

Data File : BF100450.D
Acq On : 11 Nov 2017 19:31
Operator : SJ/JU
Sample : I6389-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3N-15

Quant Time: Nov 13 01:11:49 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	136538	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	480082	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	176767	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	294380	20.00	ng	0.00
75) Chrysene-d12	14.06	240	298477	20.00	ng	0.00
86) Perylene-d12	15.55	264	205236	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	642401	75.42	ng	0.00
7) Phenol-d6	6.53	99	758219	72.19	ng	0.00
23) Nitrobenzene-d5	7.46	82	440100	60.61	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	128407	71.29	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	705805	60.80	ng	0.00
78) Terphenyl-d14	13.01	244	537930	41.41	ng	0.00

Target Compounds						Qvalue
10) Phenol	6.53	94	34715	3.15	ng	92
19) n-Nitroso-di-n-propylamine	7.46	70	57588	7.91	ng	# 80
25) Isophorone	7.46	82	439463	28.80	ng	# 64
47) 2-Nitroaniline	9.65	65	1000	3.07	ng	# 1
49) Dimethylphthalate	9.65	163	125162	9.27	ng	99
56) 2,4-Dinitrotoluene	9.94	165	22230	6.60	ng	# 22
62) Azobenzene	10.65	77	82515	6.49	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	8439	2.67	ng	# 1

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

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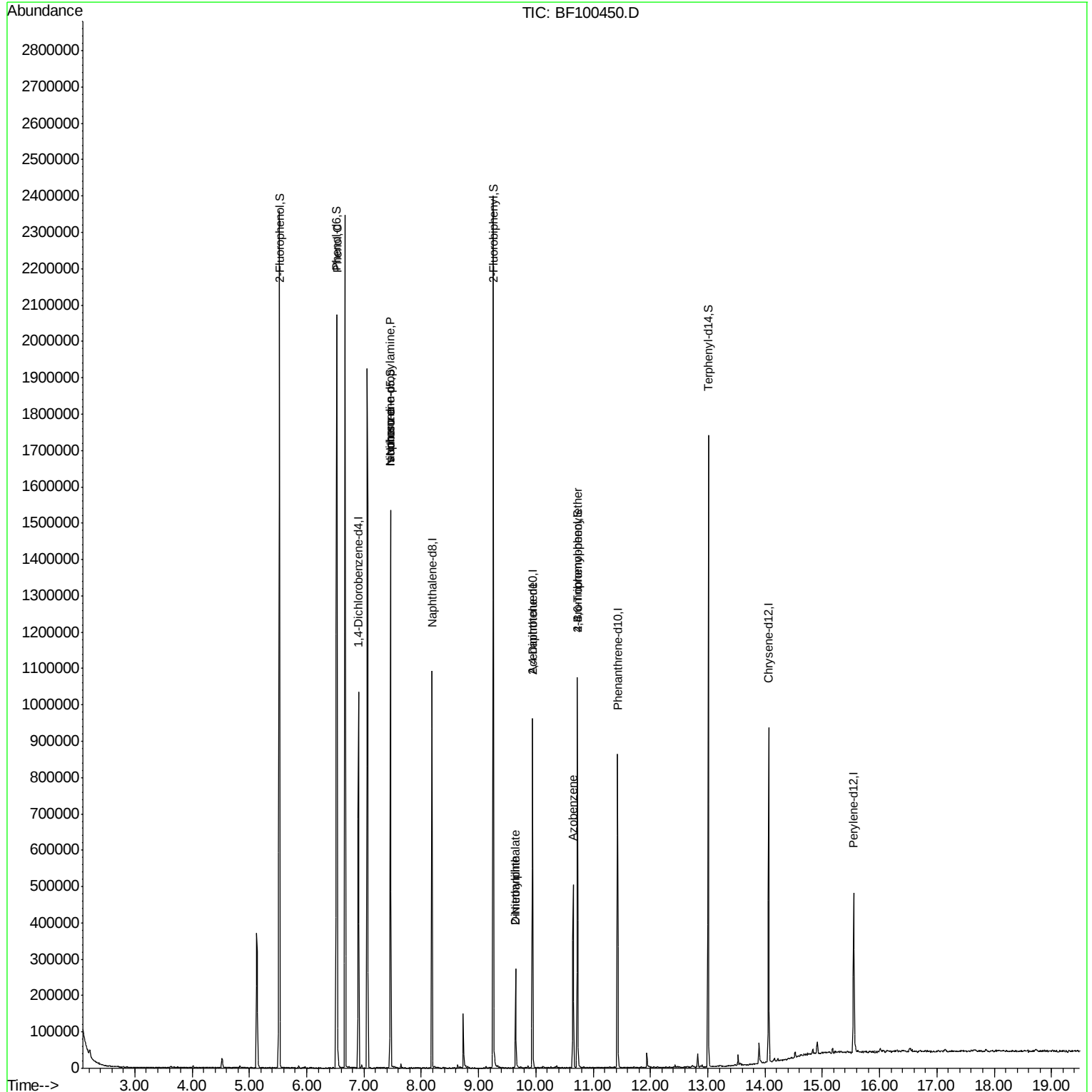
Quant Time: Nov 13 01:11:49 2017

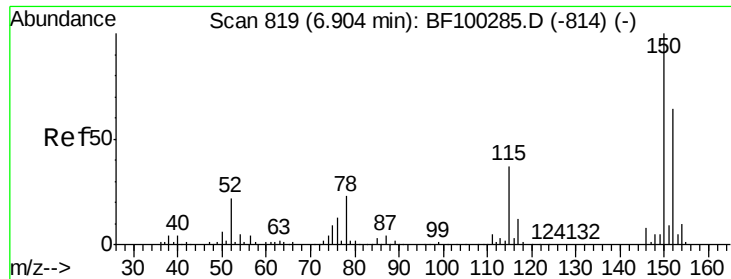
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

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QLast Update : Fri Nov 10 15:44:40 2017

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF100450.D

Acq: 11 Nov 2017 19:31

Instrument :

BNA_F

ClientSampleId :

