

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030218\
 Data File : BG032979.D
 Acq On : 3 Mar 2018 12:59
 Operator : SJ/JU
 Sample : J1774-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 05 01:37:45 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	58525	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	268079	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	153143	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	355568	20.00	ng	0.00
75) Chrysene-d12	22.61	240	332472	20.00	ng	-0.01
86) Perylene-d12	26.42	264	343776	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.33	112	473472	129.43	ng	0.00
7) Phenol-d6	8.01	99	661302	129.69	ng	0.00
23) Nitrobenzene-d5	10.11	82	390042	99.10	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	216600	134.51	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	848023	79.86	ng	0.00
78) Terphenyl-d14	20.78	244	1221381	82.54	ng	0.00

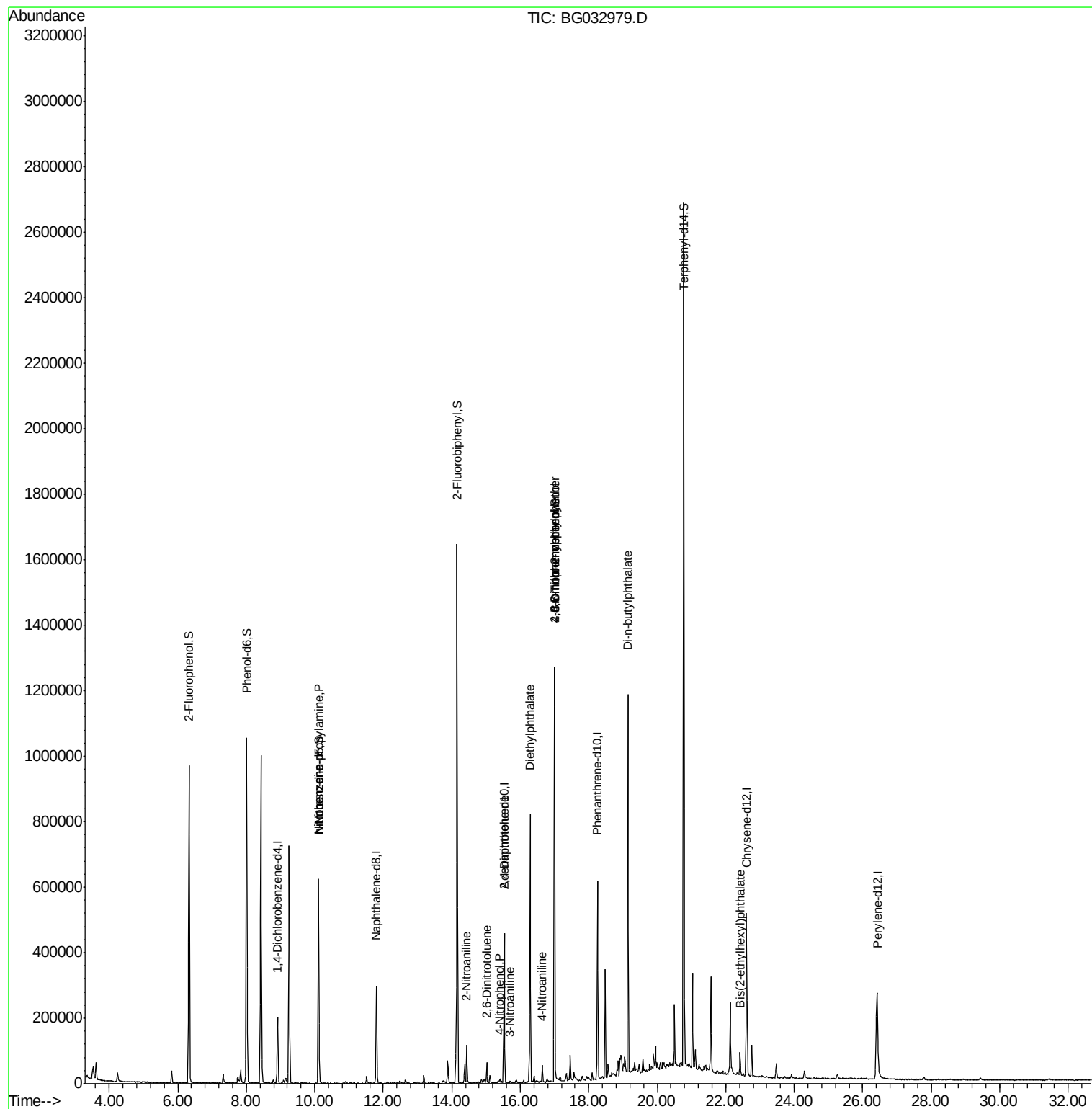
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	10.11	70	50588	14.053	ng	# 83
24) Nitrobenzene	10.11	77	1235	6.631	ng	# 47
47) 2-Nitroaniline	14.44	65	3876	11.058	ng	# 19
50) 2,6-Dinitrotoluene	15.02	165	8276	12.031	ng	# 24
52) 3-Nitroaniline	15.69	138	449	7.686	ng	# 1
55) 4-Nitrophenol	15.41	139	549	7.316	ng	# 1
56) 2,4-Dinitrotoluene	15.53	165	19879	14.620	ng	# 19
59) Diethylphthalate	16.29	149	471397	34.371	ng	# 98
61) 4-Nitroaniline	16.65	138	60	5.319	ng	# 12
64) 4,6-Dinitro-2-methylphenol	17.00	198	634	5.706	ng	# 1
66) 4-Bromophenyl-phenylether	17.00	248	15120	4.022	ng	# 1
73) Di-n-butylphthalate	19.14	149	848621	35.239	ng	# 100
83) Bis(2-ethylhexyl)phthalate	22.42	149	33375	2.169	ng	# 96

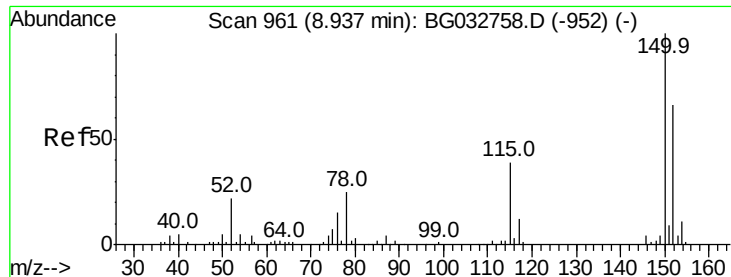
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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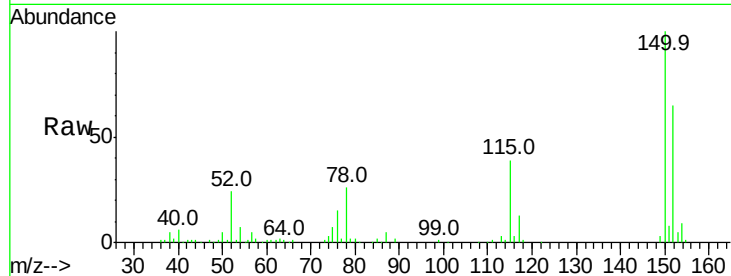


#1

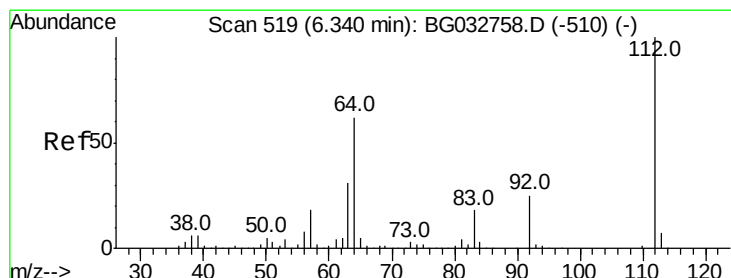
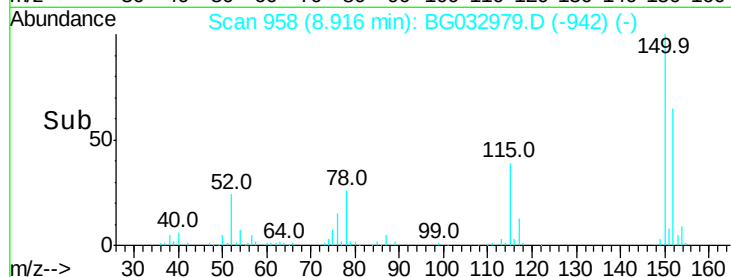
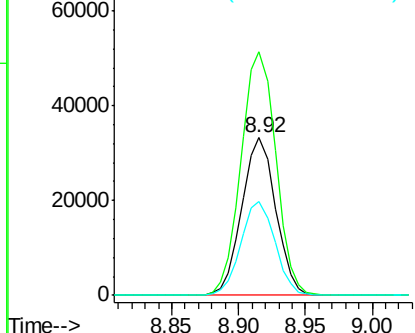
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG032979.D
Acq: 3 Mar 2018 12:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 58525
Ion Ratio Lower Upper
152 100
150 154.4 126.6 189.8
115 59.4 53.0 79.4



