

Data File : BF100548.D
Acq On : 14 Nov 2017 17:48
Operator : SJ/JU
Sample : I6389-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3N-13

Quant Time: Nov 15 00:53:56 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 14 14:17:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	121143	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	442454	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	166114	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	276531	20.00	ng	0.00
75) Chrysene-d12	14.04	240	272235	20.00	ng	0.00
86) Perylene-d12	15.52	264	195361	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	512007	67.75	ng	0.00
7) Phenol-d6	6.50	99	616117	66.11	ng	0.00
23) Nitrobenzene-d5	7.45	82	360875	53.92	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	104321	61.63	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	564813	51.77	ng	0.00
78) Terphenyl-d14	12.99	244	416130	35.12	ng	0.00

Target Compounds						Qvalue
10) Phenol	6.52	94	25873	2.64	ng	90
19) n-Nitroso-di-n-propylamine	7.45	70	46713	7.23	ng	# 82
25) Isophorone	7.45	82	360869	25.66	ng	# 64
47) 2-Nitroaniline	9.63	65	783	3.02	ng	# 1
49) Dimethylphthalate	9.63	163	90429	7.13	ng	100
56) 2,4-Dinitrotoluene	9.92	165	21601	6.82	ng	# 23
62) Azobenzene	10.63	77	61711	5.16	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	6736	2.27	ng	# 1

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

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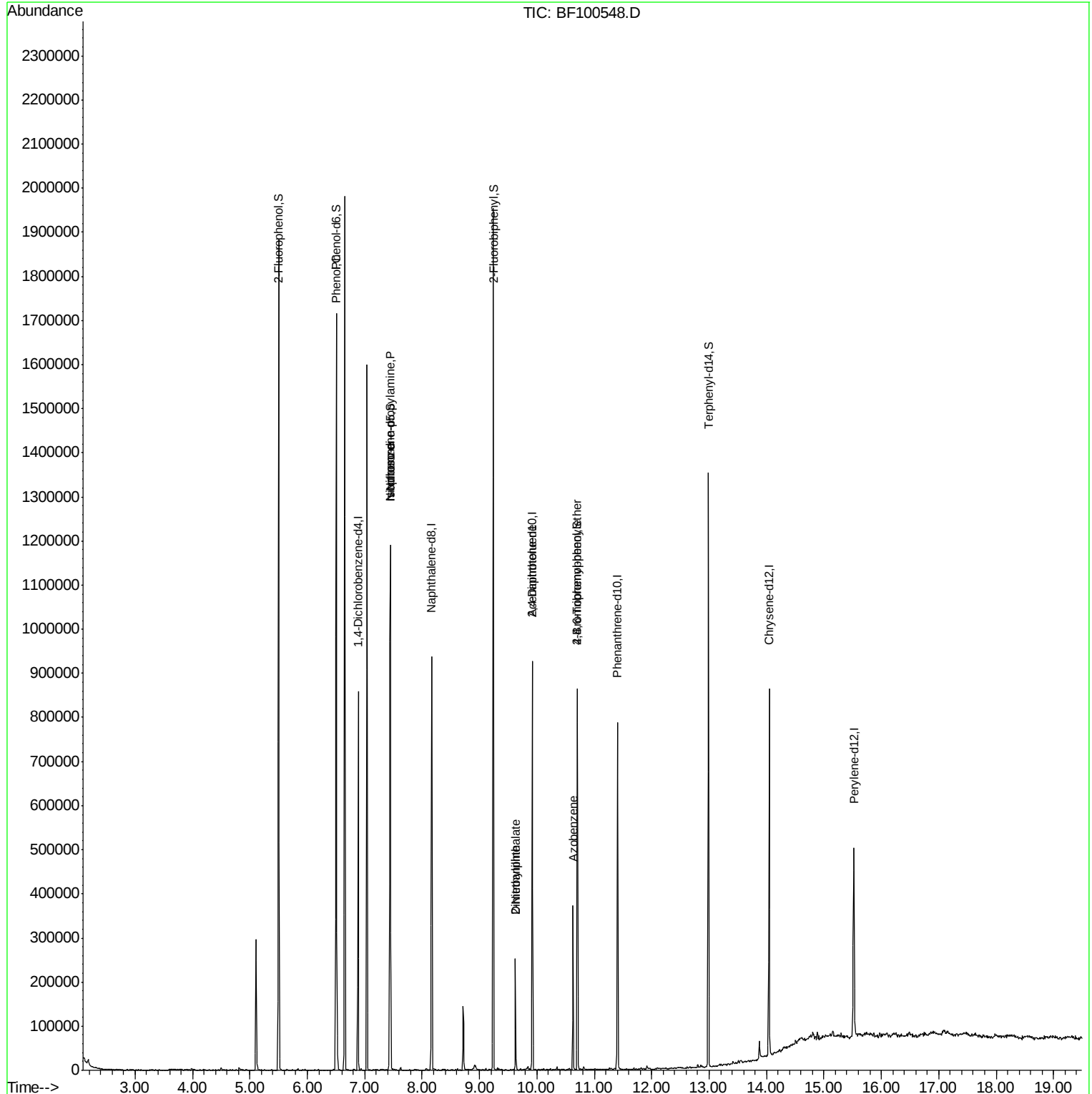
Quant Time: Nov 15 00:53:56 2017

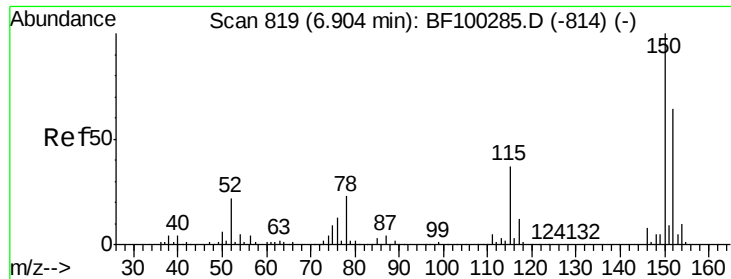
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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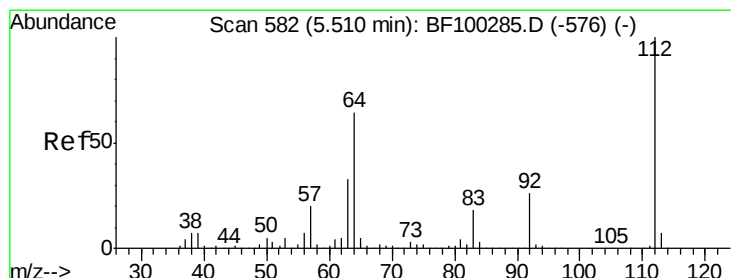
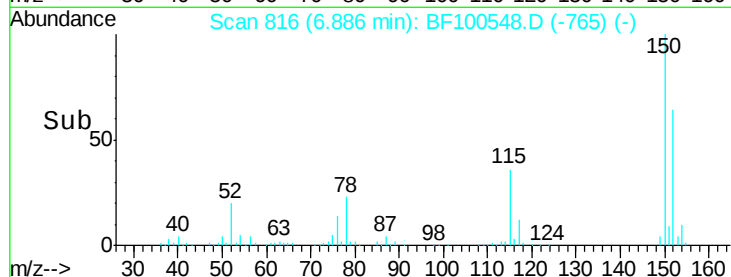
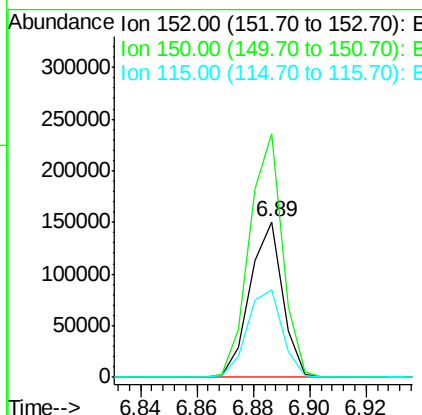
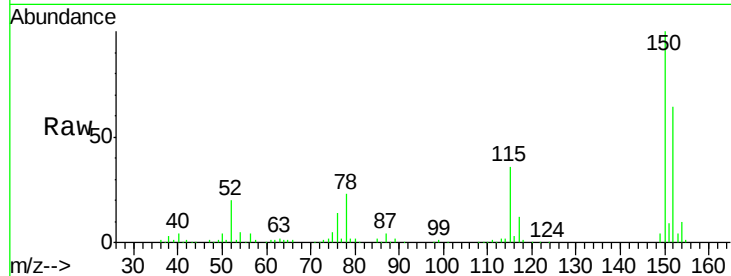




