

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100088.D
 Acq On : 2 Nov 2017 16:46
 Operator : SJ/JU
 Sample : I6236-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 17:19:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

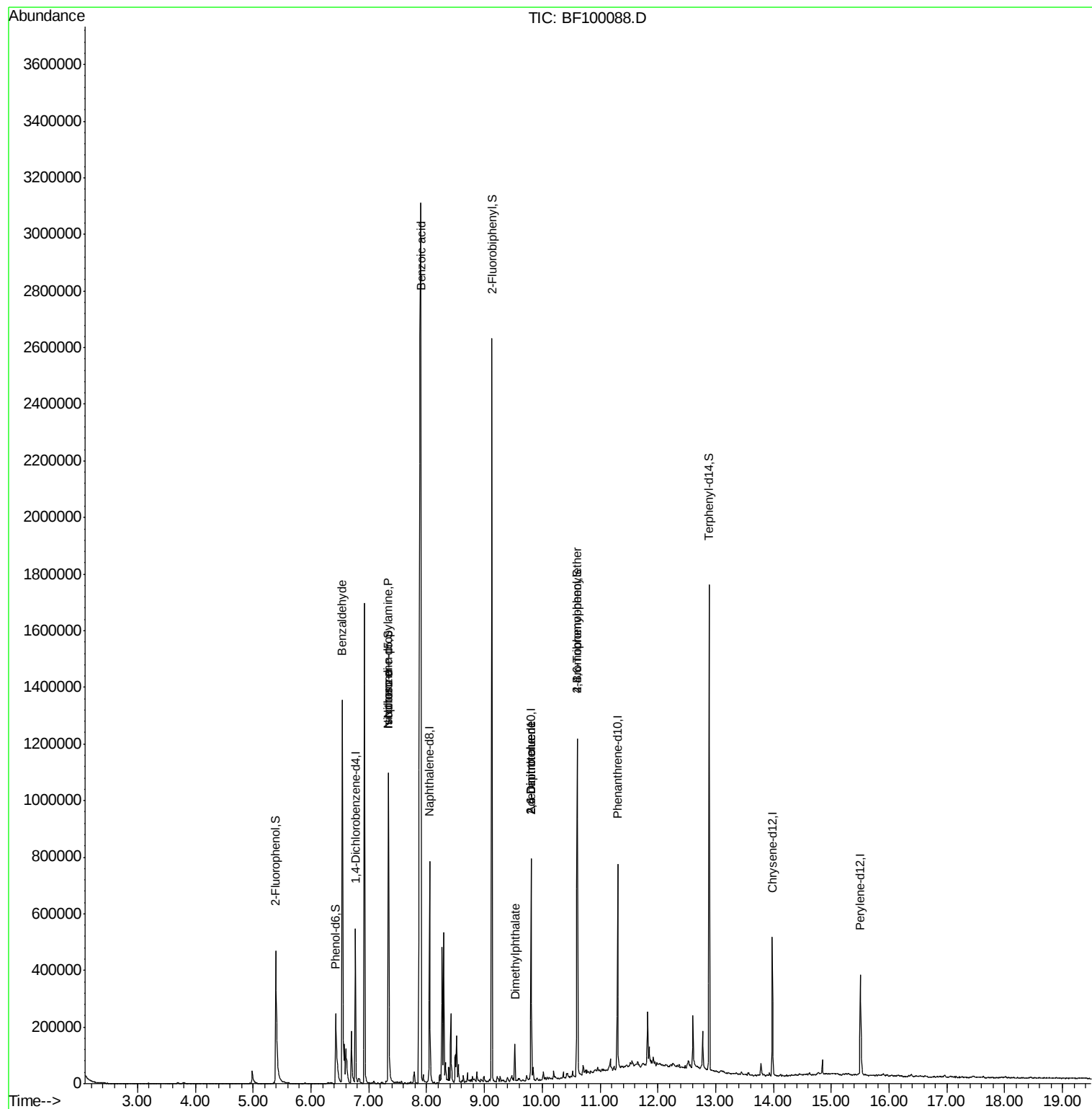
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	89221	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	358520	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	159202	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	271280	20.00	ng	0.00
75) Chrysene-d12	13.98	240	162018	20.00	ng	0.00
86) Perylene-d12	15.50	264	159500	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	245891	43.27	ng	0.00
7) Phenol-d6	6.43	99	178539	26.50	ng	0.00
23) Nitrobenzene-d5	7.34	82	427675	76.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	152512	105.12	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	869224	84.24	ng	0.00
78) Terphenyl-d14	12.89	244	550595	74.27	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.54	77	8257	2.051	ng	92
19) n-Nitroso-di-n-propylamine	7.34	70	52842	13.382	ng	# 70
25) Isophorone	7.34	82	427675	42.323	ng	# 64
32) Benzoic acid	7.90	122	35989	8.635	ng	# 16
49) Dimethylphthalate	9.53	163	60672	4.812	ng	98
50) 2,6-Dinitrotoluene	9.80	165	21070	7.950	ng	# 25
56) 2,4-Dinitrotoluene	9.80	165	21070	6.601	ng	# 23
66) 4-Bromophenyl-phenylether	10.60	248	9752	3.415	ng	# 1

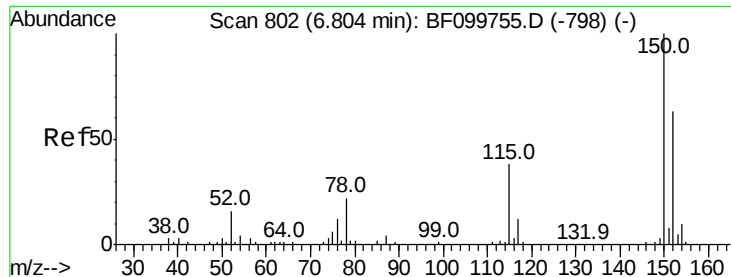
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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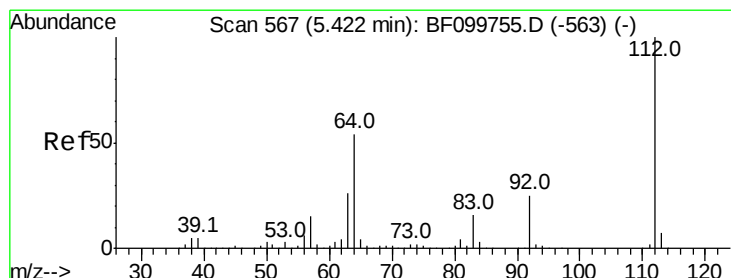
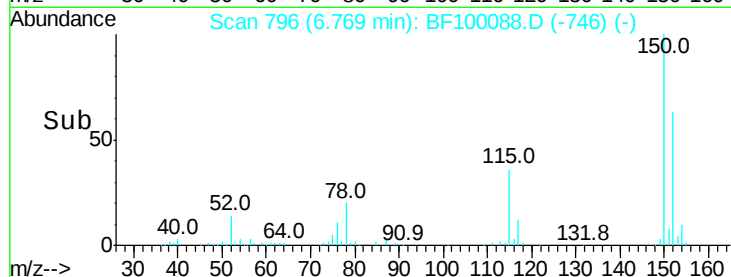
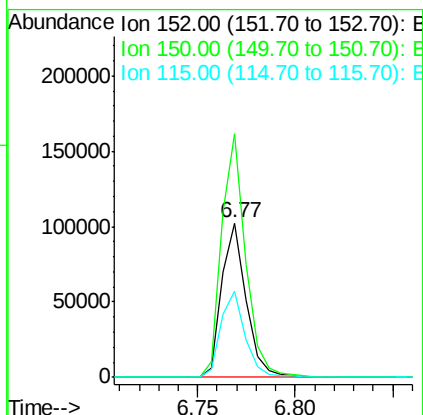
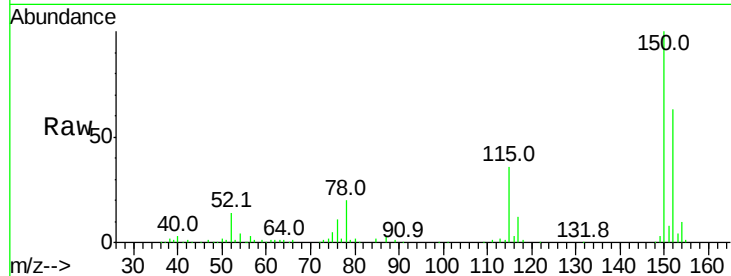


