

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100004.D
 Acq On : 31 Oct 2017 15:50
 Operator : SJ/JU
 Sample : PB103743BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 04:17:07 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

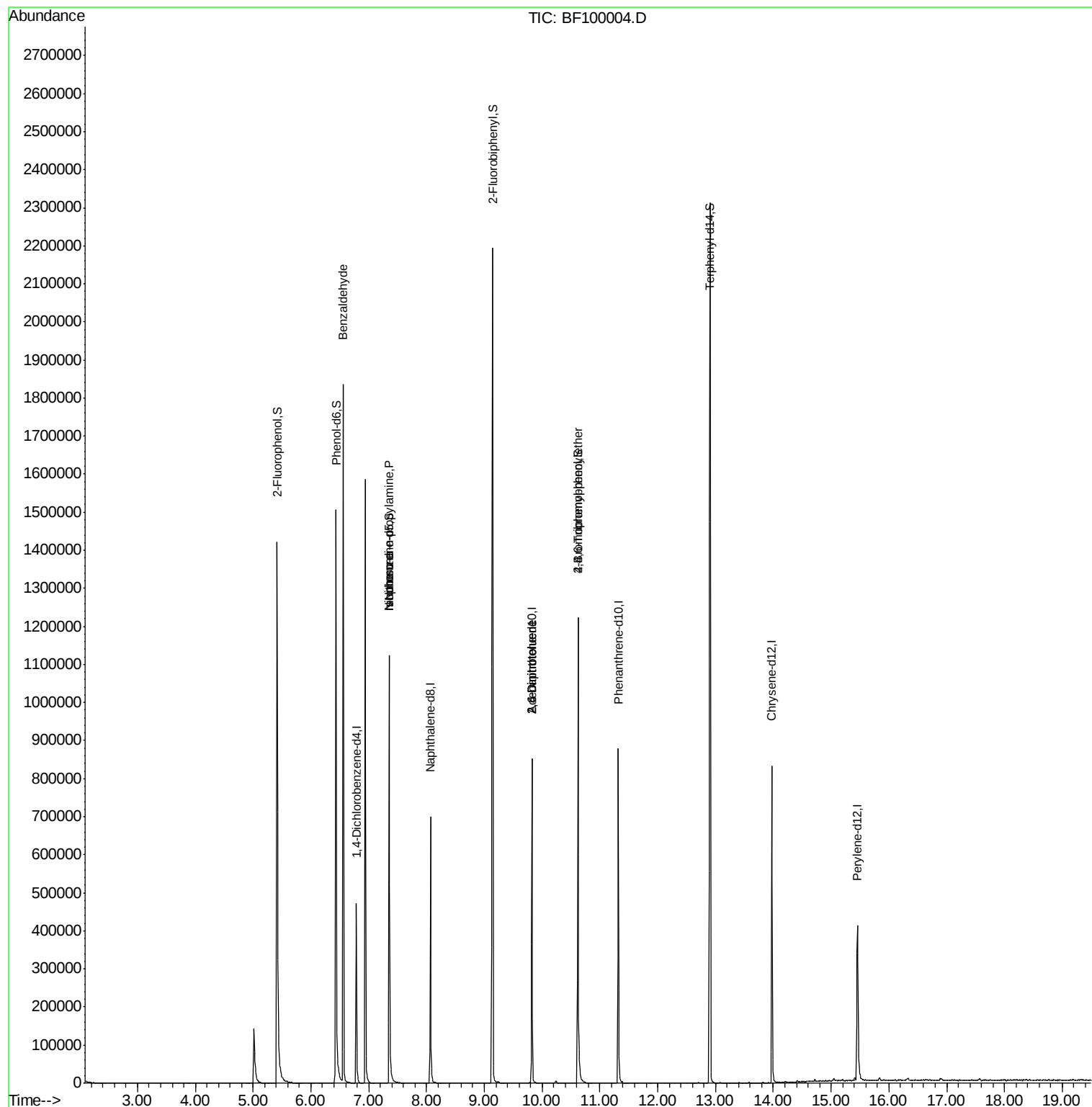
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	83212	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	353302	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	175236	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	343067	20.00	ng	0.00
75) Chrysene-d12	13.97	240	295417	20.00	ng	-0.01
86) Perylene-d12	15.46	264	226119	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	555545	104.82	ng	0.01
7) Phenol-d6	6.43	99	664547	105.74	ng	0.00
23) Nitrobenzene-d5	7.36	82	377176	68.73	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	172507	108.02	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	830542	73.12	ng	0.00
78) Terphenyl-d14	12.90	244	877504	64.91	ng	0.00
Target Compounds						
9) Benzaldehyde	6.56	77	9771	2.602	ng	94
19) n-Nitroso-di-n-propylamine	7.36	70	46559	12.642	ng	# 68
25) Isophorone	7.36	82	377173	37.877	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	21484	7.364	ng	# 24
56) 2,4-Dinitrotoluene	9.82	165	21484	6.115	ng	# 21
66) 4-Bromophenyl-phenylether	10.62	248	11333	3.138	ng	# 1

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

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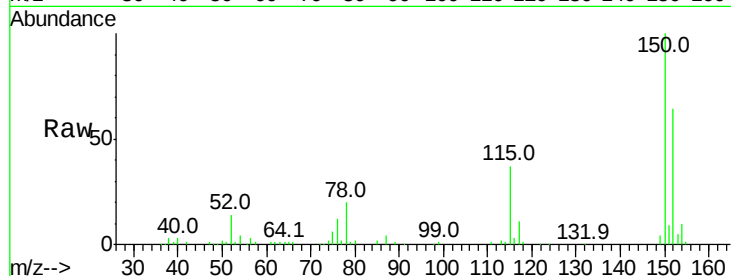


