 121690
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 5.7 10.3 15.5#
68 3.2 4.5 6.7#

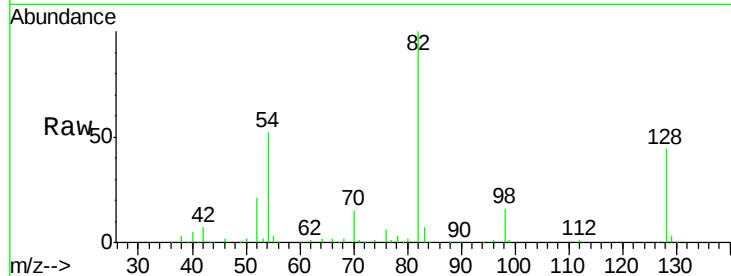




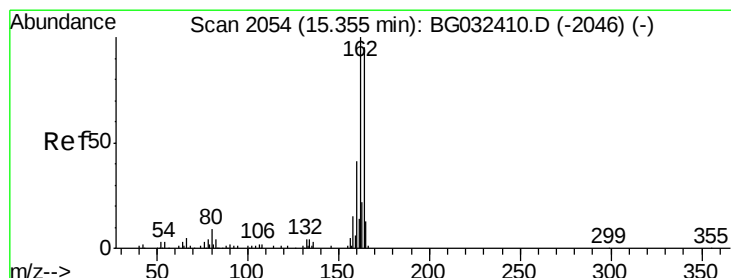
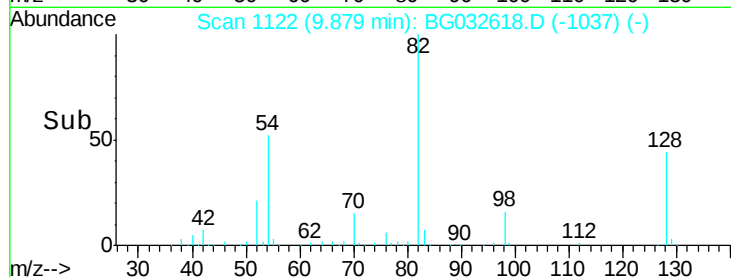
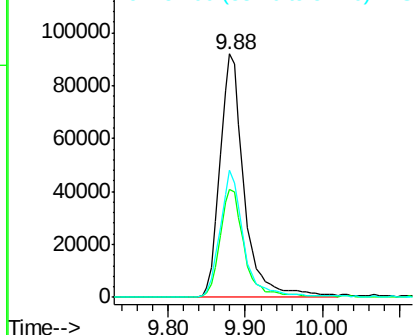
#23
 Nitrobenzene-d5
 Concen: 103.00 ng
 RT: 9.88 min Scan# 1122
 Delta R.T. -0.03 min
 Lab File: BG032618.D
 Acq: 8 Feb 2018 19:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	200681
Ion Ratio	100	Lower	Upper
128	44.3	29.7	44.5
54	52.5	43.1	64.7

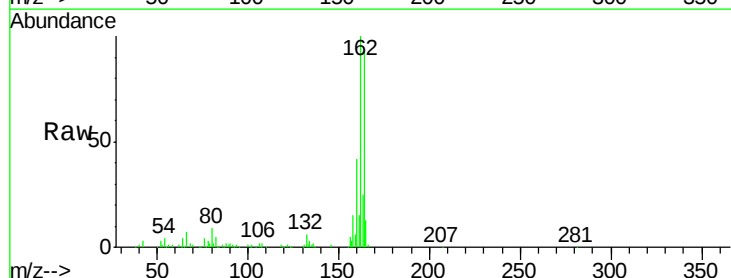


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

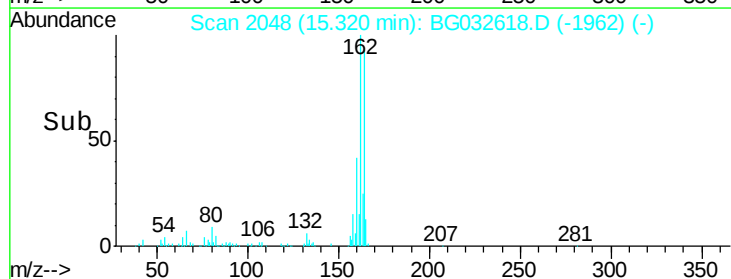
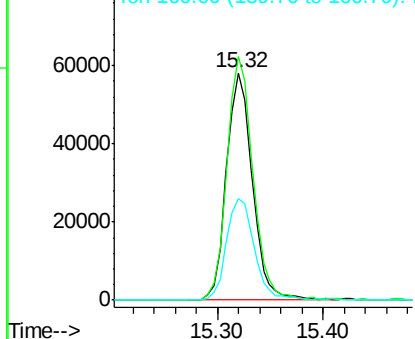


