

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100034.D
 Acq On : 1 Nov 2017 8:10
 Operator : SJ/JU
 Sample : I6094-05
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 11:06:37 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

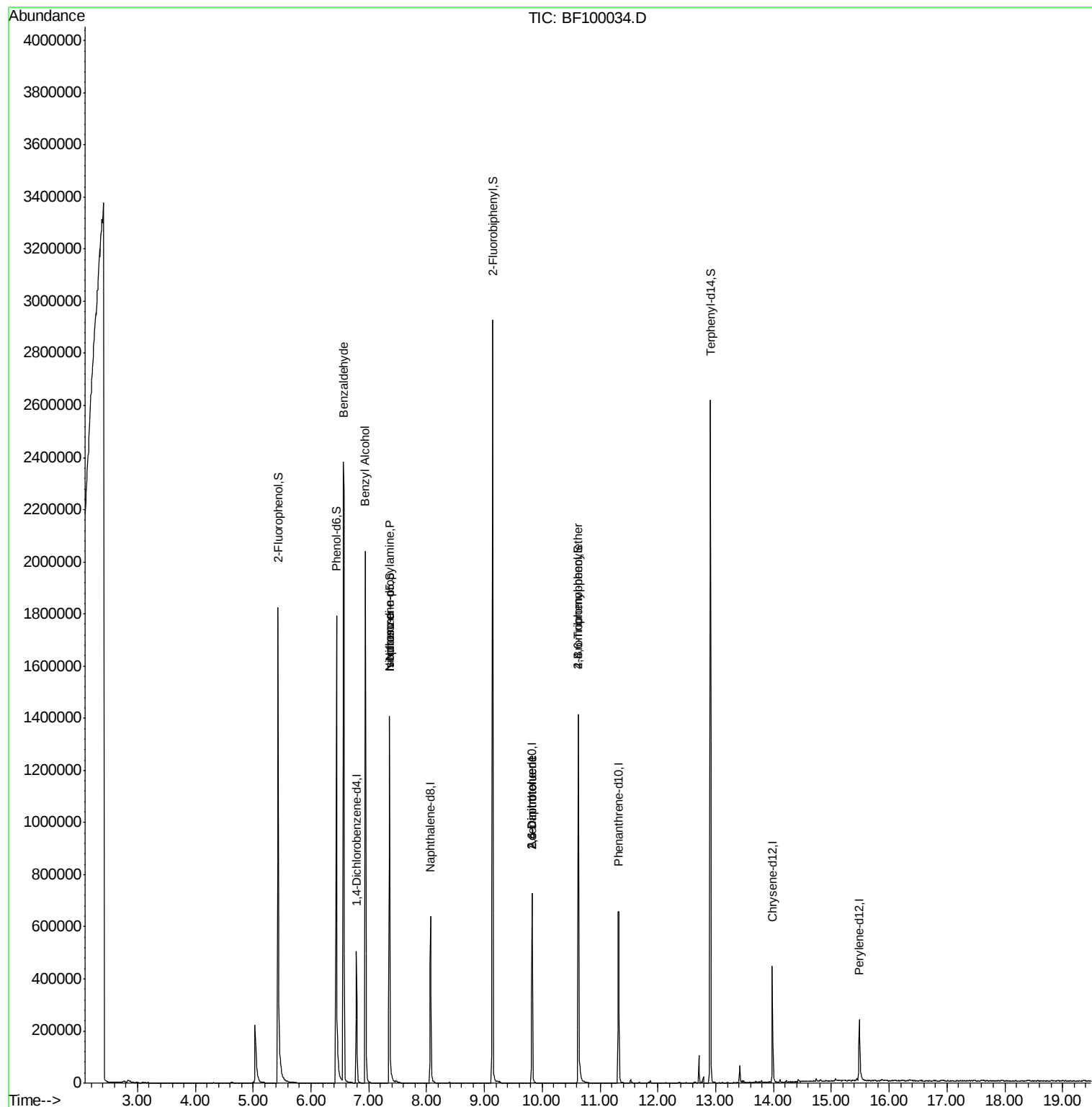
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	82672	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	340653	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	158526	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	285930	20.00	ng	0.00
75) Chrysene-d12	13.98	240	171476	20.00	ng	0.00
86) Perylene-d12	15.48	264	143414	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	754278	143.24	ng	0.02
7) Phenol-d6	6.44	99	813249	130.25	ng	0.00
23) Nitrobenzene-d5	7.36	82	571062	107.93	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	234366	162.23	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1163592	113.25	ng	0.00
78) Terphenyl-d14	12.91	244	967508	123.30	ng	0.00
Target Compounds						
9) Benzaldehyde	6.56	77	14006	3.754	ng	85
15) Benzyl Alcohol	6.94	79	8083	2.036	ng	# 41
19) n-Nitroso-di-n-propylamine	7.36	70	70841	19.361	ng	# 71
25) Isophorone	7.36	82	571135	59.485	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	19223	7.284	ng	# 25
56) 2,4-Dinitrotoluene	9.82	165	19223	6.048	ng	# 22
66) 4-Bromophenyl-phenylether	10.63	248	14748	4.899	ng	# 1

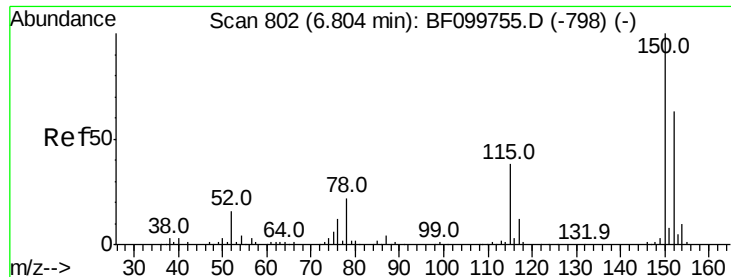
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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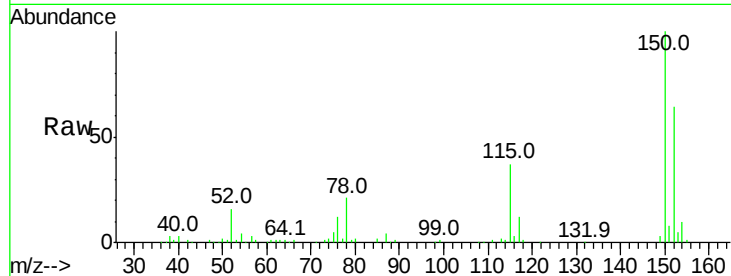


