

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100042.D
 Acq On : 1 Nov 2017 11:34
 Operator : SJ/JU
 Sample : I6226-08
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 14:10:15 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	74813	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	312844	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	144659	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	266921	20.00	ng	0.00
75) Chrysene-d12	13.98	240	167427	20.00	ng	0.00
86) Perylene-d12	15.48	264	126884	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	732430	153.70	ng	0.02
7) Phenol-d6	6.43	99	820678	145.25	ng	0.00
23) Nitrobenzene-d5	7.36	82	538780	110.88	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	219402	166.43	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1137109	121.28	ng	0.00
78) Terphenyl-d14	12.91	244	925456	120.80	ng	0.00

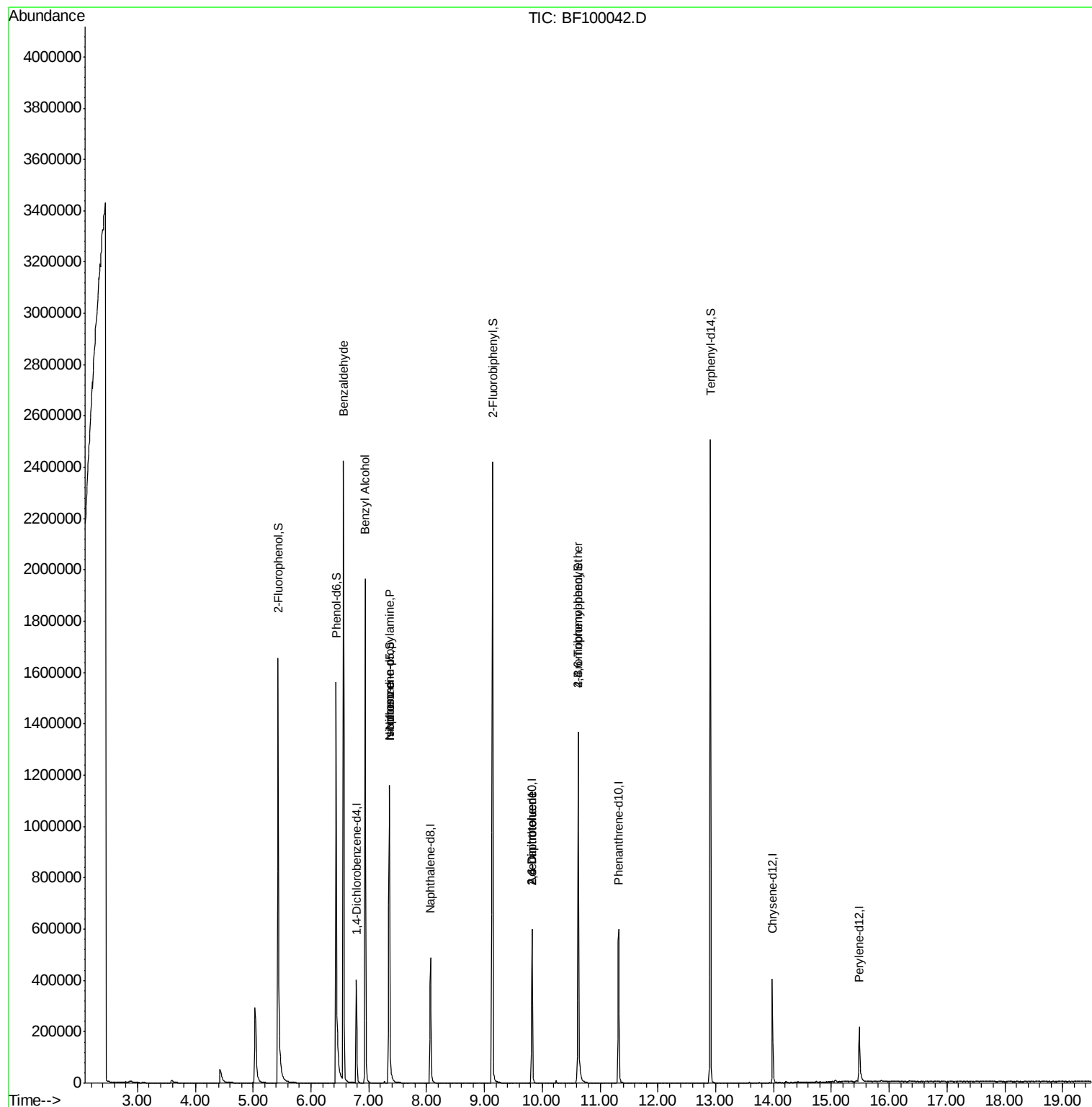
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.56	77	13092	3.878	ng	94
15) Benzyl Alcohol	6.94	79	7555	2.102	ng	# 35
19) n-Nitroso-di-n-propylamine	7.36	70	65624	19.819	ng	# 72
25) Isophorone	7.36	82	538777	61.103	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	18190	7.553	ng	# 24
56) 2,4-Dinitrotoluene	9.82	165	18190	6.272	ng	# 21
66) 4-Bromophenyl-phenylether	10.62	248	14150	5.036	ng	# 1

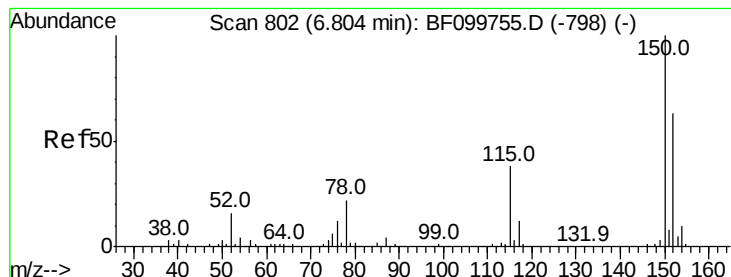
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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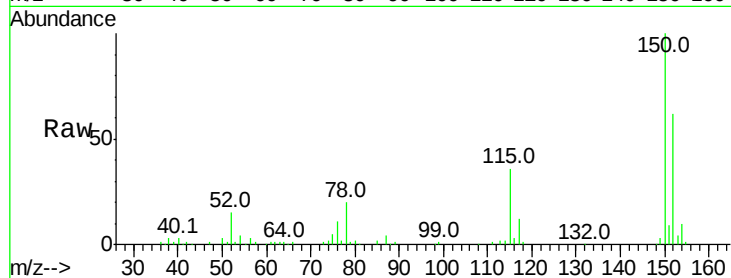