#1

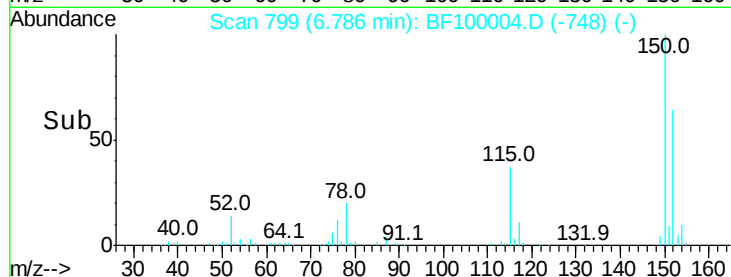
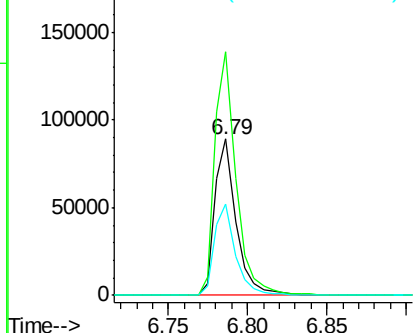
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF100004.D
Acq: 31 Oct 2017 15:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 83212
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 58.2 50.1 75.1



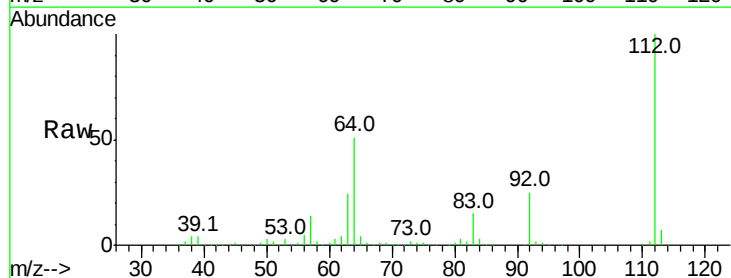
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



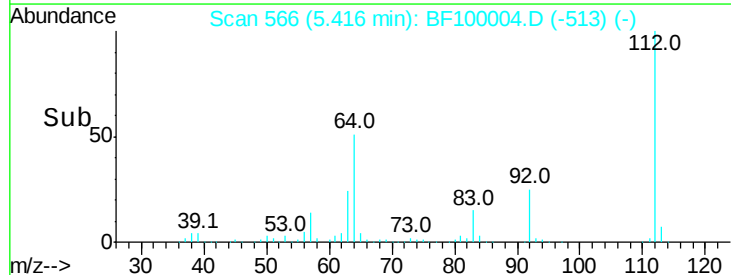
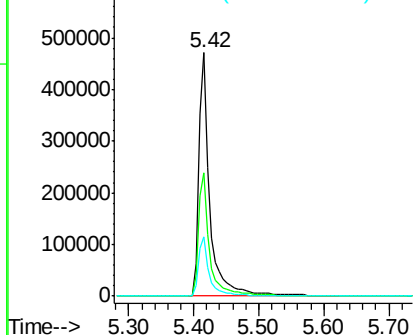
#5

2-Fluorophenol
Concen: 104.815 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF100004.D
Acq: 31 Oct 2017 15:50

Tgt Ion:112 Resp: 555545
Ion Ratio Lower Upper
112 100
64 50.8 47.9 71.9
63 24.1 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: 105.742 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF100004.D

Acq: 31 Oct 2017 15:50

Instrument :

BNA_F

ClientSampleId :

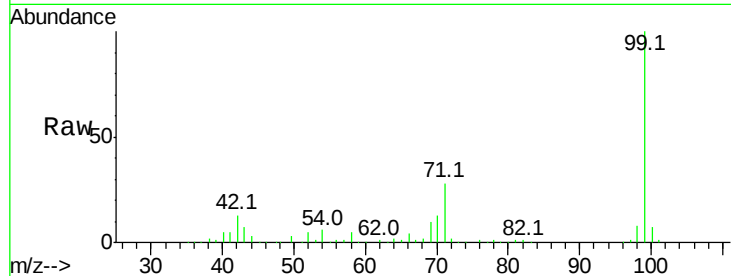
Tot Ion: 99 Resp: 664547

Ion Ratio Lower Upper

99 100

42 12.8 14.5 21.7#

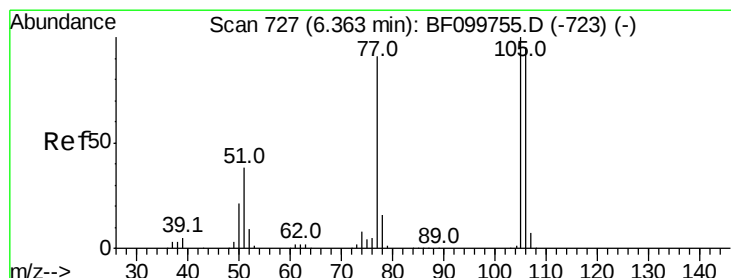
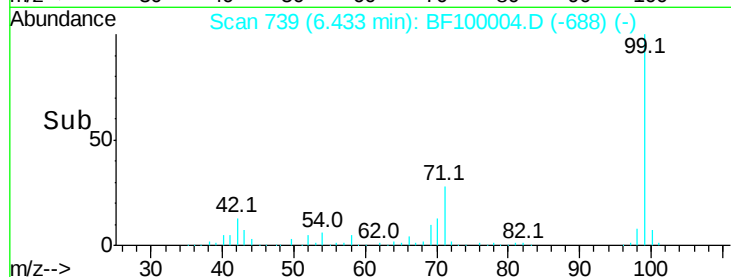
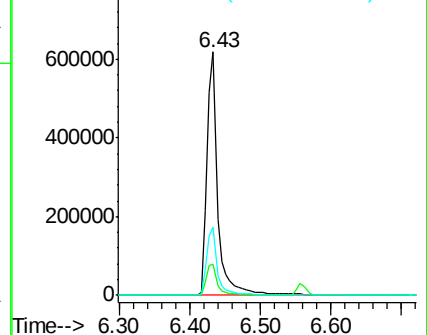
71 28.2 25.4 38.0



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: 2.602 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.21 min

