

Data File : BF100520.D
Acq On : 13 Nov 2017 23:08
Operator : SJ/JU
Sample : I6389-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3N-15

Quant Time: Nov 14 00:57:54 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 13 14:08:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	80810	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	297465	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	120146	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	191943	20.00	ng	0.00
75) Chrysene-d12	14.05	240	169997	20.00	ng	0.00
86) Perylene-d12	15.53	264	120018	20.00	ng	0.01

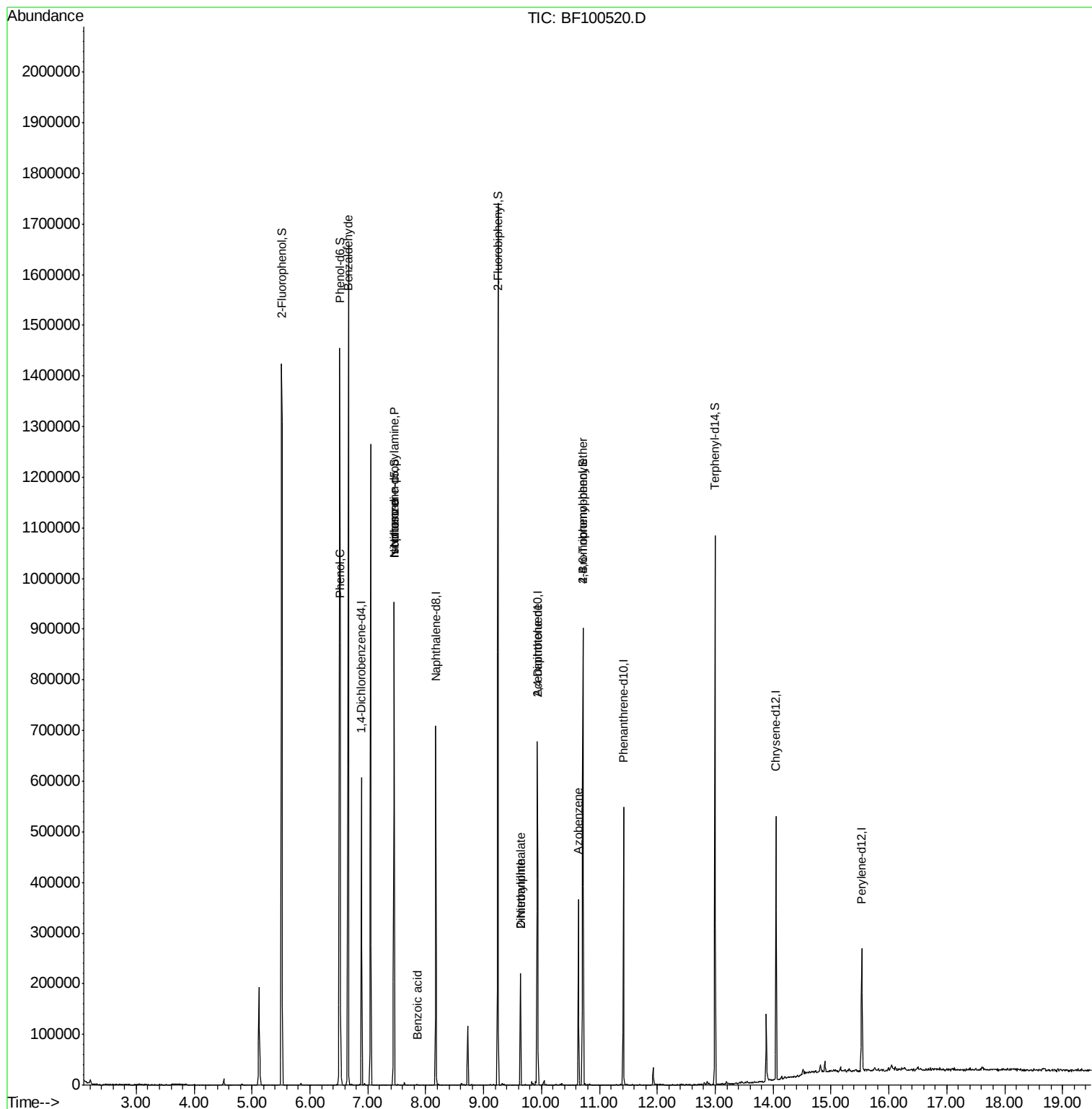
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	417876	82.89	ng	0.00
7) Phenol-d6	6.52	99	495062	79.64	ng	0.00
23) Nitrobenzene-d5	7.45	82	298546	66.35	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	100047	81.72	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	530145	67.19	ng	0.00
78) Terphenyl-d14	13.00	244	345483	46.70	ng	0.00

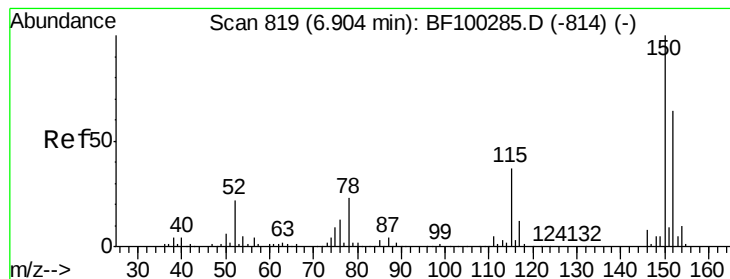
Target Compounds						Qvalue
9) Benzaldehyde	6.66	77	9186	2.07	ng	85
10) Phenol	6.53	94	21565	3.30	ng	97
19) n-Nitroso-di-n-propylamine	7.45	70	37991	8.81	ng	# 82
25) Isophorone	7.45	82	298540	31.57	ng	# 64
32) Benzoic acid	7.86	122	456	9.48	ng	# 79
47) 2-Nitroaniline	9.63	65	684	3.07	ng	# 1
49) Dimethylphthalate	9.64	163	91445	9.97	ng	97
56) 2,4-Dinitrotoluene	9.93	165	16028	7.00	ng	# 23
62) Azobenzene	10.64	77	53381	6.17	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	6642	3.23	ng	# 1

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

ALS Vial : 25 Sample Multiplier: 1

Response via : Initial Calibration



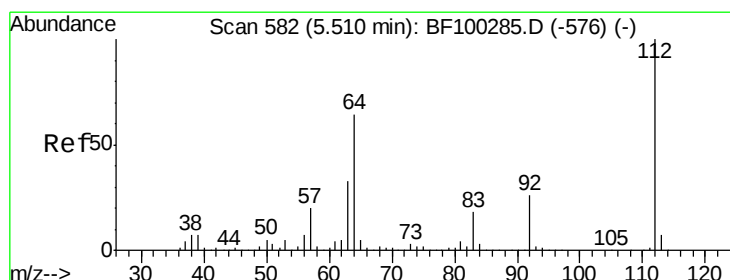
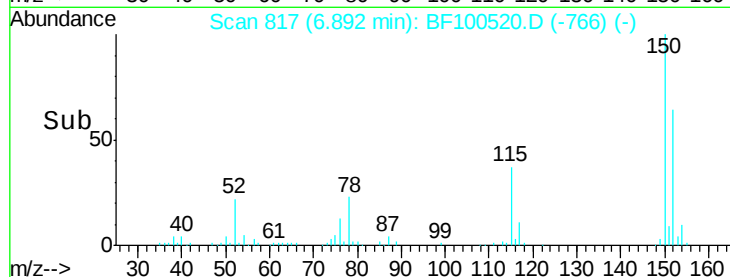
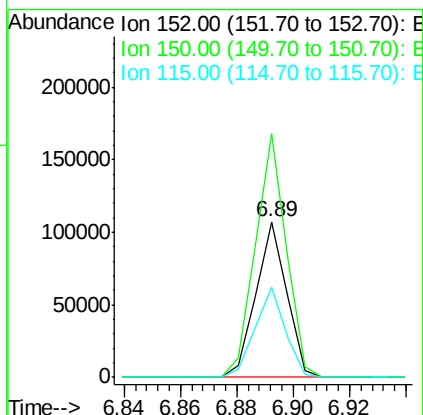
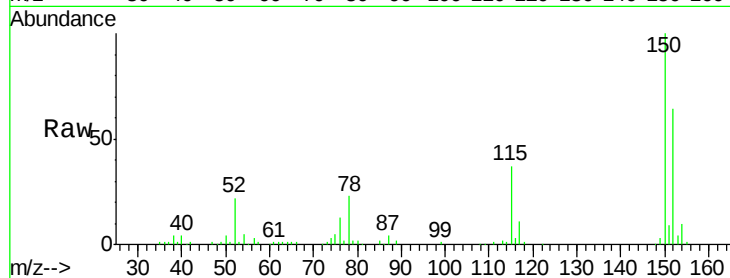


