

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100037.D
 Acq On : 1 Nov 2017 9:26
 Operator : SJ/JU
 Sample : I6092-05
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 11:07:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 16:51:57 2017
 Response via : Initial Calibration

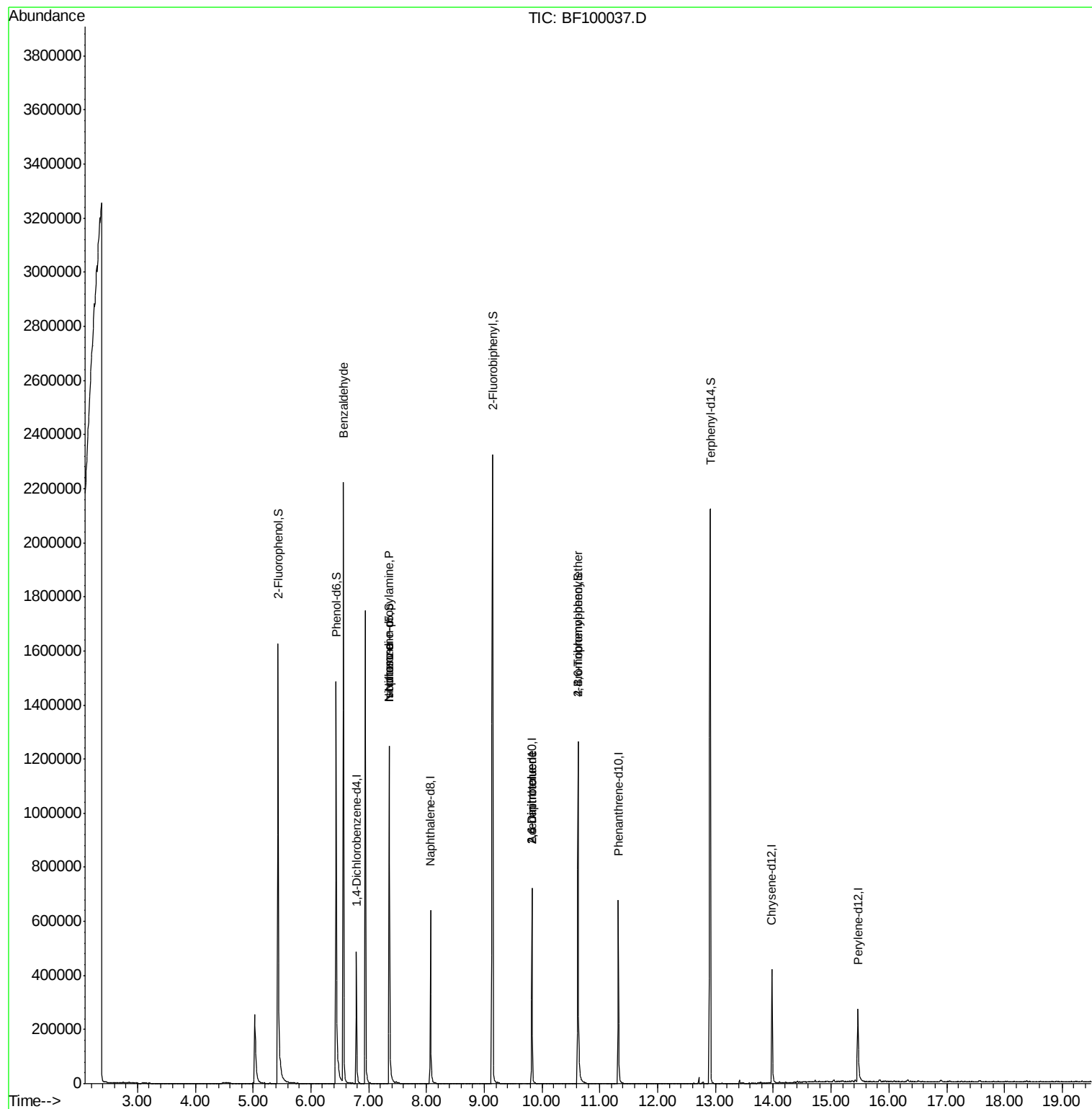
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	79382	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	331499	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	155092	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	284553	20.00	ng	0.00
75) Chrysene-d12	13.97	240	171358	20.00	ng	-0.01
86) Perylene-d12	15.46	264	148972	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	639595	126.50	ng	0.02
7) Phenol-d6	6.43	99	711919	118.75	ng	0.00
23) Nitrobenzene-d5	7.36	82	458242	89.00	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	188099	133.08	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	936955	93.21	ng	0.00
78) Terphenyl-d14	12.91	244	809152	103.19	ng	0.00
Target Compounds						
9) Benzaldehyde	6.56	77	11360	3.171	ng	95
19) n-Nitroso-di-n-propylamine	7.36	70	56144	15.980	ng	# 73
25) Isophorone	7.36	82	458236	49.044	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	20101	7.785	ng	# 24
56) 2,4-Dinitrotoluene	9.82	165	20101	6.465	ng	# 21
66) 4-Bromophenyl-phenylether	10.62	248	11551	3.856	ng	# 1

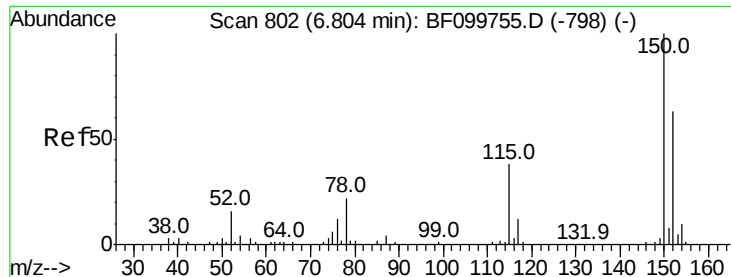
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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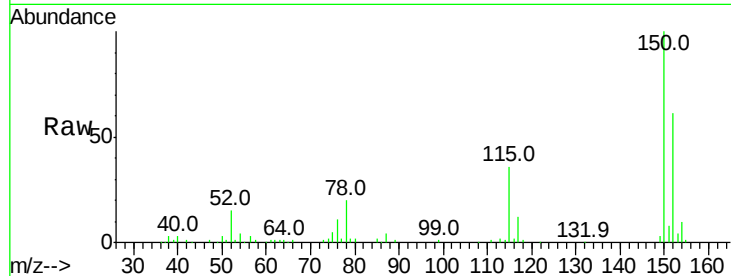