Lab File: BF100004.D

Acq: 31 Oct 2017 15:50

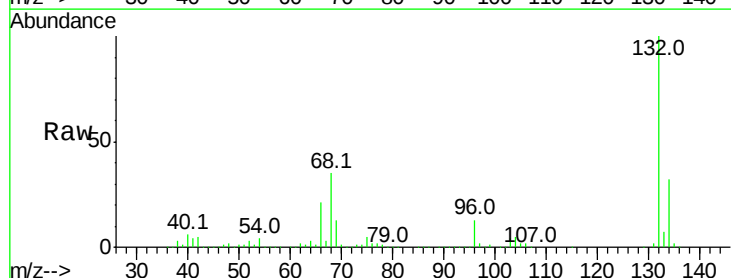
Tgt Ion: 77 Resp: 9771

Ion Ratio Lower Upper

77 100

105 93.7 81.1 121.1

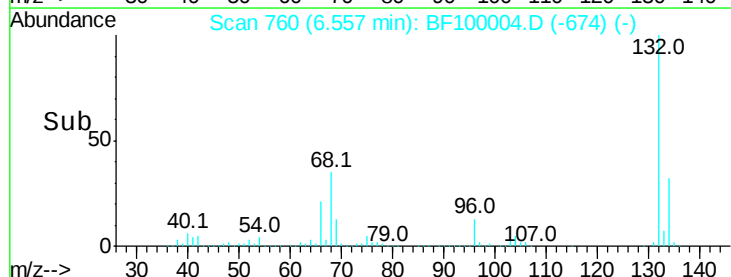
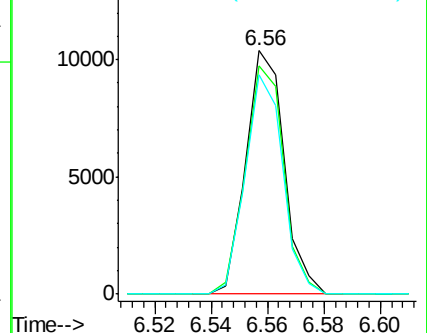
106 90.0 74.5 114.5

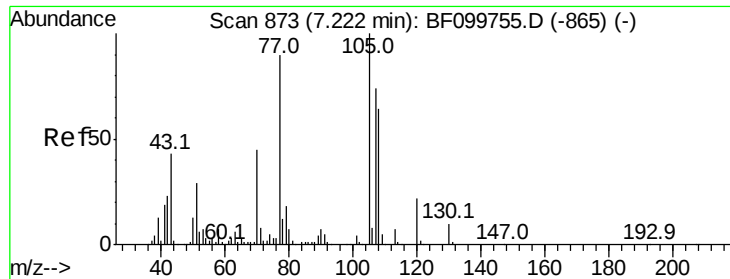


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

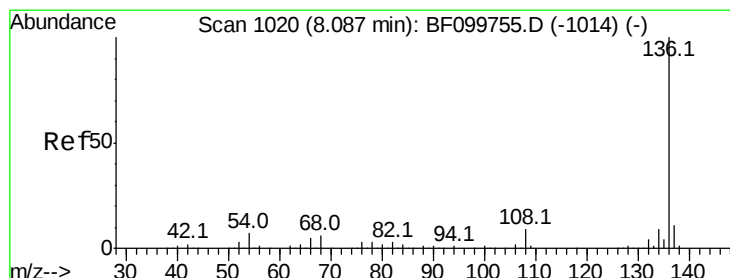
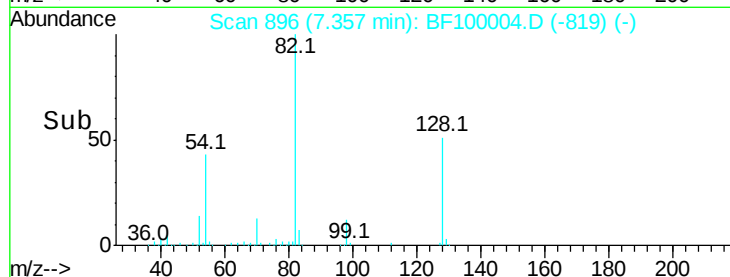
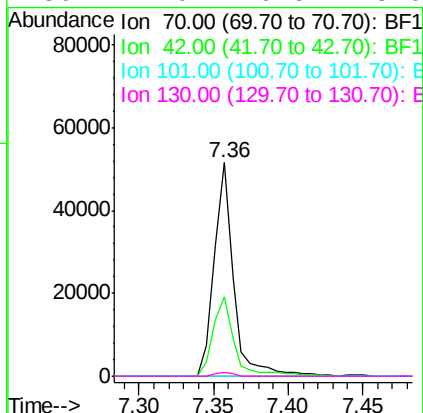
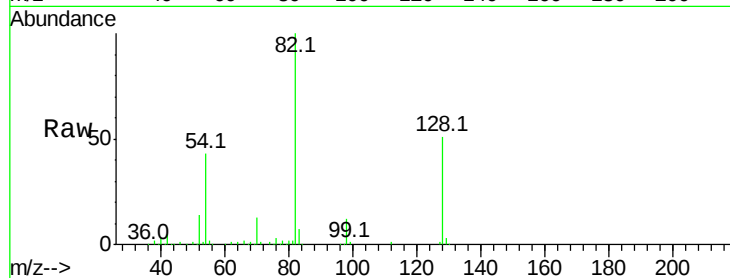




#19
n-Nitroso-di-n-propylamine
Concen: 12.642 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF100004.D
Acq: 31 Oct 2017 15:50