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF100088.D
 Acq: 2 Nov 2017 16:46

Instrument :
 BNA_F
 ClientSampleId :

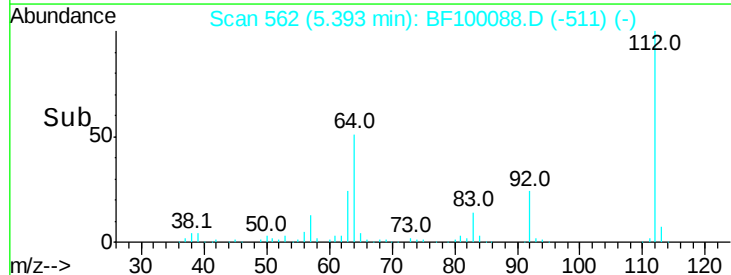
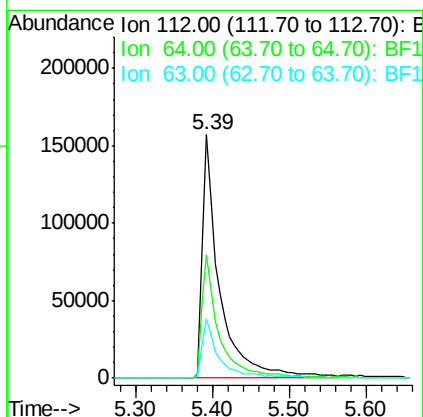
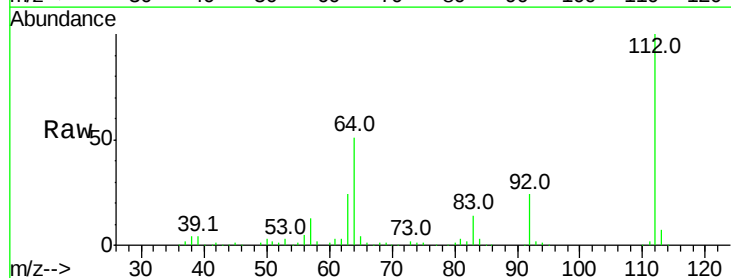
Tot Ion:152 Resp: 89221
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.6 186.8
 115 56.0 50.1 75.1

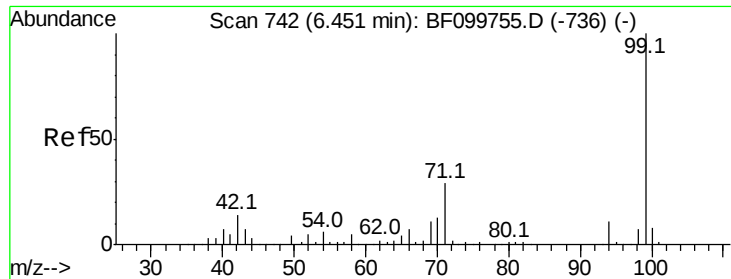


#5

2-Fluorophenol
 Concen: 43.268 ng
 RT: 5.39 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BF100088.D
 Acq: 2 Nov 2017 16:46

Tgt Ion:112 Resp: 245891
 Ion Ratio Lower Upper
 112 100
 64 50.7 47.9 71.9
 63 24.3 23.7 35.5





#7

Phenol-d6

Concen: 26.496 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF100088.D

Acq: 2 Nov 2017 16:46

Instrument :

BNA_F

ClientSampleId :

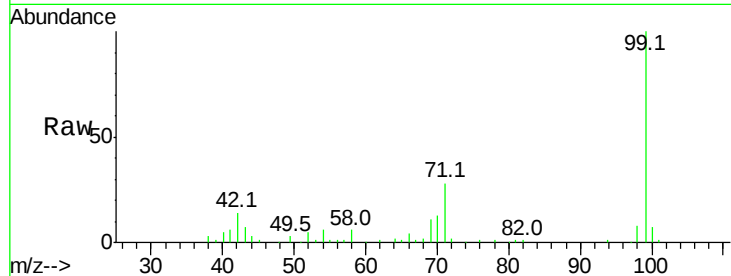
Tot Ion: 99 Resp: 178539

Ion Ratio Lower Upper

99 100

42 14.1 14.5 21.7#

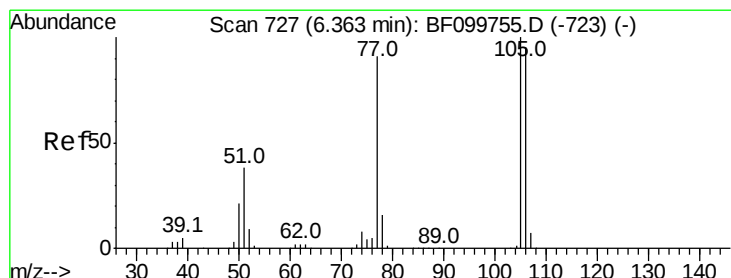
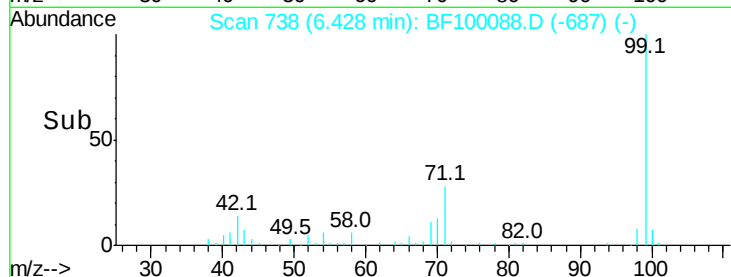
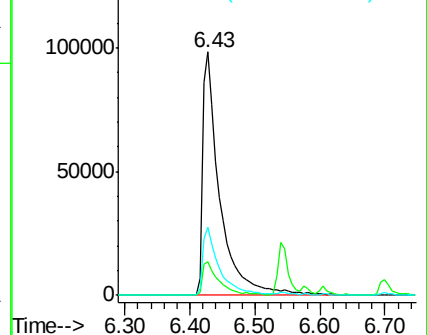
71 28.2 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.051 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.20 min

