

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111517\
 Data File : BF100591.D
 Acq On : 15 Nov 2017 16:38
 Operator : SJ/JU
 Sample : I6422-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

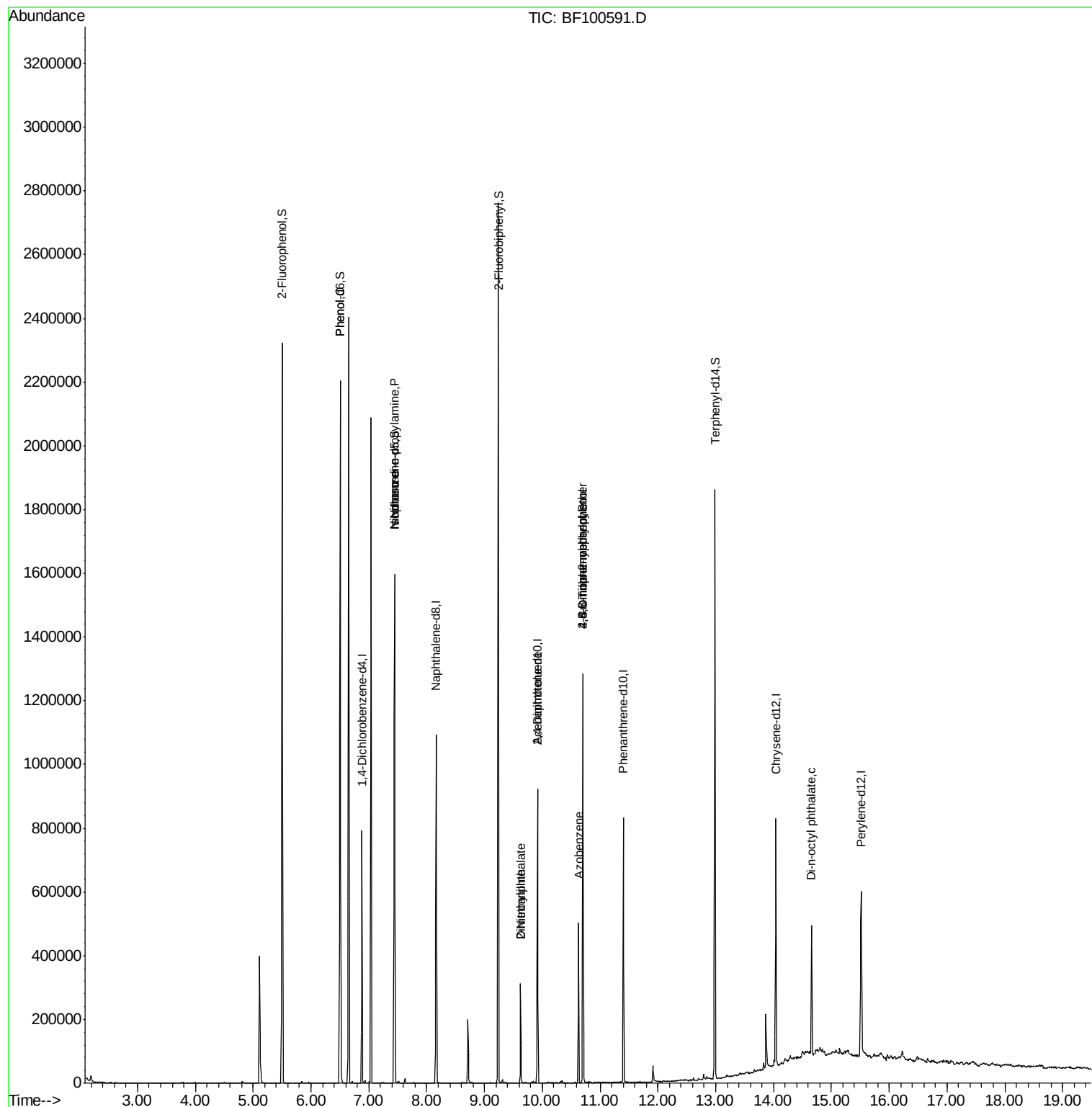
Quant Time: Nov 16 03:33:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 13:27:38 2017
 Response via : Initial Calibration

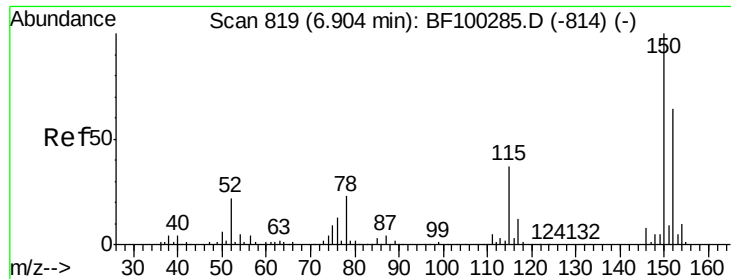
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	120064	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	457035	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	188624	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	279749	20.00	ng	0.00
75) Chrysene-d12	14.04	240	255476	20.00	ng	-0.01
86) Perylene-d12	15.52	264	244718	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	662832	88.50	ng	0.00
7) Phenol-d6	6.51	99	791719	85.72	ng	0.00
23) Nitrobenzene-d5	7.45	82	492046	71.18	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	152352	79.26	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	876213	70.73	ng	0.00
78) Terphenyl-d14	12.99	244	570415	51.30	ng	0.00
Target Compounds						
10) Phenol	6.52	94	40120	4.14	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.45	70	63998	9.99	ng	# 81
25) Isophorone	7.45	82	492138	33.88	ng	# 64
47) 2-Nitroaniline	9.63	65	788	3.00	ng	# 1
49) Dimethylphthalate	9.63	163	109198	7.58	ng	99
56) 2,4-Dinitrotoluene	9.92	165	24541	6.82	ng	# 21
62) Azobenzene	10.63	77	73913	5.45	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.70	198	117	8.64	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	9696	3.23	ng	# 1
84) Di-n-octyl phthalate	14.66	149	36667	2.19	ng	# 42

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

Instrument :
BNA_F
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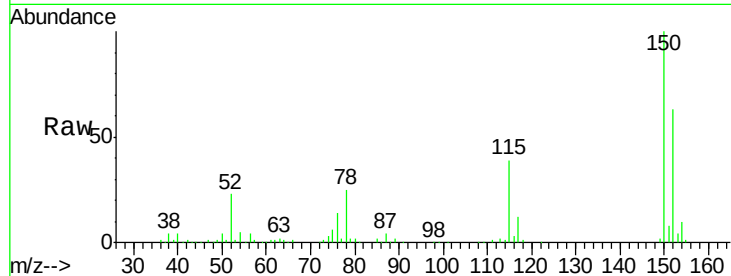


#1

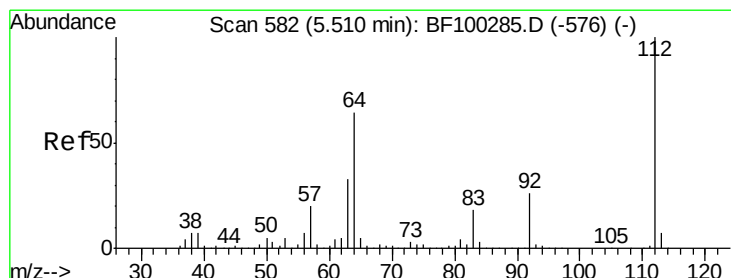
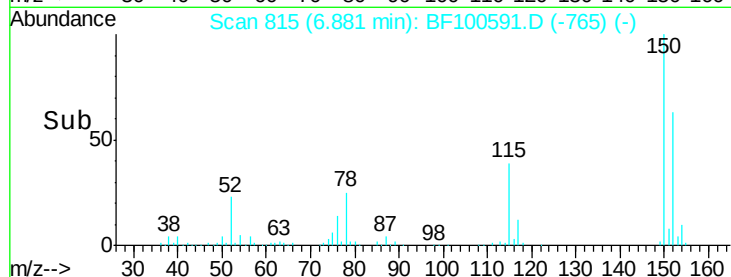
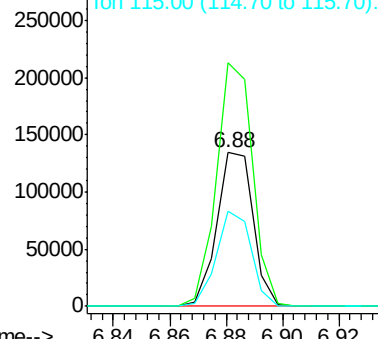
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100591.D
Acq: 15 Nov 2017 16:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	61.8	50.1	75.1