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF100548.D
 Acq: 14 Nov 2017 17:48

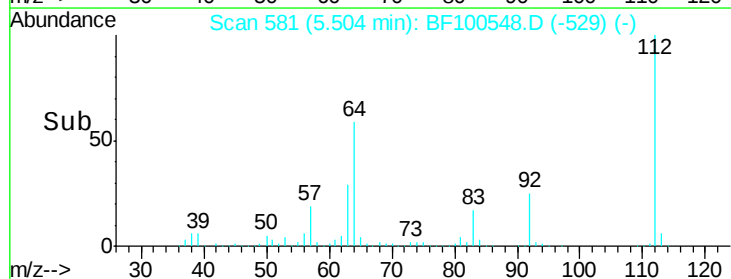
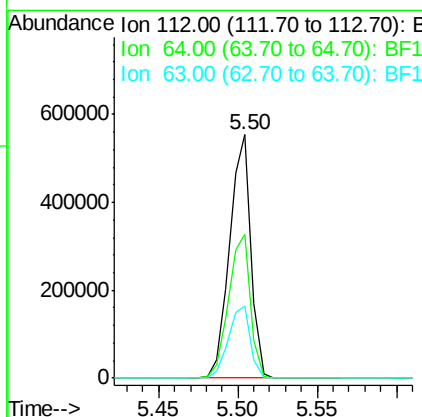
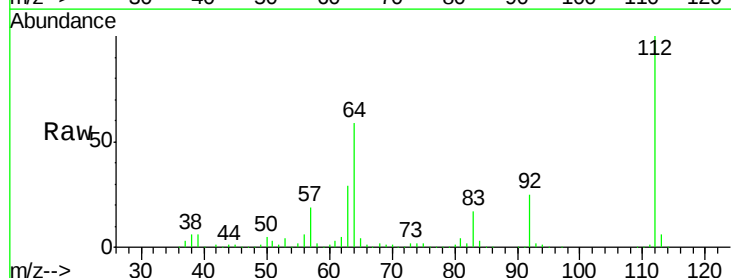
Instrument :
 BNA_F
 ClientSampleId :
 3N-13

Tgt Ion:152 Resp: 121143
 Ion Ratio Lower Upper
 152 100
 150 156.2 124.6 186.8
 115 56.0 50.1 75.1



#5
 2-Fluorophenol
 Concen: 67.75 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF100548.D
 Acq: 14 Nov 2017 17:48

Tgt Ion:112 Resp: 512007
 Ion Ratio Lower Upper
 112 100
 64 59.0 47.9 71.9
 63 29.5 23.7 35.5





#7

Phenol-d6

Concen: 66.11 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100548.D

Acq: 14 Nov 2017 17:48

Instrument :

BNA_F

ClientSampleId :

3N-13

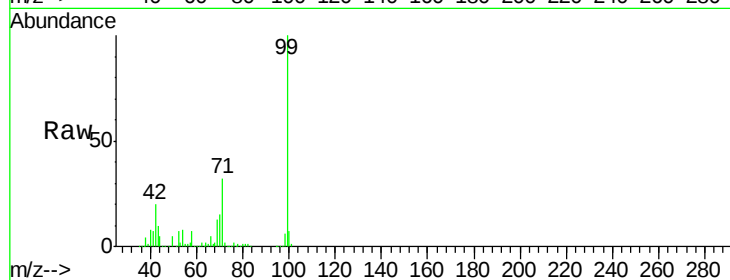
Tgt Ion: 99 Resp: 616117

Ion Ratio Lower Upper

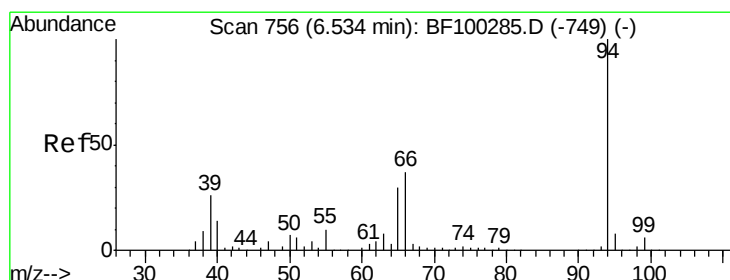
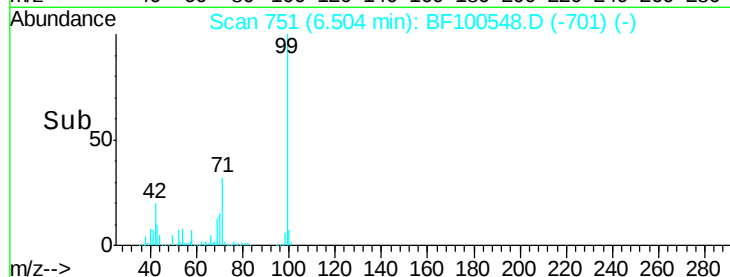
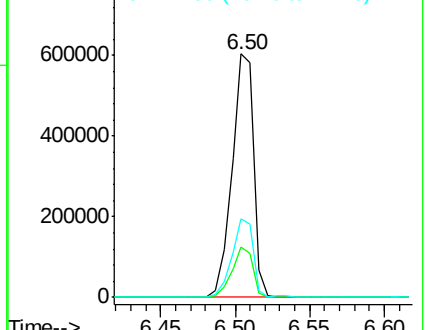
99 100

42 20.4 14.5 21.7

71 32.2 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: 2.64 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100548.D

