

Data Path : U:\HPCHEM1\BNA G\DATA\BG020118\
 Data File : BG032494.D
 Acq On : 1 Feb 2018 17:51
 Operator : SJ/JU
 Sample : J1410-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 02 02:49:07 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

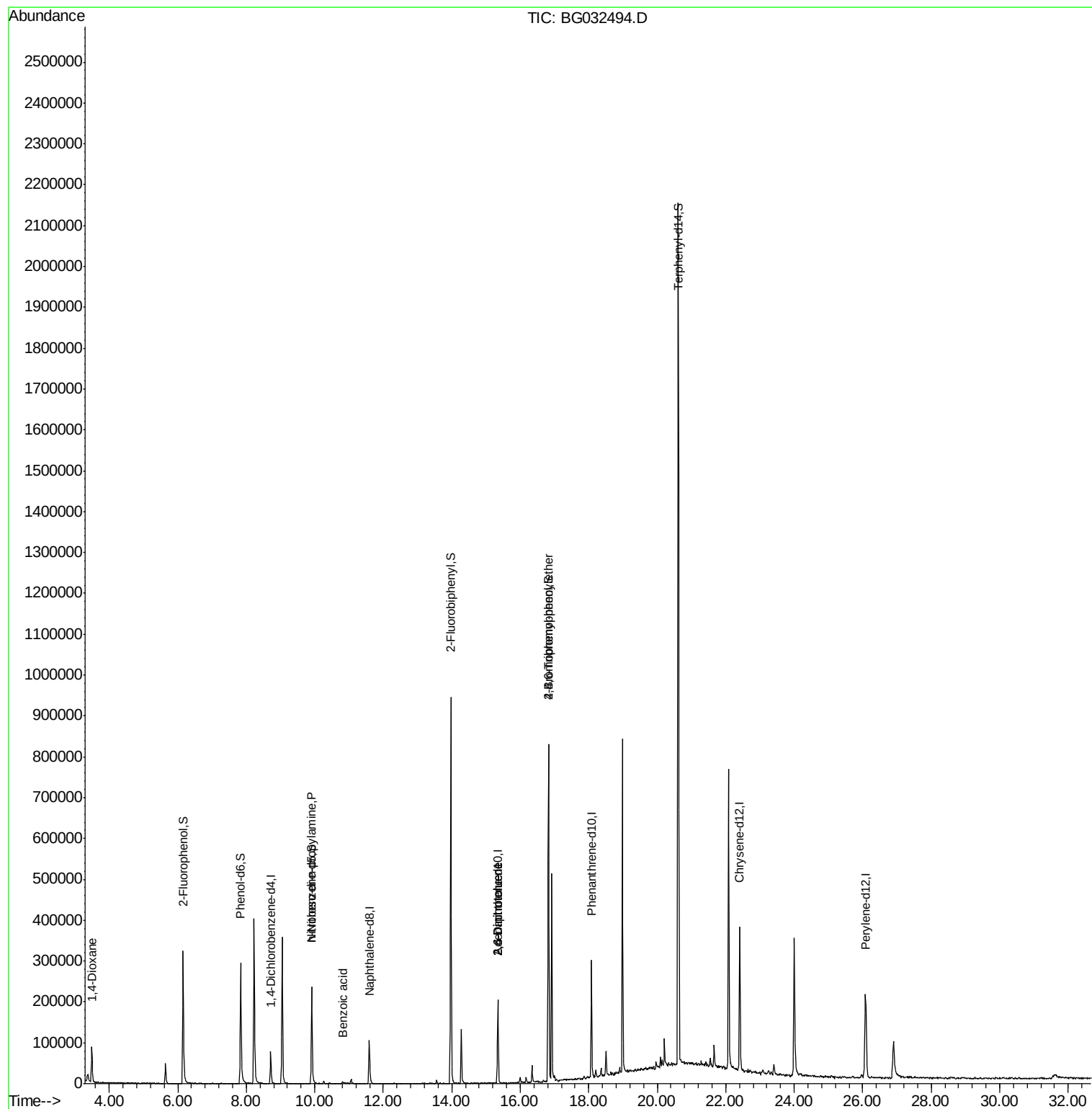
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	28737	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	114732	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	80032	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	202595	20.00	ng	0.00
75) Chrysene-d12	22.41	240	262688	20.00	ng	-0.01
86) Perylene-d12	26.08	264	285479	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	182333	127.44	ng	0.00
7) Phenol-d6	7.83	99	208524	109.22	ng	0.00
23) Nitrobenzene-d5	9.91	82	157789	85.90	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	205123	134.65	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	579947	86.13	ng	-0.01
78) Terphenyl-d14	20.62	244	1084479	88.43	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.49	88	1047	2.175	ng	# 1
19) n-Nitroso-di-n-propylamine	9.91	70	23338	18.436	ng	# 75
32) Benzoic acid	10.81	122	1229	8.190	ng	# 73
50) 2,6-Dinitrotoluene	15.34	165	10115	6.531	ng	# 18
56) 2,4-Dinitrotoluene	15.34	165	10115	4.587	ng	# 16
66) 4-Bromophenyl-phenylether	16.82	248	16798	5.597	ng	# 1

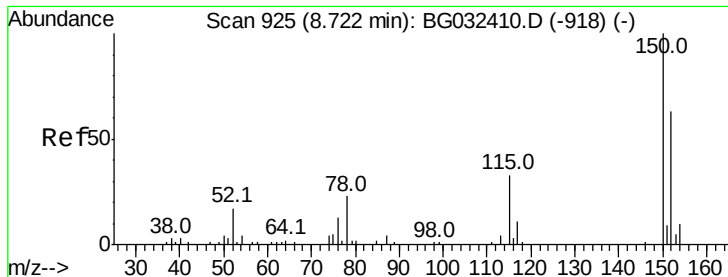
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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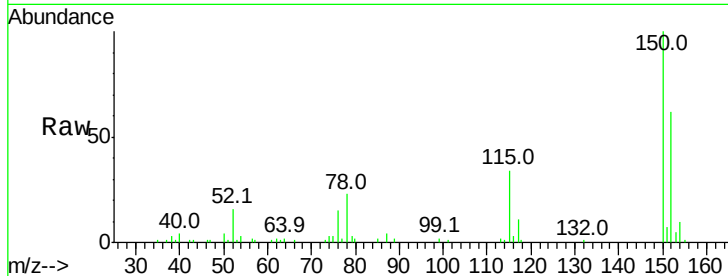