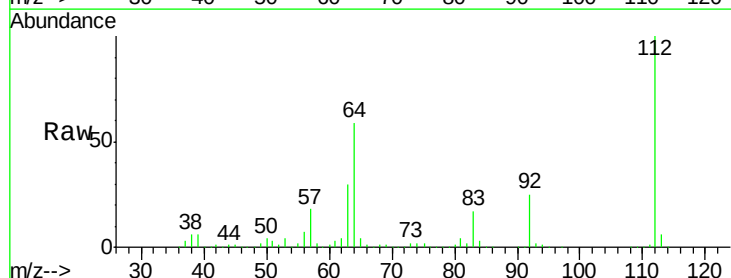
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



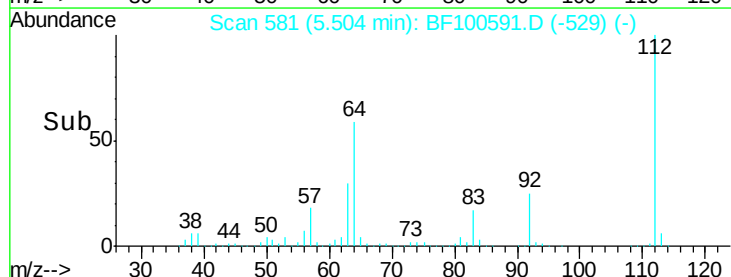
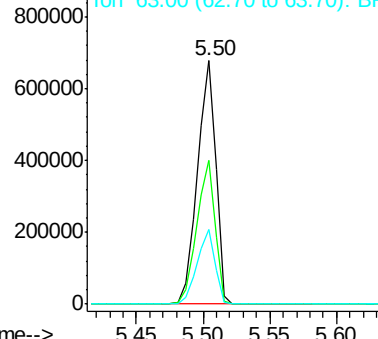
#5

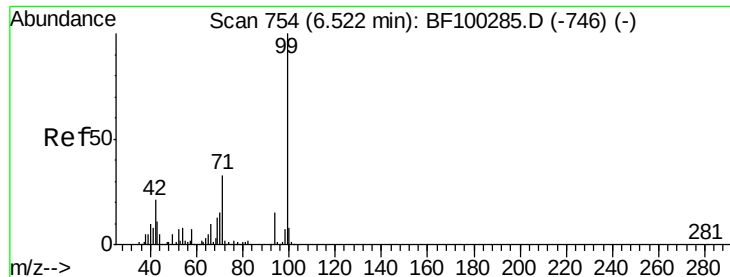
2-Fluorophenol
Concen: 88.50 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF100591.D
Acq: 15 Nov 2017 16:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	47.9	71.9
63	30.5	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: 85.72 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF100591.D

Acq: 15 Nov 2017 16:38

Instrument :

BNA_F

ClientSampleId :

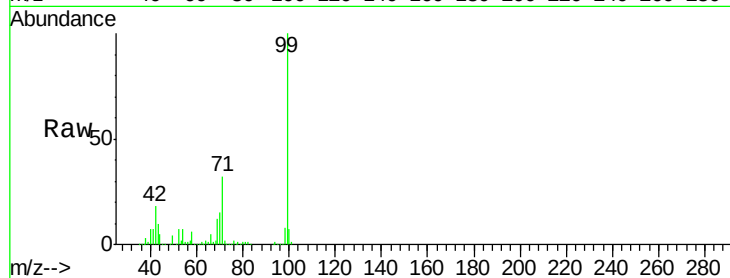
Tot Ion: 99 Resp: 791719

Ion Ratio Lower Upper

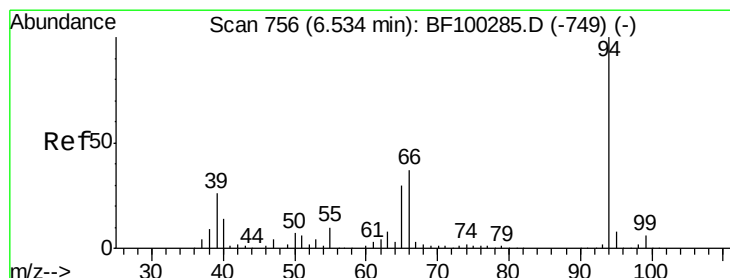
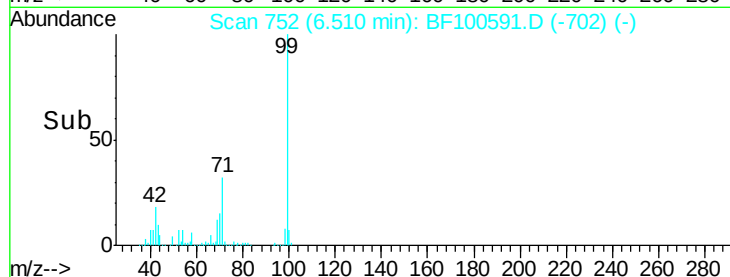
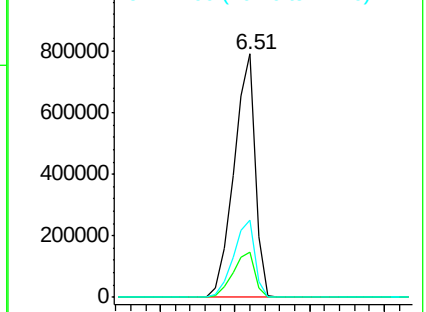
99 100

42 18.4 14.5 21.7

71 31.8 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: 4.14 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100591.D

Acq: 15 Nov 2017 16:38

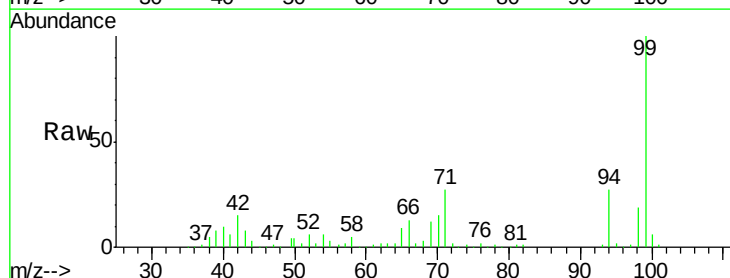
Tgt Ion: 94 Resp: 40120

Ion Ratio Lower Upper

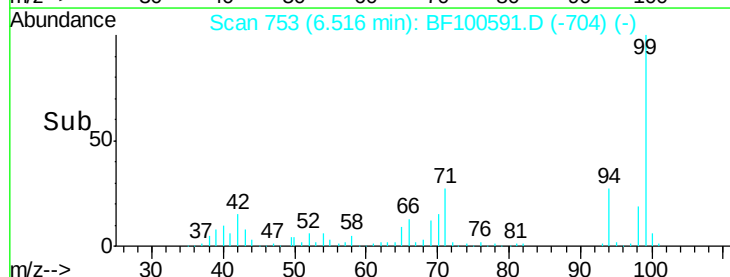
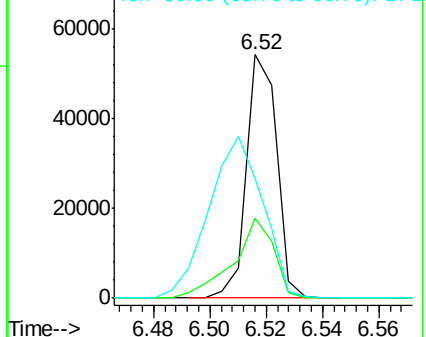
94 100