Acq: 14 Nov 2017 17:48

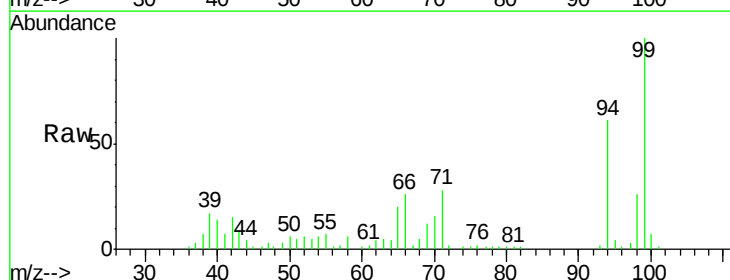
Tgt Ion: 94 Resp: 25873

Ion Ratio Lower Upper

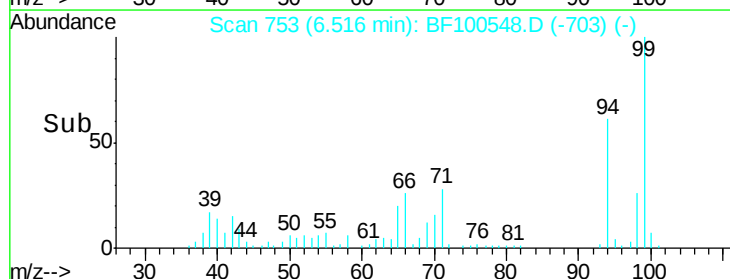
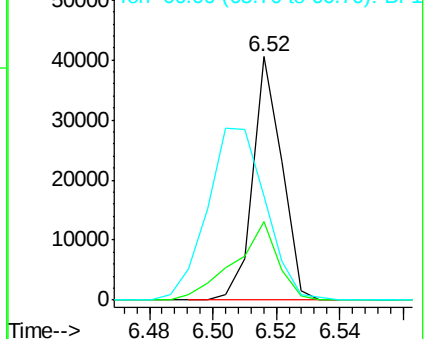
94 100

65 32.3 7.9 47.9

66 42.7 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

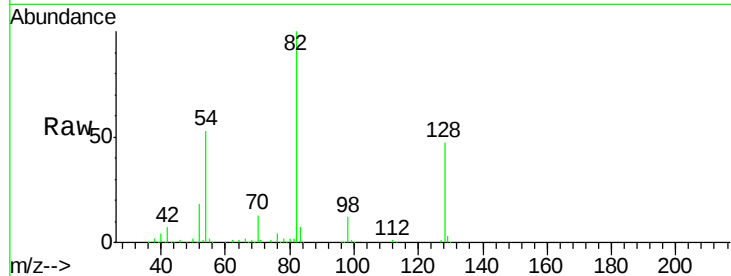




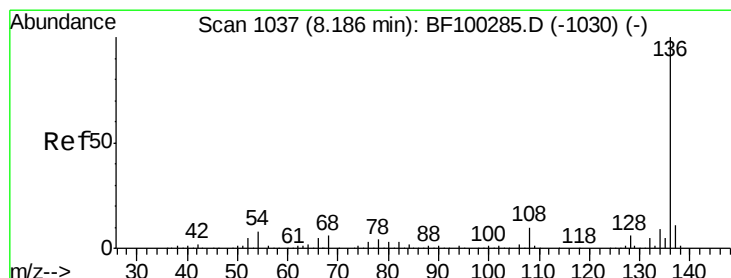
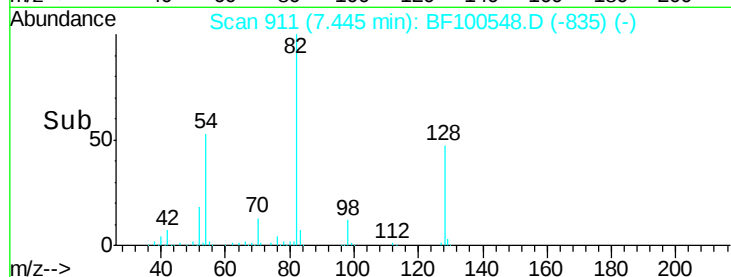
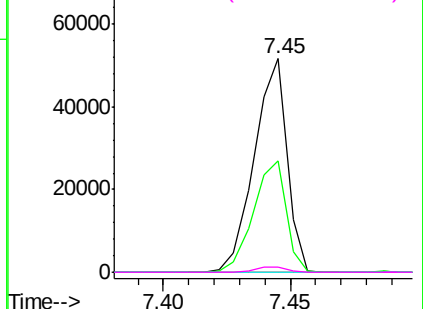
#19
n-Nitroso-di-n-propylamine
Concen: 7.23 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF100548.D
Acq: 14 Nov 2017 17:48

Instrument :
BNA_F
ClientSampleId :
3N-13

Tgt Ion: 70 Resp: 46713
Ion Ratio Lower Upper
70 100
42 52.3 47.5 71.3
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



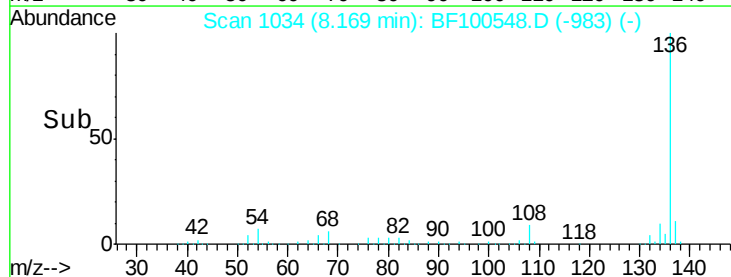
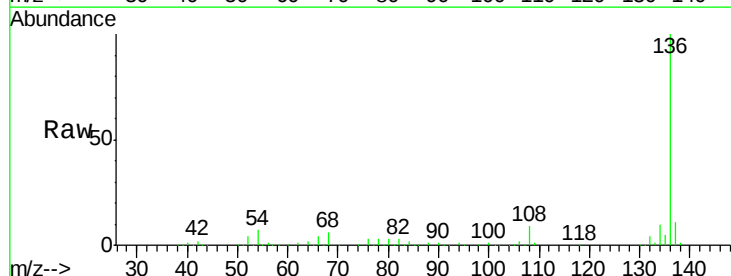
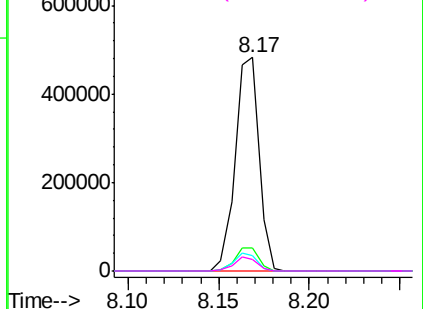
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF100548.D
Acq: 14 Nov 2017 17:48

Tgt Ion: 136 Resp: 442454
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 7.4 6.6 9.8
68 5.6 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