#1

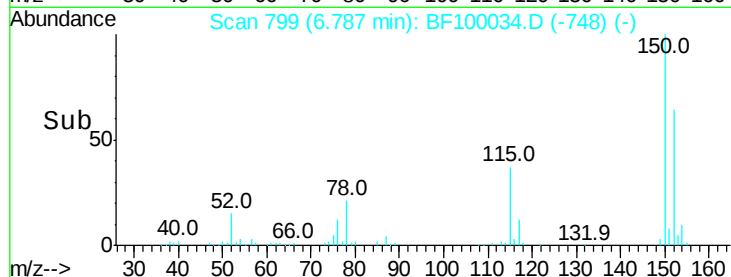
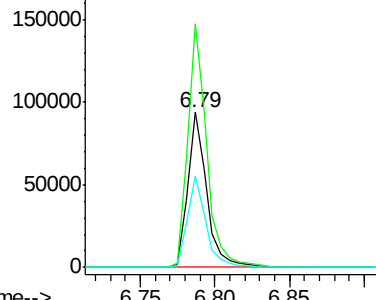
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF100034.D
Acq: 1 Nov 2017 8:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 82672
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 58.6 50.1 75.1



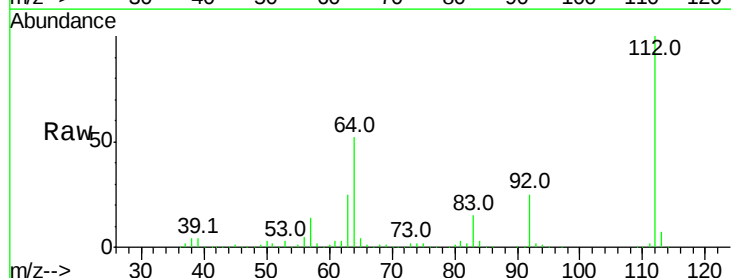
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



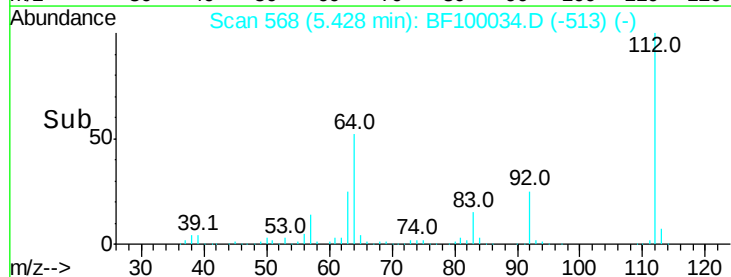
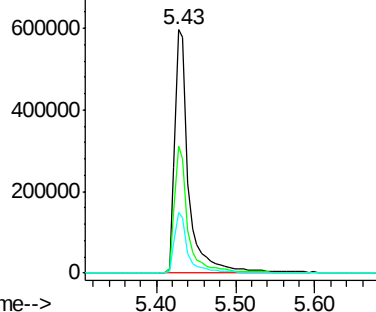
#5

2-Fluorophenol
Concen: 143.240 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF100034.D
Acq: 1 Nov 2017 8:10

Tgt Ion:112 Resp: 754278
Ion Ratio Lower Upper
112 100
64 52.0 47.9 71.9
63 24.9 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: 130.249 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF100034.D

Acq: 1 Nov 2017 8:10

Instrument :

BNA_F

ClientSampled :

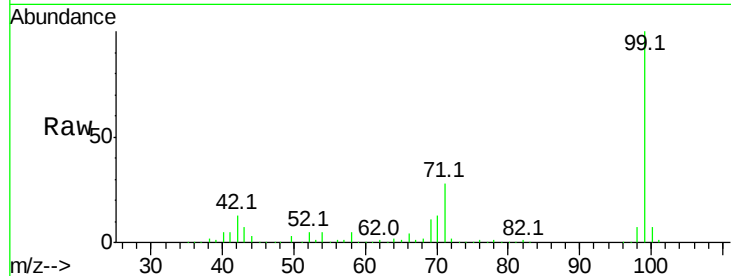
Tot Ion: 99 Resp: 813249

Ion Ratio Lower Upper

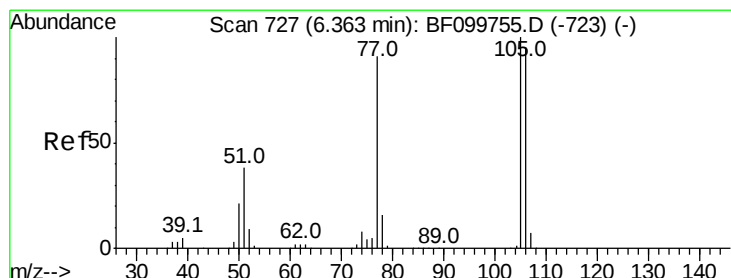
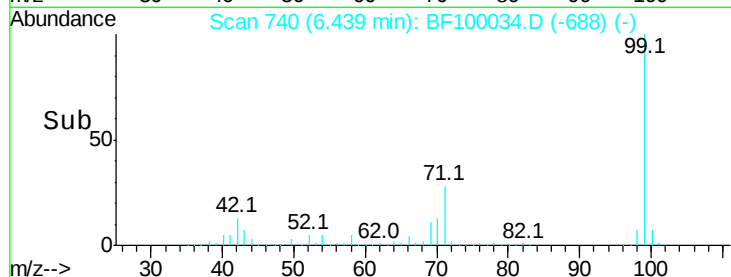
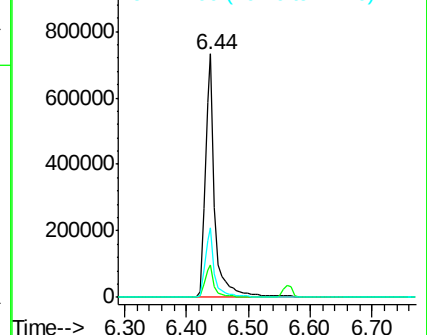
99 100

42 13.3 14.5 21.7#

71 28.5 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: 3.754 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.21 min

