

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100403.D
 Acq On : 10 Nov 2017 20:44
 Operator : SJ/JU
 Sample : I6388-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 10 21:58:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	162765	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	614827	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	248372	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	401734	20.00	ng	0.00
75) Chrysene-d12	14.06	240	340611	20.00	ng	0.00
86) Perylene-d12	15.54	264	258092	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	826274	81.38	ng	0.00
7) Phenol-d6	6.53	99	995744	79.53	ng	0.00
23) Nitrobenzene-d5	7.46	82	595502	64.04	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	186454	73.67	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1062325	65.13	ng	0.00
78) Terphenyl-d14	13.01	244	758494	51.17	ng	0.00

Target Compounds

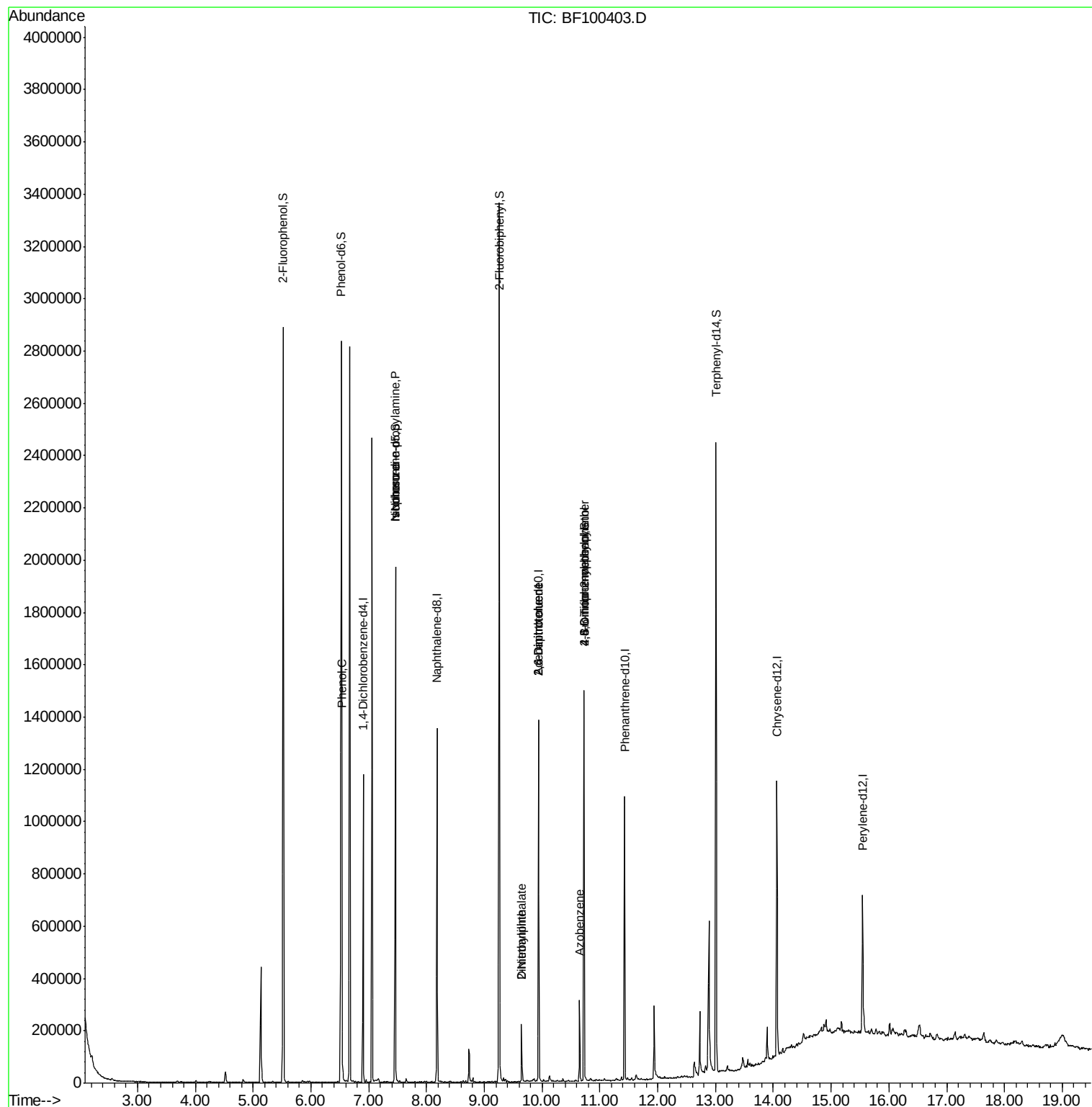
						Qvalue
10) Phenol	6.54	94	32980	2.509	ng	97
19) n-Nitroso-di-n-propylamine	7.46	70	78946	9.092	ng	# 81
25) Isophorone	7.46	82	592333	30.310	ng	# 64
47) 2-Nitroaniline	9.65	65	886	2.965	ng	# 1
49) Dimethylphthalate	9.65	163	94604	4.989	ng	# 97
50) 2,6-Dinitrotoluene	9.94	165	31917	8.503	ng	# 26
56) 2,4-Dinitrotoluene	9.94	165	31917	6.740	ng	# 24
62) Azobenzene	10.65	77	51277	2.869	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.73	198	328	8.703	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	11977	2.781	ng	# 1

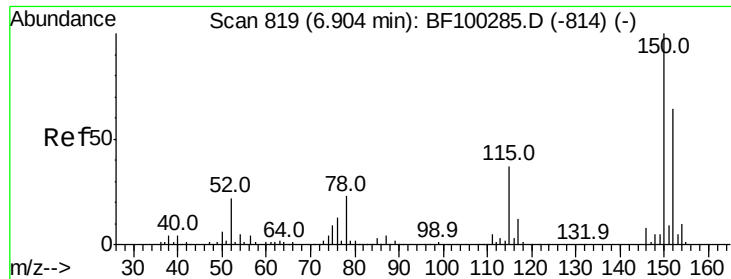
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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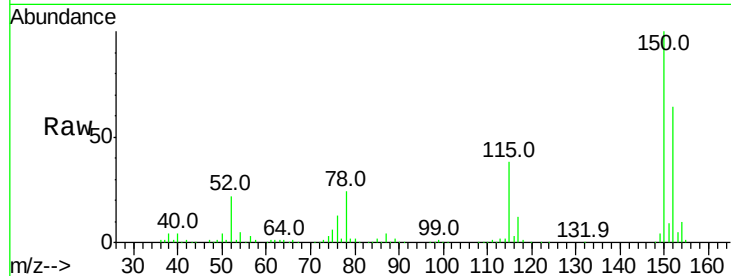


#1

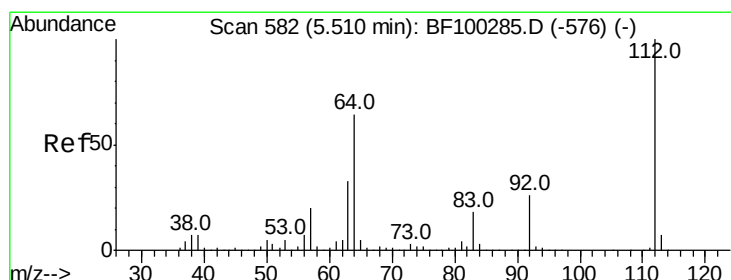
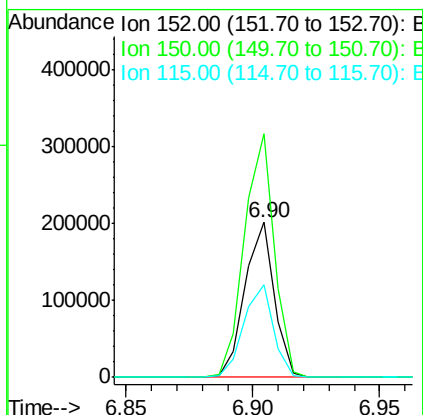
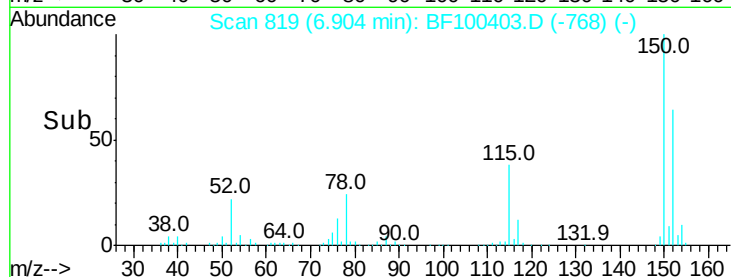
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100403.D
Acq: 10 Nov 2017 20:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 162765
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 59.8 50.1 75.1