#1

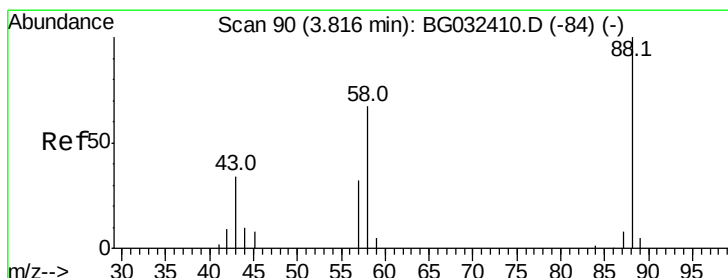
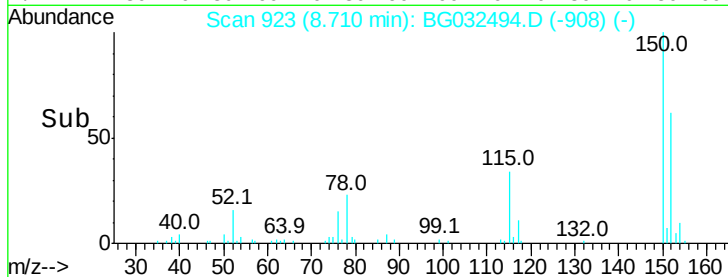
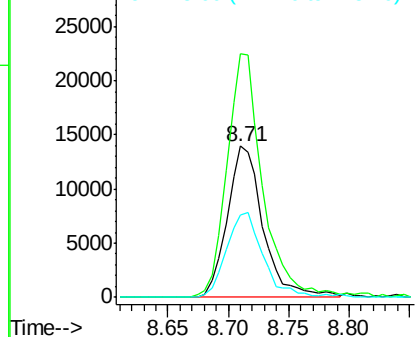
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032494.D
Acq: 1 Feb 2018 17:51

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 28737
Ion Ratio Lower Upper
152 100
150 161.3 126.6 189.8
115 54.2 53.0 79.4



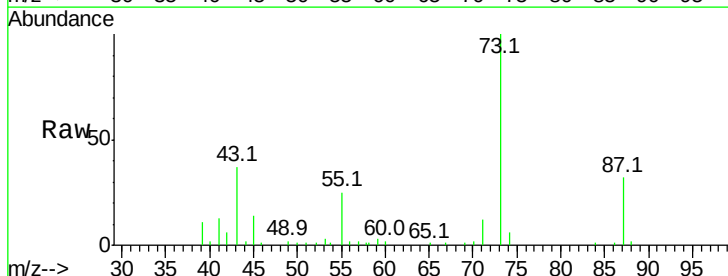
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



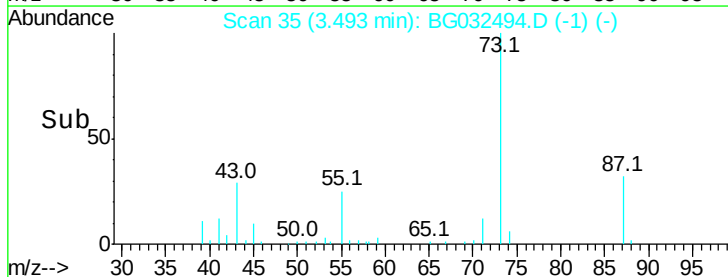
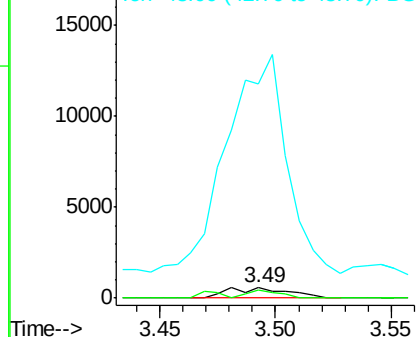
#2

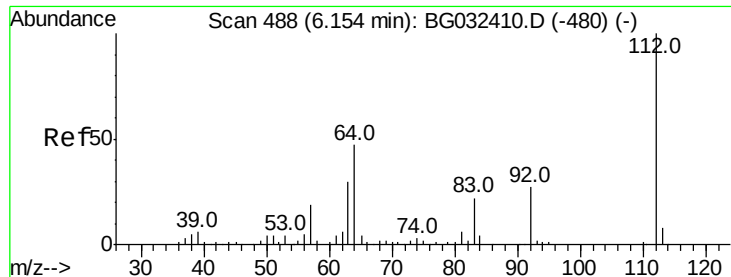
1,4-Dioxane
Concen: 2.175 ng
RT: 3.49 min Scan# 35
Delta R.T. -0.32 min
Lab File: BG032494.D
Acq: 1 Feb 2018 17:51

Tgt Ion: 88 Resp: 1047
Ion Ratio Lower Upper
88 100
58 40.8 79.6 119.4#
43 2082.3 27.4 41.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 127.441 ng

RT: 6.15 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG032494.D

Acq: 1 Feb 2018 17:51

Instrument :

BNA_G

ClientSampleId :

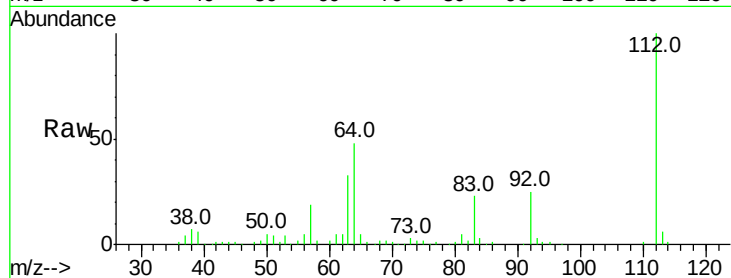
Tot Ion:112 Resp: 182333

Ion Ratio Lower Upper

112 100

64 47.9 56.3 84.5#

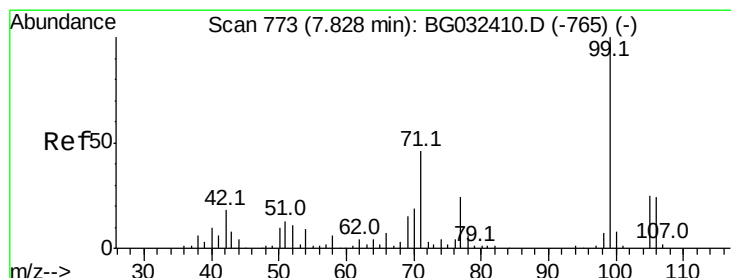
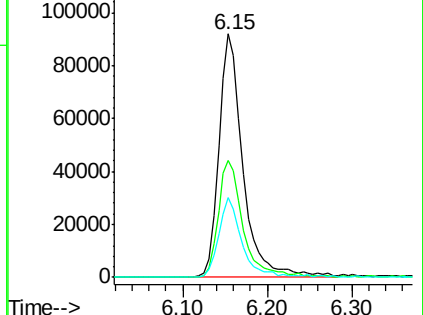
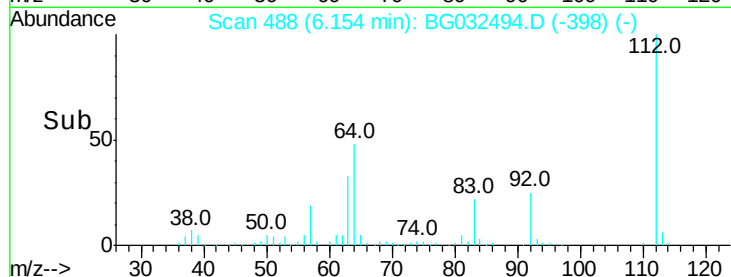
63 32.8 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 109.221 ng