Lab File: BF100034.D

Acq: 1 Nov 2017 8:10

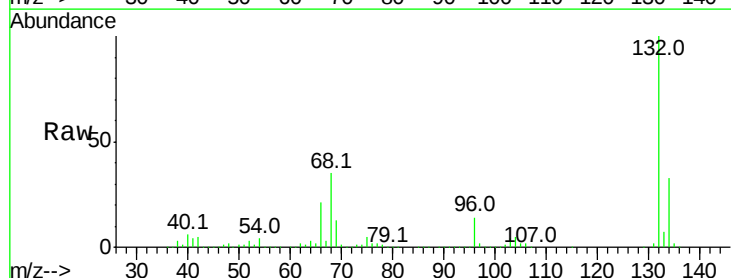
Tgt Ion: 77 Resp: 14006

Ion Ratio Lower Upper

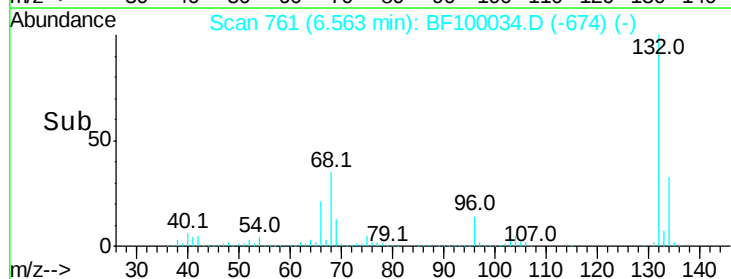
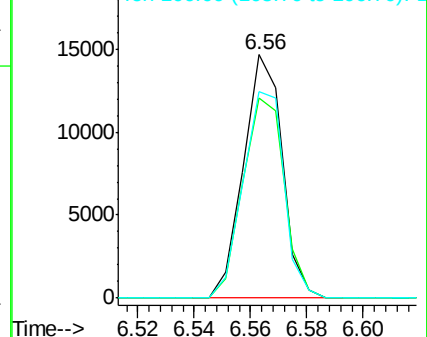
77 100

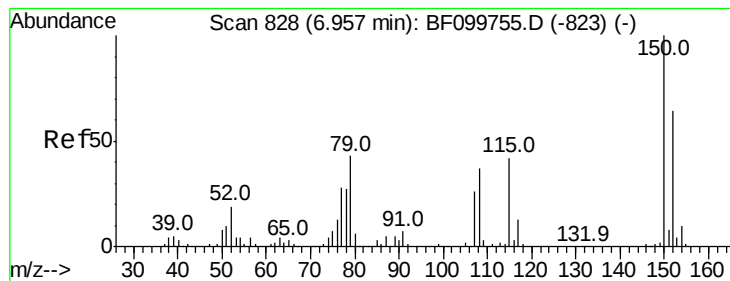
105 82.0 81.1 121.1

106 84.9 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





#15

Benzyl Alcohol

Concen: 2.036 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF100034.D

Acq: 1 Nov 2017 8:10

Instrument :

BNA_F

ClientSampleId :

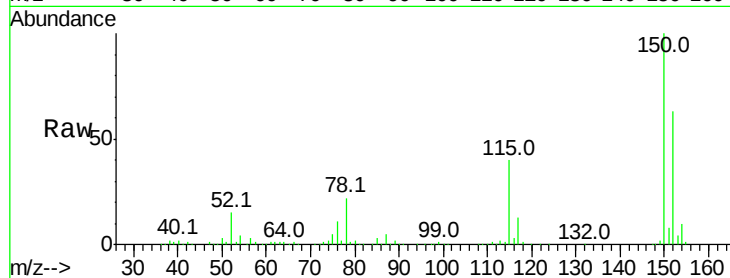
Tot Ion: 79 Resp: 8083

Ion Ratio Lower Upper

79 100

108 34.8 65.1 97.7#

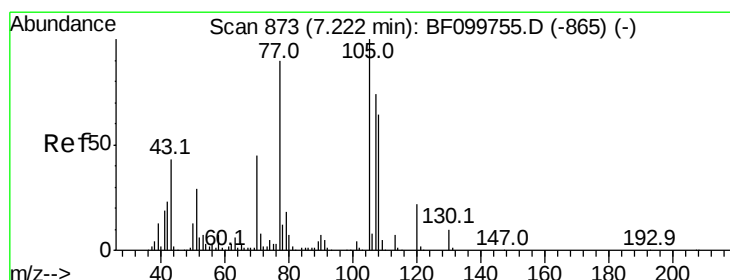
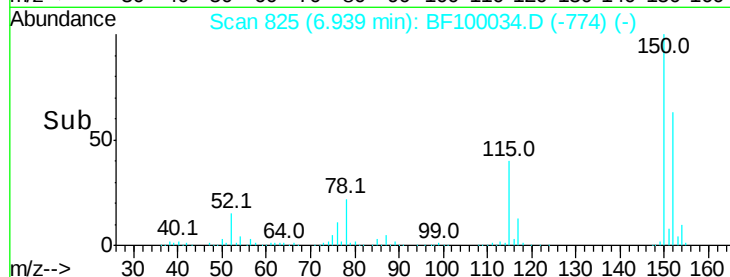
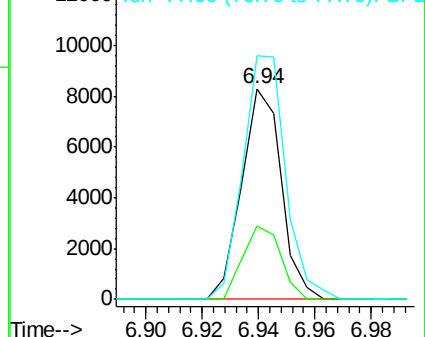
77 115.8 50.6 75.8#



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: 19.361 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF100034.D

Acq: 1 Nov 2017 8:10

Tgt Ion: 70 Resp: 70841

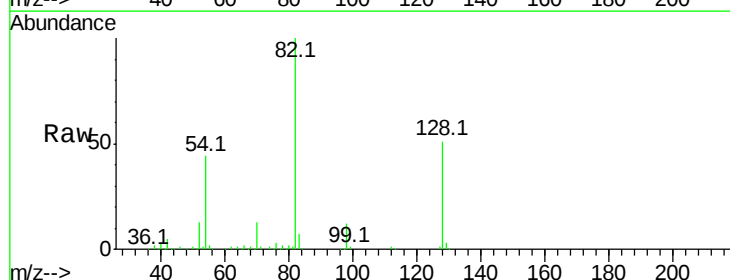
Ion Ratio Lower Upper

70 100

42 40.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

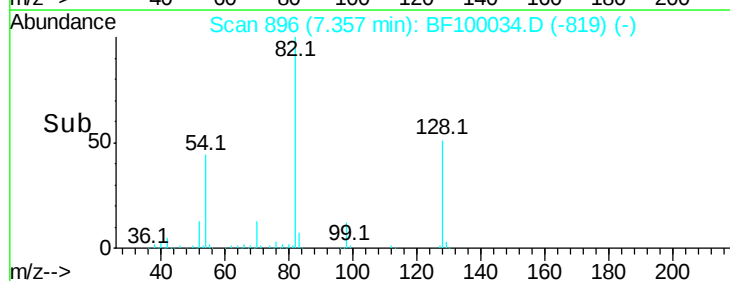
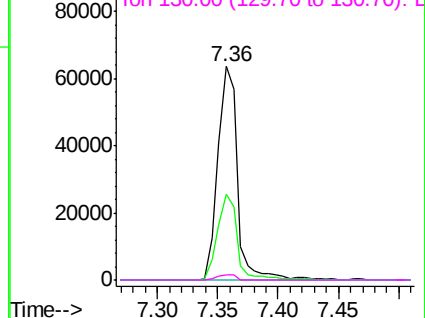