3N-15

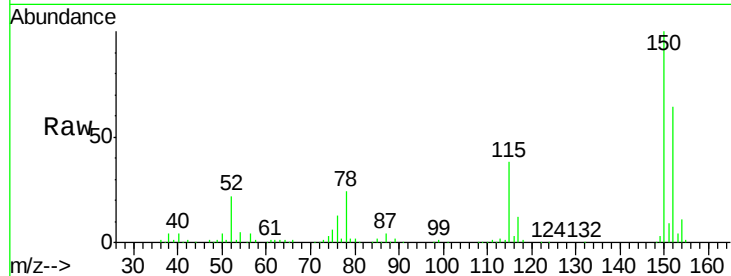
Tgt Ion:152 Resp: 136538

Ion Ratio Lower Upper

152 100

150 157.3 124.6 186.8

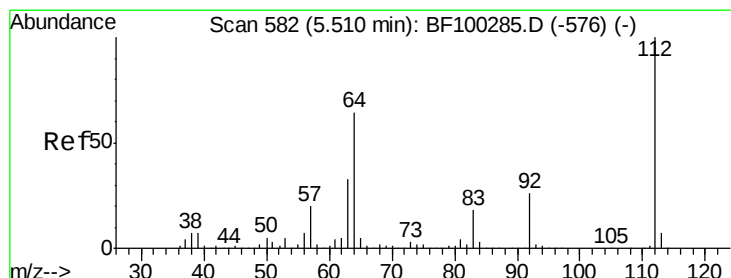
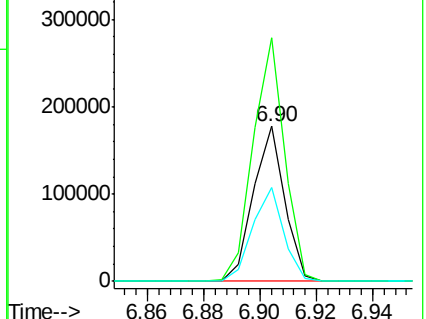
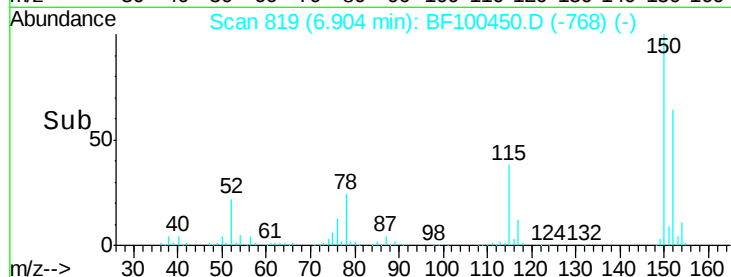
115 60.5 50.1 75.1



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: 75.42 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF100450.D

Acq: 11 Nov 2017 19:31

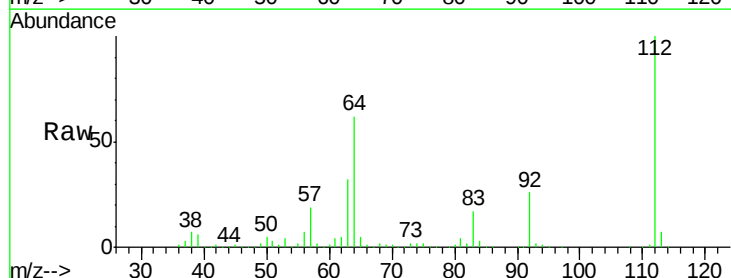
Tgt Ion:112 Resp: 642401

Ion Ratio Lower Upper

112 100

64 61.5 47.9 71.9

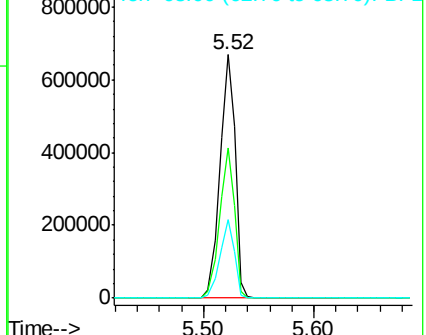
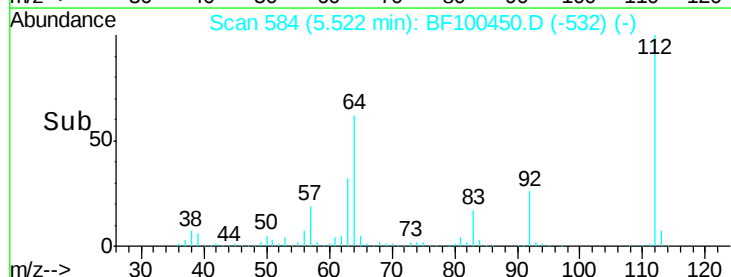
63 32.1 23.7 35.5

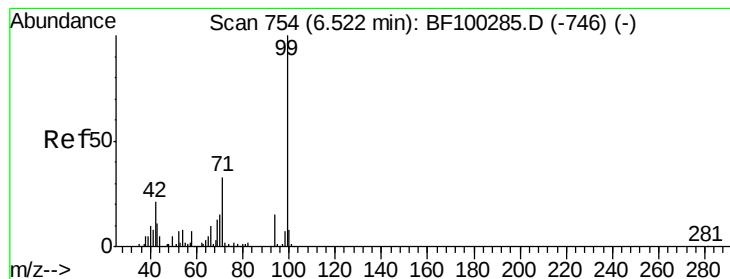


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 72.19 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF100450.D

Acq: 11 Nov 2017 19:31

Instrument :

BNA_F

ClientSampled :

3N-15

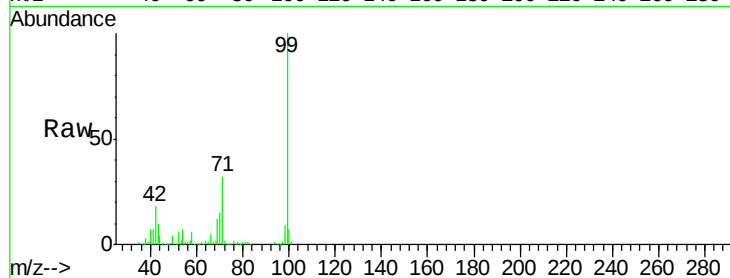
Tgt Ion: 99 Resp: 758219

Ion Ratio Lower Upper

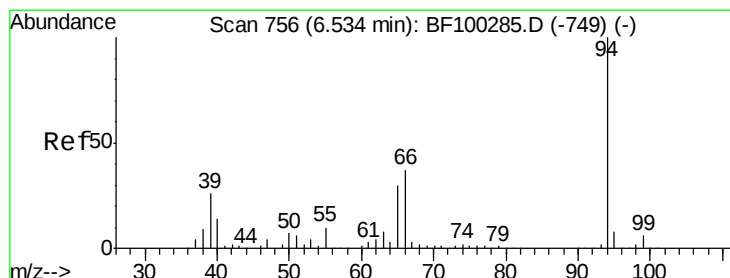
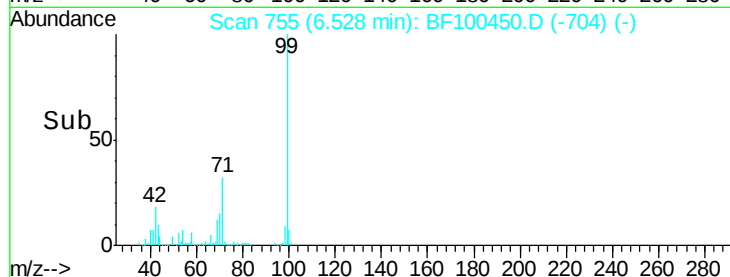
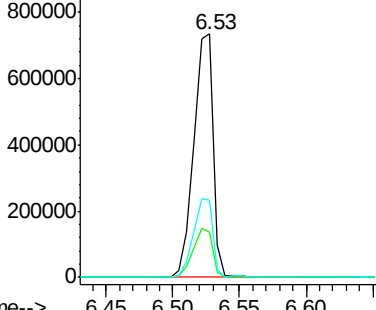
99 100

42 18.4 14.5 21.7

71 31.6 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: 3.15 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF100450.D