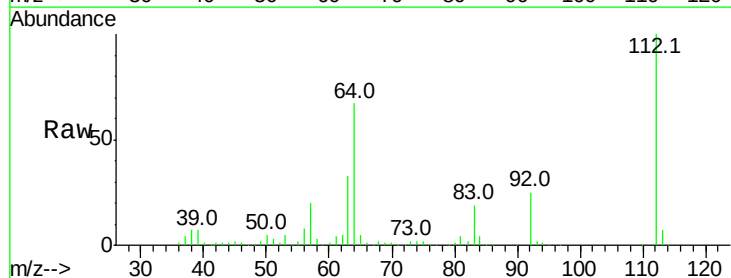
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



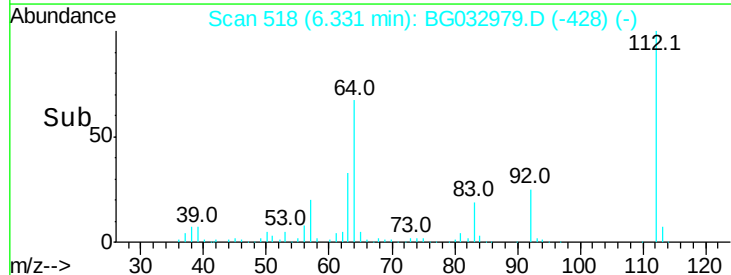
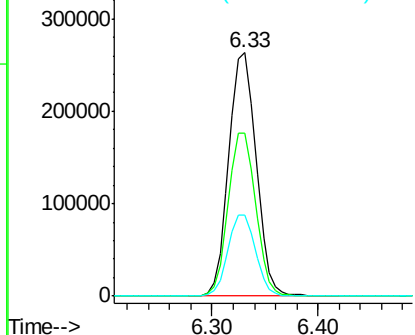
#5

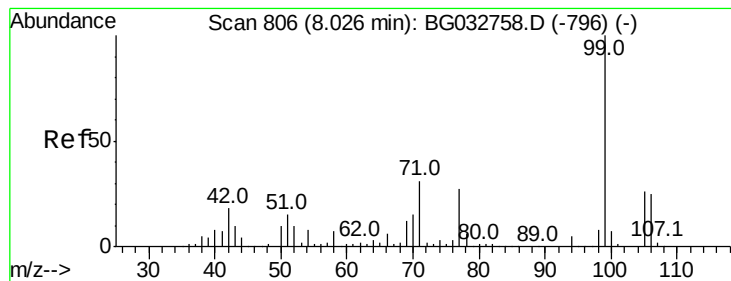
2-Fluorophenol
Concen: 129.430 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.00 min
Lab File: BG032979.D
Acq: 3 Mar 2018 12:59

Tgt Ion:112 Resp: 473472
Ion Ratio Lower Upper
112 100
64 66.9 56.3 84.5
63 33.3 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: 129.694 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.01 min

Lab File: BG032979.D

Acq: 3 Mar 2018 12:59

Instrument :

BNA_G

ClientSampleId :

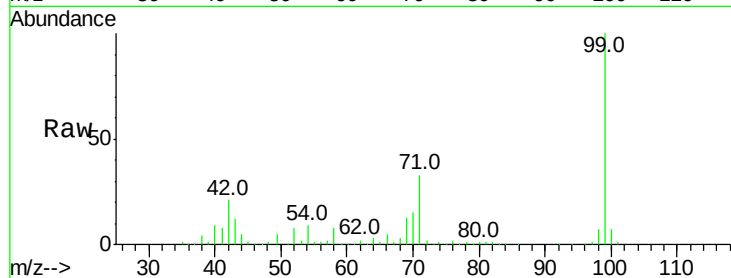
Tot Ion: 99 Resp: 661302

Ion Ratio Lower Upper

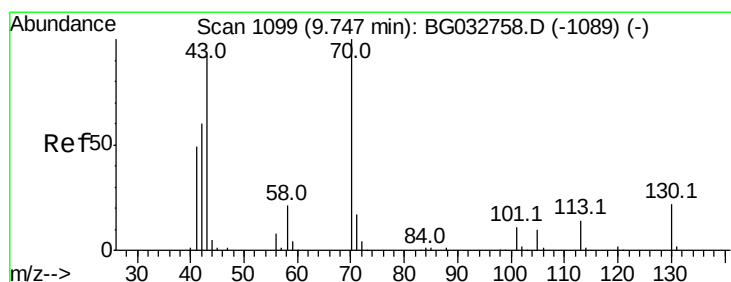
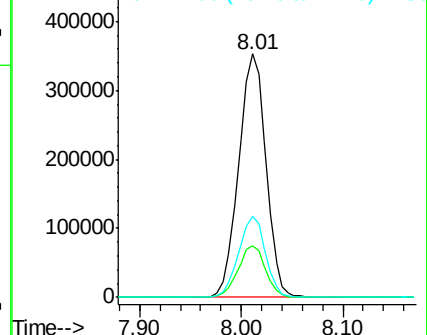
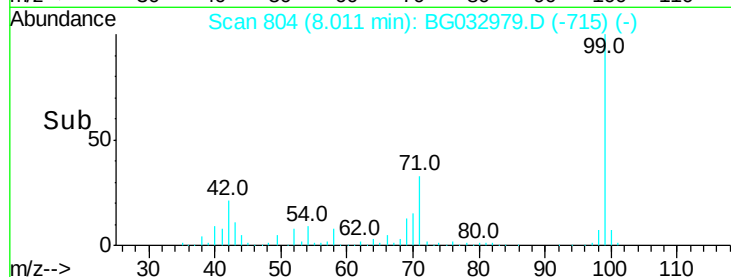
99 100

42 21.0 14.1 21.1

71 33.4 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: 14.053 ng

RT: 10.11 min Scan# 1162

Delta R.T. 0.38 min

Lab File: BG032979.D

Acq: 3 Mar 2018 12:59

Tgt Ion: 70 Resp: 50588

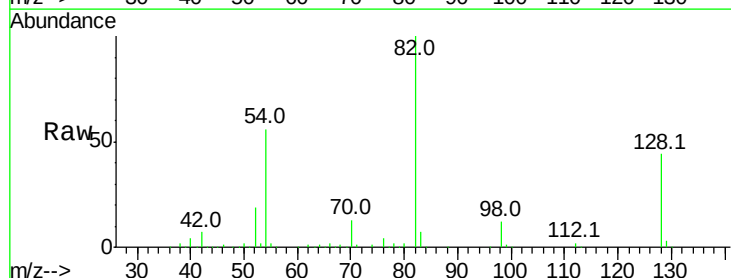
Ion Ratio Lower Upper

70 100

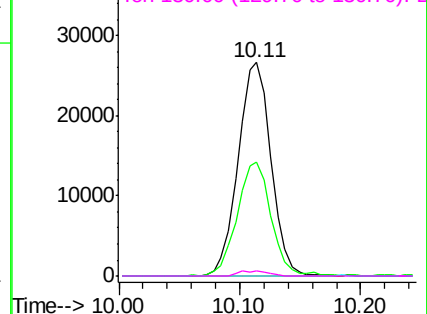
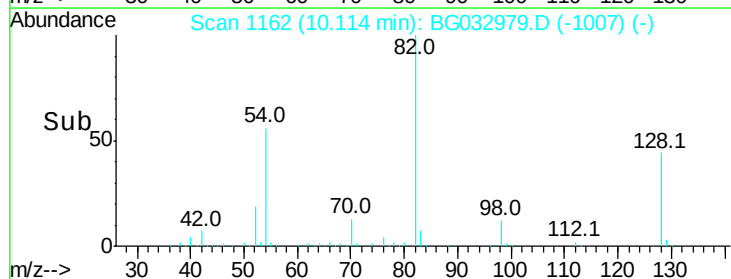
42 53.5 49.1 73.7