Lab File: BF100088.D

Acq: 2 Nov 2017 16:46

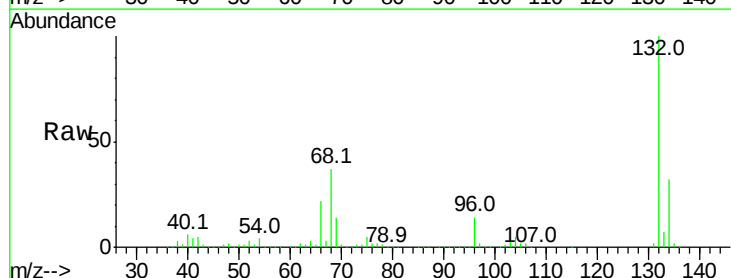
Tgt Ion: 77 Resp: 8257

Ion Ratio Lower Upper

77 100

105 86.2 81.1 121.1

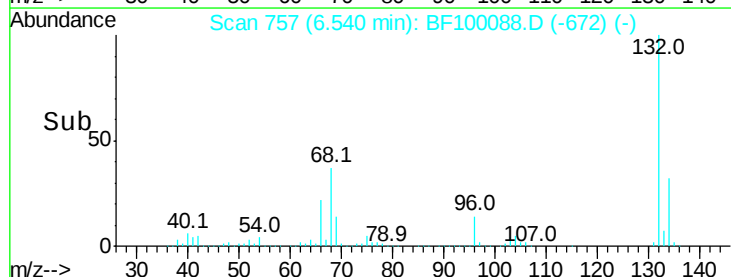
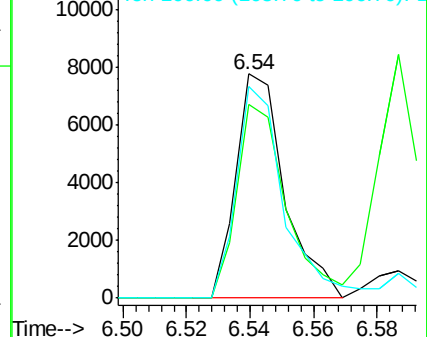
106 94.3 74.5 114.5

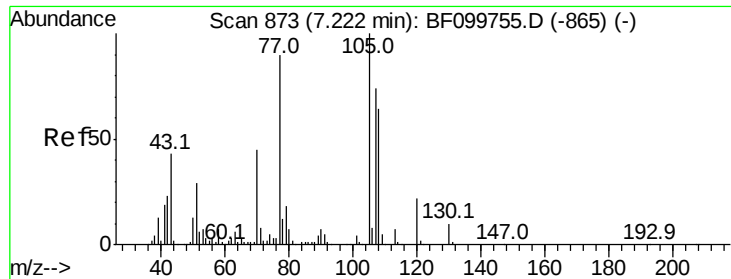


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

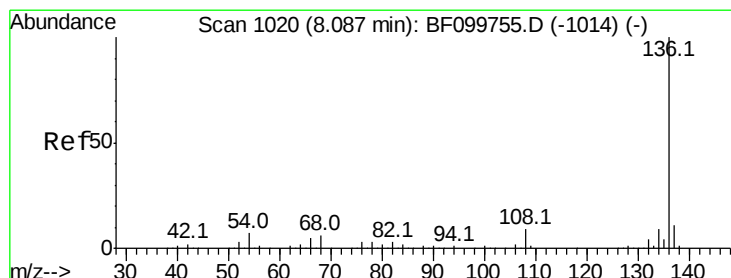
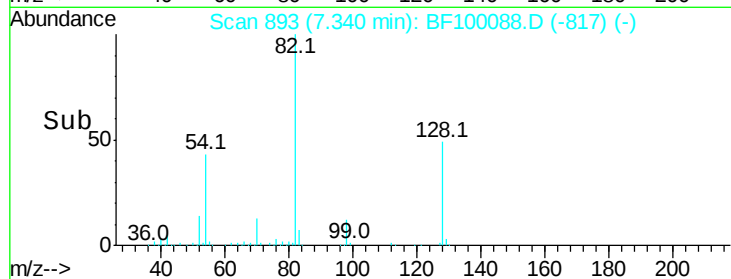
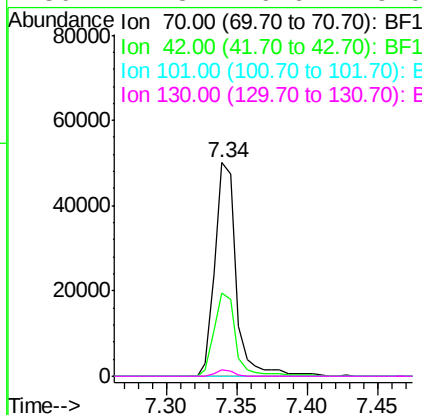
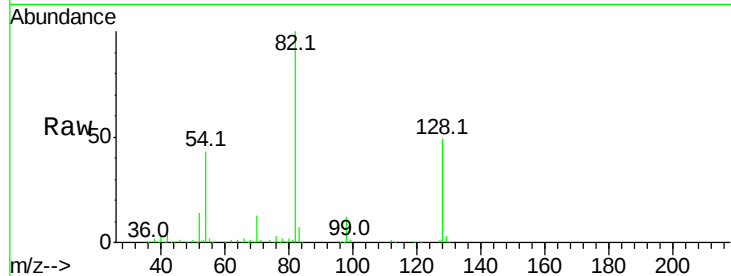




#19
n-Nitroso-di-n-propylamine
Concen: 13.382 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.15 min
Lab File: BF100088.D
Acq: 2 Nov 2017 16:46

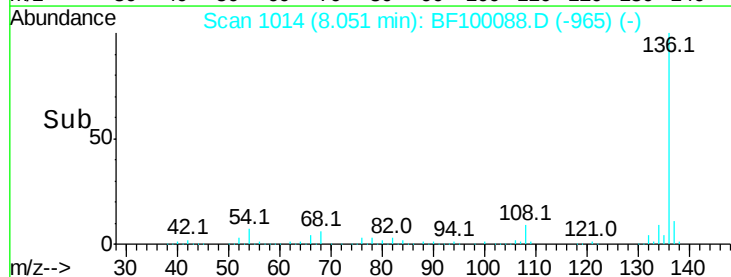
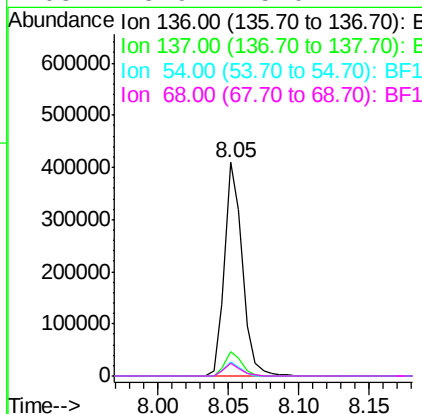
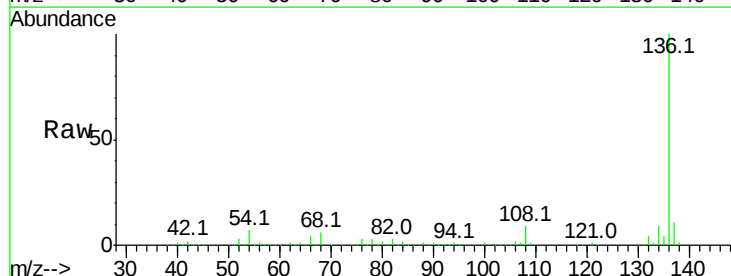
Instrument :
BNA_F
ClientSampleId :