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF100520.D
Acq: 13 Nov 2017 23:08

Instrument :
BNA_F
ClientSampleId :
3N-15

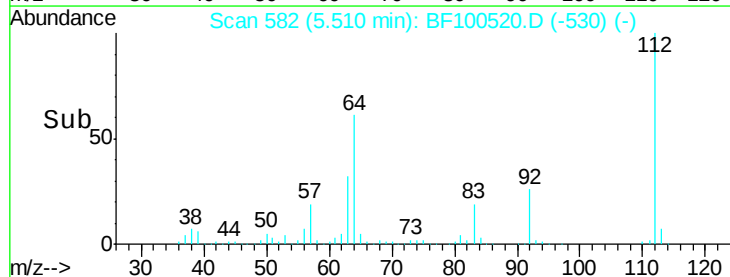
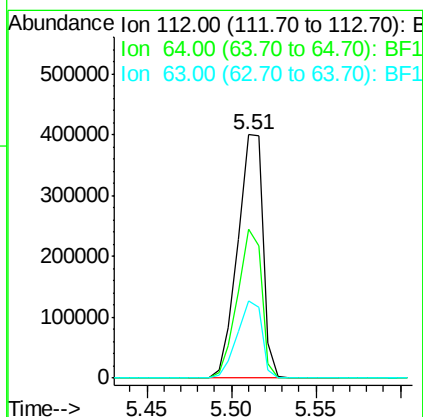
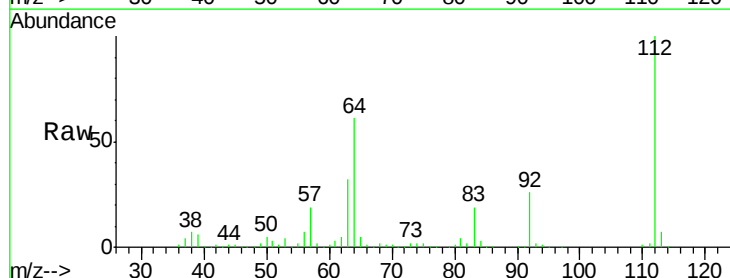
Tgt Ion:152 Resp: 80810
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 58.0 50.1 75.1

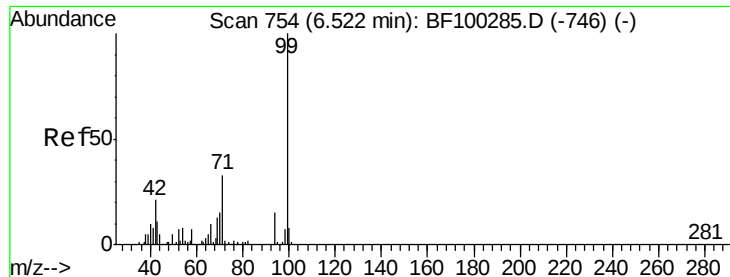


#5

2-Fluorophenol
Concen: 82.89 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF100520.D
Acq: 13 Nov 2017 23:08

Tgt Ion:112 Resp: 417876
Ion Ratio Lower Upper
112 100
64 61.1 47.9 71.9
63 31.8 23.7 35.5





#7

Phenol-d6

Concen: 79.64 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF100520.D

Acq: 13 Nov 2017 23:08

Instrument :

BNA_F

ClientSampleId :

3N-15

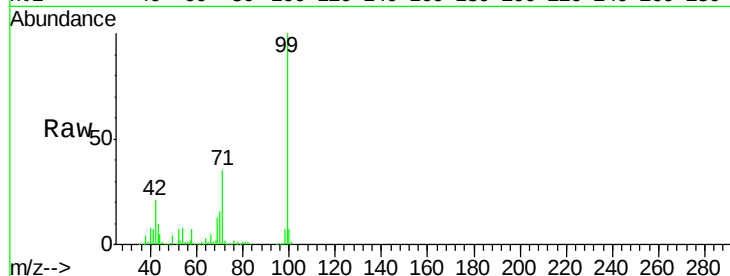
Tgt Ion: 99 Resp: 495062

Ion Ratio Lower Upper

99 100

42 20.8 14.5 21.7

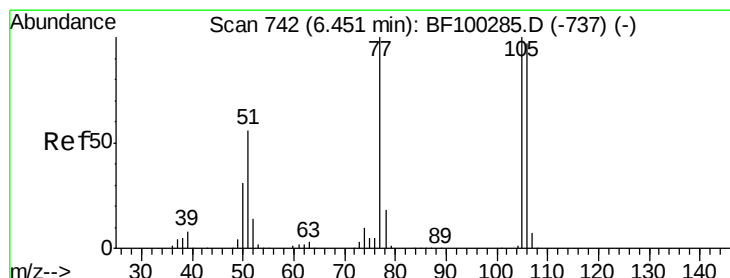
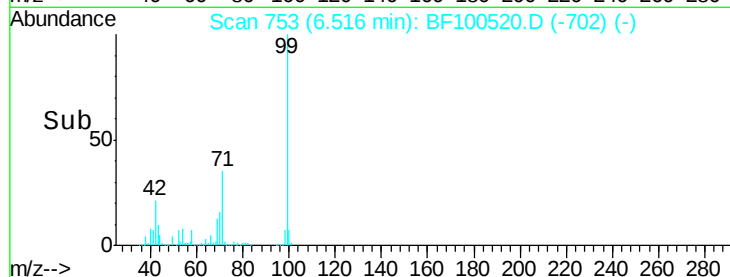
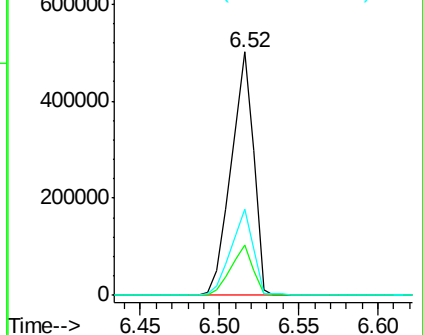
71 35.4 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.07 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.22 min

Lab File: BF100520.D

Acq: 13 Nov 2017 23:08

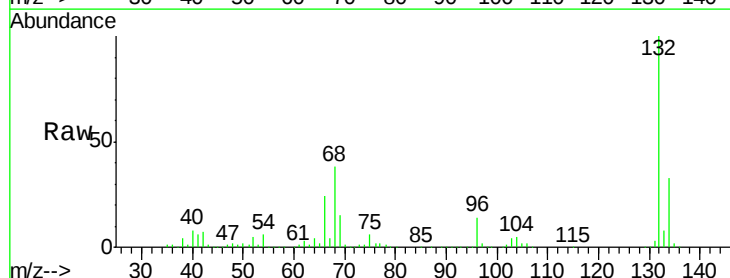
Tgt Ion: 77 Resp: 9186

Ion Ratio Lower Upper

77 100

105 84.4 81.1 121.1

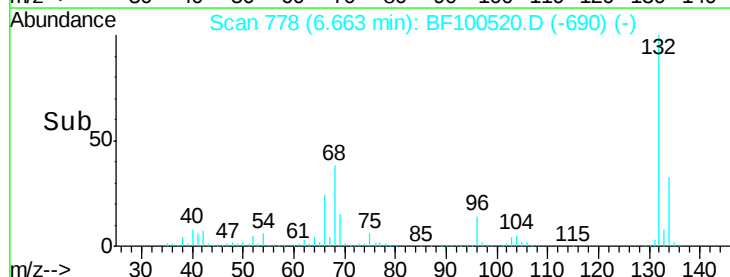
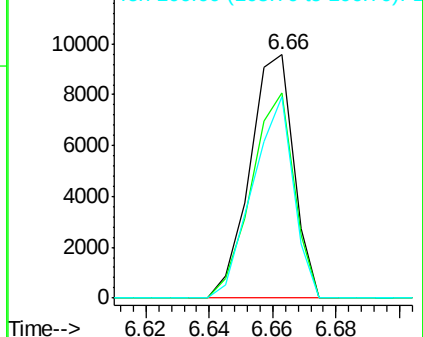
106 82.5 74.5 114.5

