

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030518\
 Data File : BG033004.D
 Acq On : 6 Mar 2018 1:30
 Operator : SJ/JU
 Sample : J1792-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 06 02:27:58 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	8.91	152	60930	20.00	ng	-0.01
21) Naphthalene-d8	11.80	136	265953	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	148417	20.00	ng	-0.01
63) Phenanthrene-d10	18.25	188	341649	20.00	ng	-0.01
75) Chrysene-d12	22.61	240	308626	20.00	ng	-0.01
86) Perylene-d12	26.41	264	287459	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.33	112	563808	148.04	ng	0.00
7) Phenol-d6	8.01	99	685661	129.16	ng	0.00
23) Nitrobenzene-d5	10.11	82	501666	125.55	ng	-0.01
41) 2,4,6-Tribromophenol	17.00	330	259877	166.53	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	1033715	100.45	ng	-0.01
78) Terphenyl-d14	20.77	244	1532354	111.55	ng	0.00

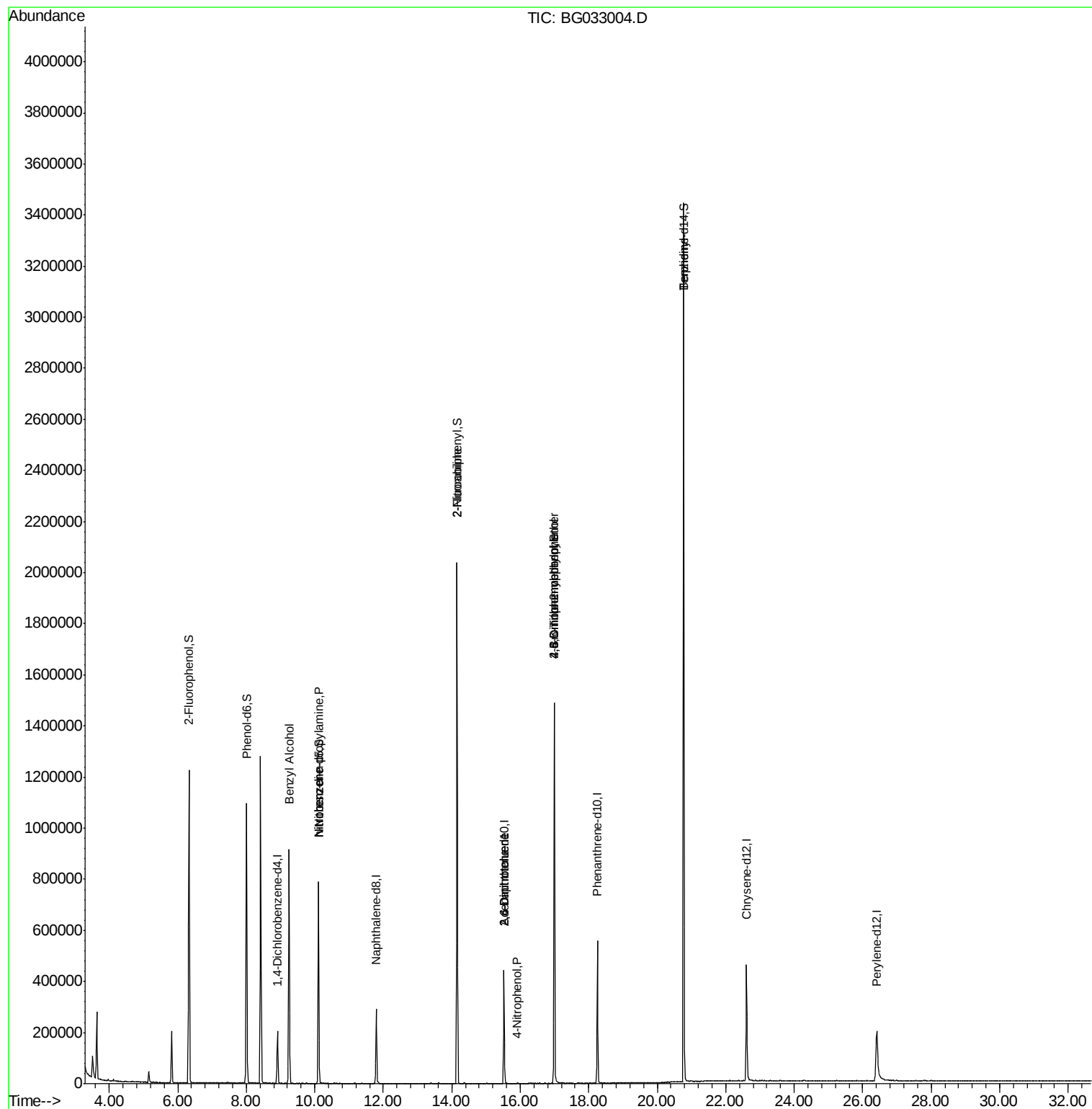
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	9.25	79	7858	2.014	ng	# 46
19) n-Nitroso-di-n-propylamine	10.11	70	65979	17.605	ng	# 83
24) Nitrobenzene	10.10	77	1575	6.702	ng	# 41
47) 2-Nitroaniline	14.16	65	1786	10.417	ng	# 1
50) 2,6-Dinitrotoluene	15.53	165	19649	16.572	ng	# 20
55) 4-Nitrophenol	15.92	139	293	7.210	ng	# 1
56) 2,4-Dinitrotoluene	15.53	165	19649	14.771	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.99	198	802	5.945	ng	# 1
66) 4-Bromophenyl-phenylether	16.99	248	19432	5.379	ng	# 1
76) Benzidine	20.77	184	27412	2.606	ng	# 89

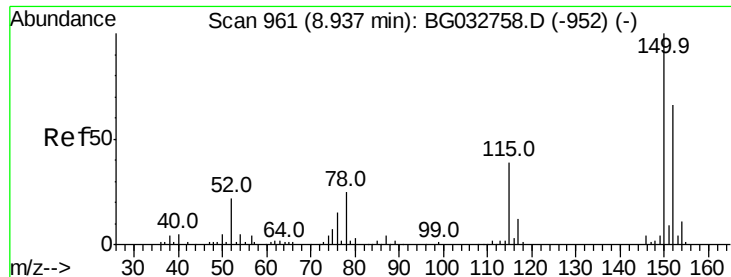
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030518\
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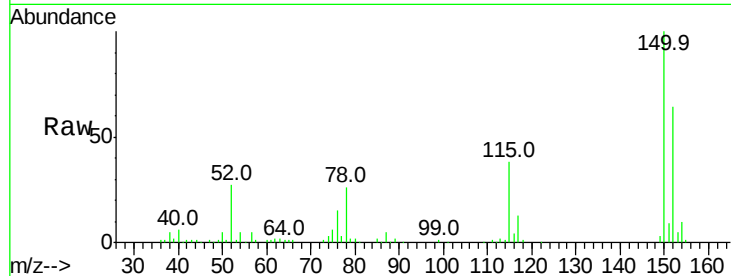


#1

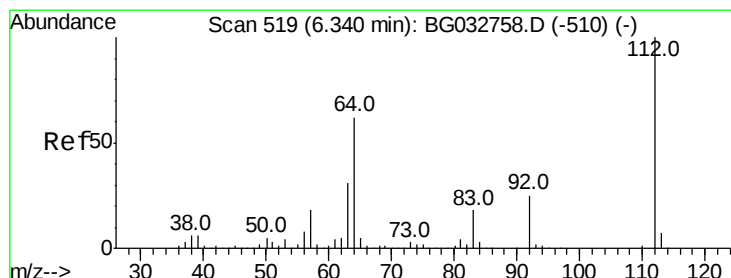
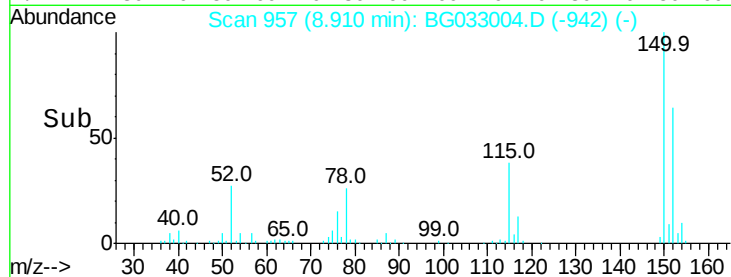
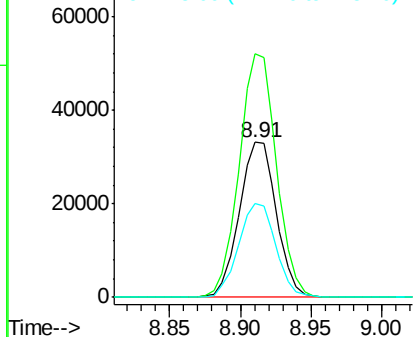
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG033004.D
Acq: 6 Mar 2018 1:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 60930
Ion Ratio Lower Upper
152 100
150 156.8 126.6 189.8
115 60.3 53.0 79.4