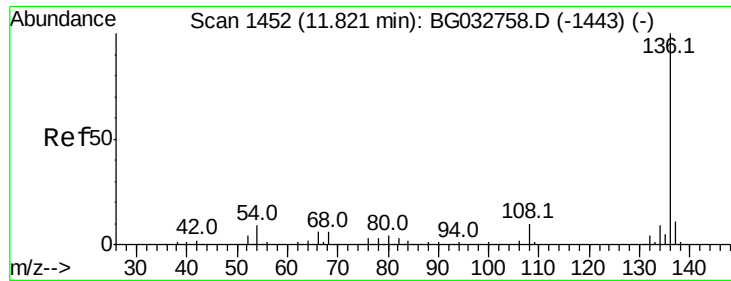
101 0.0 8.5 12.7#

130 2.3 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

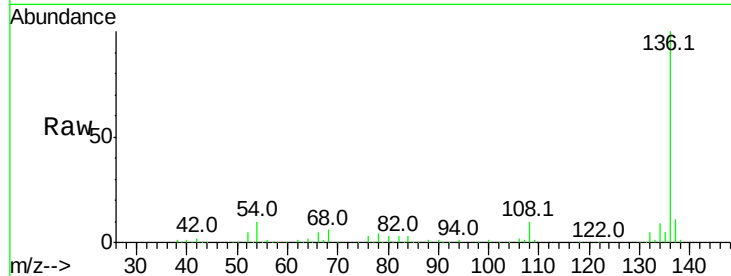




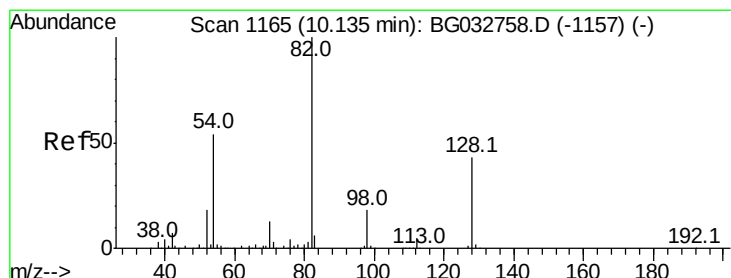
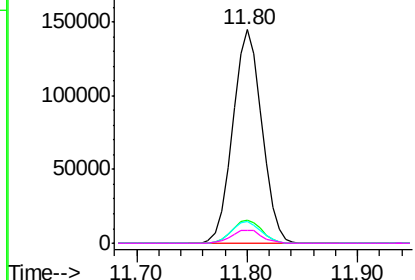
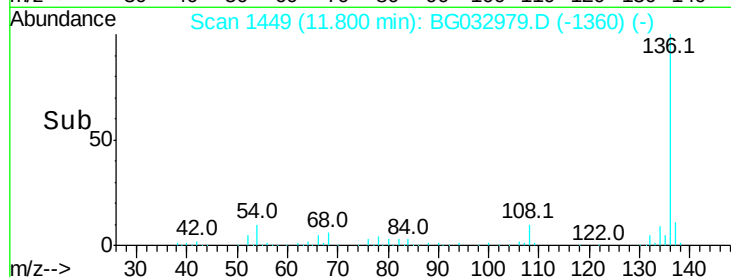
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BG032979.D
Acq: 3 Mar 2018 12:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136 Resp: 268079
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 10.3 10.3 15.5#
68 6.3 4.5 6.7

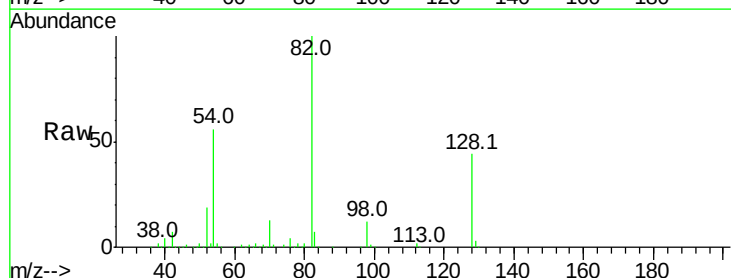


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

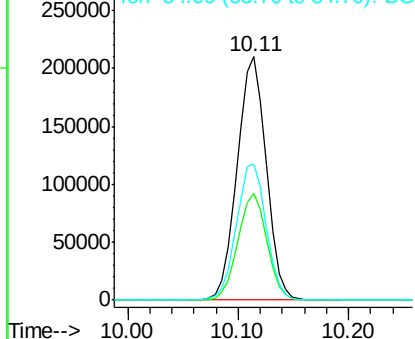
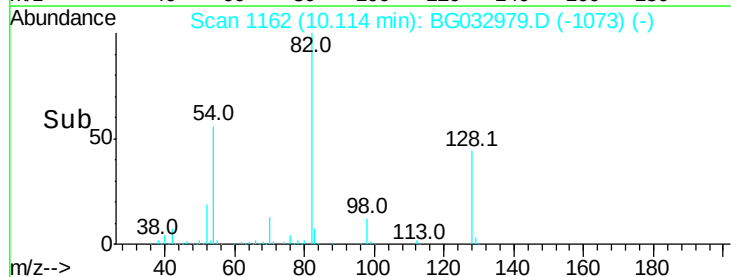


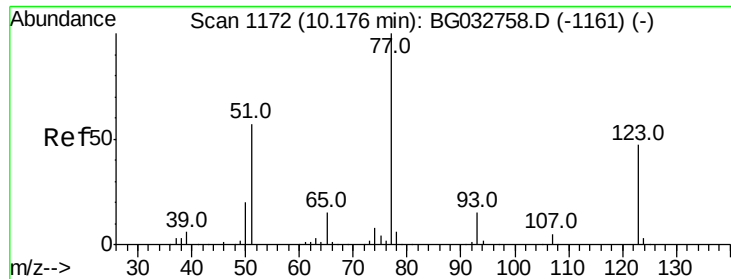
#23
Nitrobenzene-d5
Concen: 99.105 ng
RT: 10.11 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BG032979.D
Acq: 3 Mar 2018 12:59

Tgt Ion: 82 Resp: 390042
Ion Ratio Lower Upper
82 100
128 43.8 29.7 44.5
54 55.8 43.1 64.7



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

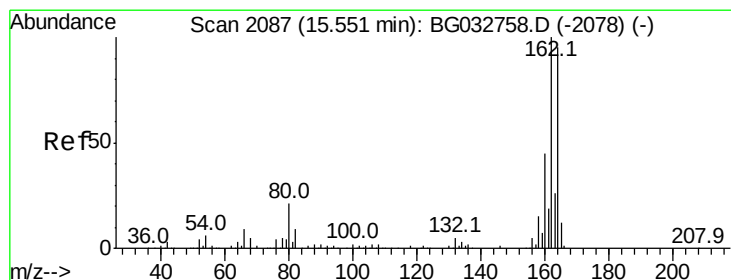
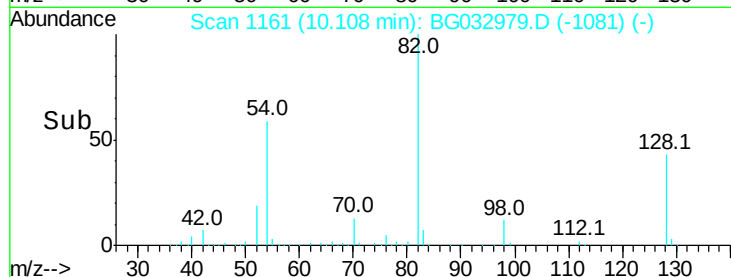
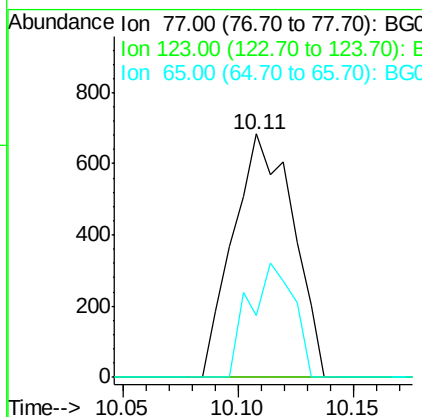
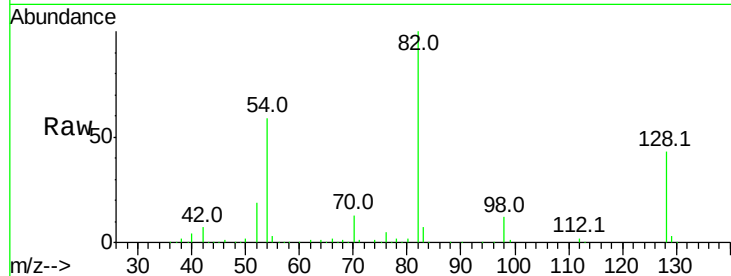




#24
 Nitrobenzene
 Concen: 6.631 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.06 min
 Lab File: BG032979.D
 Acq: 3 Mar 2018 12:59

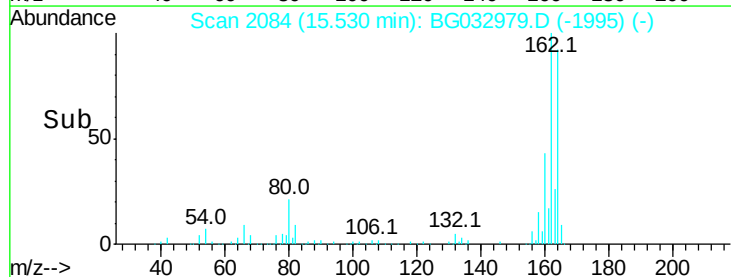
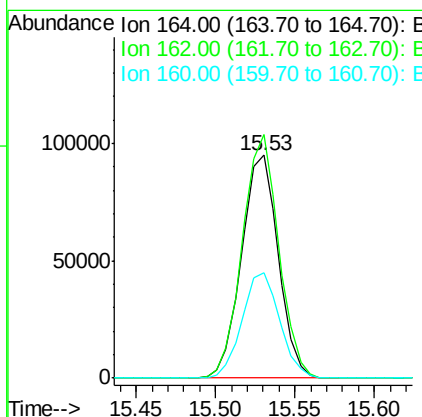
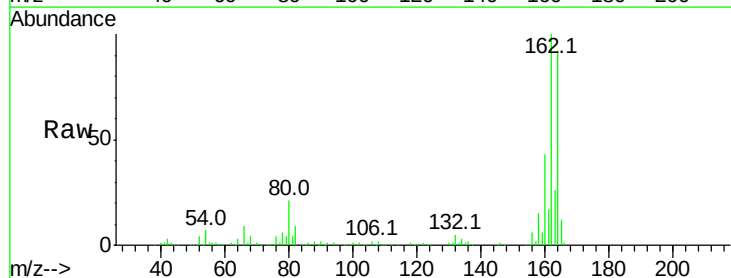
Instrument :
 BNA_G
 ClientSampled :