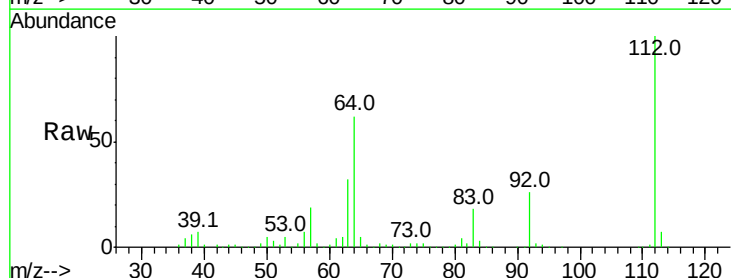
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



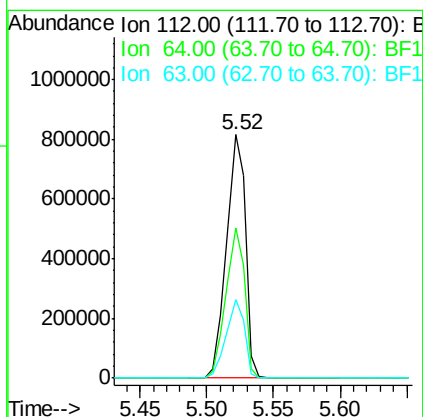
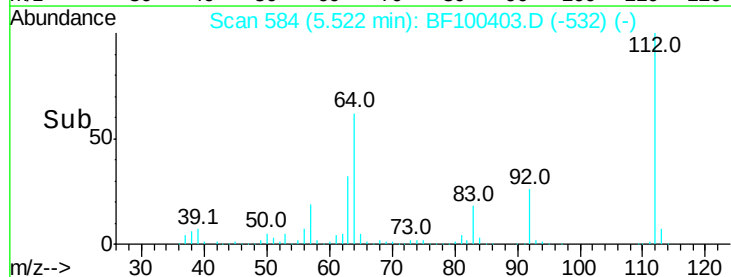
#5

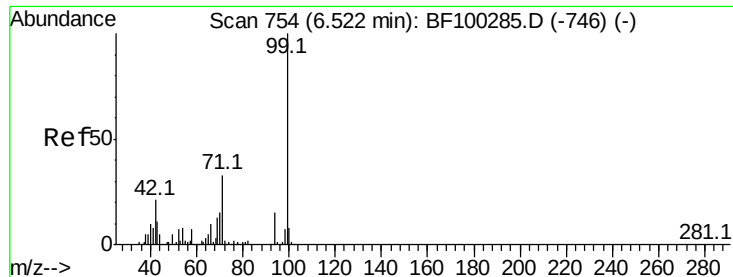
2-Fluorophenol
Concen: 81.375 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF100403.D
Acq: 10 Nov 2017 20:44

Tgt Ion:112 Resp: 826274
Ion Ratio Lower Upper
112 100
64 61.8 47.9 71.9
63 32.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 79.526 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF100403.D

Acq: 10 Nov 2017 20:44

Instrument :

BNA_F

ClientSampleId :

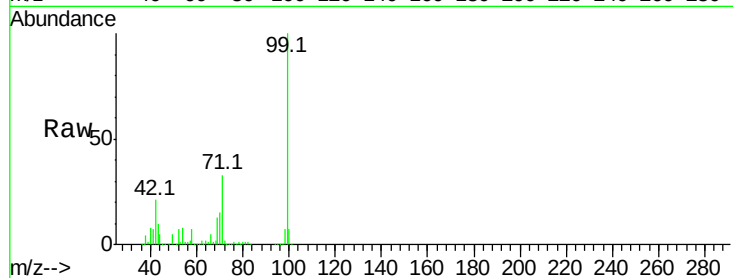
Tot Ion: 99 Resp: 995744

Ion Ratio Lower Upper

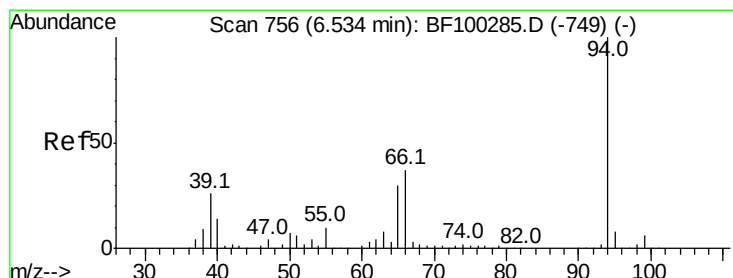
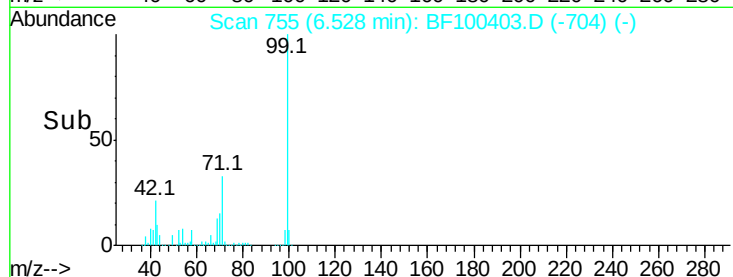
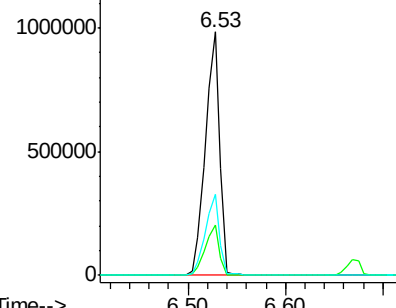
99 100

42 20.7 14.5 21.7

71 33.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.509 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF100403.D

Acq: 10 Nov 2017 20:44

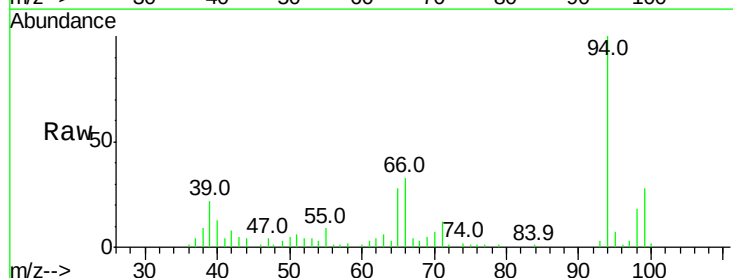
Tgt Ion: 94 Resp: 32980

Ion Ratio Lower Upper

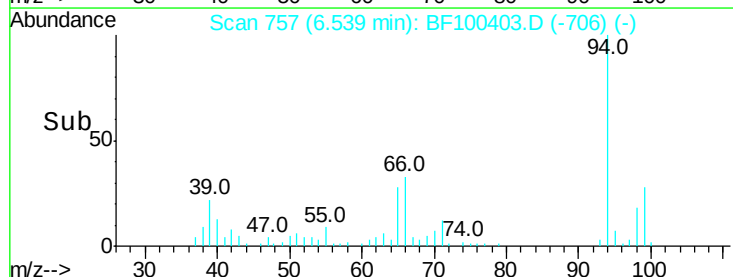
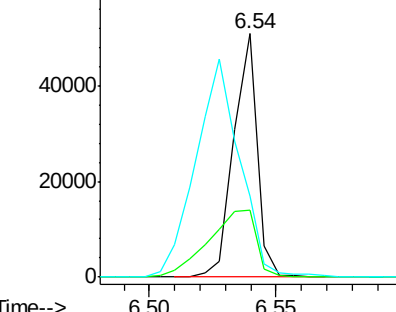
94 100