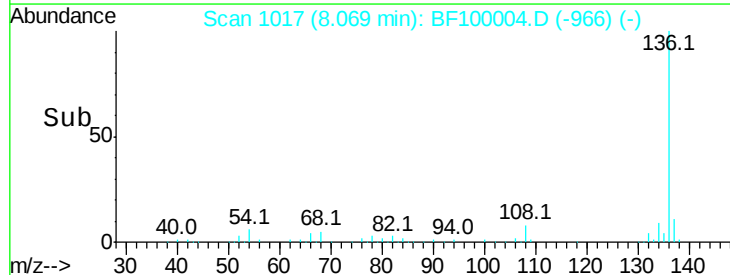
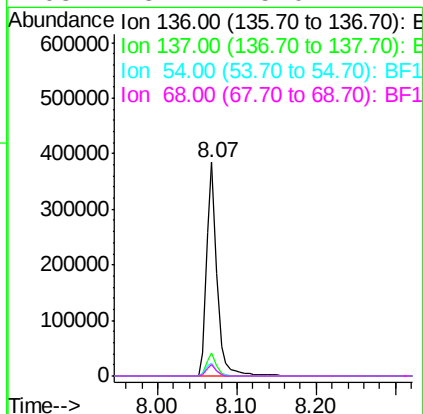
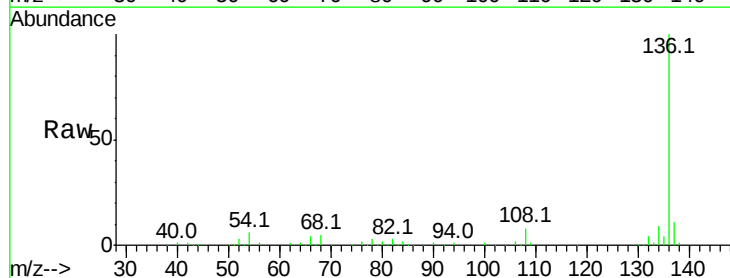
Instrument :
BNA_F
ClientSampleId :

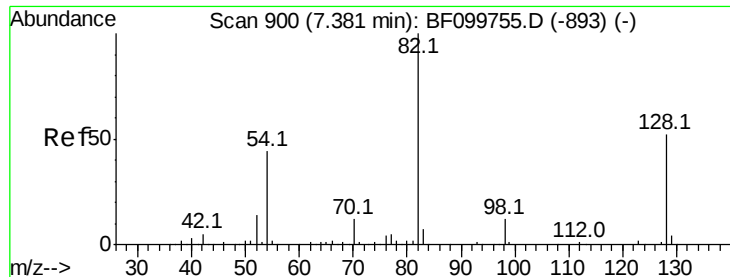
Tot Ion: 70 Resp: 46559
Ion Ratio Lower Upper
70 100
42 37.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF100004.D
Acq: 31 Oct 2017 15:50

Tgt Ion: 136 Resp: 353302
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 6.1 6.6 9.8#
68 5.2 5.0 7.4

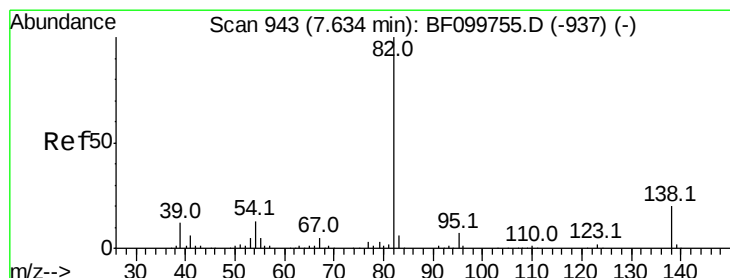
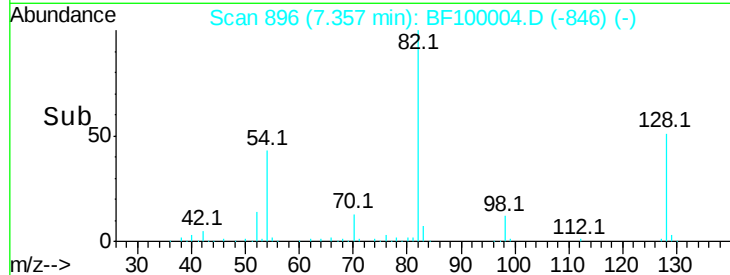
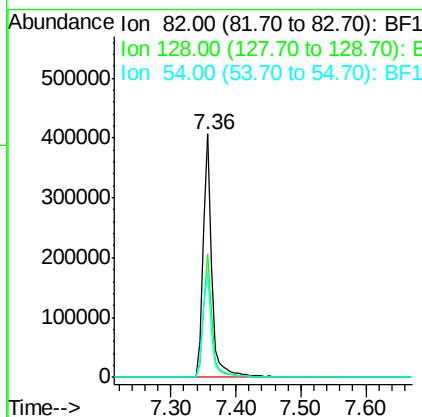
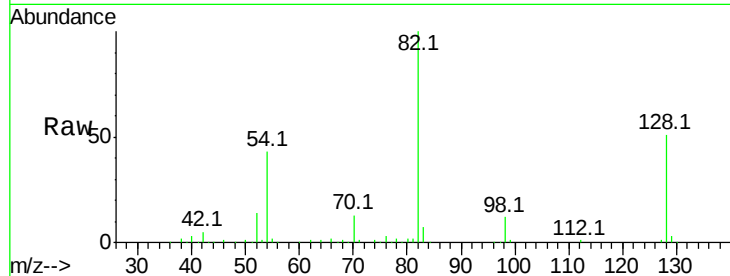




#23
 Nitrobenzene-d5
 Concen: 68.731 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF100004.D
 Acq: 31 Oct 2017 15:50

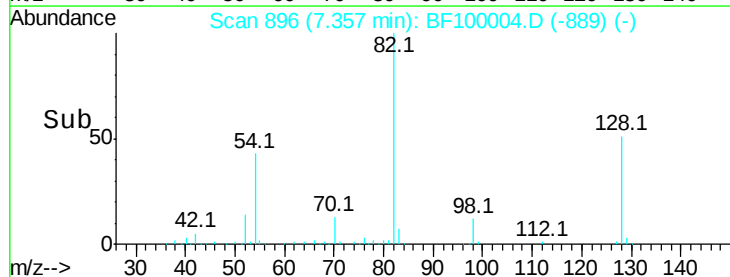
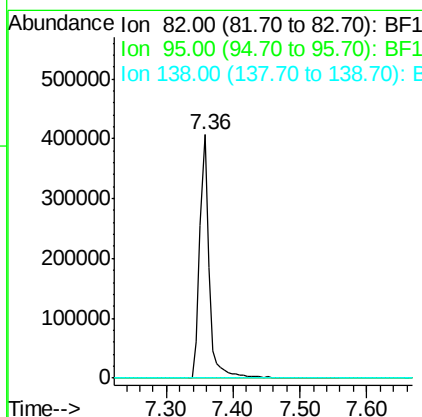
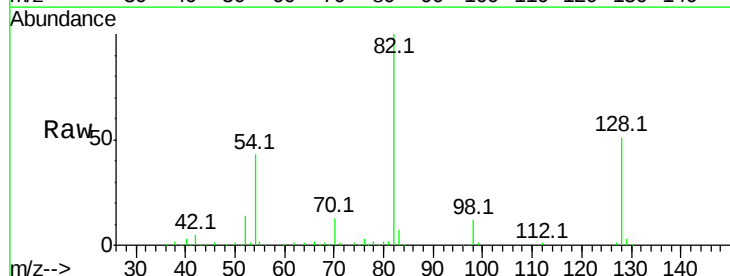
Instrument :
 BNA_F
 ClientSampled :