RT: 7.83 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032494.D

Acq: 1 Feb 2018 17:51

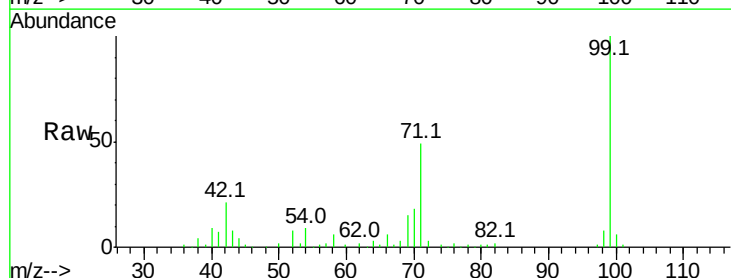
Tgt Ion: 99 Resp: 208524

Ion Ratio Lower Upper

99 100

42 21.0 14.1 21.1

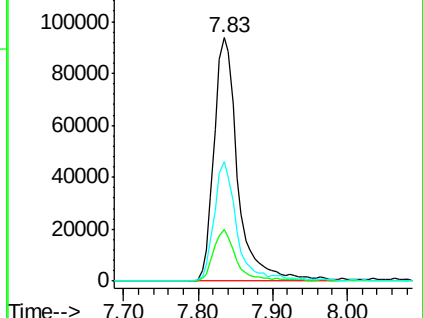
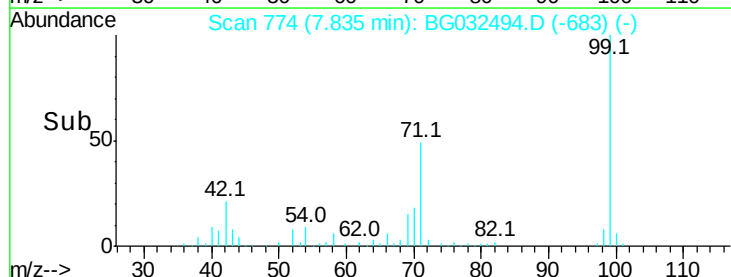
71 49.0 26.1 39.1#

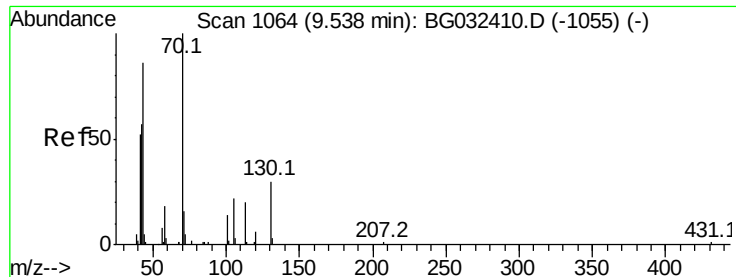


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

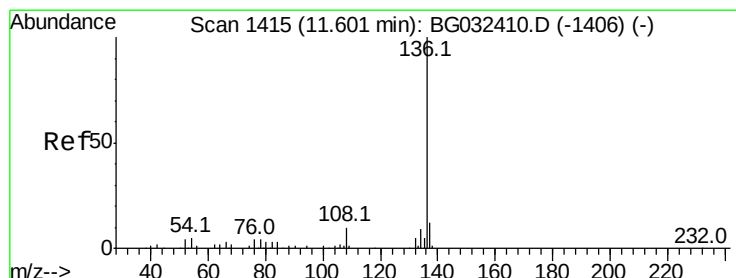
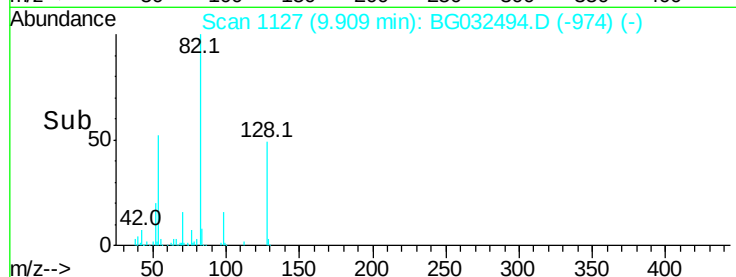
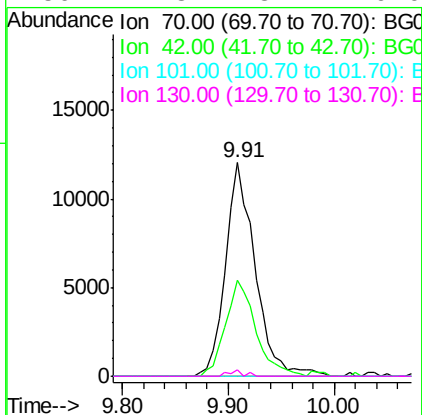
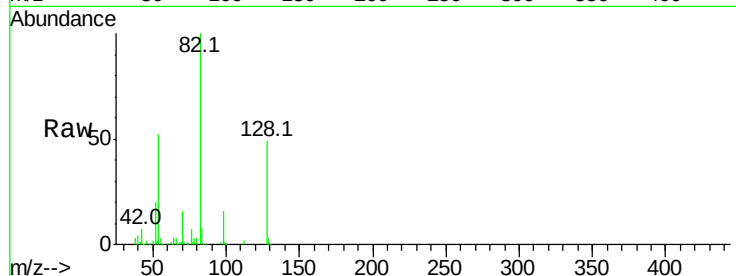




#19
n-Nitroso-di-n-propylamine
Concen: 18.436 ng
RT: 9.91 min Scan# 1127
Delta R.T. 0.37 min
Lab File: BG032494.D
Acq: 1 Feb 2018 17:51

