

Data Path : U:\HPCHEM1\BNA G\DATA\BG020218\
 Data File : BG032526.D
 Acq On : 3 Feb 2018 00:41
 Operator : SJ/JU
 Sample : J1431-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 03 02:09:22 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

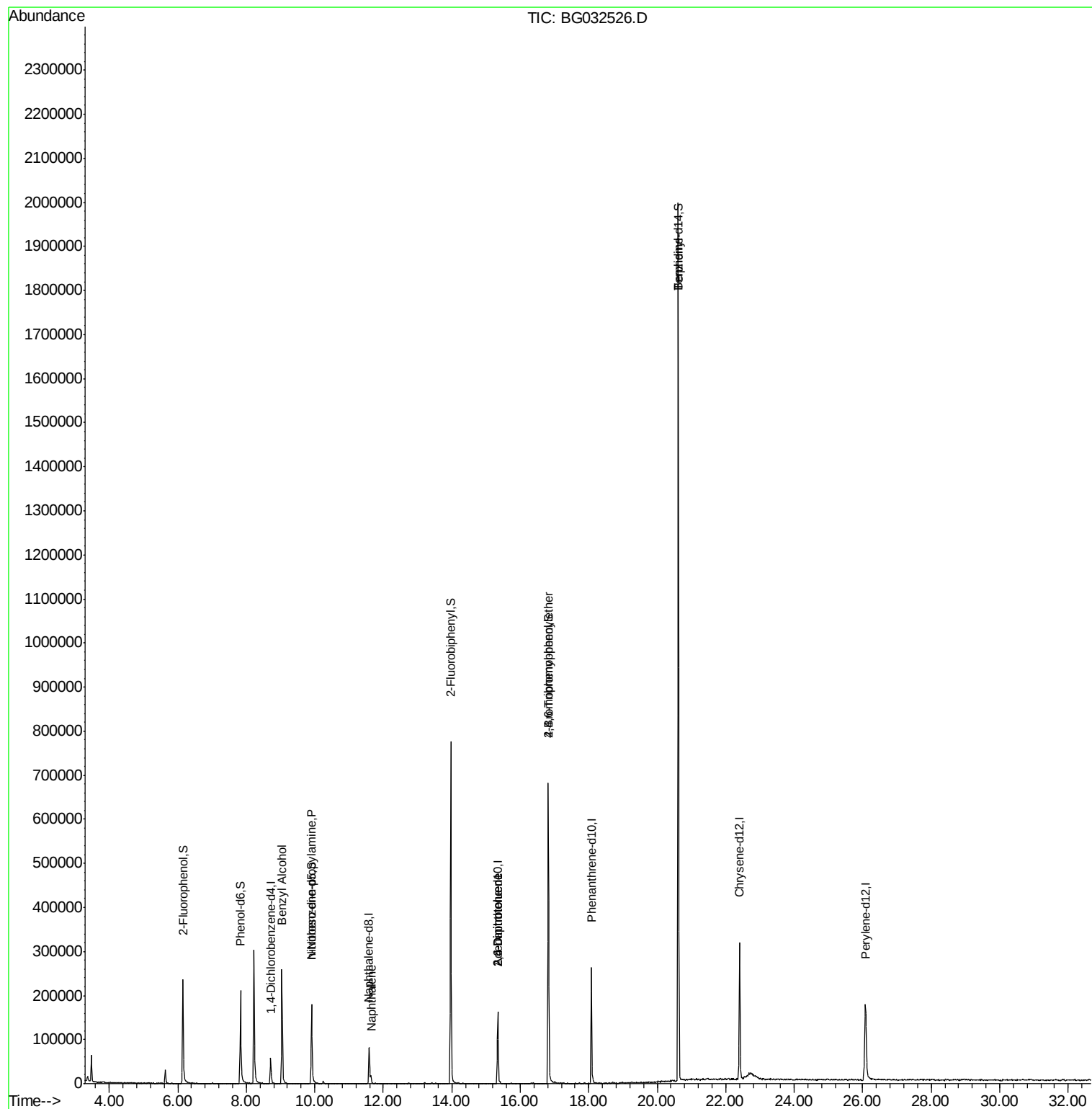
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	22340	20.00	ng	-0.01
21) Naphthalene-d8	11.58	136	90337	20.00	ng	-0.02
38) Acenaphthene-d10	15.34	164	67360	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	191786	20.00	ng	-0.01
75) Chrysene-d12	22.40	240	254492	20.00	ng	-0.02
86) Perylene-d12	26.08	264	265728	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	127840	114.94	ng	0.00
7) Phenol-d6	7.83	99	145994	98.37	ng	0.00
23) Nitrobenzene-d5	9.91	82	120473	83.30	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	173754	135.51	ng	-0.02
44) 2-Fluorobiphenyl	13.97	172	472680	83.40	ng	-0.02
78) Terphenyl-d14	20.61	244	1101481	92.71	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	9.04	79	2541	2.077	ng	# 45
19) n-Nitroso-di-n-propylamine	9.90	70	18941	19.247	ng	# 72
31) Naphthalene	11.64	128	17677	4.006	ng	# 99
50) 2,6-Dinitrotoluene	15.34	165	8932	6.852	ng	# 18
56) 2,4-Dinitrotoluene	15.34	165	8932	4.812	ng	# 16
66) 4-Bromophenyl-phenylether	16.82	248	13439	4.730	ng	# 1
76) Benizidine	20.61	184	16330	3.268	ng	# 90

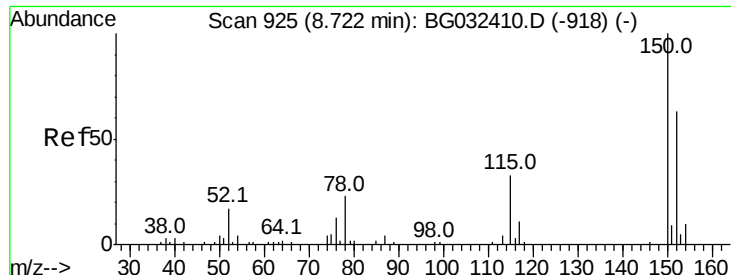
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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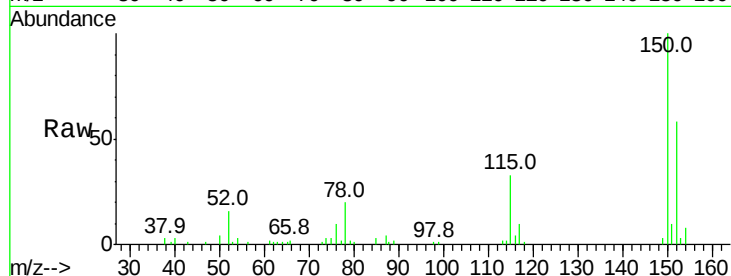