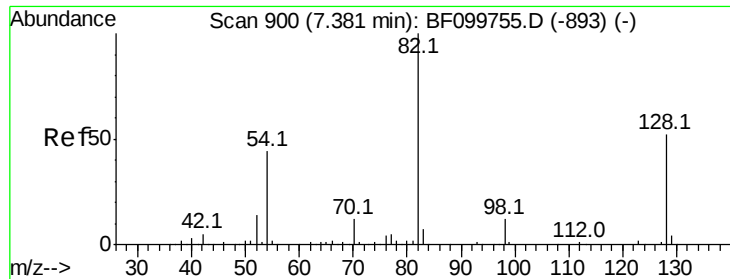
Tot Ion: 70 Resp: 52842
Ion Ratio Lower Upper
70 100
42 39.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF100088.D
Acq: 2 Nov 2017 16:46

Tgt Ion:136 Resp: 358520
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 6.9 6.6 9.8
68 5.9 5.0 7.4

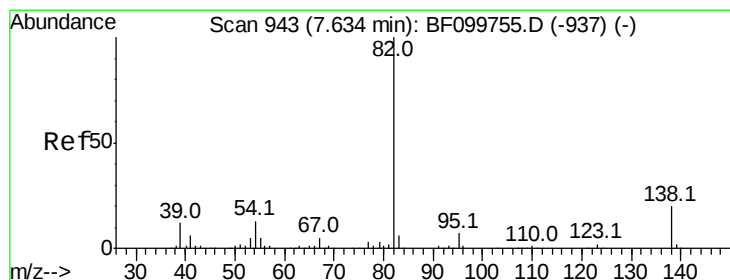
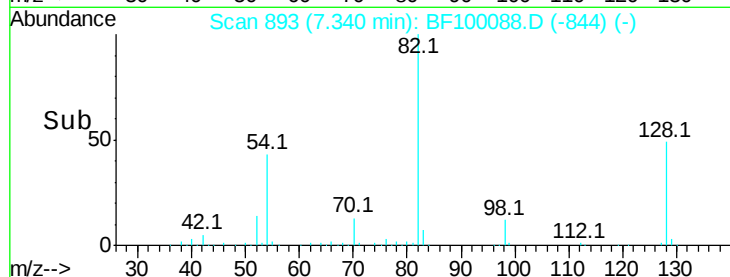
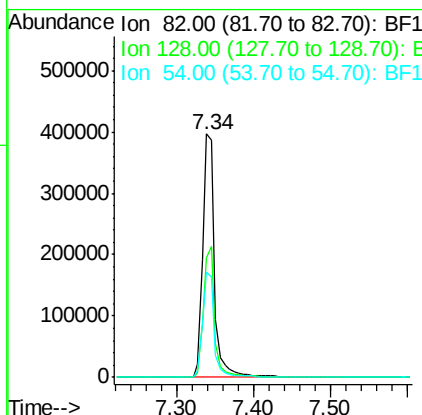
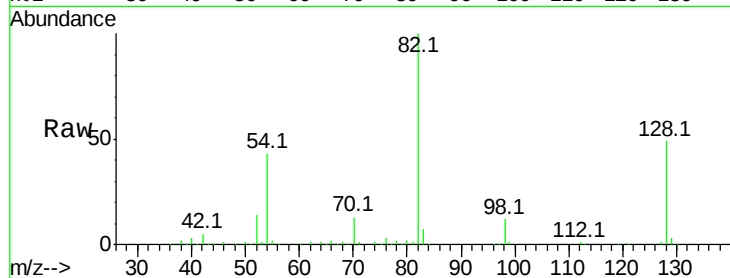




#23
Nitrobenzene-d5
Concen: 76.799 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100088.D
Acq: 2 Nov 2017 16:46

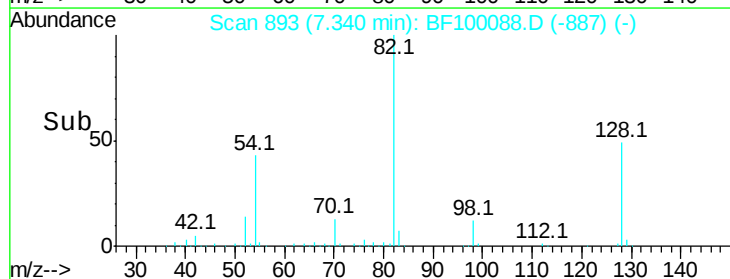
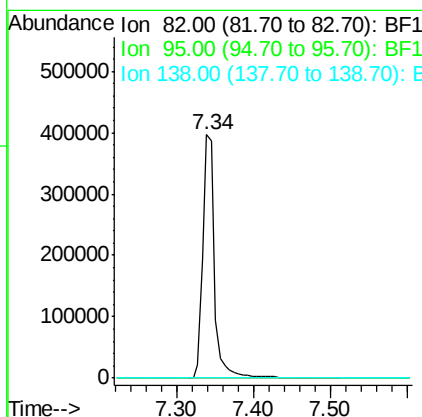
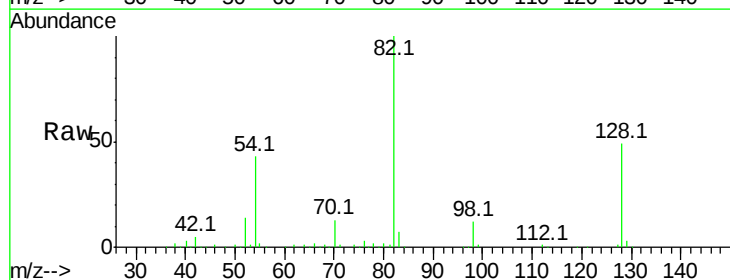
Instrument :
BNA_F
ClientSampled :

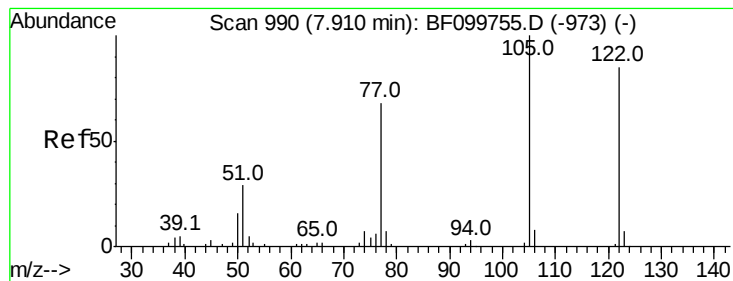
Tot Ion	82	Resp	427675
Ion Ratio	100	Lower	Upper
128	49.2	36.1	54.1
54	43.4	41.4	62.2



#25
Isophorone
Concen: 42.323 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.26 min
Lab File: BF100088.D
Acq: 2 Nov 2017 16:46

Tgt Ion	82	Resp	427675
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#





#32

Benzoic acid

Concen: 8.635 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.02 min

Lab File: BF100088.D

Acq: 2 Nov 2017 16:46

Instrument :

BNA_F

ClientSampled :