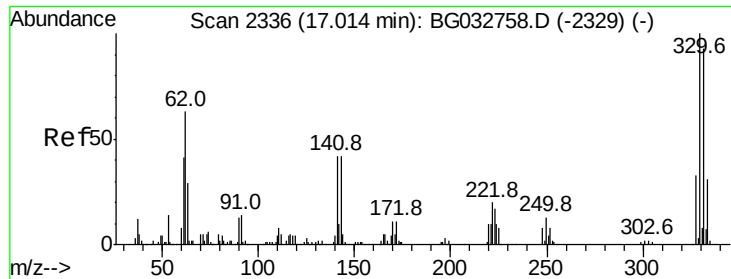
Tot Ion: 77 Resp: 1235
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.6#
 65 25.6 13.0 19.6#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2084
 Delta R.T. -0.01 min
 Lab File: BG032979.D
 Acq: 3 Mar 2018 12:59

Tgt Ion:164 Resp: 153143
 Ion Ratio Lower Upper
 164 100
 162 109.3 78.8 118.2
 160 47.4 35.4 53.0

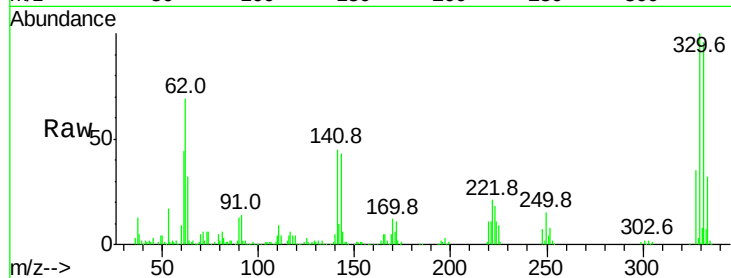




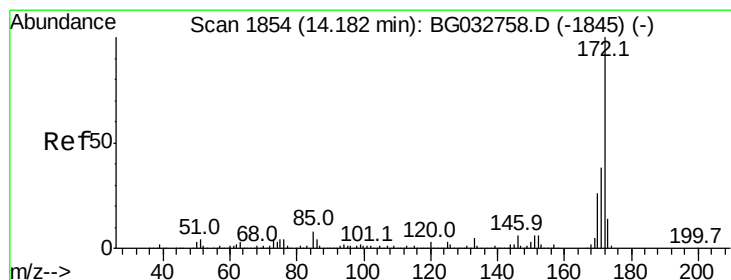
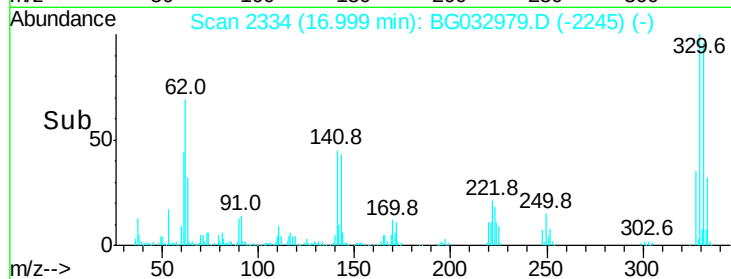
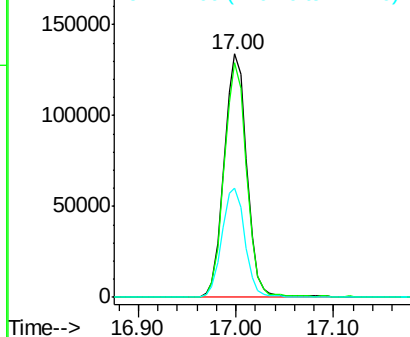
#41
 2,4,6-Tribromophenol
 Concen: 134.514 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. -0.01 min
 Lab File: BG032979.D
 Acq: 3 Mar 2018 12:59

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 216600
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 45.4 25.2 37.8#

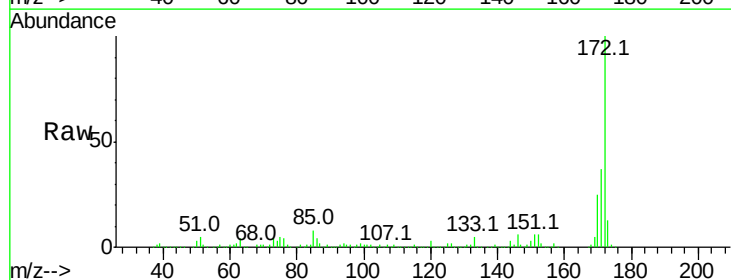


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

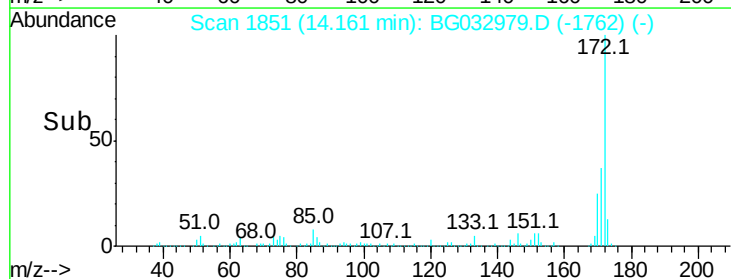
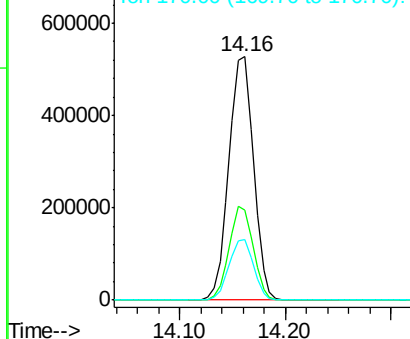


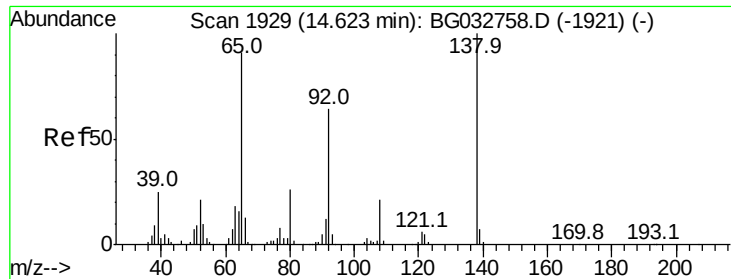
#44
 2-Fluorobiphenyl
 Concen: 79.864 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BG032979.D
 Acq: 3 Mar 2018 12:59

Tgt Ion:172 Resp: 848023
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.0 45.0
 170 25.0 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





#47

2-Nitroaniline

Concen: 11.058 ng

RT: 14.44 min Scan# 1898

Delta R.T. -0.18 min

Lab File: BG032979.D

Acq: 3 Mar 2018 12:59

Instrument :

BNA_G

ClientSampleId :

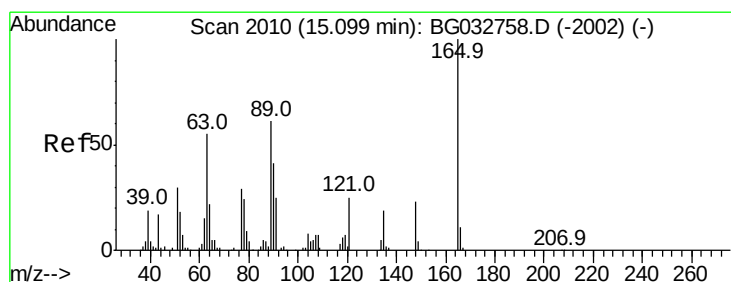
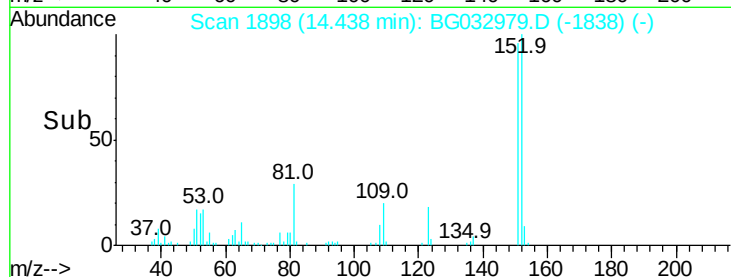
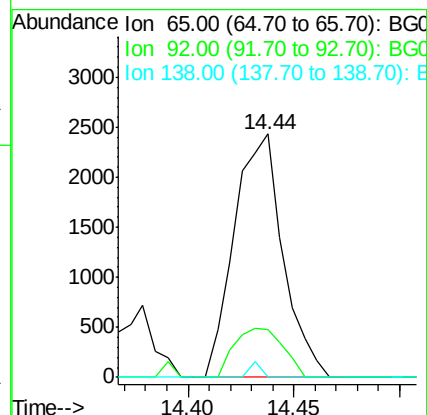
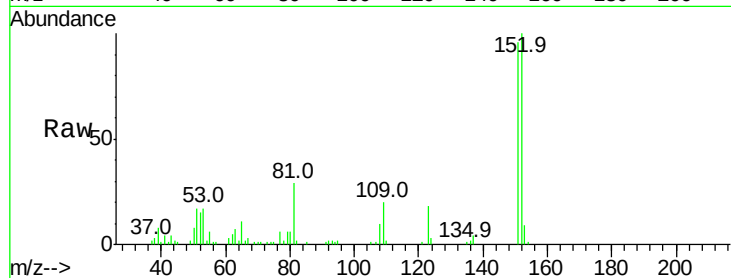
Tot Ion: 65 Resp: 3876