Acq: 11 Nov 2017 19:31

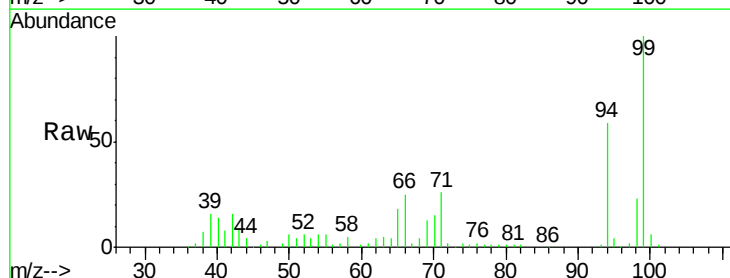
Tgt Ion: 94 Resp: 34715

Ion Ratio Lower Upper

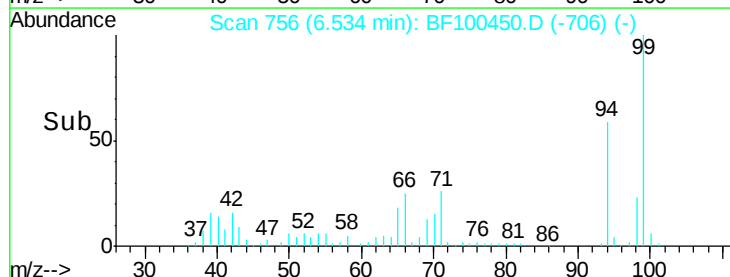
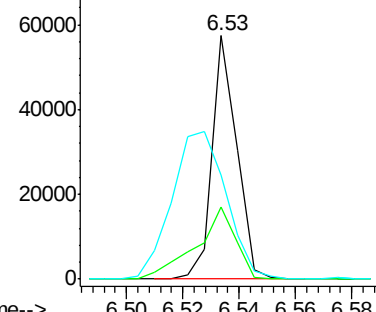
94 100

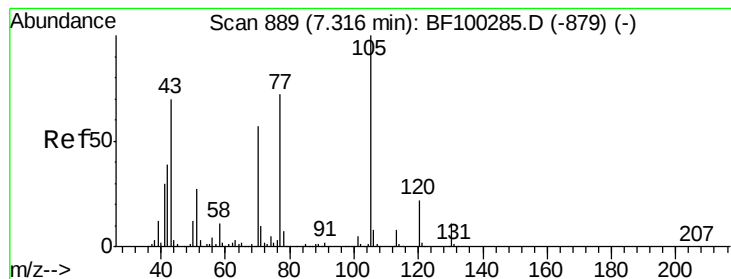
65 29.5 7.9 47.9

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: 7.91 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.15 min

Lab File: BF100450.D

Acq: 11 Nov 2017 19:31

Instrument :

BNA_F

ClientSampleId :

3N-15

Tgt Ion: 70 Resp: 57588

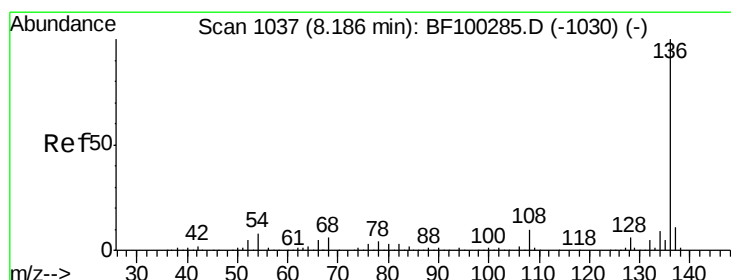
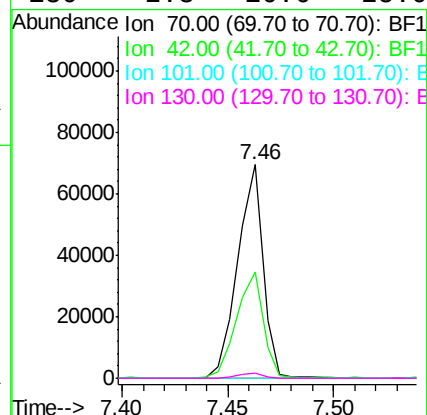
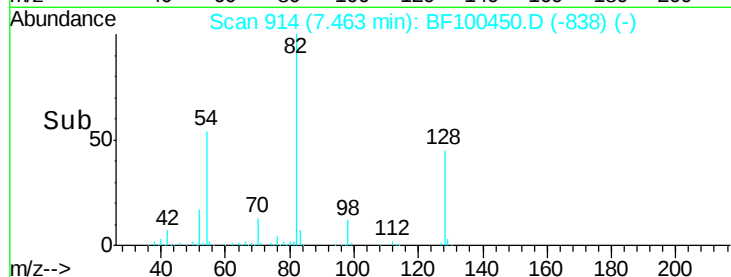
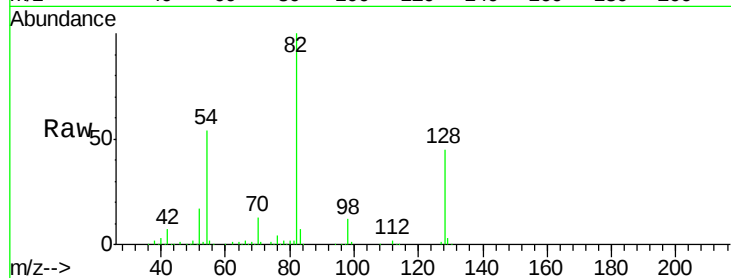
Ion Ratio Lower Upper

70 100

42 49.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF100450.D

Acq: 11 Nov 2017 19:31

Tgt Ion: 136 Resp: 480082

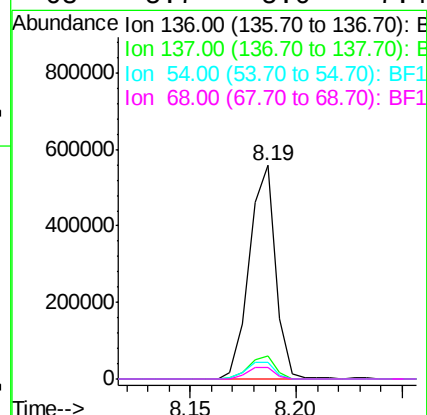
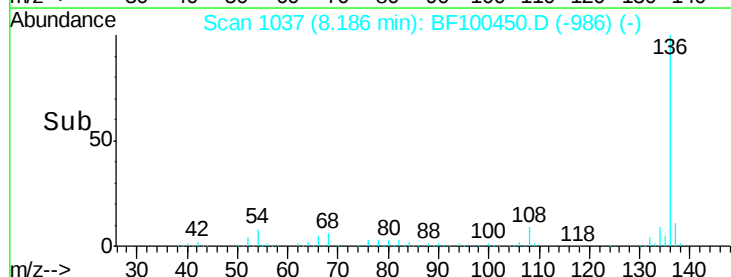
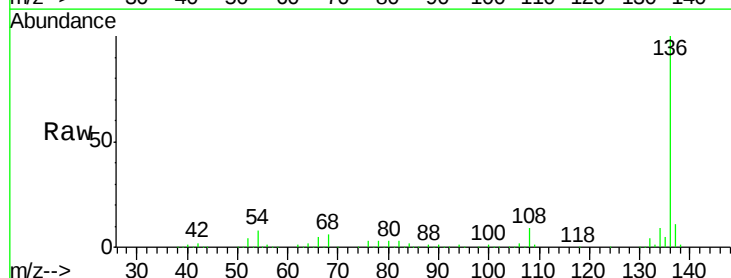
Ion Ratio Lower Upper