#1

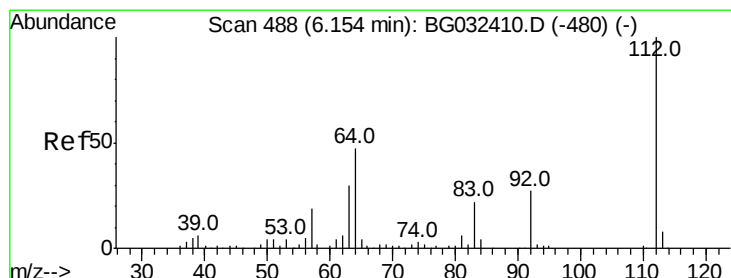
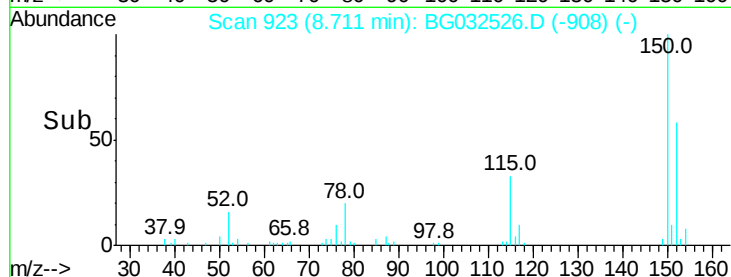
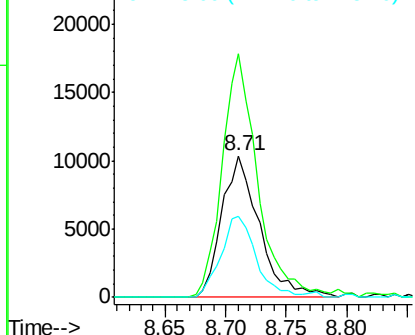
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032526.D
Acq: 3 Feb 2018 00:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 22340
Ion Ratio Lower Upper
152 100
150 171.6 126.6 189.8
115 56.8 53.0 79.4



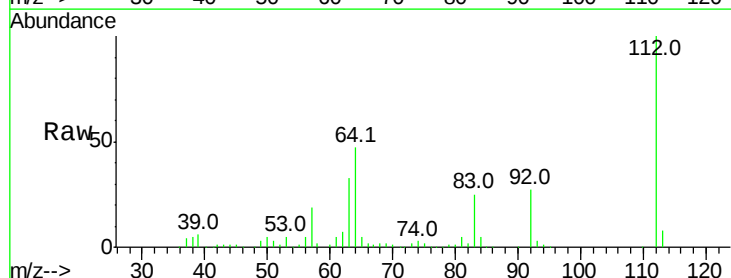
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



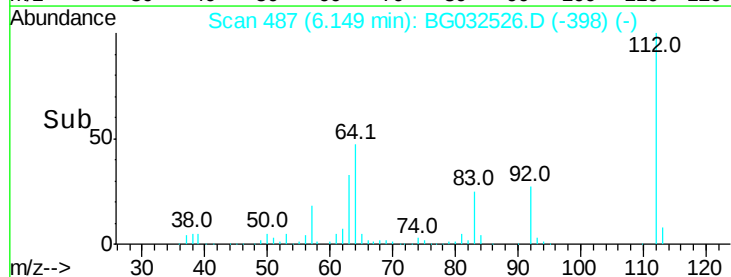
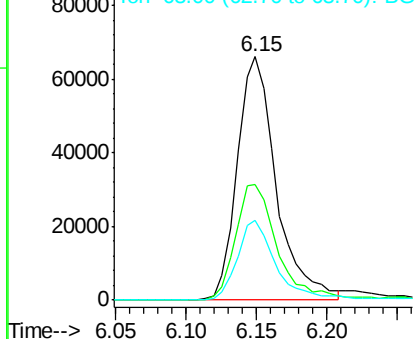
#5

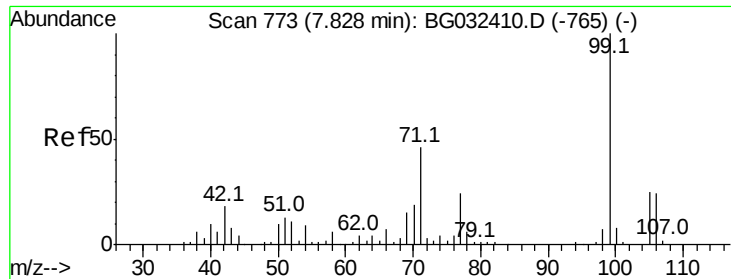
2-Fluorophenol
Concen: 114.939 ng
RT: 6.15 min Scan# 487
Delta R.T. -0.01 min
Lab File: BG032526.D
Acq: 3 Feb 2018 00:41

Tgt Ion:112 Resp: 127840
Ion Ratio Lower Upper
112 100
64 47.3 56.3 84.5#
63 32.7 30.1 45.1



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





#7

Phenol-d6

Concen: 98.366 ng

RT: 7.83 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG032526.D

Acq: 3 Feb 2018 00:41

Instrument :

BNA_G

ClientSampleId :

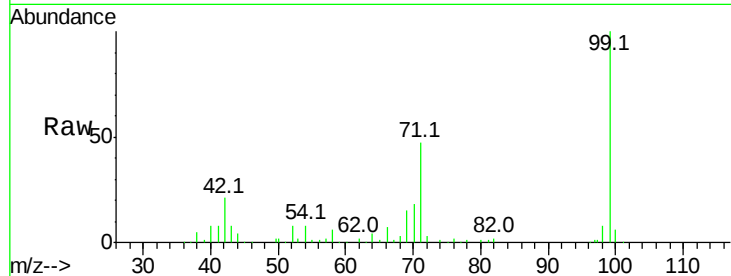
Tot Ion: 99 Resp: 145994

Ion Ratio Lower Upper

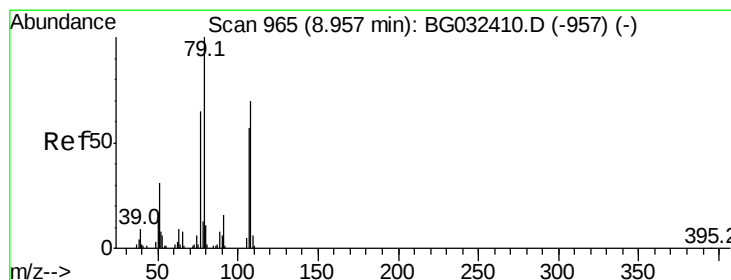
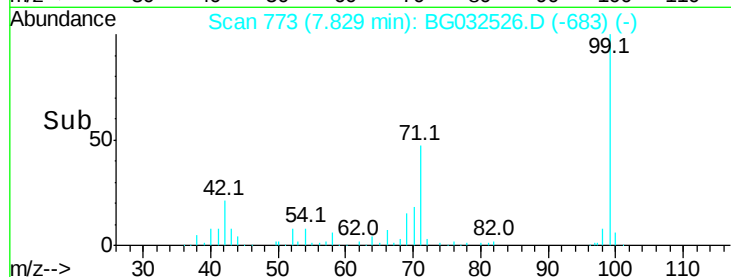
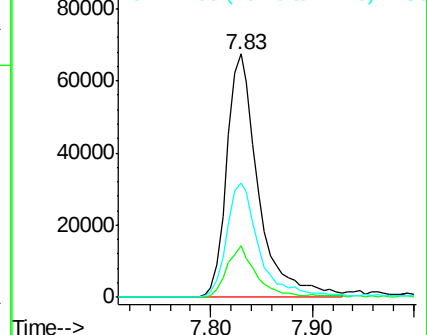
99 100