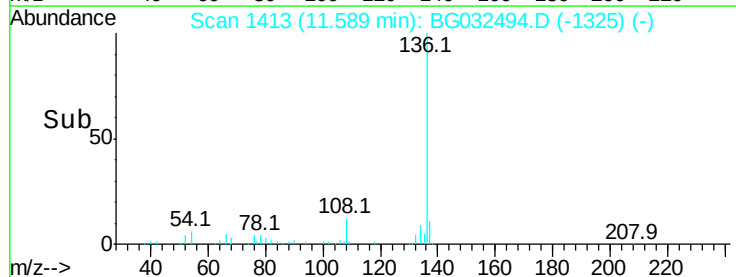
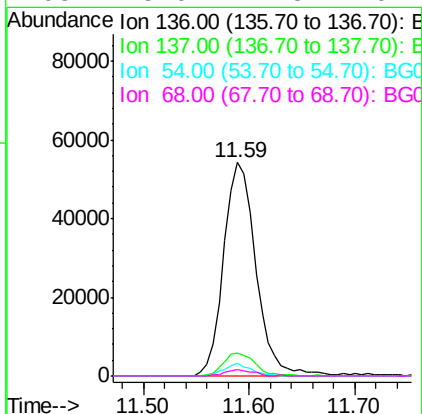
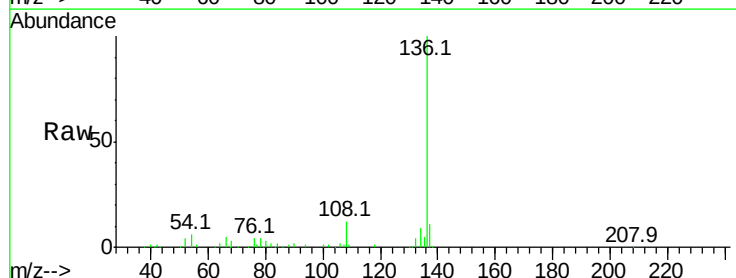
Instrument :
BNA_G
ClientSampleId :

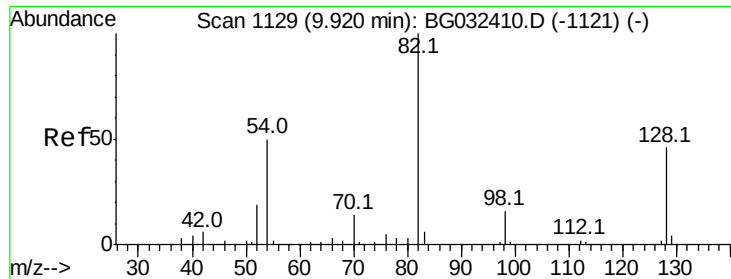
Tot Ion: 70 Resp: 23338
Ion Ratio Lower Upper
70 100
42 44.7 49.1 73.7#
101 0.0 8.5 12.7#
130 2.8 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG032494.D
Acq: 1 Feb 2018 17:51

Tgt Ion: 136 Resp: 114732
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 5.9 10.3 15.5#
68 3.0 4.5 6.7#

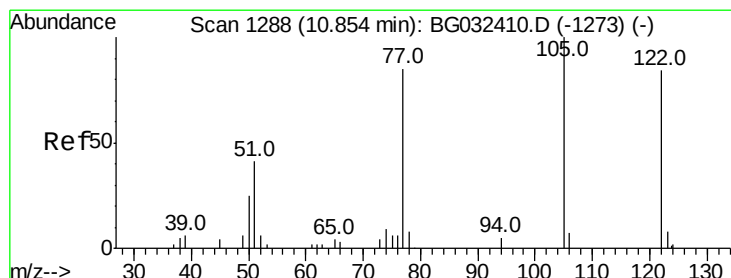
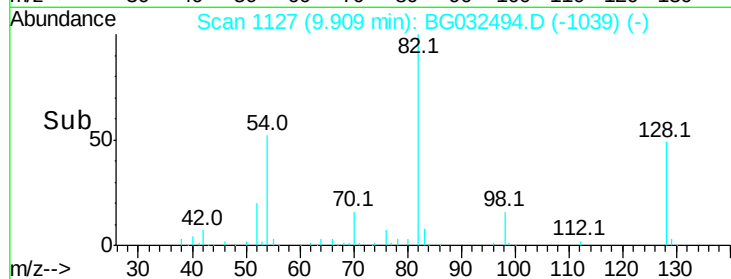
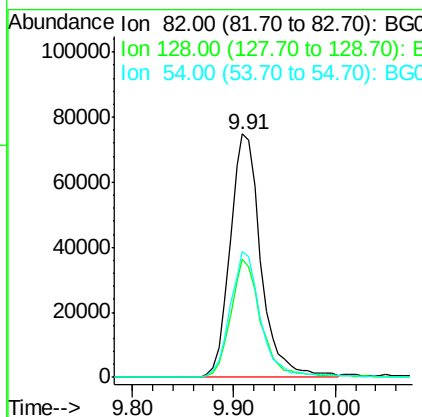
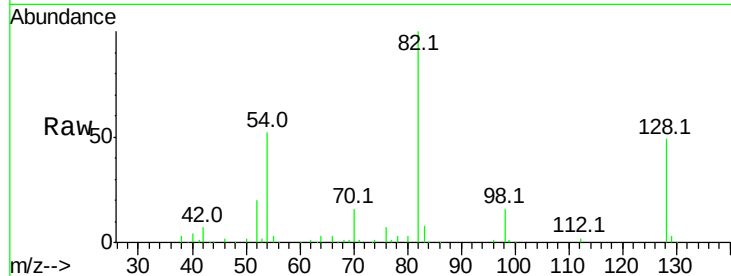




#23
 Nitrobenzene-d5
 Concen: 85.901 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BG032494.D
 Acq: 1 Feb 2018 17:51

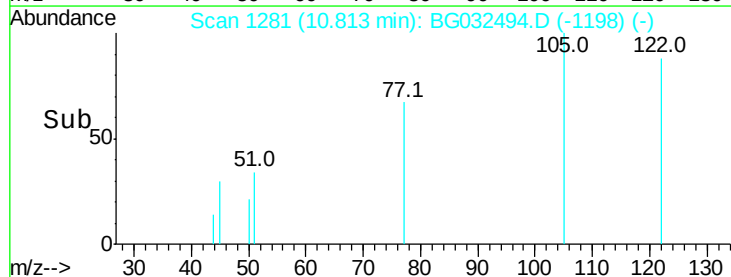
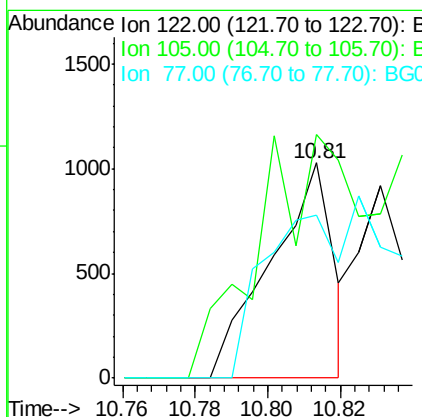
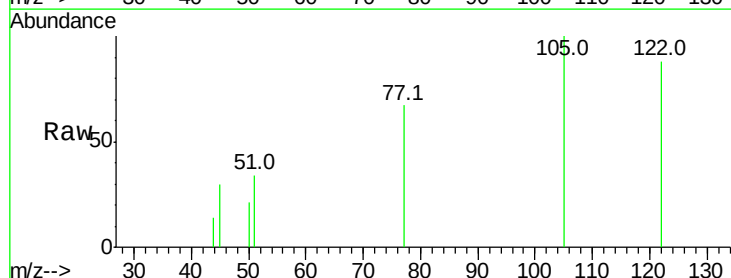
Instrument :
 BNA_G
 ClientSampleId :