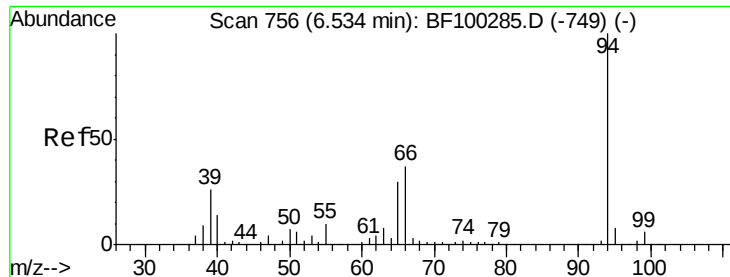


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 3.30 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF100520.D

Acq: 13 Nov 2017 23:08

Instrument :

BNA_F

ClientSampled :

3N-15

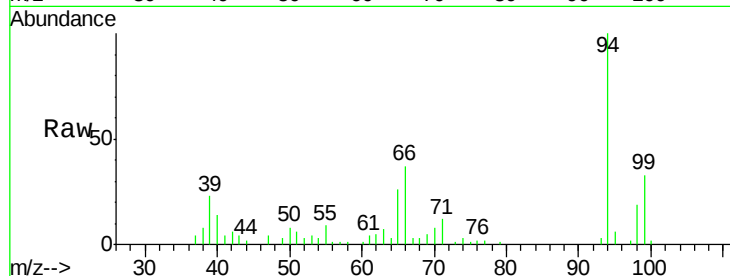
Tgt Ion: 94 Resp: 21565

Ion Ratio Lower Upper

94 100

65 25.9 7.9 47.9

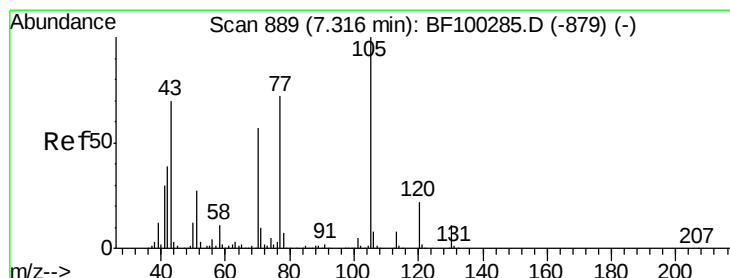
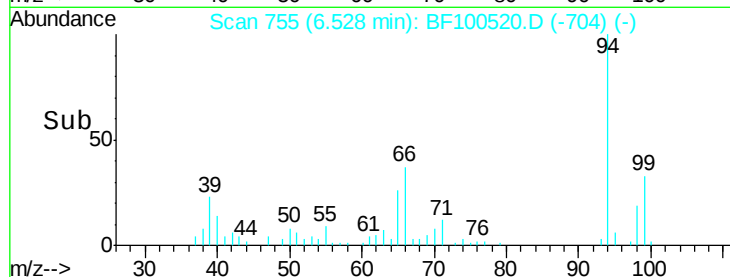
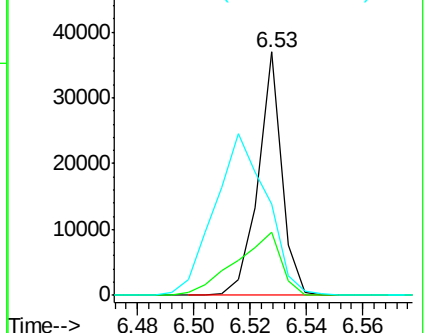
66 37.4 16.2 56.2



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: 8.81 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.15 min

Lab File: BF100520.D

Acq: 13 Nov 2017 23:08

Tgt Ion: 70 Resp: 37991

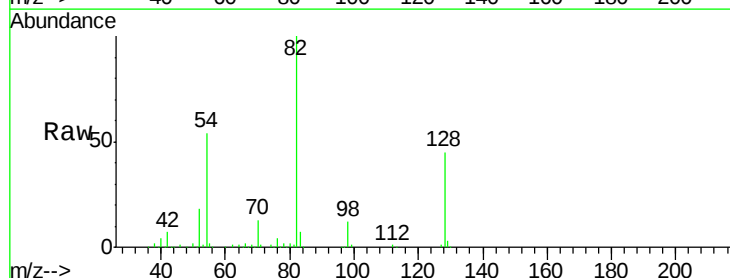
Ion Ratio Lower Upper

70 100

42 52.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

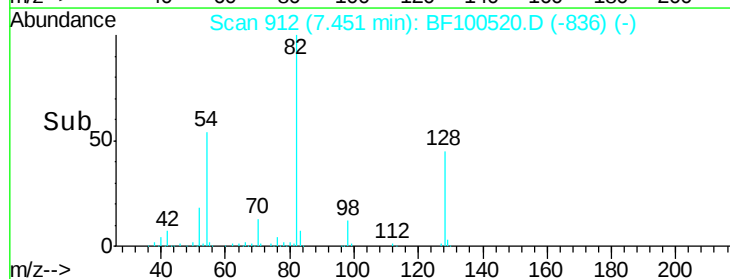
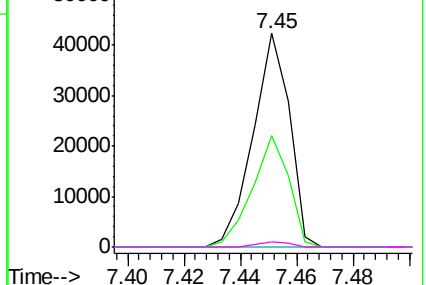


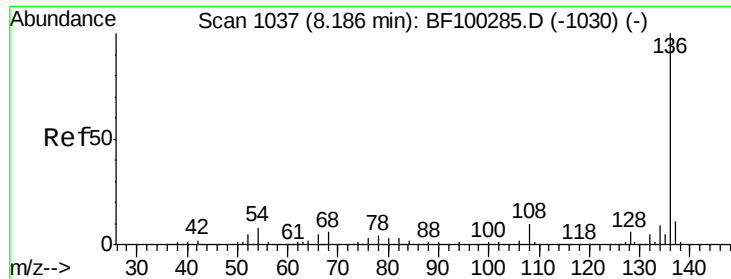
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

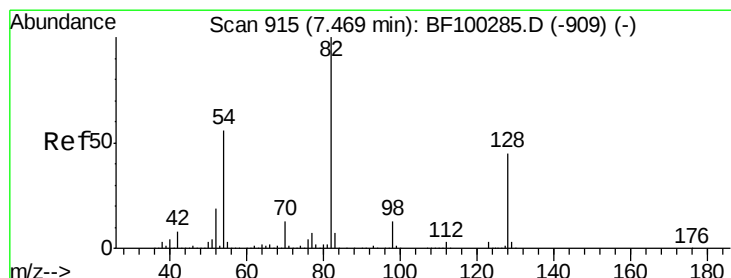
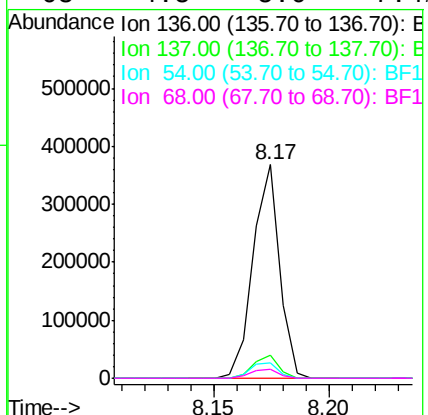
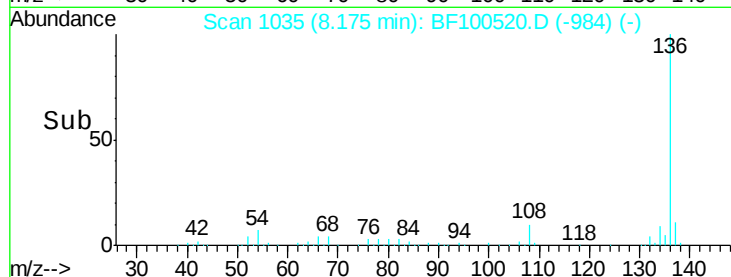
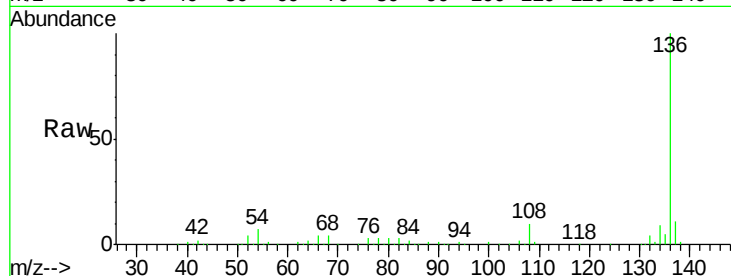