42 21.4 14.1 21.1#

71 47.1 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



#15

Benzyl Alcohol

Concen: 2.077 ng

RT: 9.04 min Scan# 979

Delta R.T. 0.08 min

Lab File: BG032526.D

Acq: 3 Feb 2018 00:41

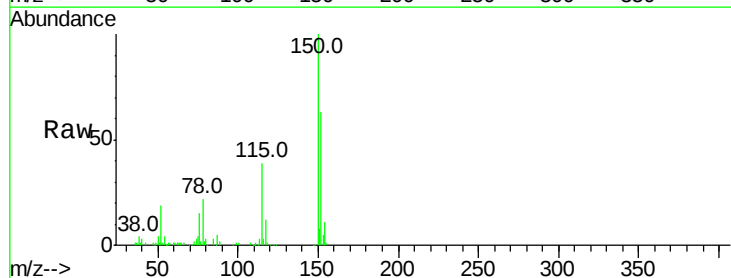
Tgt Ion: 79 Resp: 2541

Ion Ratio Lower Upper

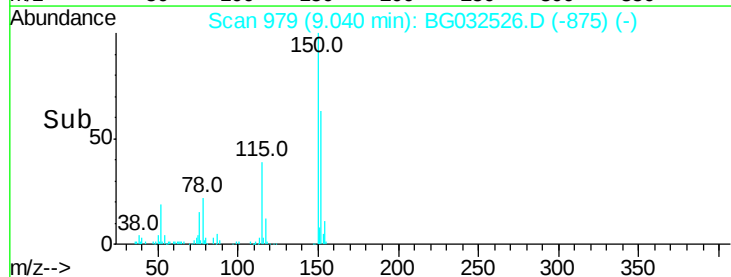
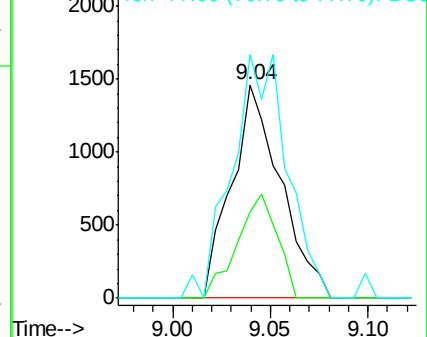
79 100

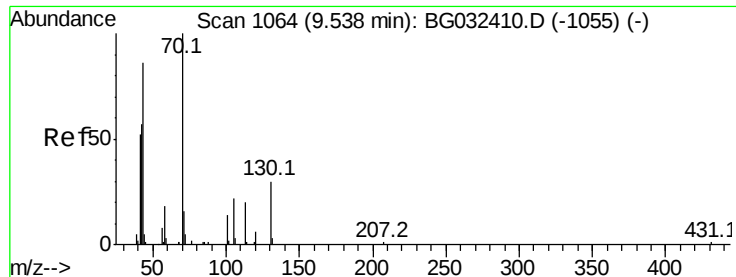
108 40.7 57.2 85.8#

77 114.2 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: 19.247 ng

RT: 9.90 min Scan# 1126

Delta R.T. 0.37 min

Lab File: BG032526.D

Acq: 3 Feb 2018 00:41

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 18941

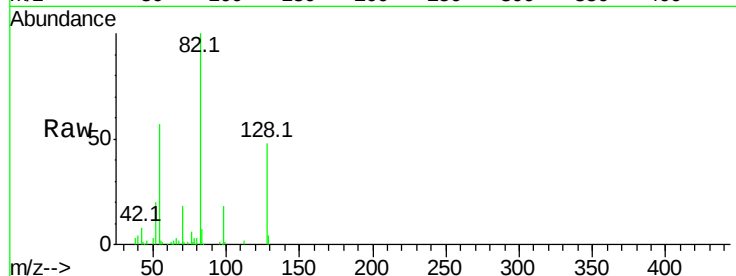
Ion Ratio Lower Upper

70 100

42 42.5 49.1 73.7#

101 0.0 8.5 12.7#

130 0.0 13.4 20.0#

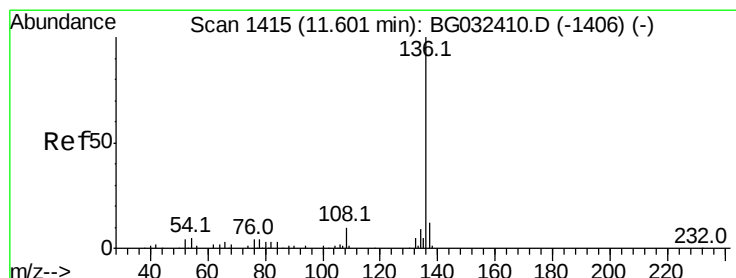
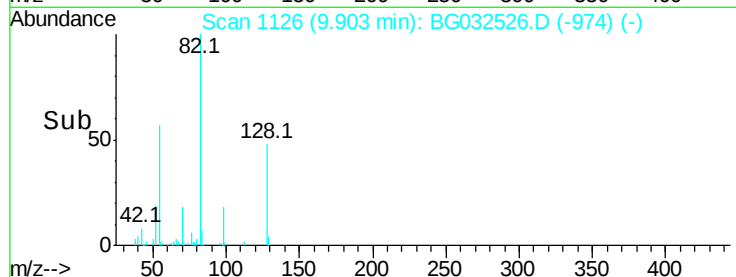
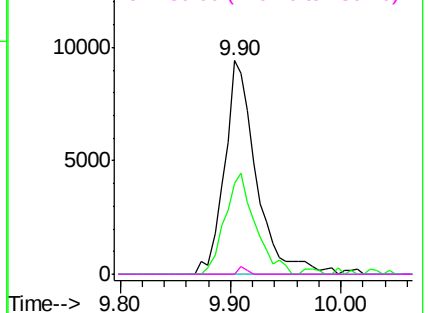


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 11.58 min Scan# 1412

Delta R.T. -0.02 min

Lab File: BG032526.D

Acq: 3 Feb 2018 00:41

Tgt Ion: 136 Resp: 90337

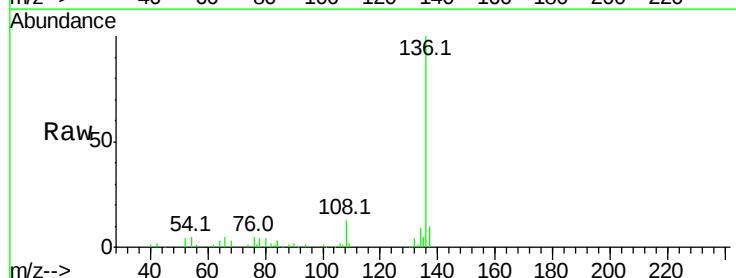
Ion Ratio Lower Upper

136 100

137 9.7 9.2 13.8

54 5.2 10.3 15.5#

68 2.6 4.5 6.7#

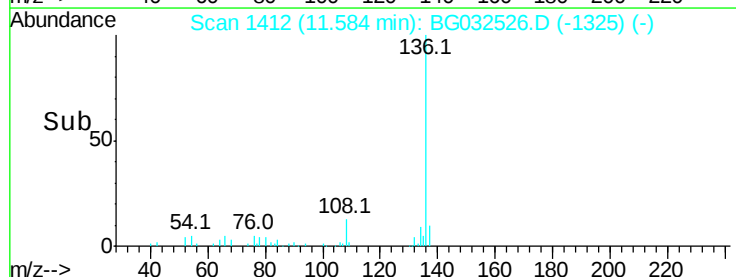
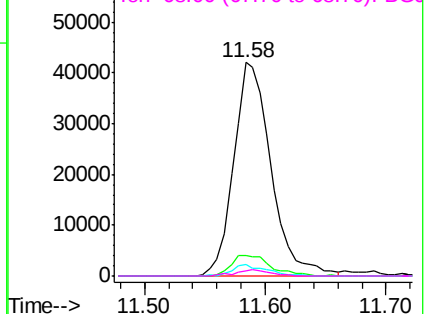