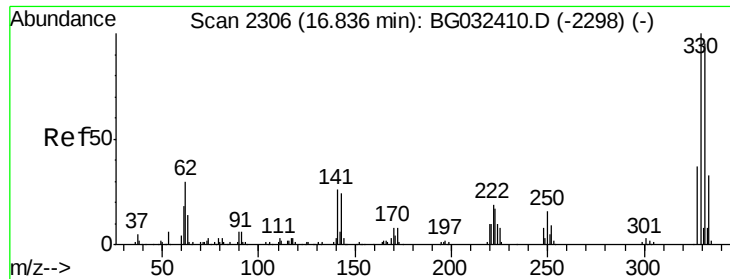
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.32 min Scan# 2048
 Delta R.T. -0.02 min
 Lab File: BG032618.D
 Acq: 8 Feb 2018 19:57

Tgt Ion	164	Resp	98915
Ion Ratio	100	Lower	Upper
162	107.2	78.8	118.2
160	45.0	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

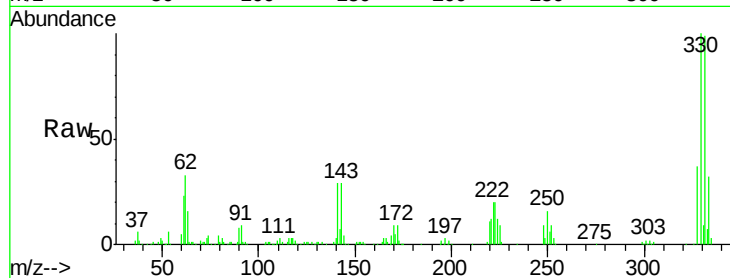




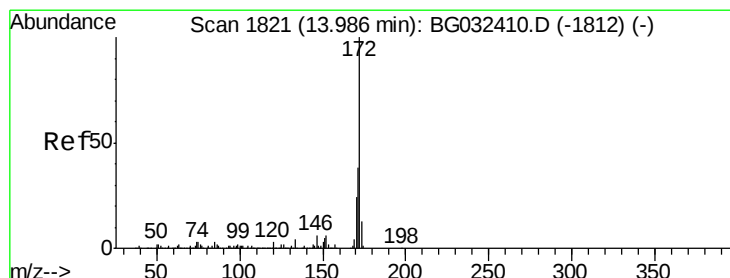
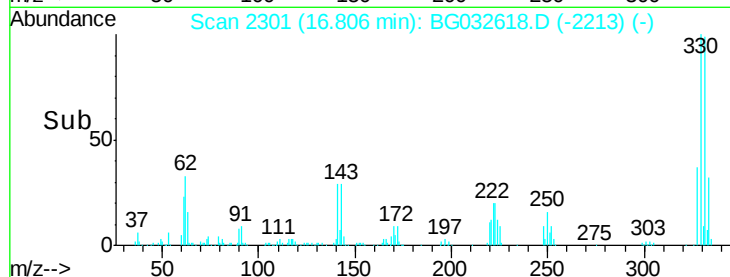
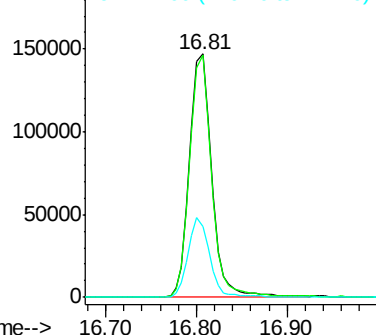
#41
 2,4,6-Tribromophenol
 Concen: 133.82 ng
 RT: 16.81 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BG032618.D
 Acq: 8 Feb 2018 19:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	31.7	25.2	37.8