#1

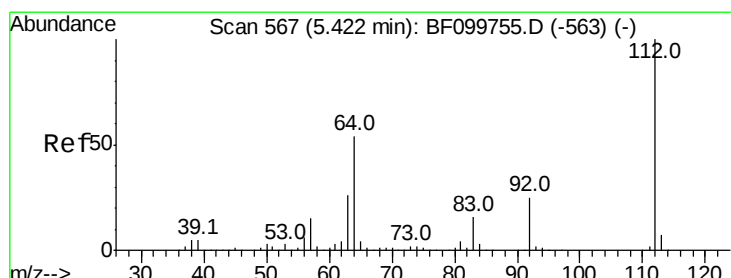
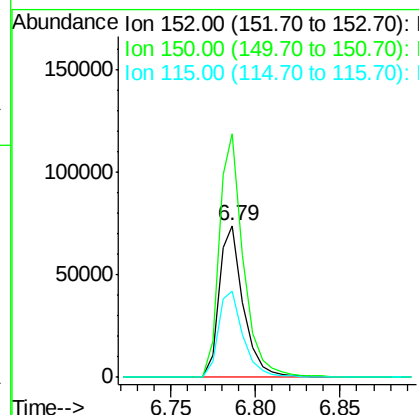
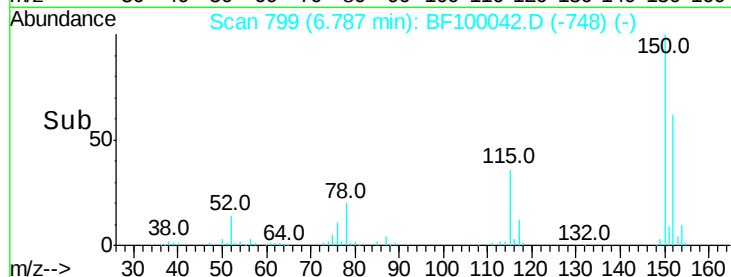
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF100042.D
Acq: 1 Nov 2017 11:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 74813
Ion Ratio Lower Upper
152 100
150 160.2 124.6 186.8
115 56.9 50.1 75.1



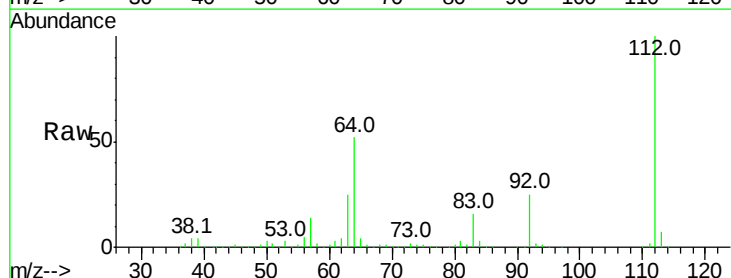
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



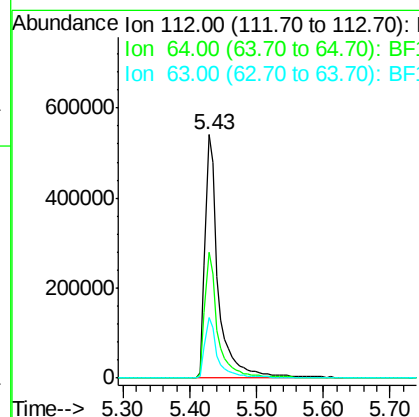
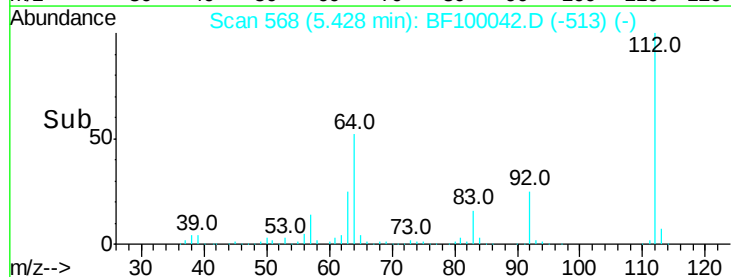
#5

2-Fluorophenol
Concen: 153.702 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF100042.D
Acq: 1 Nov 2017 11:34

Tgt Ion:112 Resp: 732430
Ion Ratio Lower Upper
112 100
64 51.7 47.9 71.9
63 24.8 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: 145.246 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF100042.D

Acq: 1 Nov 2017 11:34

Instrument :

BNA_F

ClientSampleId :

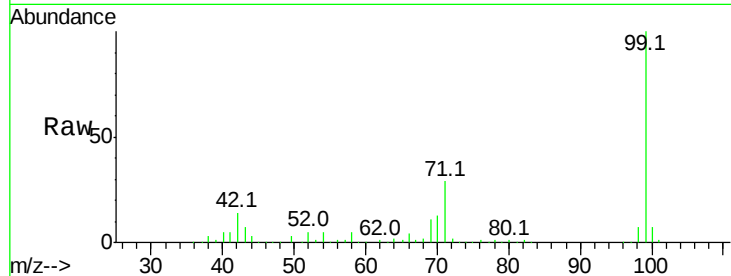
Tot Ion: 99 Resp: 820678

Ion Ratio Lower Upper

99 100

42 13.6 14.5 21.7#

71 29.0 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

6.43

800000

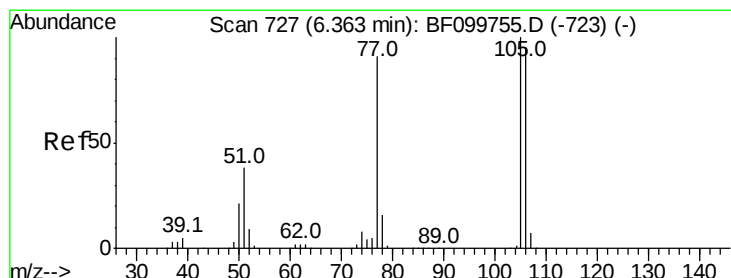
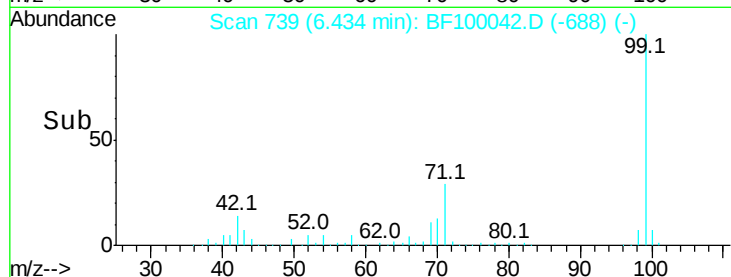
600000