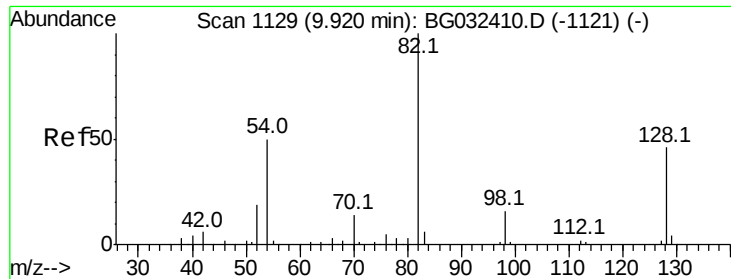
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

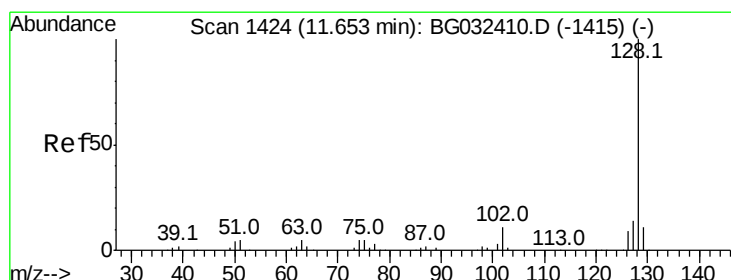
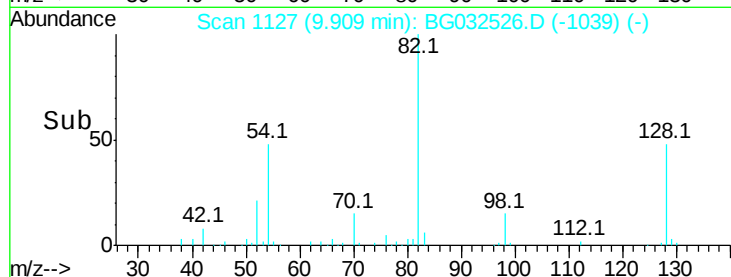
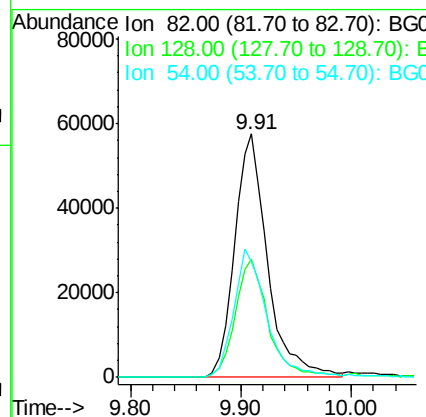
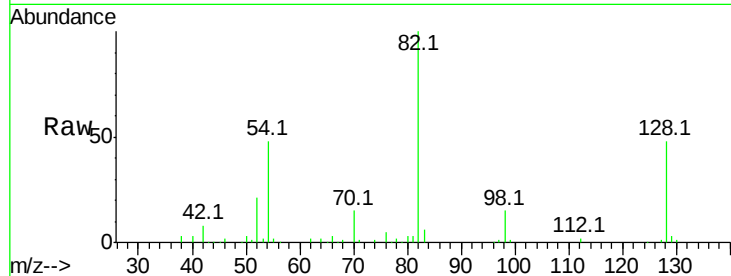




#23
 Nitrobenzene-d5
 Concen: 83.297 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BG032526.D
 Acq: 3 Feb 2018 00:41

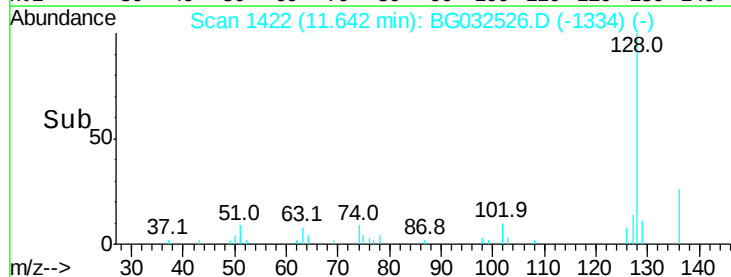
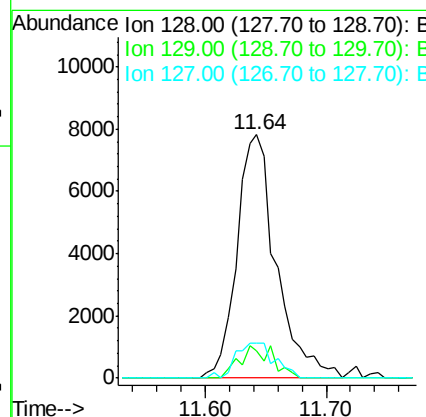
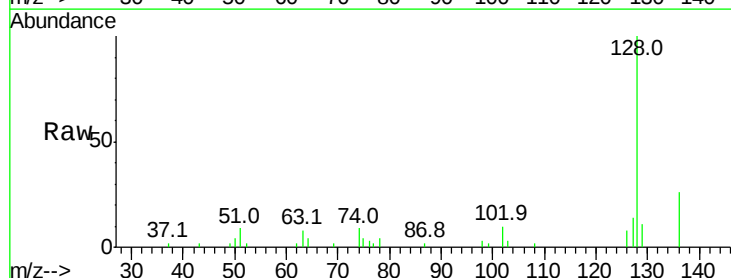
Instrument :
 BNA_G
 ClientSampleId :

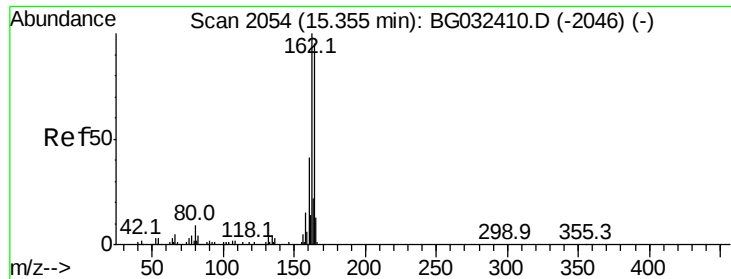
Tot Ion: 82 Resp: 120473
 Ion Ratio Lower Upper
 82 100
 128 48.4 29.7 44.5#
 54 47.5 43.1 64.7



#31
 Naphthalene
 Concen: 4.006 ng
 RT: 11.64 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BG032526.D
 Acq: 3 Feb 2018 00:41

Tgt Ion: 128 Resp: 17677
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.6 12.8
 127 14.1 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.34 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG032526.D