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF100520.D
Acq: 13 Nov 2017 23:08

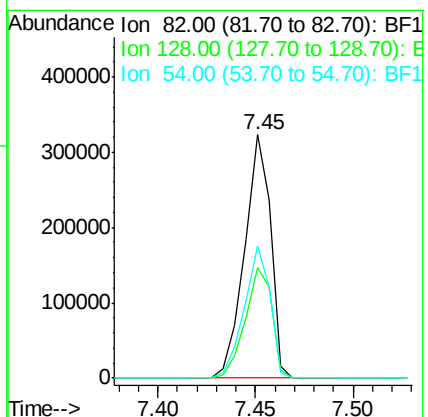
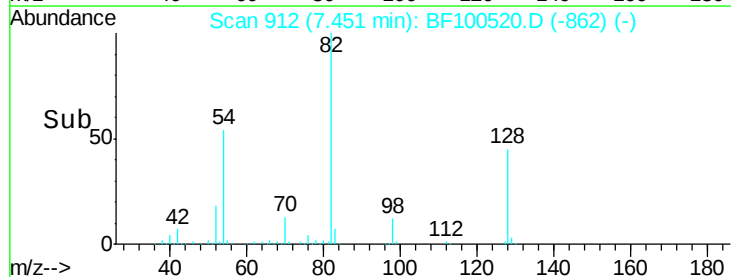
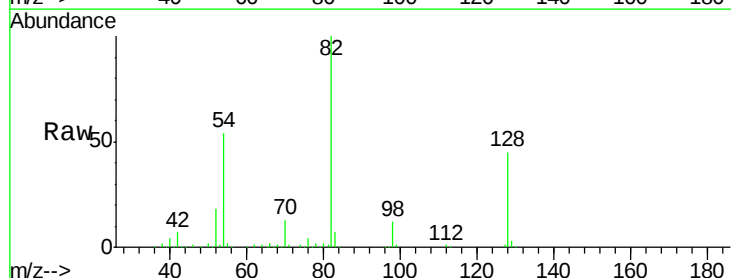
Instrument :
BNA_F
ClientSampleId :
3N-15

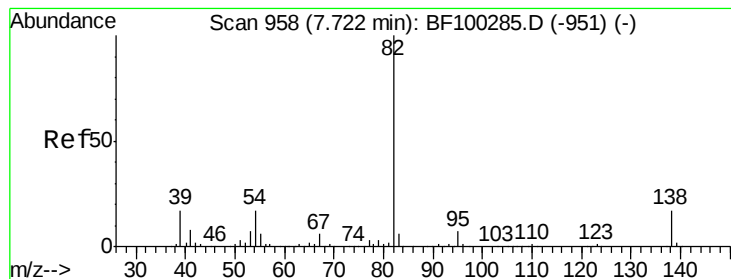
Tgt Ion:	136	Resp:	297465
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.1	6.6	9.8
68	4.5	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 66.35 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF100520.D
Acq: 13 Nov 2017 23:08

Tgt Ion:	82	Resp:	298546
Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	54.3	41.4	62.2





#25

Isophorone

Concen: 31.57 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.26 min

Lab File: BF100520.D

Acq: 13 Nov 2017 23:08

Instrument :

BNA_F

ClientSampled :

3N-15

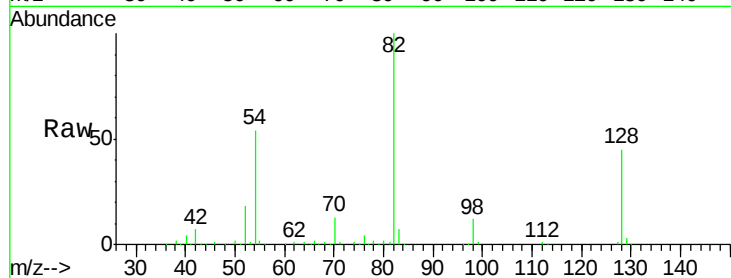
Tgt Ion: 82 Resp: 298540

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

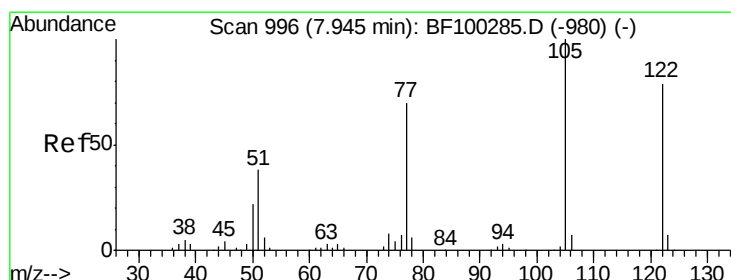
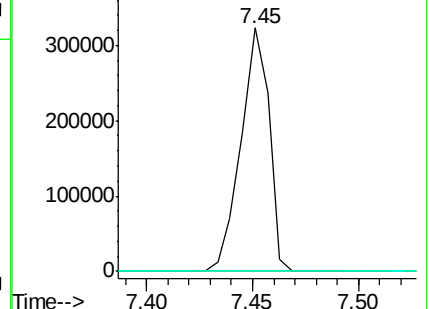
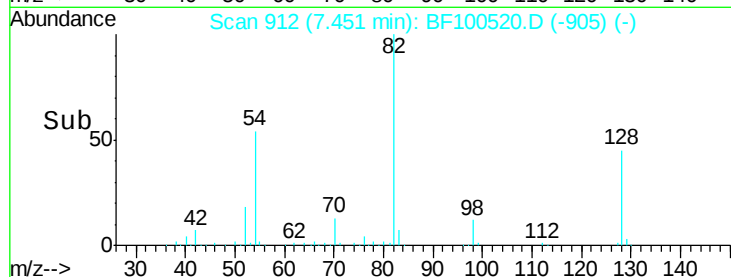
138 0.0 14.9 22.3#



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



#32

Benzoic acid

Concen: 9.48 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.08 min

Lab File: BF100520.D

Acq: 13 Nov 2017 23:08

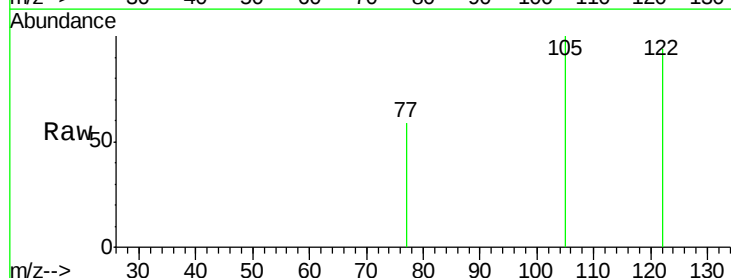
Tgt Ion: 122 Resp: 456

Ion Ratio Lower Upper

122 100

105 105.9 101.1 141.1

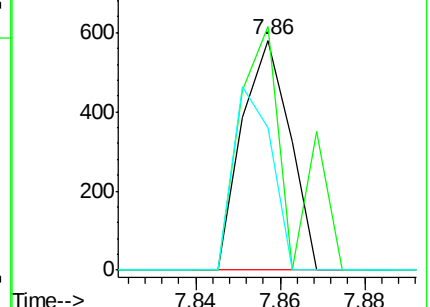
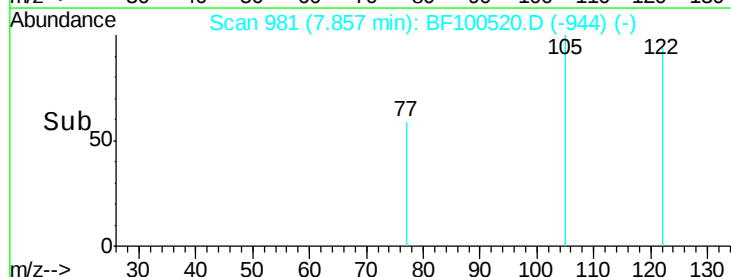
77 62.0 70.7 110.7#