400000

200000

0

Time-->



#9

Benzaldehyde

Concen: 3.878 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.21 min

Lab File: BF100042.D

Acq: 1 Nov 2017 11:34

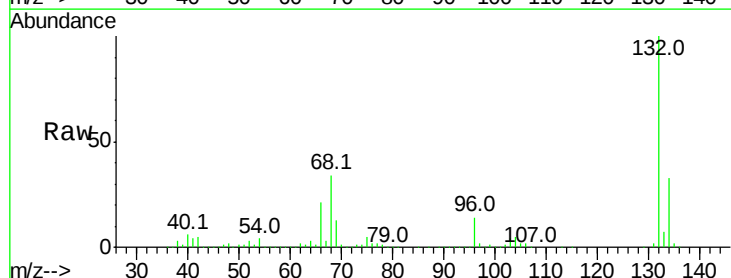
Tgt Ion: 77 Resp: 13092

Ion Ratio Lower Upper

77 100

105 89.0 81.1 121.1

106 94.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B

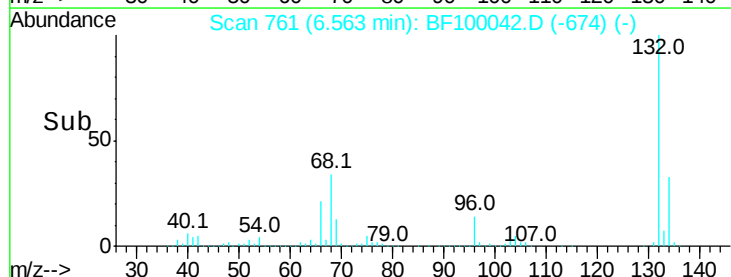
15000

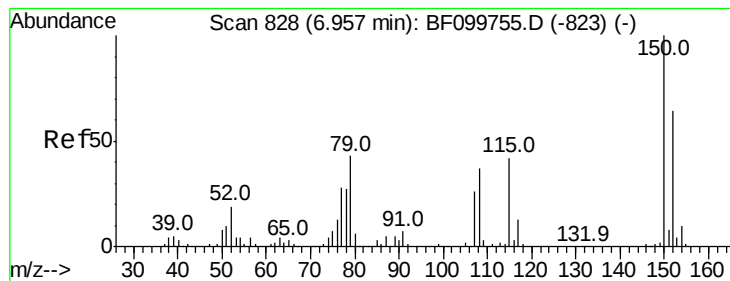
10000

5000

0

Time-->





#15

Benzyl Alcohol

Concen: 2.102 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF100042.D

Acq: 1 Nov 2017 11:34

Instrument :

BNA_F

ClientSampleId :

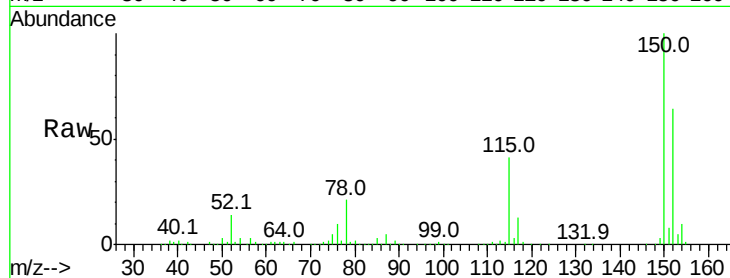
Tot Ion: 79 Resp: 7555

Ion Ratio Lower Upper

79 100

108 32.2 65.1 97.7#

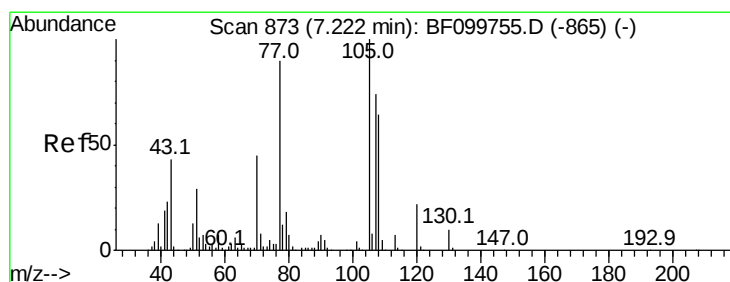
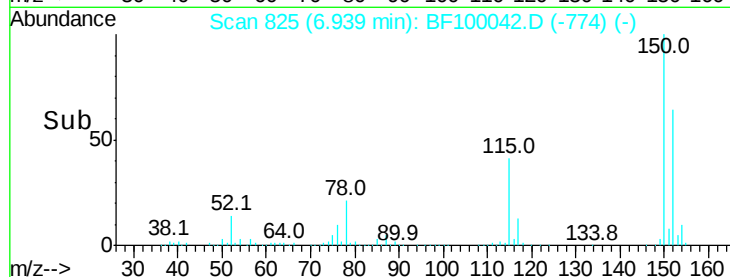
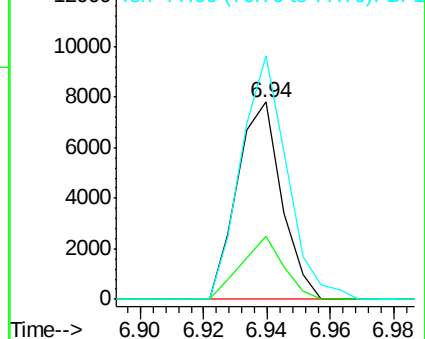
77 123.3 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 19.819 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF100042.D

Acq: 1 Nov 2017 11:34

Tgt Ion: 70 Resp: 65624

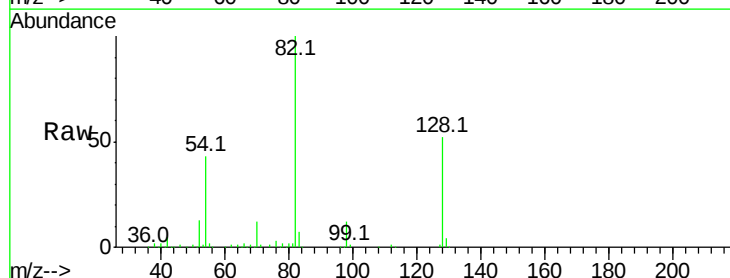
Ion Ratio Lower Upper

70 100

42 41.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

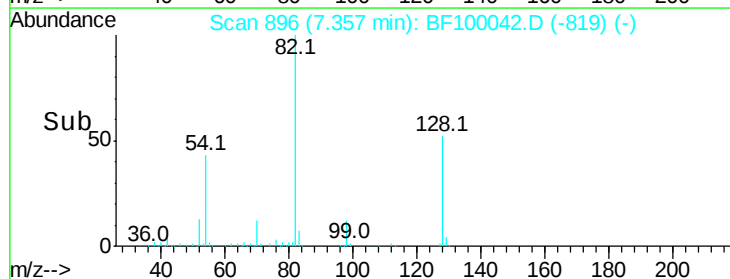
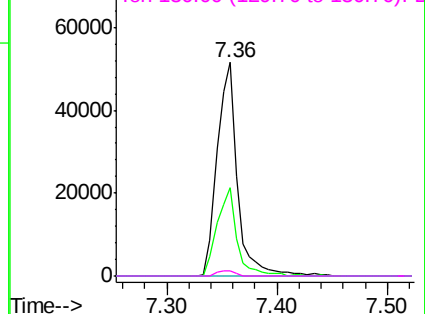