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

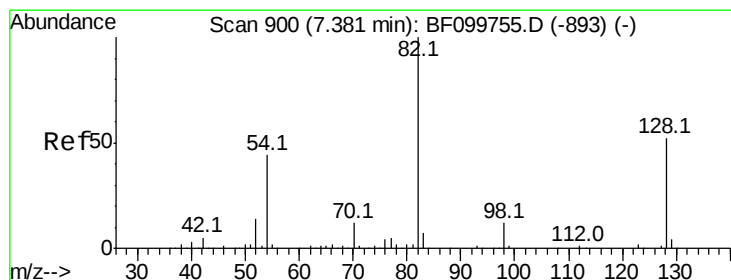
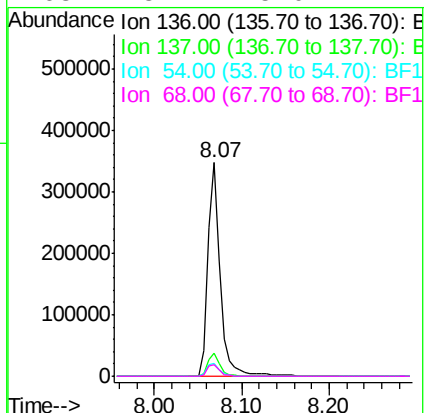
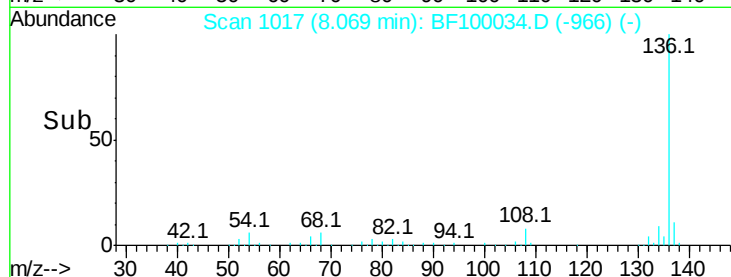
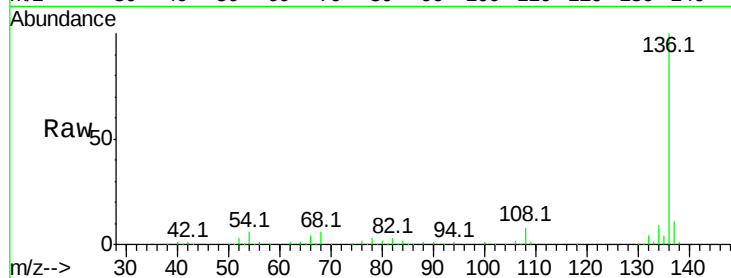




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF100034.D
Acq: 1 Nov 2017 8:10

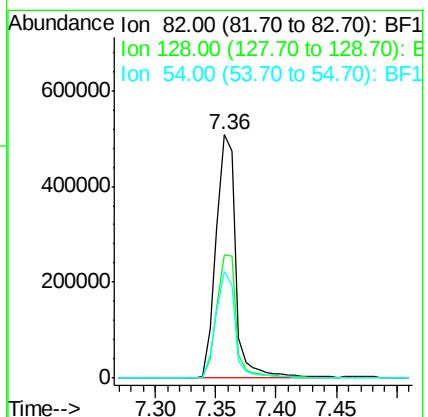
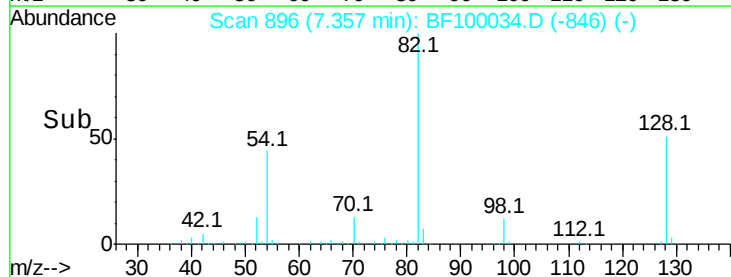
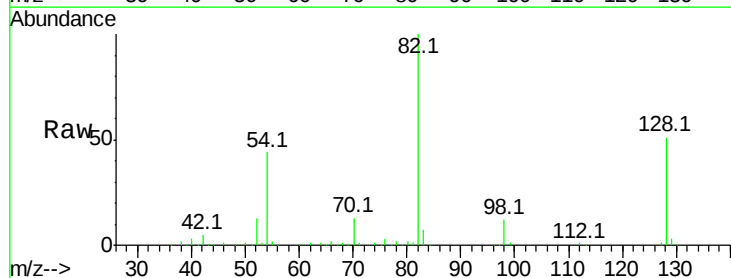
Instrument :
BNA_F
ClientSampleId :

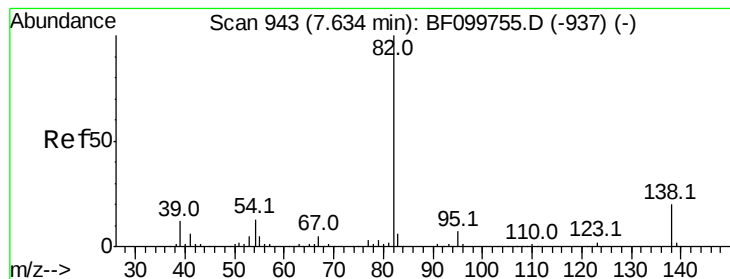
Tot Ion:	136	Resp:	340653
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.2	6.6	9.8#
68	5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 107.926 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF100034.D
Acq: 1 Nov 2017 8:10

Tgt Ion:	82	Resp:	571062
Ion	Ratio	Lower	Upper
82	100		
128	50.8	36.1	54.1
54	43.8	41.4	62.2





#25

Isophorone

Concen: 59.485 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF100034.D

Acq: 1 Nov 2017 8:10

Instrument :

BNA_F

ClientSampleId :