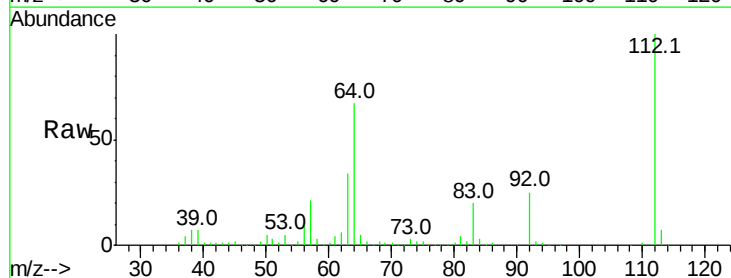
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



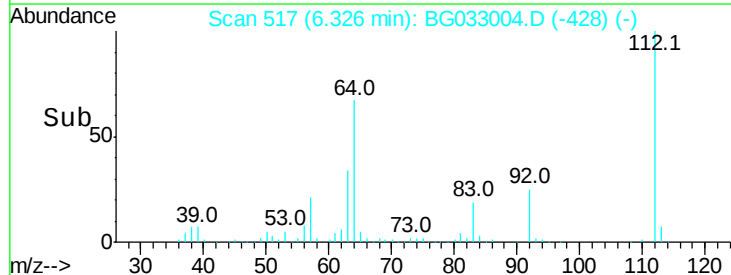
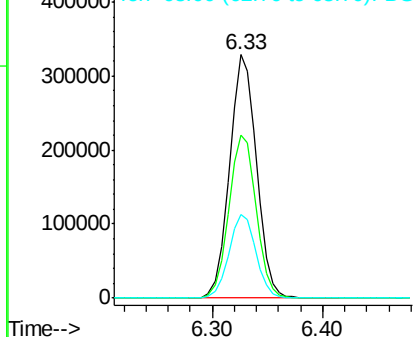
#5

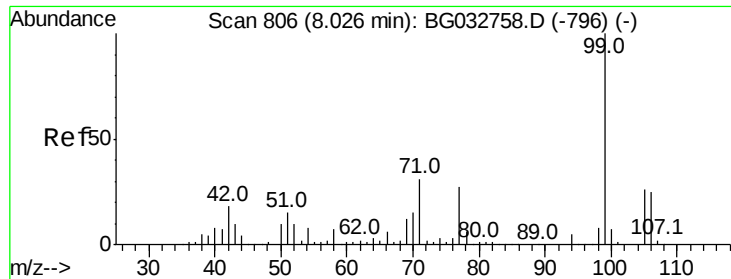
2-Fluorophenol
Concen: 148.041 ng
RT: 6.33 min Scan# 517
Delta R.T. -0.00 min
Lab File: BG033004.D
Acq: 6 Mar 2018 1:30

Tgt Ion:112 Resp: 563808
Ion Ratio Lower Upper
112 100
64 67.2 56.3 84.5
63 34.2 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: 129.163 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG033004.D

Acq: 6 Mar 2018 1:30

Instrument :

BNA_G

ClientSampled :

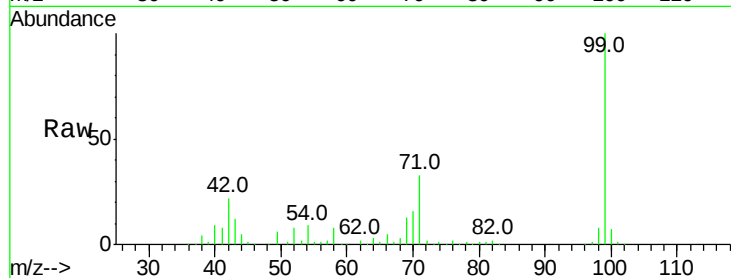
Tot Ion: 99 Resp: 685661

Ion Ratio Lower Upper

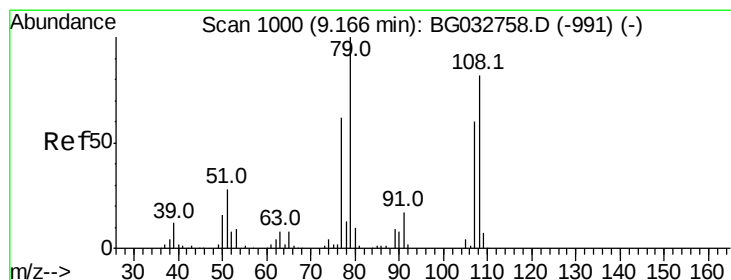
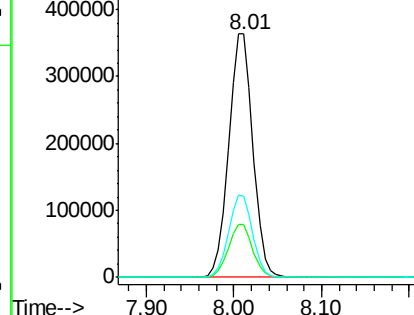
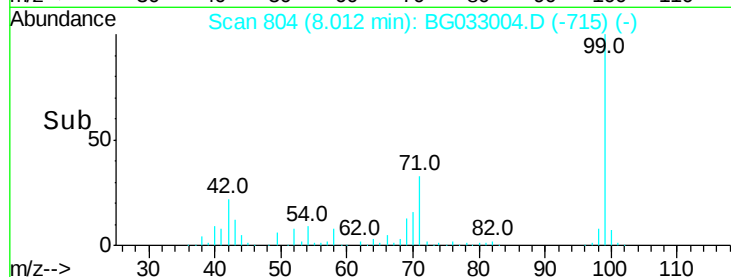
99 100

42 21.8 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



#15

Benzyl Alcohol

Concen: 2.014 ng

RT: 9.25 min Scan# 1014

Delta R.T. 0.10 min

Lab File: BG033004.D

Acq: 6 Mar 2018 1:30

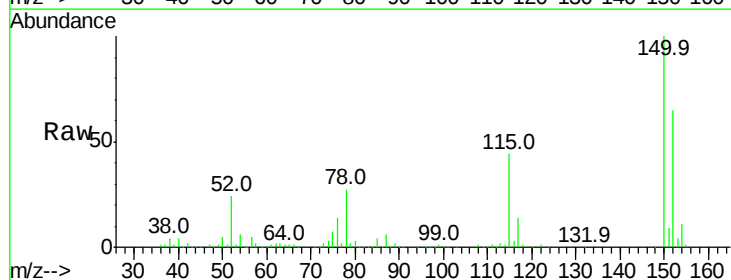
Tgt Ion: 79 Resp: 7858

Ion Ratio Lower Upper

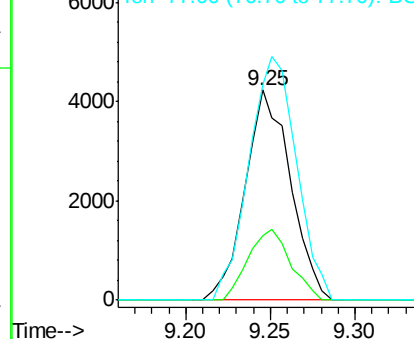
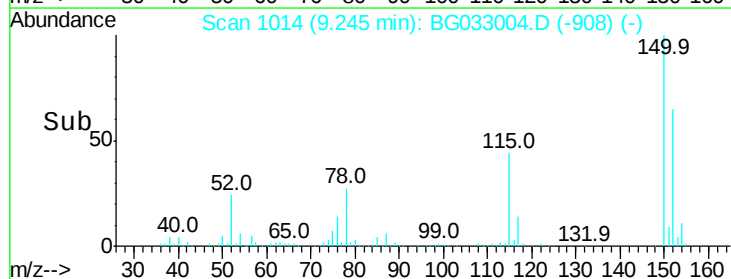
79 100