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

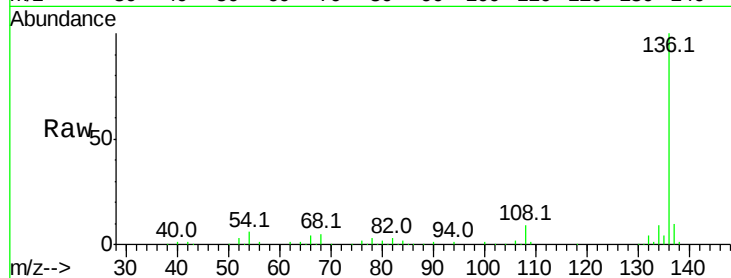




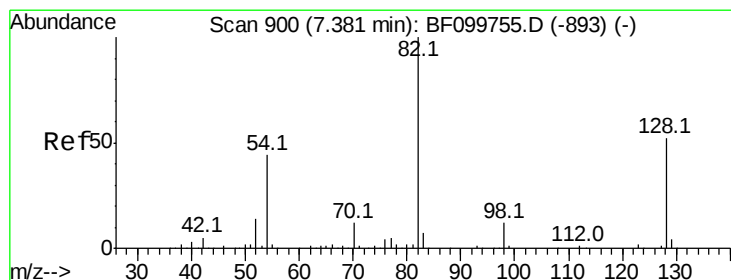
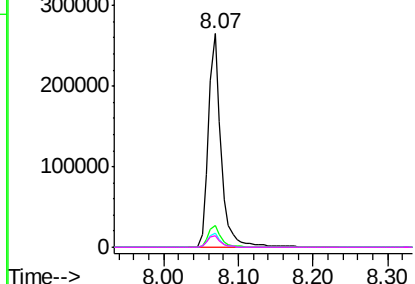
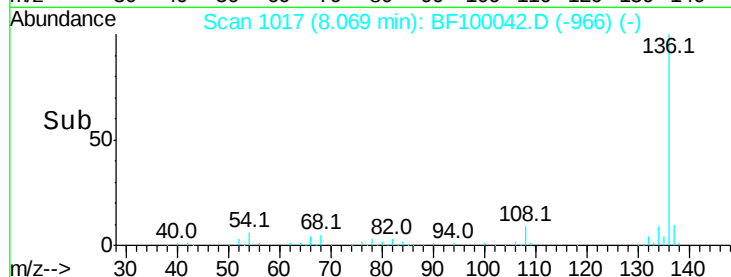
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF100042.D
Acq: 1 Nov 2017 11:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	312844
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	6.3	6.6	9.8#
68	5.2	5.0	7.4

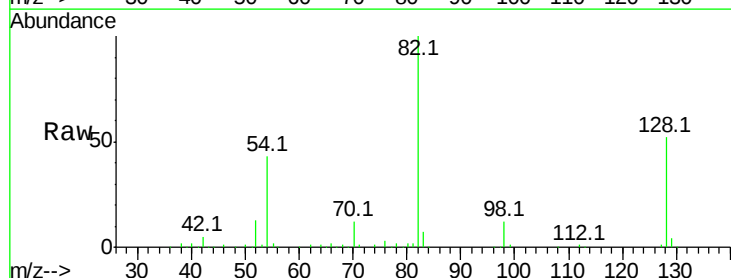


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

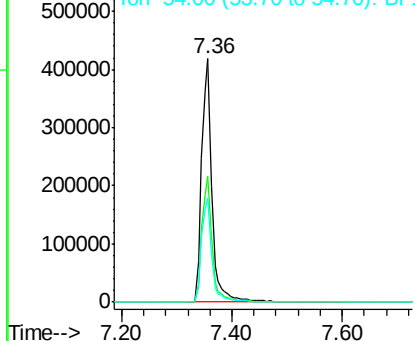
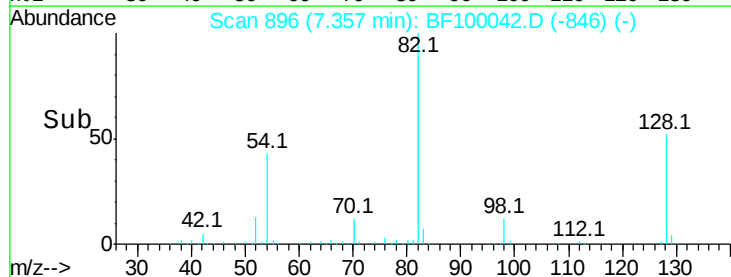


#23
Nitrobenzene-d5
Concen: 110.876 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF100042.D
Acq: 1 Nov 2017 11:34

Tgt Ion:	82	Resp:	538780
Ion	Ratio	Lower	Upper
82	100		
128	51.6	36.1	54.1
54	42.9	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