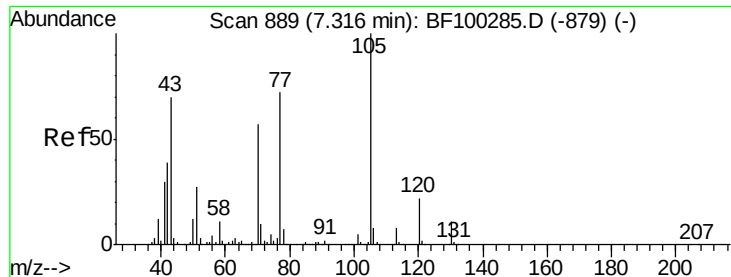
65 32.6 7.9 47.9

66 48.9 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

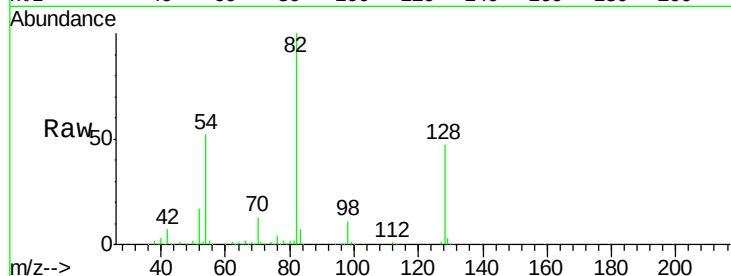




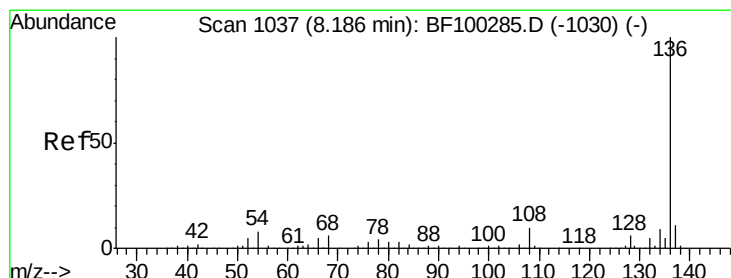
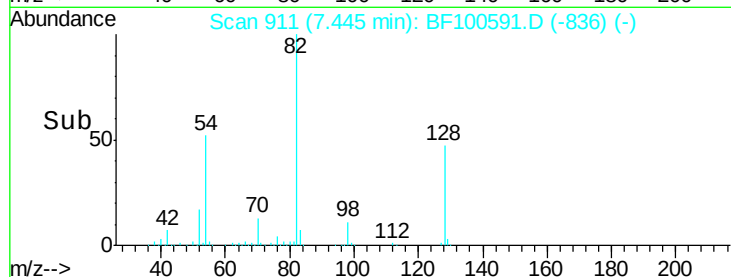
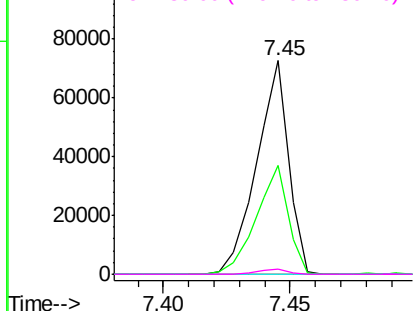
#19
n-Nitroso-di-n-propylamine
Concen: 9.99 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BF100591.D
Acq: 15 Nov 2017 16:38

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 63998
Ion Ratio Lower Upper
70 100
42 50.9 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#

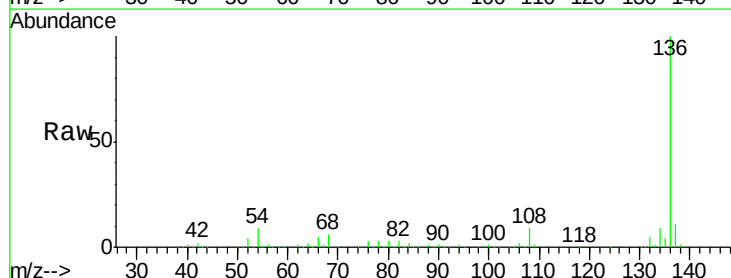


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

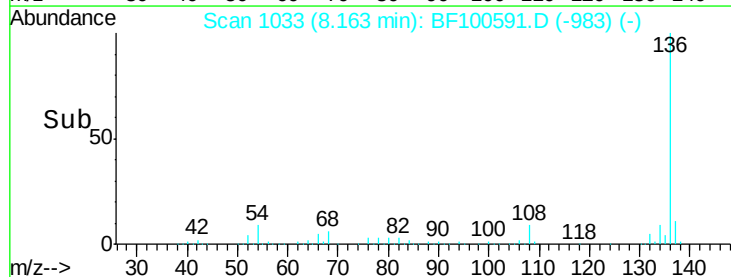
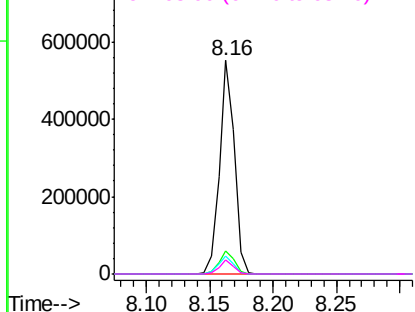


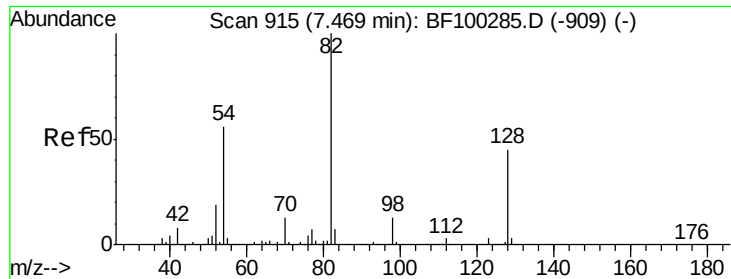
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100591.D
Acq: 15 Nov 2017 16:38

Tgt Ion: 136 Resp: 457035
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.5 6.6 9.8
68 6.4 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

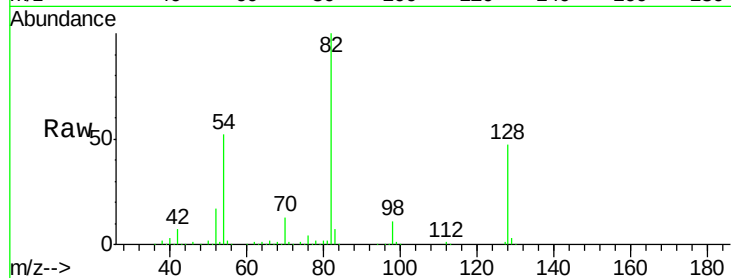




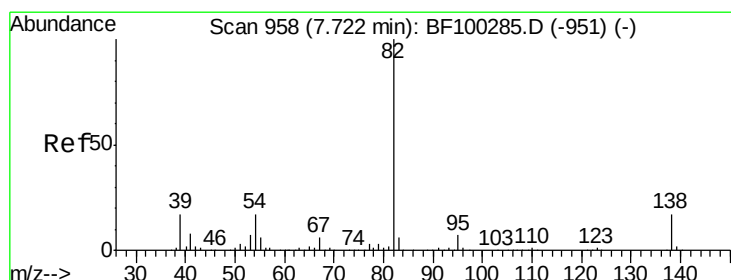
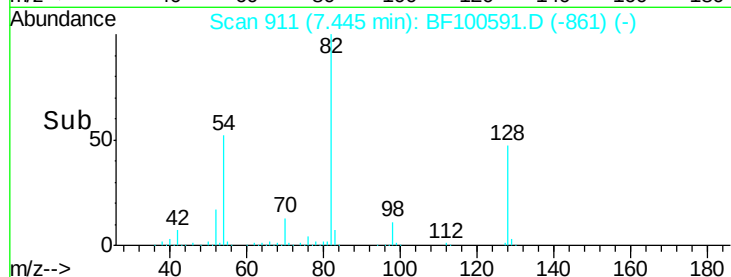
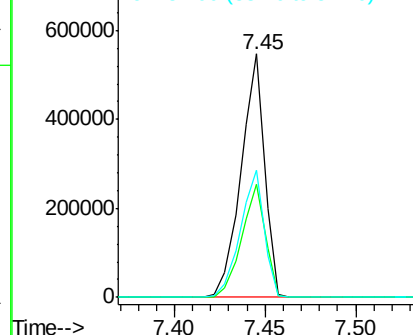
#23
Nitrobenzene-d5
Concen: 71.18 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100591.D
Acq: 15 Nov 2017 16:38