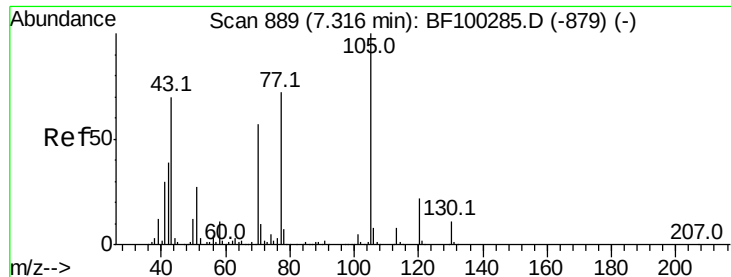
65 27.7 7.9 47.9

66 33.3 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 9.092 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.15 min

Lab File: BF100403.D

Acq: 10 Nov 2017 20:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 78946

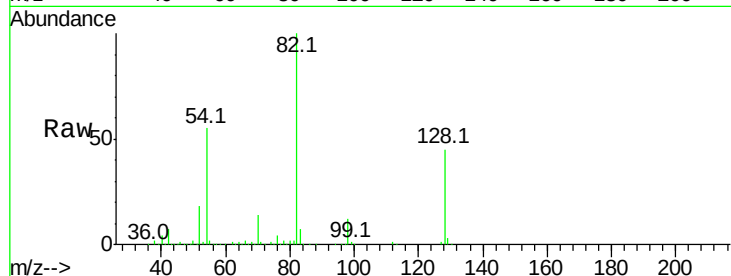
Ion Ratio Lower Upper

70 100

42 51.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

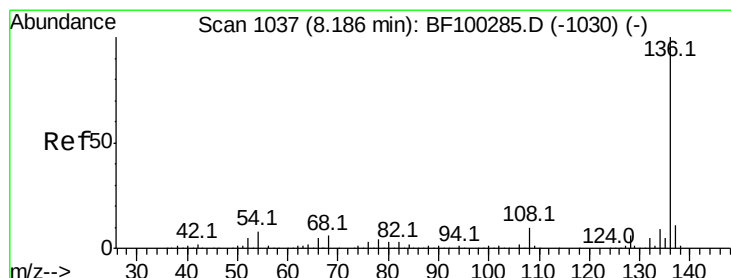
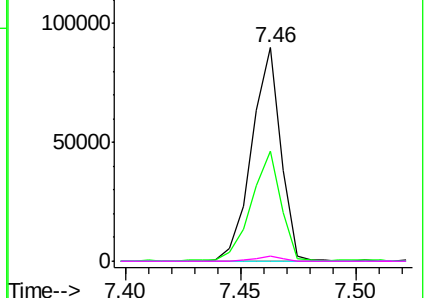
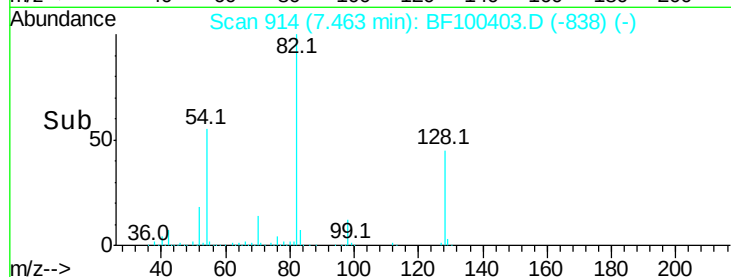


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF100403.D

Acq: 10 Nov 2017 20:44

Tgt Ion:136 Resp: 614827

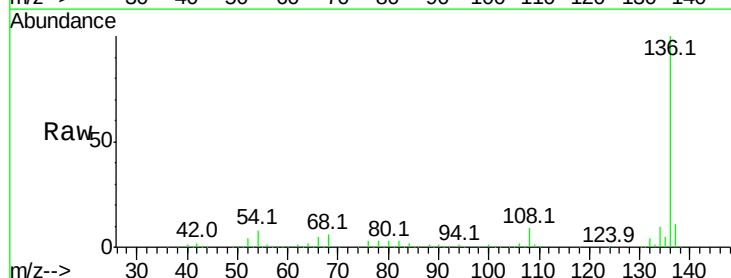
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 8.4 6.6 9.8

68 6.0 5.0 7.4

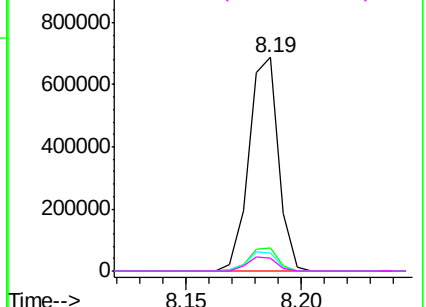
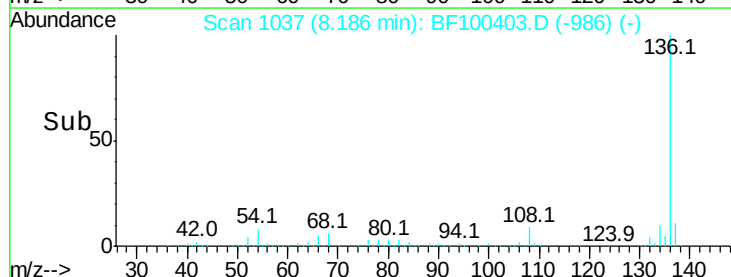


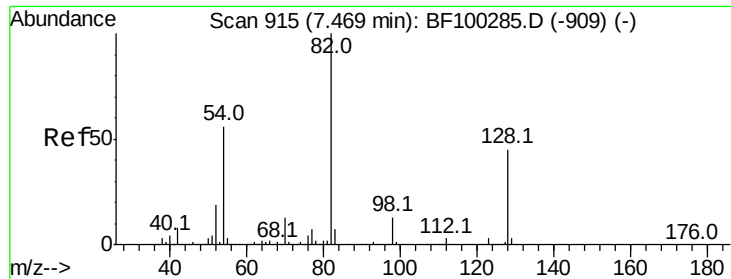
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

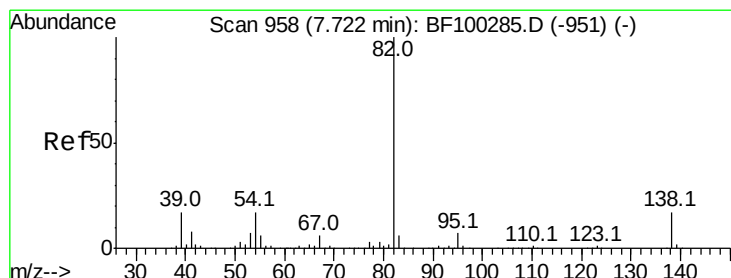
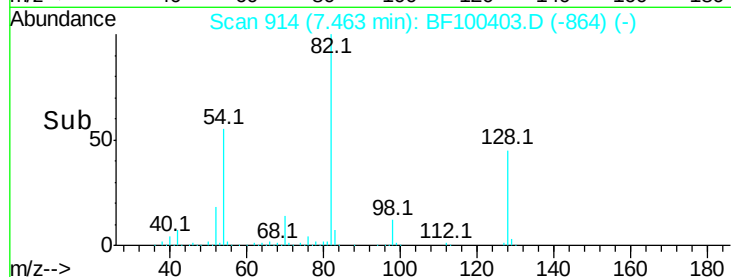
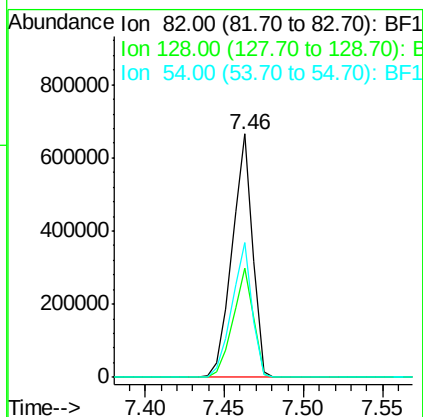
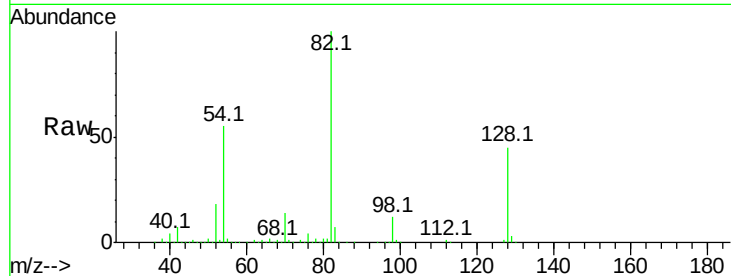