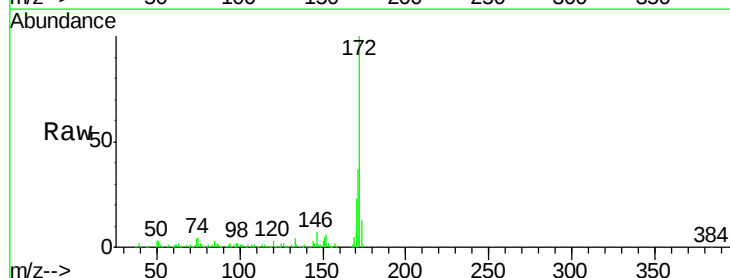


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

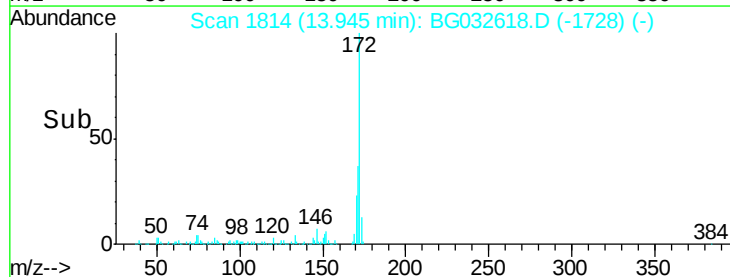
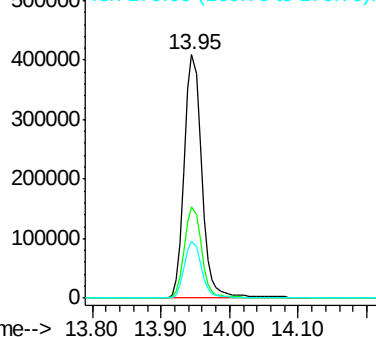


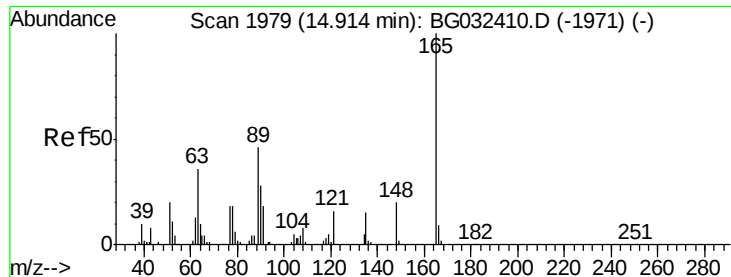
#44
 2-Fluorobiphenyl
 Concen: 87.54 ng
 RT: 13.95 min Scan# 1814
 Delta R.T. -0.02 min
 Lab File: BG032618.D
 Acq: 8 Feb 2018 19:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	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