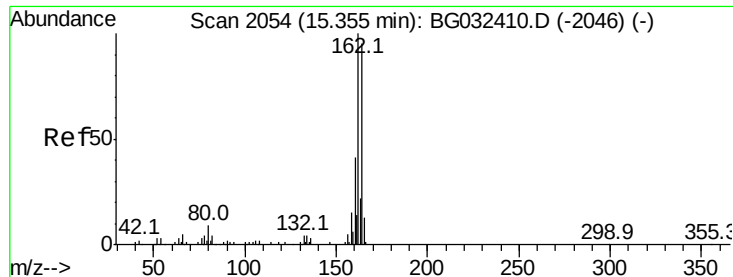
Tot Ion: 82 Resp: 157789
 Ion Ratio Lower Upper
 82 100
 128 48.6 29.7 44.5#
 54 51.6 43.1 64.7



#32
 Benzoic acid
 Concen: 8.190 ng
 RT: 10.81 min Scan# 1281
 Delta R.T. -0.04 min
 Lab File: BG032494.D
 Acq: 1 Feb 2018 17:51

Tgt Ion: 122 Resp: 1229
 Ion Ratio Lower Upper
 122 100
 105 113.1 123.5 163.5#
 77 75.5 85.7 125.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.34 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG032494.D

Acq: 1 Feb 2018 17:51

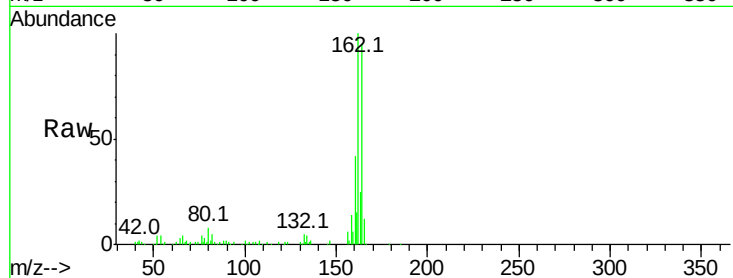
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 80032

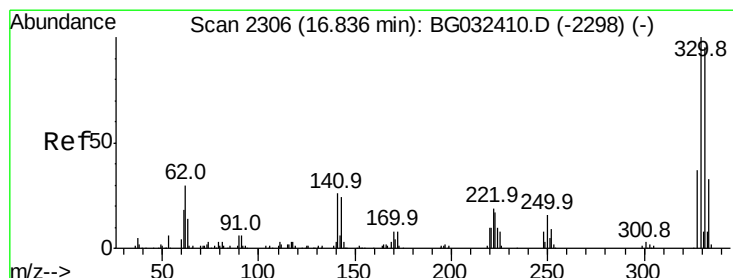
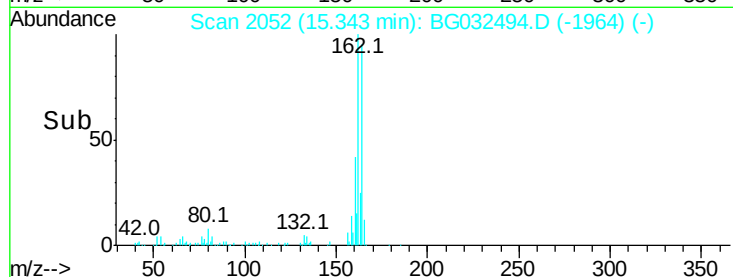
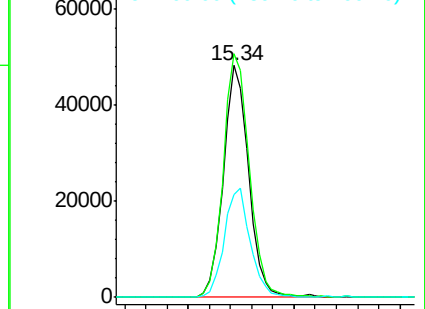
Ion	Ratio	Lower	Upper
164	100		
162	105.1	78.8	118.2
160	44.1	35.4	53.0



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: 134.647 ng

RT: 16.82 min Scan# 2304

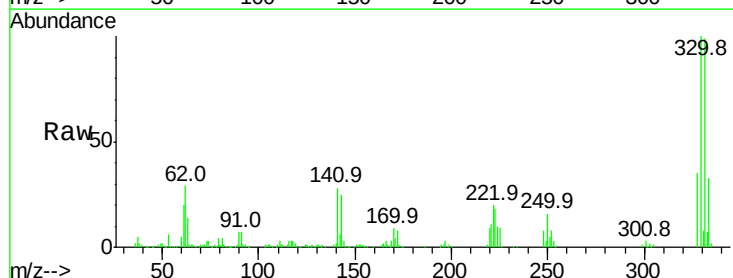
Delta R.T. -0.01 min

Lab File: BG032494.D

Acq: 1 Feb 2018 17:51

Tgt Ion:330 Resp: 205123

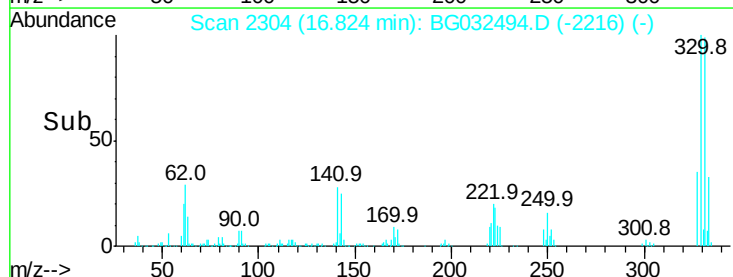
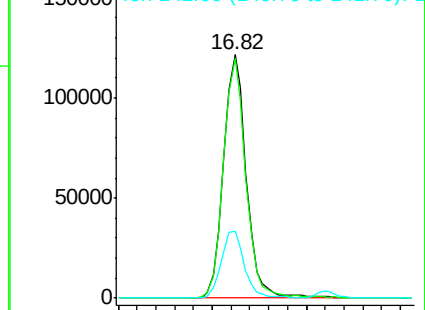
Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	28.1	25.2	37.8