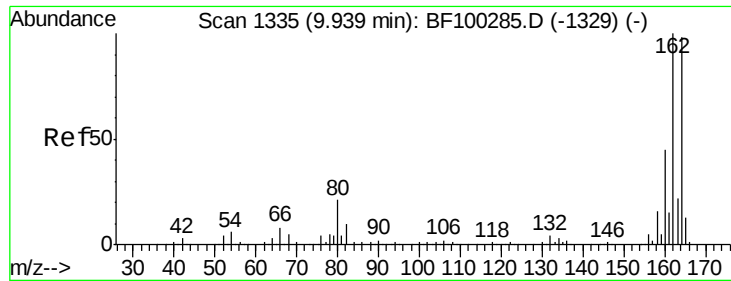


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

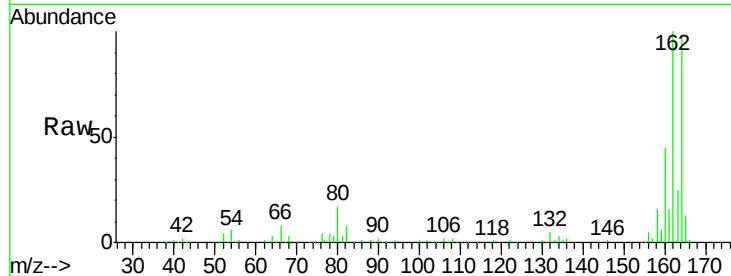




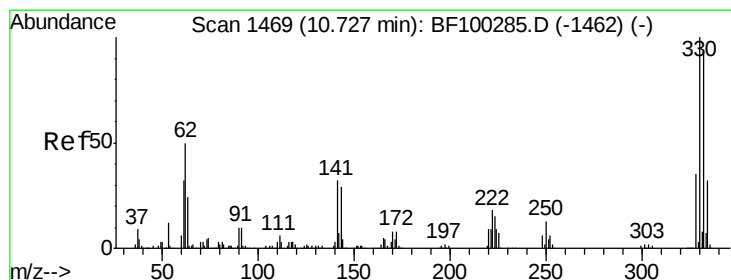
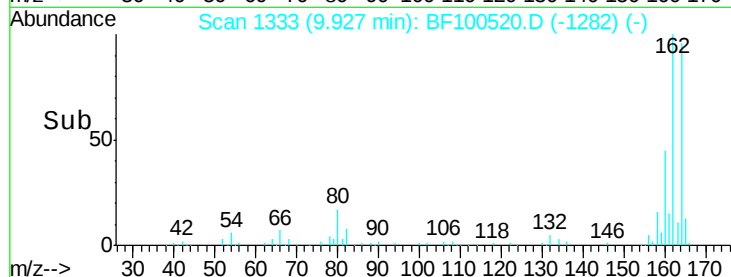
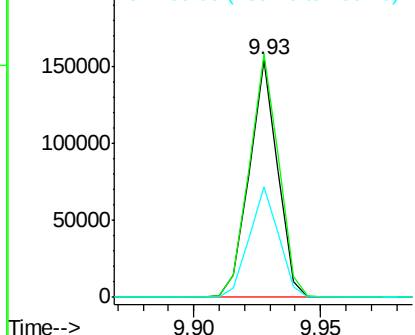
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF100520.D
Acq: 13 Nov 2017 23:08

Instrument :
BNA_F
ClientSampleId :
3N-15

Tgt Ion:164 Resp: 120146
Ion Ratio Lower Upper
164 100
162 102.4 86.1 129.1
160 46.4 38.3 57.5

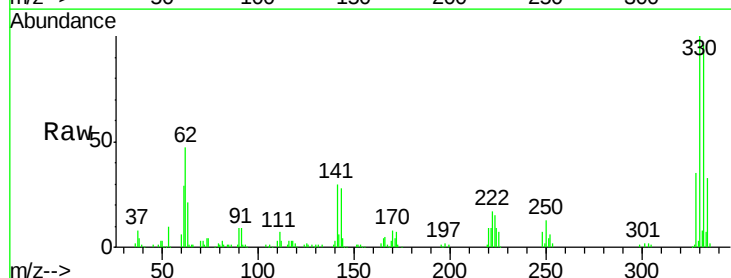


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

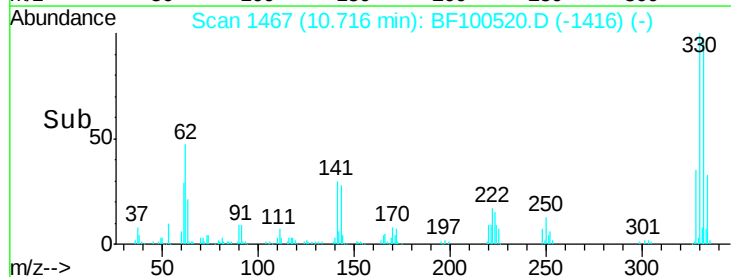
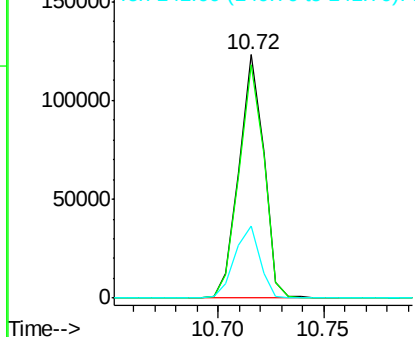


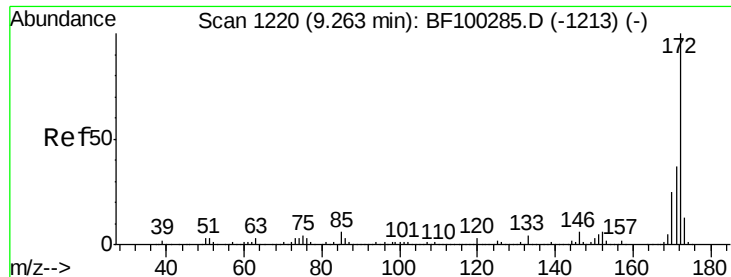
#41
2,4,6-Tribromophenol
Concen: 81.72 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF100520.D
Acq: 13 Nov 2017 23:08

Tgt Ion:330 Resp: 100047
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 30.0 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

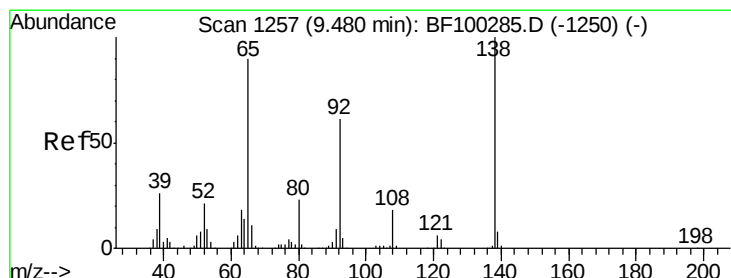
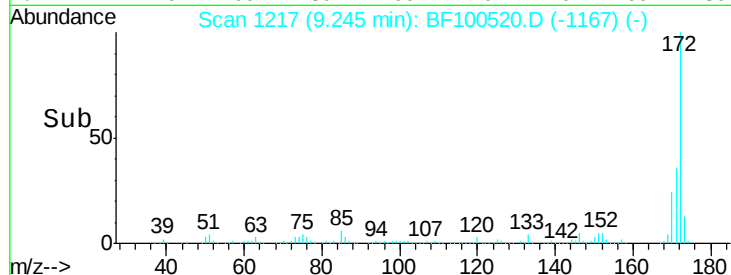
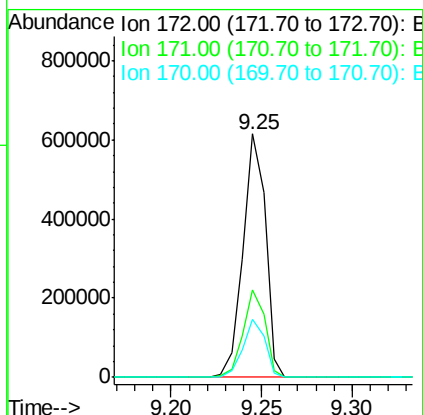
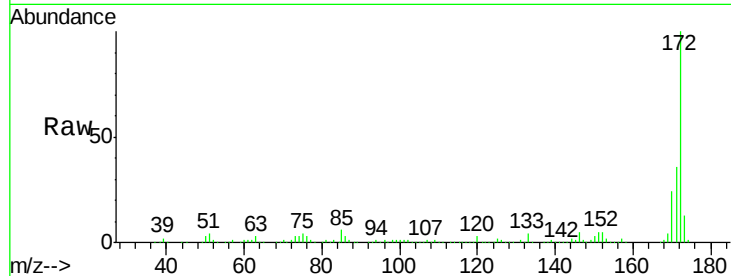