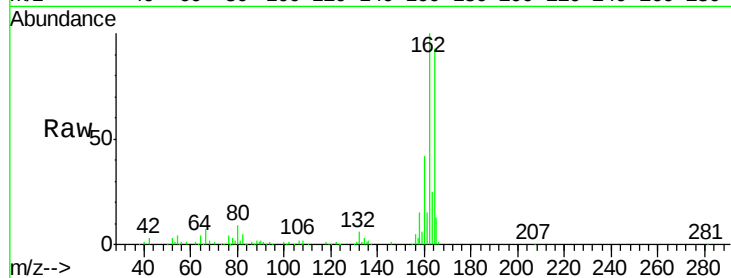




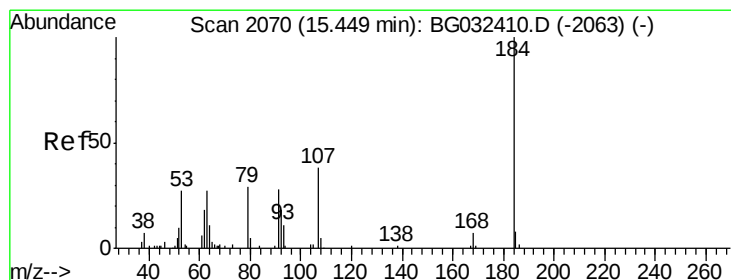
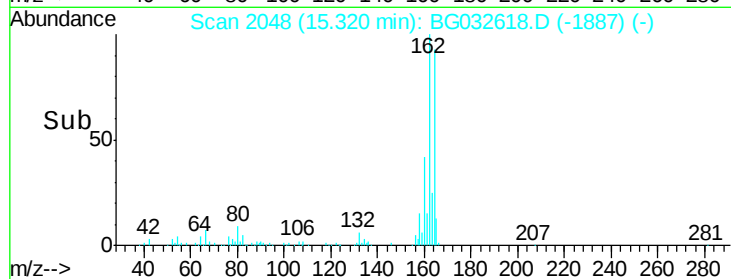
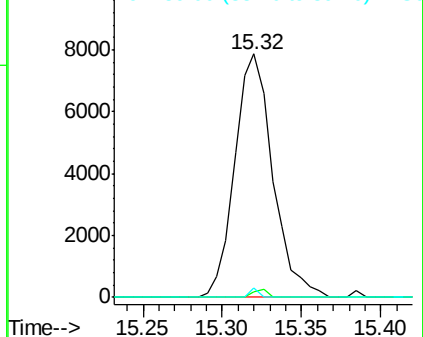
#50
 2,6-Dinitrotoluene
 Concen: 6.84 ng
 RT: 15.32 min Scan# 2048
 Delta R.T. 0.42 min
 Lab File: BG032618.D
 Acq: 8 Feb 2018 19:57

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 13091
 Ion Ratio Lower Upper
 165 100
 63 2.3 52.7 79.1#
 89 4.0 49.2 73.8#

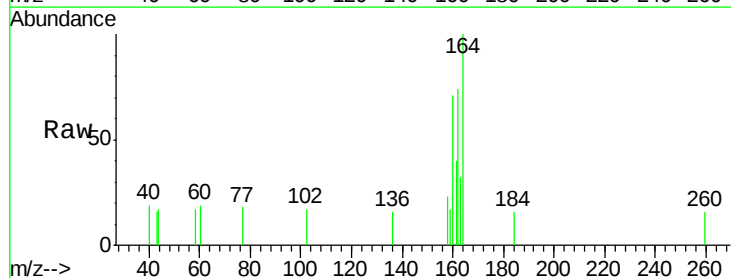


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

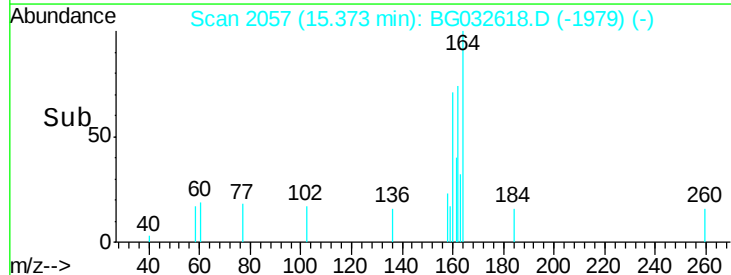
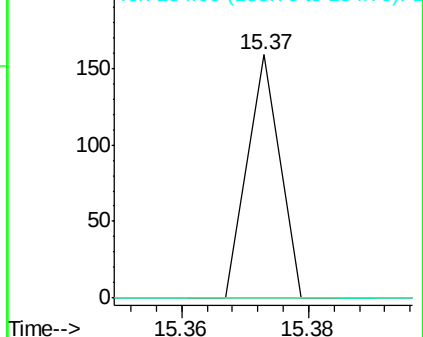


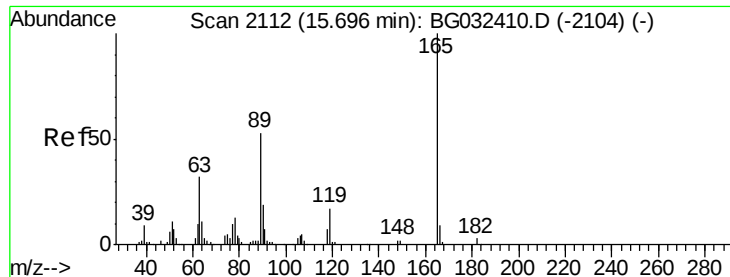
#53
 2,4-Dinitrophenol
 Concen: 4.15 ng
 RT: 15.37 min Scan# 2057
 Delta R.T. -0.07 min
 Lab File: BG032618.D
 Acq: 8 Feb 2018 19:57