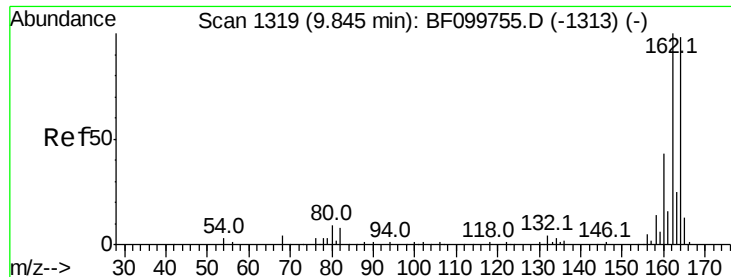
Tot Ion: 82 Resp: 377176
 Ion Ratio Lower Upper
 82 100
 128 50.6 36.1 54.1
 54 42.7 41.4 62.2



#25
 Isophorone
 Concen: 37.877 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.26 min
 Lab File: BF100004.D
 Acq: 31 Oct 2017 15:50

Tgt Ion: 82 Resp: 377173
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

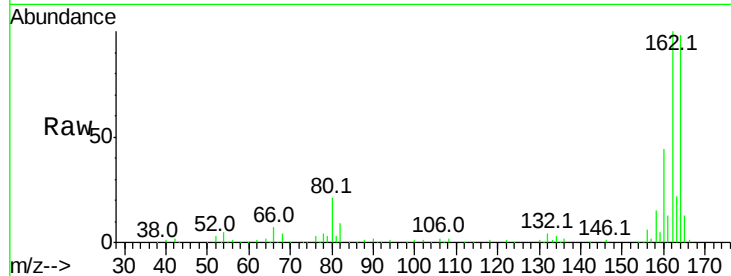




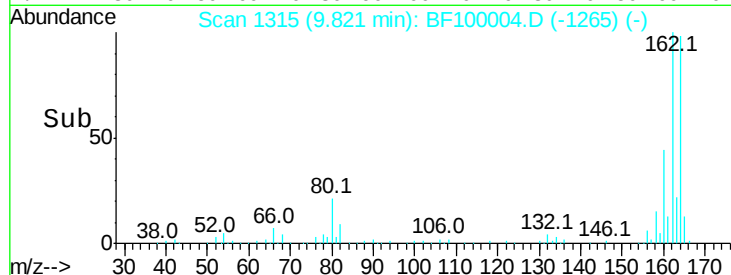
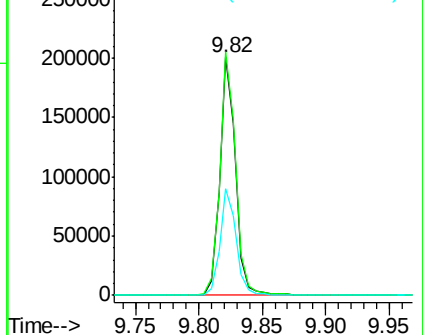
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF100004.D
Acq: 31 Oct 2017 15:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 175236
Ion Ratio Lower Upper
164 100
162 102.2 86.1 129.1
160 45.0 38.3 57.5

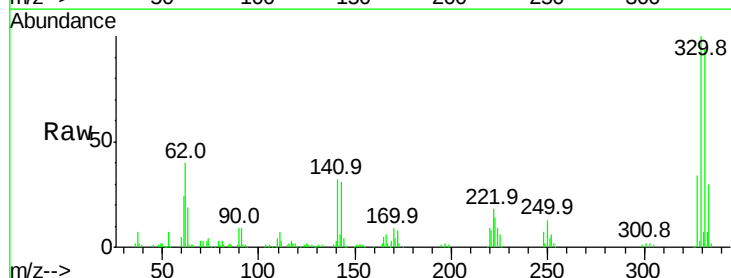


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

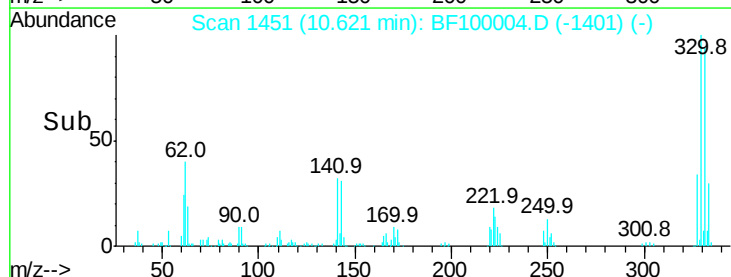
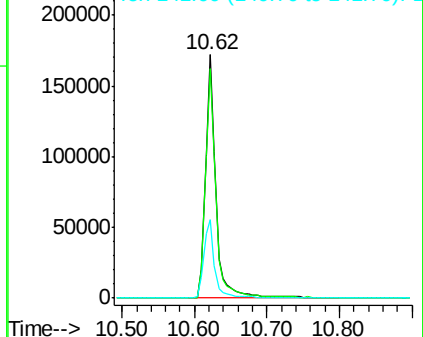


#41
2,4,6-Tribromophenol
Concen: 108.022 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF100004.D
Acq: 31 Oct 2017 15:50

Tgt Ion:330 Resp: 172507
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 34.0 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

