

Data Path : U:\HPCHEM1\BNA G\DATA\BG020218\
 Data File : BG032511.D
 Acq On : 2 Feb 2018 14:29
 Operator : SJ/JU
 Sample : J1430-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 02 21:49:53 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

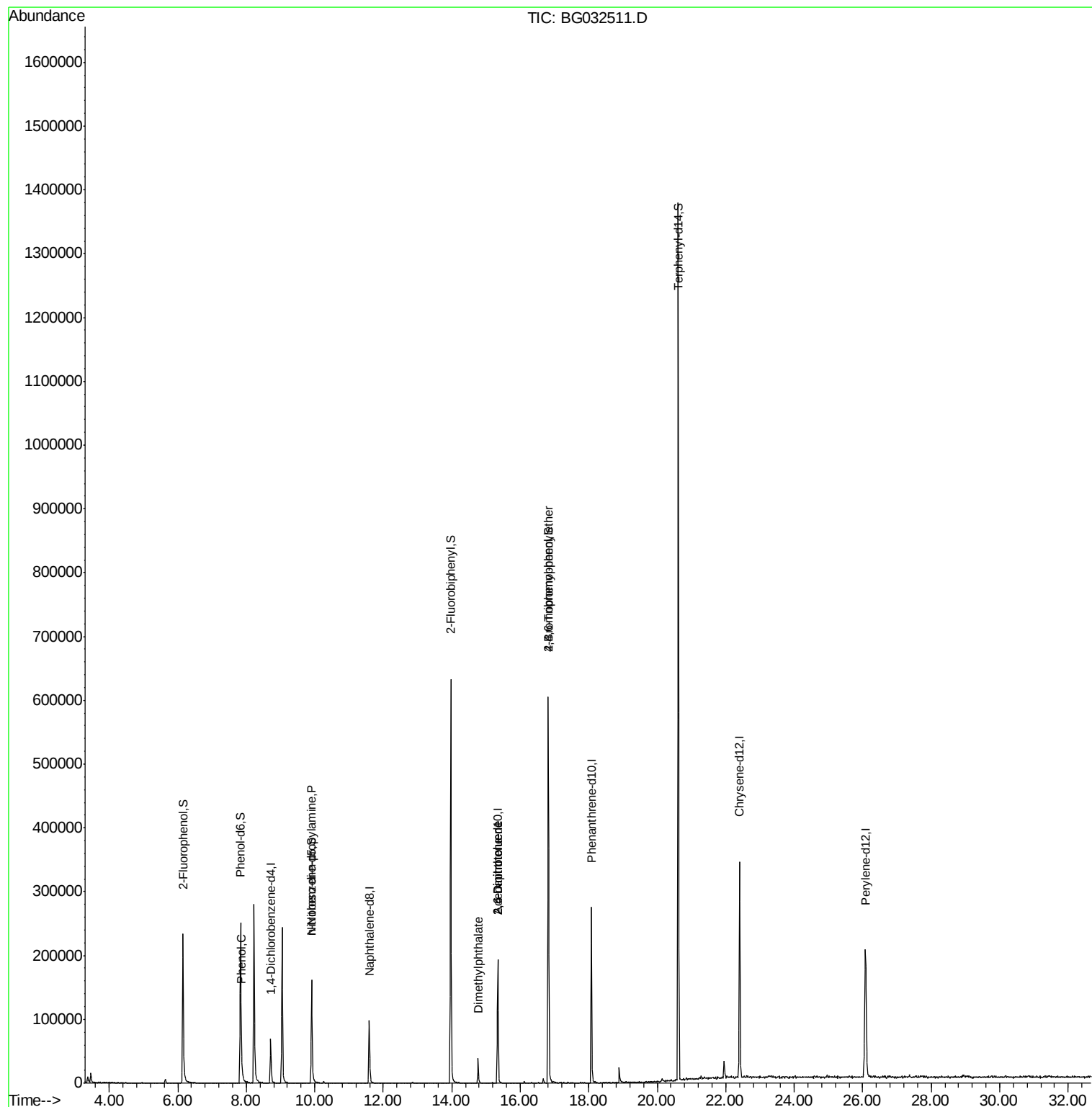
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	27054	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	109593	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	79716	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	205664	20.00	ng	-0.01
75) Chrysene-d12	22.41	240	265995	20.00	ng	-0.01
86) Perylene-d12	26.08	264	283303	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	137156	101.83	ng	0.00
7) Phenol-d6	7.83	99	178725	99.44	ng	0.00
23) Nitrobenzene-d5	9.91	82	113698	64.80	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	149472	98.51	ng	-0.02
44) 2-Fluorobiphenyl	13.97	172	404551	60.32	ng	-0.02
78) Terphenyl-d14	20.62	244	739453	59.55	ng	-0.01
Target Compounds						
10) Phenol	7.86	94	6453	3.781	ng	# 60
19) n-Nitroso-di-n-propylamine	9.92	70	16907	14.187	ng	# 75
49) Dimethylphthalate	14.77	163	32606	4.436	ng	# 97
50) 2,6-Dinitrotoluene	15.34	165	10579	6.857	ng	# 18
56) 2,4-Dinitrotoluene	15.34	165	10579	4.816	ng	# 16
66) 4-Bromophenyl-phenylether	16.82	248	12235	4.016	ng	# 1

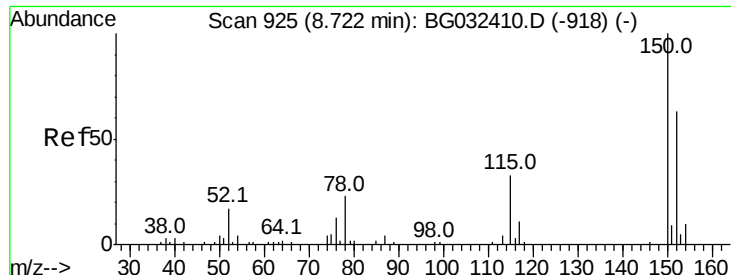
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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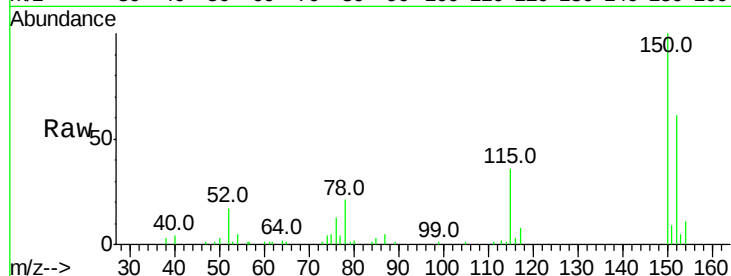