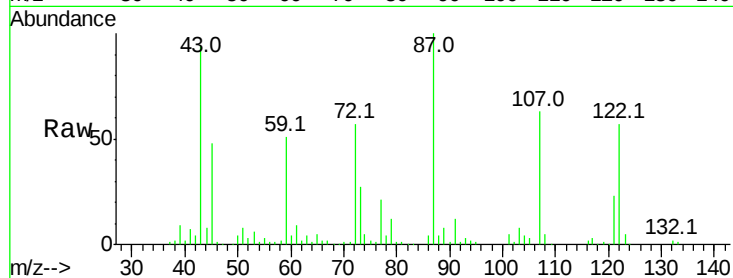
Tot Ion:122 Resp: 35989

Ion Ratio Lower Upper

122 100

105 5.7 101.1 141.1#

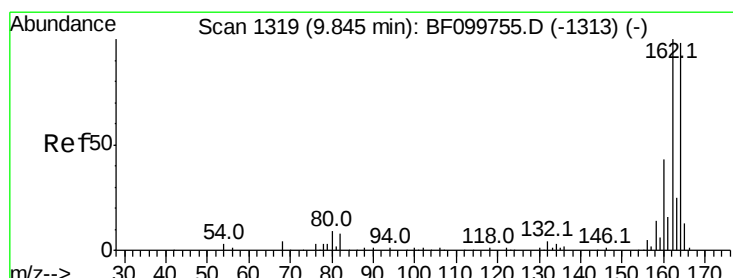
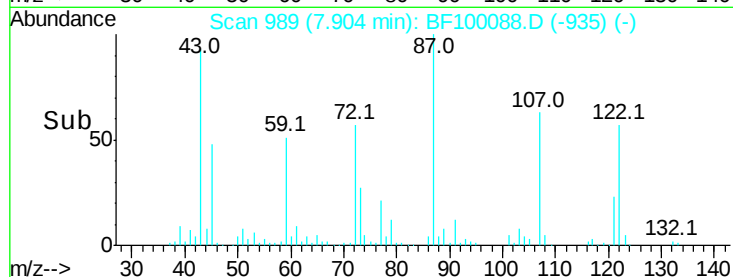
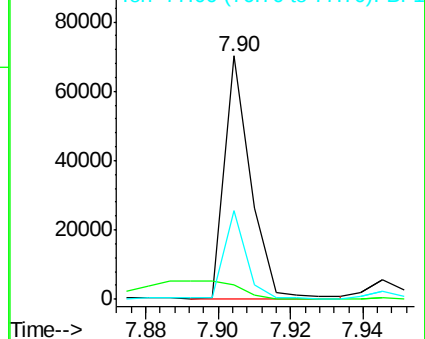
77 36.4 70.7 110.7#



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: 20.000 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF100088.D

Acq: 2 Nov 2017 16:46

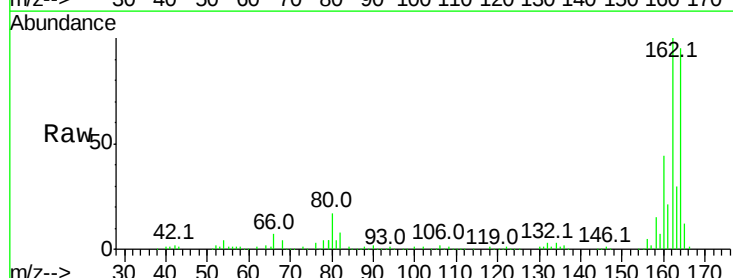
Tgt Ion:164 Resp: 159202

Ion Ratio Lower Upper

164 100

162 105.3 86.1 129.1

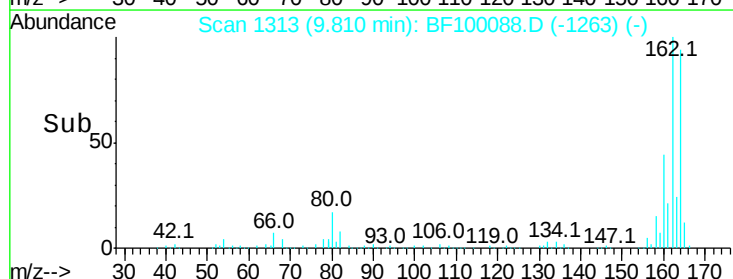
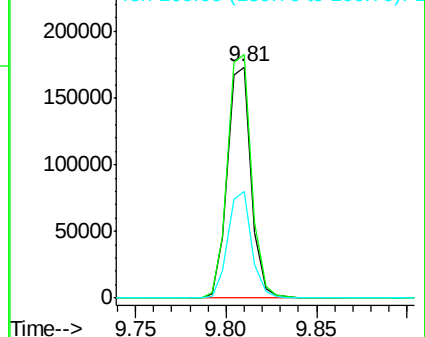
160 45.9 38.3 57.5

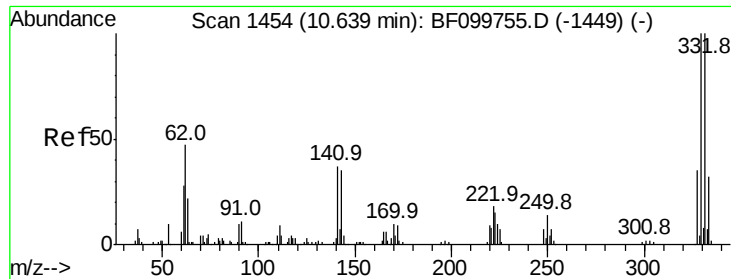


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

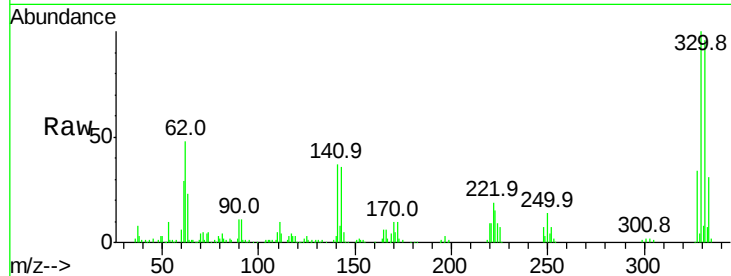




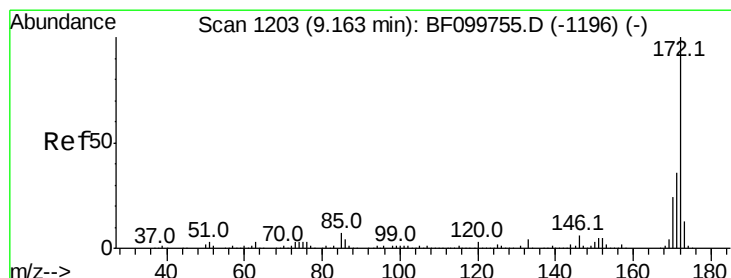
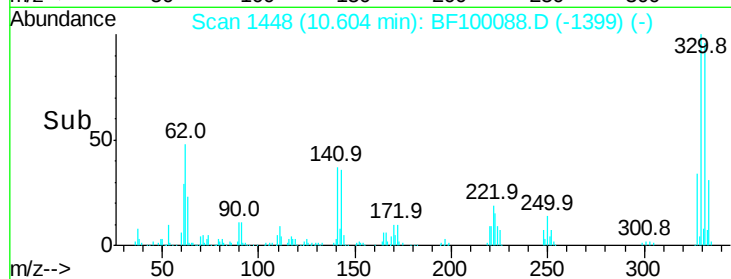
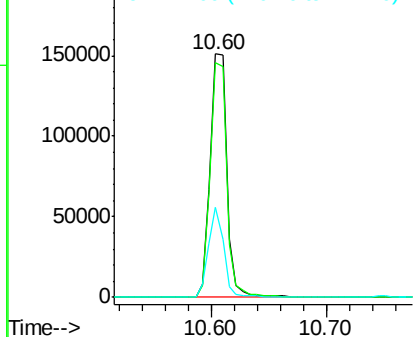
#41
 2,4,6-Tribromophenol
 Concen: 105.120 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100088.D
 Acq: 2 Nov 2017 16:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 152512
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 34.1 29.9 44.9