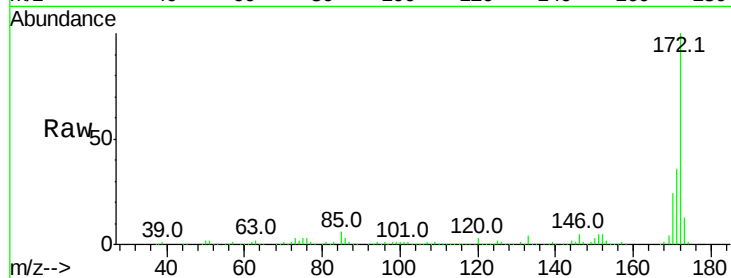




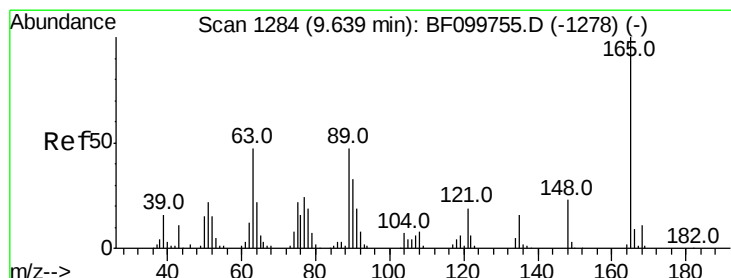
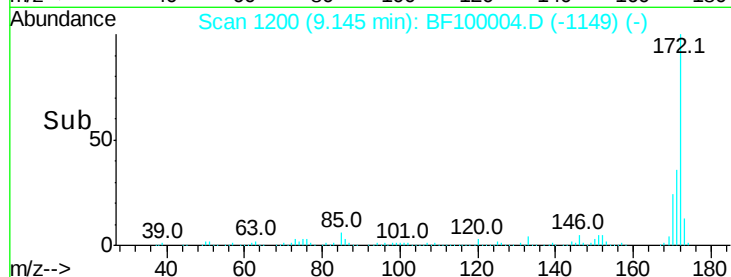
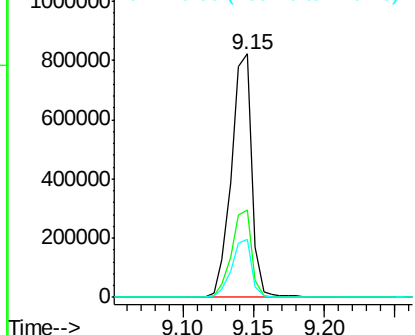
#44
 2-Fluorobiphenyl
 Concen: 73.124 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF100004.D
 Acq: 31 Oct 2017 15:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 830542
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 23.7 19.6 29.4

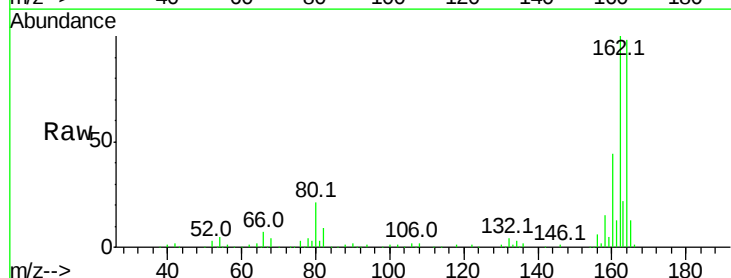


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

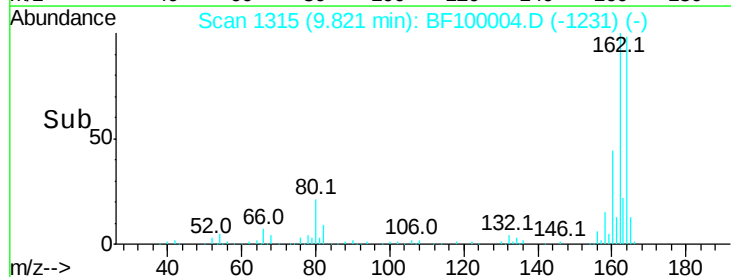
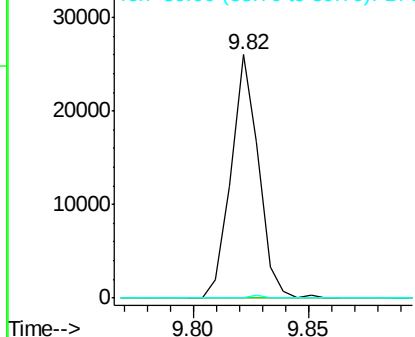


#50
 2,6-Dinitrotoluene
 Concen: 7.364 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.19 min
 Lab File: BF100004.D
 Acq: 31 Oct 2017 15:50