#1

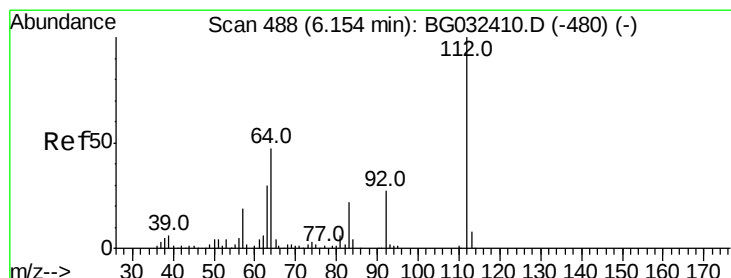
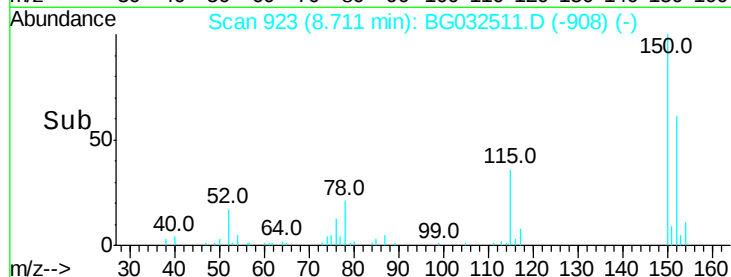
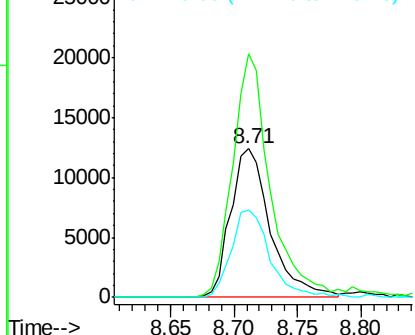
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032511.D
Acq: 2 Feb 2018 14:29

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 27054
Ion Ratio Lower Upper
152 100
150 163.9 126.6 189.8
115 58.7 53.0 79.4



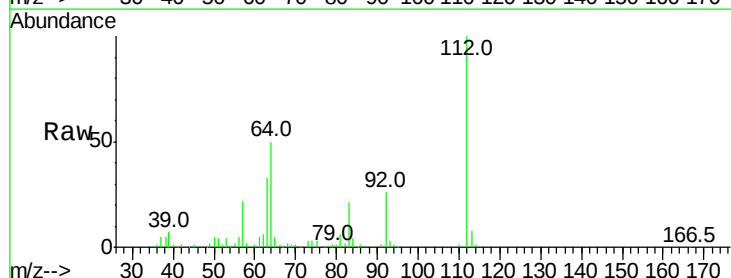
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



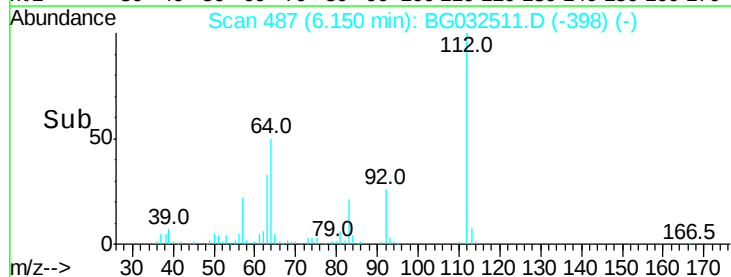
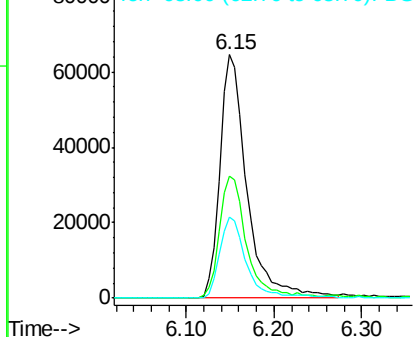
#5

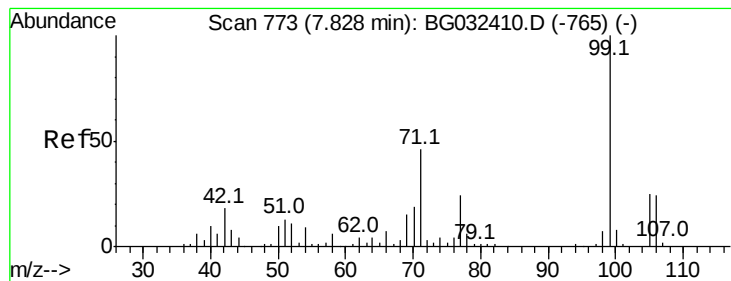
2-Fluorophenol
Concen: 101.828 ng
RT: 6.15 min Scan# 487
Delta R.T. -0.00 min
Lab File: BG032511.D
Acq: 2 Feb 2018 14:29

Tgt Ion:112 Resp: 137156
Ion Ratio Lower Upper
112 100
64 50.2 56.3 84.5#
63 33.4 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: 99.437 ng

RT: 7.83 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG032511.D

Acq: 2 Feb 2018 14:29

Instrument :

BNA_G

ClientSampleId :

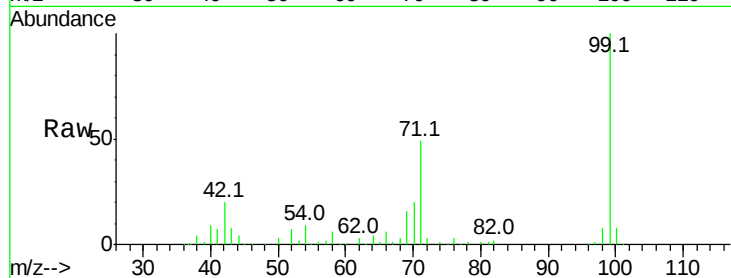
Tot Ion: 99 Resp: 178725

Ion Ratio Lower Upper

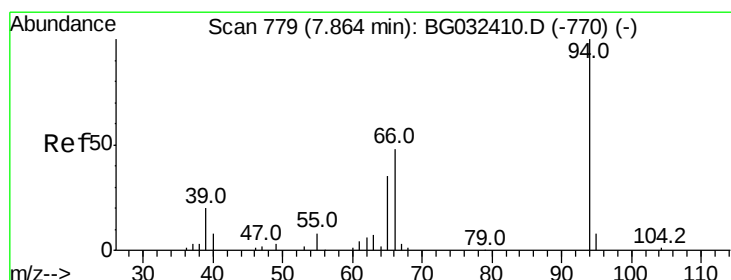
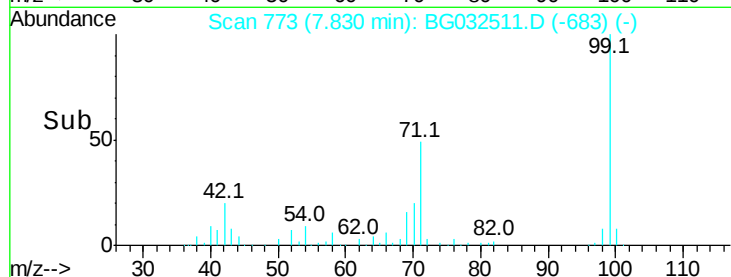
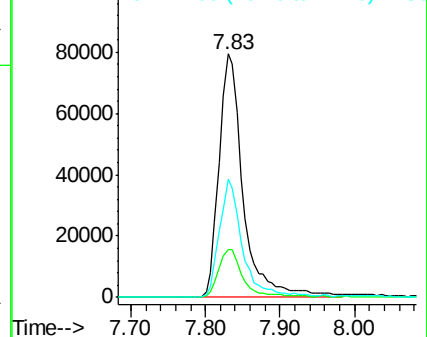
99 100