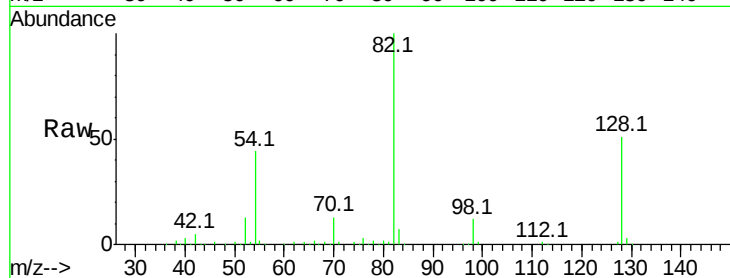
Tot Ion: 82 Resp: 571135

Ion Ratio Lower Upper

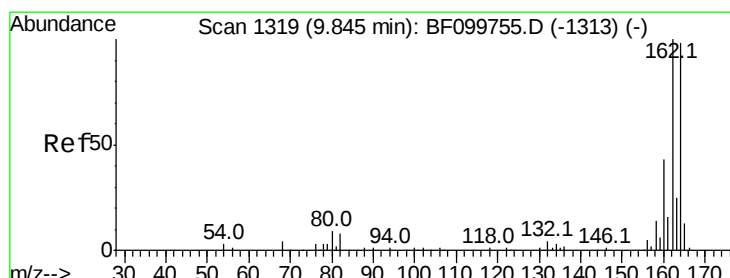
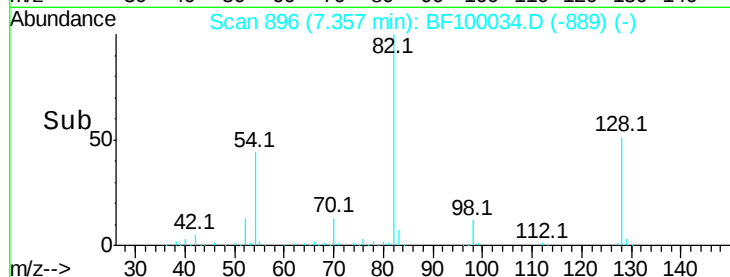
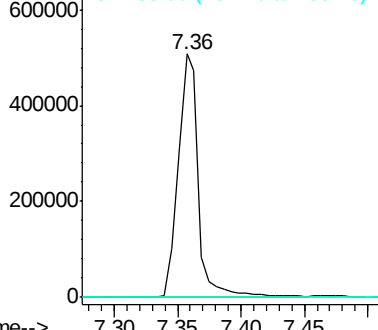
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF100034.D

Acq: 1 Nov 2017 8:10

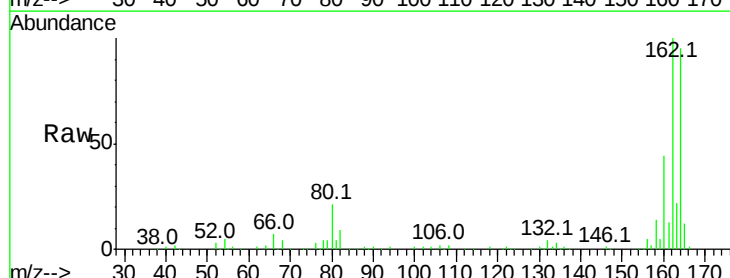
Tgt Ion:164 Resp: 158526

Ion Ratio Lower Upper

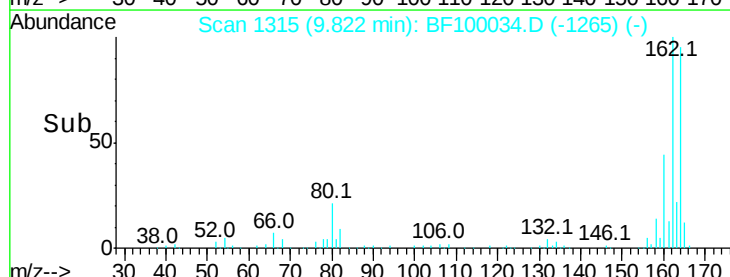
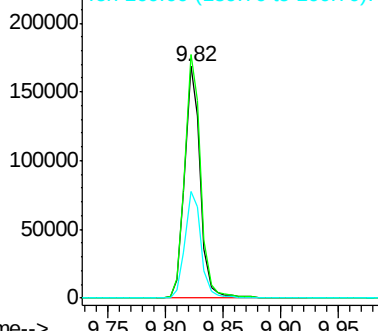
164 100

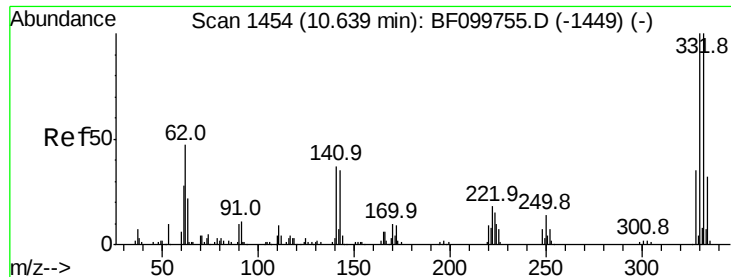
162 105.1 86.1 129.1

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

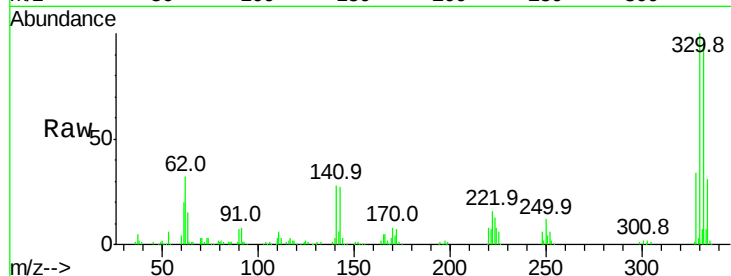




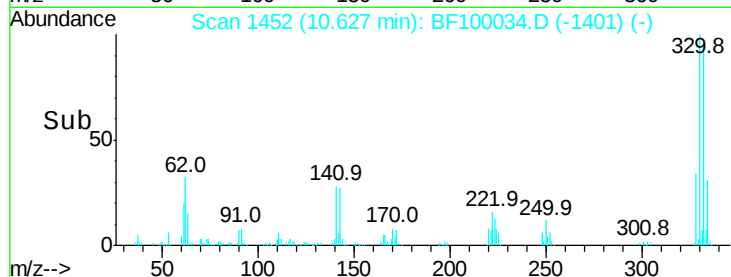
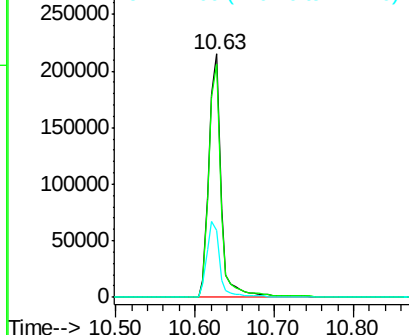
#41
 2,4,6-Tribromophenol
 Concen: 162.228 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF100034.D
 Acq: 1 Nov 2017 8:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	33.4	29.9	44.9