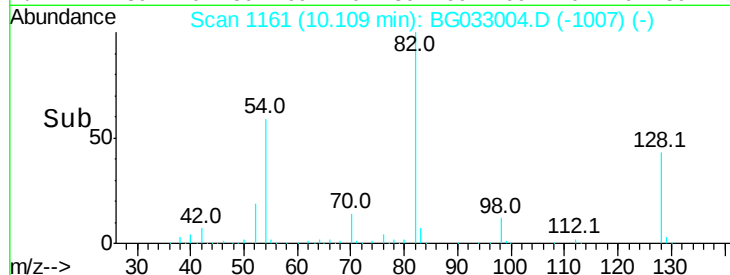
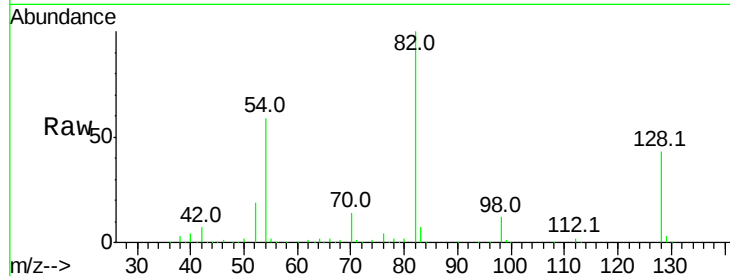
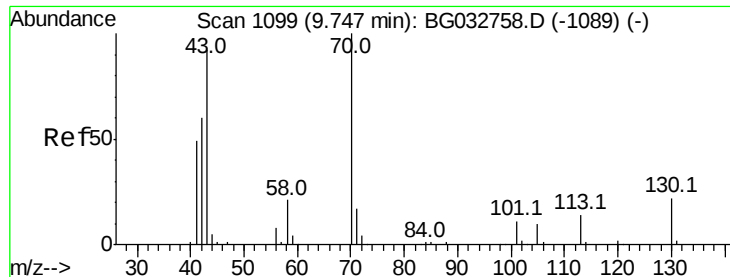
108 30.4 57.2 85.8#

77 102.5 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

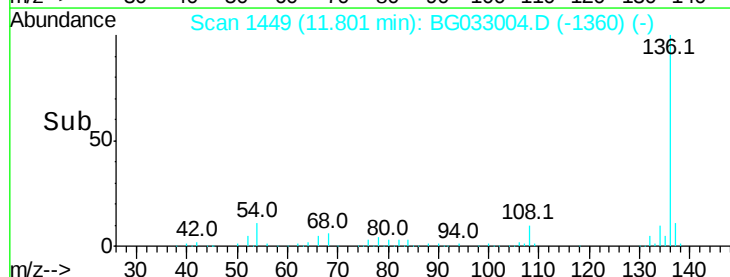
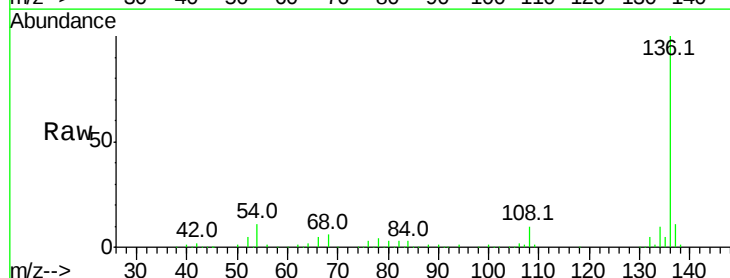
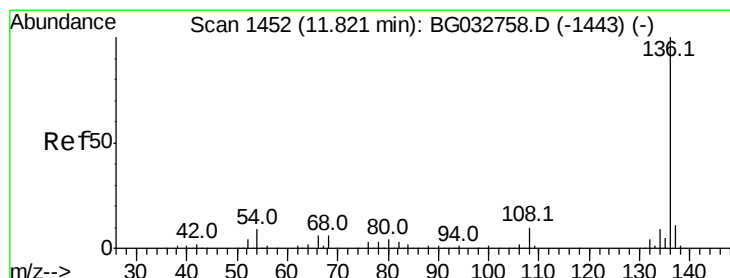
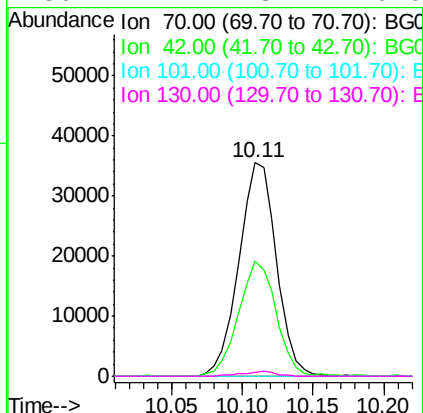




#19
n-Nitroso-di-n-propylamine
Concen: 17.605 ng
RT: 10.11 min Scan# 1161
Delta R.T. 0.38 min
Lab File: BG033004.D
Acq: 6 Mar 2018 1:30

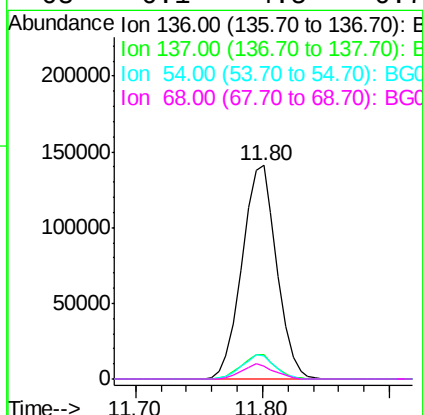
Instrument :
BNA_G
ClientSampleId :

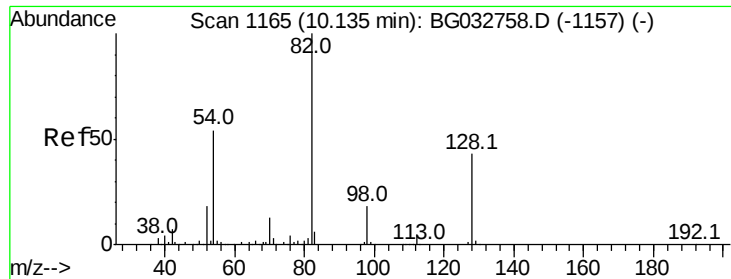
Tot Ion: 70 Resp: 65979
Ion Ratio Lower Upper
70 100
42 53.7 49.1 73.7
101 0.0 8.5 12.7#
130 2.1 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BG033004.D
Acq: 6 Mar 2018 1:30

Tgt Ion: 136 Resp: 265953
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 10.5 10.3 15.5
68 6.1 4.5 6.7

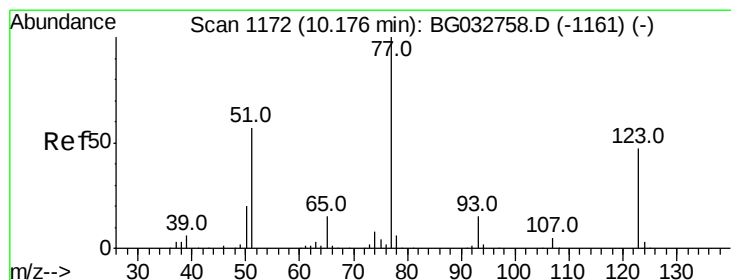
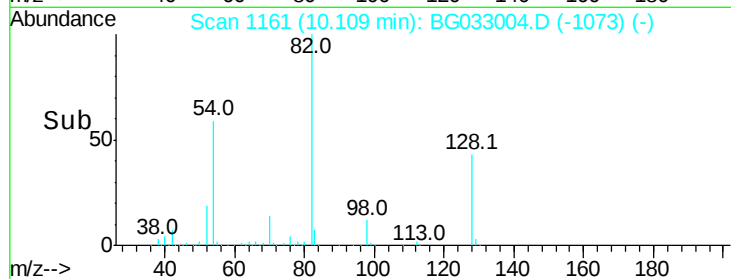
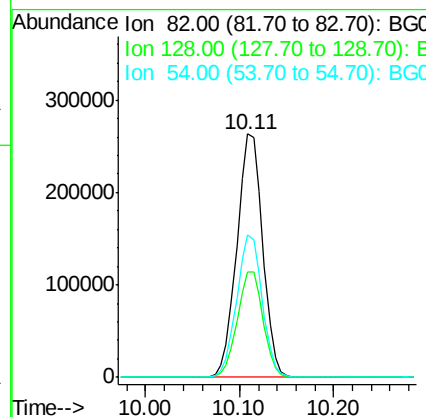
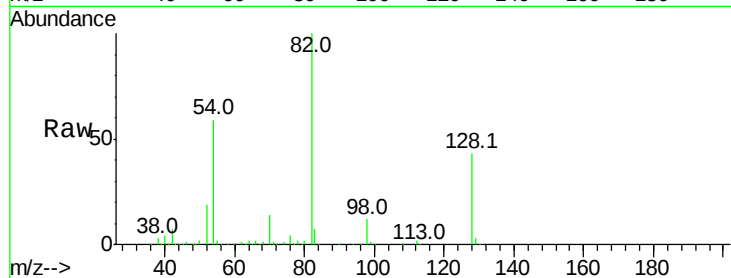