42 19.6 14.1 21.1

71 48.6 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



#10

Phenol

Concen: 3.781 ng

RT: 7.86 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG032511.D

Acq: 2 Feb 2018 14:29

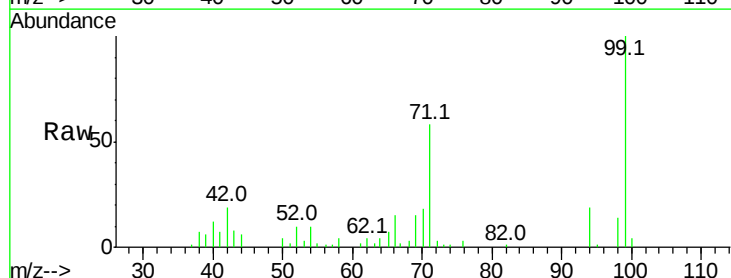
Tgt Ion: 94 Resp: 6453

Ion Ratio Lower Upper

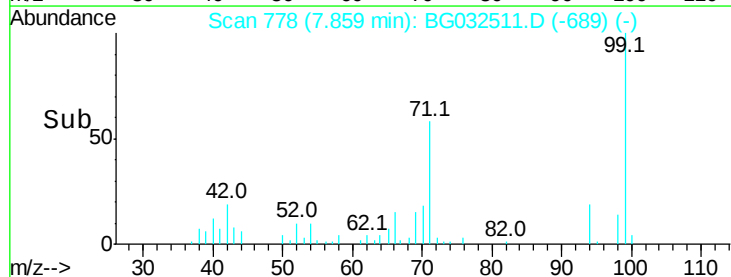
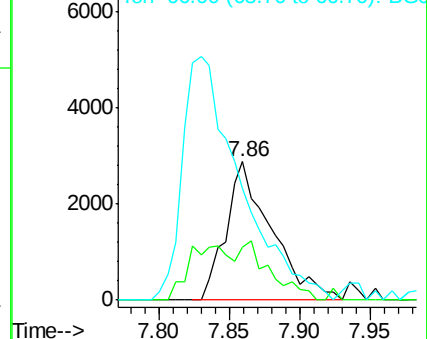
94 100

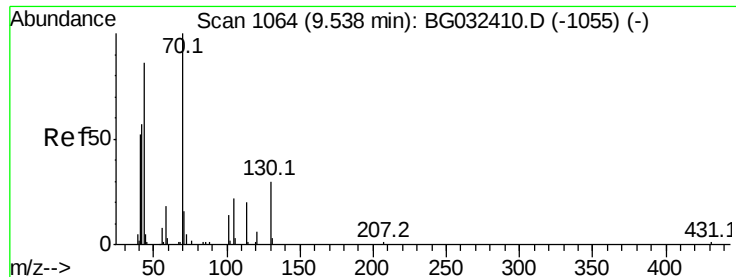
65 38.1 11.9 51.9

66 81.0 22.2 62.2#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

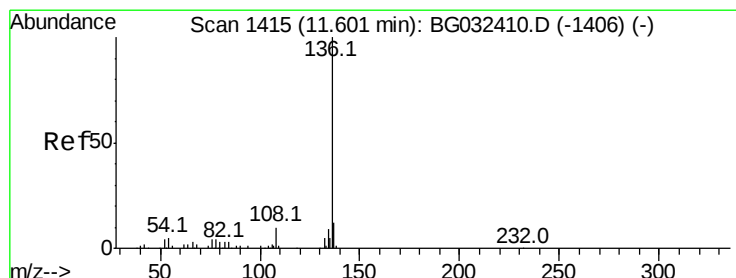
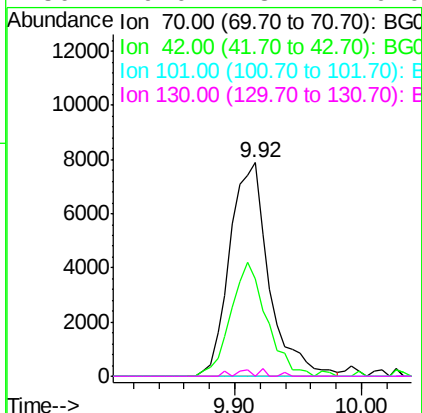
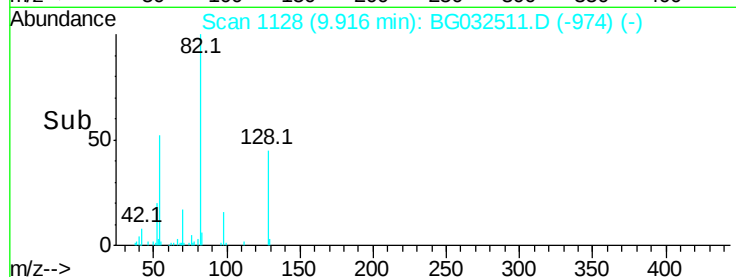
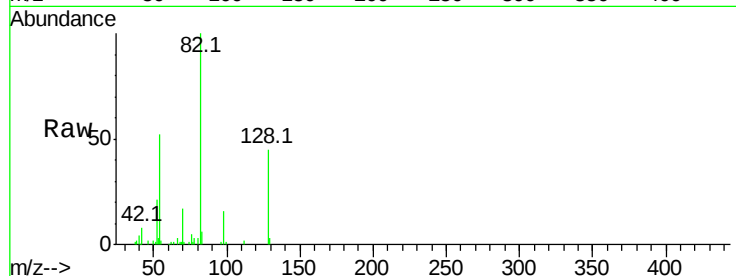




#19
n-Nitroso-di-n-propylamine
Concen: 14.187 ng
RT: 9.92 min Scan# 1128
Delta R.T. 0.38 min
Lab File: BG032511.D
Acq: 2 Feb 2018 14:29