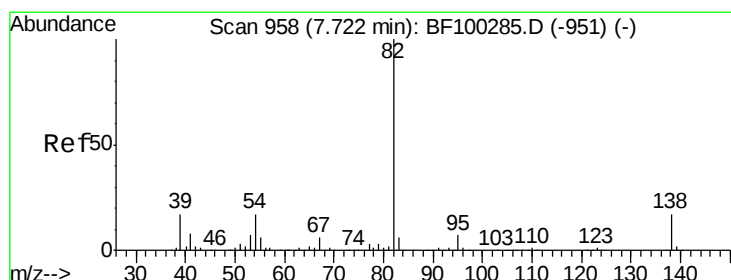
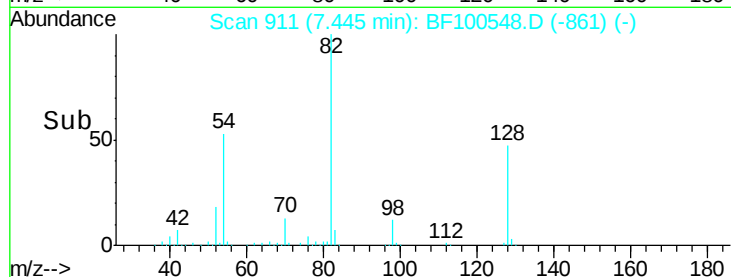
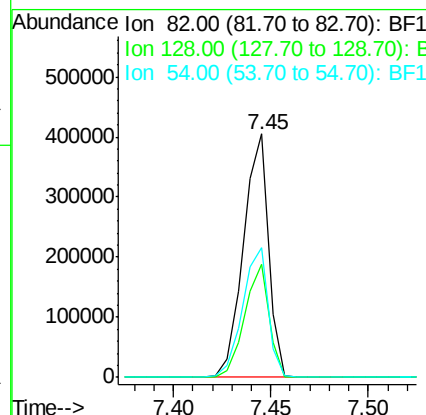
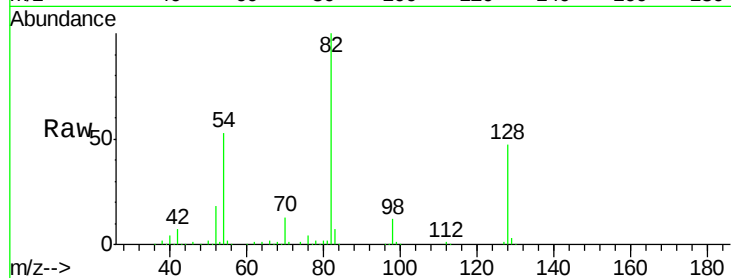




#23
Nitrobenzene-d5
Concen: 53.92 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100548.D
Acq: 14 Nov 2017 17:48

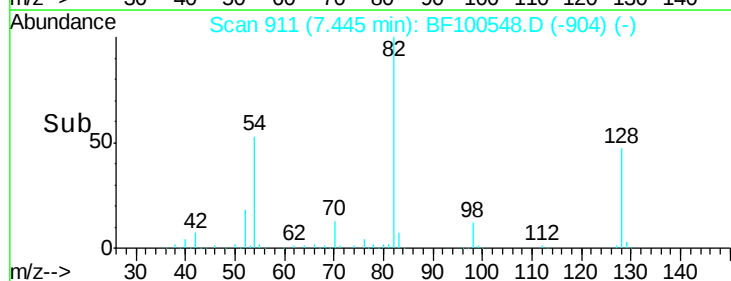
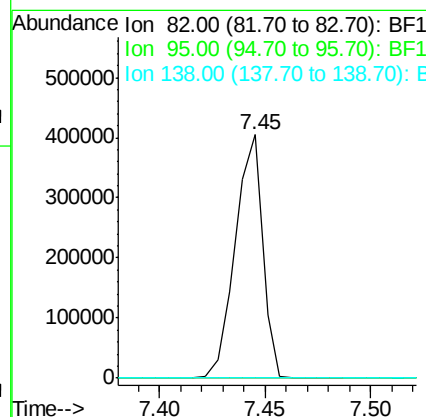
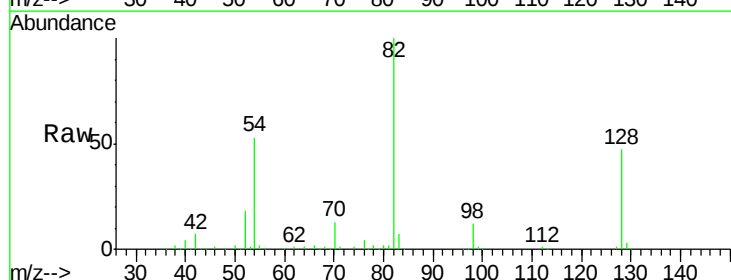
Instrument :
BNA_F
ClientSampled :
3N-13

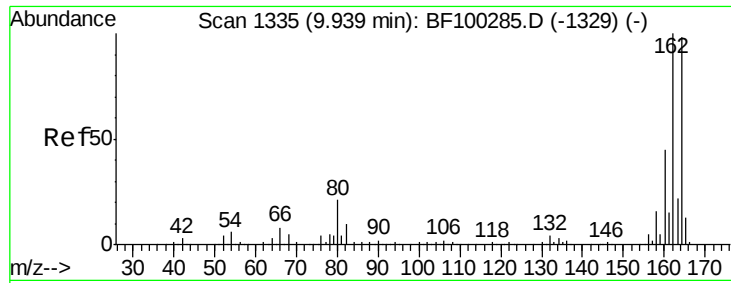
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	53.1	41.4	62.2



#25
Isophorone
Concen: 25.66 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100548.D
Acq: 14 Nov 2017 17:48

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

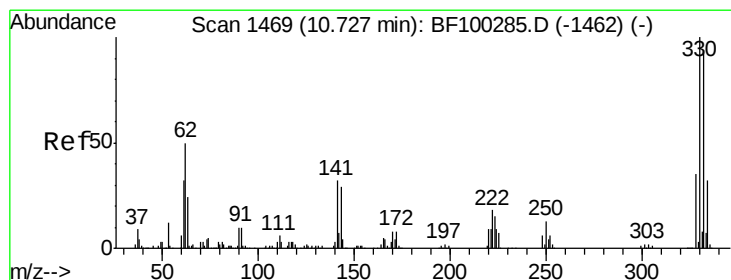
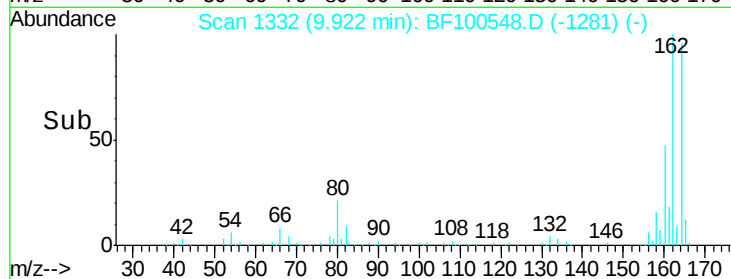
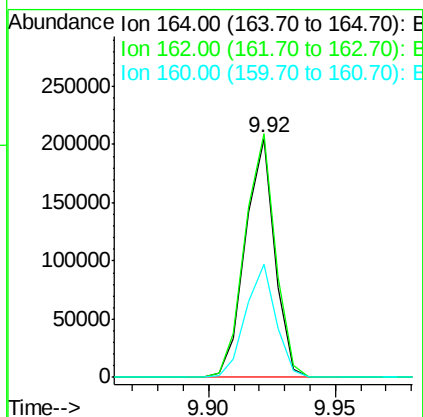
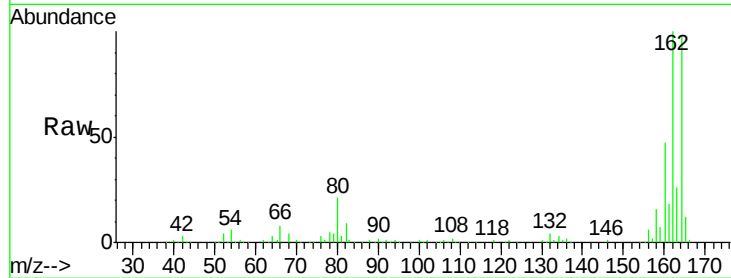