Tgt Ion:184 Resp: 56
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

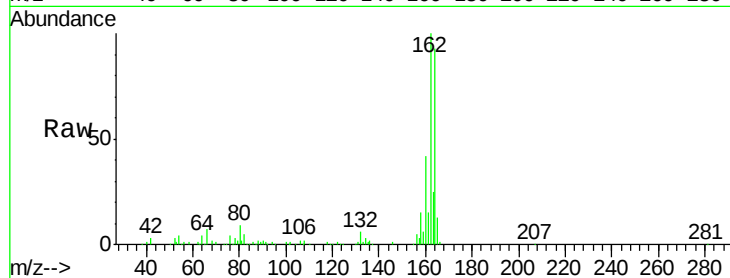




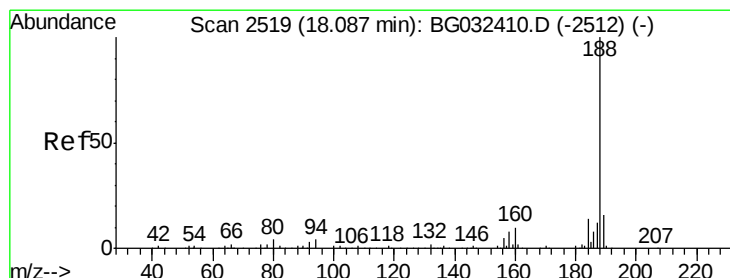
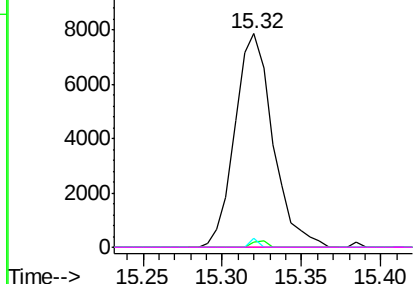
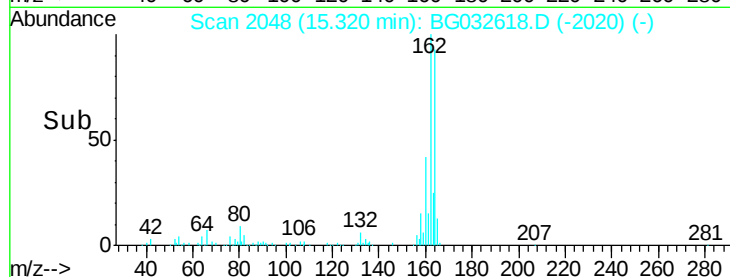
#56
2,4-Dinitrotoluene
Concen: 4.80 ng
RT: 15.32 min Scan# 2048
Delta R.T. -0.36 min
Lab File: BG032618.D
Acq: 8 Feb 2018 19:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 13091
Ion Ratio Lower Upper
165 100
63 2.3 42.0 63.0#
89 4.0 66.9 100.3#
182 0.0 2.6 3.8#

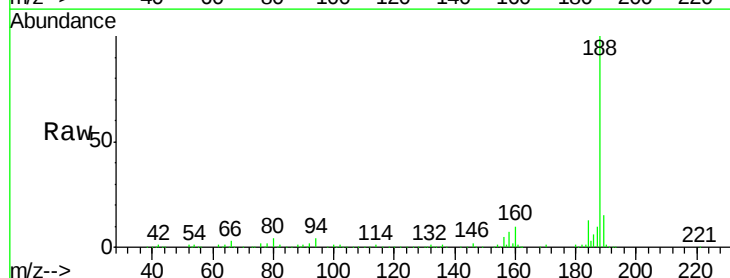


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

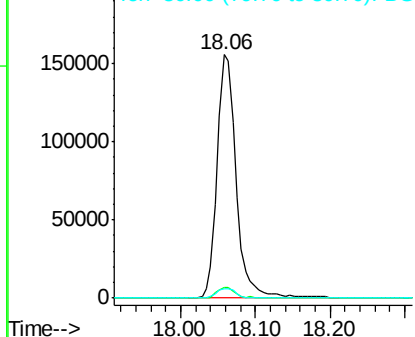
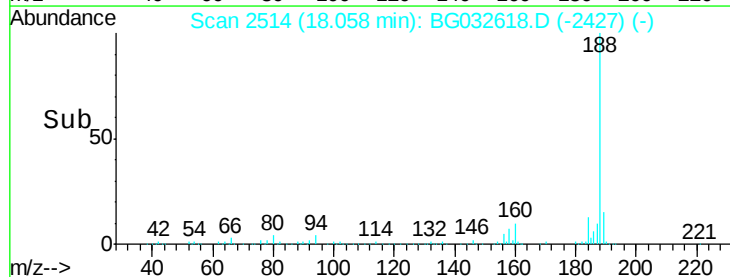