#23
 Nitrobenzene-d5
 Concen: 64.035 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF100403.D
 Acq: 10 Nov 2017 20:44

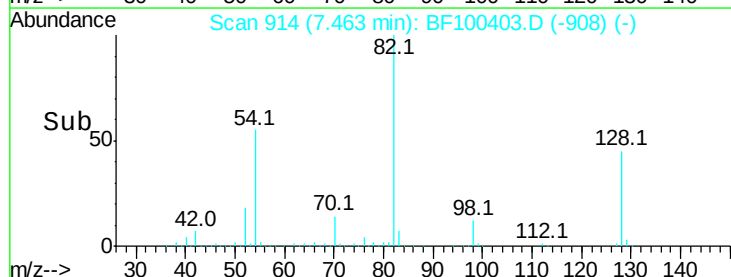
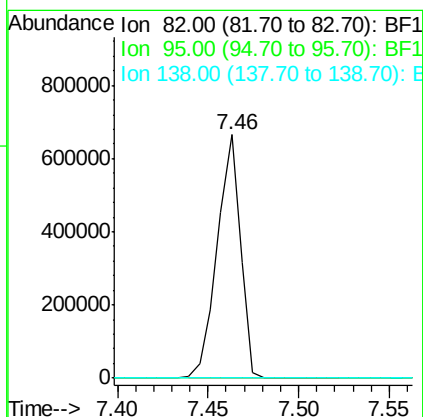
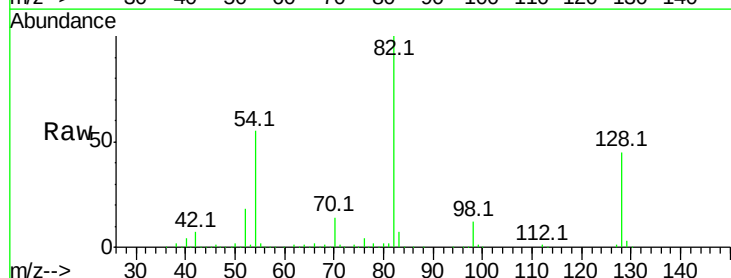
Instrument :
 BNA_F
 ClientSampled :

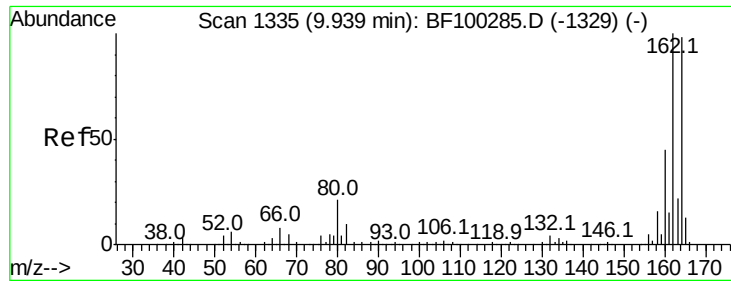
Tot Ion	82	Resp	595502
Ion Ratio	100	Lower	Upper
128	44.6	36.1	54.1
54	55.4	41.4	62.2



#25
 Isophorone
 Concen: 30.310 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.26 min
 Lab File: BF100403.D
 Acq: 10 Nov 2017 20:44

Tgt Ion	82	Resp	592333
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

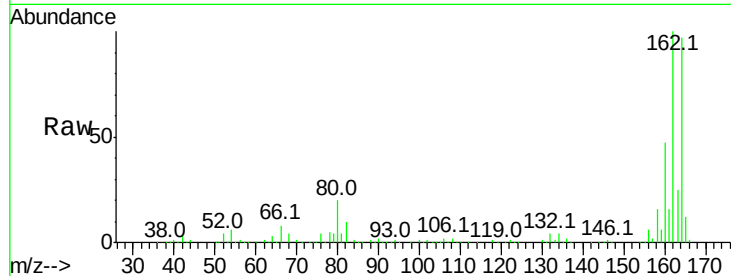




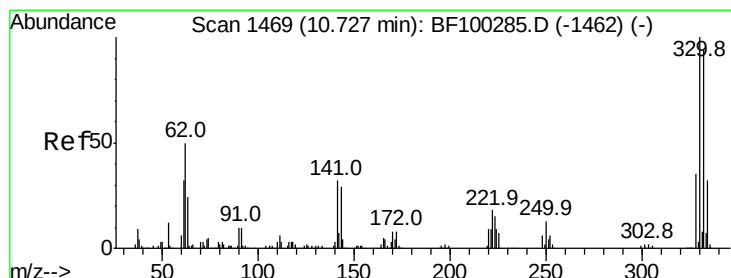
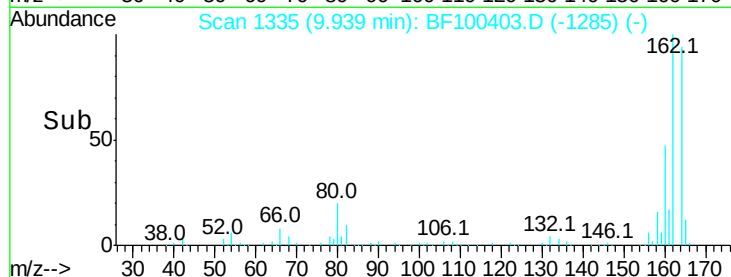
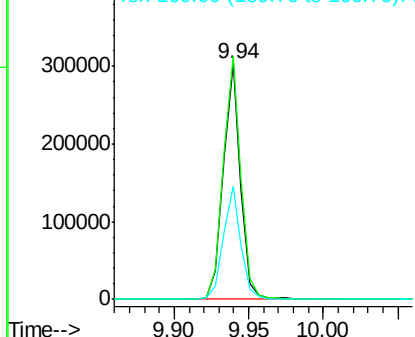
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100403.D
Acq: 10 Nov 2017 20:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 248372
Ion Ratio Lower Upper
164 100
162 103.4 86.1 129.1
160 48.2 38.3 57.5

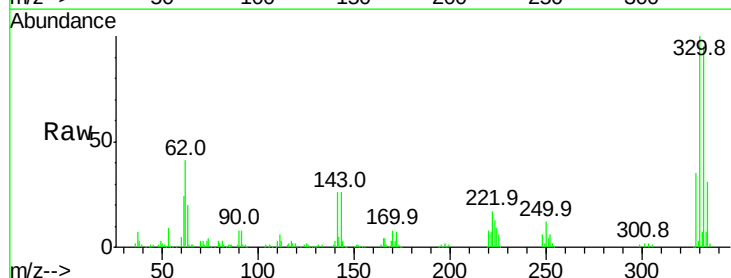


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

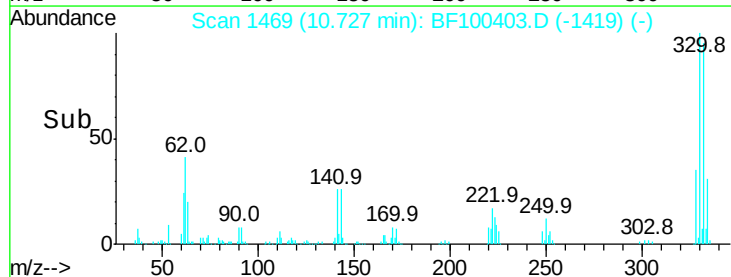
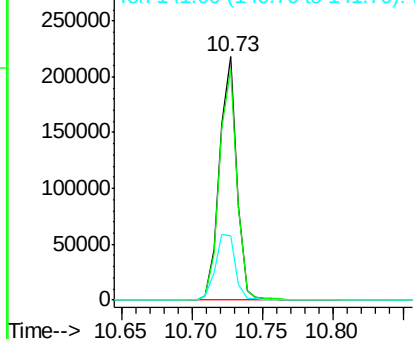