Acq: 3 Feb 2018 00:41

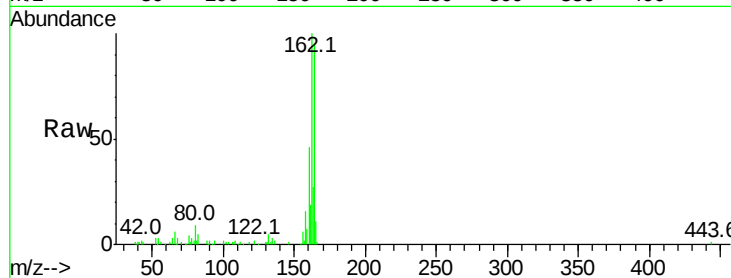
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 67360

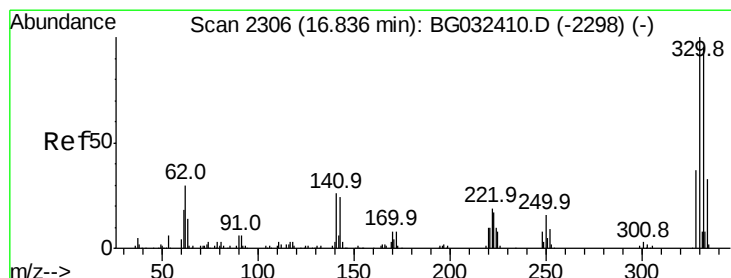
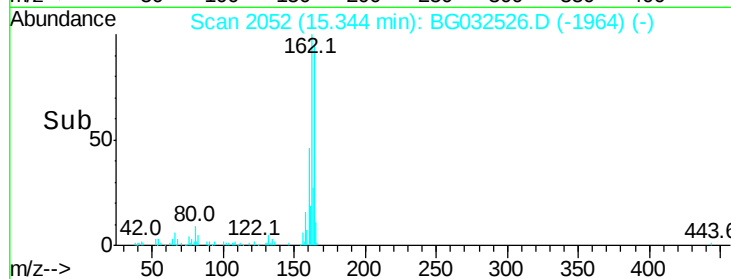
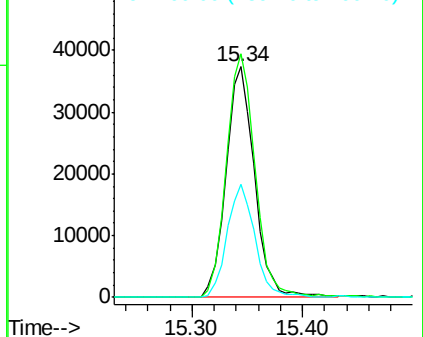
Ion	Ratio	Lower	Upper
164	100		
162	105.8	78.8	118.2
160	49.1	35.4	53.0



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: 135.513 ng

RT: 16.82 min Scan# 2303

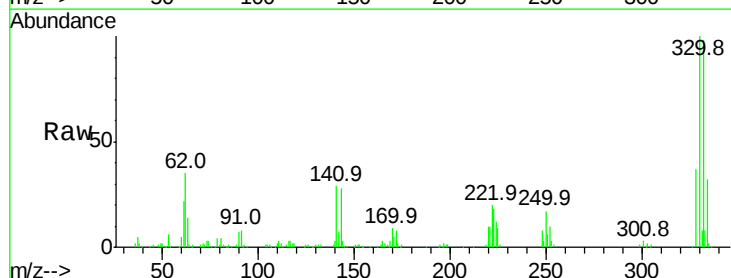
Delta R.T. -0.02 min

Lab File: BG032526.D

Acq: 3 Feb 2018 00:41

Tgt Ion:330 Resp: 173754

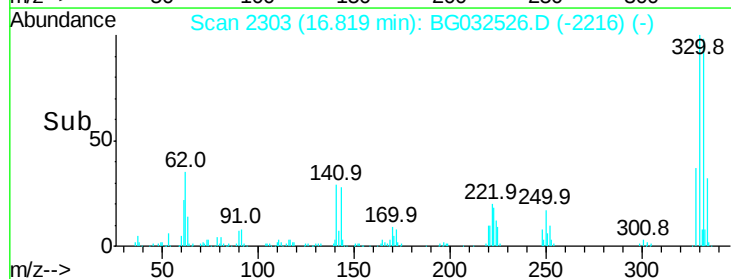
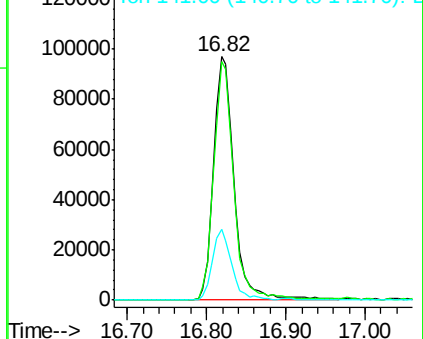
Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	27.4	25.2	37.8

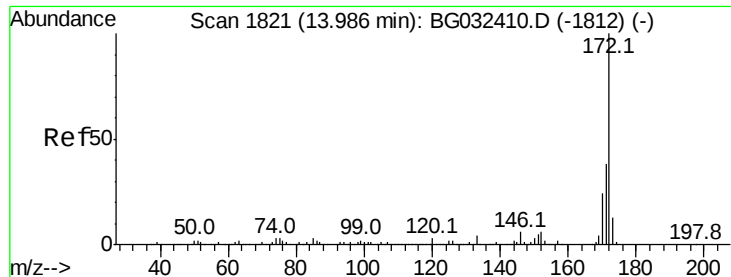


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

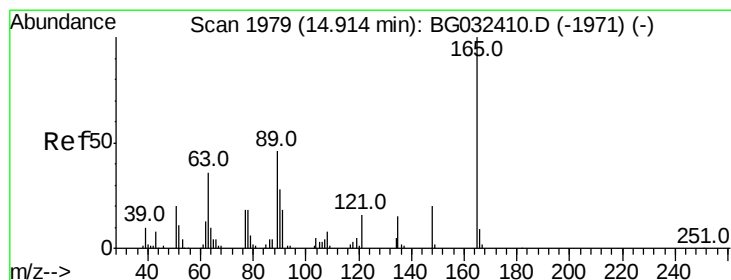
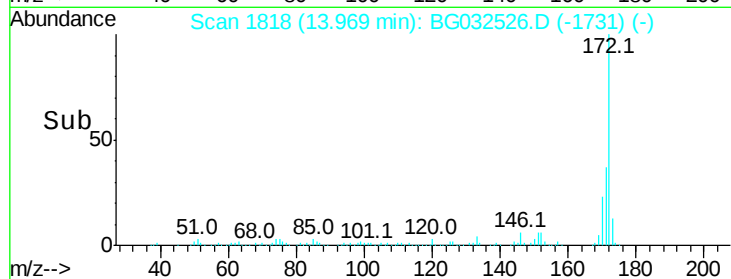
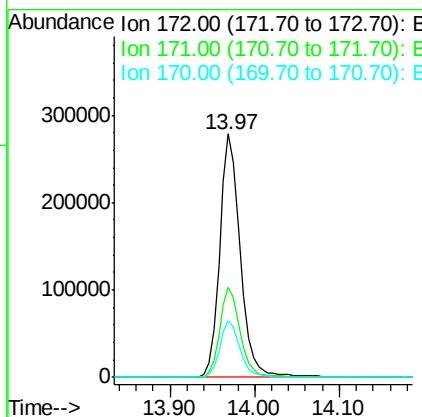
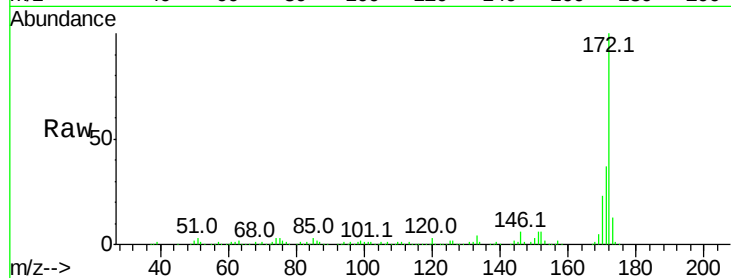