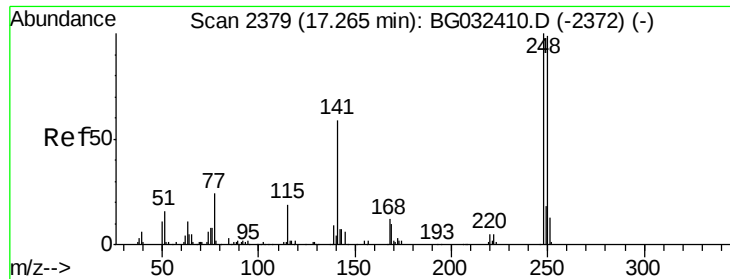
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.06 min Scan# 2514
Delta R.T. -0.02 min
Lab File: BG032618.D
Acq: 8 Feb 2018 19:57

Tgt Ion:188 Resp: 276695
Ion Ratio Lower Upper
188 100
94 4.2 6.9 10.3#
80 3.8 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

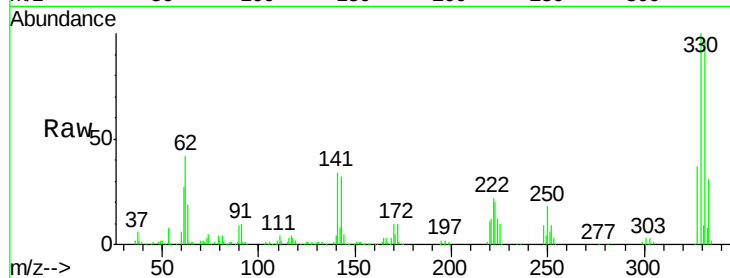




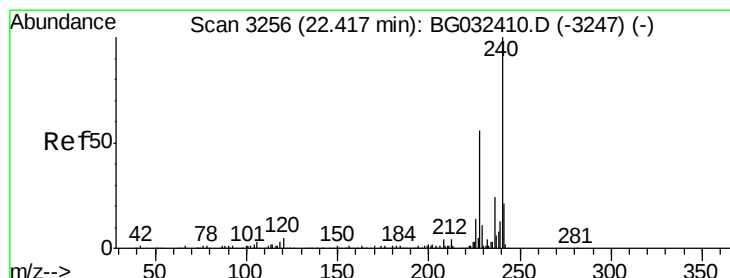
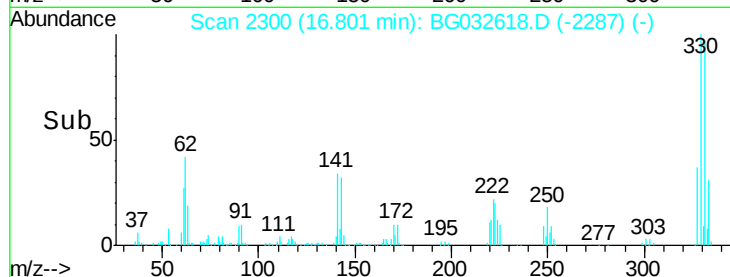
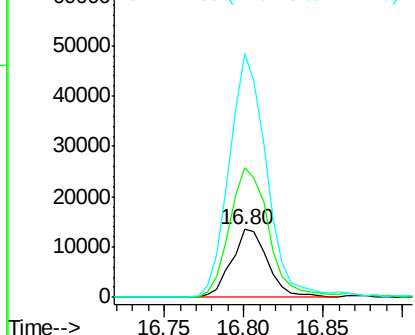
#66
4-Bromophenyl-phenylether
Concen: 5.27 ng
RT: 16.80 min Scan# 2300
Delta R.T. -0.45 min
Lab File: BG032618.D
Acq: 8 Feb 2018 19:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 21604
Ion Ratio Lower Upper
248 100
250 190.6 77.1 115.7#
141 358.9 50.8 76.2#