#1

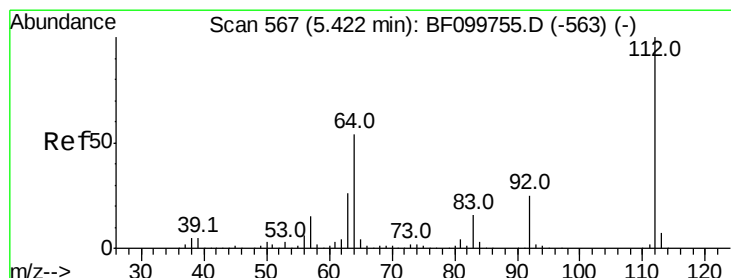
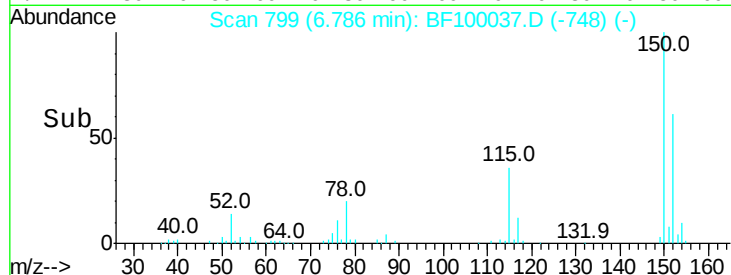
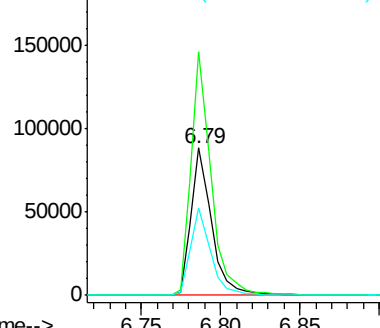
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF100037.D
Acq: 1 Nov 2017 9:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 79382
Ion Ratio Lower Upper
152 100
150 165.1 124.6 186.8
115 59.1 50.1 75.1



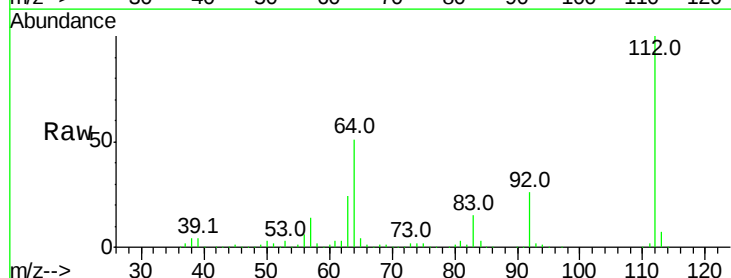
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



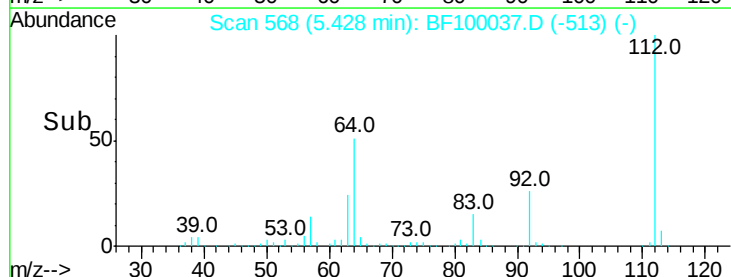
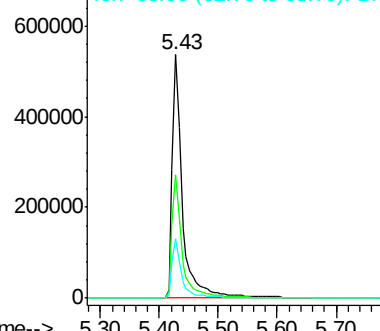
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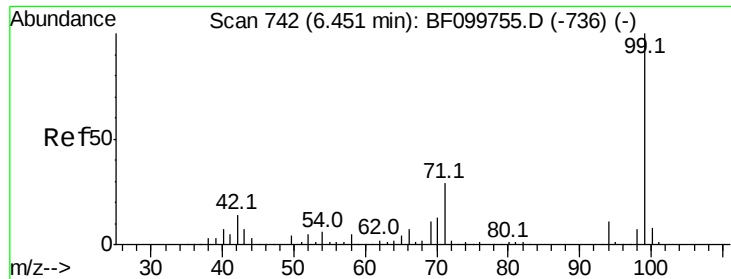
2-Fluorophenol
Concen: 126.495 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF100037.D
Acq: 1 Nov 2017 9:26

Tgt Ion:112 Resp: 639595
Ion Ratio Lower Upper
112 100
64 50.7 47.9 71.9
63 24.3 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: 118.745 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF100037.D

Acq: 1 Nov 2017 9:26

Instrument :

BNA_F

ClientSampleId :

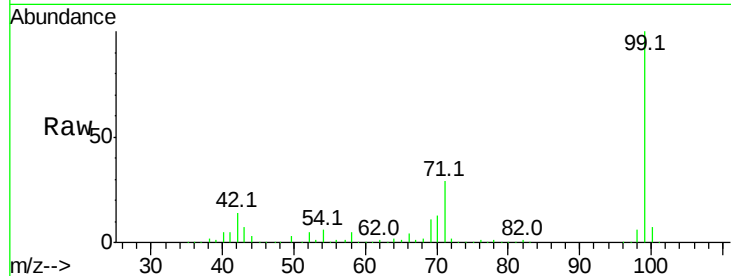
Tot Ion: 99 Resp: 711919

Ion Ratio Lower Upper

99 100

42 13.8 14.5 21.7#

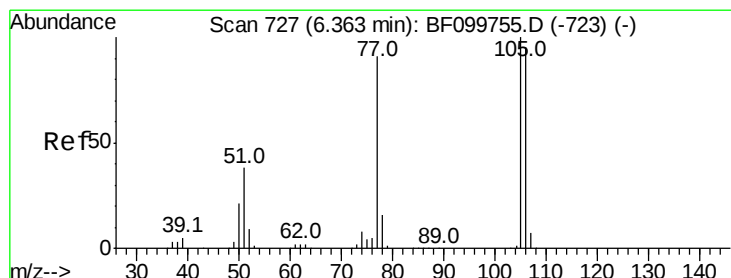
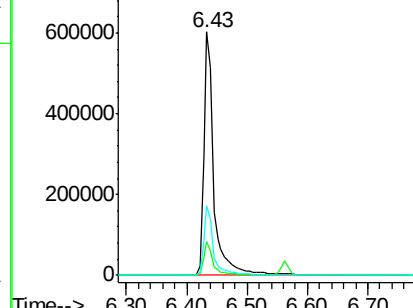
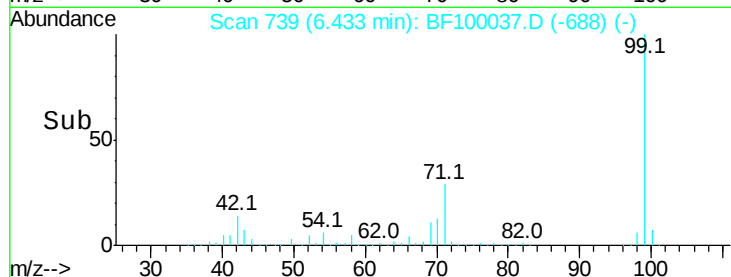
71 28.7 25.4 38.0