#23
 Nitrobenzene-d5
 Concen: 125.547 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BG033004.D
 Acq: 6 Mar 2018 1:30

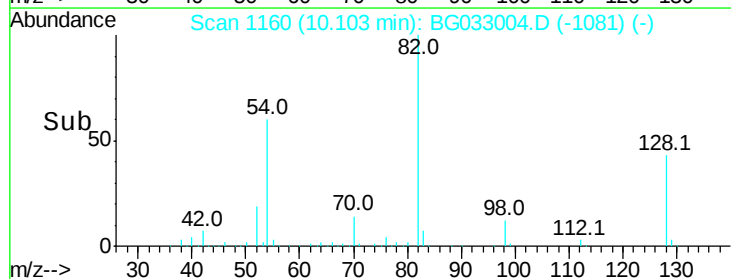
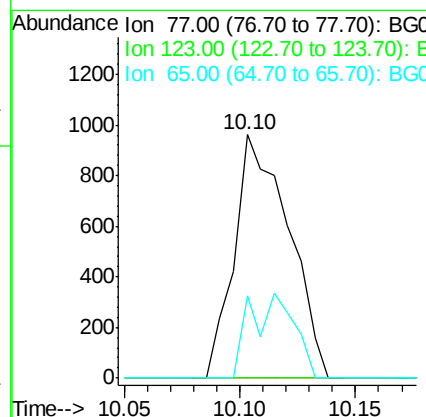
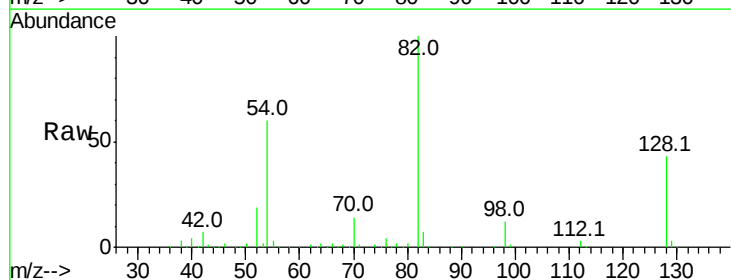
Instrument :
 BNA_G
 ClientSampleId :

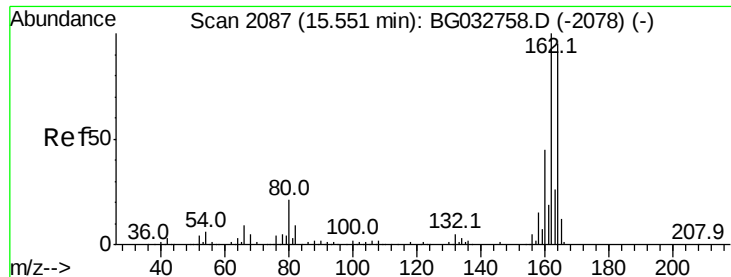
Tot Ion: 82 Resp: 501666
 Ion Ratio Lower Upper
 82 100
 128 43.2 29.7 44.5
 54 58.8 43.1 64.7



#24
 Nitrobenzene
 Concen: 6.702 ng
 RT: 10.10 min Scan# 1160
 Delta R.T. -0.06 min
 Lab File: BG033004.D
 Acq: 6 Mar 2018 1:30

Tgt Ion: 77 Resp: 1575
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.6#
 65 33.8 13.0 19.6#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.53 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BG033004.D

Acq: 6 Mar 2018 1:30

Instrument :

BNA_G

ClientSampleId :

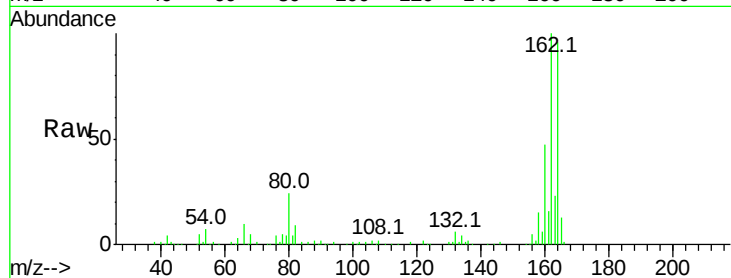
Tot Ion:164 Resp: 148417

Ion Ratio Lower Upper

164 100

162 104.4 78.8 118.2

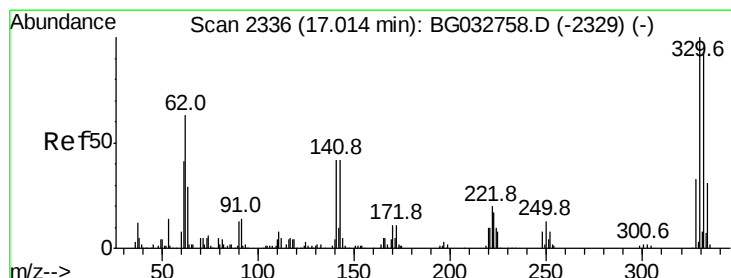
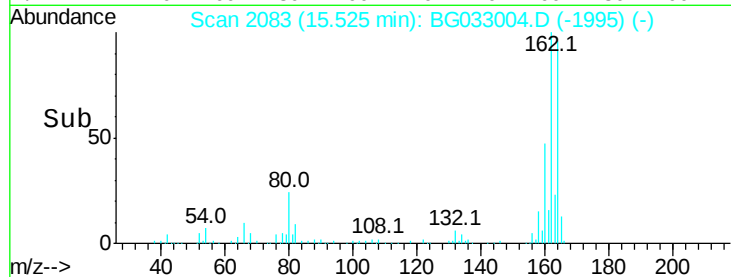
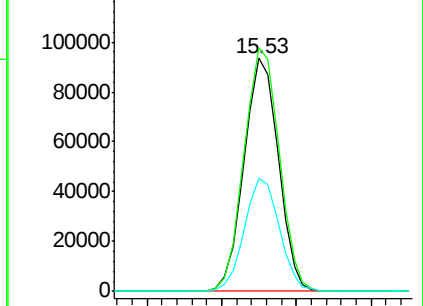
160 48.7 35.4 53.0



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: 166.529 ng

RT: 17.00 min Scan# 2334

Delta R.T. -0.00 min

Lab File: BG033004.D

Acq: 6 Mar 2018 1:30

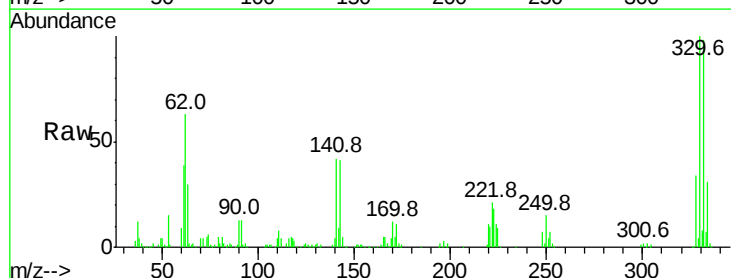
Tgt Ion:330 Resp: 259877

Ion Ratio Lower Upper

330 100

332 97.7 77.0 115.6

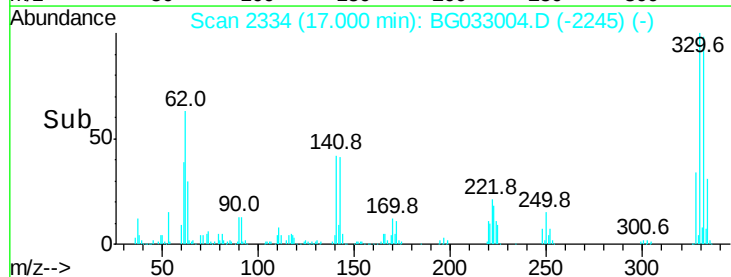
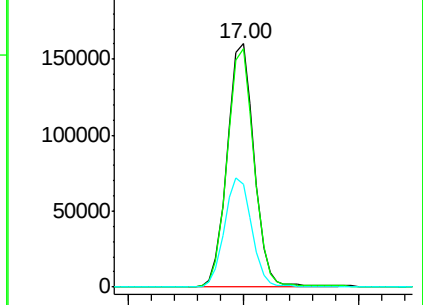
141 45.7 25.2 37.8#