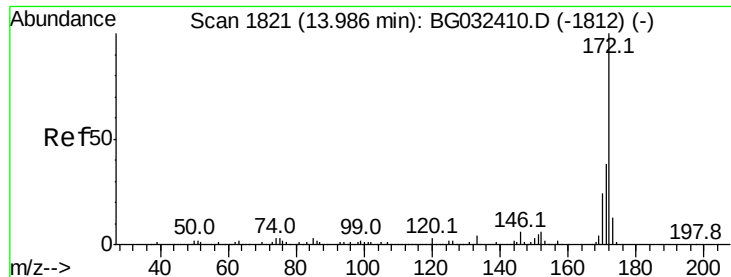


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

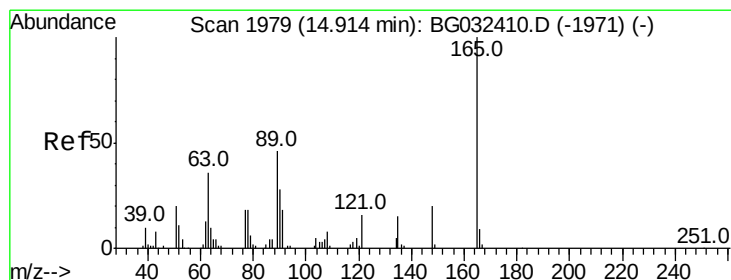
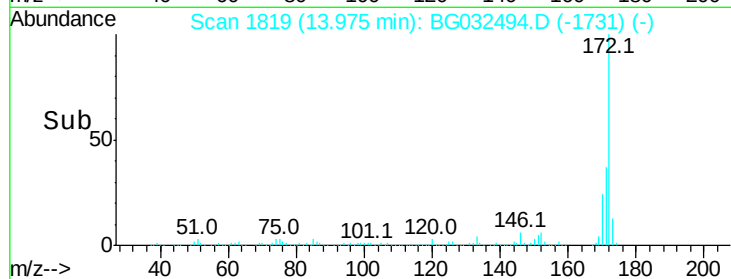
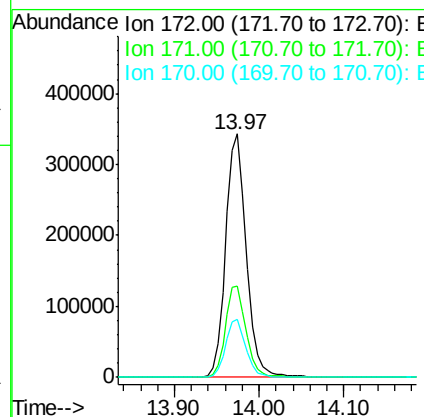
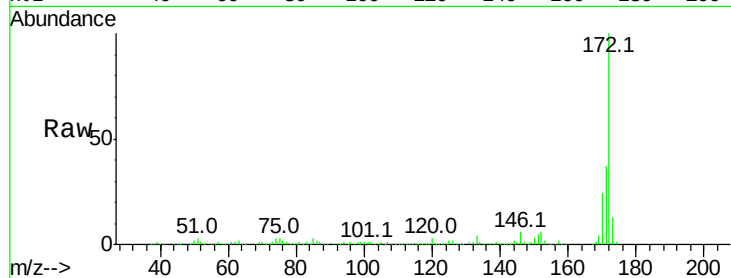




#44
 2-Fluorobiphenyl
 Concen: 86.129 ng
 RT: 13.97 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BG032494.D
 Acq: 1 Feb 2018 17:51

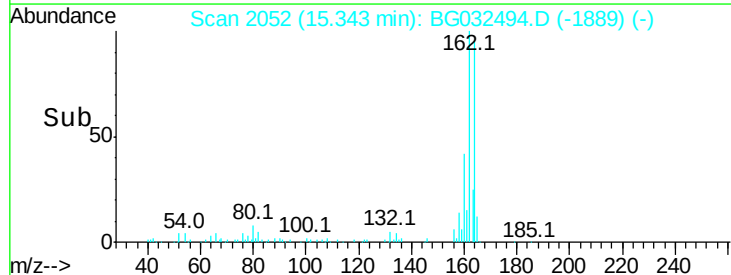
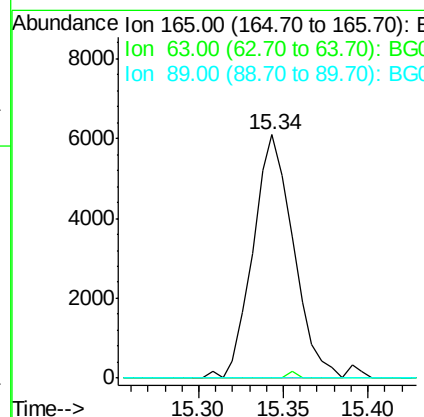
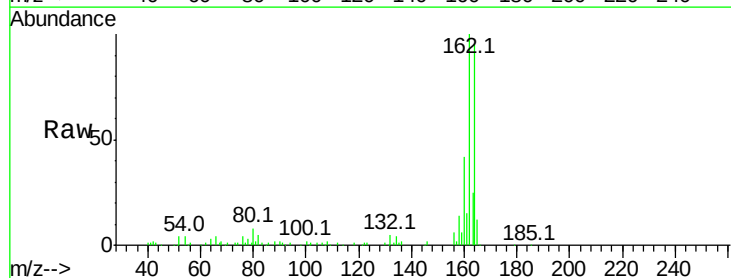
Instrument :
 BNA_G
 ClientSampleId :

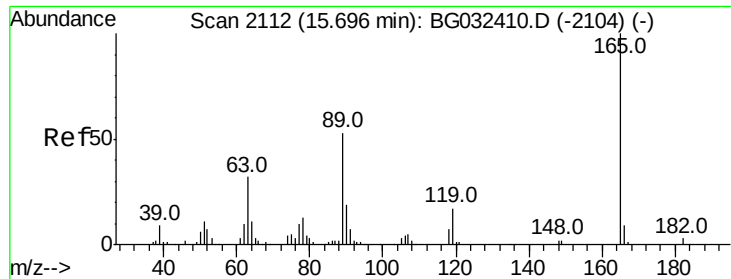
Tot Ion:172 Resp: 579947
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.0 45.0
 170 23.8 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 6.531 ng
 RT: 15.34 min Scan# 2052
 Delta R.T. 0.43 min
 Lab File: BG032494.D
 Acq: 1 Feb 2018 17:51