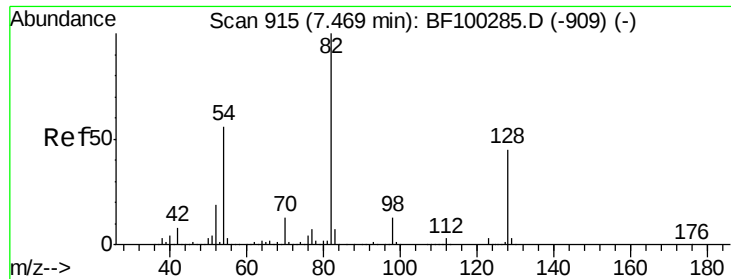
136 100

137 10.5 8.9 13.3

54 8.1 6.6 9.8

68 5.7 5.0 7.4

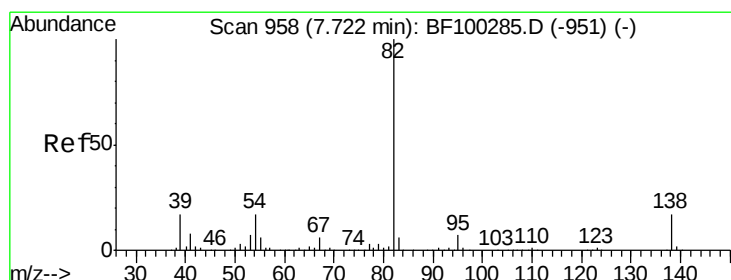
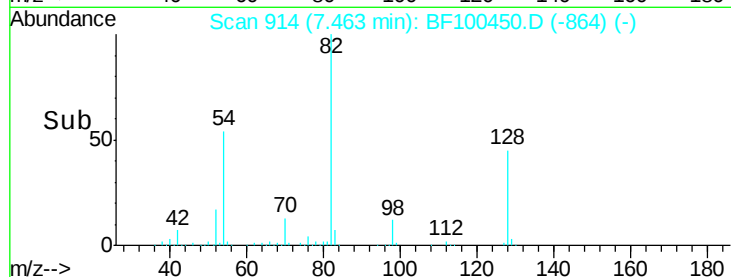
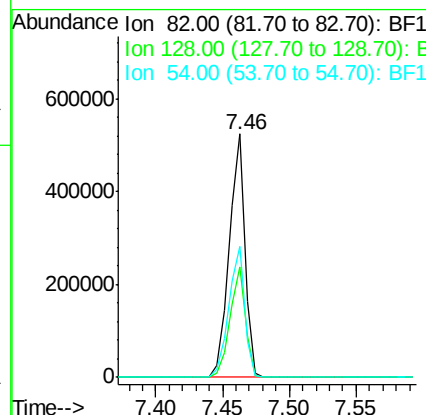
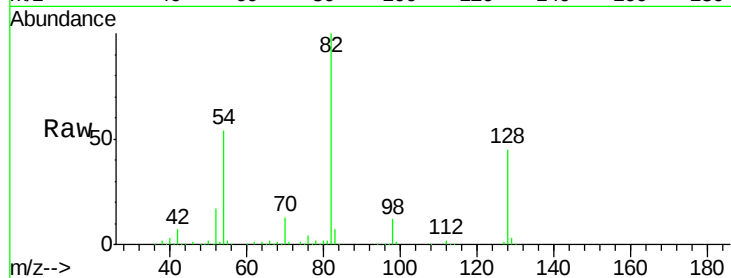




#23
Nitrobenzene-d5
Concen: 60.61 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100450.D
Acq: 11 Nov 2017 19:31

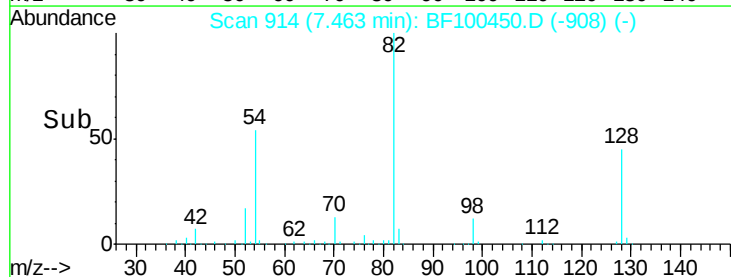
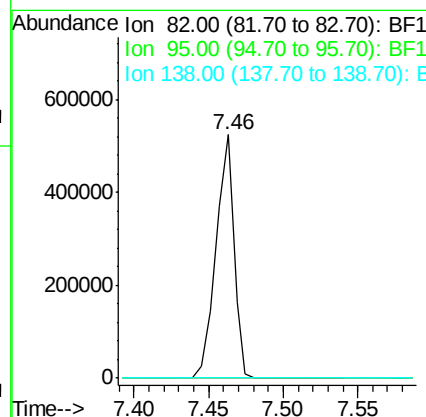
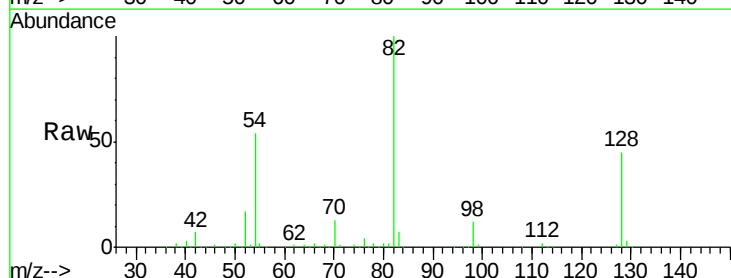
Instrument :
BNA_F
ClientSampleId :
3N-15

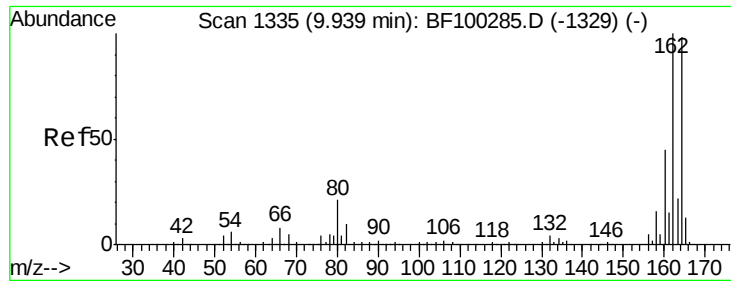
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	53.7	41.4	62.2



#25
Isophorone
Concen: 28.80 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.26 min
Lab File: BF100450.D
Acq: 11 Nov 2017 19:31

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

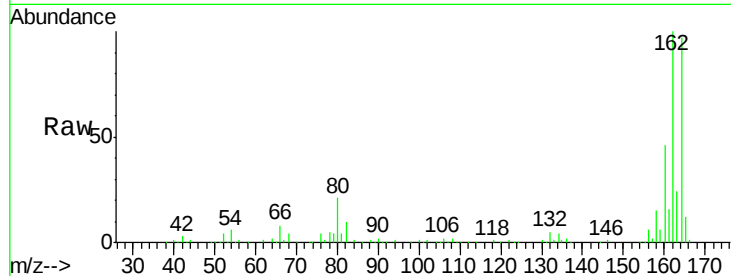




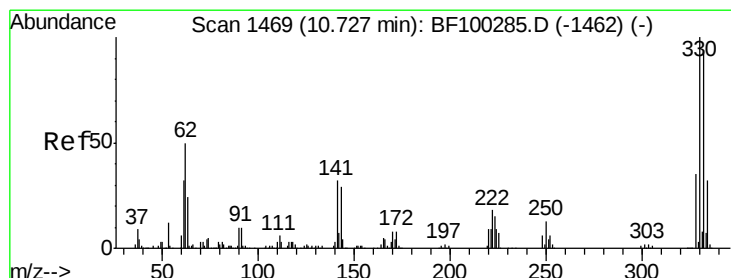
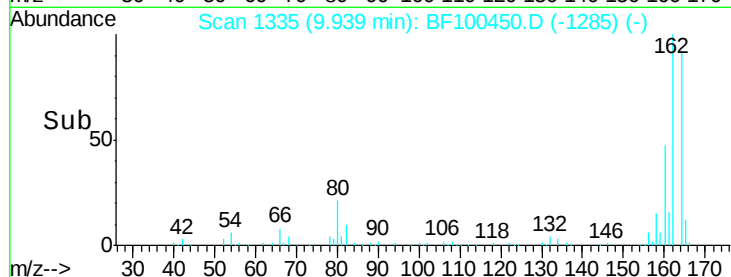
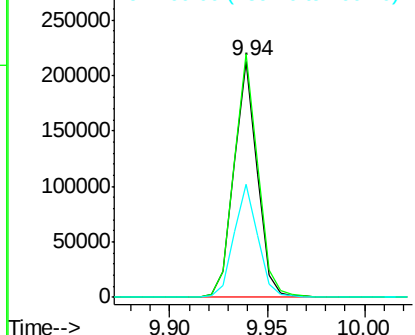
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100450.D
Acq: 11 Nov 2017 19:31