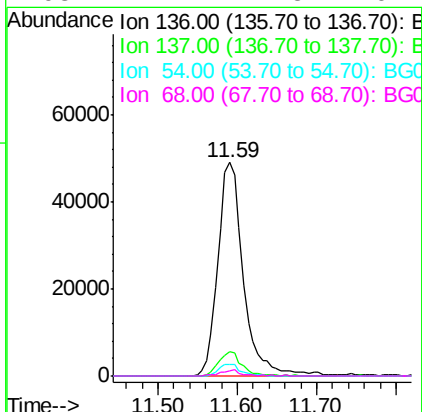
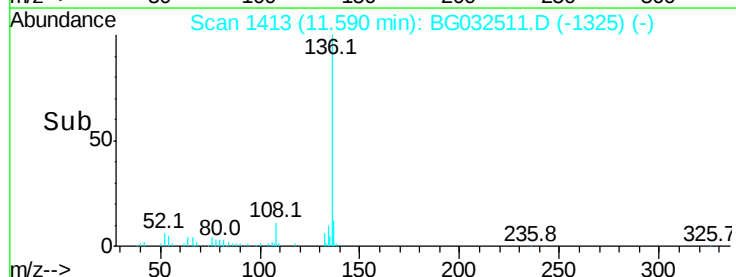
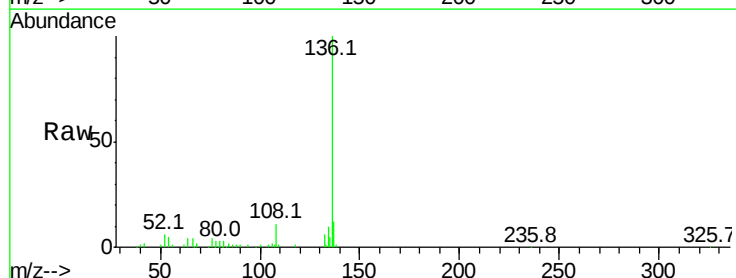
Instrument :
BNA_G
ClientSampleId :

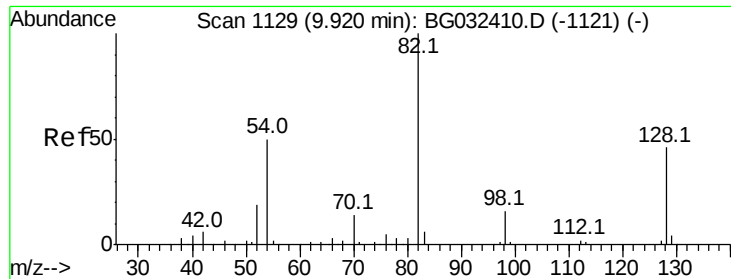
Tot Ion: 70 Resp: 16907
Ion Ratio Lower Upper
70 100
42 45.7 49.1 73.7#
101 0.0 8.5 12.7#
130 0.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG032511.D
Acq: 2 Feb 2018 14:29

Tgt Ion: 136 Resp: 109593
Ion Ratio Lower Upper
136 100
137 11.7 9.2 13.8
54 5.4 10.3 15.5#
68 2.2 4.5 6.7#

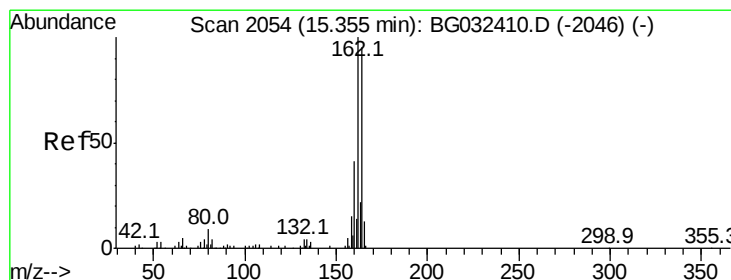
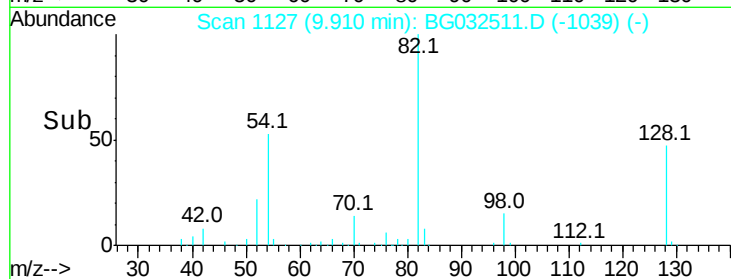
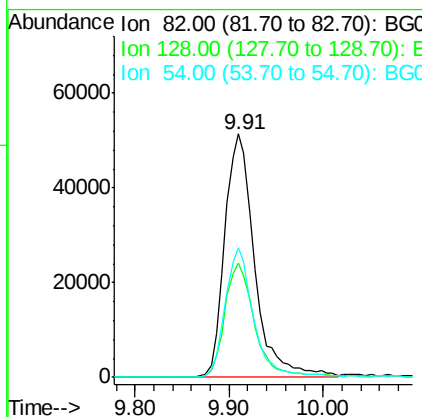
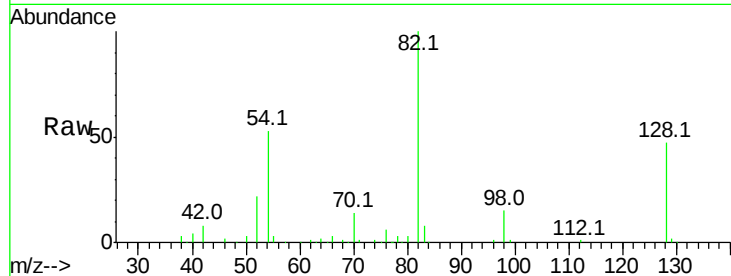




#23
 Nitrobenzene-d5
 Concen: 64.800 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BG032511.D
 Acq: 2 Feb 2018 14:29

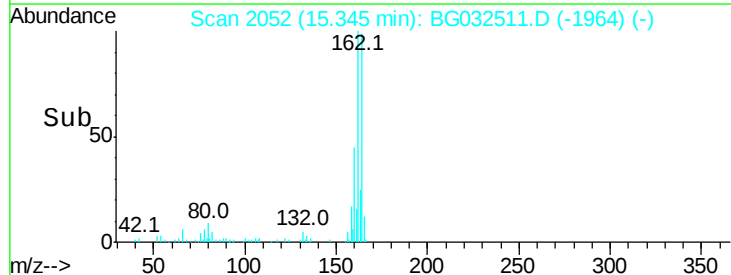
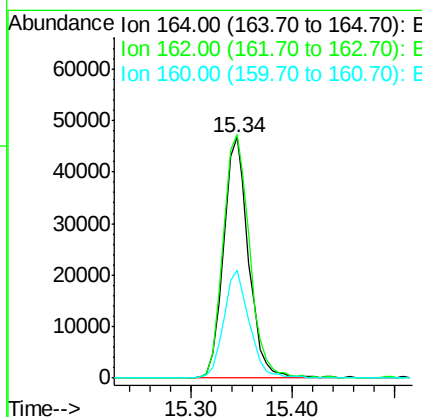
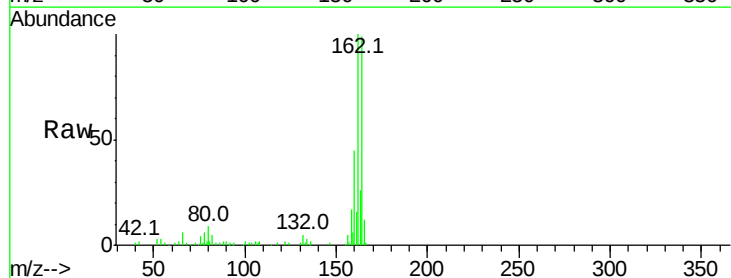
Instrument :
 BNA_G
 ClientSampled :