Instrument :
BNA_F
ClientSampleID :

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	52.4	41.4	62.2

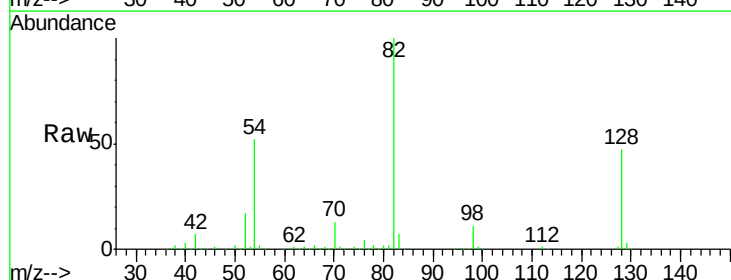


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

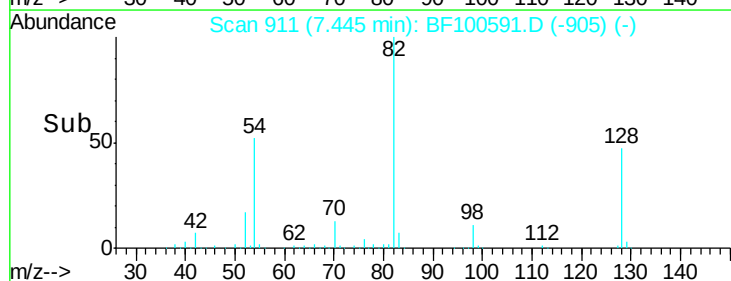
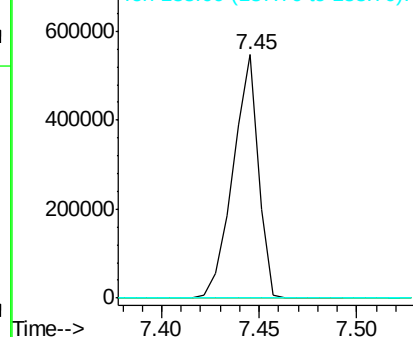


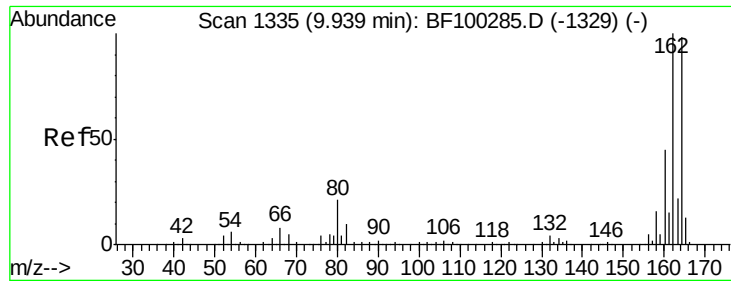
#25
Isophorone
Concen: 33.88 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100591.D
Acq: 15 Nov 2017 16:38

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



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

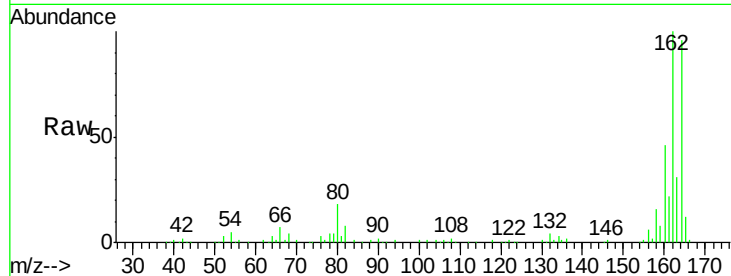




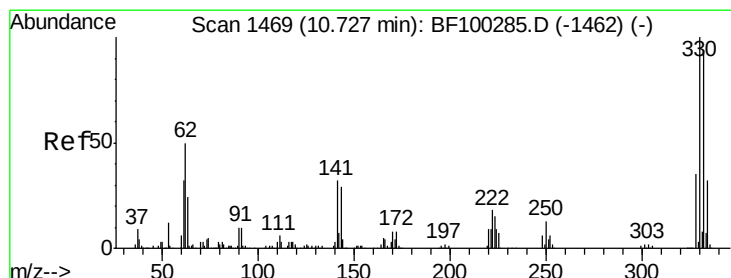
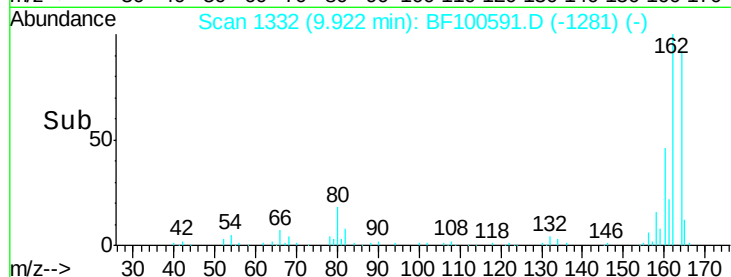
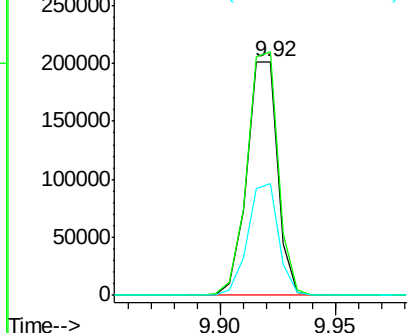
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF100591.D
 Acq: 15 Nov 2017 16:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 188624
 Ion Ratio Lower Upper
 164 100
 162 104.2 86.1 129.1
 160 47.9 38.3 57.5

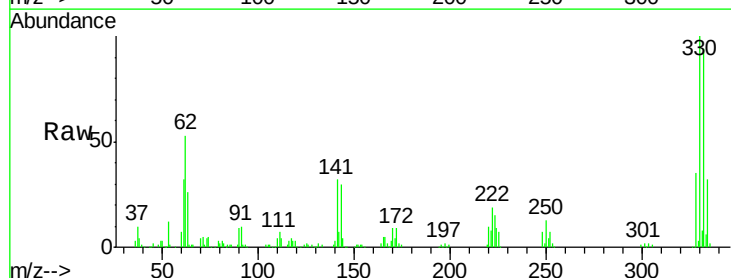


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

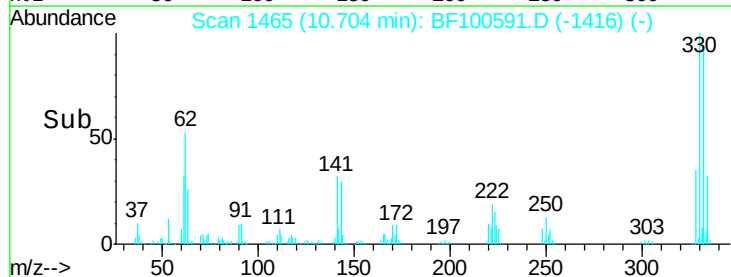
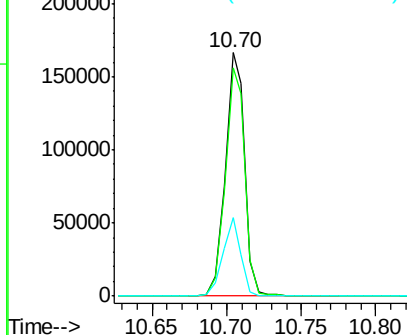