Instrument :
BNA_F
ClientSampled :
3N-15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	47.7	38.3	57.5

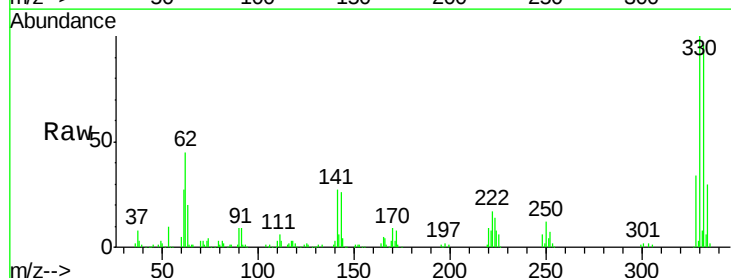


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

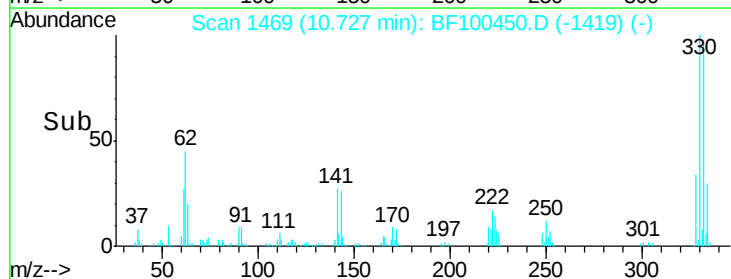
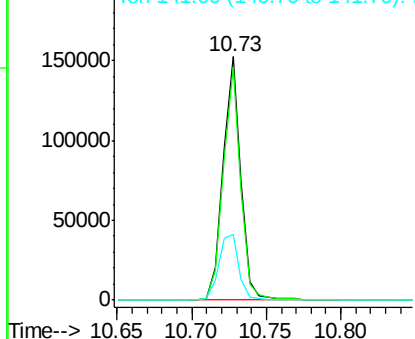


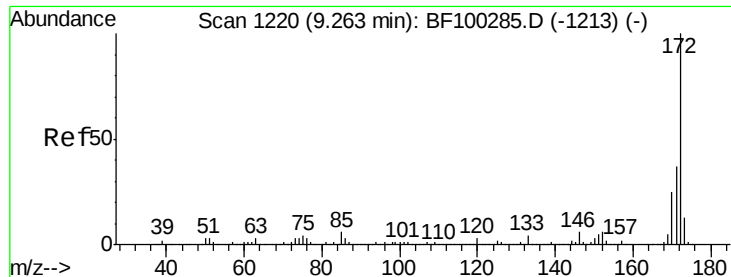
#41
2,4,6-Tribromophenol
Concen: 71.29 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100450.D
Acq: 11 Nov 2017 19:31

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.0	115.6
141	30.5	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

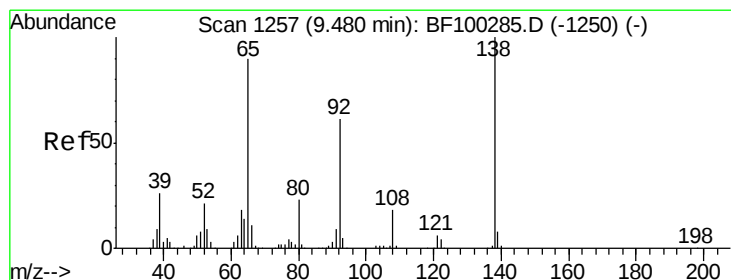
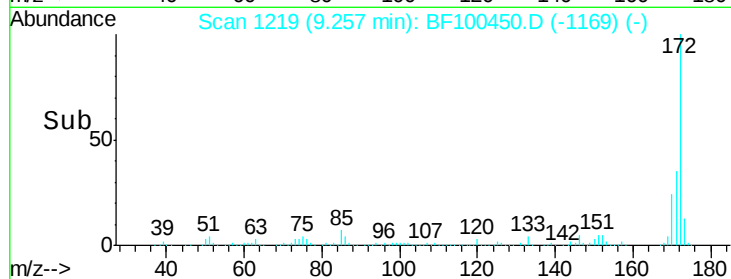
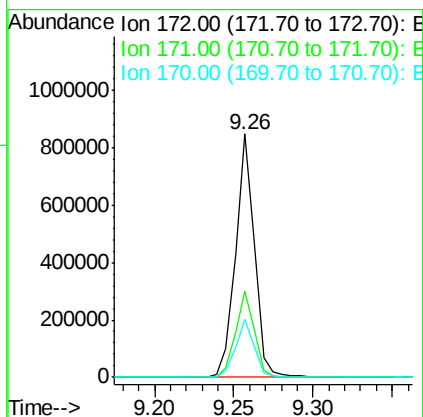
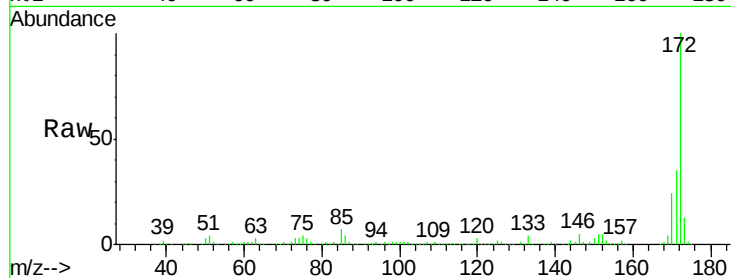




#44
2-Fluorobiphenyl
Concen: 60.80 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100450.D
Acq: 11 Nov 2017 19:31

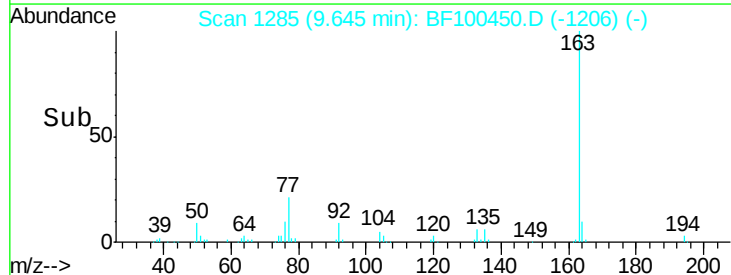
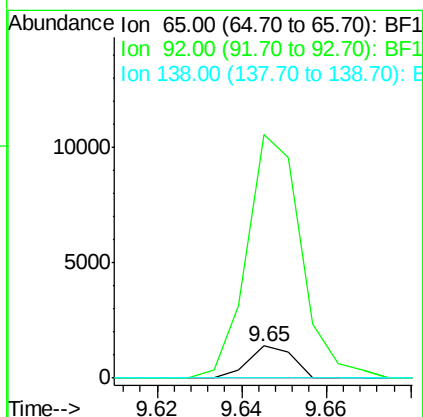
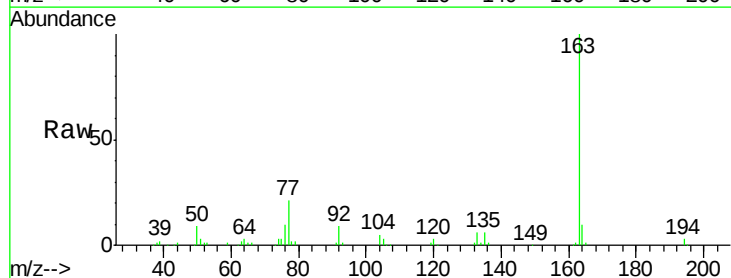
Instrument :
BNA_F
ClientSampled :
3N-15