Ion Ratio Lower Upper

65 100

92 19.8 54.6 82.0#

138 0.0 72.9 109.3#



#50

2,6-Dinitrotoluene

Concen: 12.031 ng

RT: 15.02 min Scan# 1997

Delta R.T. -0.07 min

Lab File: BG032979.D

Acq: 3 Mar 2018 12:59

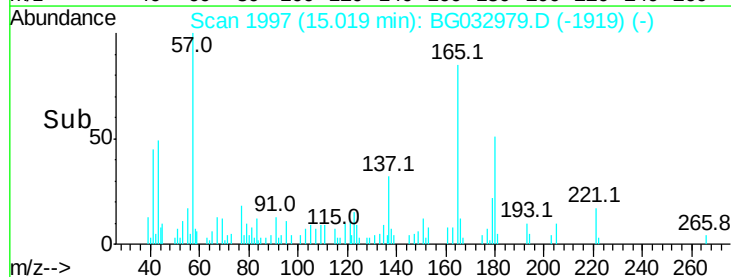
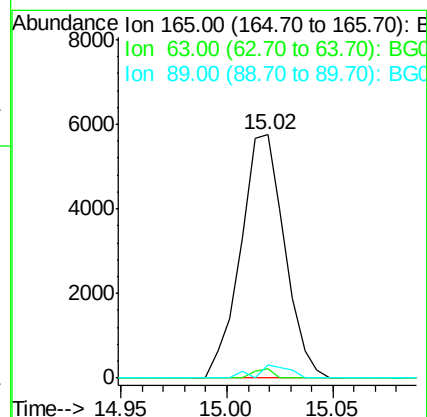
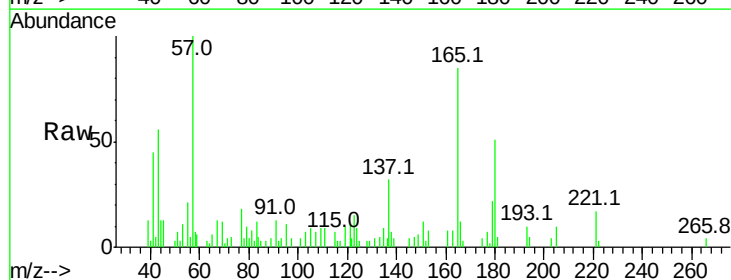
Tgt Ion: 165 Resp: 8276

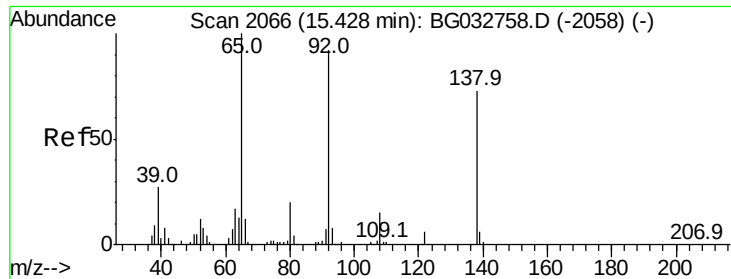
Ion Ratio Lower Upper

165 100

63 3.6 52.7 79.1#

89 5.2 49.2 73.8#

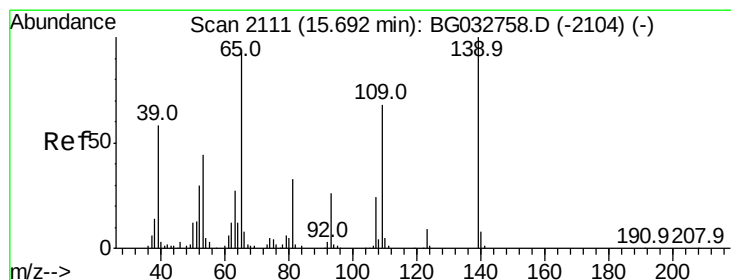
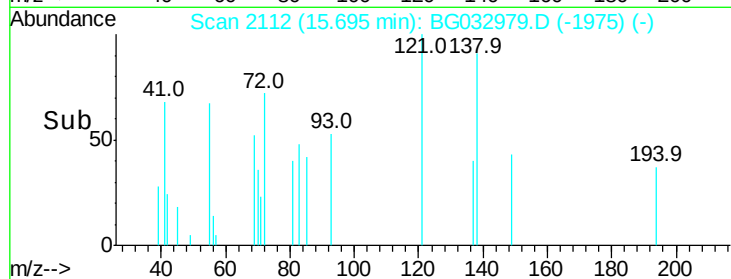
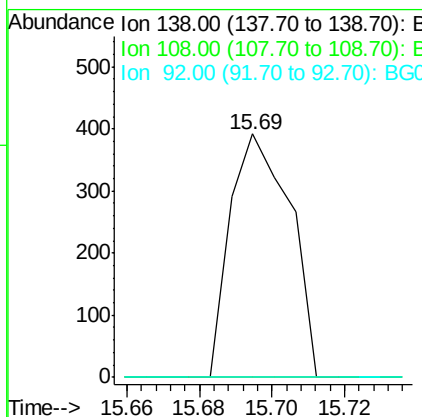
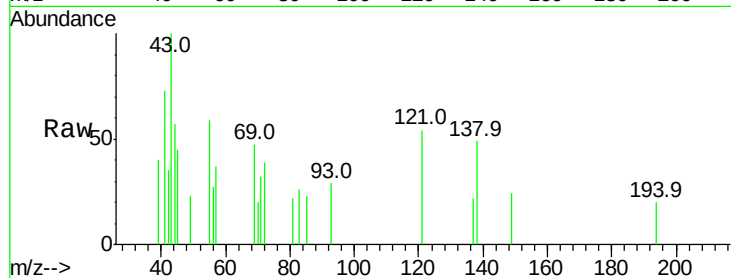




#52
3-Nitroaniline
Concen: 7.686 ng
RT: 15.69 min Scan# 2112
Delta R.T. 0.28 min
Lab File: BG032979.D
Acq: 3 Mar 2018 12:59

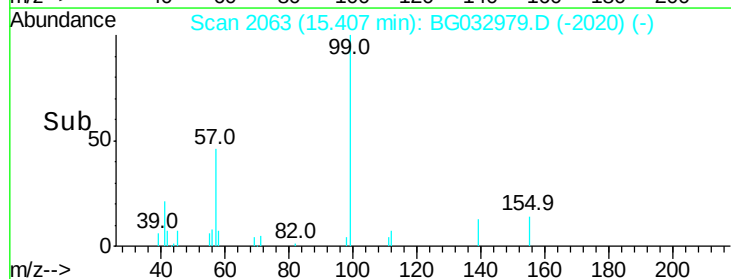
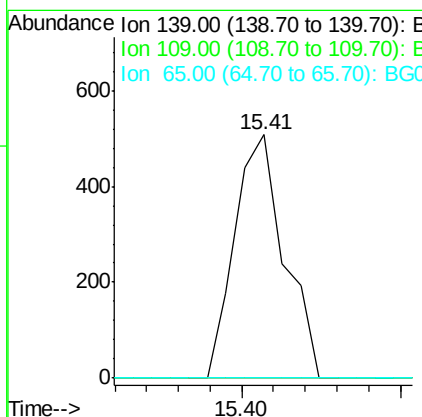
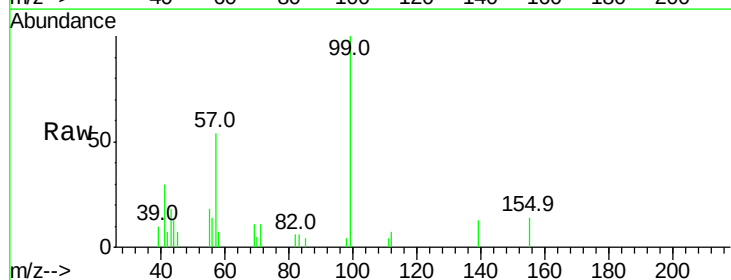
Instrument :
BNA_G
ClientSampleId :

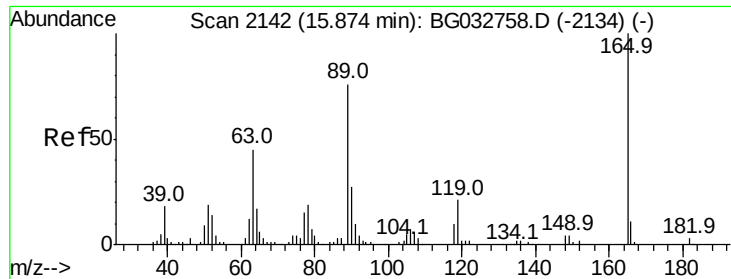
Tot Ion:138 Resp: 449
Ion Ratio Lower Upper
138 100
108 0.0 17.5 26.3#
92 0.0 105.8 158.8#



#55
4-Nitrophenol
Concen: 7.316 ng
RT: 15.41 min Scan# 2063
Delta R.T. -0.28 min
Lab File: BG032979.D
Acq: 3 Mar 2018 12:59