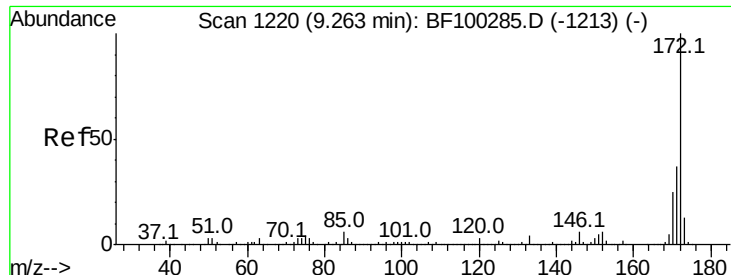
#41
2,4,6-Tribromophenol
Concen: 73.671 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100403.D
Acq: 10 Nov 2017 20:44

Tgt Ion:330 Resp: 186454
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 31.1 29.9 44.9



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

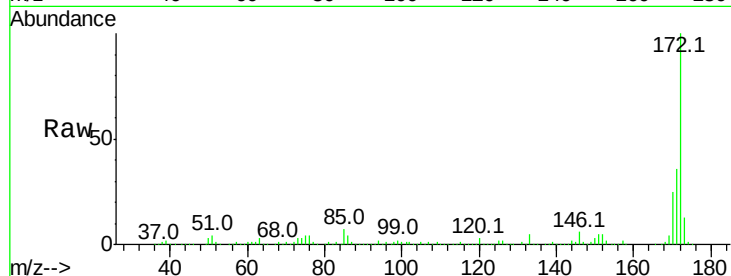




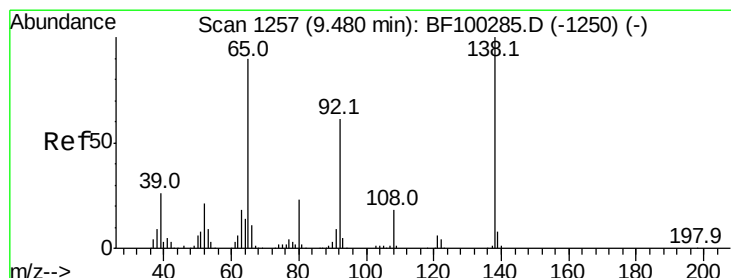
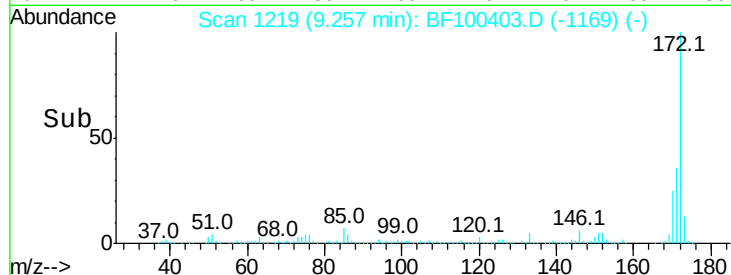
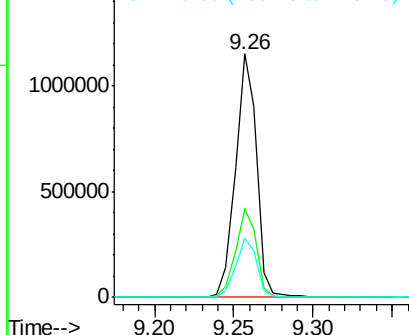
#44
2-Fluorobiphenyl
Concen: 65.129 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100403.D
Acq: 10 Nov 2017 20:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1062325
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.5 19.6 29.4

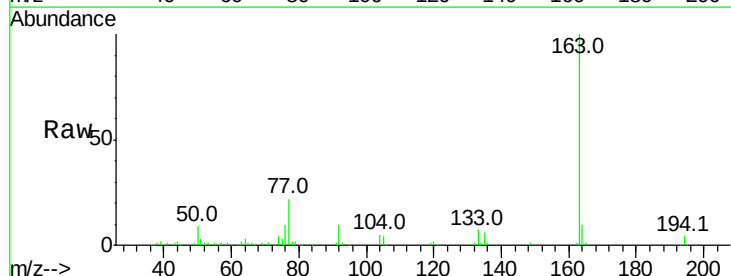


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

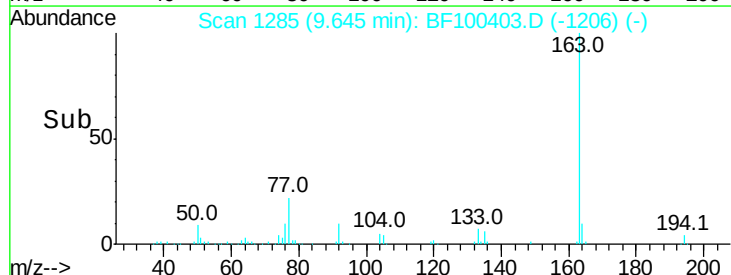
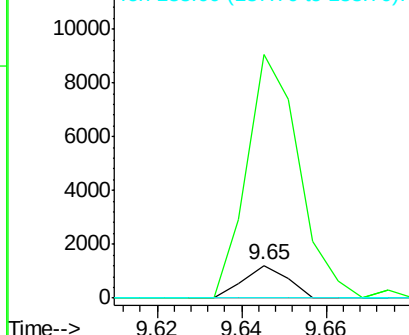


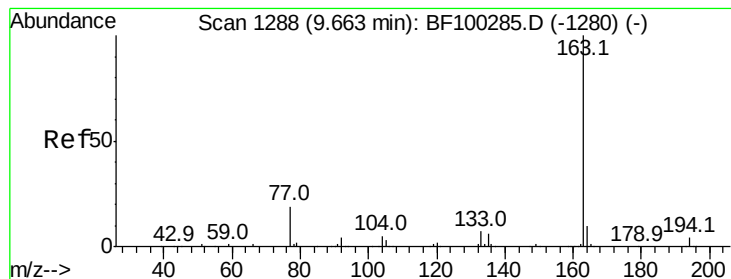
#47
2-Nitroaniline
Concen: 2.965 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.16 min
Lab File: BF100403.D
Acq: 10 Nov 2017 20:44

Tgt Ion: 65 Resp: 886
Ion Ratio Lower Upper
65 100
92 743.5 55.8 83.6#
138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Dimethylphthalate

Concen: 4.989 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF100403.D

Acq: 10 Nov 2017 20:44

Instrument :

BNA_F

ClientSampled :

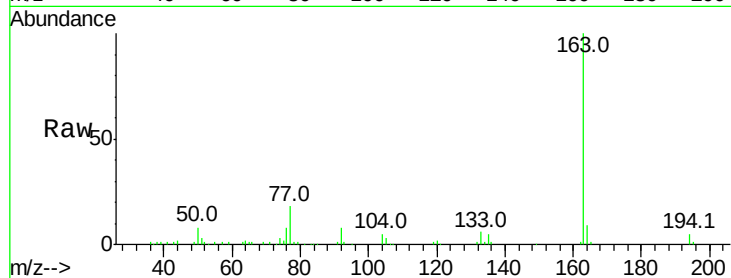
Tot Ion:163 Resp: 94604

Ion Ratio Lower Upper

163 100

194 4.7 2.7 4.1#

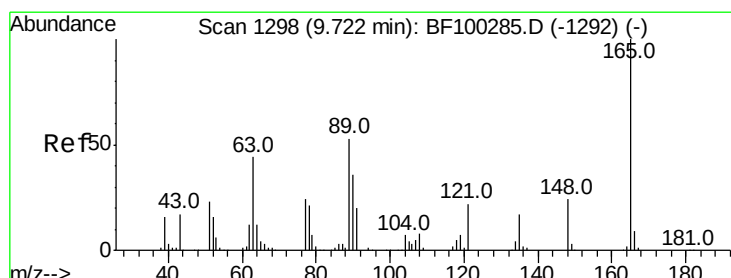
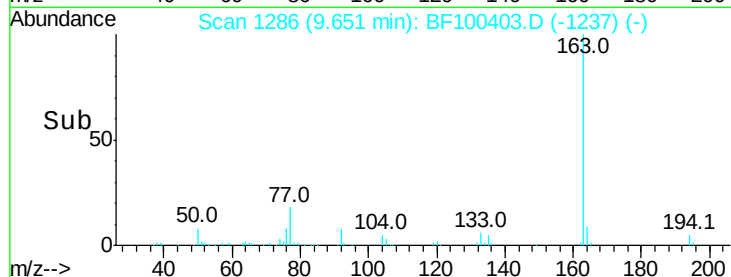
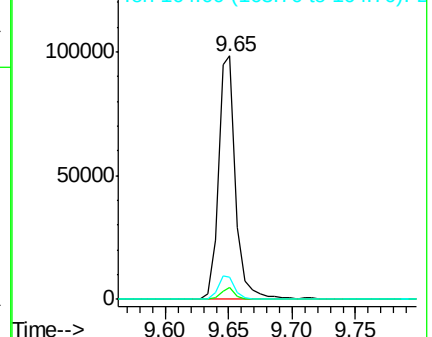
164 9.1 8.2 12.2