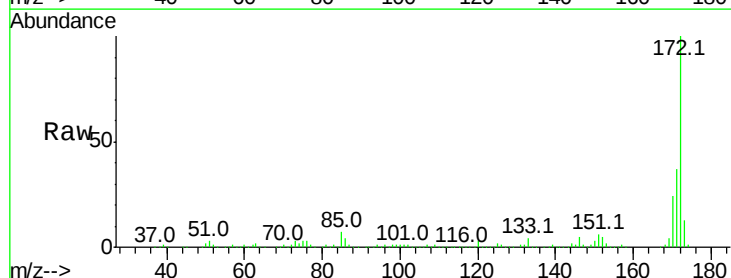


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

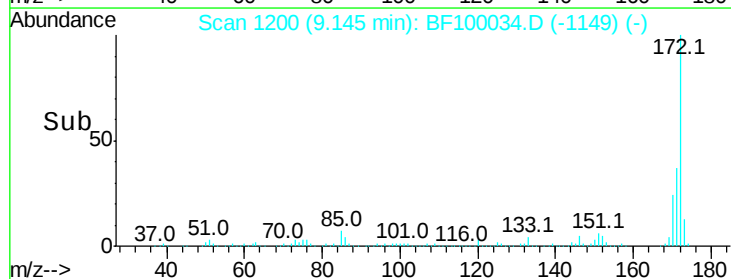
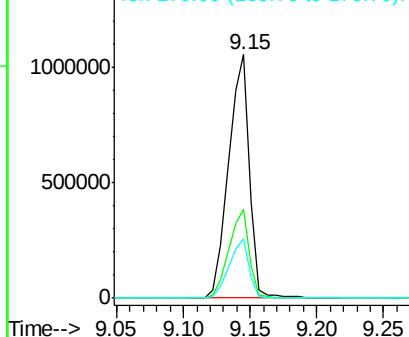


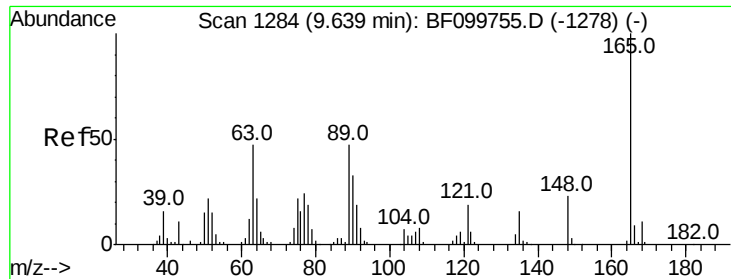
#44
 2-Fluorobiphenyl
 Concen: 113.245 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF100034.D
 Acq: 1 Nov 2017 8:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.3	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

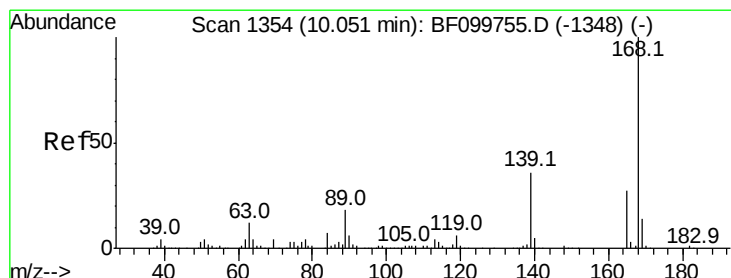
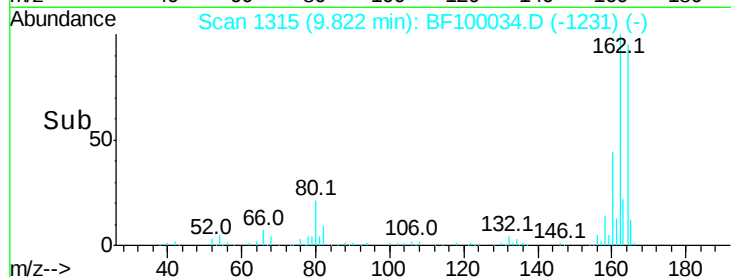
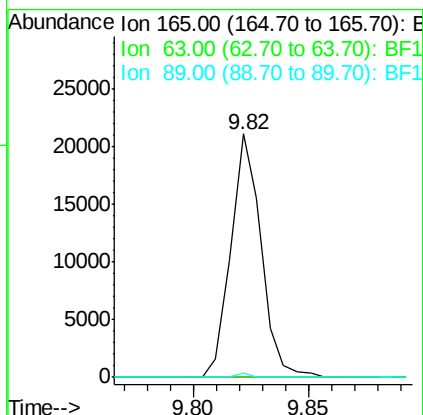
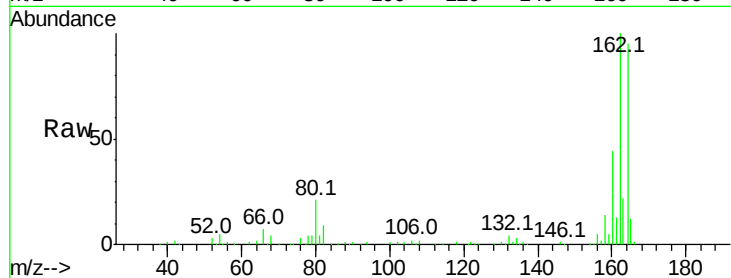




#50
 2,6-Dinitrotoluene
 Concen: 7.284 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.19 min
 Lab File: BF100034.D
 Acq: 1 Nov 2017 8:10