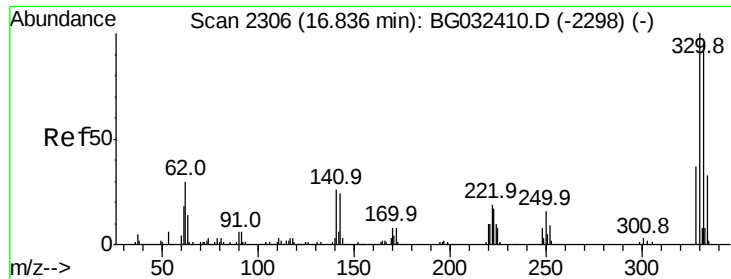
Tot Ion: 82 Resp: 113698
 Ion Ratio Lower Upper
 82 100
 128 47.1 29.7 44.5#
 54 53.4 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BG032511.D
 Acq: 2 Feb 2018 14:29

Tgt Ion:164 Resp: 79716
 Ion Ratio Lower Upper
 164 100
 162 101.1 78.8 118.2
 160 45.0 35.4 53.0

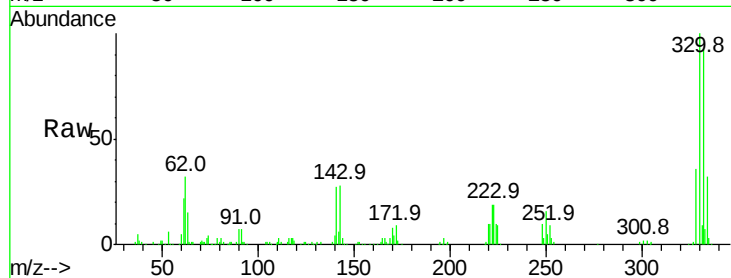




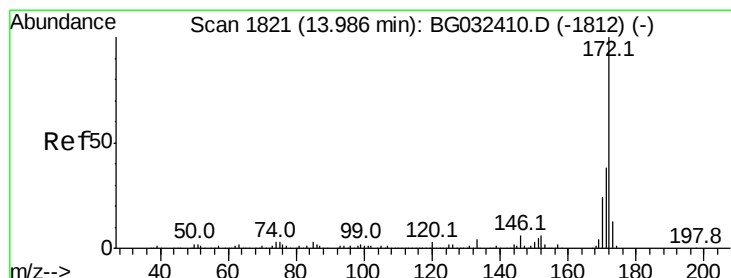
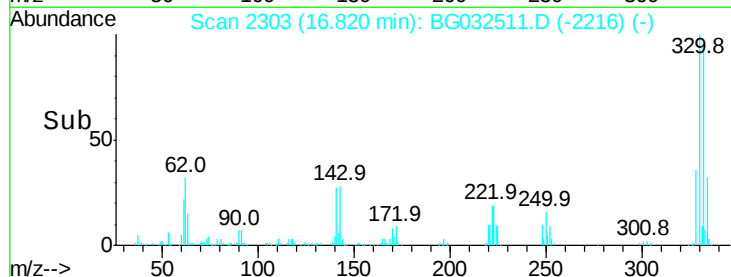
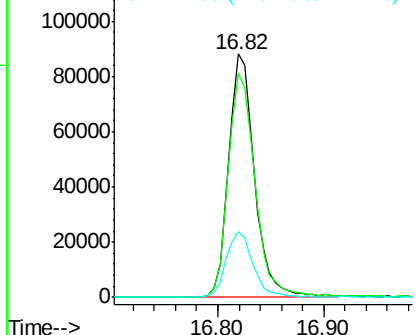
#41
 2,4,6-Tribromophenol
 Concen: 98.506 ng
 RT: 16.82 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: BG032511.D
 Acq: 2 Feb 2018 14:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 149472
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 28.0 25.2 37.8

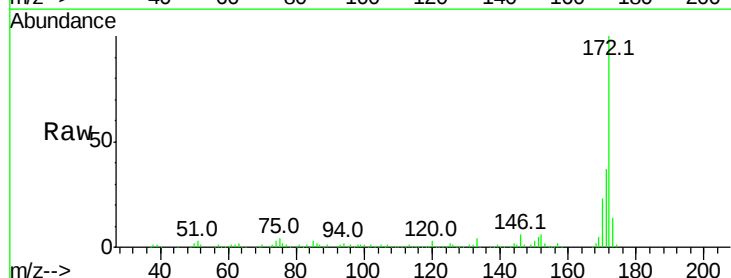


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

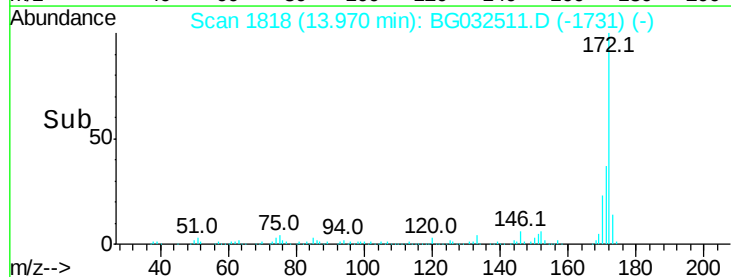
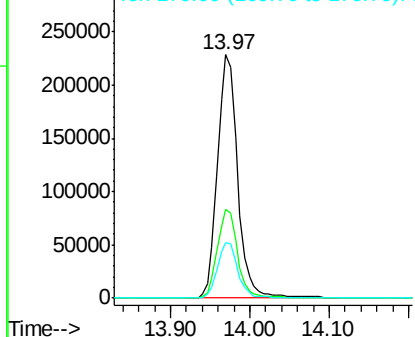


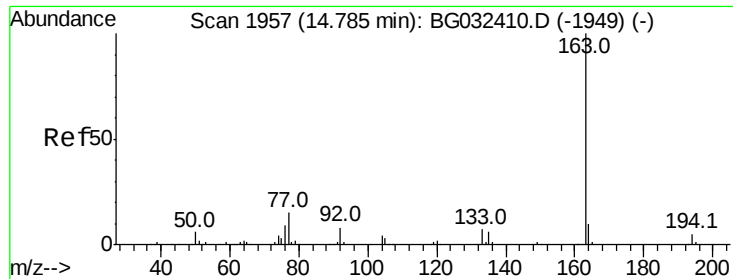
#44
 2-Fluorobiphenyl
 Concen: 60.319 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BG032511.D
 Acq: 2 Feb 2018 14:29