#44
 2-Fluorobiphenyl
 Concen: 67.19 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF100520.D
 Acq: 13 Nov 2017 23:08

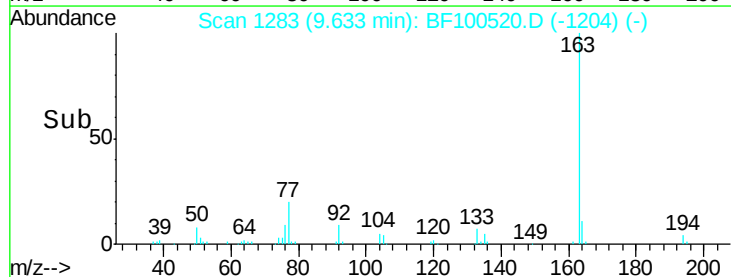
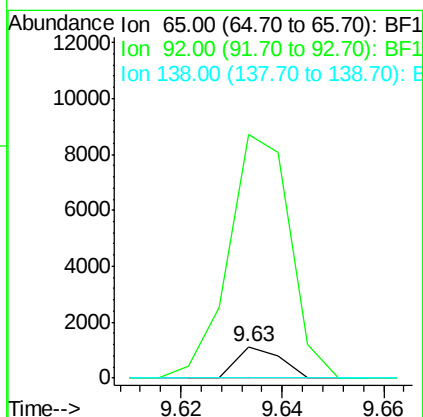
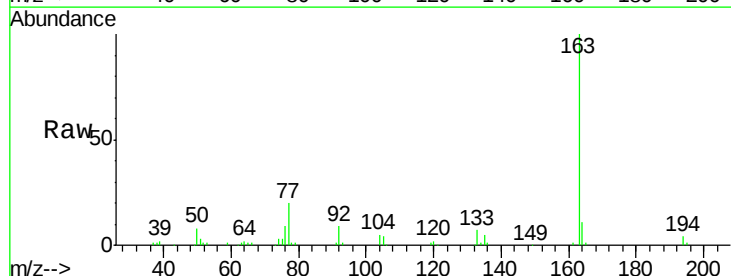
Instrument :
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 ClientSampleId :
 3N-15

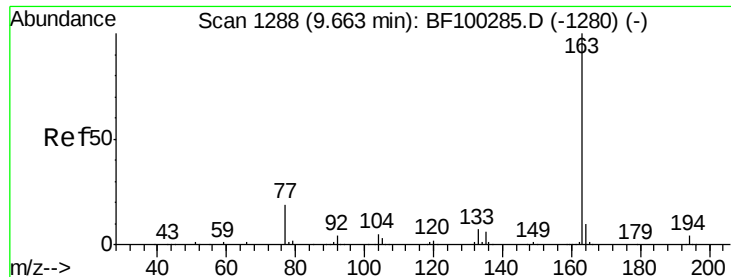
Tgt Ion: 172 Resp: 530145
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.9 19.6 29.4



#47
 2-Nitroaniline
 Concen: 3.07 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. 0.16 min
 Lab File: BF100520.D
 Acq: 13 Nov 2017 23:08

Tgt Ion: 65 Resp: 684
 Ion Ratio Lower Upper
 65 100
 92 774.1 55.8 83.6#
 138 0.0 91.2 136.8#

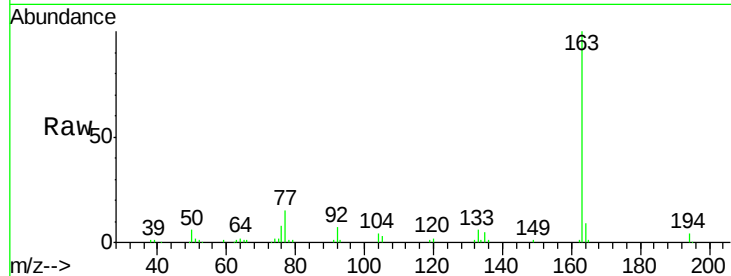




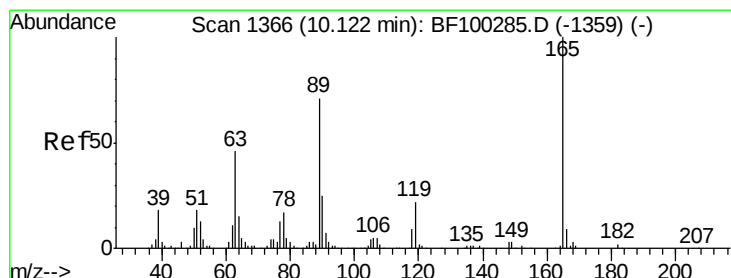
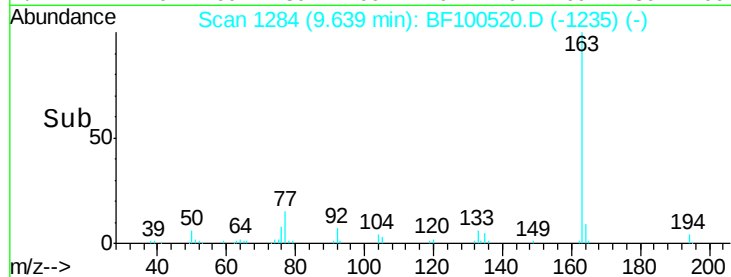
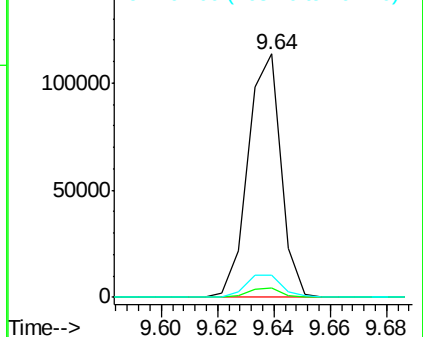
#49
Dimethylphthalate
Concen: 9.97 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF100520.D
Acq: 13 Nov 2017 23:08

Instrument :
BNA_F
ClientSampleId :
3N-15

Tgt Ion:163 Resp: 91445
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.1 8.2 12.2

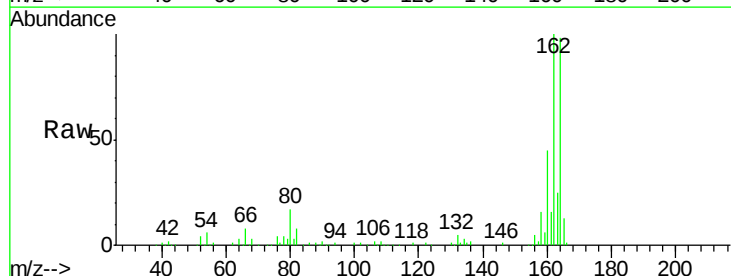


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

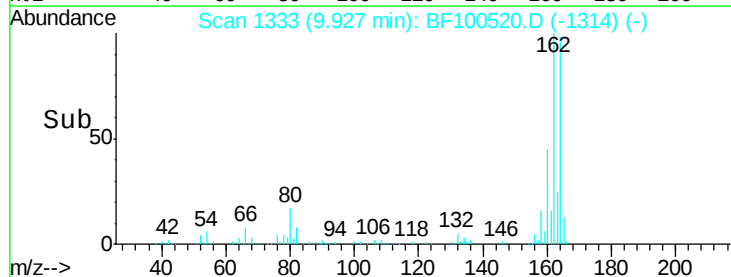
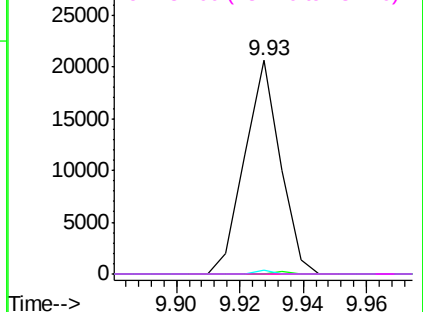