Tgt Ion:165 Resp: 21484
 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

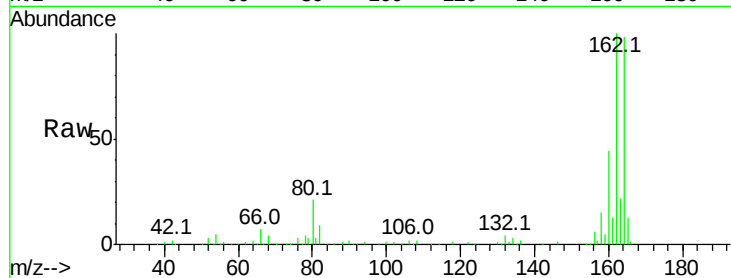




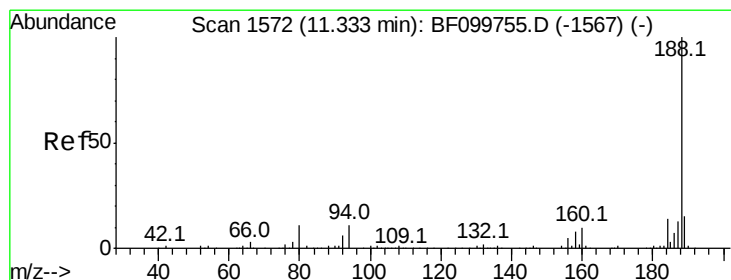
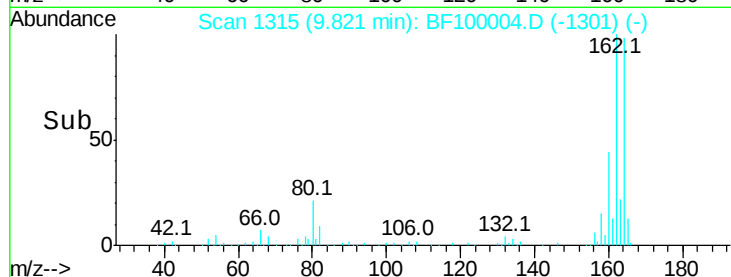
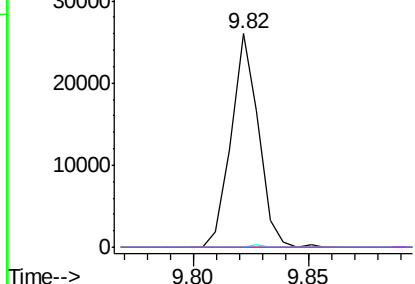
#56
 2,4-Dinitrotoluene
 Concen: 6.115 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.22 min
 Lab File: BF100004.D
 Acq: 31 Oct 2017 15:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 21484
 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#

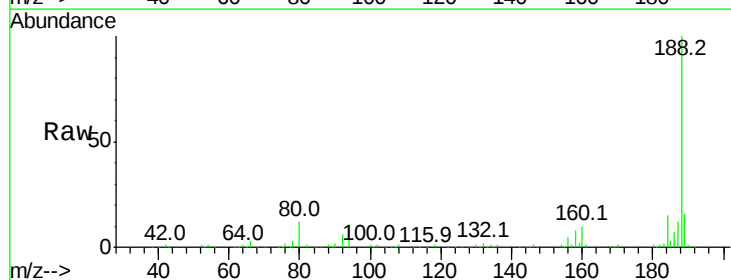


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

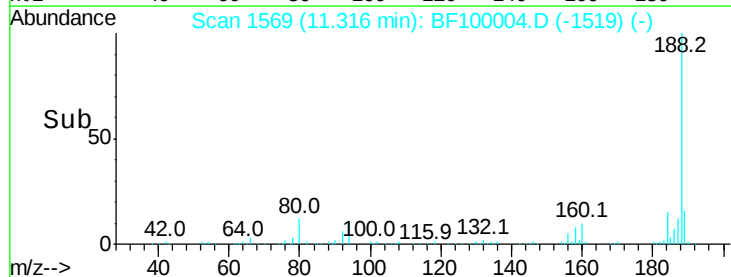
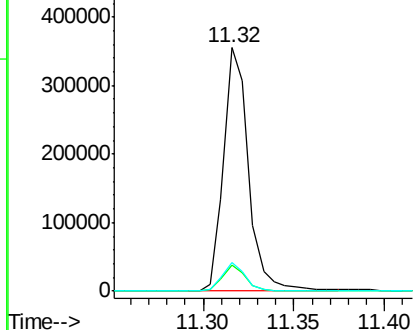


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF100004.D
 Acq: 31 Oct 2017 15:50

Tgt Ion:188 Resp: 343067
 Ion Ratio Lower Upper
 188 100
 94 10.9 8.5 12.7
 80 11.6 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

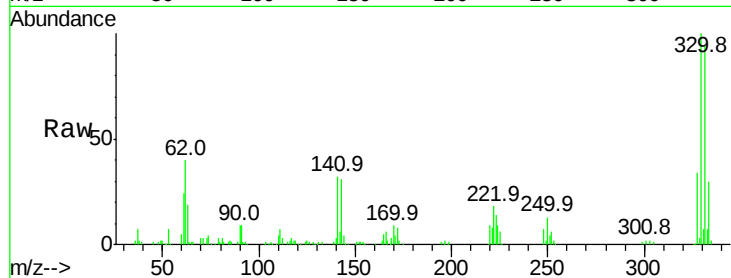




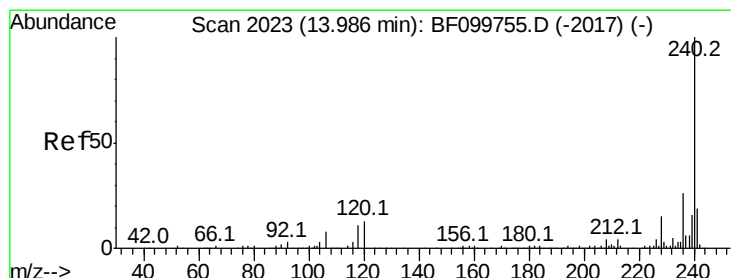
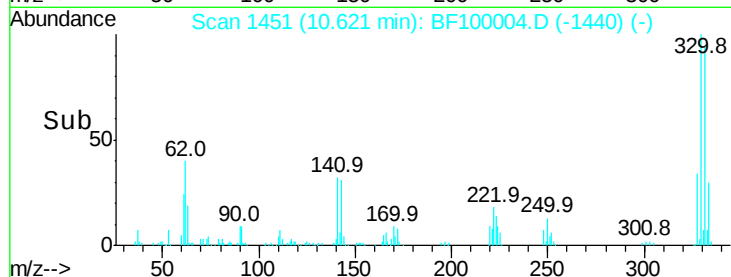
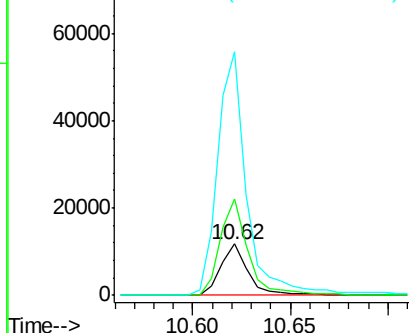
#66
 4-Bromophenyl-phenylether
 Concen: 3.138 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.24 min
 Lab File: BF100004.D
 Acq: 31 Oct 2017 15:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 11333
 Ion Ratio Lower Upper
 248 100
 250 186.9 76.9 115.3#
 141 473.4 74.4 111.6#