#44
 2-Fluorobiphenyl
 Concen: 83.404 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BG032526.D
 Acq: 3 Feb 2018 00:41

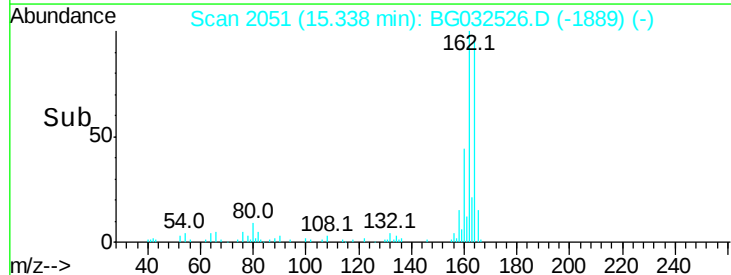
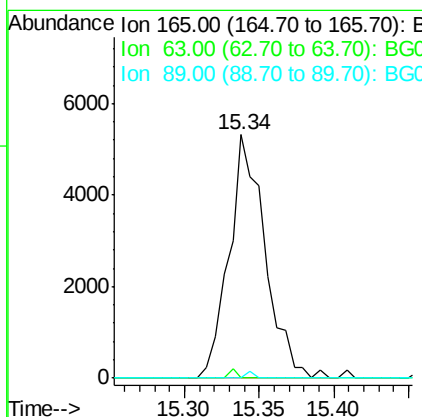
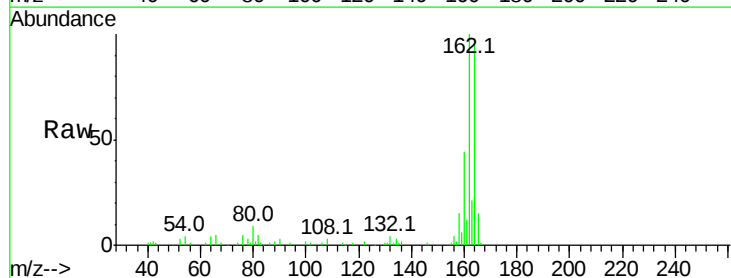
Instrument :
 BNA_G
 ClientSampleId :

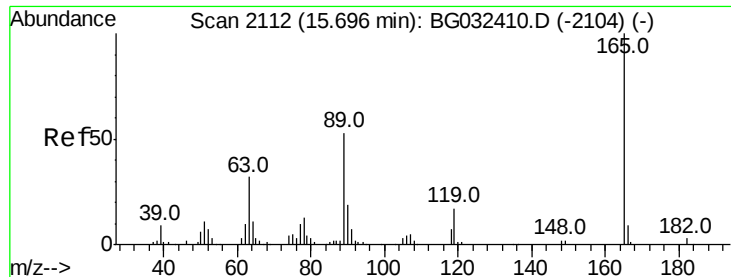
Tot Ion:172 Resp: 472680
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.0 45.0
 170 23.3 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 6.852 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. 0.42 min
 Lab File: BG032526.D
 Acq: 3 Feb 2018 00:41

Tgt Ion:165 Resp: 8932
 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: 4.812 ng

RT: 15.34 min Scan# 2051

Delta R.T. -0.36 min

Lab File: BG032526.D

Acq: 3 Feb 2018 00:41

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 8932

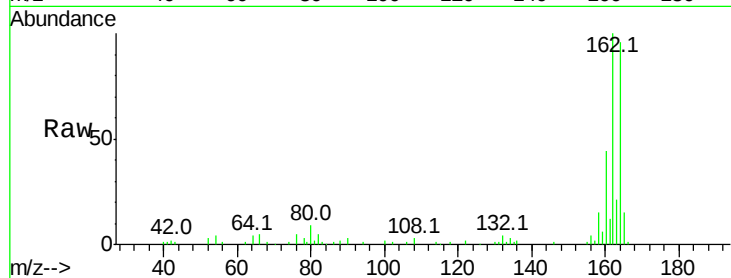
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

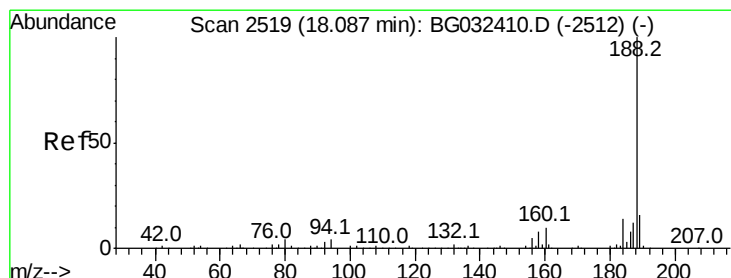
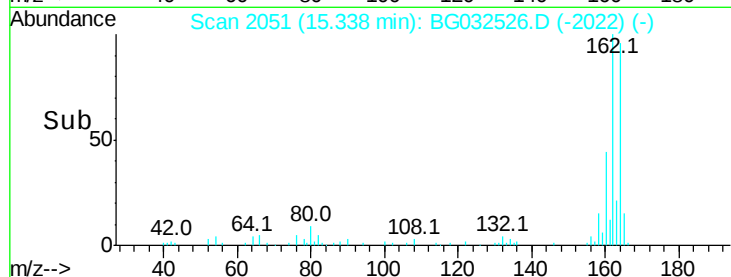
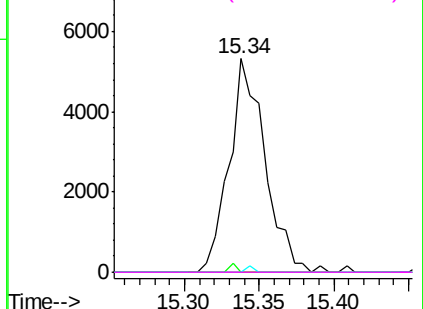