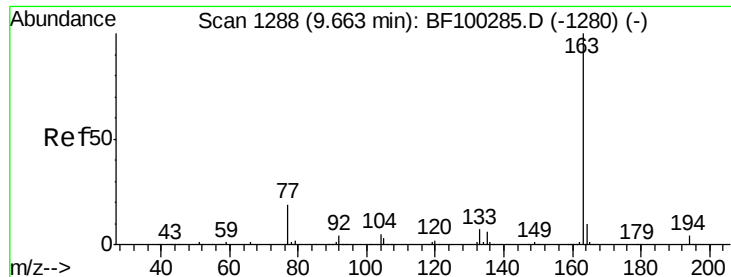
Tgt Ion: 172 Resp: 705805
Ion Ratio Lower Upper
172 100
171 35.4 29.7 44.5
170 23.6 19.6 29.4



#47
2-Nitroaniline
Concen: 3.07 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.16 min
Lab File: BF100450.D
Acq: 11 Nov 2017 19:31

Tgt Ion: 65 Resp: 1000
Ion Ratio Lower Upper
65 100
92 764.1 55.8 83.6#
138 0.0 91.2 136.8#

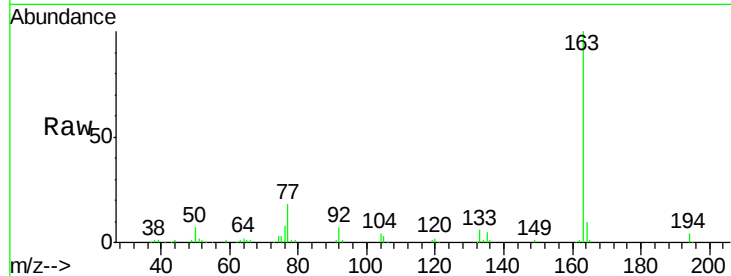




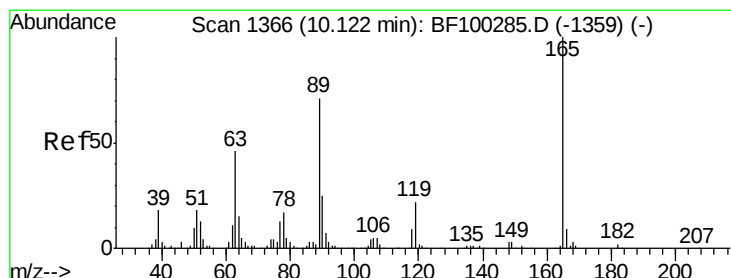
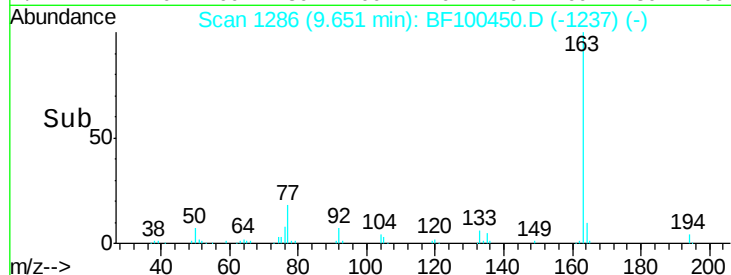
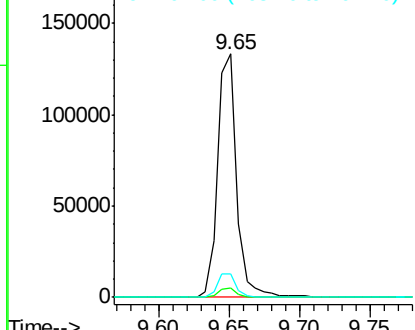
#49
Dimethylphthalate
Concen: 9.27 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF100450.D
Acq: 11 Nov 2017 19:31

Instrument :
BNA_F
ClientSampleId :
3N-15

Tgt Ion:163 Resp: 125162
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.7 8.2 12.2

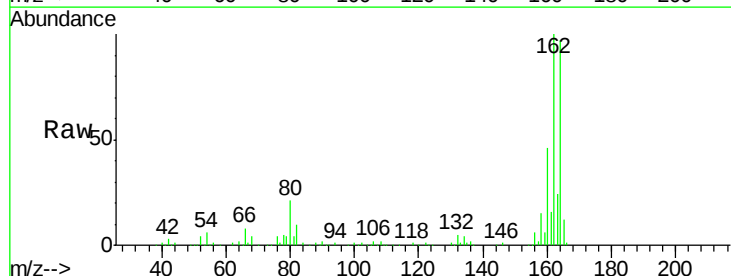


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

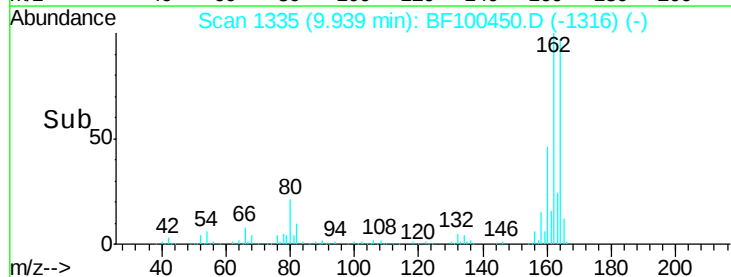
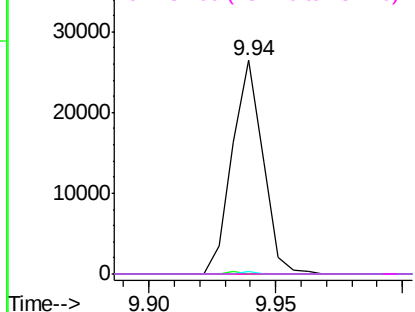


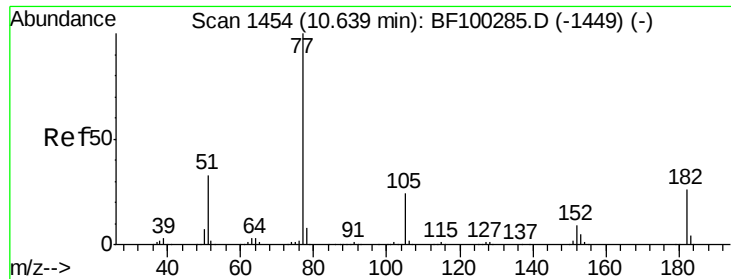
#56
2,4-Dinitrotoluene
Concen: 6.60 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.19 min
Lab File: BF100450.D
Acq: 11 Nov 2017 19:31