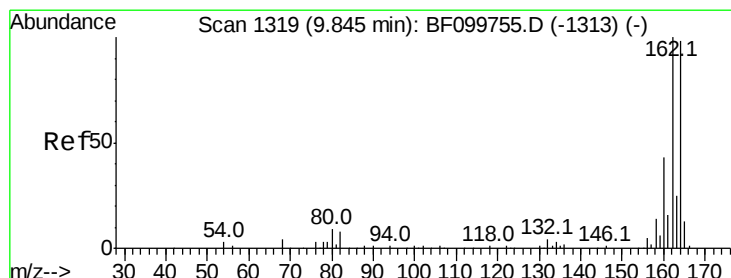
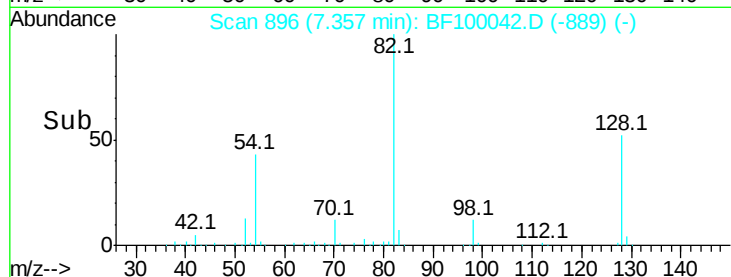
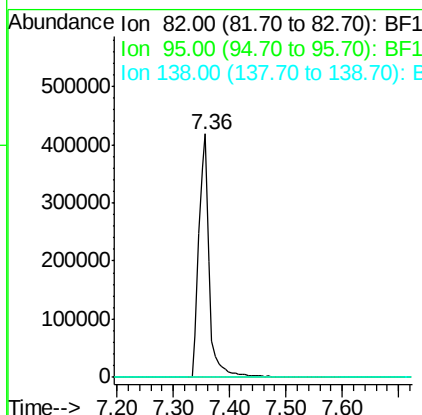
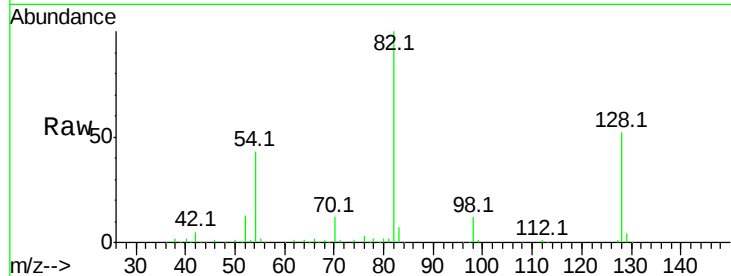




#25
Isophorone
Concen: 61.103 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF100042.D
Acq: 1 Nov 2017 11:34

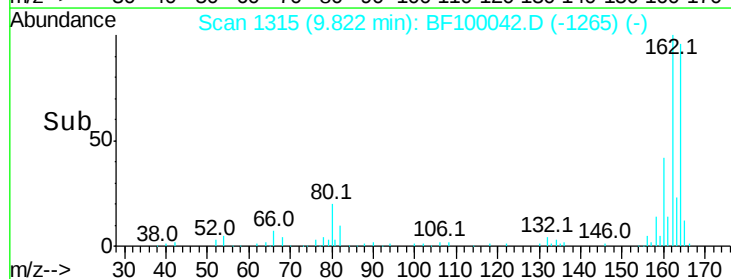
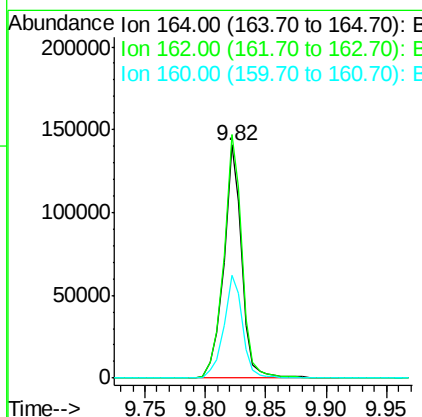
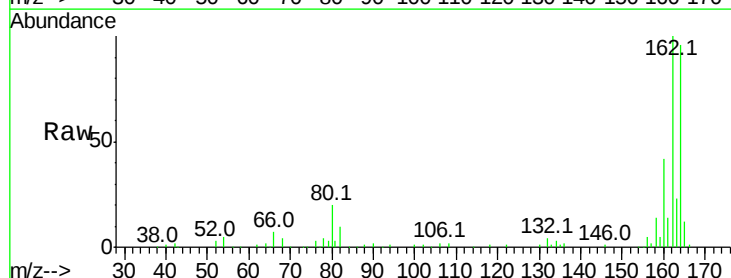
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 538777
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: BF100042.D
Acq: 1 Nov 2017 11:34

Tgt Ion:164 Resp: 144659
Ion Ratio Lower Upper
164 100
162 104.6 86.1 129.1
160 44.3 38.3 57.5

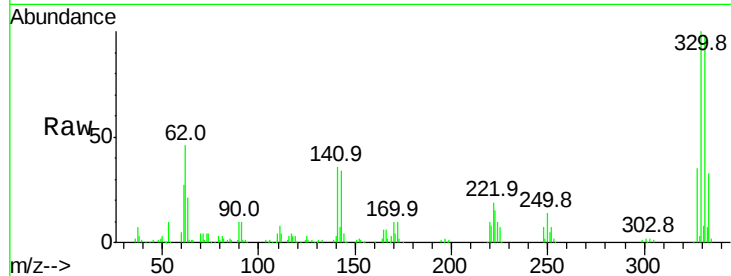




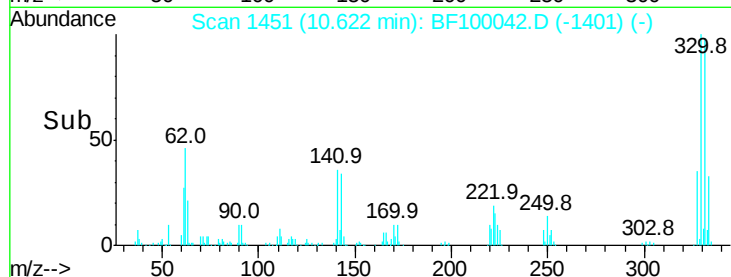
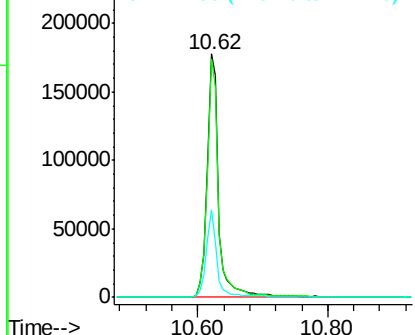
#41
 2,4,6-Tribromophenol
 Concen: 166.428 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF100042.D
 Acq: 1 Nov 2017 11:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 219402
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 33.8 29.9 44.9