Tgt Ion:172 Resp: 404551
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.0 45.0
 170 22.9 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

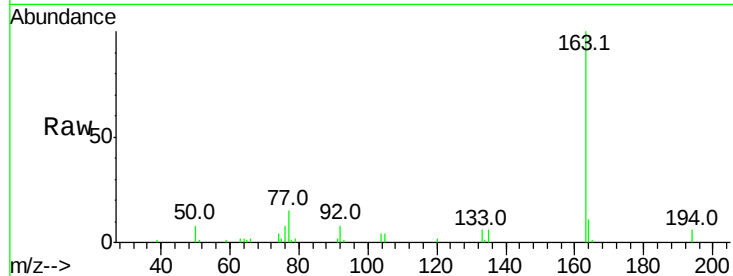




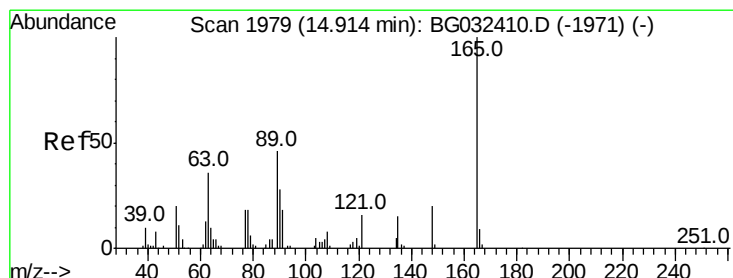
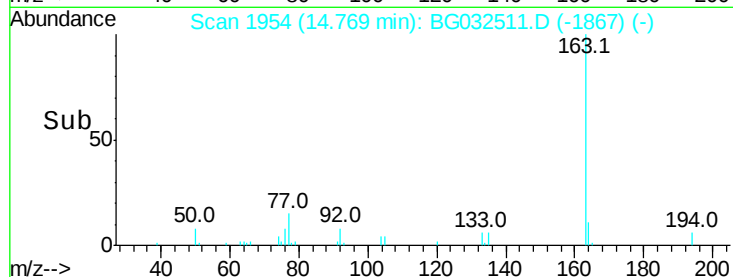
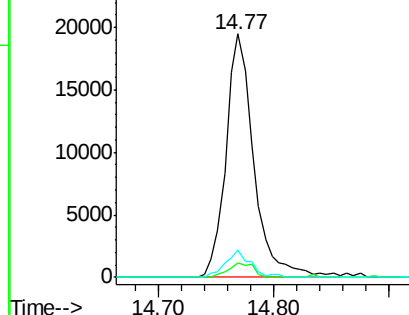
#49
Dimethylphthalate
Concen: 4.436 ng
RT: 14.77 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BG032511.D
Acq: 2 Feb 2018 14:29

Instrument :
BNA_G
ClientSampled :

Tot Ion:163 Resp: 32606
Ion Ratio Lower Upper
163 100
194 5.9 3.4 5.2#
164 11.3 8.2 12.4

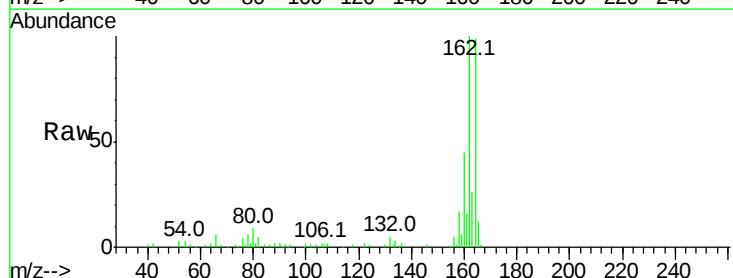


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

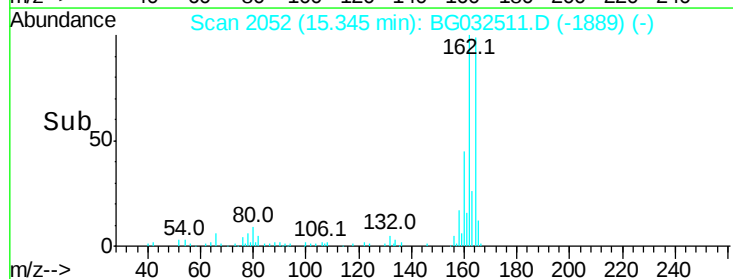
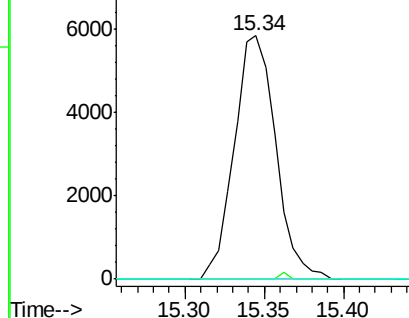


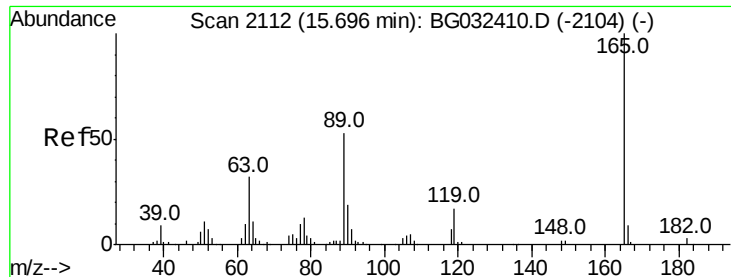
#50
2,6-Dinitrotoluene
Concen: 6.857 ng
RT: 15.34 min Scan# 2052
Delta R.T. 0.43 min
Lab File: BG032511.D
Acq: 2 Feb 2018 14:29

Tgt Ion:165 Resp: 10579
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 0.0 49.2 73.8#