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: 3.171 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.21 min

Lab File: BF100037.D

Acq: 1 Nov 2017 9:26

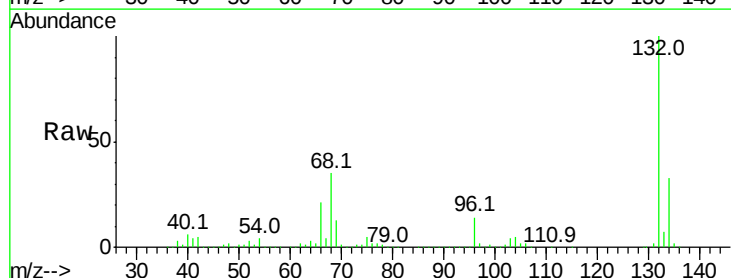
Tgt Ion: 77 Resp: 11360

Ion Ratio Lower Upper

77 100

105 91.1 81.1 121.1

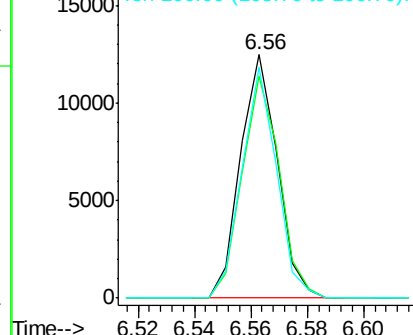
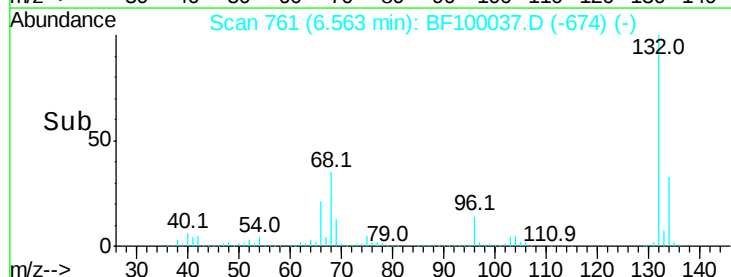
106 94.9 74.5 114.5

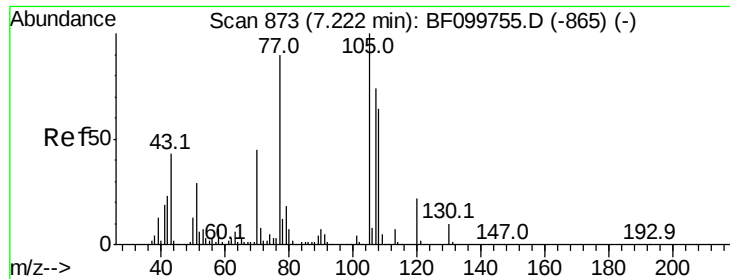


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

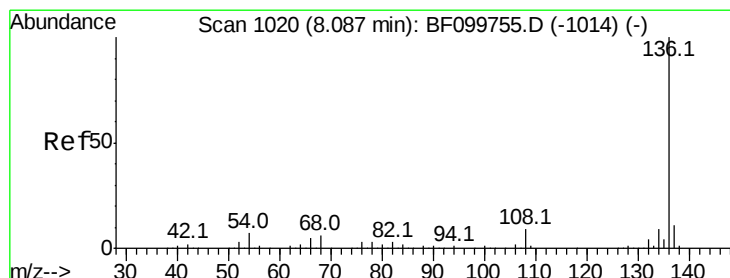
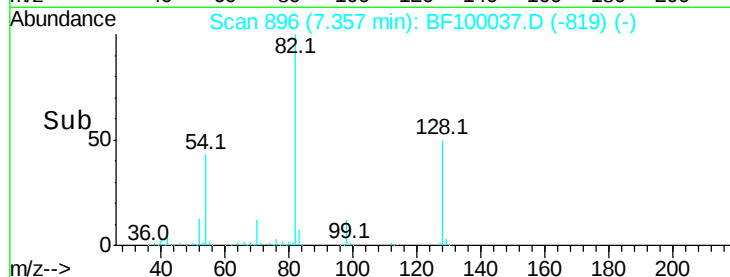
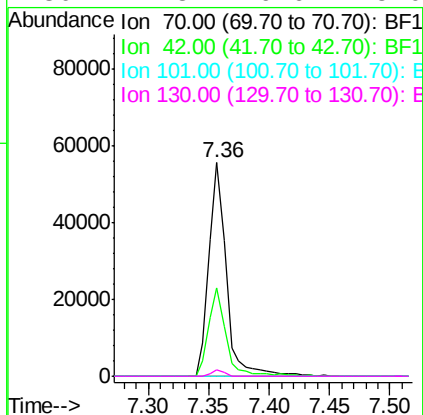
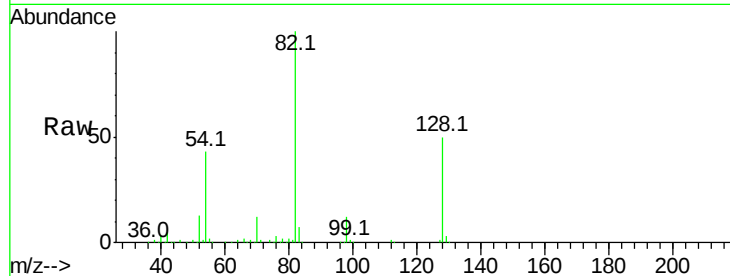




#19
 n-Nitroso-di-n-propylamine
 Concen: 15.980 ng
 RT: 7.36 min Scan# 896
 Delta R.T. 0.15 min
 Lab File: BF100037.D
 Acq: 1 Nov 2017 9:26