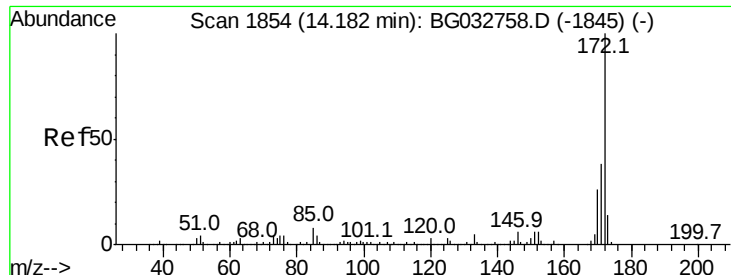


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



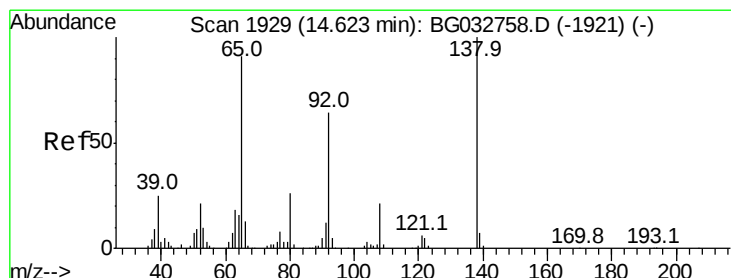
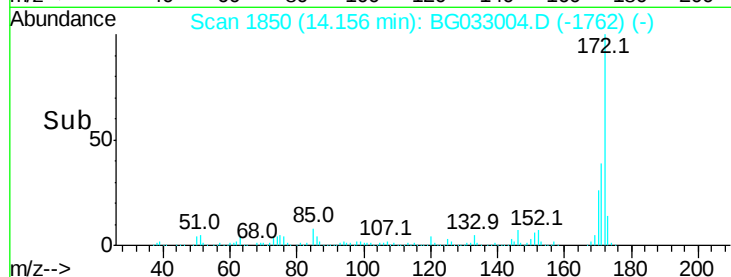
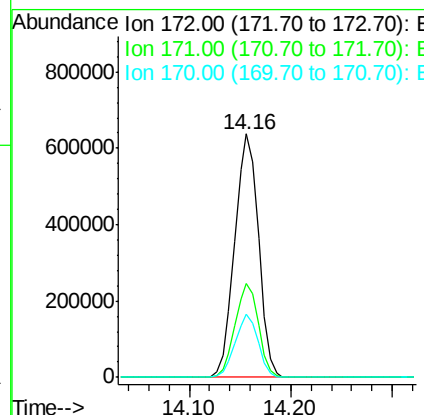
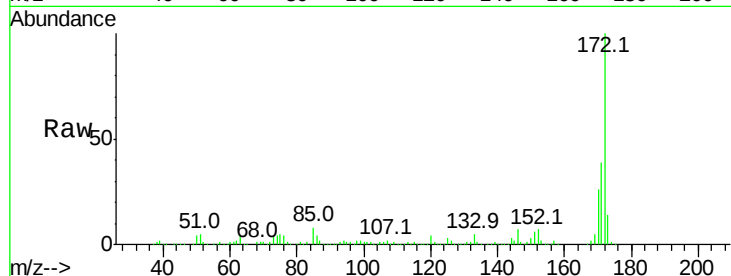


#44
 2-Fluorobiphenyl
 Concen: 100.452 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BG033004.D
 Acq: 6 Mar 2018 1:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1033715

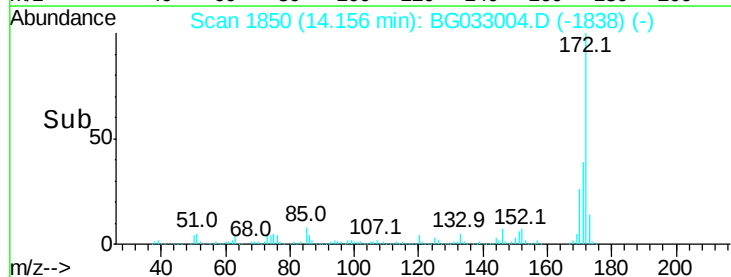
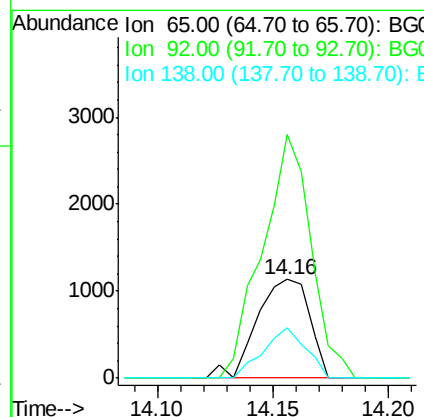
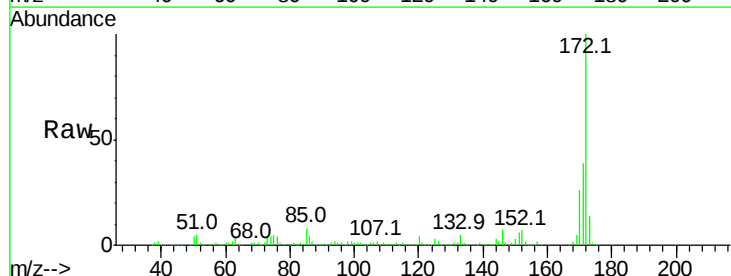
Ion	Ratio	Lower	Upper
172	100		
171	38.7	30.0	45.0
170	25.7	19.5	29.3

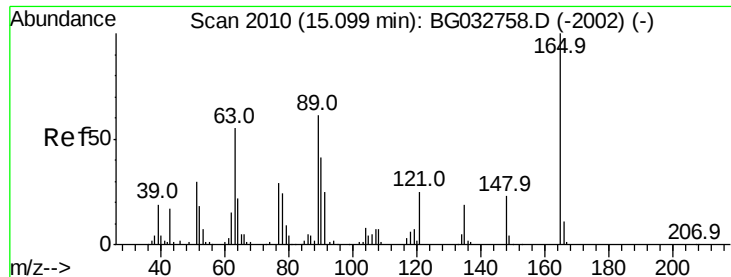


#47
 2-Nitroaniline
 Concen: 10.417 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. -0.46 min
 Lab File: BG033004.D
 Acq: 6 Mar 2018 1:30

Tgt Ion: 65 Resp: 1786

Ion	Ratio	Lower	Upper
65	100		
92	246.5	54.6	82.0#
138	50.8	72.9	109.3#





#50

2,6-Dinitrotoluene

Concen: 16.572 ng

RT: 15.53 min Scan# 2083

Delta R.T. 0.44 min

Lab File: BG033004.D

Acq: 6 Mar 2018 1:30

Instrument :

BNA_G

ClientSampleId :