Abundance Ion 165.00 (164.70 to 165.70): E

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: 18.08 min Scan# 2517

Delta R.T. -0.01 min

Lab File: BG032526.D

Acq: 3 Feb 2018 00:41

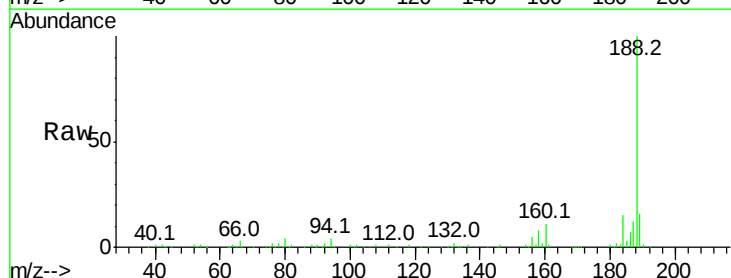
Tgt Ion:188 Resp: 191786

Ion Ratio Lower Upper

188 100

94 4.4 6.9 10.3#

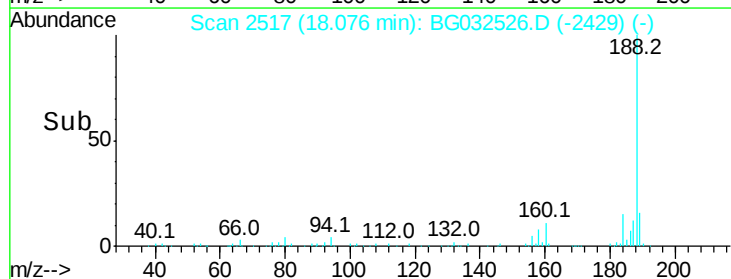
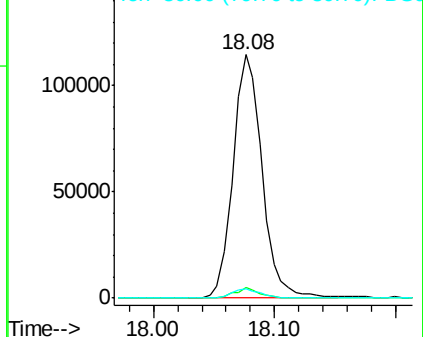
80 3.8 7.7 11.5#

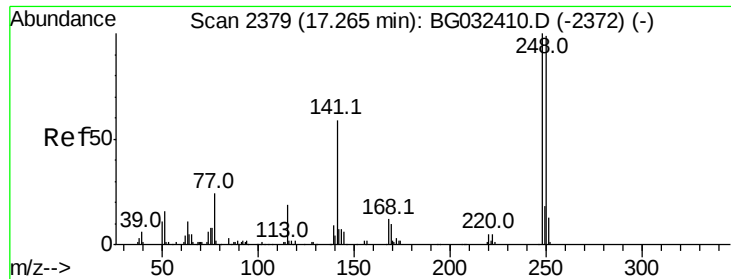


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

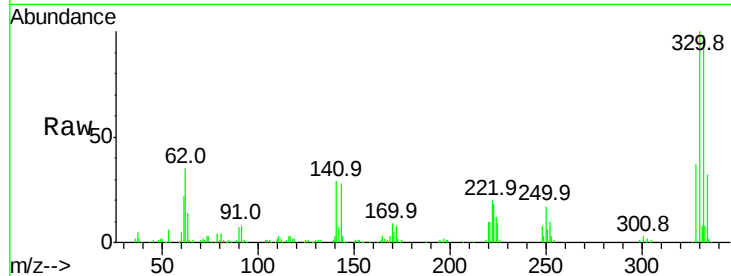




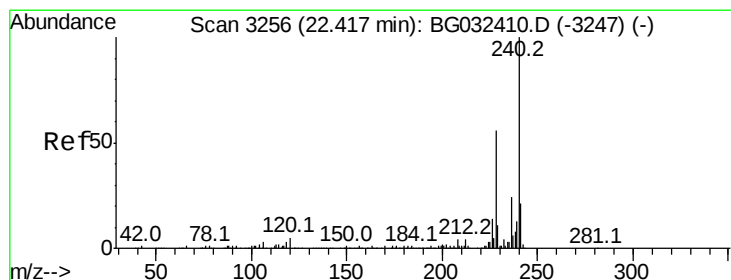
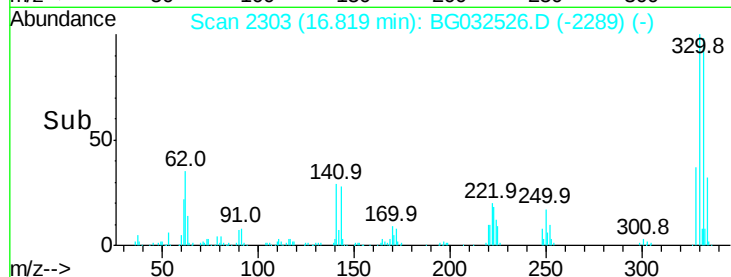
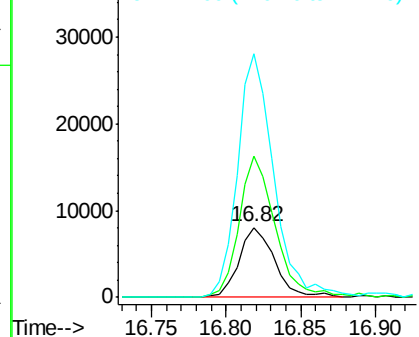
#66
4-Bromophenyl-phenylether
Concen: 4.730 ng
RT: 16.82 min Scan# 2303
Delta R.T. -0.45 min
Lab File: BG032526.D
Acq: 3 Feb 2018 00:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 13439
Ion Ratio Lower Upper
248 100
250 203.2 77.1 115.7#
141 349.9 50.8 76.2#

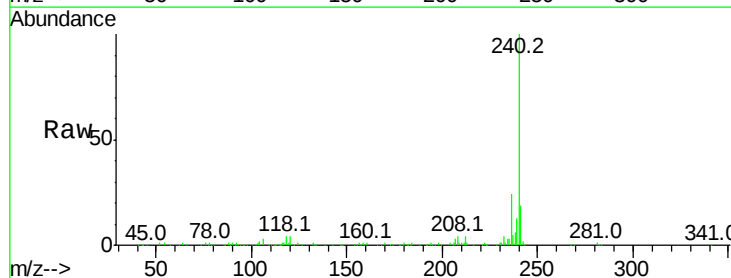


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

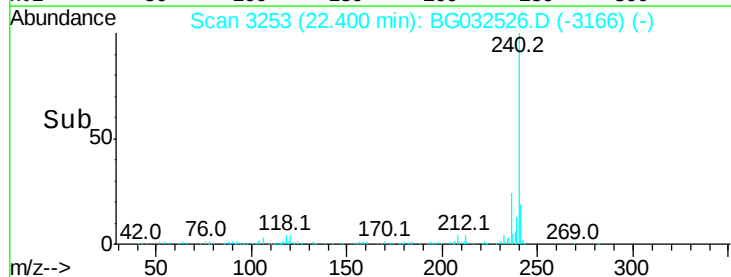
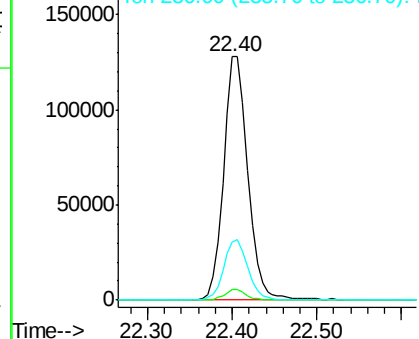