Tgt Ion:139 Resp: 549
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#

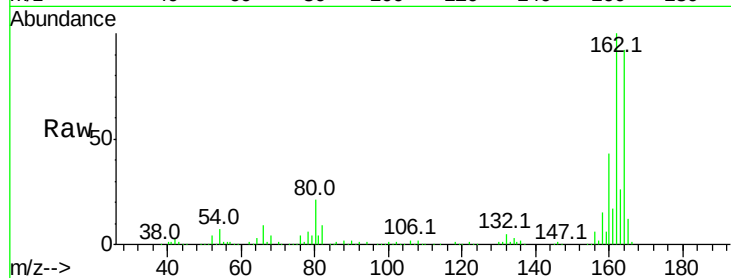




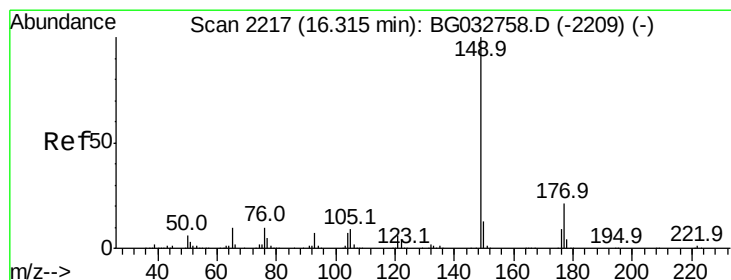
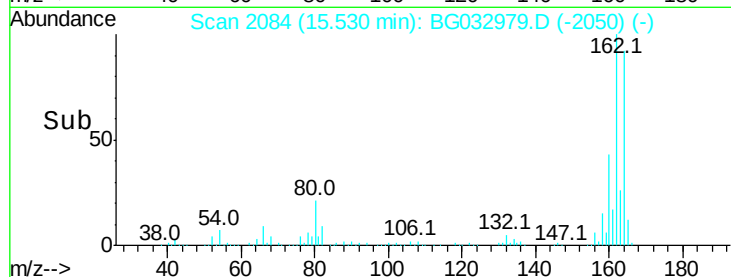
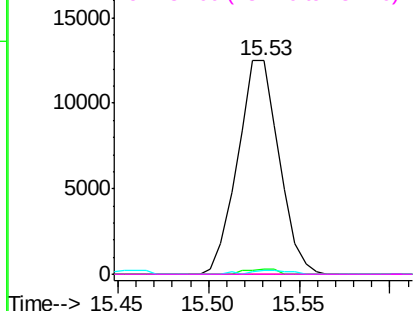
#56
2,4-Dinitrotoluene
Concen: 14.620 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.33 min
Lab File: BG032979.D
Acq: 3 Mar 2018 12:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 19879
Ion Ratio Lower Upper
165 100
63 2.4 42.0 63.0#
89 2.0 66.9 100.3#
182 0.0 2.6 3.8#

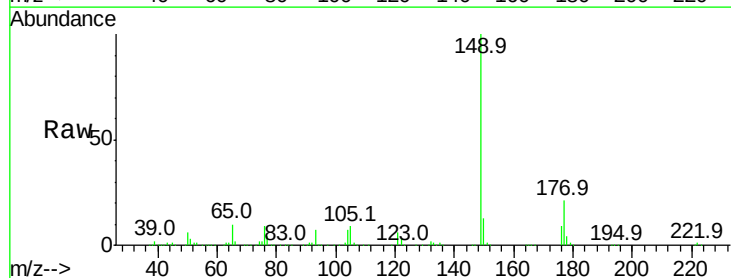


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

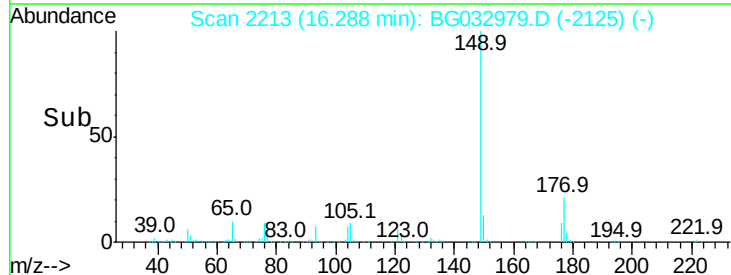
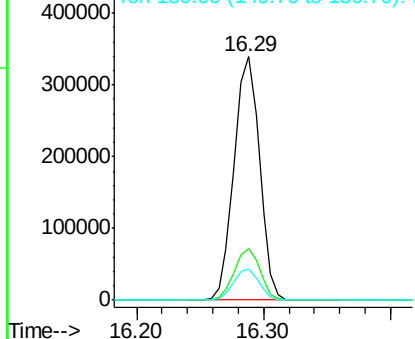


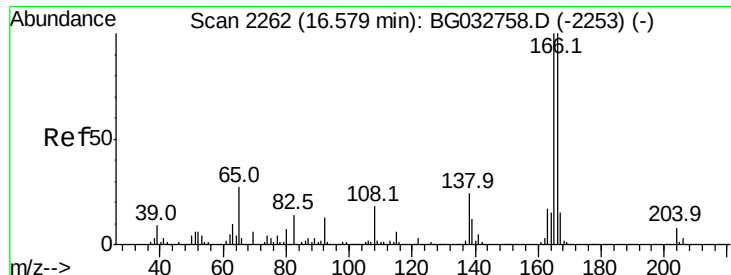
#59
Diethylphthalate
Concen: 34.371 ng
RT: 16.29 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BG032979.D
Acq: 3 Mar 2018 12:59

Tgt Ion:149 Resp: 471397
Ion Ratio Lower Upper
149 100
177 21.4 18.5 27.7
150 12.8 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





#61

4-Nitroaniline

Concen: 5.319 ng

RT: 16.65 min Scan# 2274

Delta R.T. 0.08 min

Lab File: BG032979.D

Acq: 3 Mar 2018 12:59

Instrument :

BNA_G

ClientSampleId :

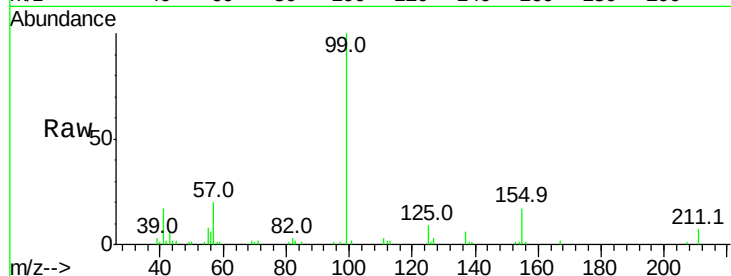
Tot Ion:138 Resp: 60

Ion Ratio Lower Upper

138 100

92 0.0 40.1 80.1#

108 0.0 65.4 105.4#

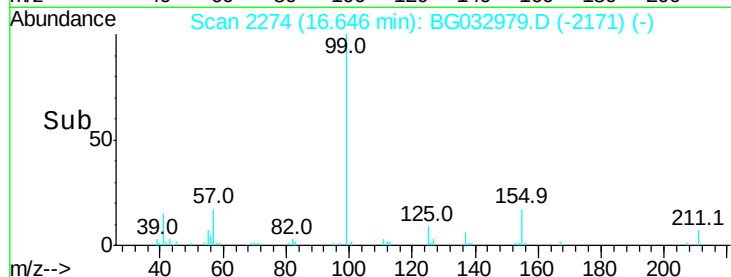


Abundance Ion 138.00 (137.70 to 138.70): E

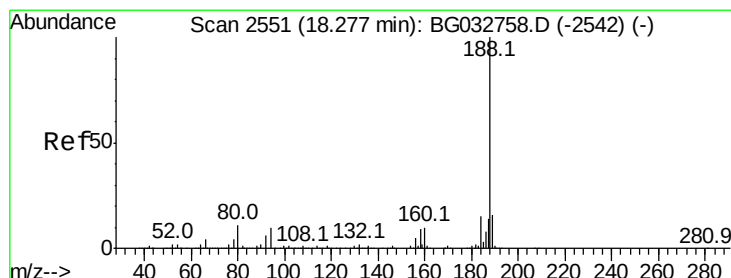
Ion 92.00 (91.70 to 92.70): BG032758.D (-2253) (-)

Ion 108.00 (107.70 to 108.70): BG032758.D (-2253) (-)

16.65



Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.26 min Scan# 2548

Delta R.T. -0.01 min

Lab File: BG032979.D

Acq: 3 Mar 2018 12:59

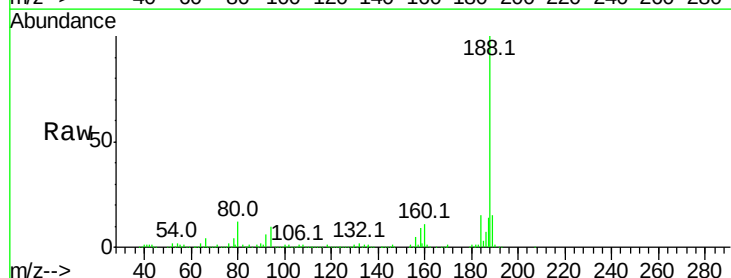
Tgt Ion:188 Resp: 355568

Ion Ratio Lower Upper

188 100

94 10.1 6.9 10.3

80 12.0 7.7 11.5#

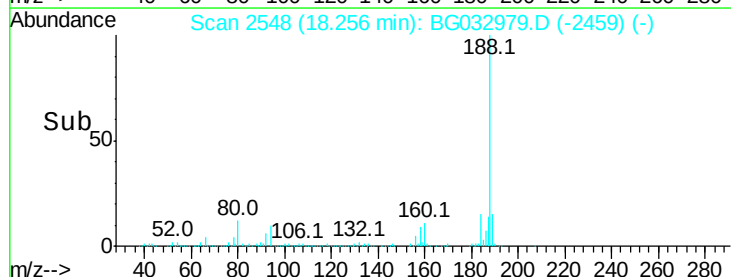


Abundance Ion 188.00 (187.70 to 188.70): E

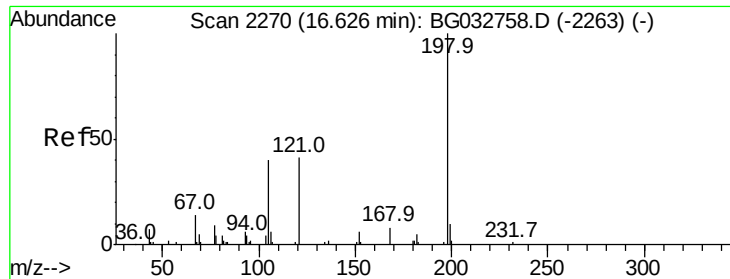
Ion 94.00 (93.70 to 94.70): BG032758.D (-2542) (-)