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

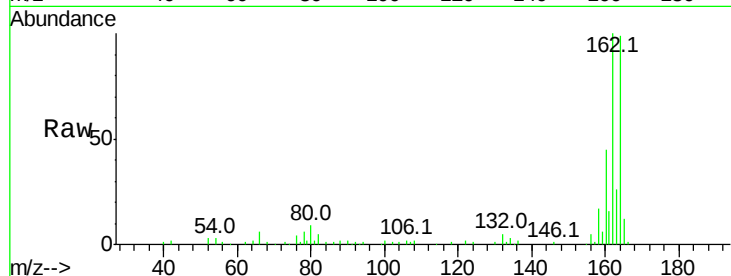




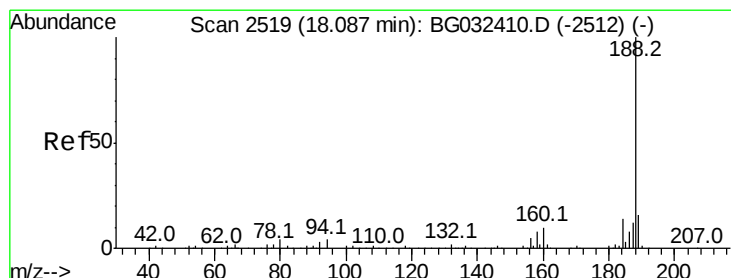
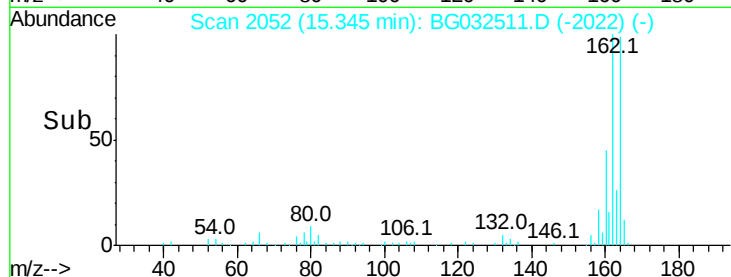
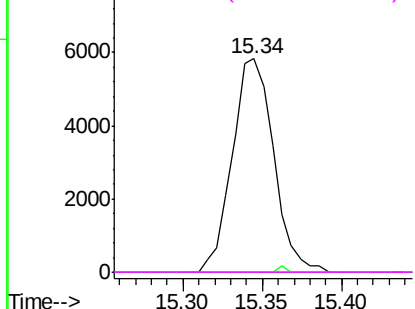
#56
2,4-Dinitrotoluene
Concen: 4.816 ng
RT: 15.34 min Scan# 2052
Delta R.T. -0.35 min
Lab File: BG032511.D
Acq: 2 Feb 2018 14:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 10579
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#

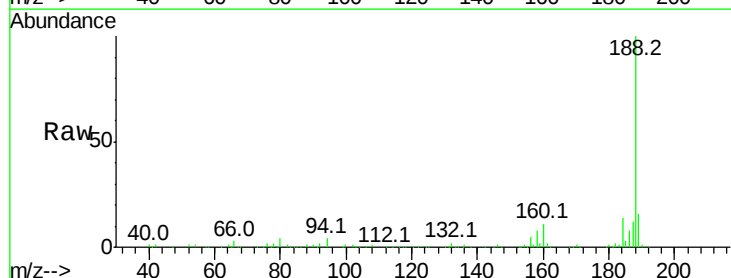


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

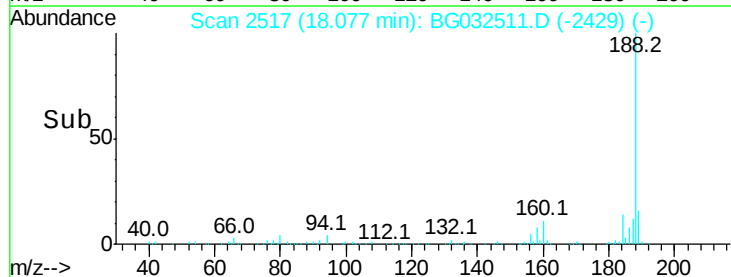
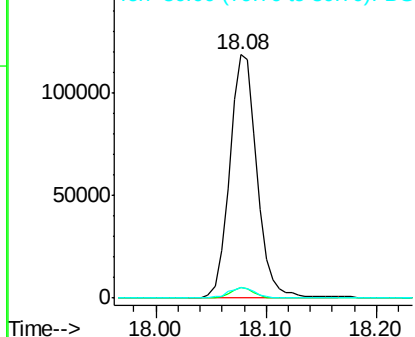


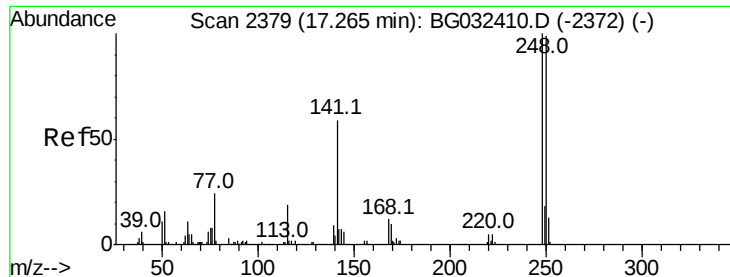
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG032511.D
Acq: 2 Feb 2018 14:29

Tgt Ion:188 Resp: 205664
Ion Ratio Lower Upper
188 100
94 4.2 6.9 10.3#
80 4.2 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

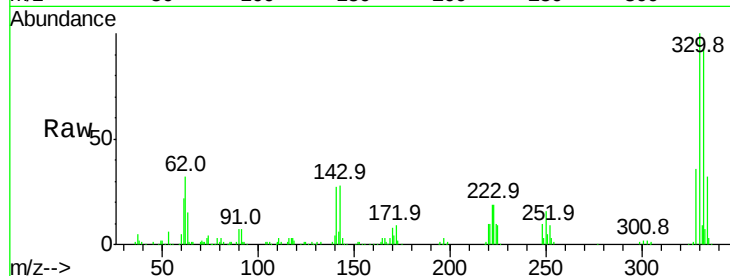




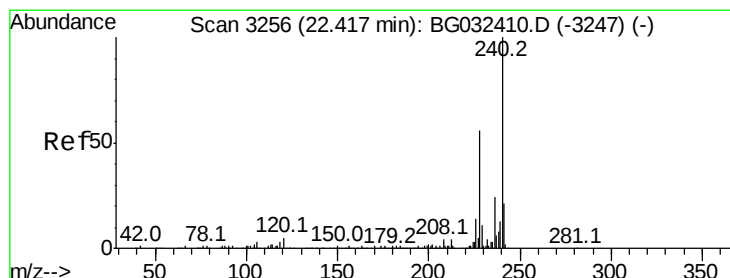
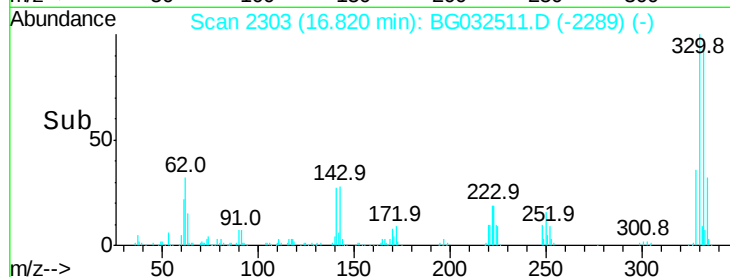
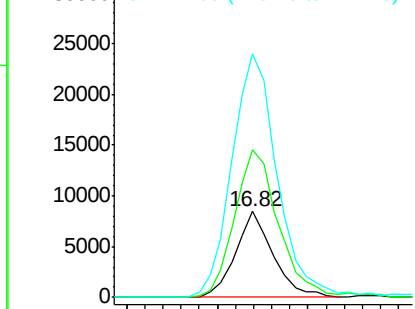
#66
4-Bromophenyl-phenylether
Concen: 4.016 ng
RT: 16.82 min Scan# 2303
Delta R.T. -0.44 min
Lab File: BG032511.D
Acq: 2 Feb 2018 14:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 12235
Ion Ratio Lower Upper
248 100
250 171.8 77.1 115.7#
141 283.8 50.8 76.2#