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: 8.503 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.22 min

Lab File: BF100403.D

Acq: 10 Nov 2017 20:44

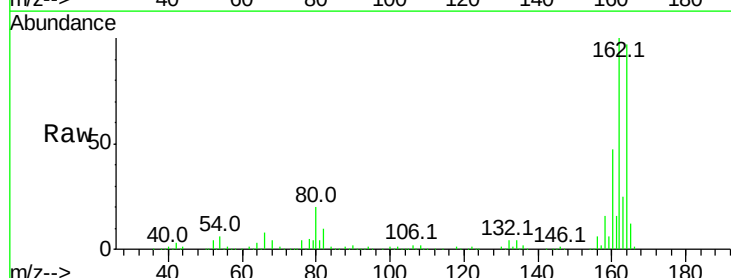
Tgt Ion:165 Resp: 31917

Ion Ratio Lower Upper

165 100

63 1.5 44.7 67.1#

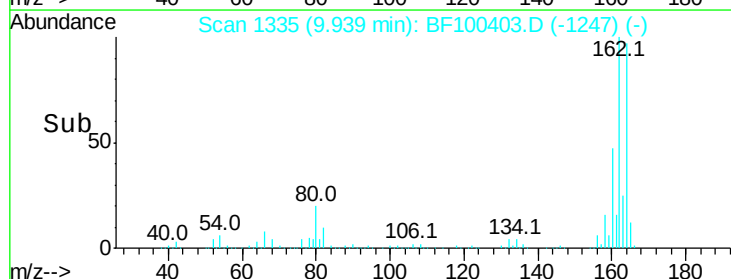
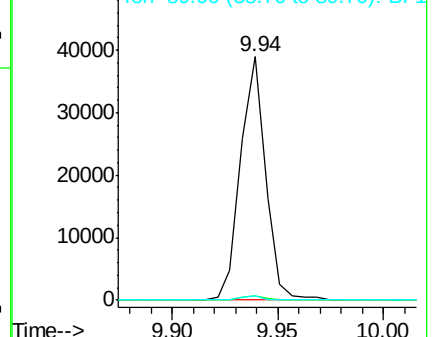
89 1.9 44.0 66.0#

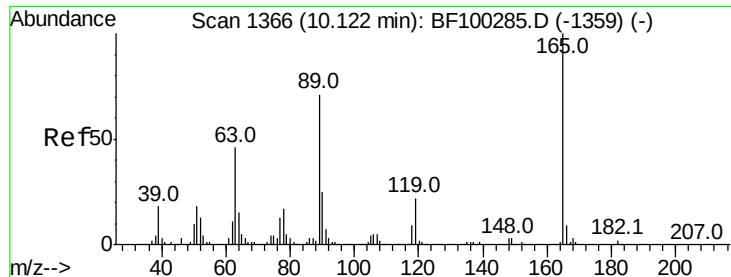


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

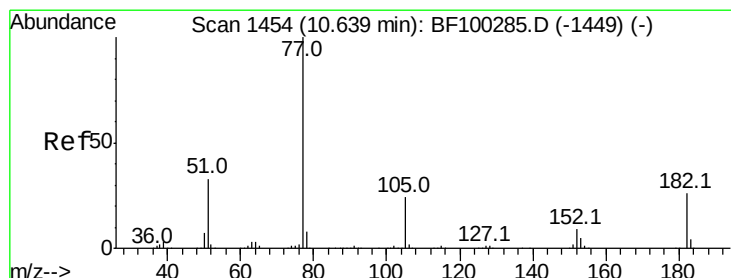
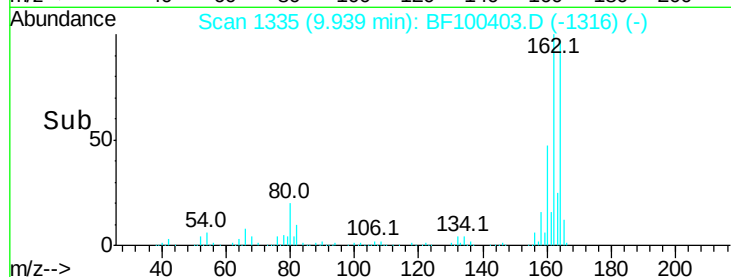
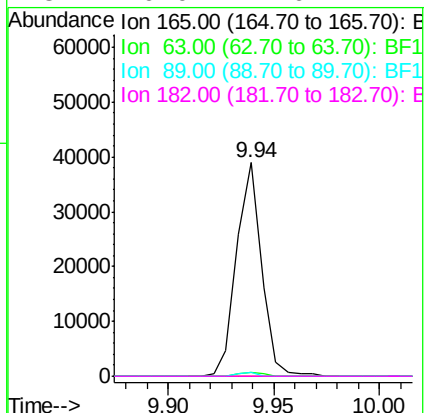
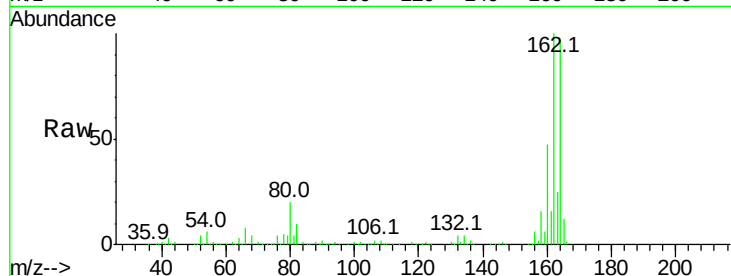




#56
 2,4-Dinitrotoluene
 Concen: 6.740 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.19 min
 Lab File: BF100403.D
 Acq: 10 Nov 2017 20:44

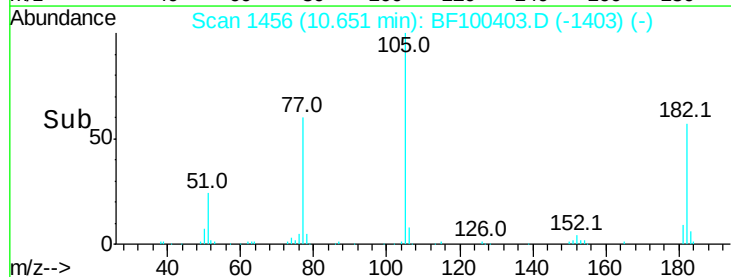
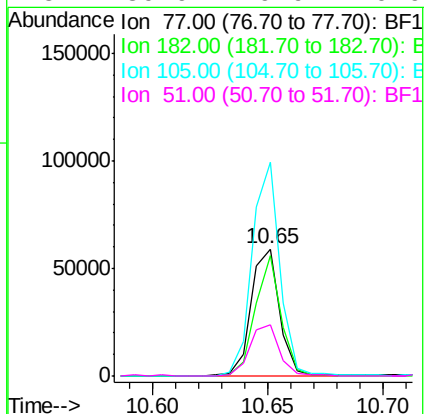
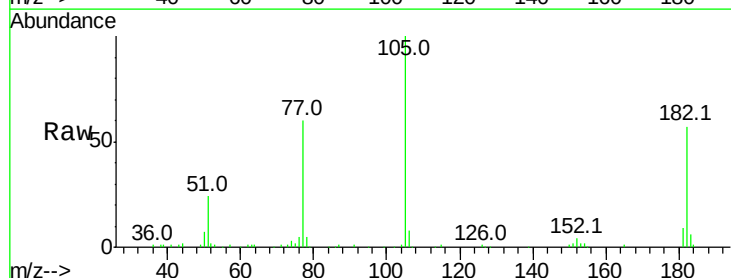
Instrument :
 BNA_F
 ClientSampled :