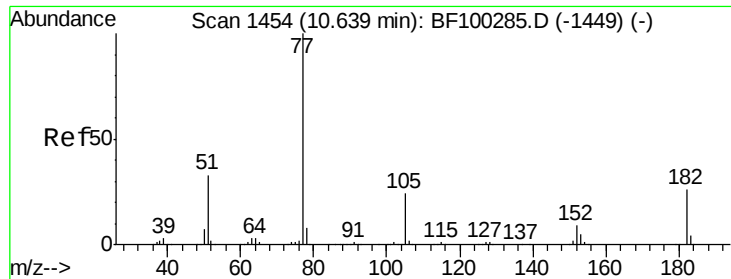
#56
2,4-Dinitrotoluene
Concen: 7.00 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.19 min
Lab File: BF100520.D
Acq: 13 Nov 2017 23:08

Tgt Ion:165 Resp: 16028
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 1.8 57.8 86.6#
182 0.0 1.6 2.4#



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
Ion 182.00 (181.70 to 182.70): E





#62

Azobenzene

Concen: 6.17 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BF100520.D

Acq: 13 Nov 2017 23:08

Instrument :

BNA_F

ClientSampleId :

3N-15

Tgt Ion: 77 Resp: 53381

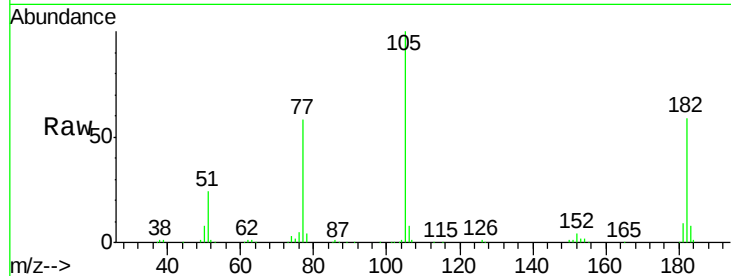
Ion Ratio Lower Upper

77 100

182 100.8 1.7 41.7#

105 171.0 3.0 43.0#

51 40.7 9.9 49.9

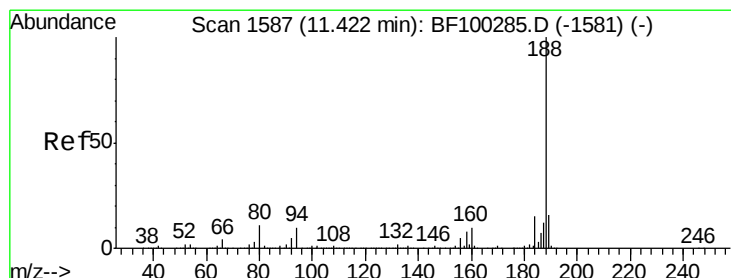
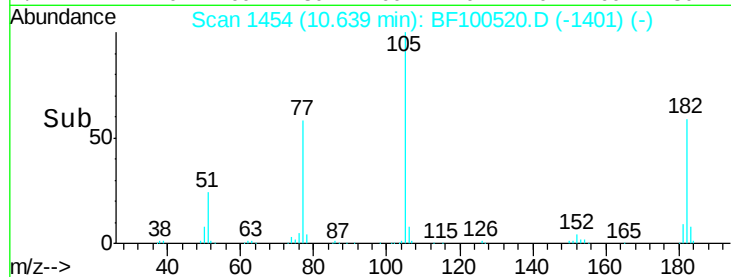
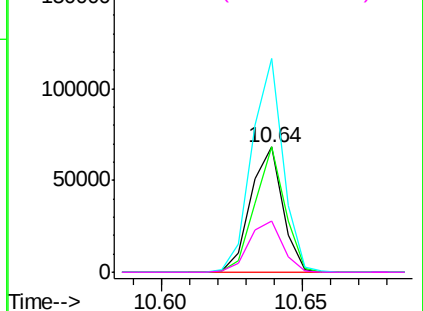


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BF100520.D

Acq: 13 Nov 2017 23:08

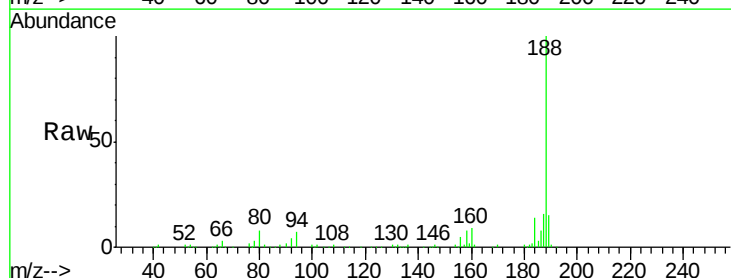
Tgt Ion: 188 Resp: 191943

Ion Ratio Lower Upper

188 100

94 7.3 8.5 12.7#

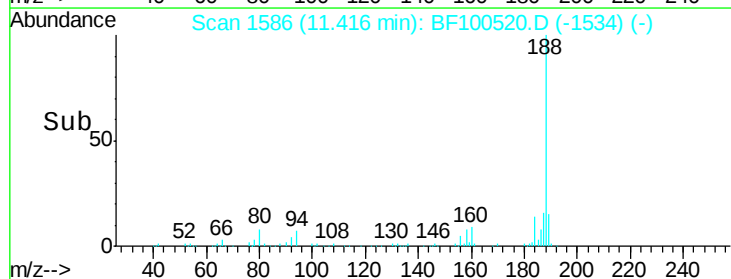
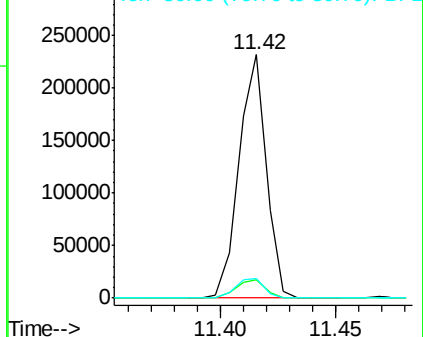
80 7.8 9.2 13.8#