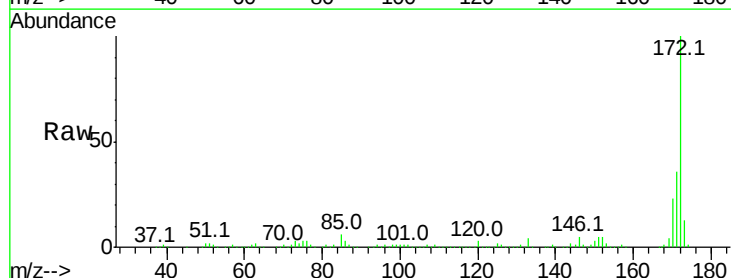


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

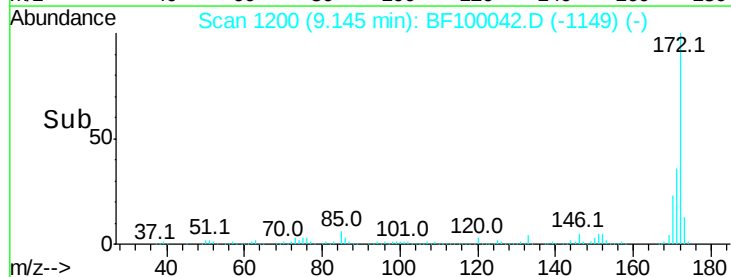
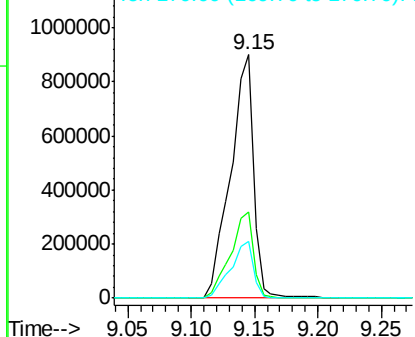


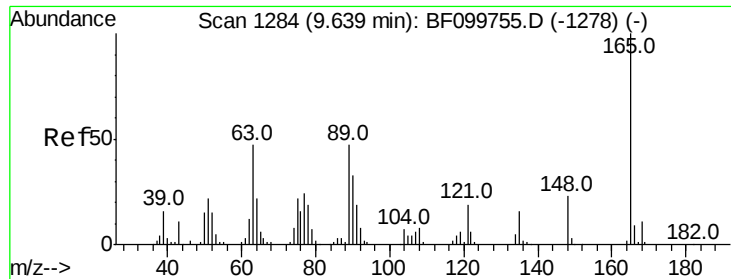
#44
 2-Fluorobiphenyl
 Concen: 121.277 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF100042.D
 Acq: 1 Nov 2017 11:34

Tgt Ion:172 Resp: 1137109
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 23.4 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

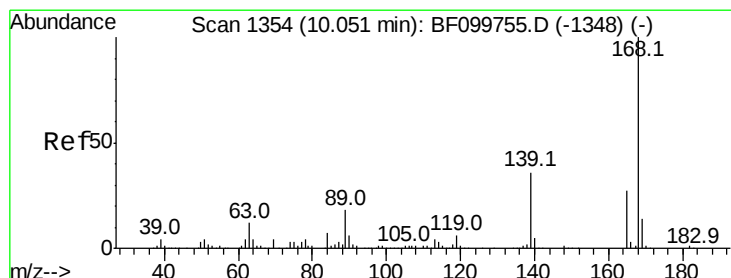
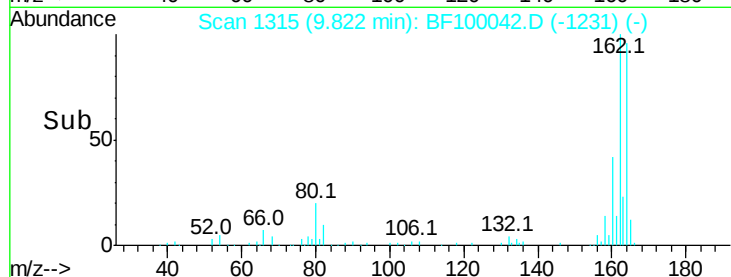
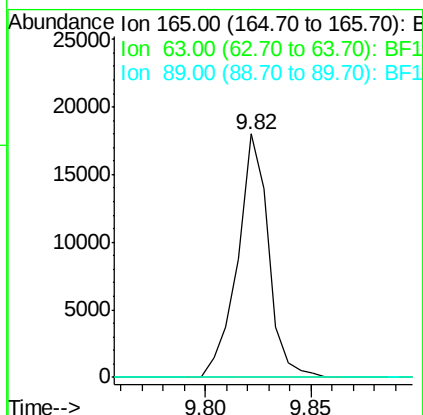
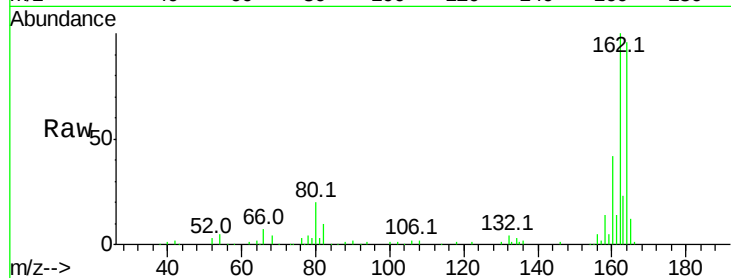




#50
 2,6-Dinitrotoluene
 Concen: 7.553 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.19 min
 Lab File: BF100042.D
 Acq: 1 Nov 2017 11:34

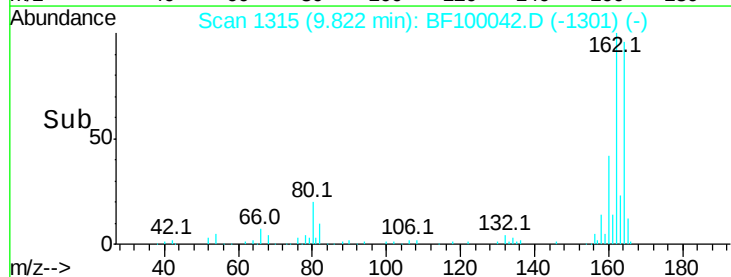
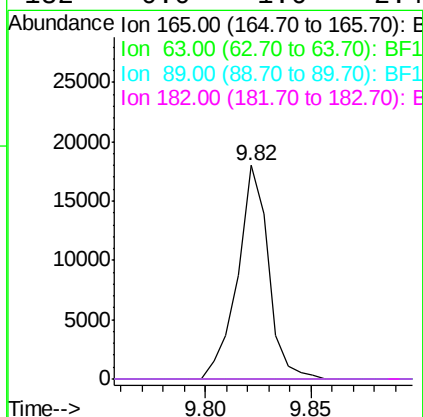
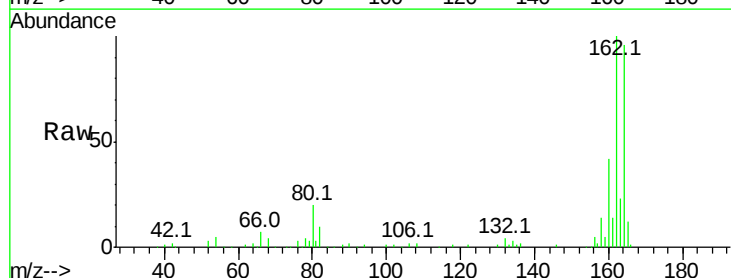
Instrument :
 BNA_F
 ClientSampleId :