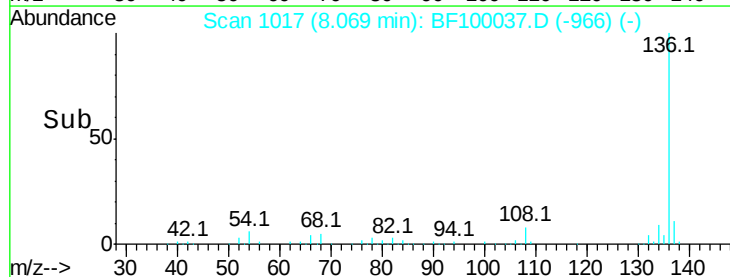
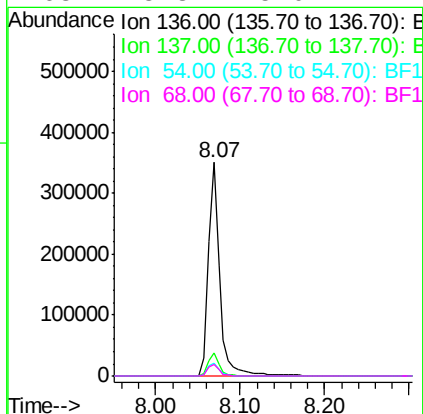
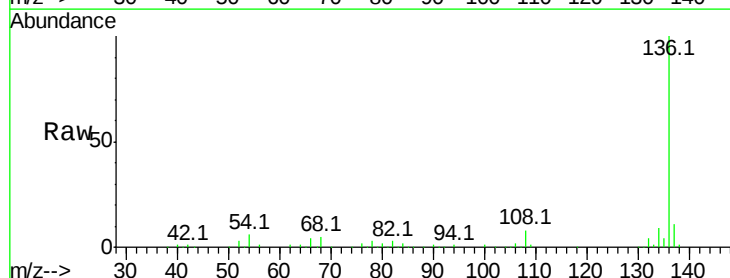
Instrument :
 BNA_F
 ClientSampleId :

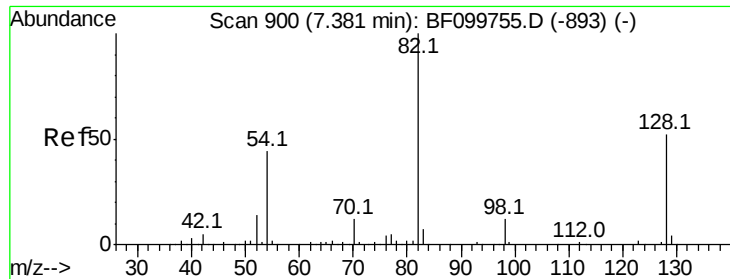
Tot Ion: 70 Resp: 56144
 Ion Ratio Lower Upper
 70 100
 42 41.6 47.5 71.3#
 101 0.0 7.4 11.2#
 130 2.8 16.6 25.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BF100037.D
 Acq: 1 Nov 2017 9:26

Tgt Ion:136 Resp: 331499
 Ion Ratio Lower Upper
 136 100
 137 10.9 8.9 13.3
 54 5.8 6.6 9.8#
 68 5.3 5.0 7.4

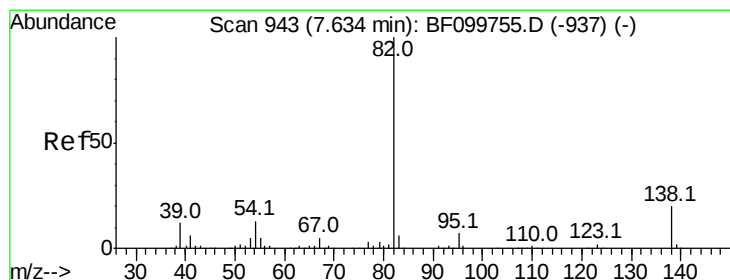
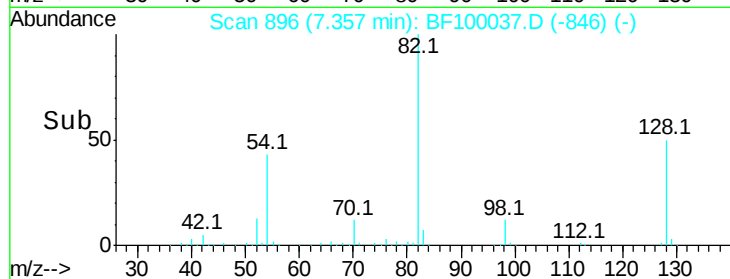
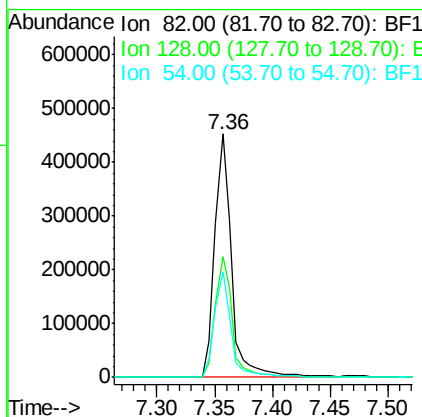
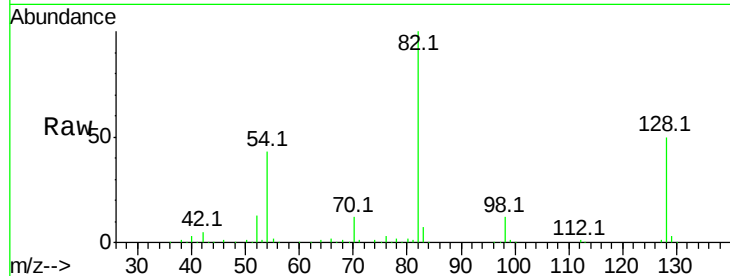




#23
 Nitrobenzene-d5
 Concen: 88.995 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF100037.D
 Acq: 1 Nov 2017 9:26

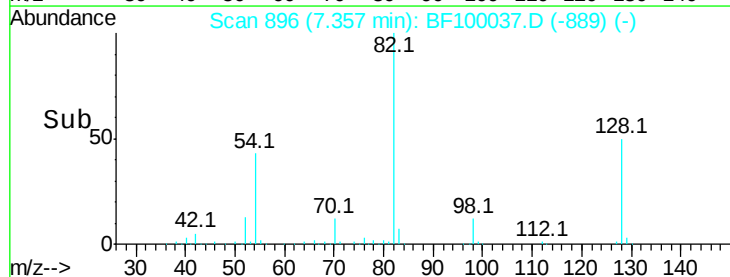
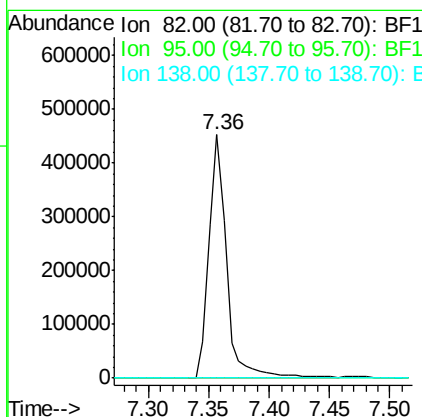
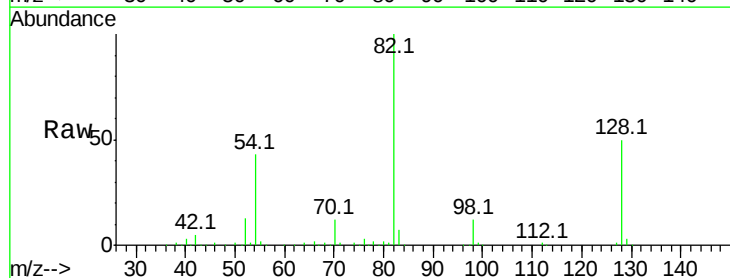
Instrument :
 BNA_F
 ClientSampled :