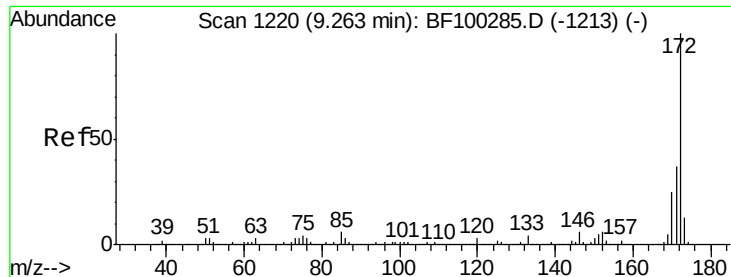
#41
 2,4,6-Tribromophenol
 Concen: 79.26 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100591.D
 Acq: 15 Nov 2017 16:38

Tgt Ion:330 Resp: 152352
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 29.6 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

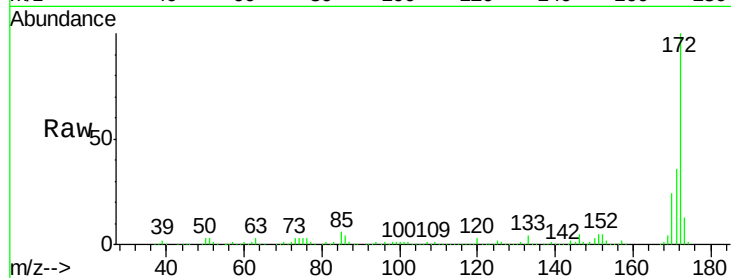




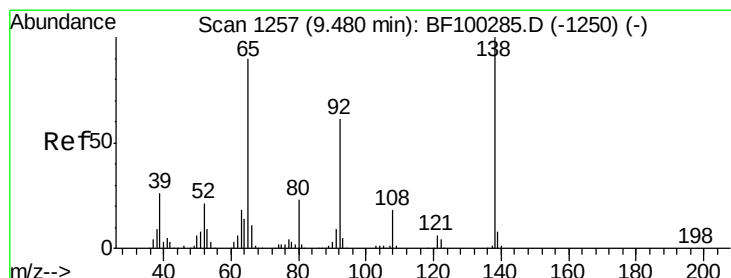
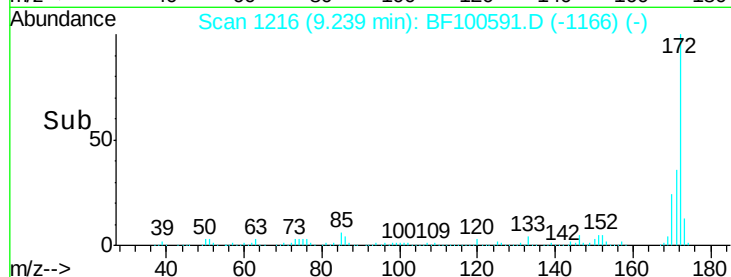
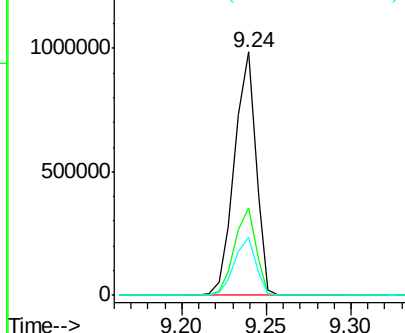
#44
2-Fluorobiphenyl
Concen: 70.73 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF100591.D
Acq: 15 Nov 2017 16:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 876213
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 24.0 19.6 29.4

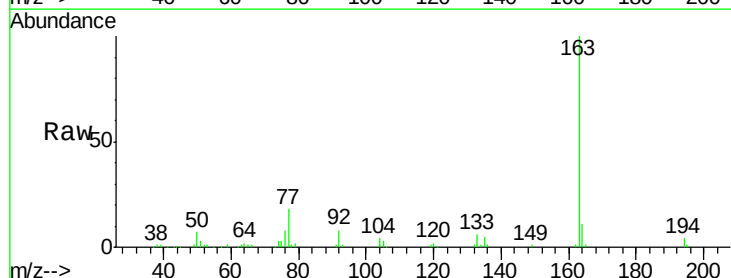


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

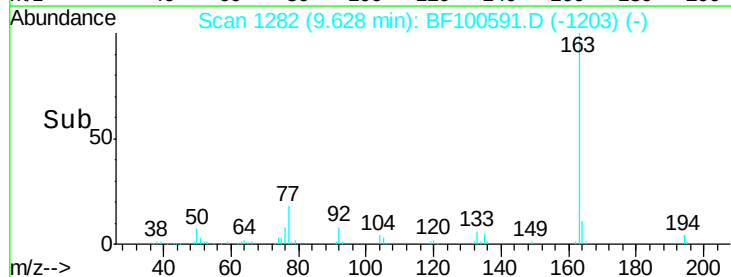
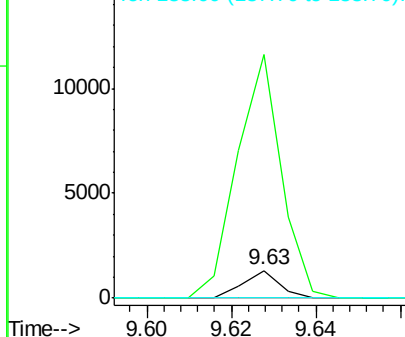


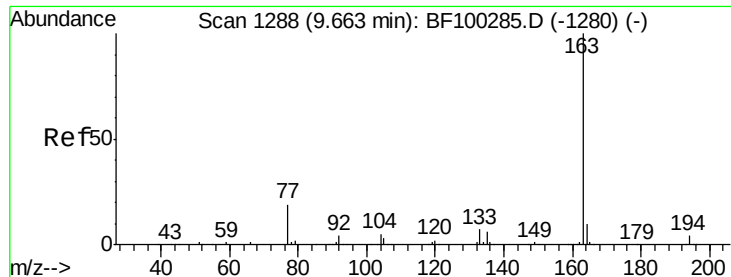
#47
2-Nitroaniline
Concen: 3.00 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.16 min
Lab File: BF100591.D
Acq: 15 Nov 2017 16:38

Tgt Ion: 65 Resp: 788
Ion Ratio Lower Upper
65 100
92 889.7 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

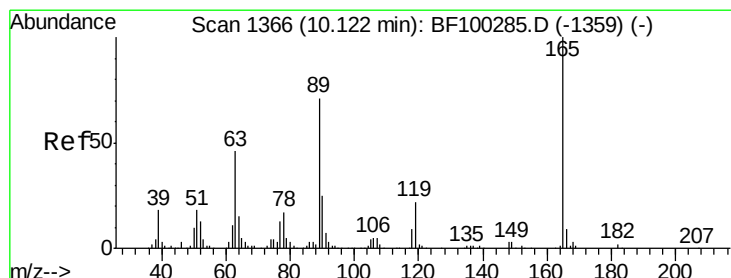
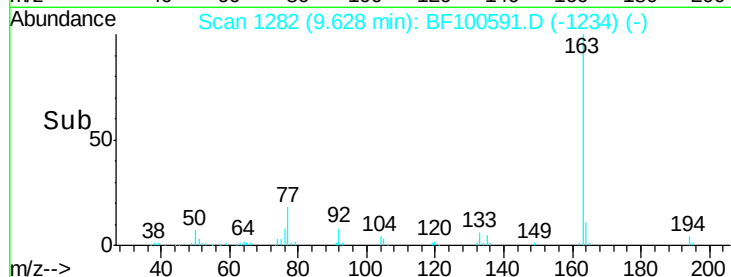
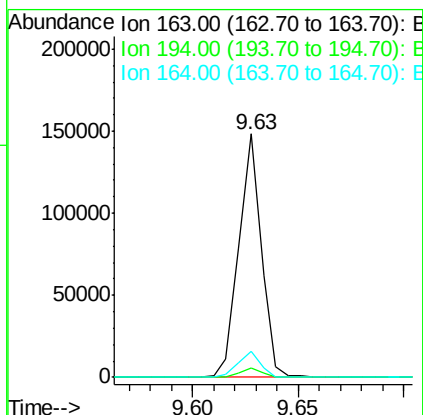
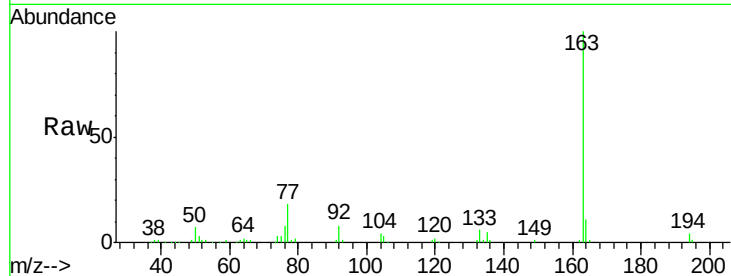