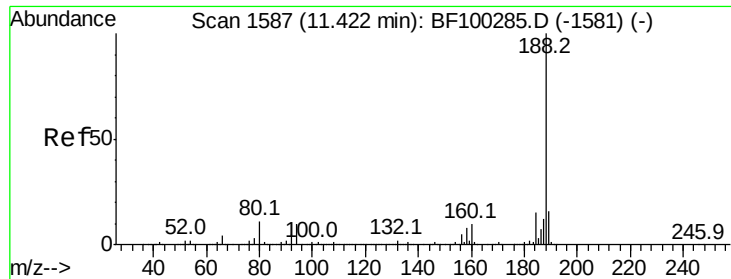
Tot Ion:	165	Resp:	31917
Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#



#62
 Azobenzene
 Concen: 2.869 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.01 min
 Lab File: BF100403.D
 Acq: 10 Nov 2017 20:44

Tgt Ion:	77	Resp:	51277
Ion	Ratio	Lower	Upper
77	100		
182	95.0	1.7	41.7#
105	167.9	3.0	43.0#
51	39.9	9.9	49.9

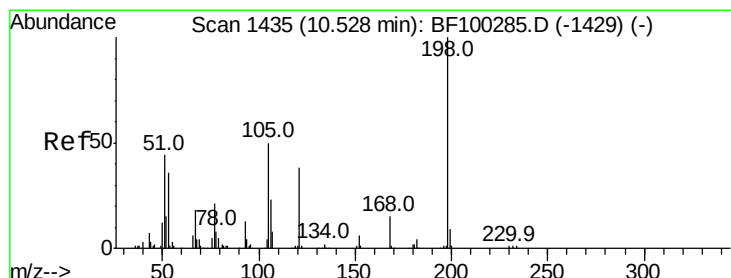
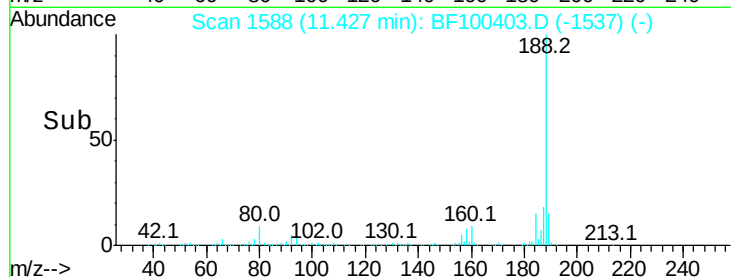
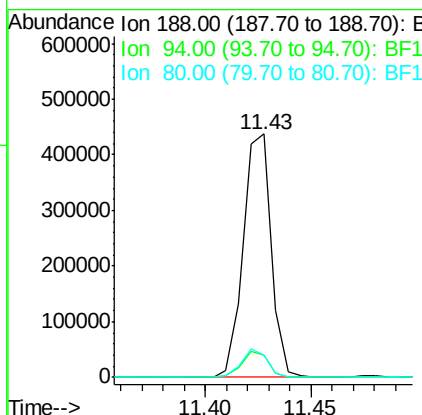
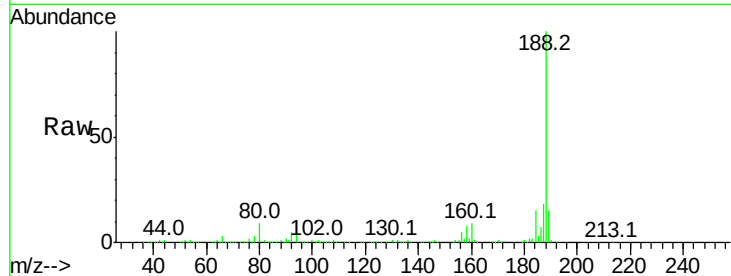




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BF100403.D
 Acq: 10 Nov 2017 20:44

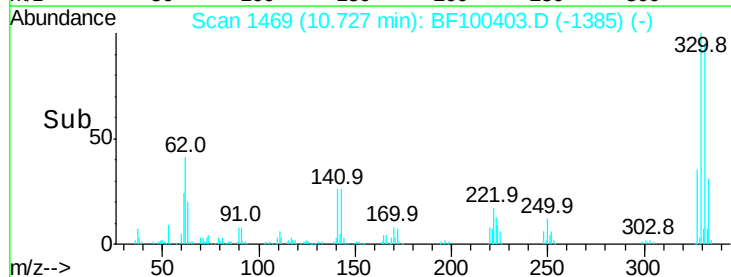
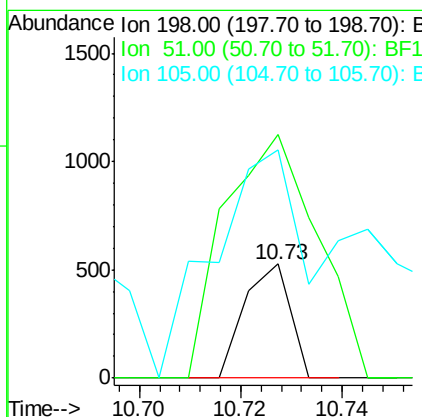
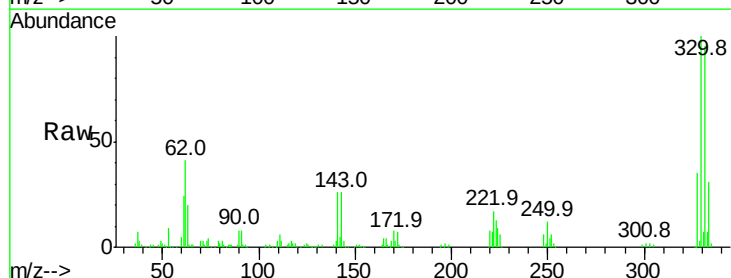
Instrument :
 BNA_F
 ClientSampled :

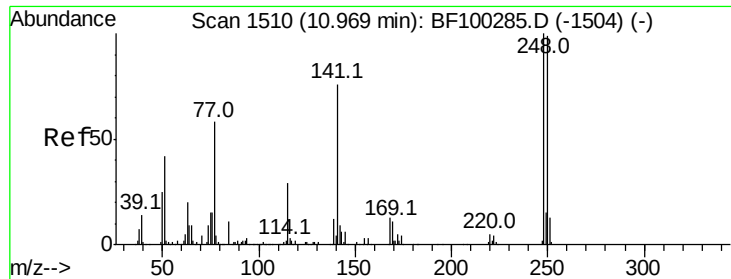
Tot Ion:188 Resp: 401734
 Ion Ratio Lower Upper
 188 100
 94 9.1 8.5 12.7
 80 9.4 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.703 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.19 min
 Lab File: BF100403.D
 Acq: 10 Nov 2017 20:44

Tgt Ion:198 Resp: 328
 Ion Ratio Lower Upper
 198 100
 51 214.1 37.7 77.7#
 105 200.2 36.3 76.3#