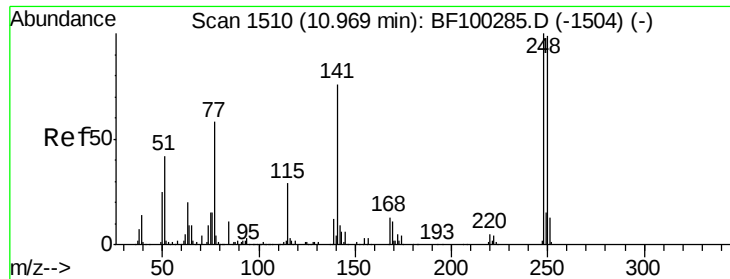


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

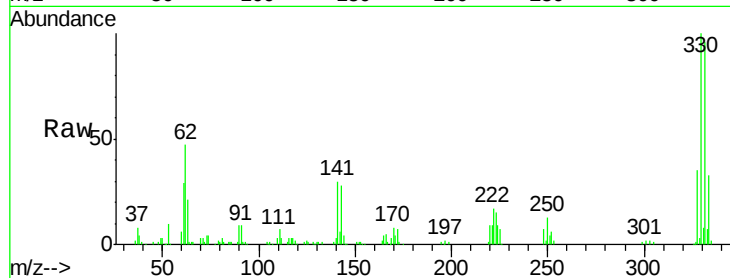




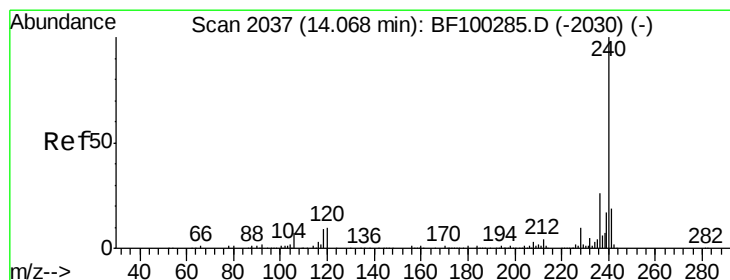
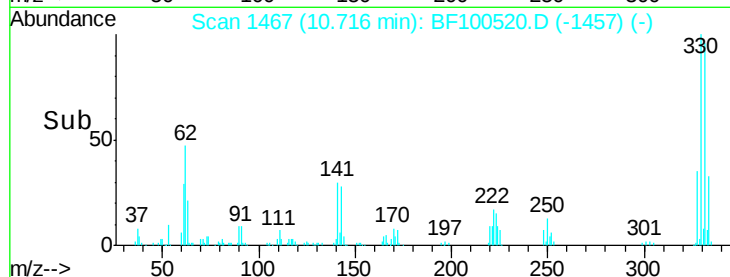
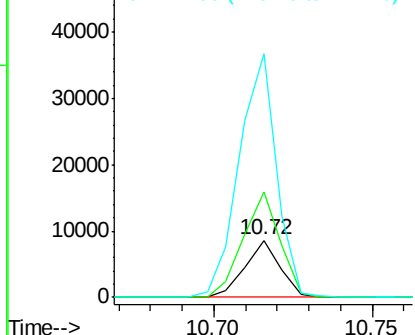
#66
4-Bromophenyl-phenylether
Concen: 3.23 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.24 min
Lab File: BF100520.D
Acq: 13 Nov 2017 23:08

Instrument :
BNA_F
ClientSampleId :
3N-15

Tgt Ion:248 Resp: 6642
Ion Ratio Lower Upper
248 100
250 183.2 76.9 115.3#
141 424.8 74.4 111.6#

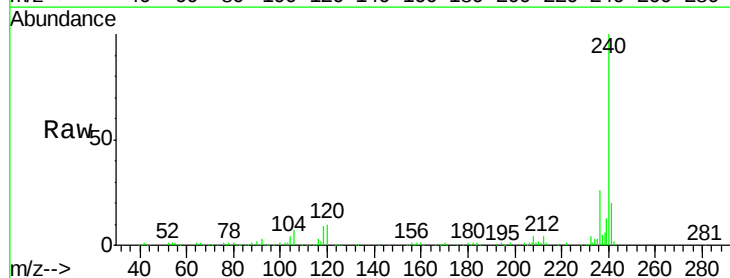


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

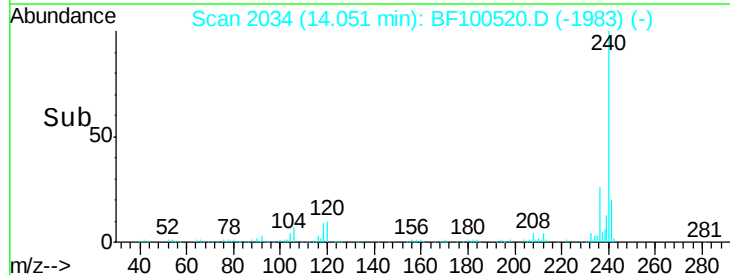
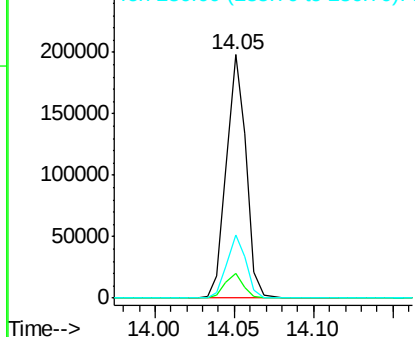


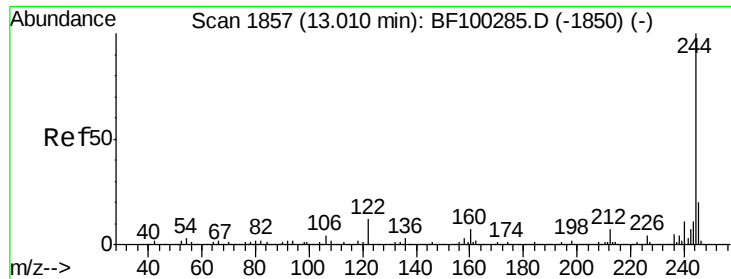
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF100520.D
Acq: 13 Nov 2017 23:08

Tgt Ion:240 Resp: 169997
Ion Ratio Lower Upper
240 100
120 10.0 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: 46.70 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF100520.D

Acq: 13 Nov 2017 23:08

Instrument :

BNA_F

ClientSampleId :

3N-15

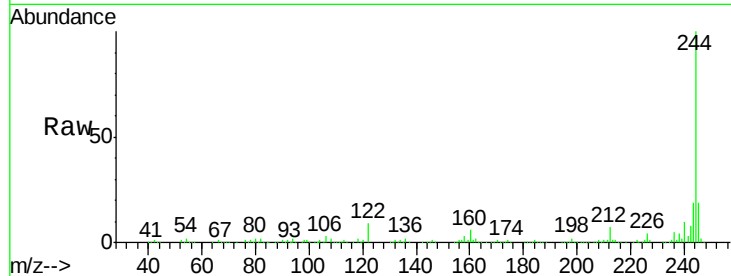
Tgt Ion:244 Resp: 345483

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

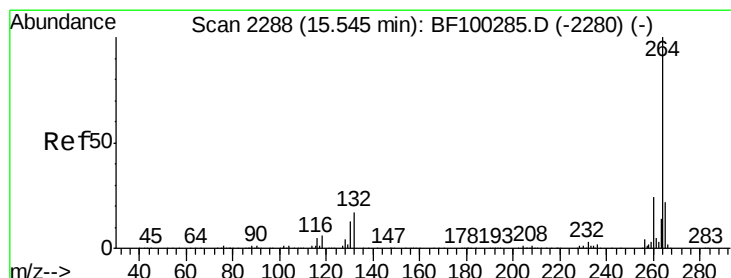
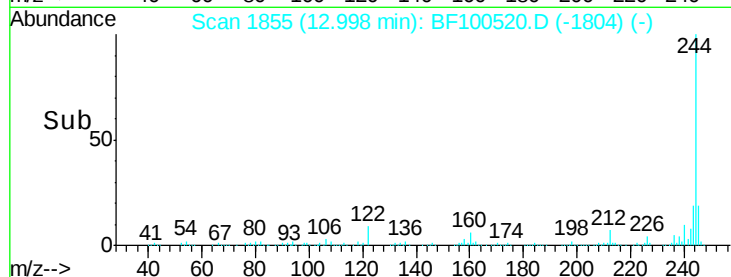
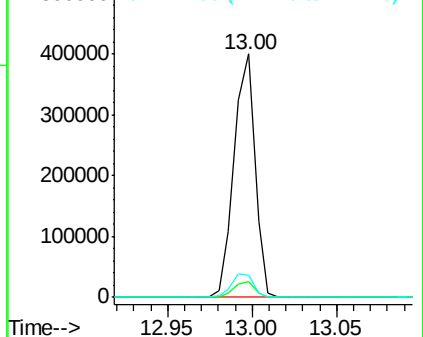
122 9.2 11.0 16.4#



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: 20.00 ng

RT: 15.53 min Scan# 2286

Delta R.T. 0.01 min

Lab File: BF100520.D

Acq: 13 Nov 2017 23:08

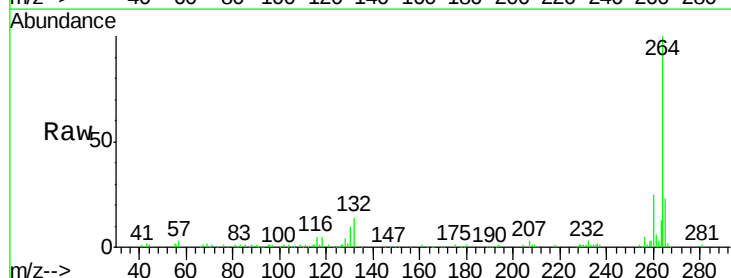
Tgt Ion:264 Resp: 120018

Ion Ratio Lower Upper

264 100

260 25.0 19.2 28.8

265 22.5 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