#49
Dimethylphthalate
Concen: 7.58 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF100591.D
Acq: 15 Nov 2017 16:38

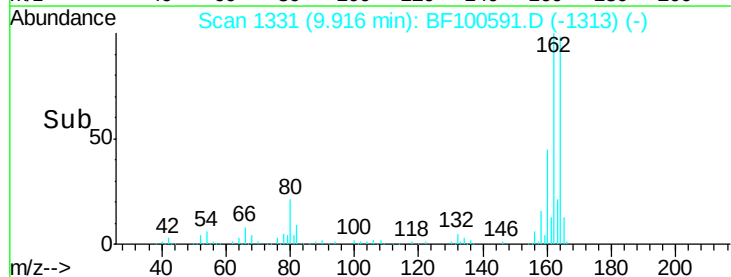
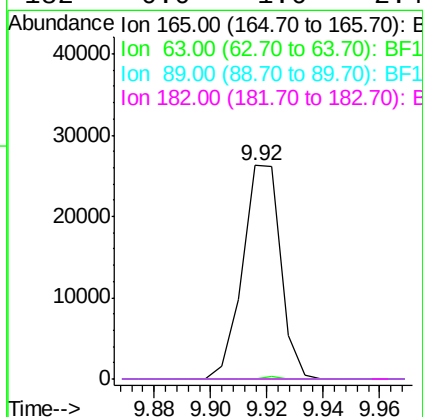
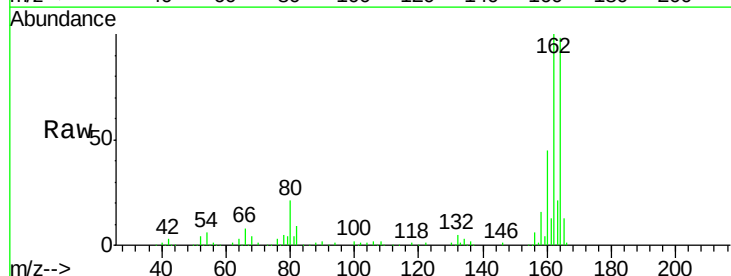
Instrument :
BNA_F
ClientSampleId :

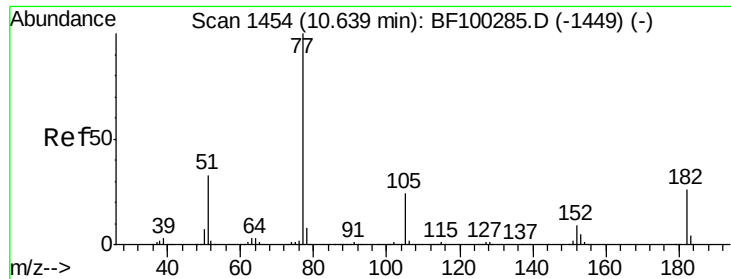
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.6	8.2	12.2



#56
2,4-Dinitrotoluene
Concen: 6.82 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF100591.D
Acq: 15 Nov 2017 16:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#





#62

Azobenzene

Concen: 5.45 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

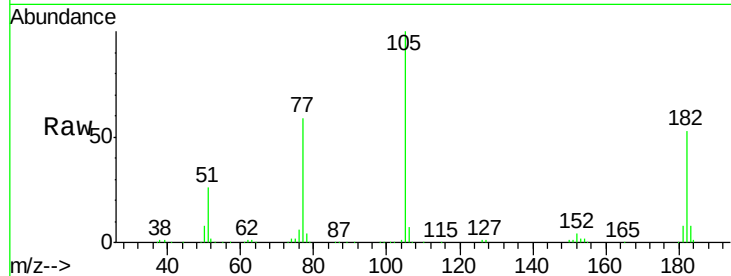
Lab File: BF100591.D

Acq: 15 Nov 2017 16:38

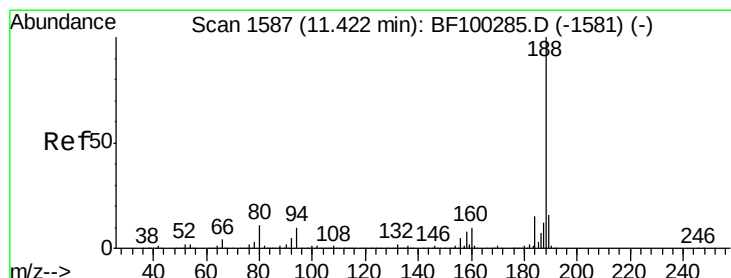
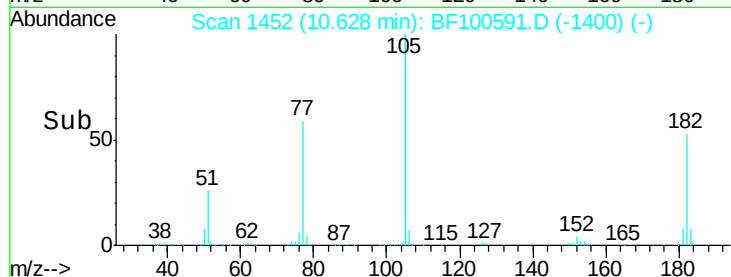
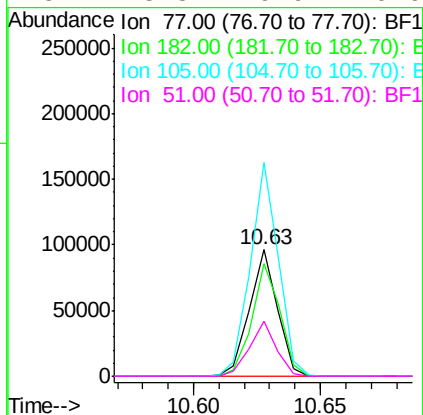
Instrument :

BNA_F

ClientSampled :



Tot Ion:	77	Resp:	73913
Ion	Ratio	Lower	Upper
77	100		
182	88.7	1.7	41.7#
105	168.7	3.0	43.0#
51	43.8	9.9	49.9



#63

Phenanthrene-d10

Concen: 20.00 ng

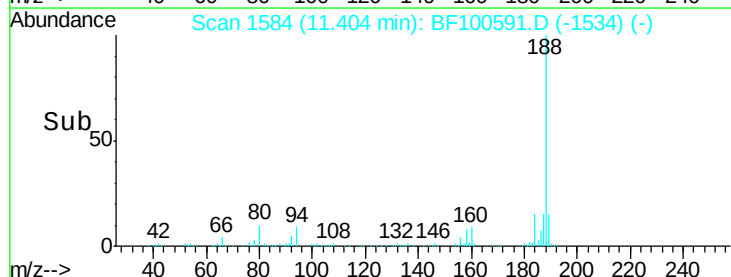
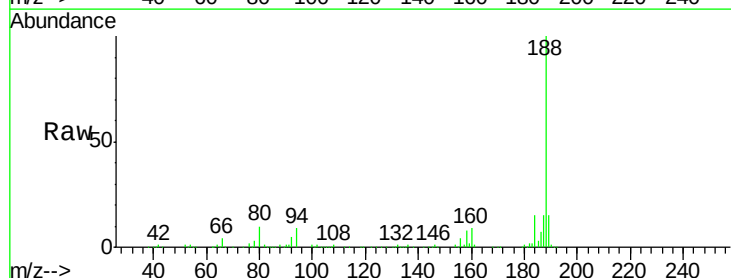
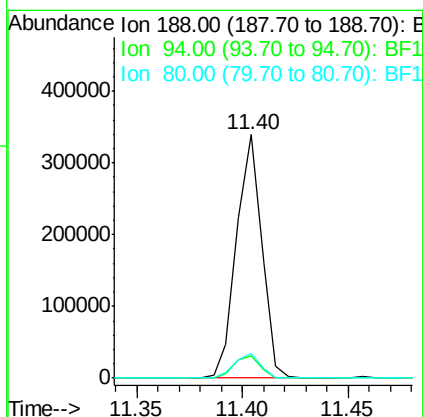
RT: 11.40 min Scan# 1584