Ion 80.00 (79.70 to 80.70): BG032758.D (-2542) (-)

18.26



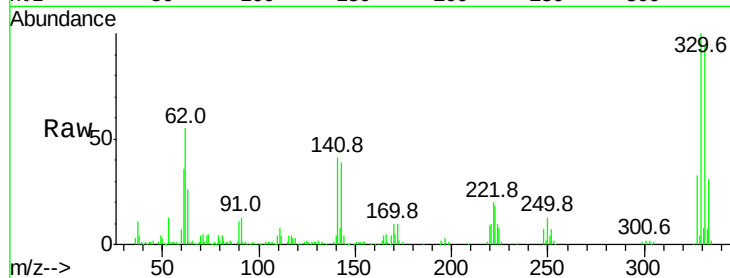
Time-->



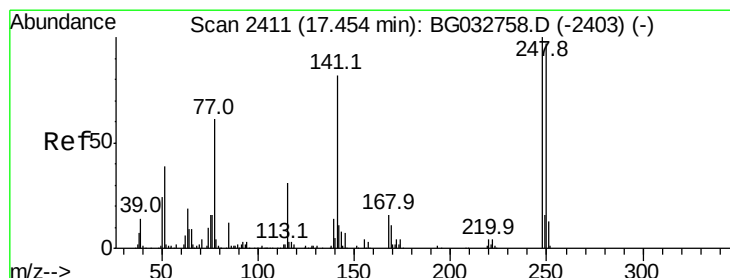
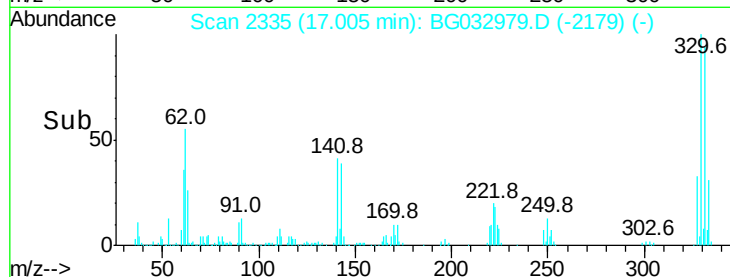
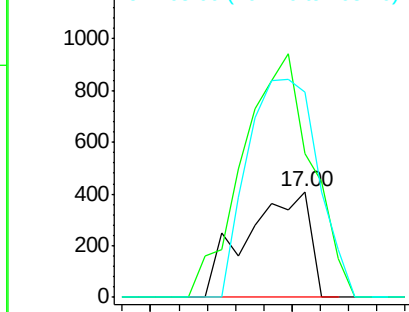
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.706 ng
 RT: 17.00 min Scan# 2335
 Delta R.T. 0.39 min
 Lab File: BG032979.D
 Acq: 3 Mar 2018 12:59

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 634
 Ion Ratio Lower Upper
 198 100
 51 136.8 30.6 70.6#
 105 194.9 23.8 63.8#

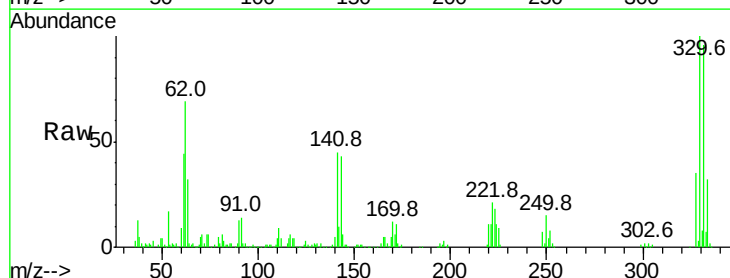


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E

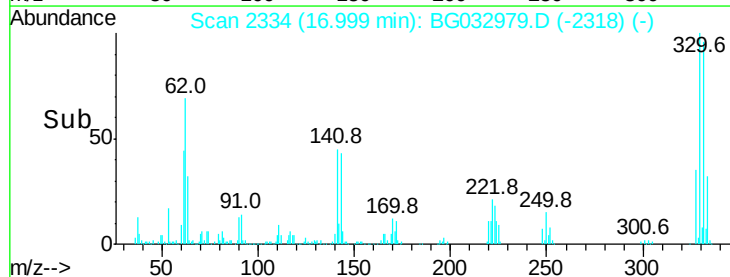
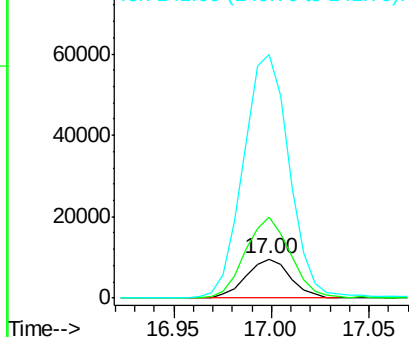


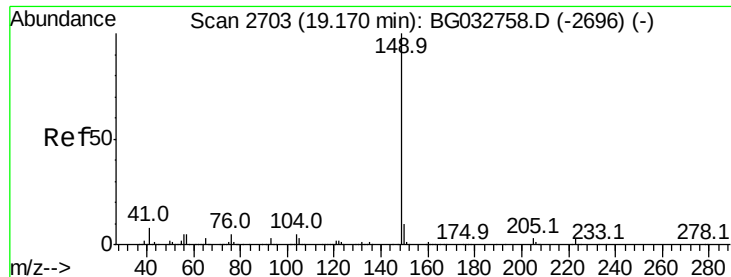
#66
 4-Bromophenyl-phenylether
 Concen: 4.022 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. -0.43 min
 Lab File: BG032979.D
 Acq: 3 Mar 2018 12:59

Tgt Ion:248 Resp: 15120
 Ion Ratio Lower Upper
 248 100
 250 208.8 77.1 115.7#
 141 622.6 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





#73

Di-n-butylphthalate

Concen: 35.239 ng

RT: 19.14 min Scan# 2699

Delta R.T. -0.01 min

Lab File: BG032979.D

Acq: 3 Mar 2018 12:59

Instrument :

BNA_G

ClientSampleId :

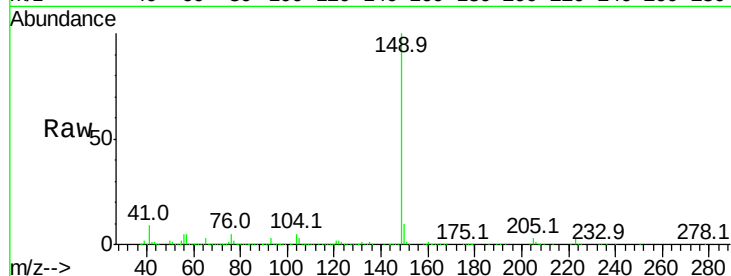
Tot Ion:149 Resp: 848621

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

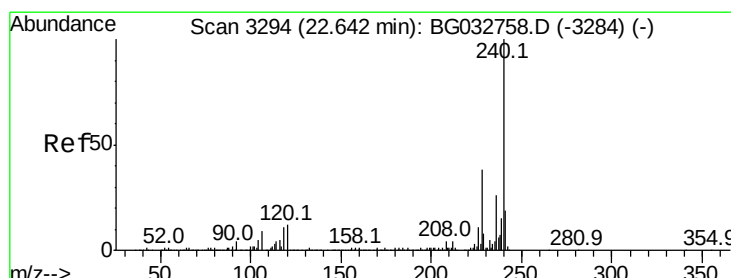
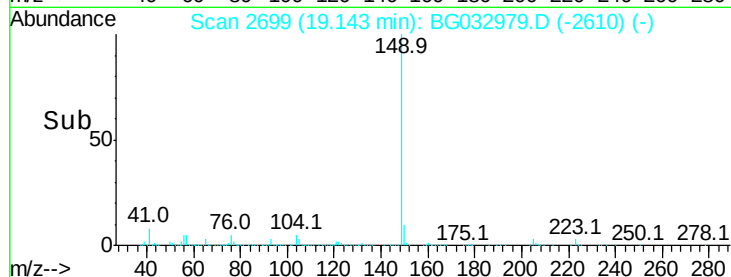
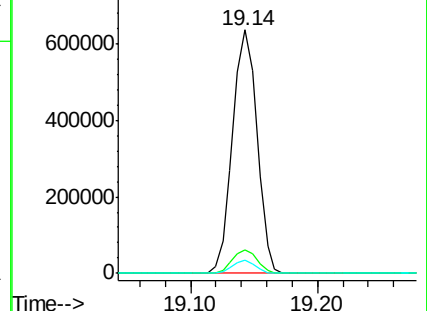
104 5.2 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.61 min Scan# 3289