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF100548.D
 Acq: 14 Nov 2017 17:48

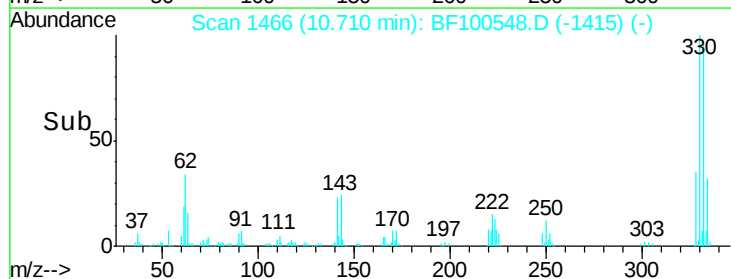
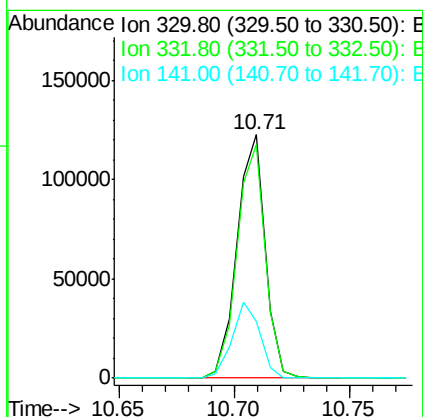
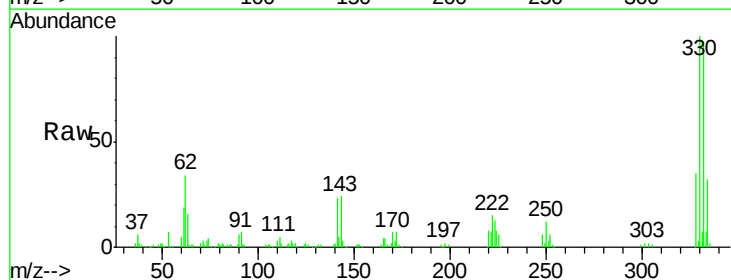
Instrument :
 BNA_F
 ClientSampleId :
 3N-13

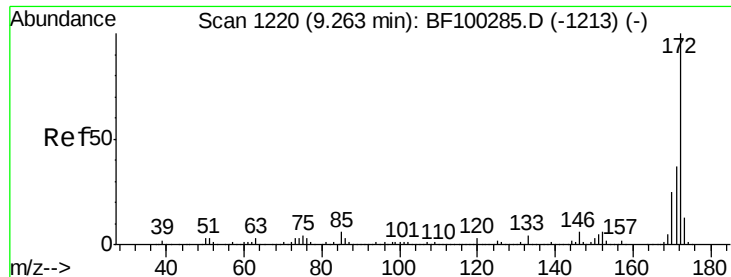
Tgt Ion:164 Resp: 166114
 Ion Ratio Lower Upper
 164 100
 162 101.9 86.1 129.1
 160 47.6 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 61.63 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF100548.D
 Acq: 14 Nov 2017 17:48

Tgt Ion:330 Resp: 104321
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 30.6 29.9 44.9

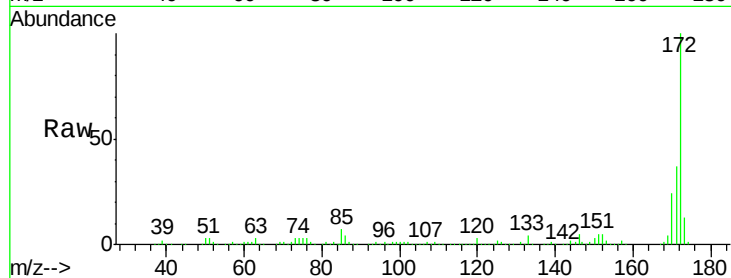




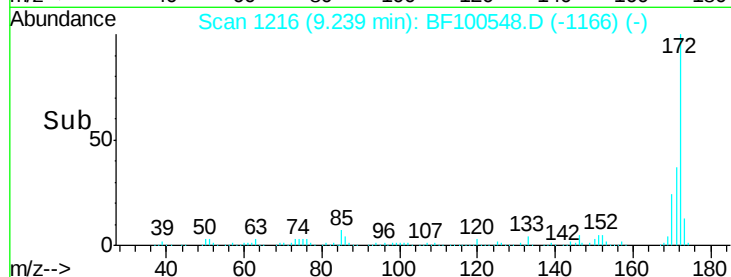
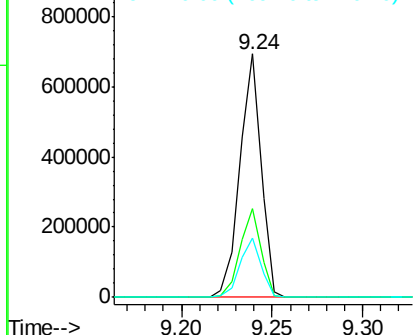
#44
2-Fluorobiphenyl
Concen: 51.77 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF100548.D
Acq: 14 Nov 2017 17:48

Instrument :
BNA_F
ClientSampleId :
3N-13

Tgt Ion: 172 Resp: 564813
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.3 19.6 29.4

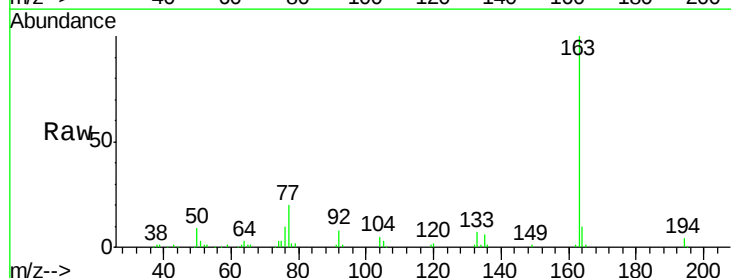


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

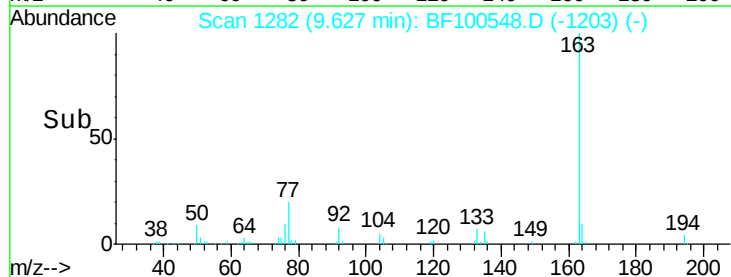
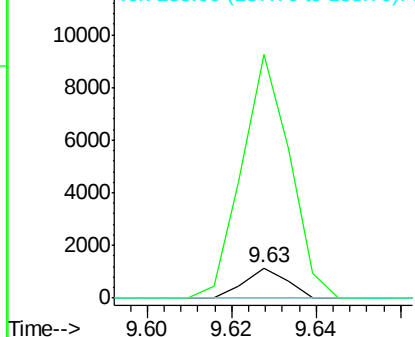