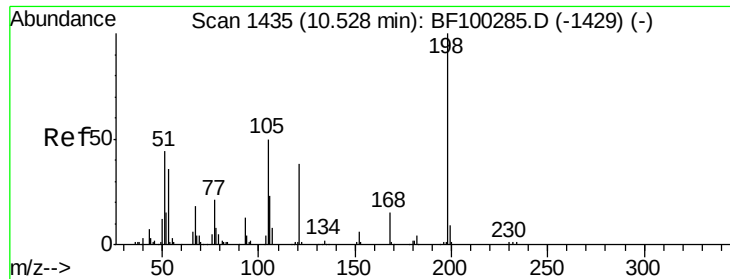
Delta R.T. -0.01 min

Lab File: BF100591.D

Acq: 15 Nov 2017 16:38

Tgt Ion:	188	Resp:	279749
Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	10.1	9.2	13.8

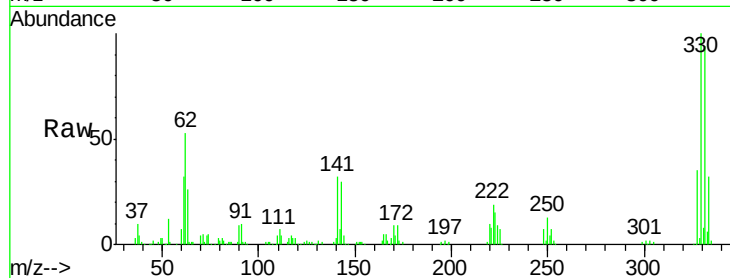




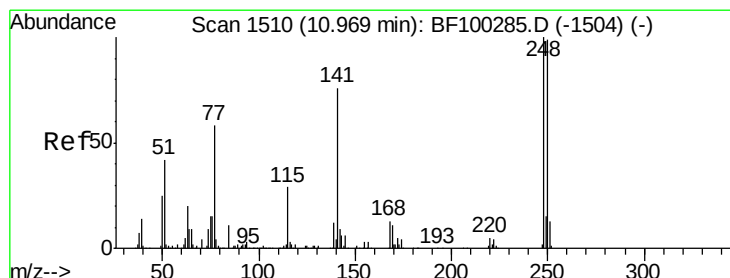
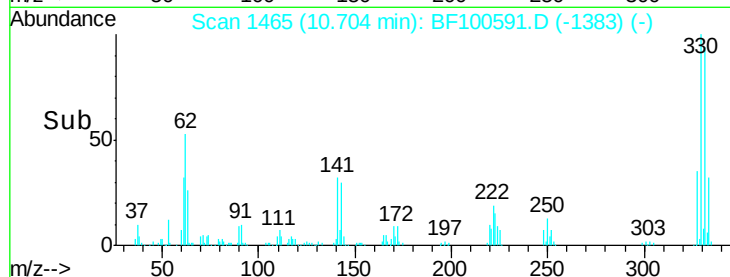
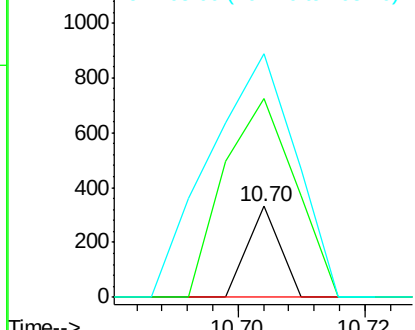
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.64 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.18 min
 Lab File: BF100591.D
 Acq: 15 Nov 2017 16:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 117
 Ion Ratio Lower Upper
 198 100
 51 219.3 37.7 77.7#
 105 268.3 36.3 76.3#

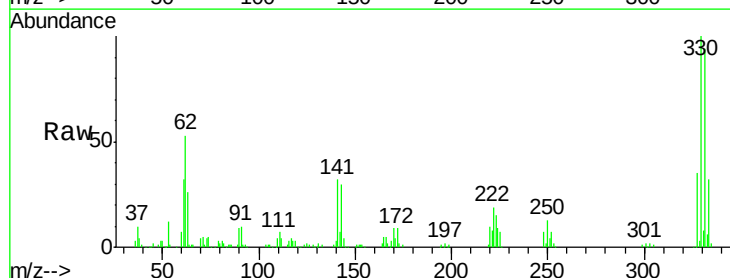


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

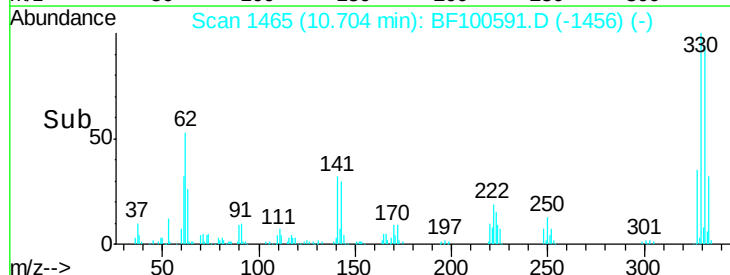
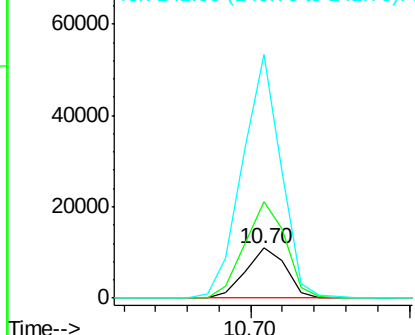


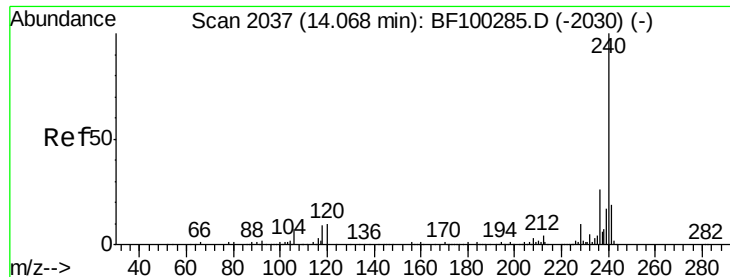
#66
 4-Bromophenyl-phenylether
 Concen: 3.23 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF100591.D
 Acq: 15 Nov 2017 16:38

Tgt Ion:248 Resp: 9696
 Ion Ratio Lower Upper
 248 100
 250 192.8 76.9 115.3#
 141 484.6 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: 20.00 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100591.D

Acq: 15 Nov 2017 16:38

Instrument :

BNA_F

ClientSampleId :