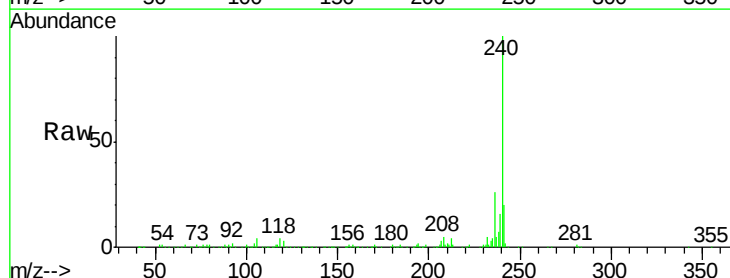


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

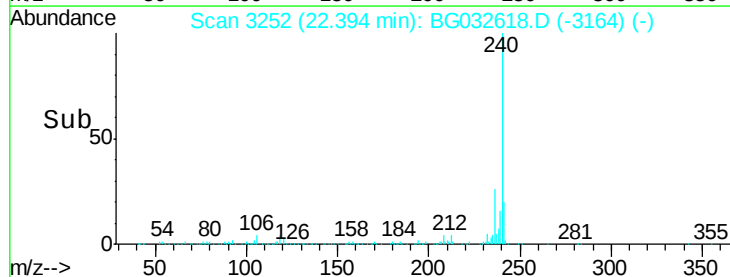
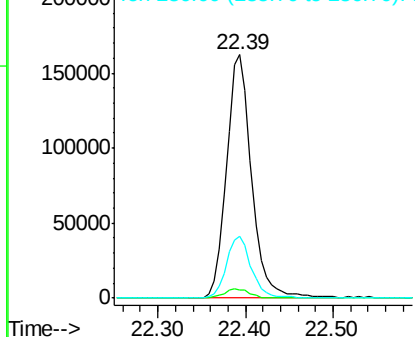


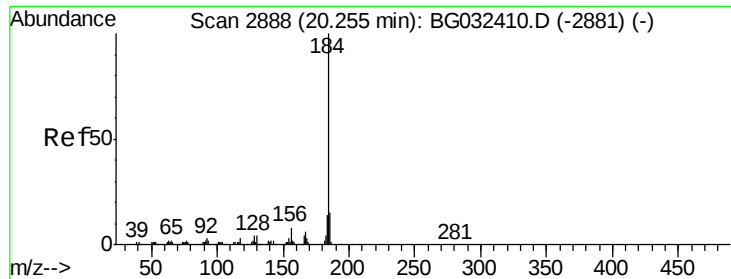
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.39 min Scan# 3252
Delta R.T. -0.01 min
Lab File: BG032618.D
Acq: 8 Feb 2018 19:57

Tgt Ion:240 Resp: 318047
Ion Ratio Lower Upper
240 100
120 3.4 6.8 10.2#
236 25.5 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: 3.35 ng

RT: 20.60 min Scan# 2947

Delta R.T. 0.36 min

Lab File: BG032618.D

Acq: 8 Feb 2018 19:57

Instrument :

BNA_G

ClientSampleId :