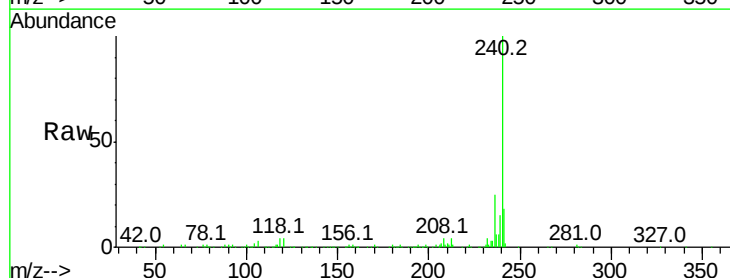


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

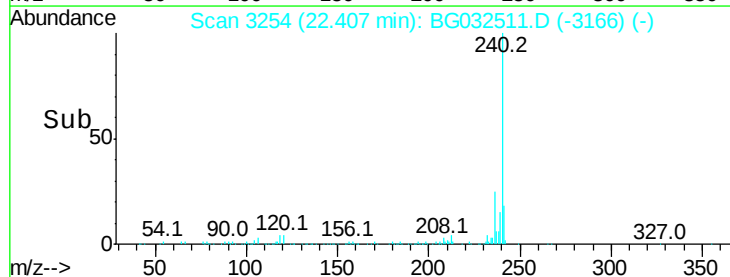
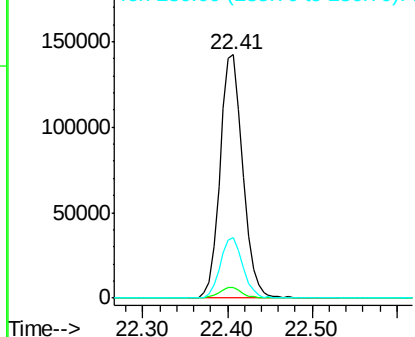


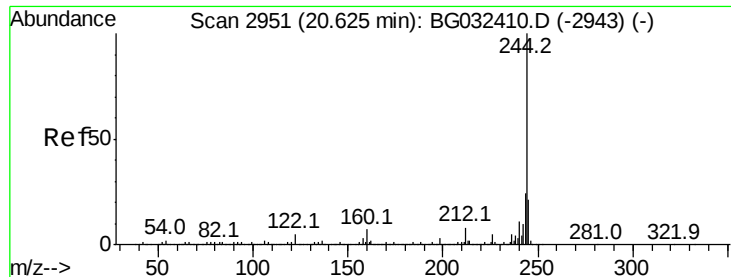
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BG032511.D
Acq: 2 Feb 2018 14:29

Tgt Ion:240 Resp: 265995
Ion Ratio Lower Upper
240 100
120 4.1 6.8 10.2#
236 24.8 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: 59.549 ng

RT: 20.62 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032511.D

Acq: 2 Feb 2018 14:29

Instrument :

BNA_G

ClientSampleId :

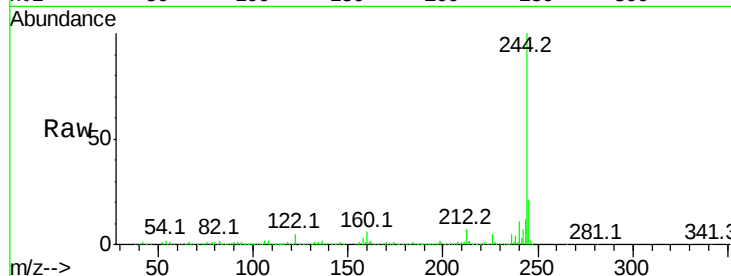
Tot Ion:244 Resp: 739453

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

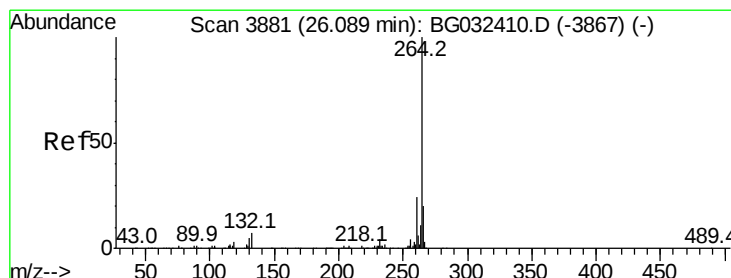
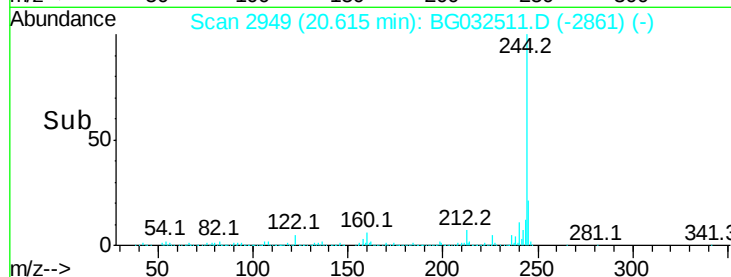
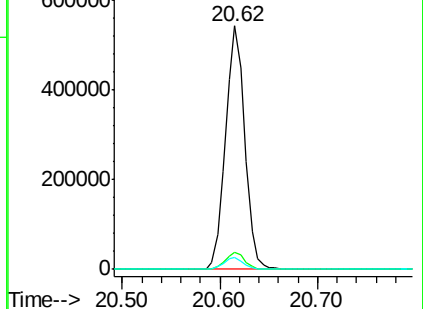
122 5.0 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 26.08 min Scan# 3879

Delta R.T. -0.01 min

Lab File: BG032511.D

Acq: 2 Feb 2018 14:29

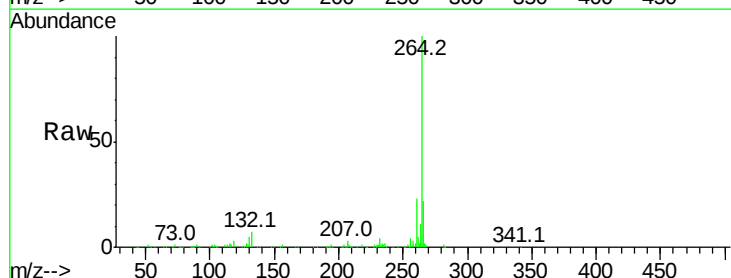
Tgt Ion:264 Resp: 283303

Ion Ratio Lower Upper

264 100

260 23.0 17.4 26.0

265 22.3 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