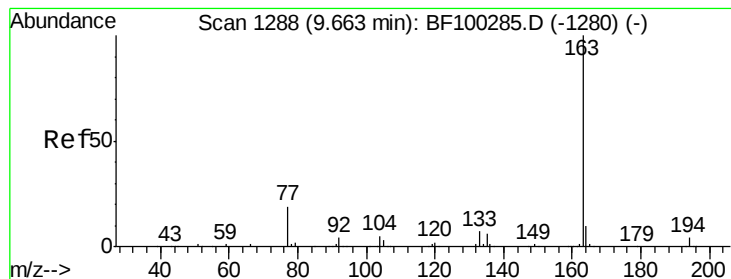
#47
2-Nitroaniline
Concen: 3.02 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.16 min
Lab File: BF100548.D
Acq: 14 Nov 2017 17:48

Tgt Ion: 65 Resp: 783
Ion Ratio Lower Upper
65 100
92 799.8 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: 7.13 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF100548.D

Acq: 14 Nov 2017 17:48

Instrument :

BNA_F

ClientSampleId :

3N-13

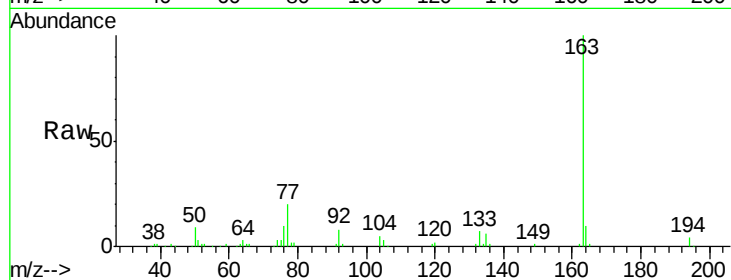
Tgt Ion:163 Resp: 90429

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

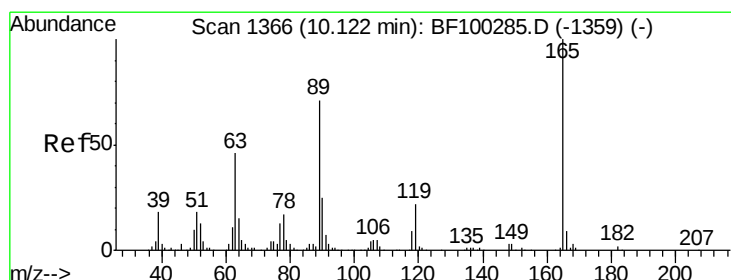
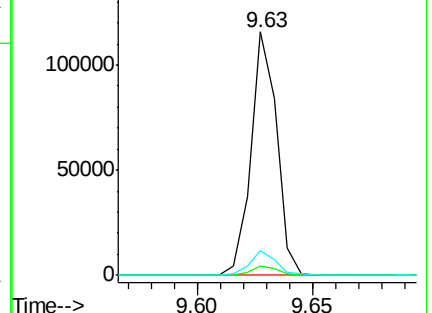
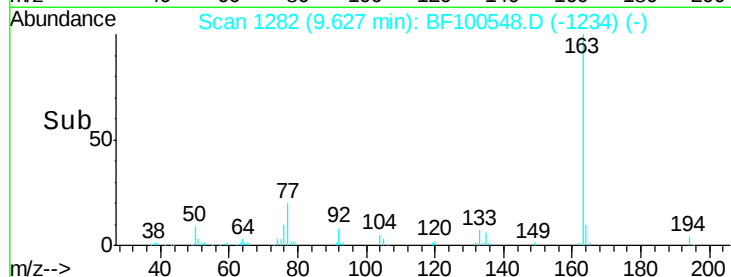
164 10.2 8.2 12.2



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: 6.82 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.19 min

Lab File: BF100548.D

Acq: 14 Nov 2017 17:48

Tgt Ion:165 Resp: 21601

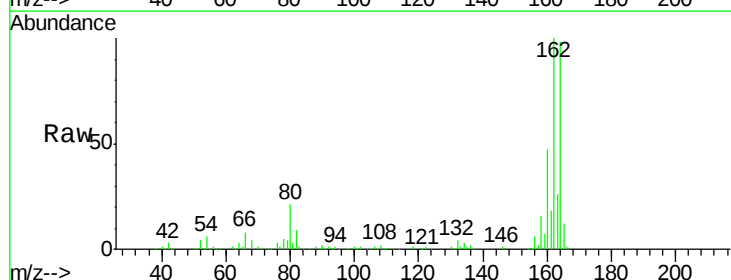
Ion Ratio Lower Upper

165 100

63 1.5 36.4 54.6#

89 1.5 57.8 86.6#

182 0.0 1.6 2.4#

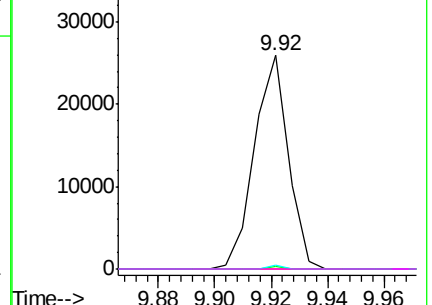
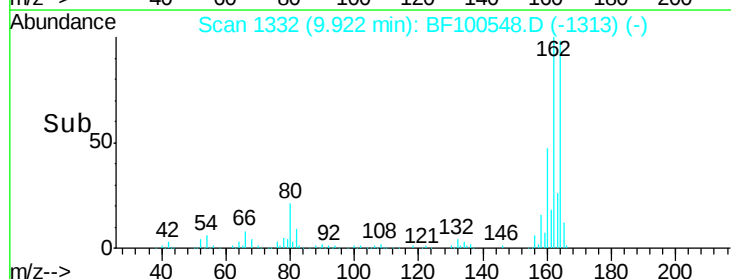


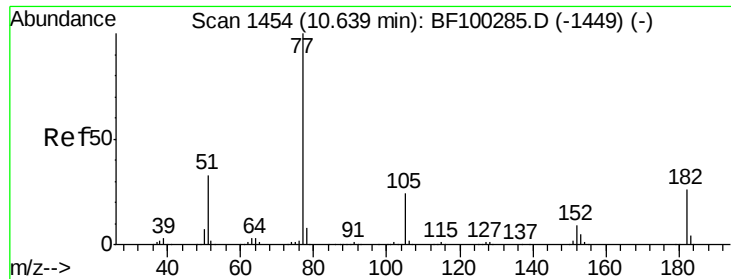
Abundance Ion 165.00 (164.70 to 165.70): E

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: 5.16 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

Lab File: BF100548.D

Acq: 14 Nov 2017 17:48

Instrument :

BNA_F

ClientSampled :