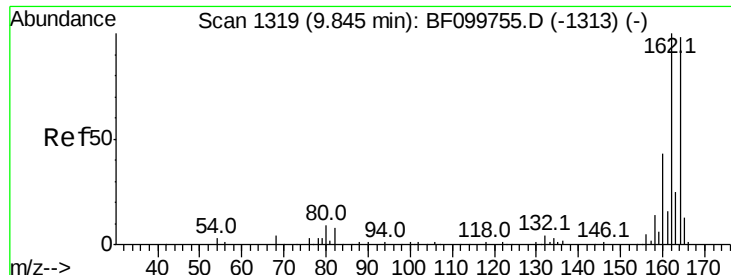
Tot Ion: 82 Resp: 458242
 Ion Ratio Lower Upper
 82 100
 128 49.8 36.1 54.1
 54 43.2 41.4 62.2



#25
 Isophorone
 Concen: 49.044 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.26 min
 Lab File: BF100037.D
 Acq: 1 Nov 2017 9:26

Tgt Ion: 82 Resp: 458236
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

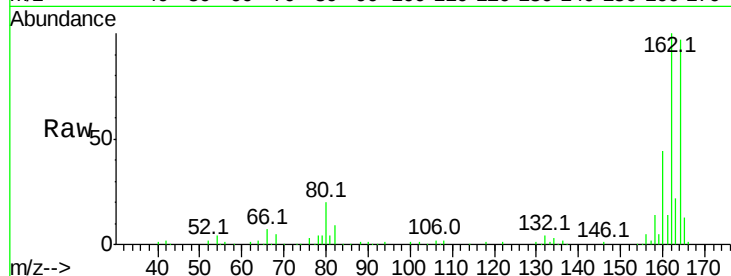




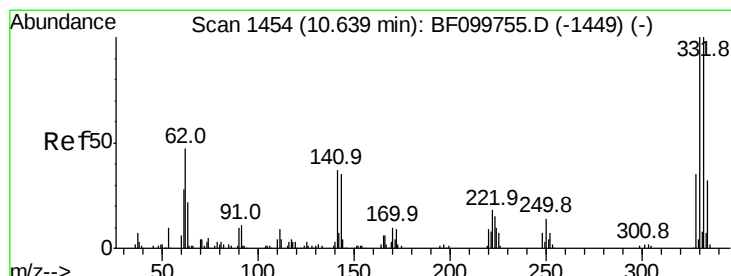
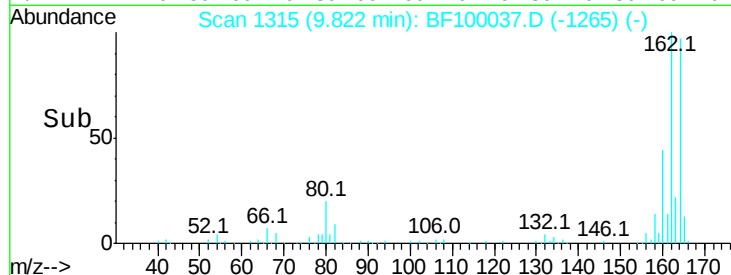
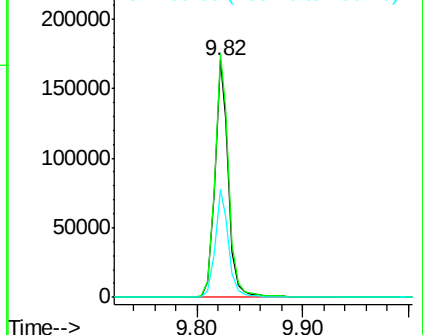
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF100037.D
 Acq: 1 Nov 2017 9:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 155092
 Ion Ratio Lower Upper
 164 100
 162 102.9 86.1 129.1
 160 45.5 38.3 57.5

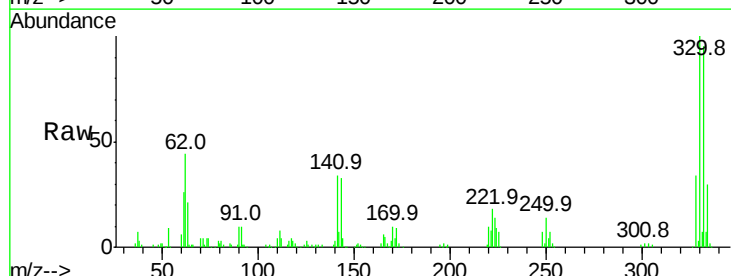


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

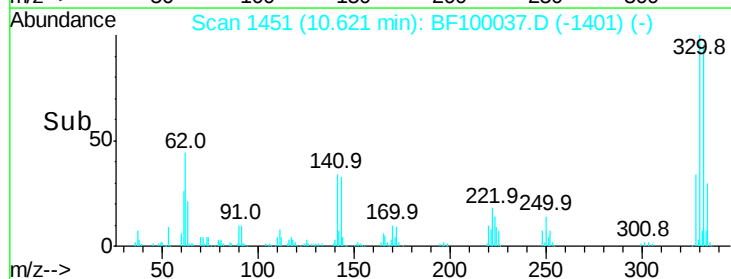
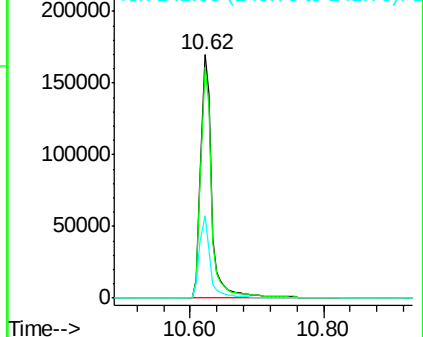


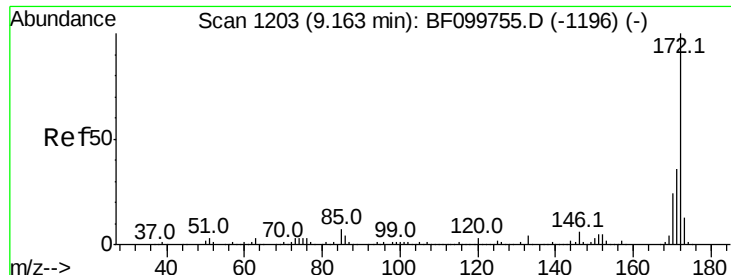
#41
 2,4,6-Tribromophenol
 Concen: 133.085 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF100037.D
 Acq: 1 Nov 2017 9:26