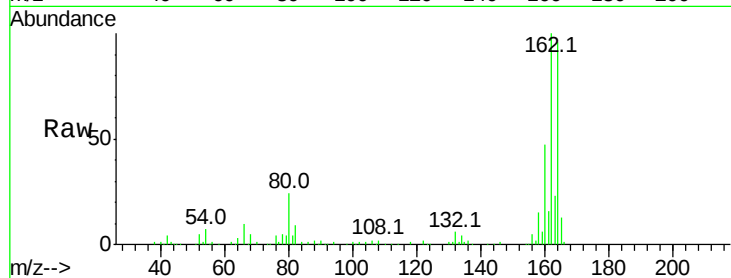
Tot Ion:165 Resp: 19649

Ion Ratio Lower Upper

165 100

63 1.2 52.7 79.1#

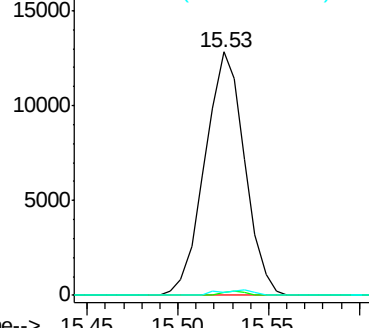
89 1.3 49.2 73.8#



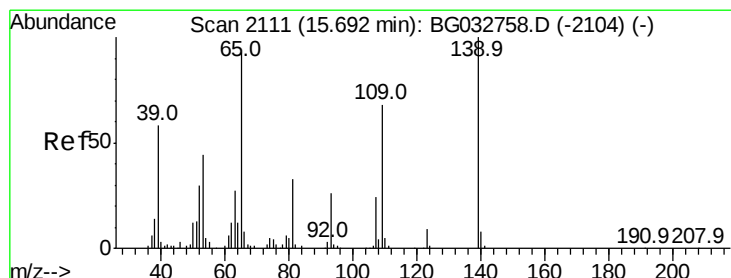
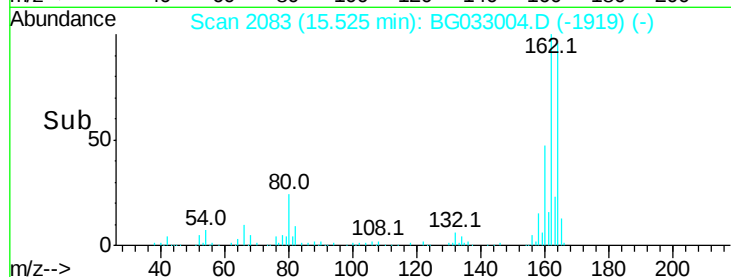
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0



Time--> 15.45 15.50 15.55



#55

4-Nitrophenol

Concen: 7.210 ng

RT: 15.92 min Scan# 2150

Delta R.T. 0.24 min

Lab File: BG033004.D

Acq: 6 Mar 2018 1:30

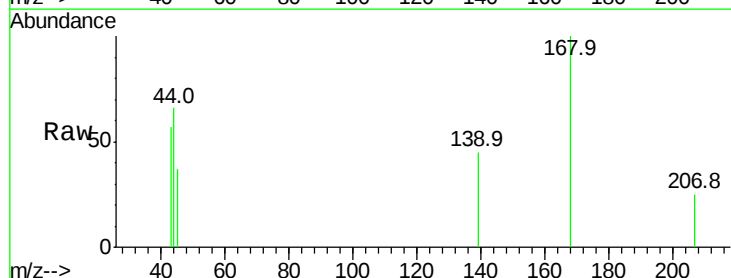
Tgt Ion:139 Resp: 293

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

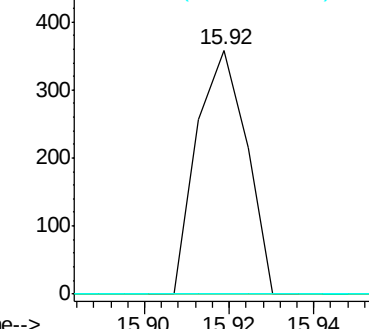
65 0.0 97.2 137.2#



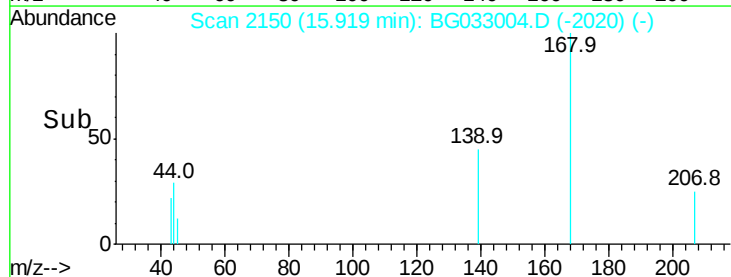
Abundance Ion 139.00 (138.70 to 139.70): E

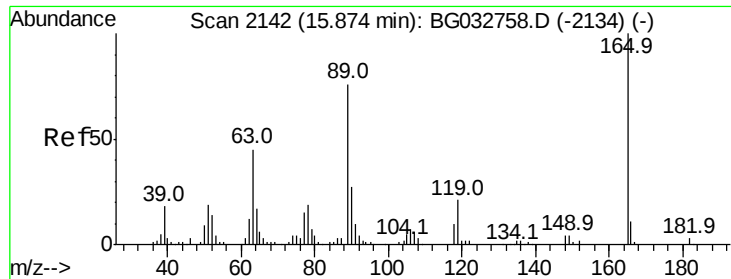
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG0



Time--> 15.90 15.92 15.94

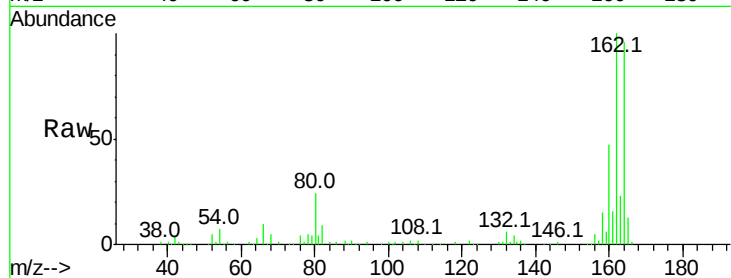




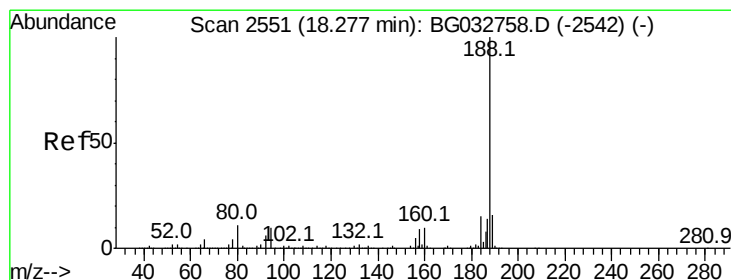
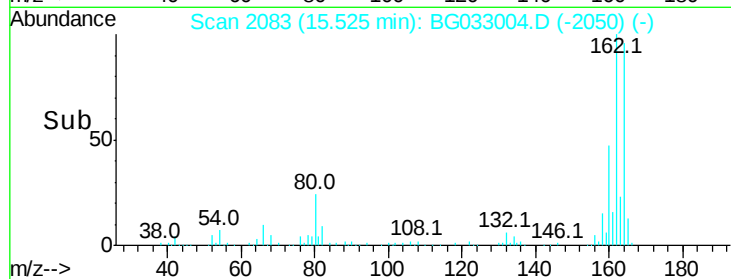
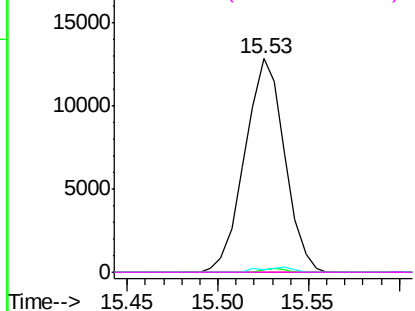
#56
2,4-Dinitrotoluene
Concen: 14.771 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.33 min
Lab File: BG033004.D
Acq: 6 Mar 2018 1:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 19649
Ion Ratio Lower Upper
165 100
63 1.2 42.0 63.0#
89 1.3 66.9 100.3#
182 0.0 2.6 3.8#