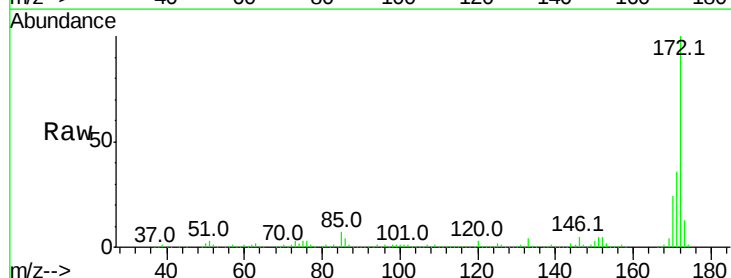


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

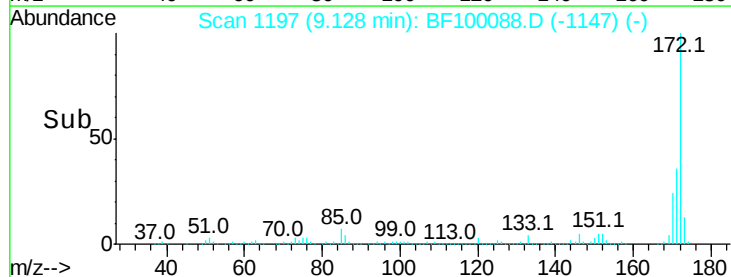
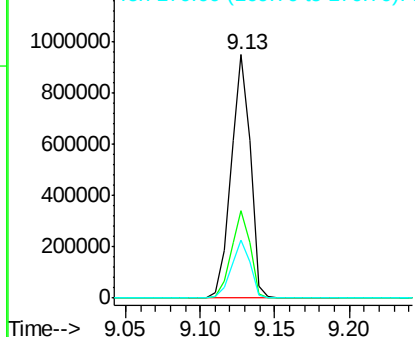


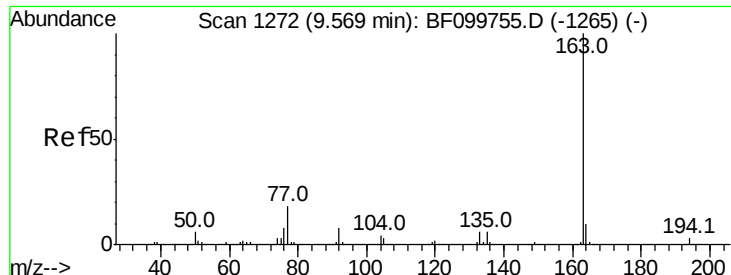
#44
 2-Fluorobiphenyl
 Concen: 84.237 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF100088.D
 Acq: 2 Nov 2017 16:46

Tgt Ion:172 Resp: 869224
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.6 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

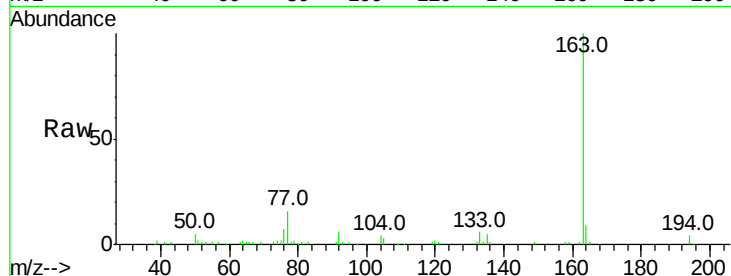




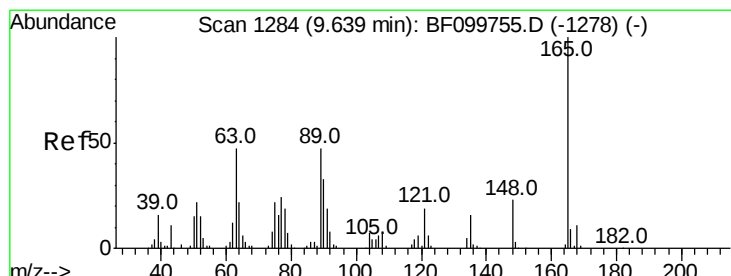
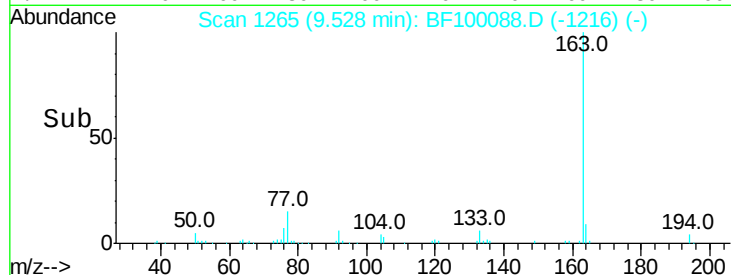
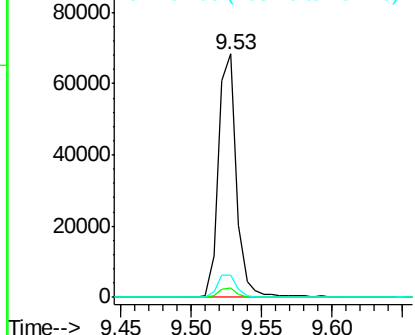
#49
Dimethylphthalate
Concen: 4.812 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF100088.D
Acq: 2 Nov 2017 16:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 60672
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.1 8.2 12.2

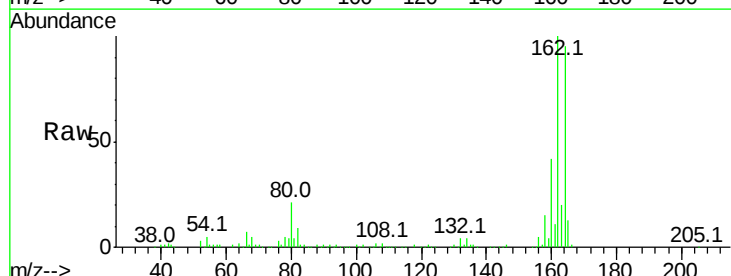


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

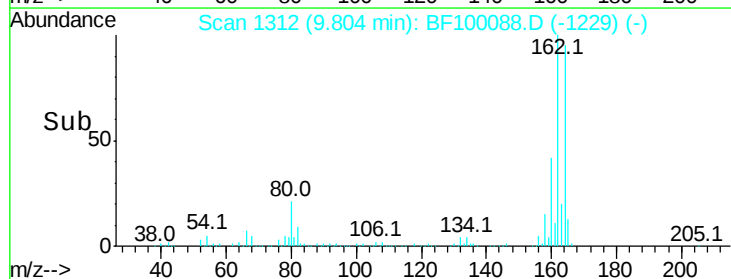
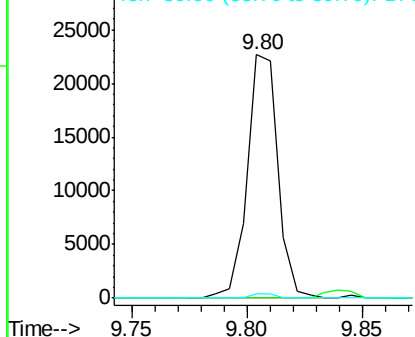


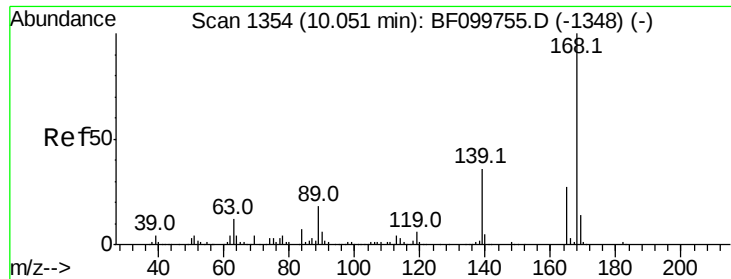
#50
2,6-Dinitrotoluene
Concen: 7.950 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.19 min
Lab File: BF100088.D
Acq: 2 Nov 2017 16:46