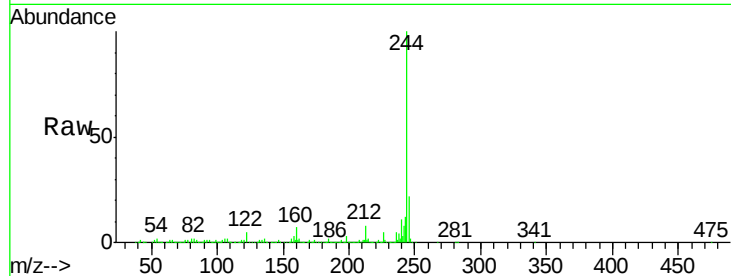
Tot Ion:184 Resp: 20916

Ion Ratio Lower Upper

184 100

185 17.4 11.1 16.7#

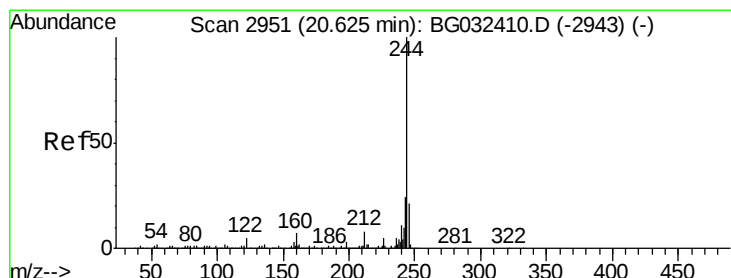
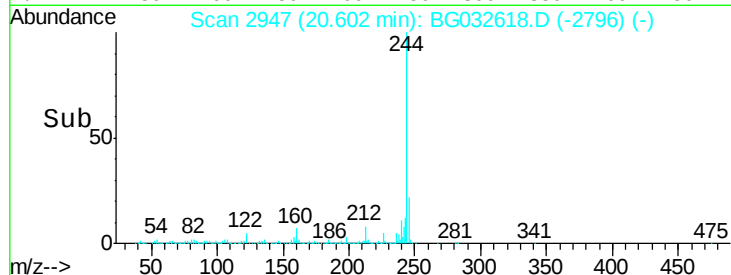
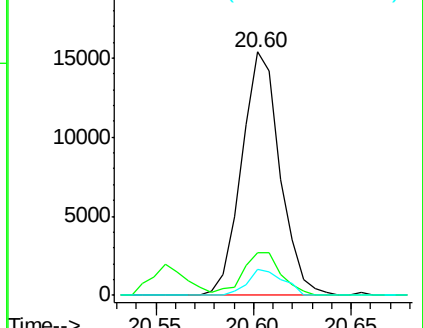
183 10.5 10.6 16.0#



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: 94.45 ng

RT: 20.60 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG032618.D

Acq: 8 Feb 2018 19:57

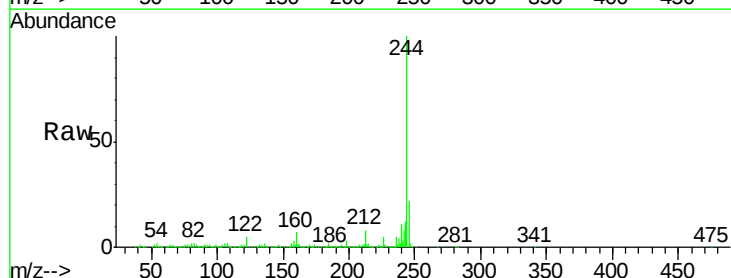
Tgt Ion:244 Resp: 1402370

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

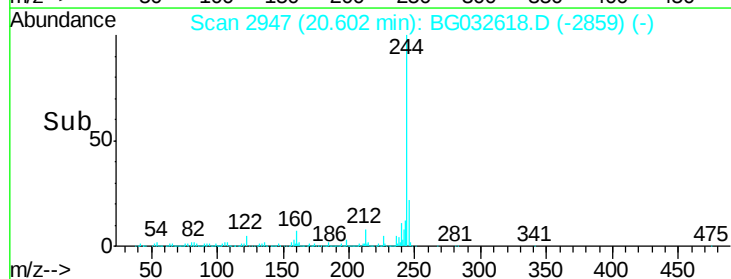
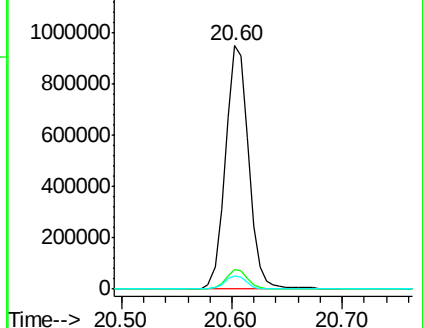
122 5.4 7.0 10.4#

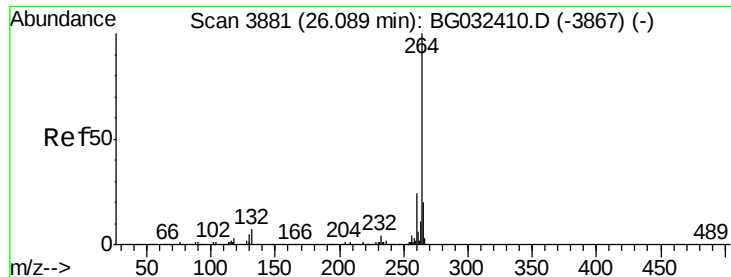


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.06 min Scan# 3876
 Delta R.T. -0.01 min
 Lab File: BG032618.D
 Acq: 8 Feb 2018 19:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	22.0	17.7	26.5