Tgt Ion:165 Resp: 22230
Ion Ratio Lower Upper
165 100
63 0.0 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: 6.49 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.01 min

Lab File: BF100450.D

Acq: 11 Nov 2017 19:31

Instrument :

BNA_F

ClientSampleId :

3N-15

Tgt Ion: 77 Resp: 82515

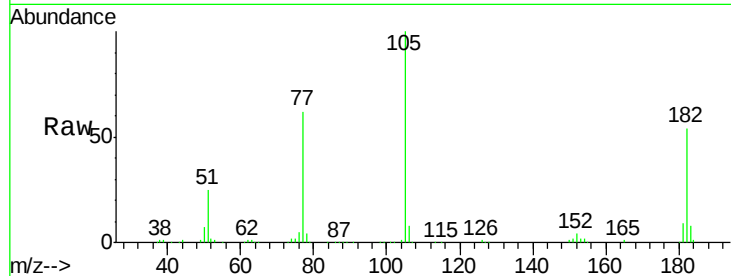
Ion Ratio Lower Upper

77 100

182 87.2 1.7 41.7#

105 162.3 3.0 43.0#

51 41.1 9.9 49.9

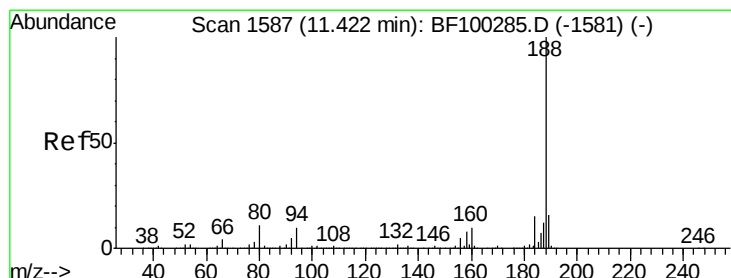
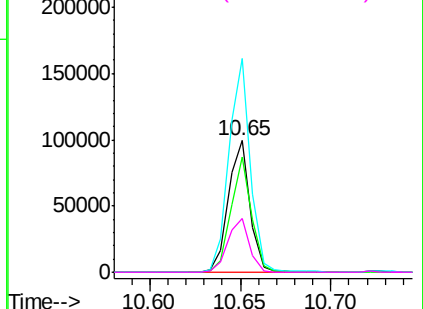
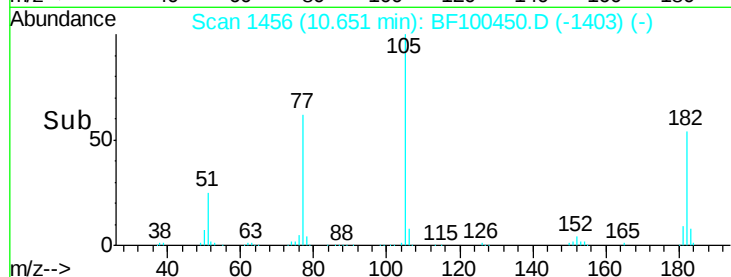


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.43 min Scan# 1588

Delta R.T. -0.00 min

Lab File: BF100450.D

Acq: 11 Nov 2017 19:31

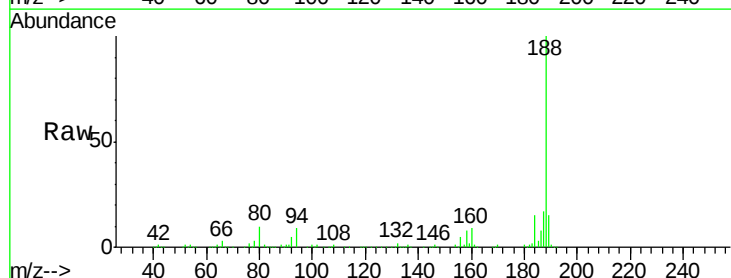
Tgt Ion: 188 Resp: 294380

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

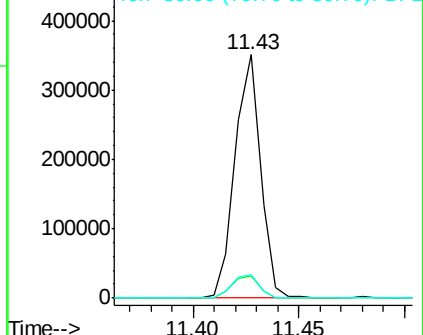
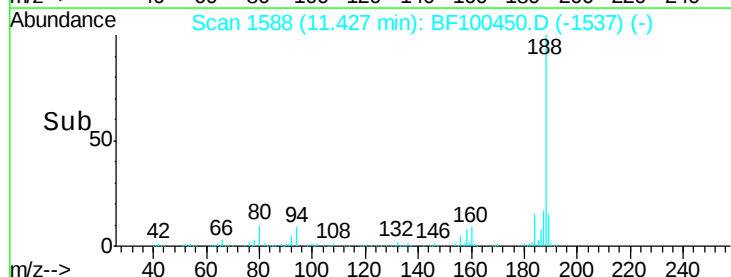
80 9.9 9.2 13.8

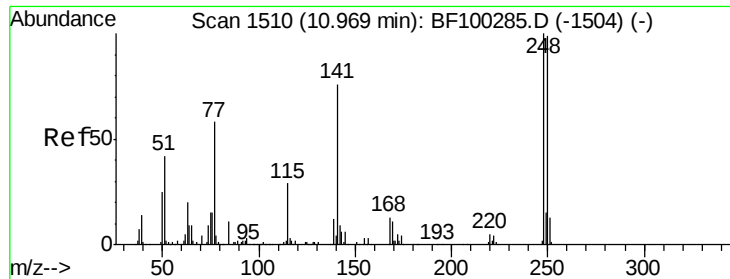


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

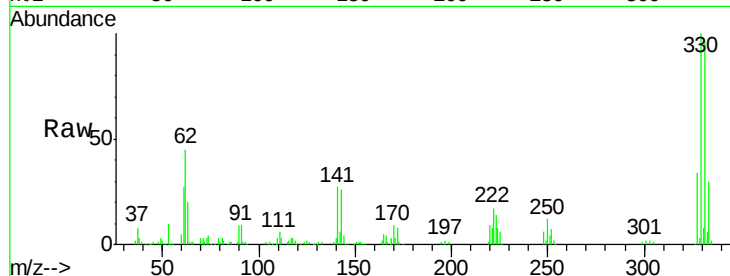




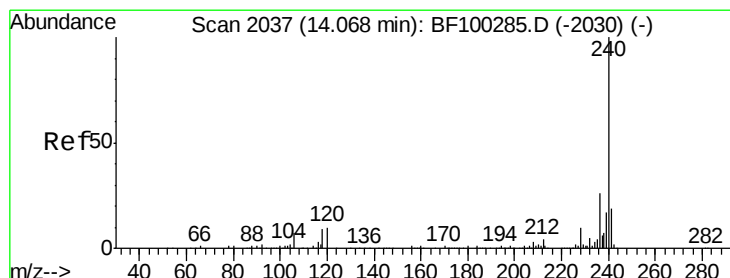
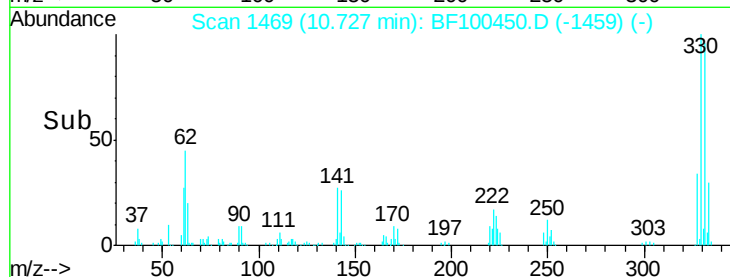
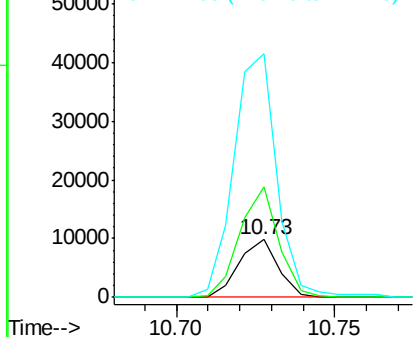
#66
4-Bromophenyl-phenylether
Concen: 2.67 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF100450.D
Acq: 11 Nov 2017 19:31