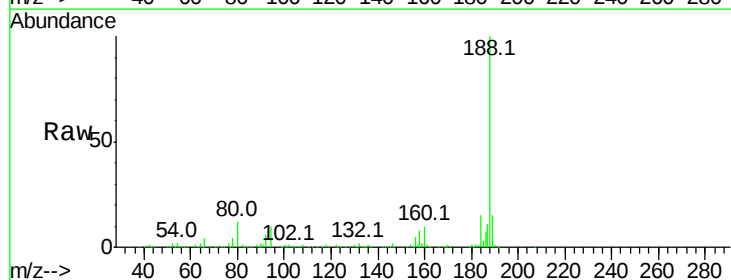


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

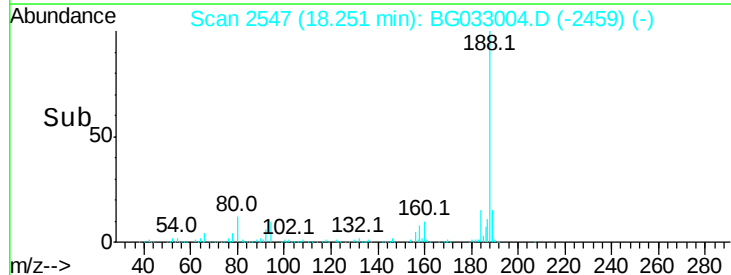
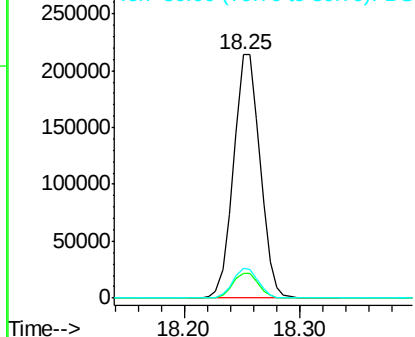


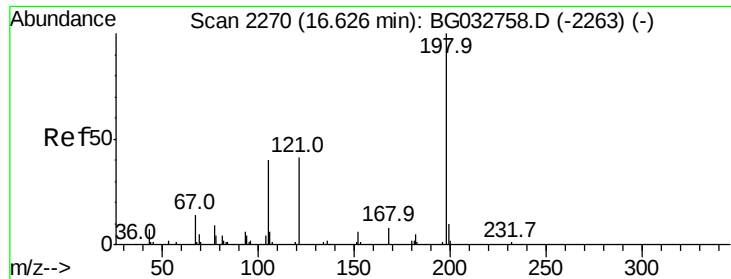
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2547
Delta R.T. -0.01 min
Lab File: BG033004.D
Acq: 6 Mar 2018 1:30

Tgt Ion:188 Resp: 341649
Ion Ratio Lower Upper
188 100
94 10.3 6.9 10.3#
80 12.2 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

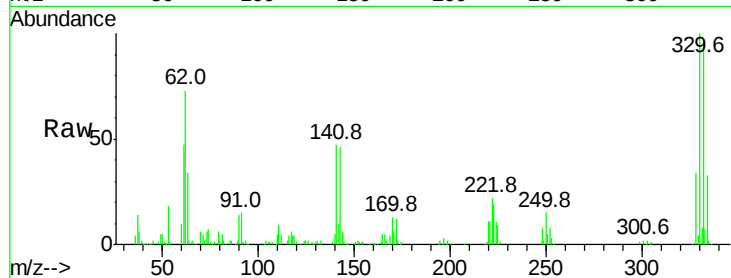




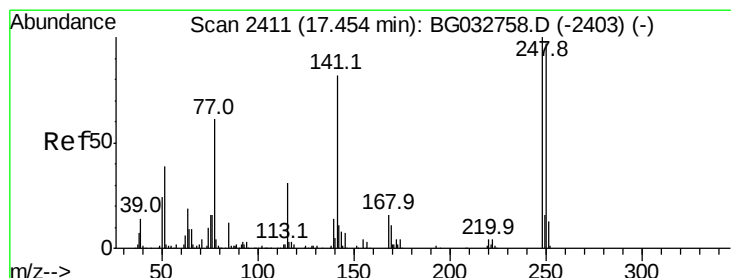
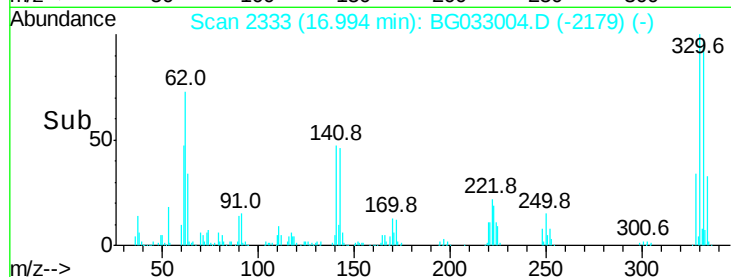
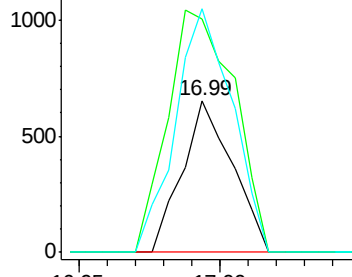
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.945 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. 0.38 min
 Lab File: BG033004.D
 Acq: 6 Mar 2018 1:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 802
 Ion Ratio Lower Upper
 198 100
 51 153.7 30.6 70.6#
 105 160.2 23.8 63.8#

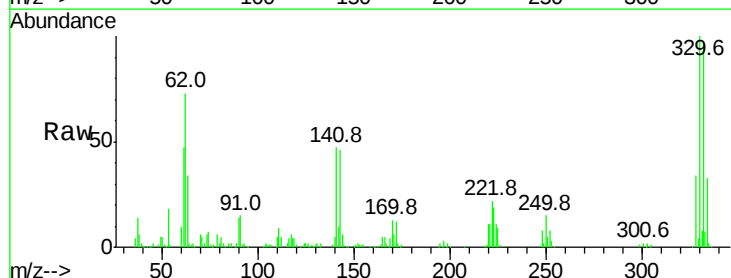


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

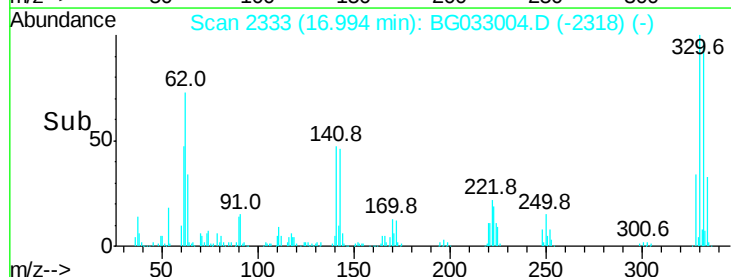
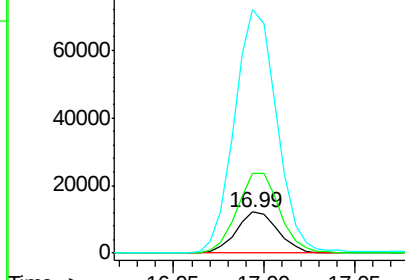


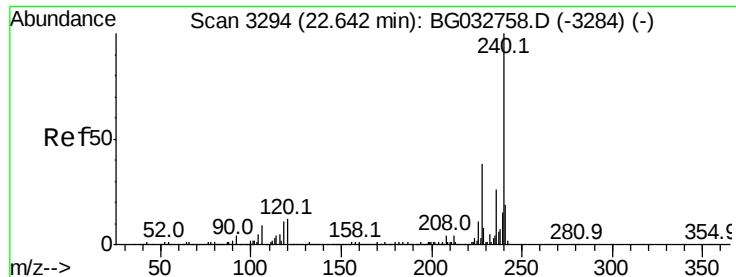
#66
 4-Bromophenyl-phenylether
 Concen: 5.379 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. -0.44 min
 Lab File: BG033004.D
 Acq: 6 Mar 2018 1:30

Tgt Ion:248 Resp: 19432
 Ion Ratio Lower Upper
 248 100
 250 193.3 77.1 115.7#
 141 592.2 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: 22.61 min Scan# 3289

Delta R.T. -0.01 min

Lab File: BG033004.D

Acq: 6 Mar 2018 1:30

Instrument :

BNA_G

ClientSampleId :