Tgt Ion:165 Resp: 21070
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 1.6 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

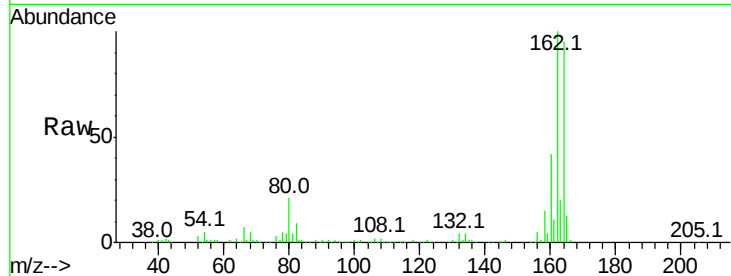




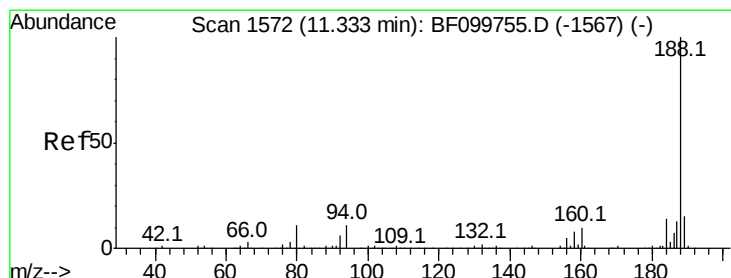
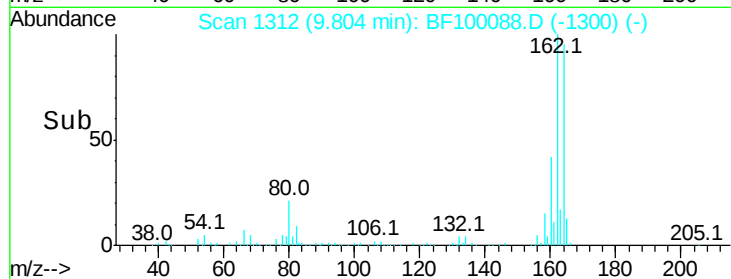
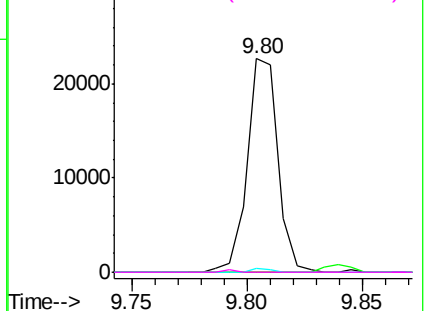
#56
 2,4-Dinitrotoluene
 Concen: 6.601 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.23 min
 Lab File: BF100088.D
 Acq: 2 Nov 2017 16:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 21070
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 1.6 57.8 86.6#
 182 0.0 1.6 2.4#

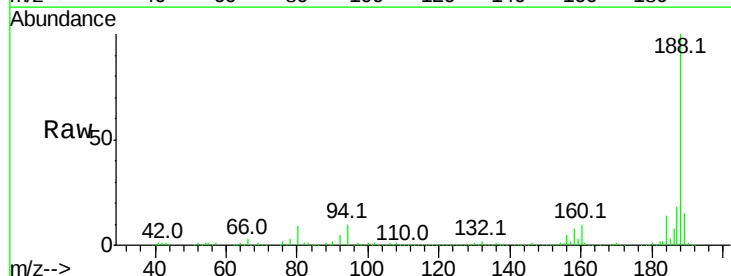


Abundance Ion 165.00 (164.70 to 165.70): E

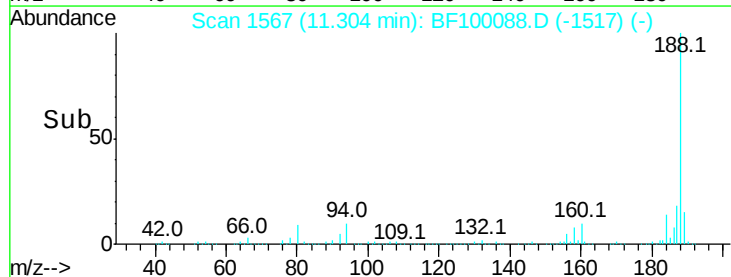
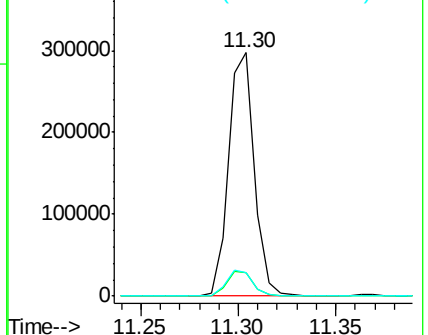


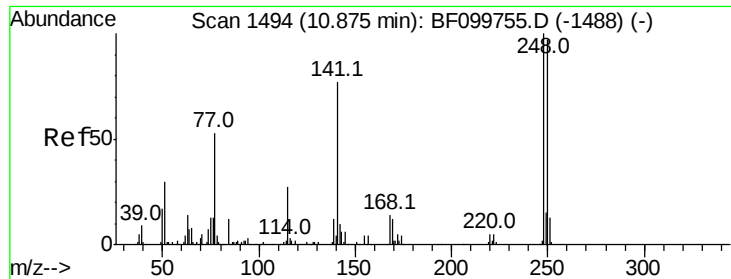
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF100088.D
 Acq: 2 Nov 2017 16:46

Tgt Ion:188 Resp: 271280
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.5 12.7
 80 9.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