Tgt Ion:330 Resp: 188099
 Ion Ratio Lower Upper
 330 100
 332 93.8 77.0 115.6
 141 32.8 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

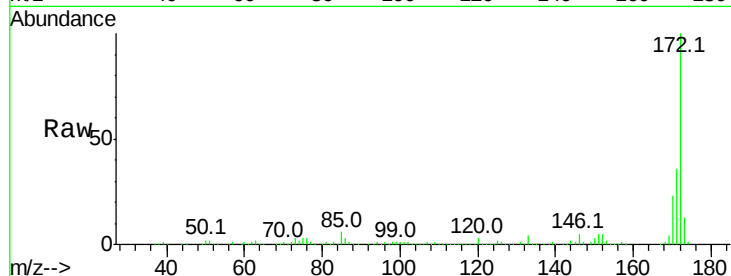




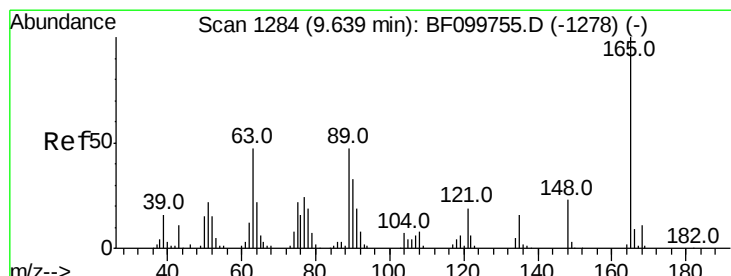
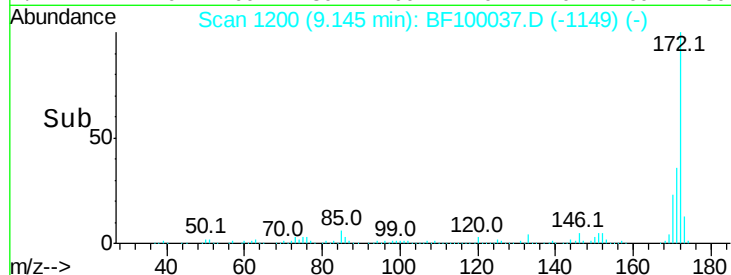
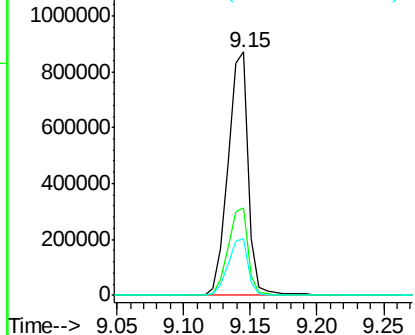
#44
 2-Fluorobiphenyl
 Concen: 93.207 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF100037.D
 Acq: 1 Nov 2017 9:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.1	19.6	29.4

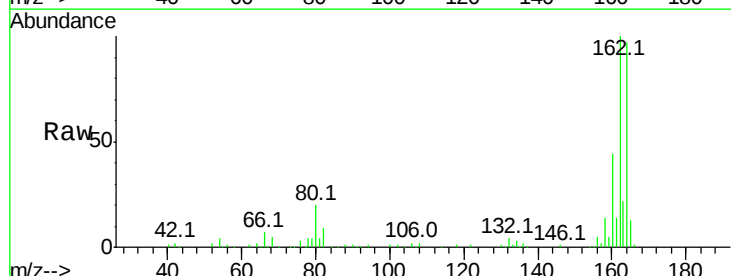


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

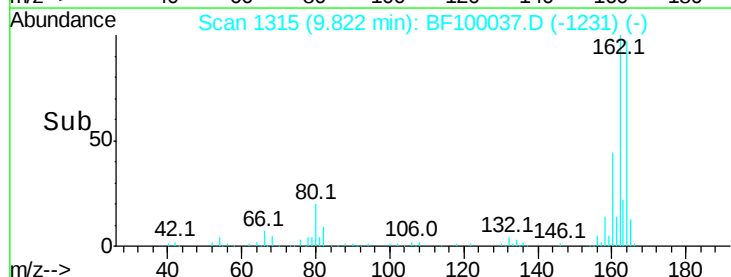
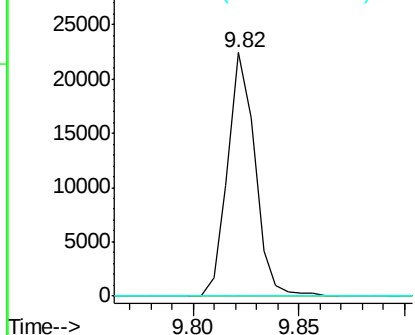


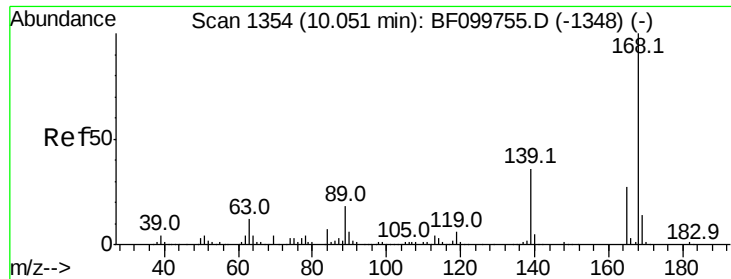
#50
 2,6-Dinitrotoluene
 Concen: 7.785 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.19 min
 Lab File: BF100037.D
 Acq: 1 Nov 2017 9:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	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