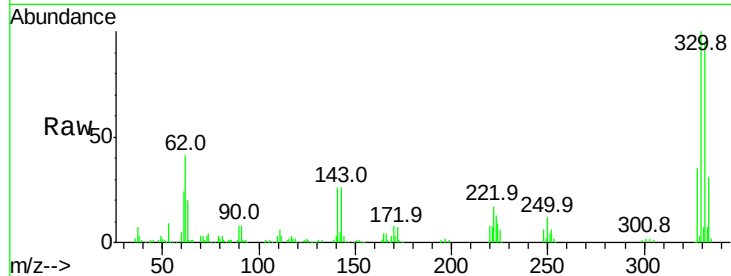




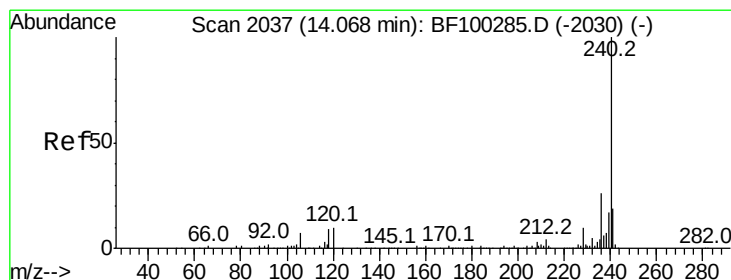
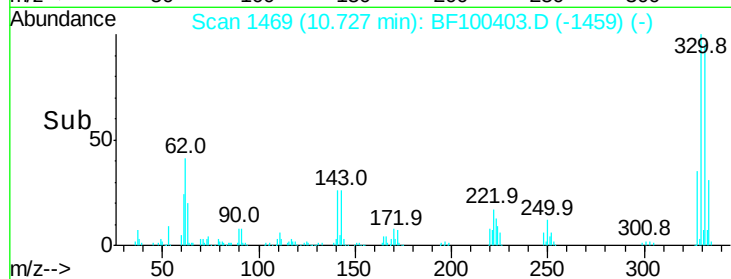
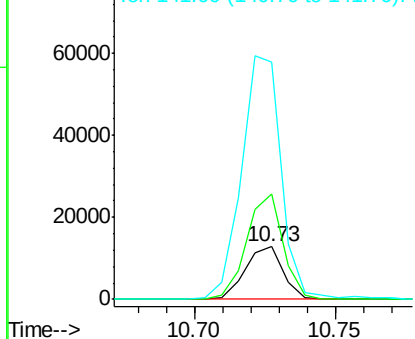
#66
4-Bromophenyl-phenylether
Concen: 2.781 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF100403.D
Acq: 10 Nov 2017 20:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 11977
Ion Ratio Lower Upper
248 100
250 199.7 76.9 115.3#
141 449.0 74.4 111.6#

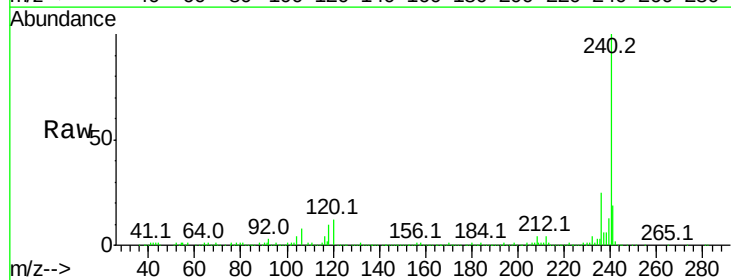


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

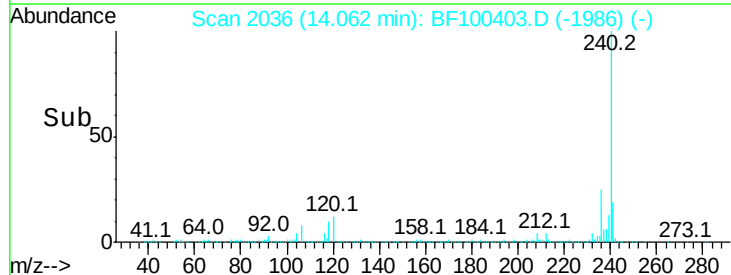
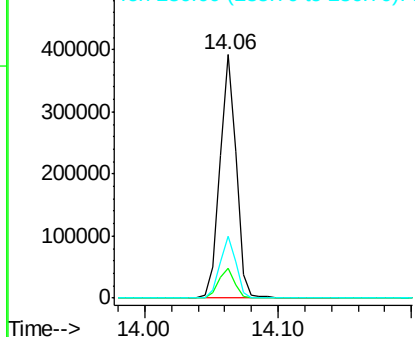


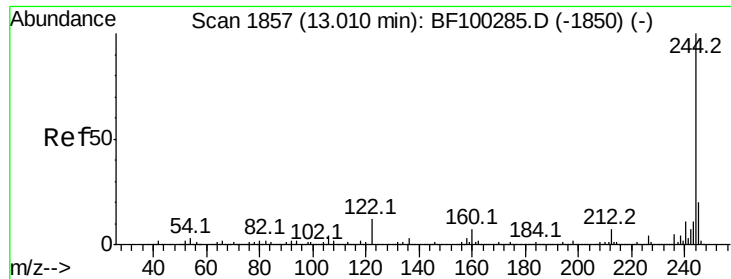
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100403.D
Acq: 10 Nov 2017 20:44

Tgt Ion:240 Resp: 340611
Ion Ratio Lower Upper
240 100
120 12.0 9.5 14.3
236 25.4 20.7 31.1



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: 51.167 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100403.D

Acq: 10 Nov 2017 20:44

Instrument :

BNA_F

ClientSampleId :

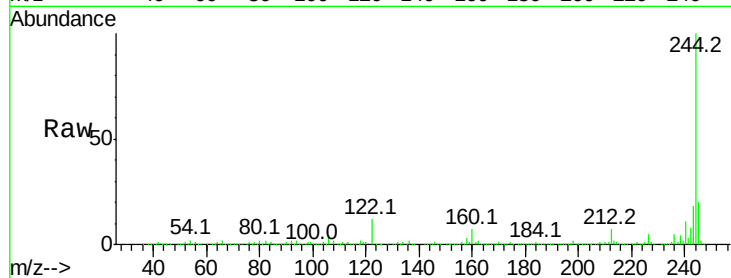
Tot Ion:244 Resp: 758494

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

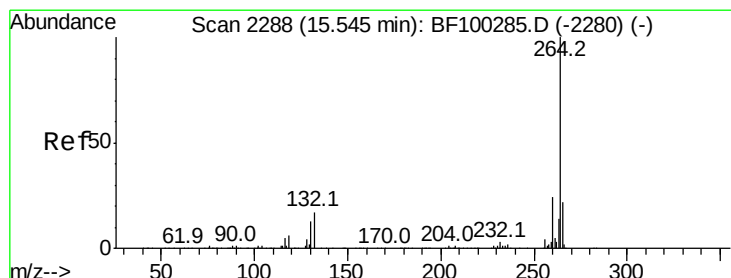
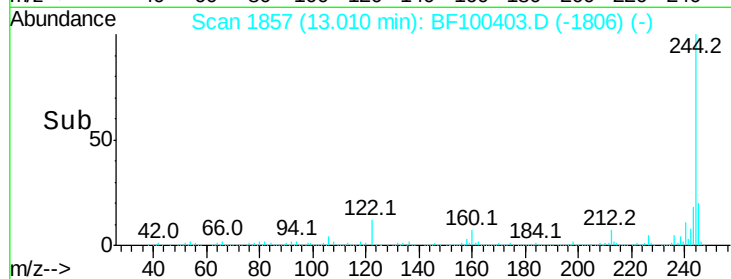
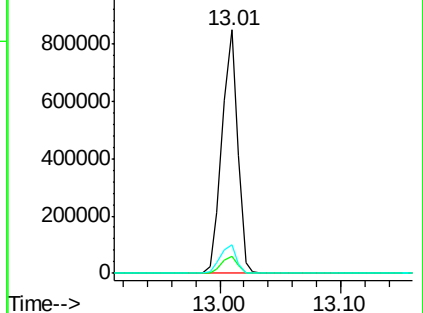
122 11.5 11.0 16.4



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: 15.54 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BF100403.D

Acq: 10 Nov 2017 20:44

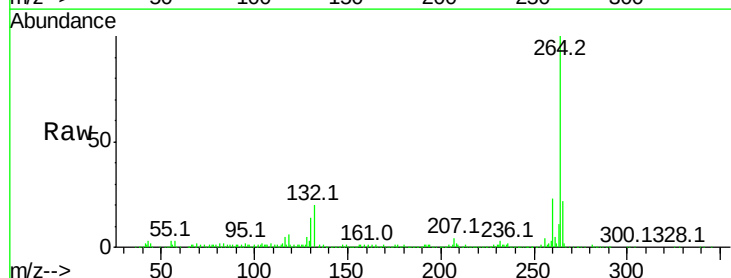
Tgt Ion:264 Resp: 258092

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.6 17.5 26.3



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