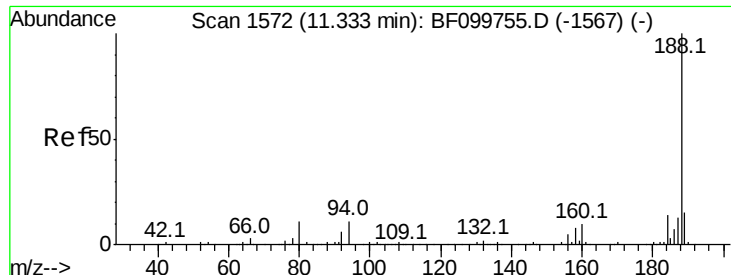
Tot Ion:	165	Resp:	18190
Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.272 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.22 min
 Lab File: BF100042.D
 Acq: 1 Nov 2017 11:34

Tgt Ion:	165	Resp:	18190
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#

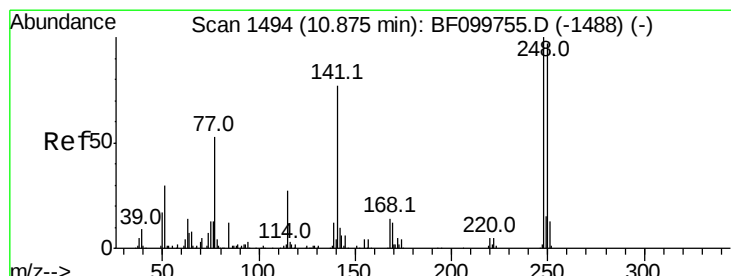
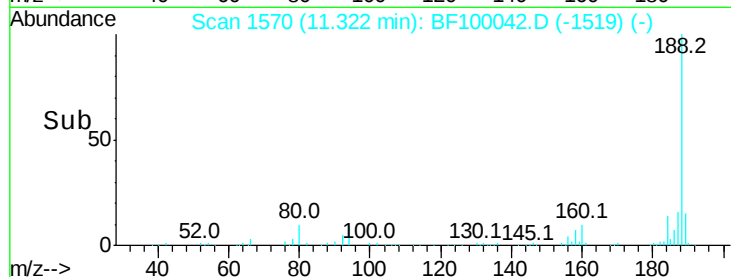
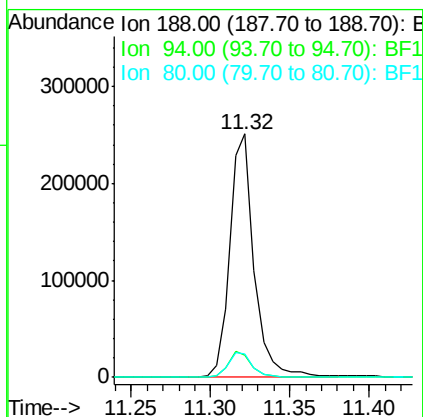
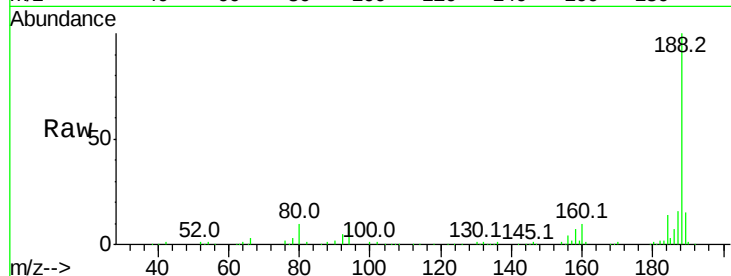




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF100042.D
Acq: 1 Nov 2017 11:34

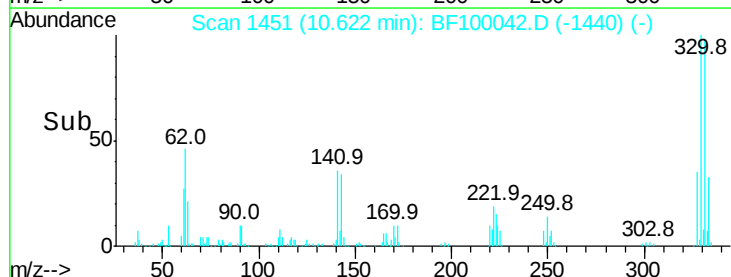
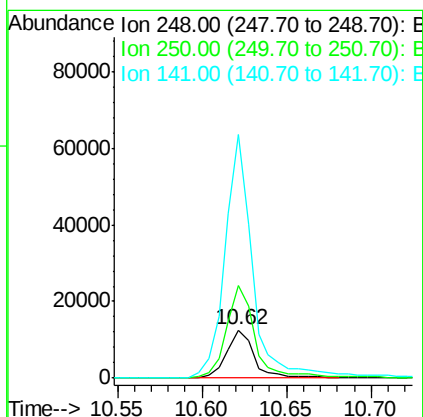
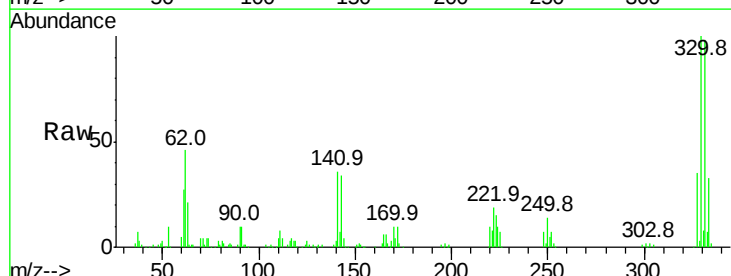
Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 266921
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 9.6 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 5.036 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.24 min
Lab File: BF100042.D
Acq: 1 Nov 2017 11:34

Tgt Ion:248 Resp: 14150
Ion Ratio Lower Upper
248 100
250 192.0 76.9 115.3#
141 507.7 74.4 111.6#