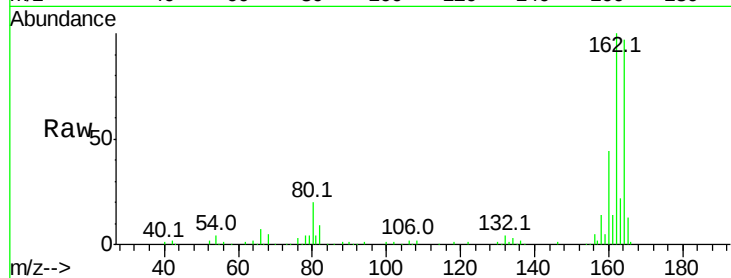




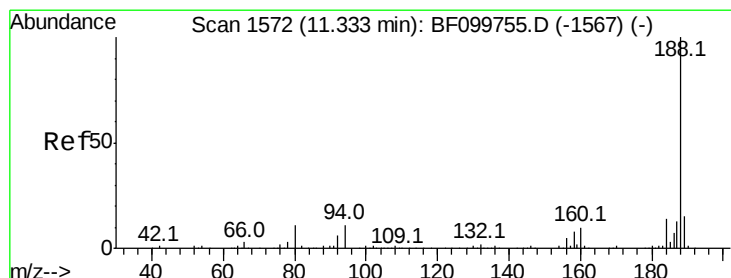
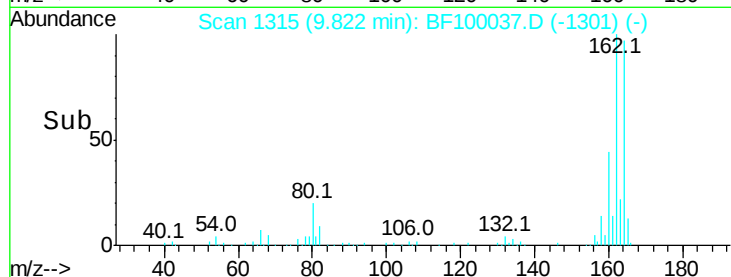
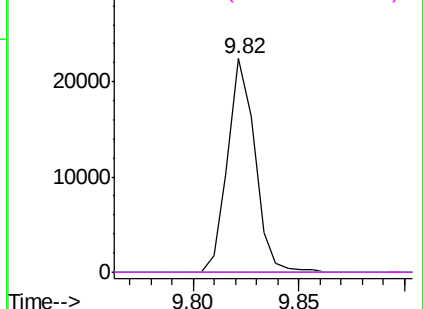
#56
 2,4-Dinitrotoluene
 Concen: 6.465 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.22 min
 Lab File: BF100037.D
 Acq: 1 Nov 2017 9:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 20101
 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#

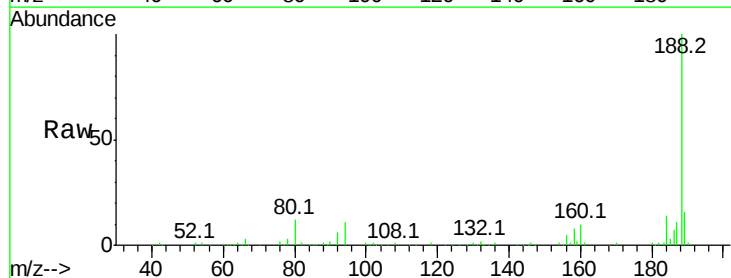


Abundance Ion 165.00 (164.70 to 165.70): E

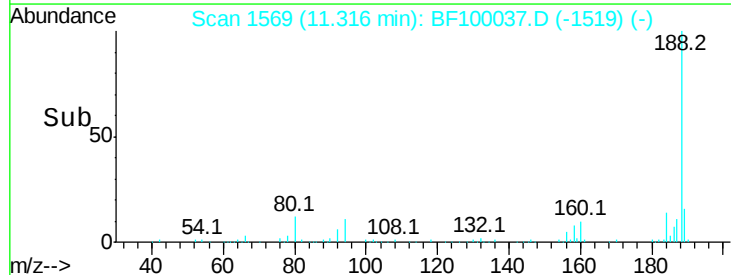
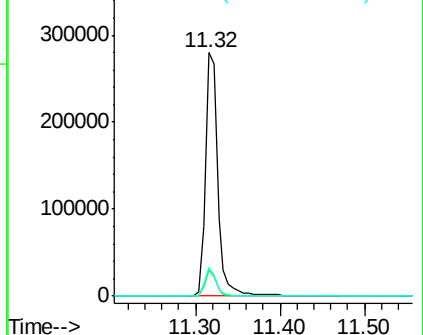


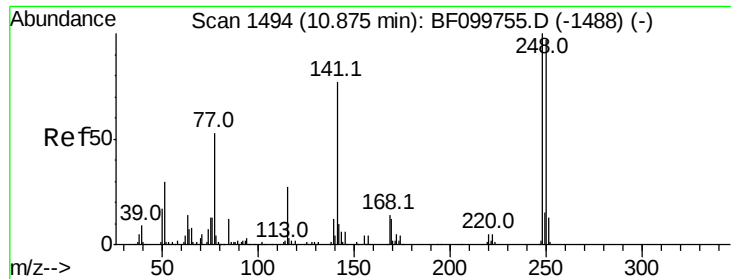
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF100037.D
 Acq: 1 Nov 2017 9:26

Tgt Ion:188 Resp: 284553
 Ion Ratio Lower Upper
 188 100
 94 10.7 8.5 12.7
 80 11.9 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

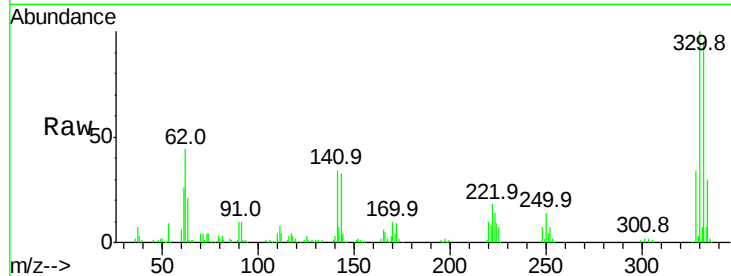




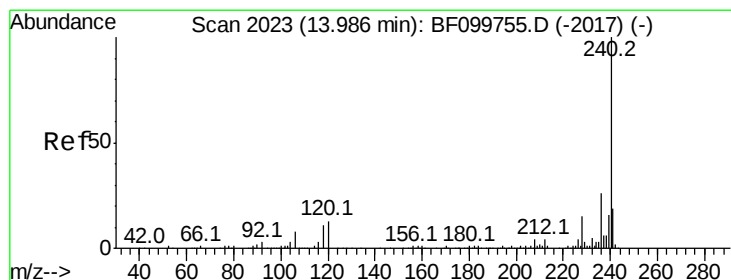
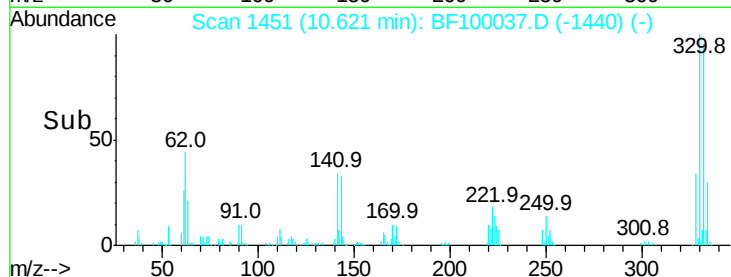
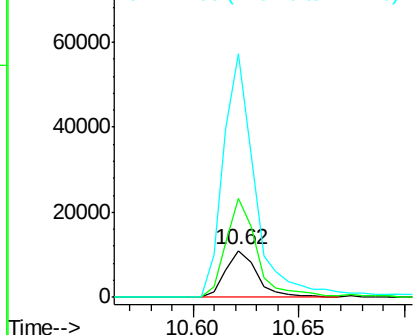
#66
4-Bromophenyl-phenylether
Concen: 3.856 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.24 min
Lab File: BF100037.D
Acq: 1 Nov 2017 9:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 11551
Ion Ratio Lower Upper
248 100
250 210.3 76.9 115.3#
141 517.8 74.4 111.6#