3N-13

Tgt Ion: 77 Resp: 61711

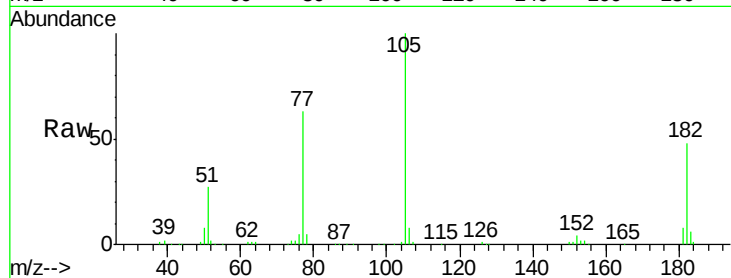
Ion Ratio Lower Upper

77 100

182 76.5 1.7 41.7#

105 157.8 3.0 43.0#

51 42.4 9.9 49.9

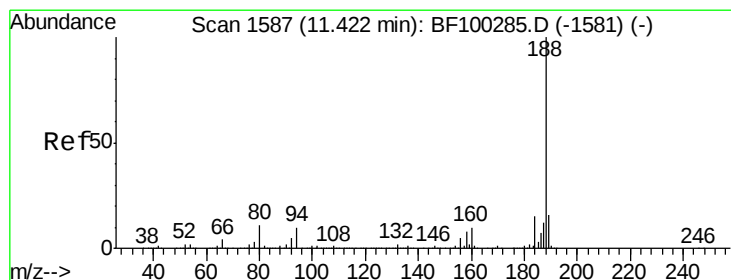
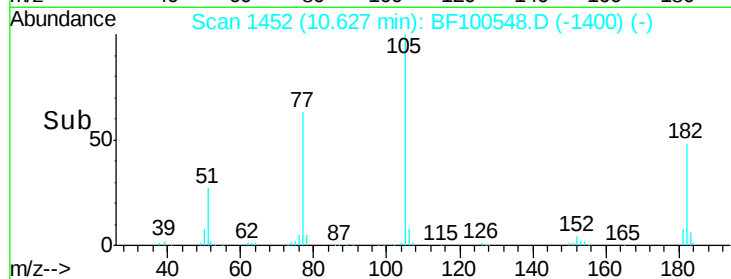
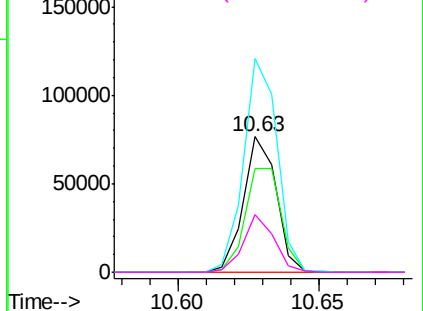


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF100548.D

Acq: 14 Nov 2017 17:48

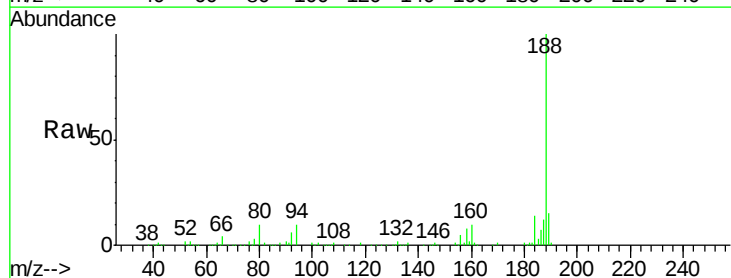
Tgt Ion: 188 Resp: 276531

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

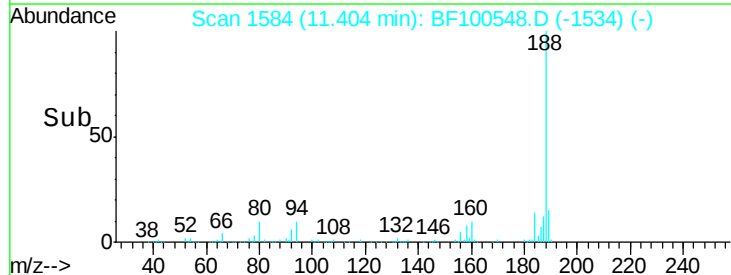
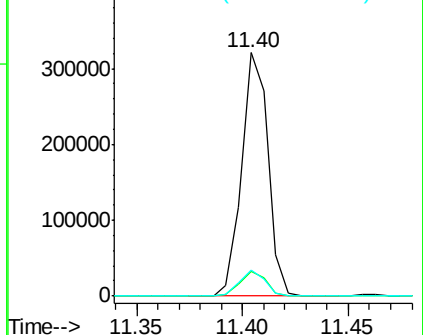
80 10.5 9.2 13.8

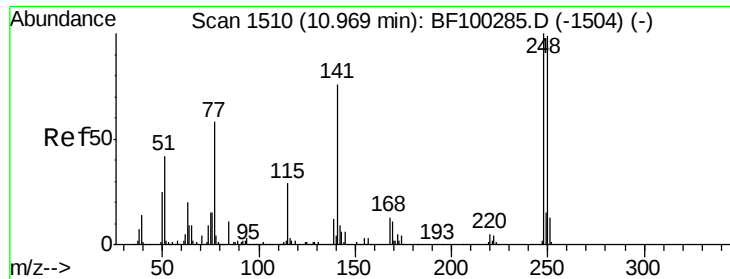


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

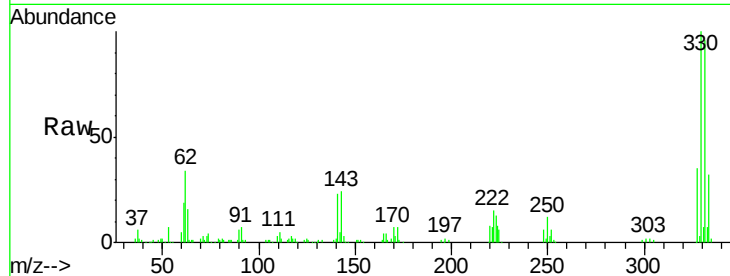




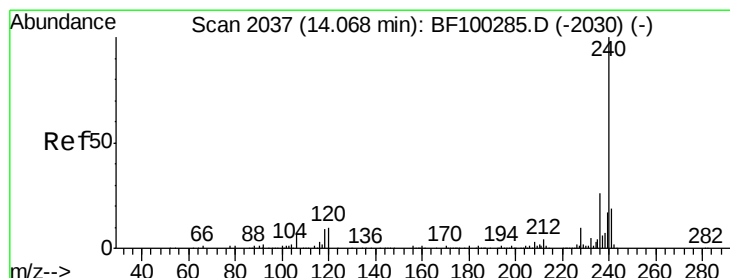
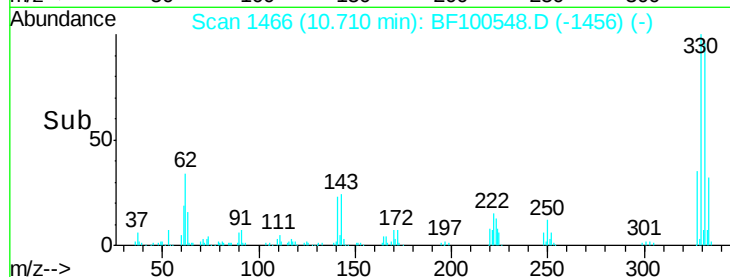
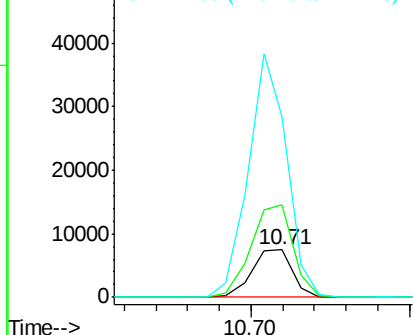
#66
 4-Bromophenyl-phenylether
 Concen: 2.27 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.24 min
 Lab File: BF100548.D
 Acq: 14 Nov 2017 17:48