Tgt Ion:165 Resp: 10115
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

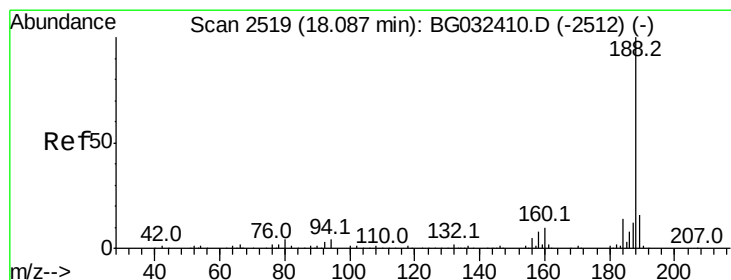
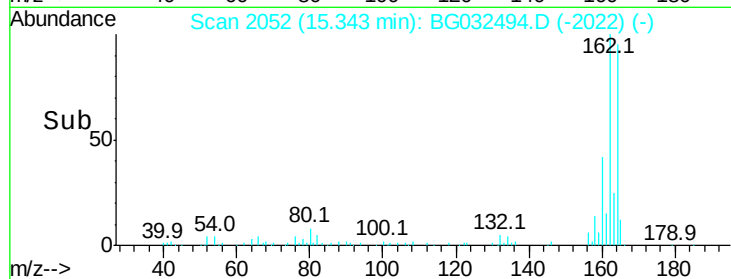
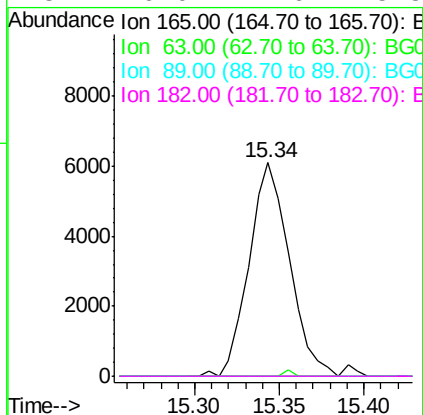
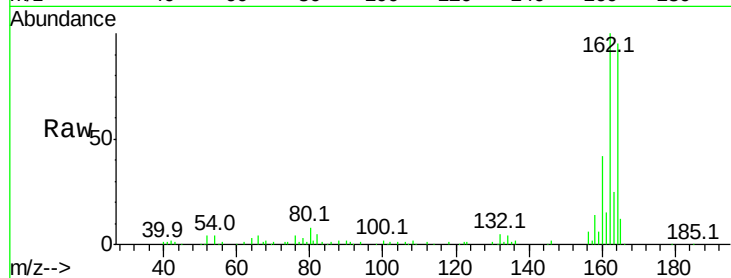




#56
2,4-Dinitrotoluene
Concen: 4.587 ng
RT: 15.34 min Scan# 2052
Delta R.T. -0.35 min
Lab File: BG032494.D
Acq: 1 Feb 2018 17:51

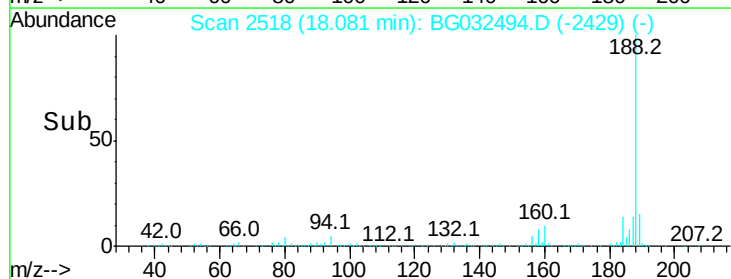
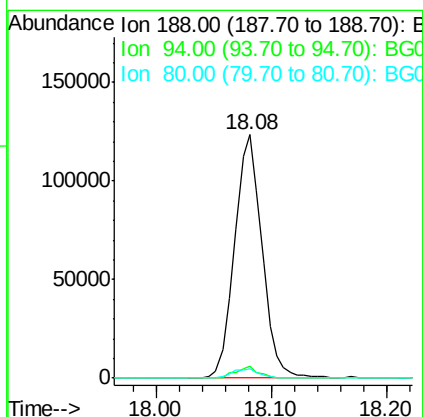
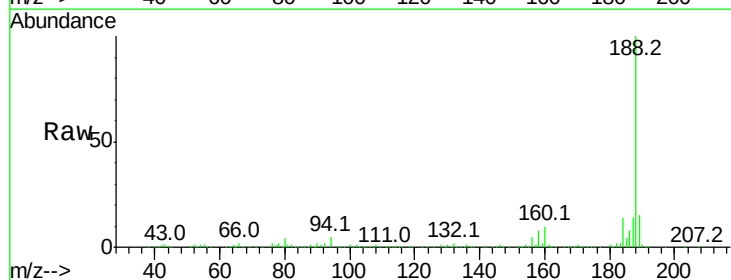
Instrument :
BNA_G
ClientSampleId :

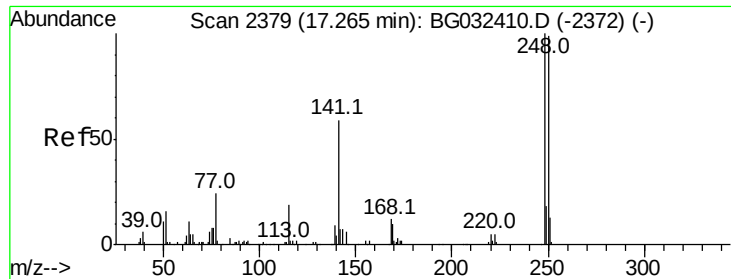
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2518
Delta R.T. -0.01 min
Lab File: BG032494.D
Acq: 1 Feb 2018 17:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.7	6.9	10.3#
80	4.1	7.7	11.5#

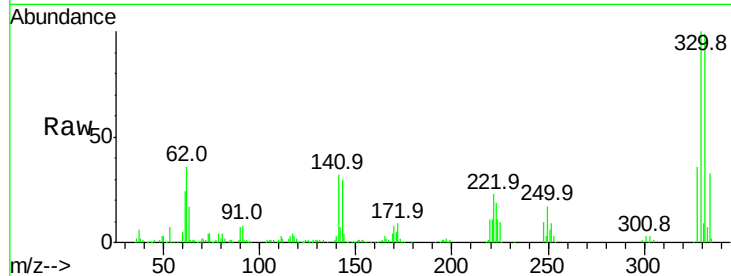




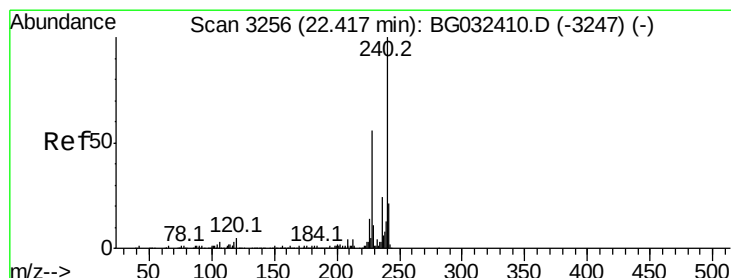
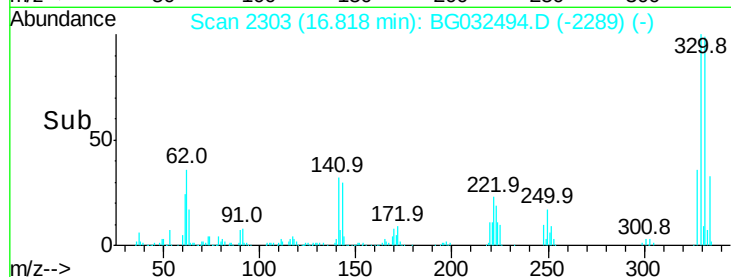
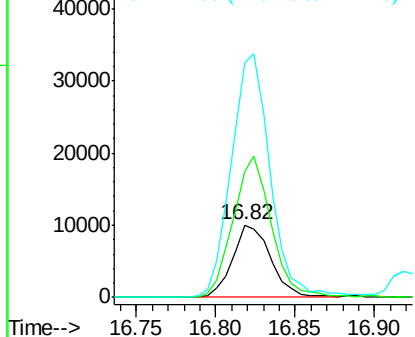
#66
4-Bromophenyl-phenylether
Concen: 5.597 ng
RT: 16.82 min Scan# 2303
Delta R.T. -0.45 min
Lab File: BG032494.D
Acq: 1 Feb 2018 17:51