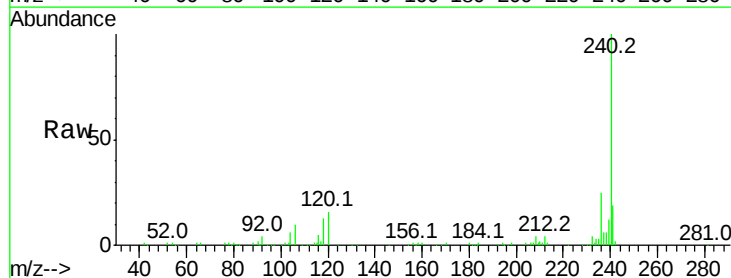


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

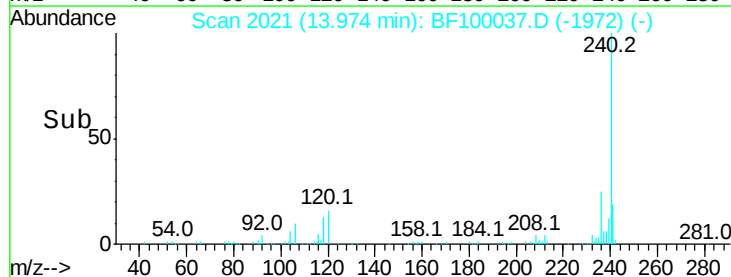
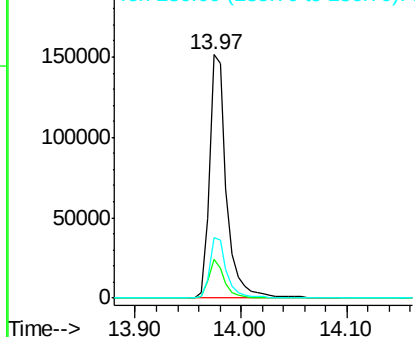


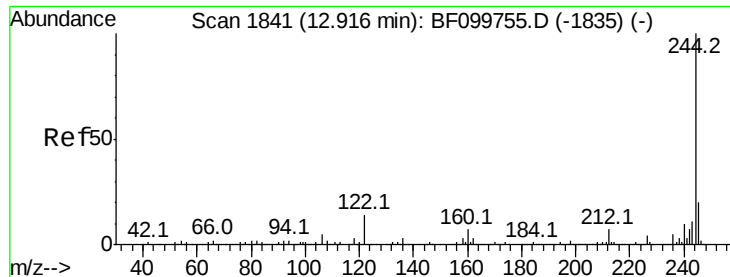
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF100037.D
Acq: 1 Nov 2017 9:26

Tgt Ion:240 Resp: 171358
Ion Ratio Lower Upper
240 100
120 15.7 9.5 14.3#
236 24.8 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: 103.193 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF100037.D

Acq: 1 Nov 2017 9:26

Instrument :

BNA_F

ClientSampled :

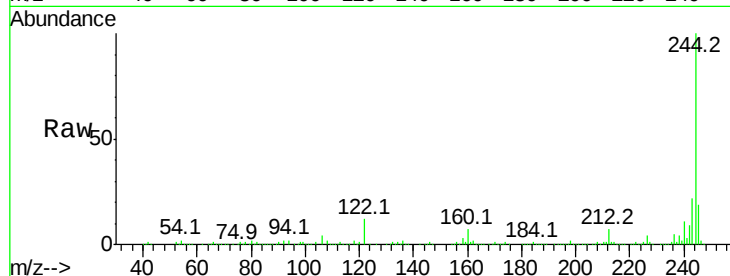
Tot Ion:244 Resp: 809152

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

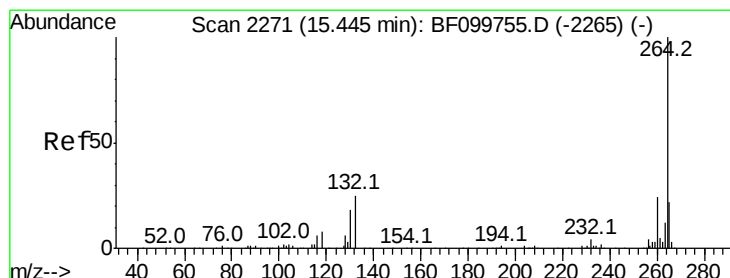
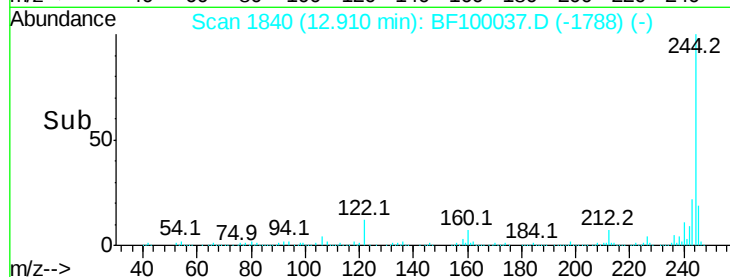
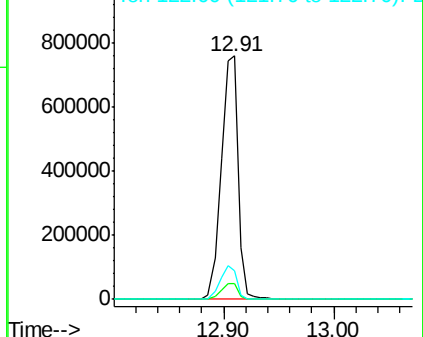
122 11.7 11.0 16.4



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: 15.46 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF100037.D

Acq: 1 Nov 2017 9:26

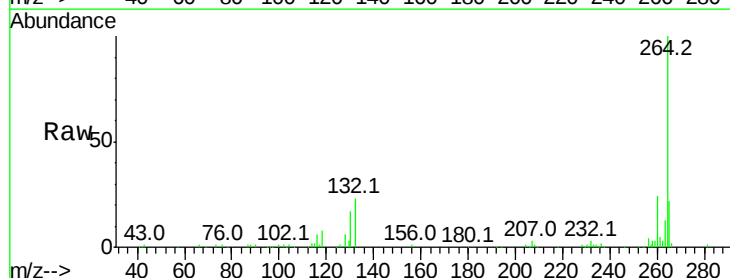
Tgt Ion:264 Resp: 148972

Ion Ratio Lower Upper

264 100

260 23.8 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