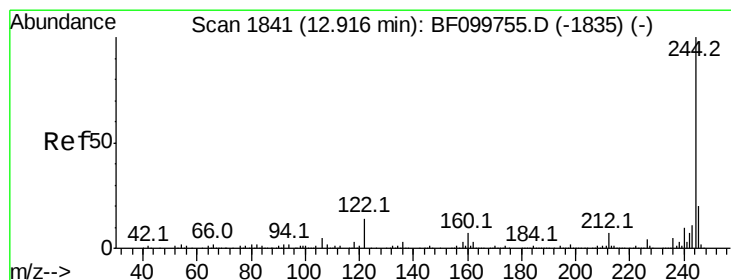
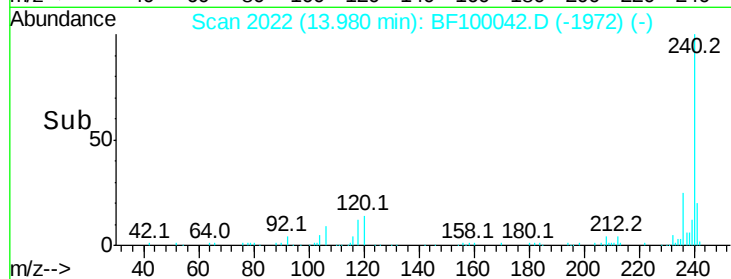
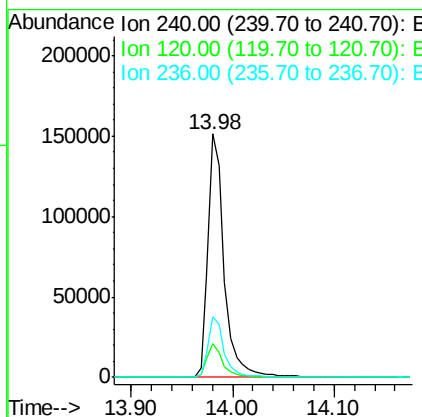
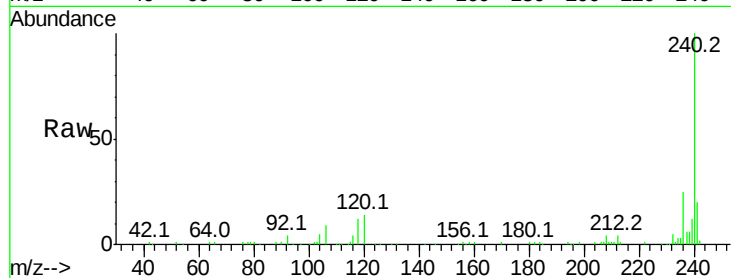




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF100042.D
Acq: 1 Nov 2017 11:34

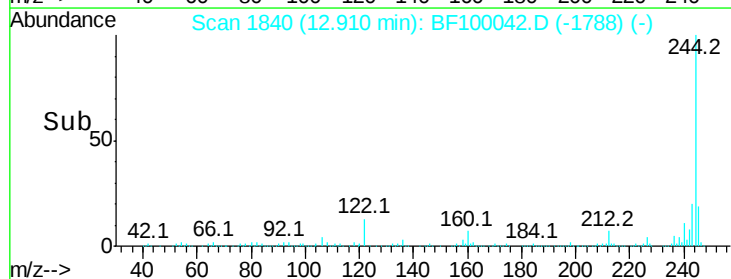
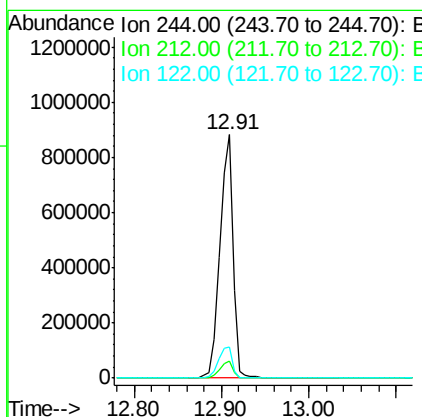
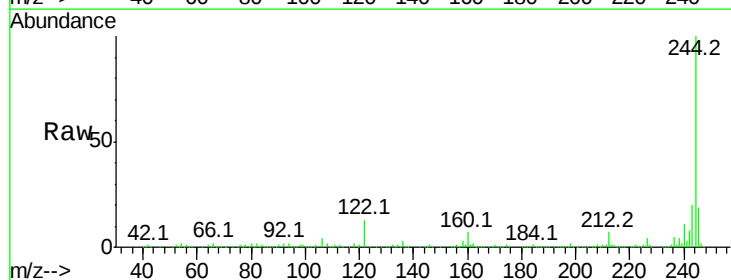
Instrument :
BNA_F
ClientSampleId :

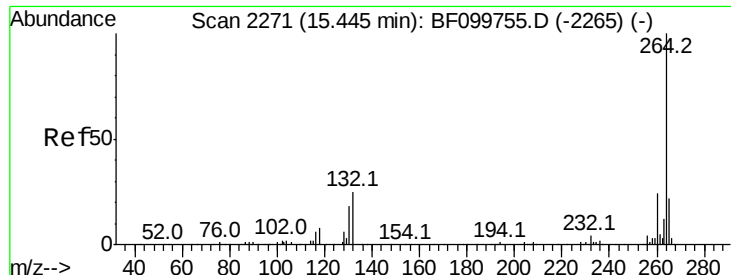
Tot Ion:240 Resp: 167427
Ion Ratio Lower Upper
240 100
120 14.1 9.5 14.3
236 24.8 20.7 31.1



#78
Terphenyl-d14
Concen: 120.797 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF100042.D
Acq: 1 Nov 2017 11:34

Tgt Ion:244 Resp: 925456
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 12.8 11.0 16.4

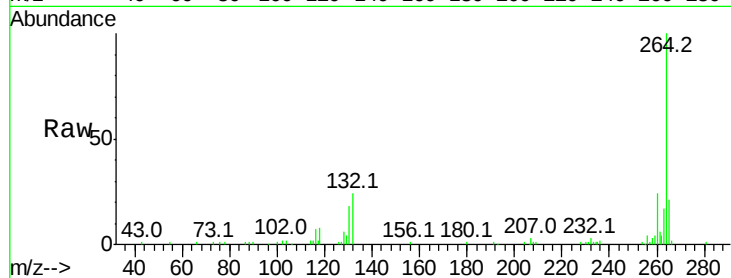




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. 0.01 min
 Lab File: BF100042.D
 Acq: 1 Nov 2017 11:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 126884
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.3 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