Instrument :
 BNA_F
 ClientSampleId :
 3N-13

Tgt Ion: 248 Resp: 6736
 Ion Ratio Lower Upper
 248 100
 250 193.0 76.9 115.3#
 141 379.1 74.4 111.6#

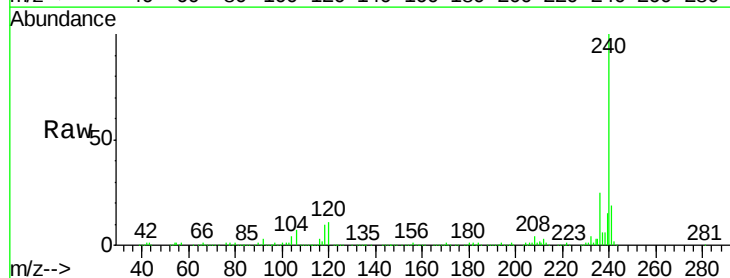


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

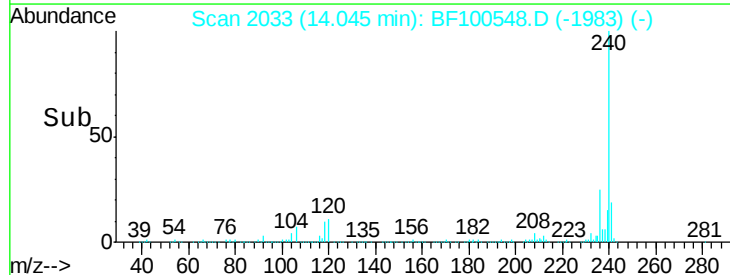
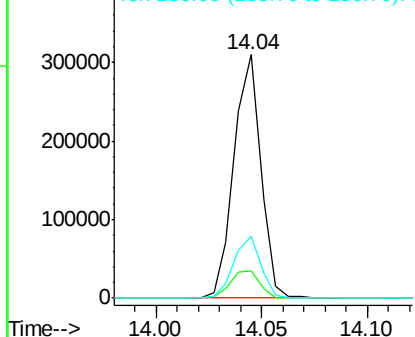


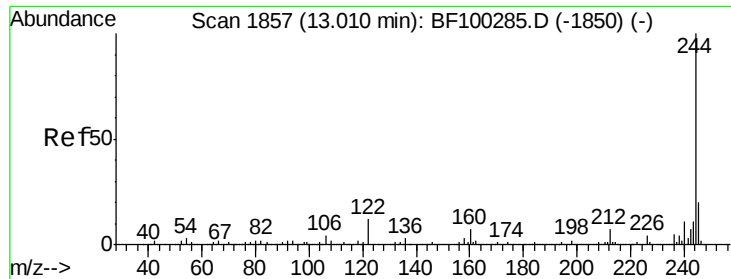
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF100548.D
 Acq: 14 Nov 2017 17:48

Tgt Ion: 240 Resp: 272235
 Ion Ratio Lower Upper
 240 100
 120 11.0 9.5 14.3
 236 25.3 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: 35.12 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100548.D

Acq: 14 Nov 2017 17:48

Instrument :

BNA_F

ClientSampleId :

3N-13

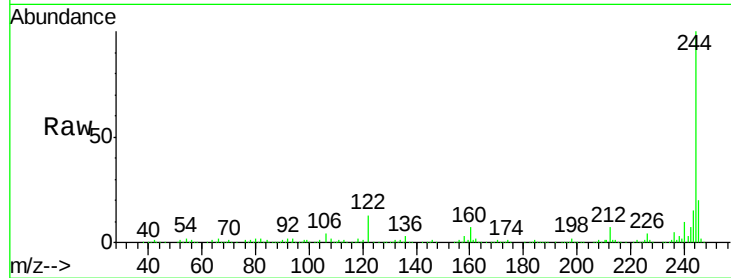
Tgt Ion:244 Resp: 416130

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

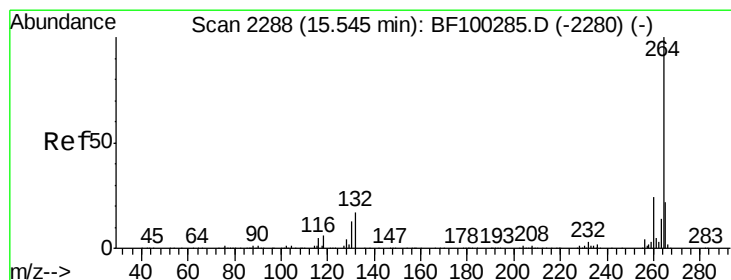
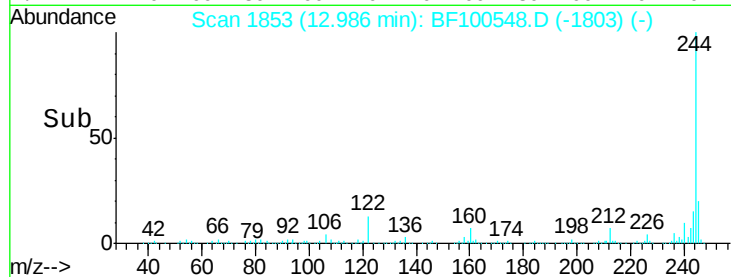
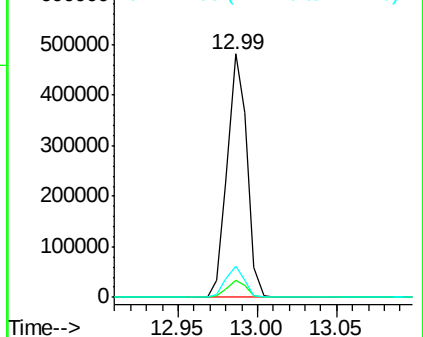
122 12.5 11.0 16.4



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: 20.00 ng

RT: 15.52 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BF100548.D

Acq: 14 Nov 2017 17:48

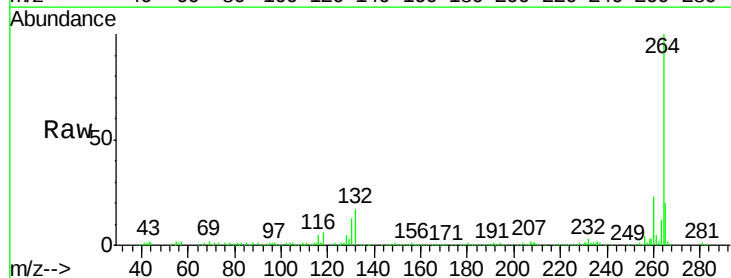
Tgt Ion:264 Resp: 195361

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 20.4 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