Instrument :
BNA_F
ClientSampleId :
3N-15

Tgt Ion: 248 Resp: 8439
Ion Ratio Lower Upper
248 100
250 190.1 76.9 115.3#
141 420.4 74.4 111.6#

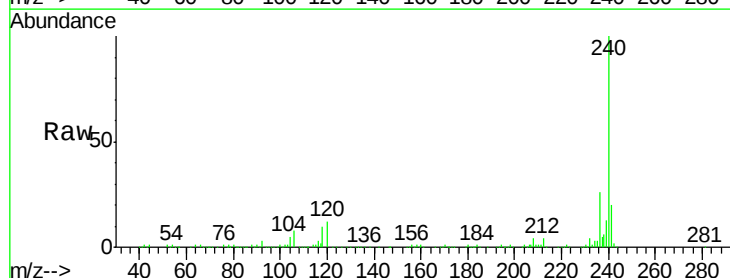


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

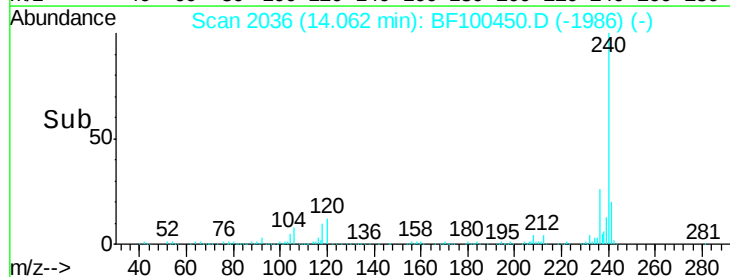
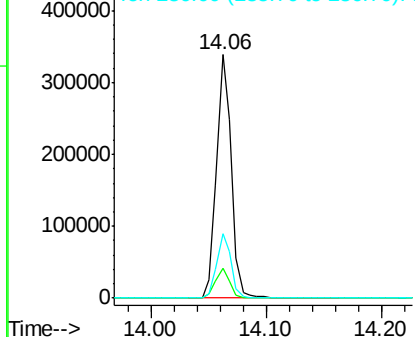


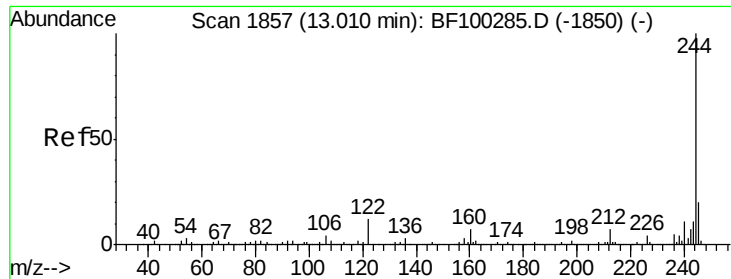
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100450.D
Acq: 11 Nov 2017 19:31

Tgt Ion: 240 Resp: 298477
Ion Ratio Lower Upper
240 100
120 12.4 9.5 14.3
236 26.4 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: 41.41 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100450.D

Acq: 11 Nov 2017 19:31

Instrument :

BNA_F

ClientSampleId :

3N-15

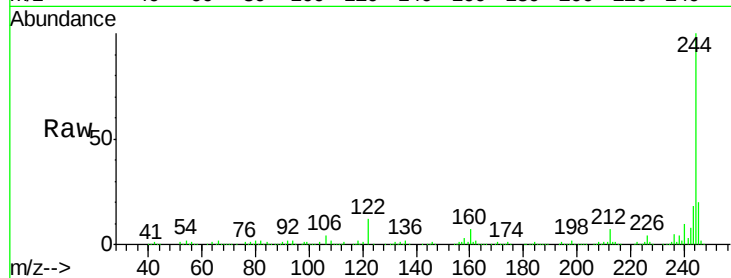
Tgt Ion:244 Resp: 537930

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

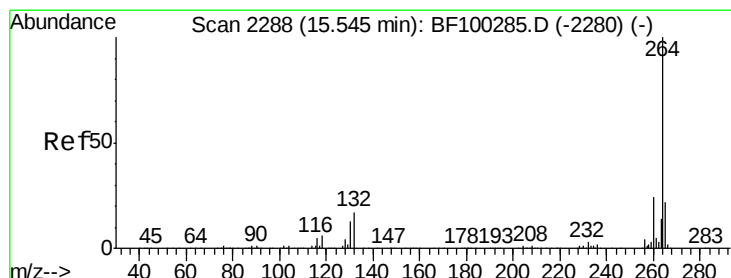
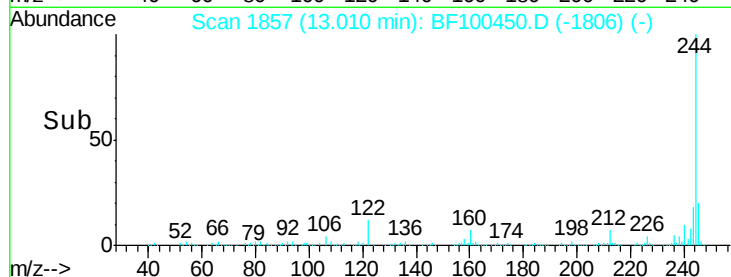
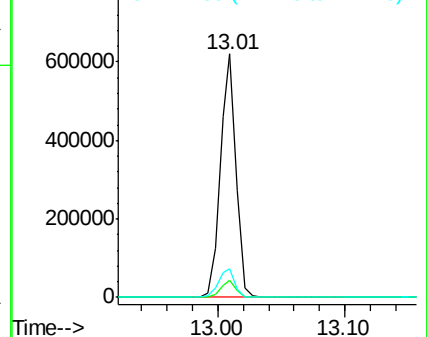
122 11.6 11.0 16.4



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: 15.55 min Scan# 2289

Delta R.T. 0.01 min

Lab File: BF100450.D

Acq: 11 Nov 2017 19:31

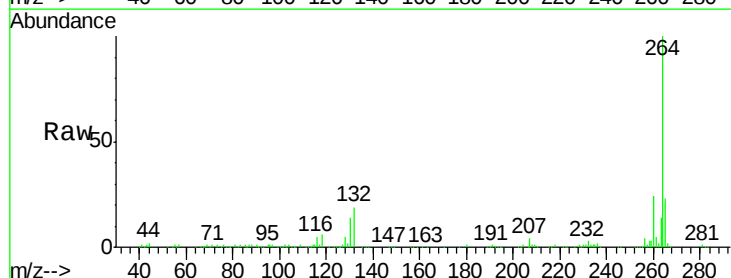
Tgt Ion:264 Resp: 205236

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 22.8 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