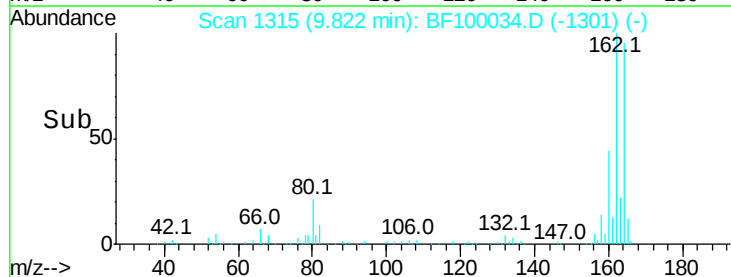
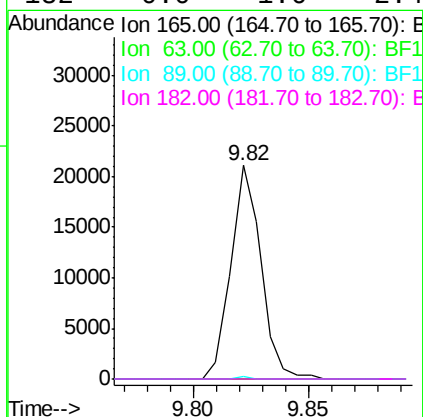
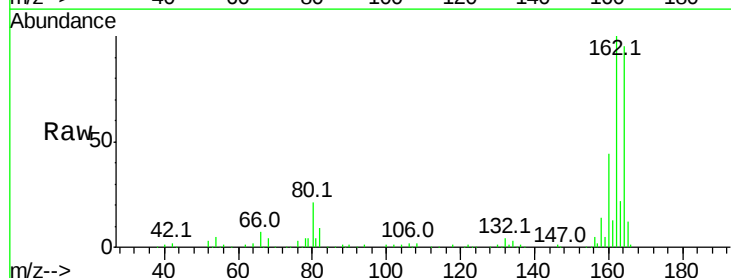
Instrument :
 BNA_F
 ClientSampleId :

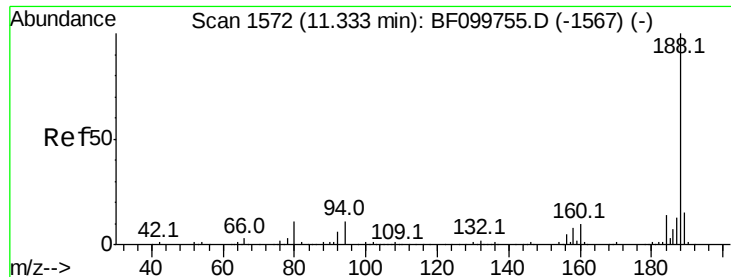
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.5	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.048 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.22 min
 Lab File: BF100034.D
 Acq: 1 Nov 2017 8:10

Tgt 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#

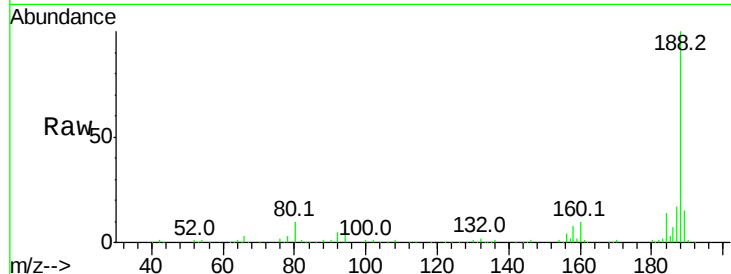




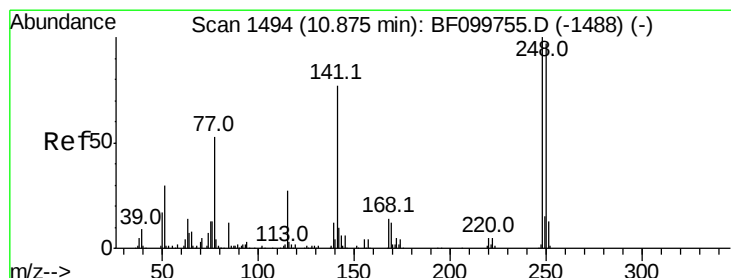
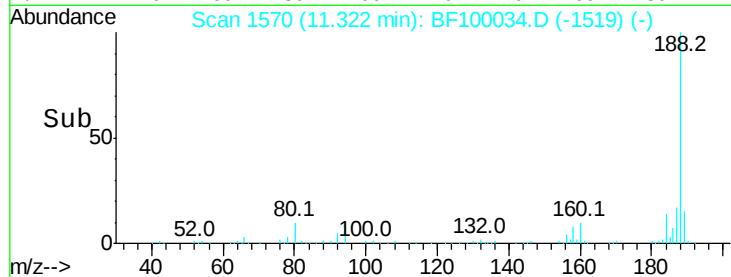
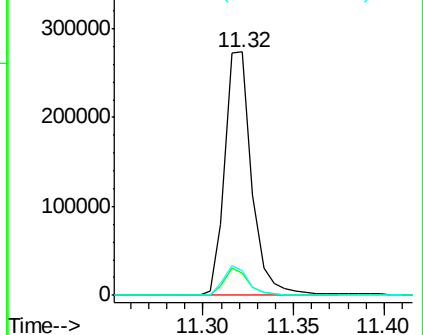
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF100034.D
Acq: 1 Nov 2017 8:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 285930
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 9.9 9.2 13.8

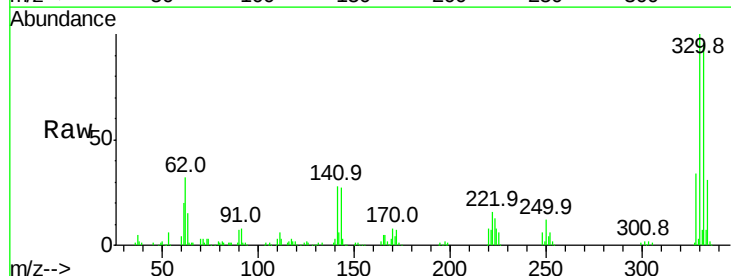


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

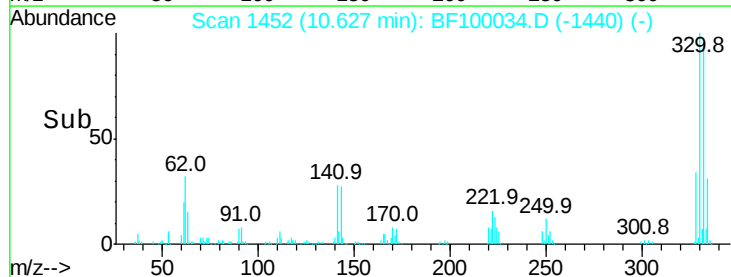
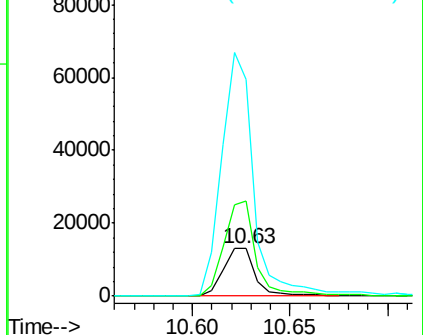


#66
4-Bromophenyl-phenylether
Concen: 4.899 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.23 min
Lab File: BF100034.D
Acq: 1 Nov 2017 8:10

Tgt Ion:248 Resp: 14748
Ion Ratio Lower Upper
248 100
250 199.9 76.9 115.3#
141 453.6 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