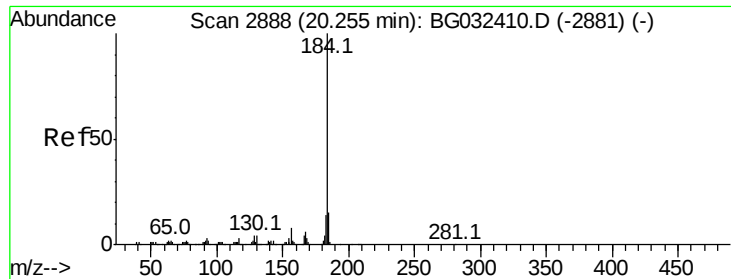
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.40 min Scan# 3253
Delta R.T. -0.02 min
Lab File: BG032526.D
Acq: 3 Feb 2018 00:41

Tgt Ion:240 Resp: 254492
Ion Ratio Lower Upper
240 100
120 4.5 6.8 10.2#
236 23.7 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: 3.268 ng

RT: 20.61 min Scan# 2949

Delta R.T. 0.36 min

Lab File: BG032526.D

Acq: 3 Feb 2018 00:41

Instrument :

BNA_G

ClientSampleId :

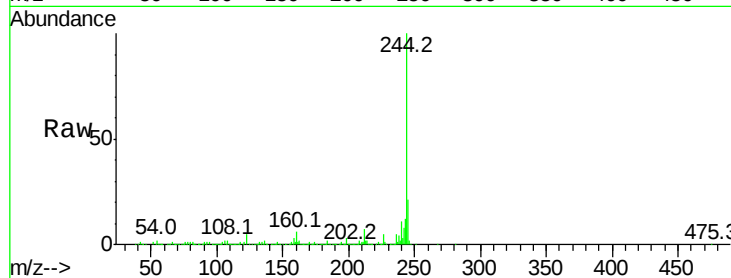
Tot Ion:184 Resp: 16330

Ion Ratio Lower Upper

184 100

185 19.3 11.1 16.7#

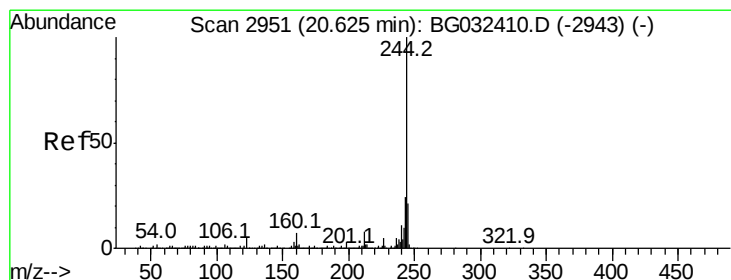
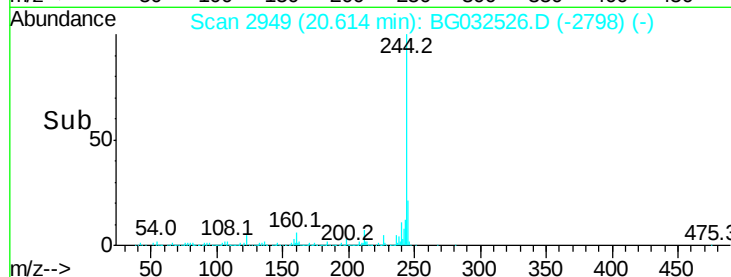
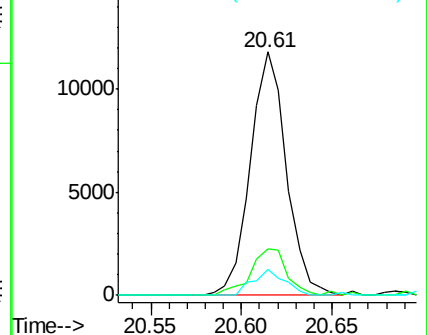
183 10.7 10.6 16.0



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: 92.713 ng

RT: 20.61 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032526.D

Acq: 3 Feb 2018 00:41

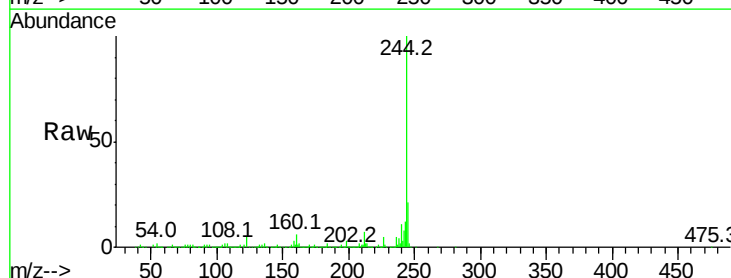
Tgt Ion:244 Resp: 1101481

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

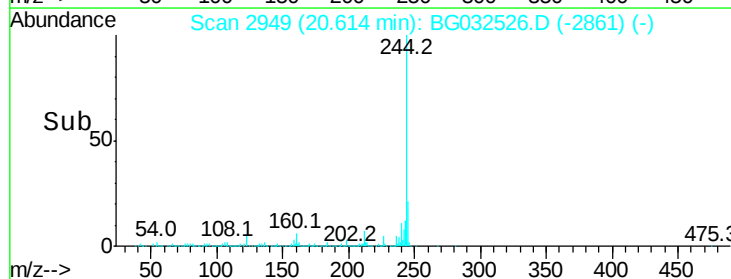
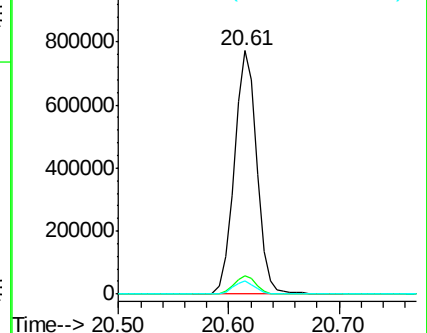
122 5.3 7.0 10.4#

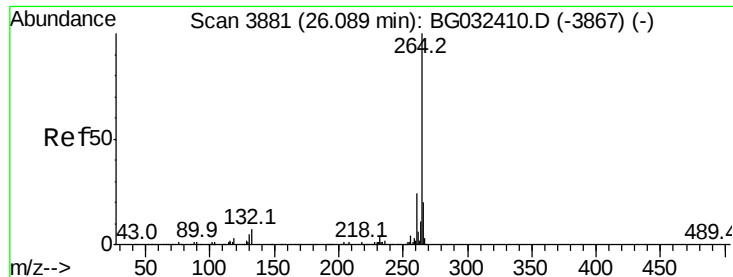


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

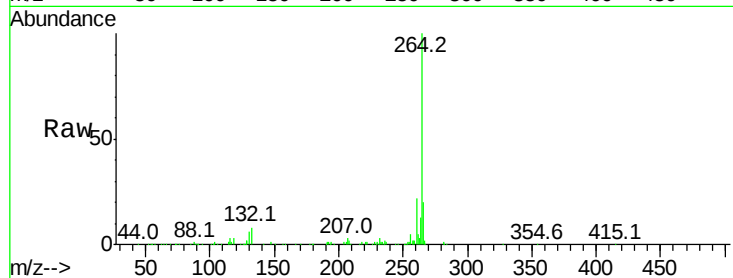




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.08 min Scan# 3879
Delta R.T. -0.01 min
Lab File: BG032526.D
Acq: 3 Feb 2018 00:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	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