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 16798
Ion Ratio Lower Upper
248 100
250 173.3 77.1 115.7#
141 324.0 50.8 76.2#

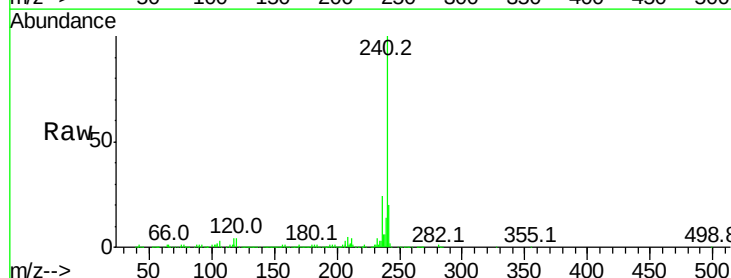


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

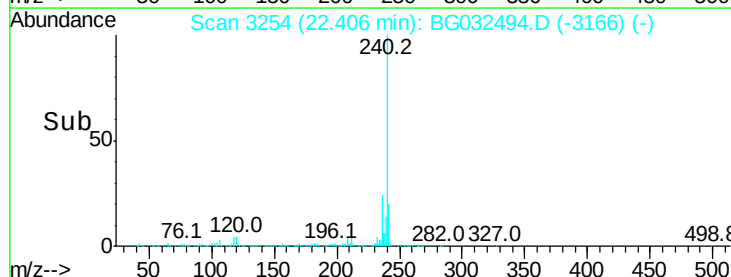
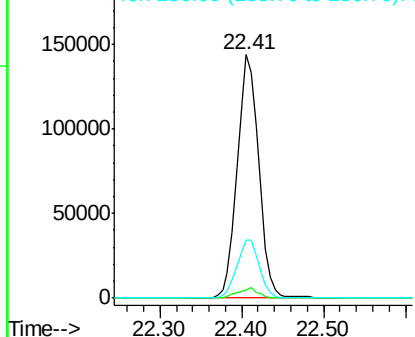


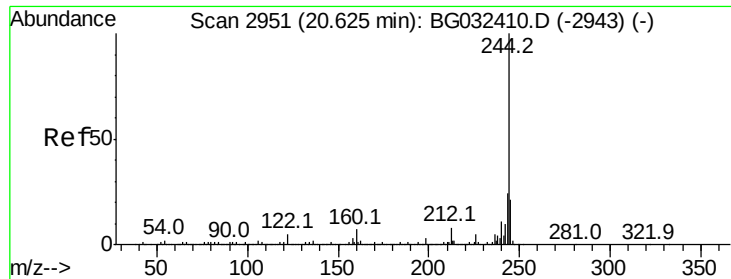
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BG032494.D
Acq: 1 Feb 2018 17:51

Tgt Ion:240 Resp: 262688
Ion Ratio Lower Upper
240 100
120 3.5 6.8 10.2#
236 24.1 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: 88.434 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.01 min

Lab File: BG032494.D

Acq: 1 Feb 2018 17:51

Instrument :

BNA_G

ClientSampled :

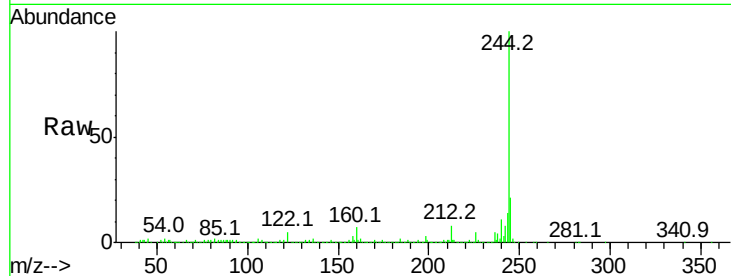
Tot Ion:244 Resp: 1084479

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

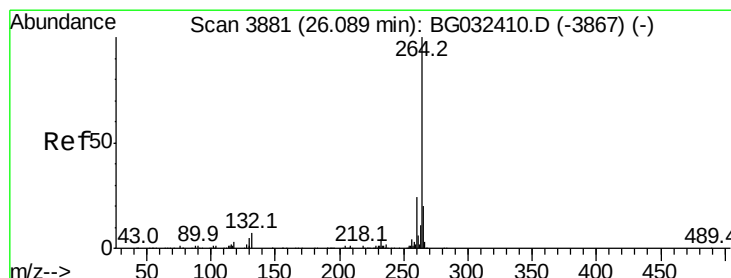
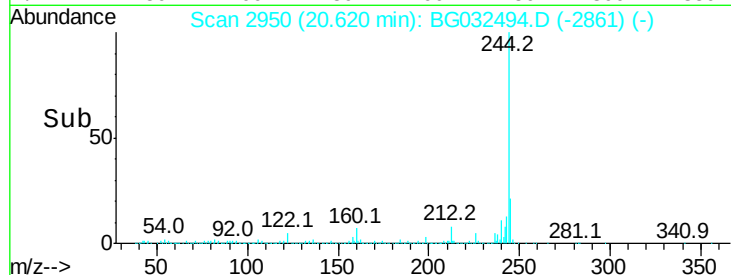
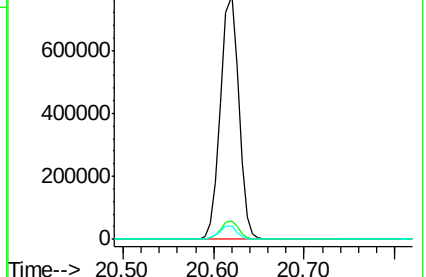
122 5.2 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 26.08 min Scan# 3880

Delta R.T. -0.01 min

Lab File: BG032494.D

Acq: 1 Feb 2018 17:51

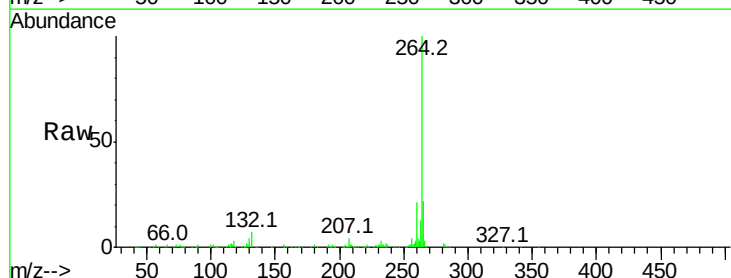
Tgt Ion:264 Resp: 285479

Ion Ratio Lower Upper

264 100

260 21.3 17.4 26.0

265 22.5 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