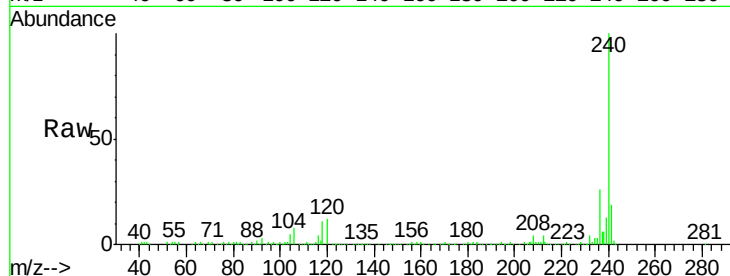
Tot Ion:240 Resp: 255476

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

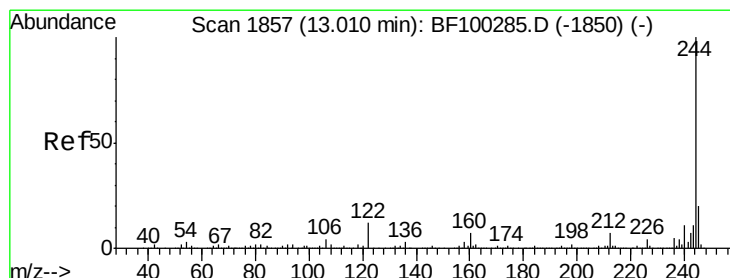
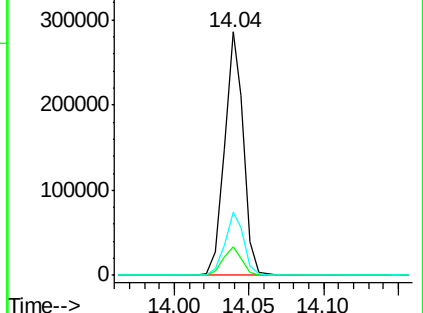
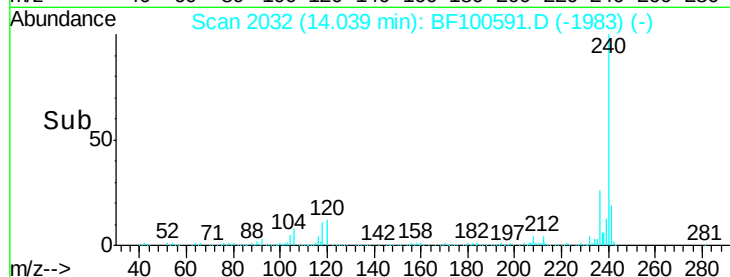
236 25.9 20.7 31.1



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: 51.30 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100591.D

Acq: 15 Nov 2017 16:38

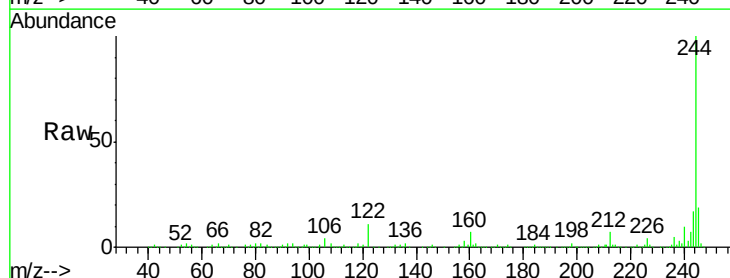
Tgt Ion:244 Resp: 570415

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

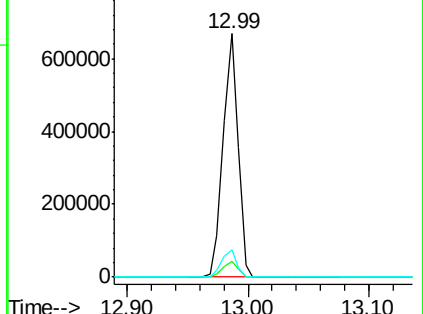
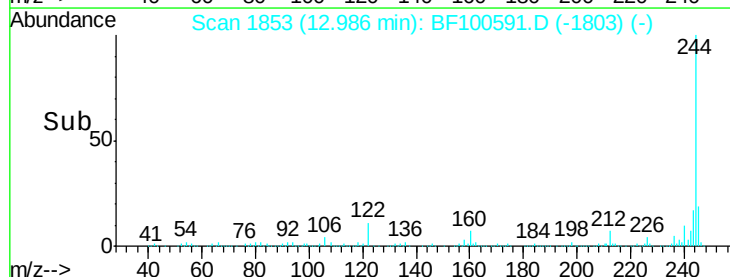
122 11.1 11.0 16.4

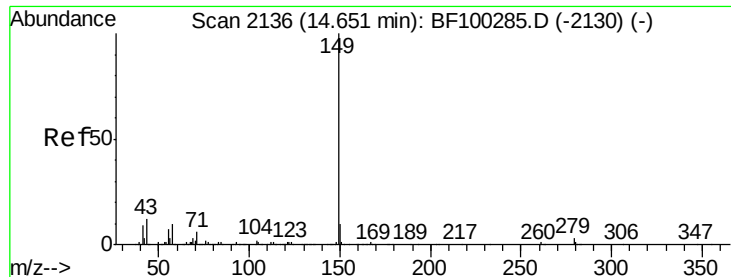


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Di-n-octyl phthalate

Concen: 2.19 ng

RT: 14.66 min Scan# 2137

Delta R.T. 0.03 min

Lab File: BF100591.D

Acq: 15 Nov 2017 16:38

Instrument :

BNA_F

ClientSampleId :

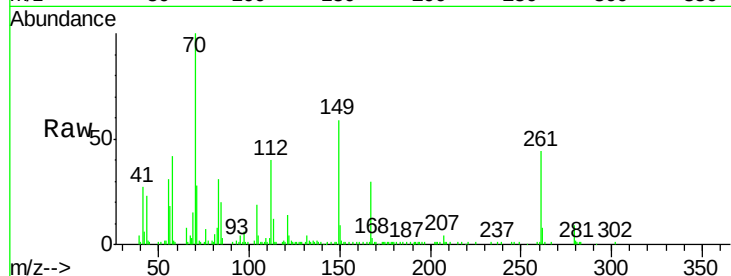
Tot Ion:149 Resp: 36667

Ion Ratio Lower Upper

149 100

167 51.6 1.2 1.8#

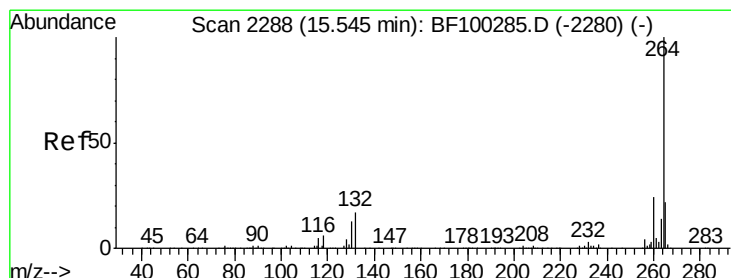
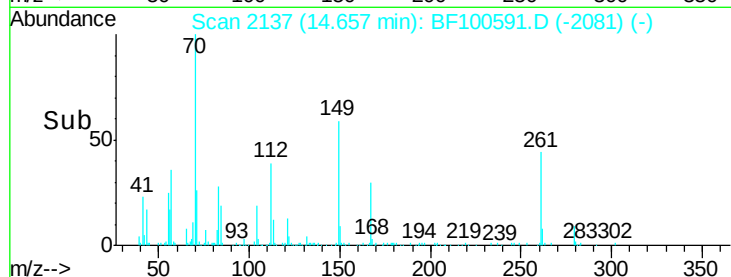
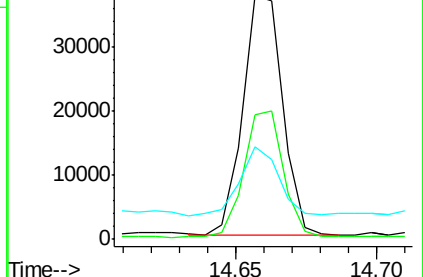
43 28.2 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.52 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF100591.D

Acq: 15 Nov 2017 16:38

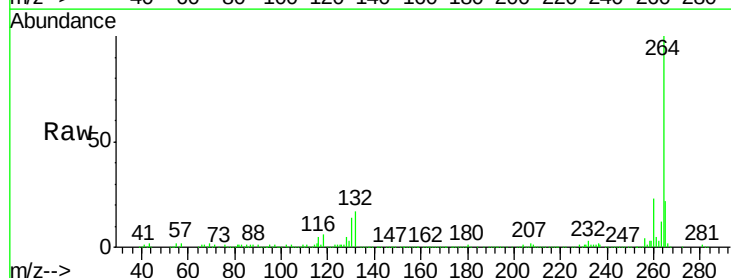
Tgt Ion:264 Resp: 244718

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 22.2 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