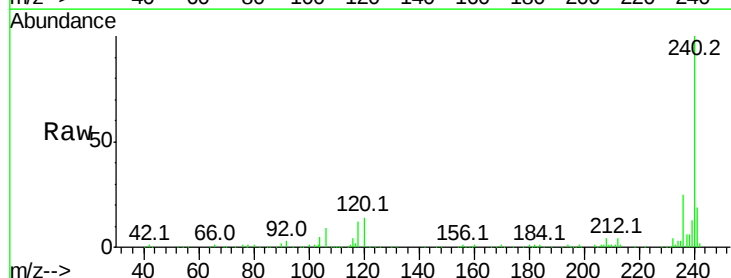


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

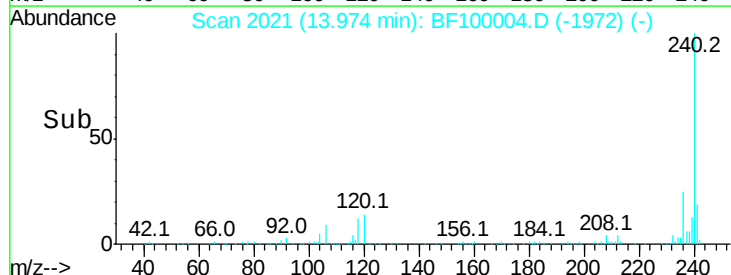
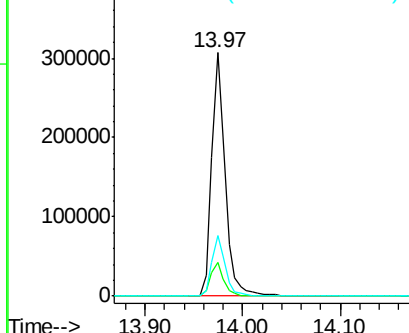


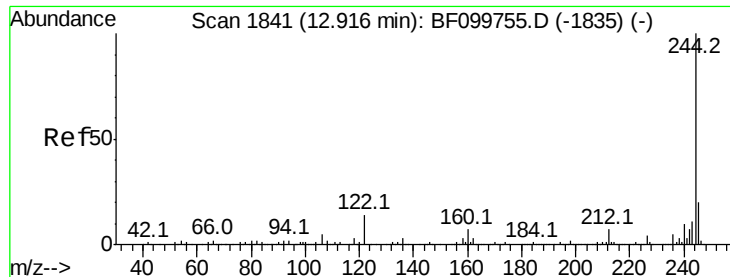
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF100004.D
 Acq: 31 Oct 2017 15:50

Tgt Ion:240 Resp: 295417
 Ion Ratio Lower Upper
 240 100
 120 13.6 9.5 14.3
 236 25.0 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: 64.914 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF100004.D

Acq: 31 Oct 2017 15:50

Instrument :

BNA_F

ClientSampled :

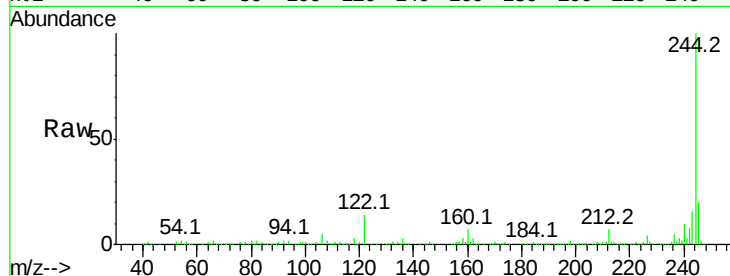
Tot Ion:244 Resp: 877504

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

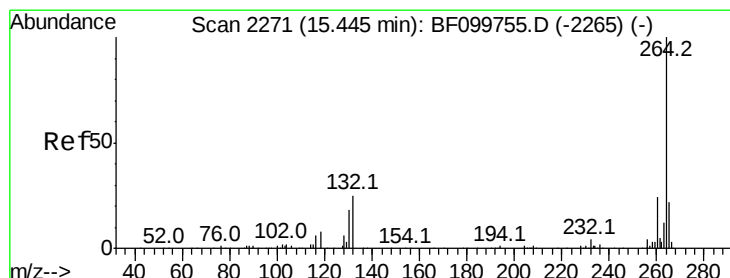
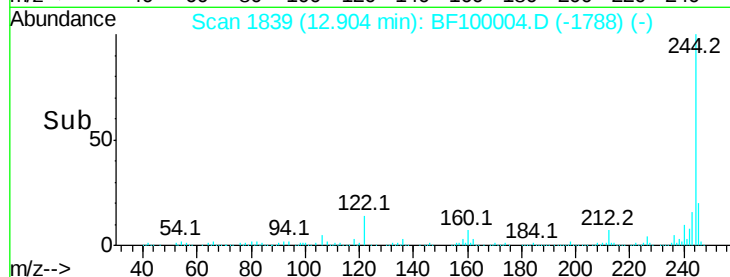
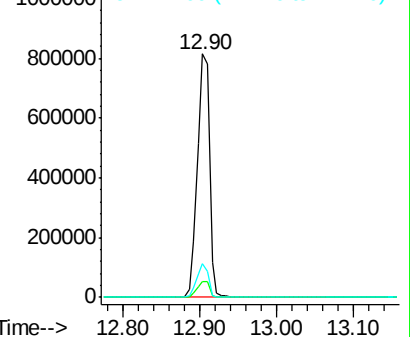
122 14.0 11.0 16.4



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# 2273

Delta R.T. -0.02 min

Lab File: BF100004.D

Acq: 31 Oct 2017 15:50

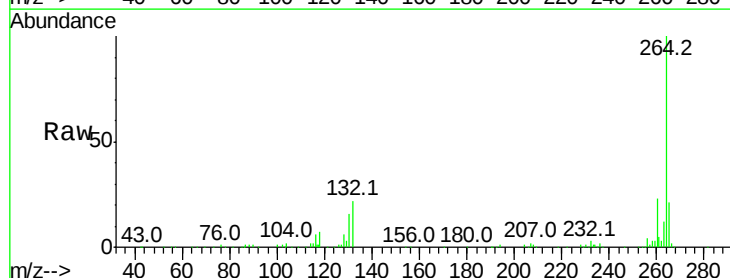
Tgt Ion:264 Resp: 226119

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.0 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