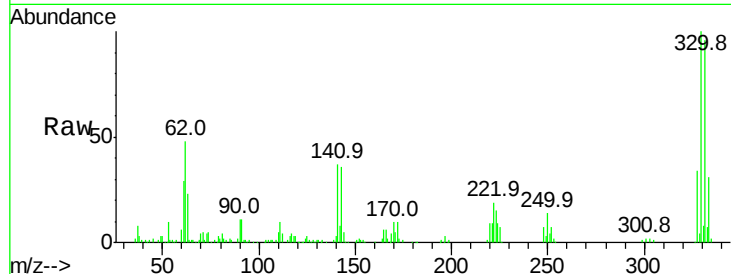




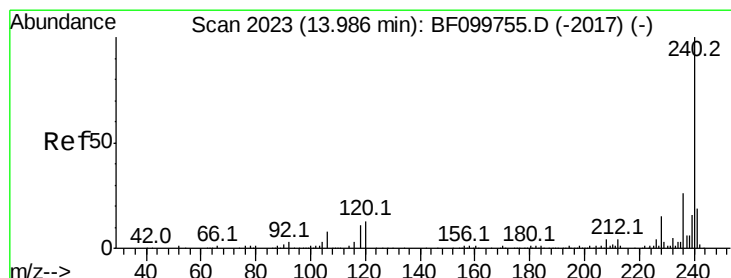
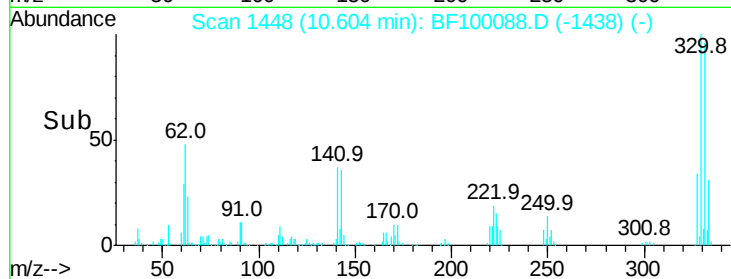
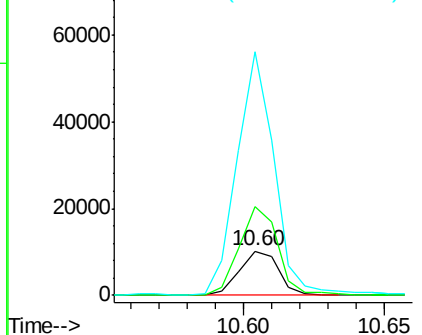
#66
 4-Bromophenyl-phenylether
 Concen: 3.415 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.24 min
 Lab File: BF100088.D
 Acq: 2 Nov 2017 16:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 9752
 Ion Ratio Lower Upper
 248 100
 250 200.1 76.9 115.3#
 141 547.2 74.4 111.6#

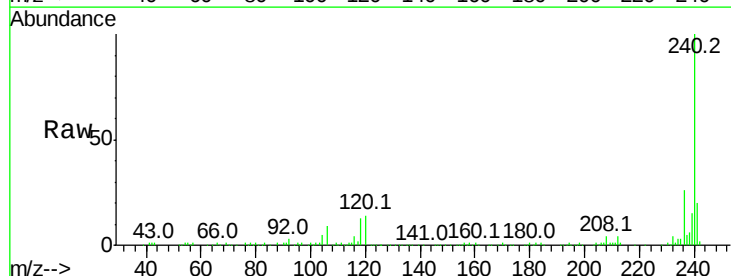


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

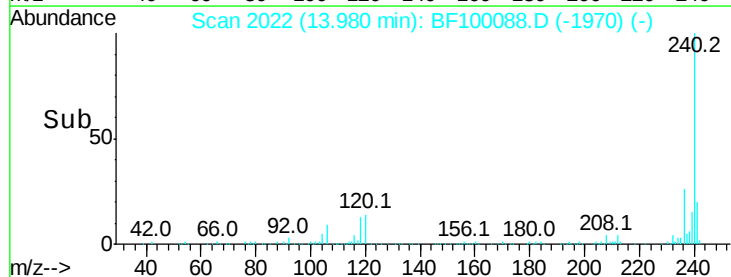
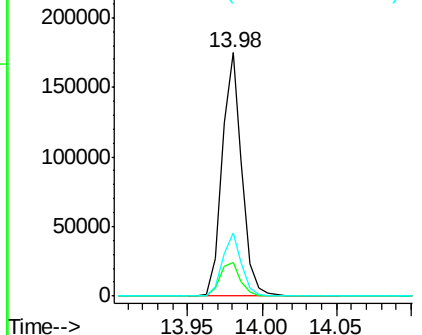


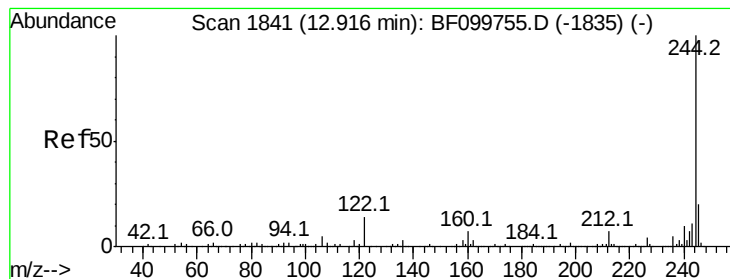
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF100088.D
 Acq: 2 Nov 2017 16:46

Tgt Ion:240 Resp: 162018
 Ion Ratio Lower Upper
 240 100
 120 13.7 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: 74.267 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF100088.D

Acq: 2 Nov 2017 16:46

Instrument :

BNA_F

ClientSampleId :

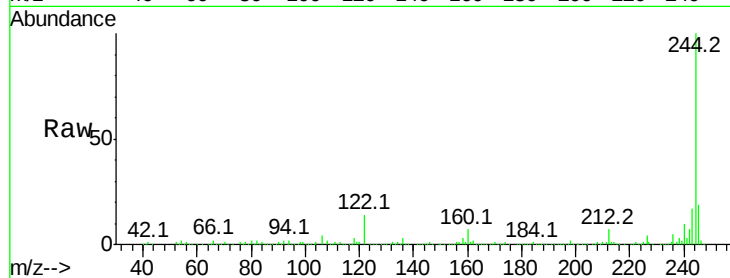
Tot Ion:244 Resp: 550595

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

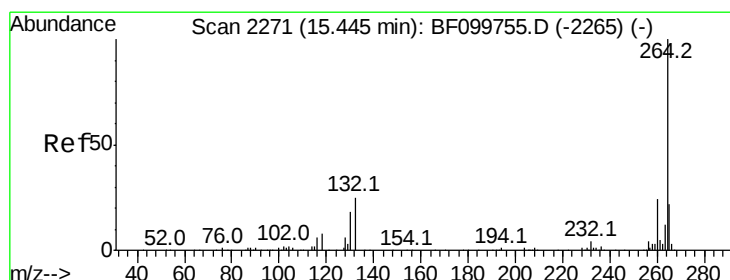
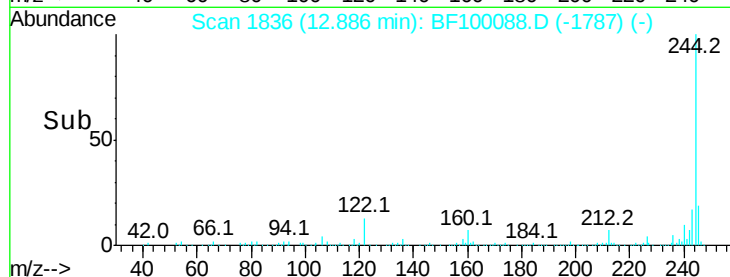
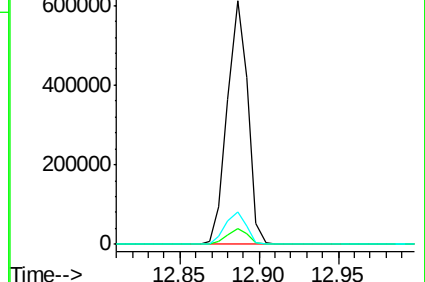
122 13.5 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. 0.04 min

Lab File: BF100088.D

Acq: 2 Nov 2017 16:46

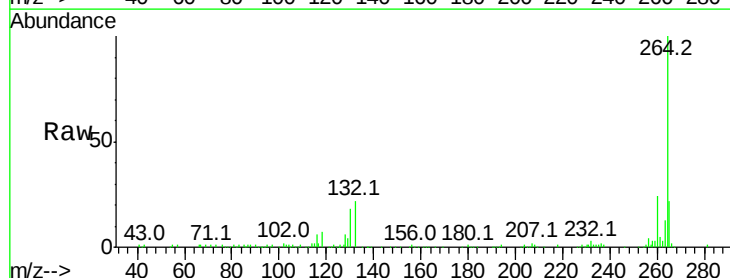
Tgt Ion:264 Resp: 159500

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.8 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