Delta R.T. -0.01 min

Lab File: BG032979.D

Acq: 3 Mar 2018 12:59

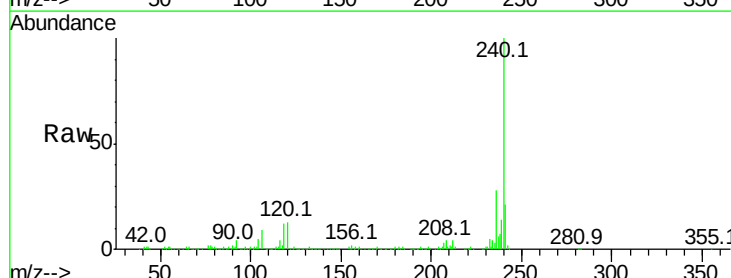
Tgt Ion:240 Resp: 332472

Ion Ratio Lower Upper

240 100

120 12.8 6.8 10.2#

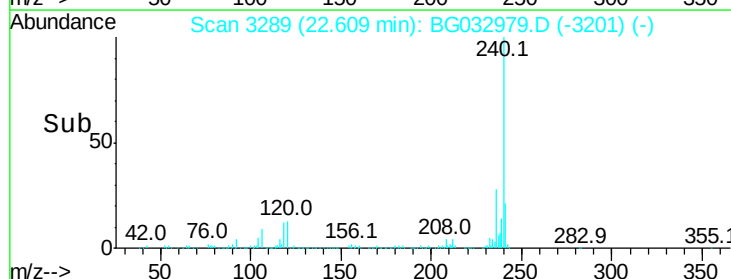
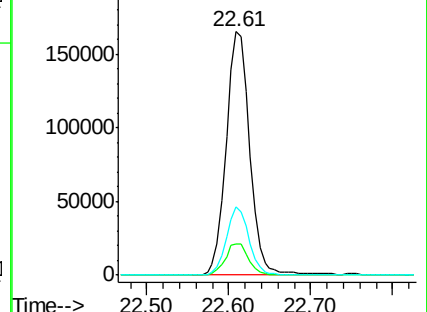
236 27.8 20.9 31.3

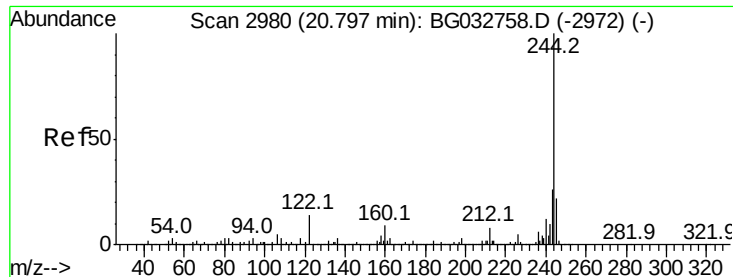


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.537 ng

RT: 20.78 min Scan# 2977

Delta R.T. 0.00 min

Lab File: BG032979.D

Acq: 3 Mar 2018 12:59

Instrument :

BNA_G

ClientSampleId :

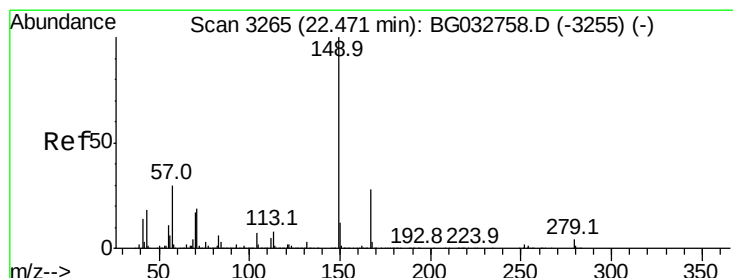
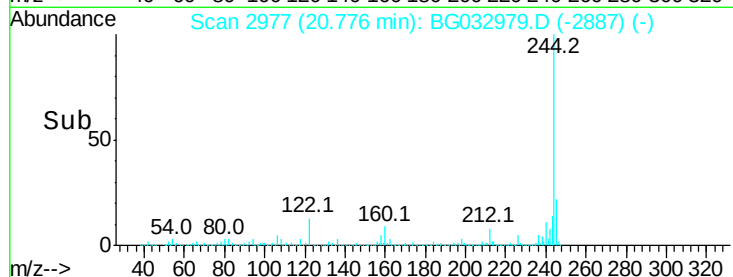
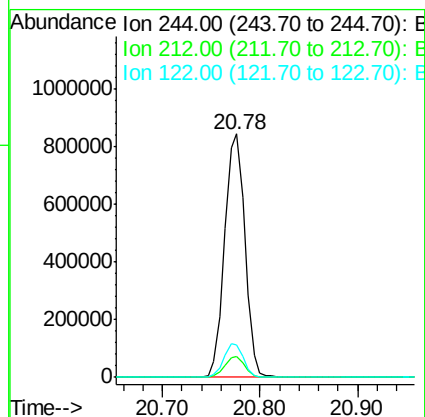
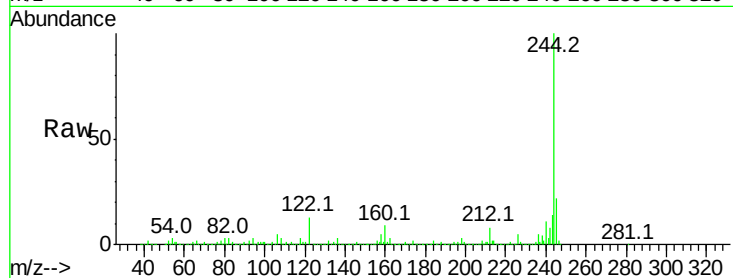
Tot Ion:244 Resp: 1221381

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

122 13.5 7.0 10.4#



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.169 ng

RT: 22.42 min Scan# 3257

Delta R.T. -0.01 min

Lab File: BG032979.D

Acq: 3 Mar 2018 12:59

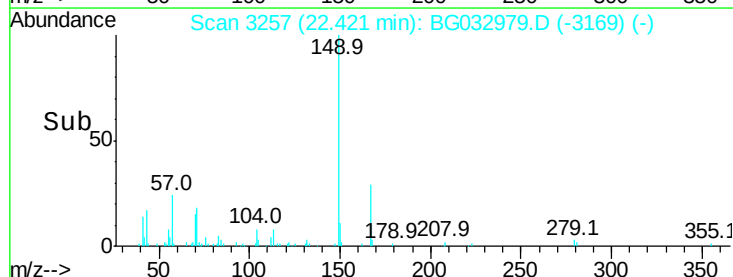
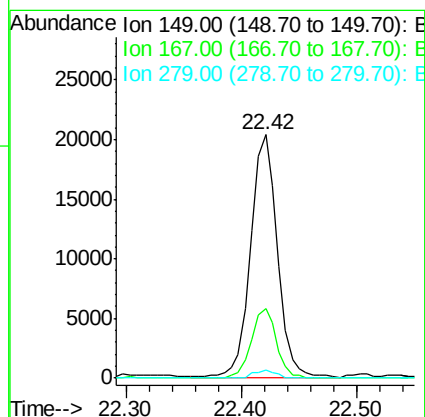
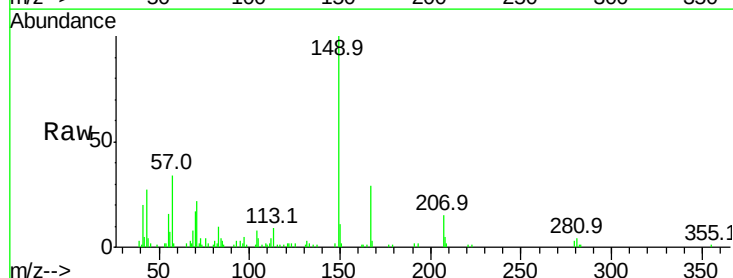
Tgt Ion:149 Resp: 33375

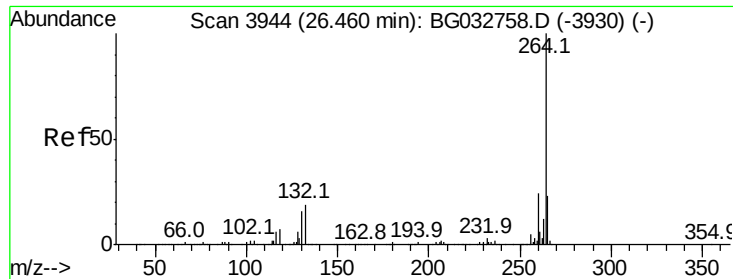
Ion Ratio Lower Upper

149 100

167 28.5 24.3 36.5

279 3.1 4.0 6.0#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.42 min Scan# 3937
Delta R.T. -0.01 min
Lab File: BG032979.D
Acq: 3 Mar 2018 12:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	21.2	17.7	26.5