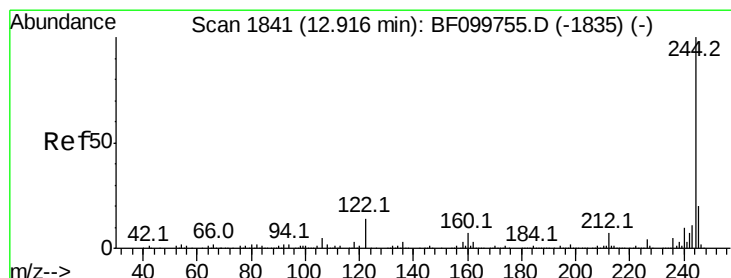
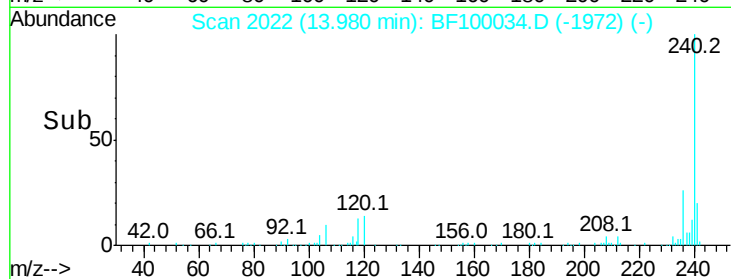
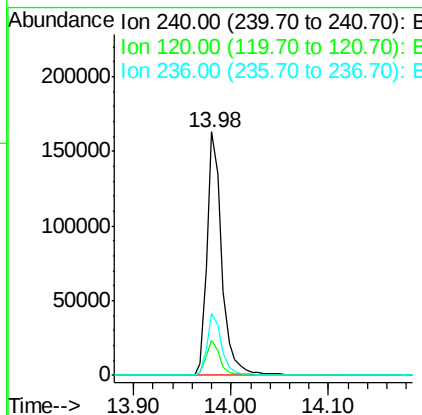
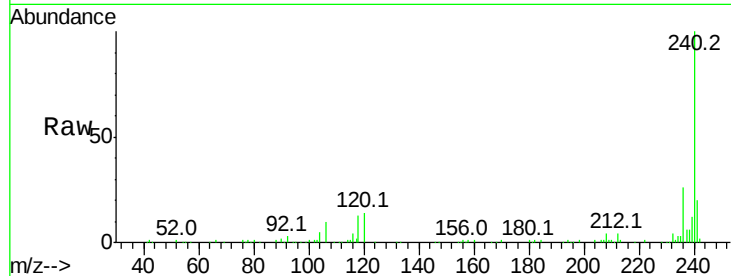




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF100034.D
 Acq: 1 Nov 2017 8:10

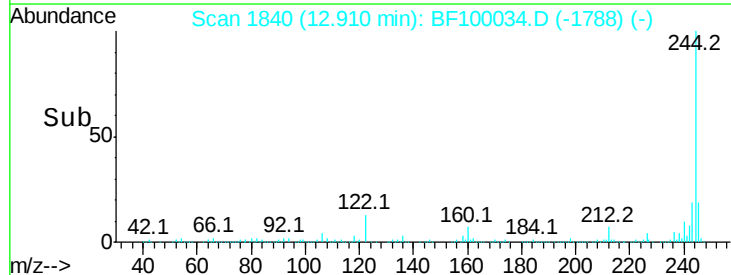
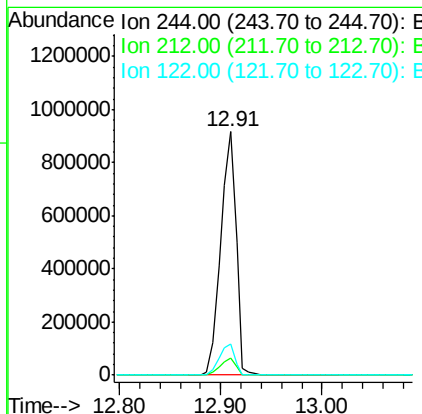
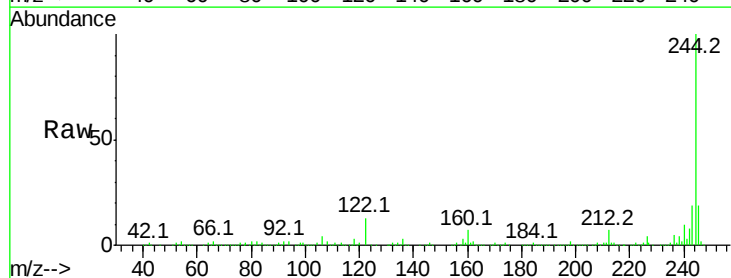
Instrument :
 BNA_F
 ClientSampleId :

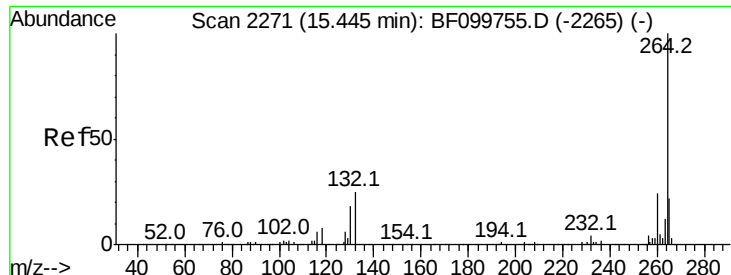
Tot Ion:240 Resp: 171476
 Ion Ratio Lower Upper
 240 100
 120 14.4 9.5 14.3#
 236 25.5 20.7 31.1



#78
 Terphenyl-d14
 Concen: 123.304 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF100034.D
 Acq: 1 Nov 2017 8:10

Tgt Ion:244 Resp: 967508
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.0 11.0 16.4

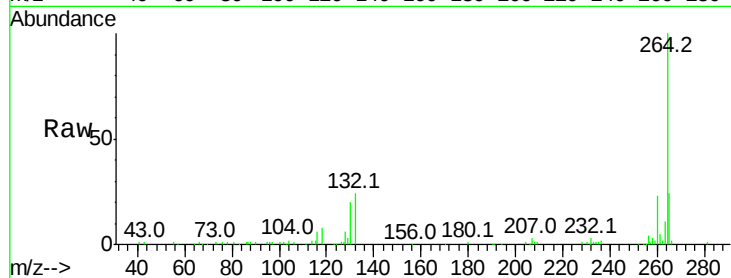




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. 0.01 min
 Lab File: BF100034.D
 Acq: 1 Nov 2017 8:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	23.6	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