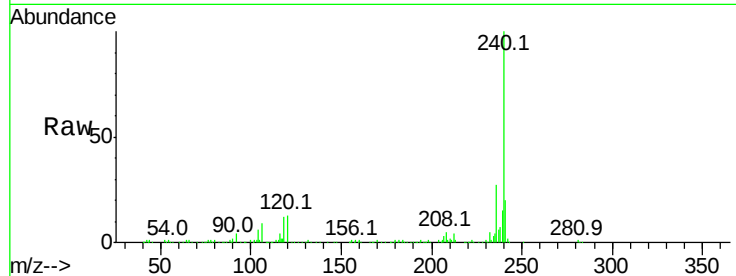
Tot Ion:240 Resp: 308626

Ion Ratio Lower Upper

240 100

120 12.5 6.8 10.2#

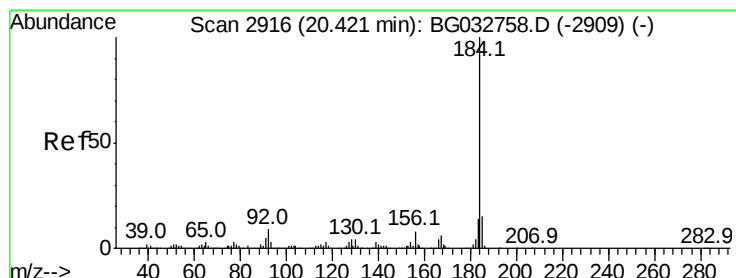
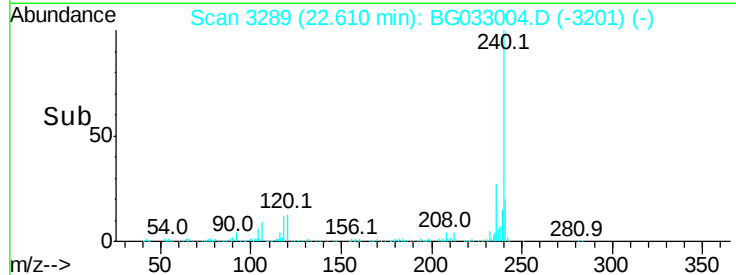
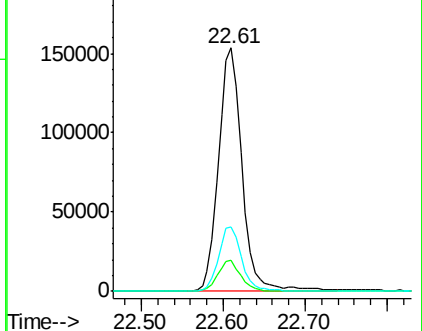
236 26.6 20.9 31.3



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: 2.606 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.36 min

Lab File: BG033004.D

Acq: 6 Mar 2018 1:30

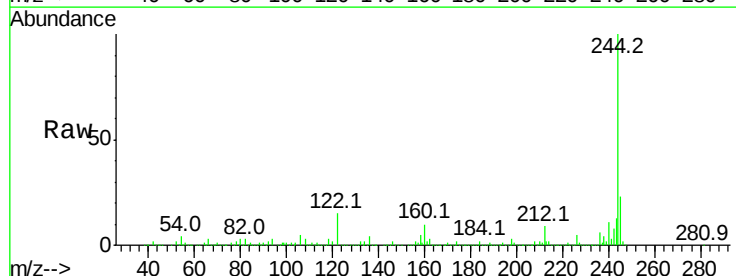
Tgt Ion:184 Resp: 27412

Ion Ratio Lower Upper

184 100

185 17.6 11.1 16.7#

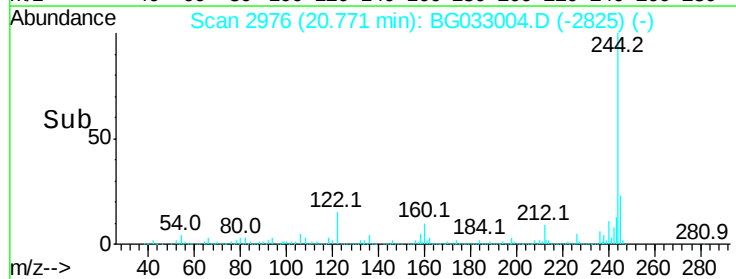
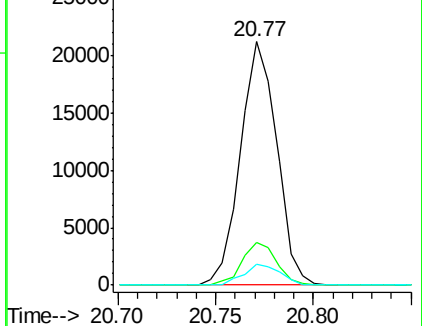
183 8.3 10.6 16.0#

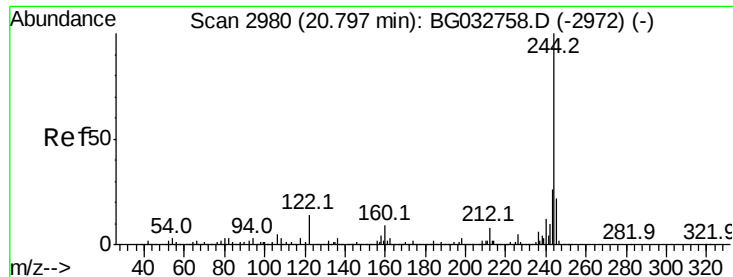


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 111.552 ng

RT: 20.77 min Scan# 2976

Delta R.T. -0.00 min

Lab File: BG033004.D

Acq: 6 Mar 2018 1:30

Instrument :

BNA_G

ClientSampleId :

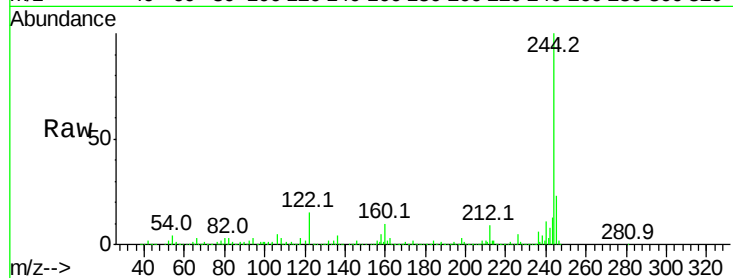
Tot Ion:244 Resp: 1532354

Ion Ratio Lower Upper

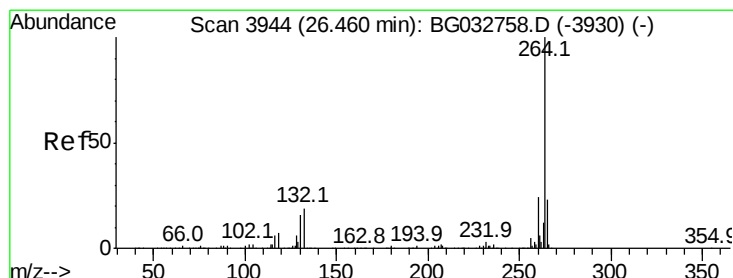
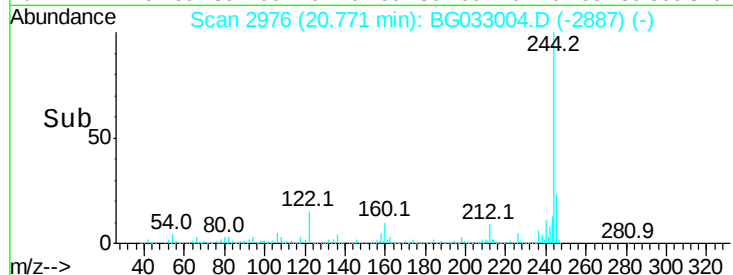
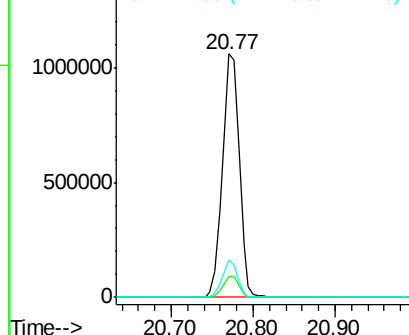
244 100

212 8.6 5.8 8.8

122 15.2 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: 26.41 min Scan# 3936

Delta R.T. -0.02 min

Lab File: BG033004.D

Acq: 6 Mar 2018 1:30

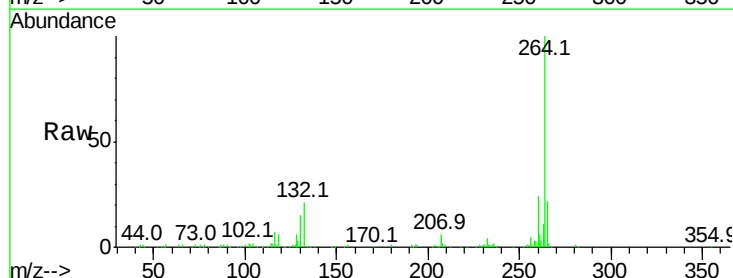
Tgt Ion:264 Resp: 287459

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

265 21.8 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

