

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099993.D
 Acq On : 31 Oct 2017 6:43
 Operator : SJ/JU
 Sample : I6201-02
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 31 07:15:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

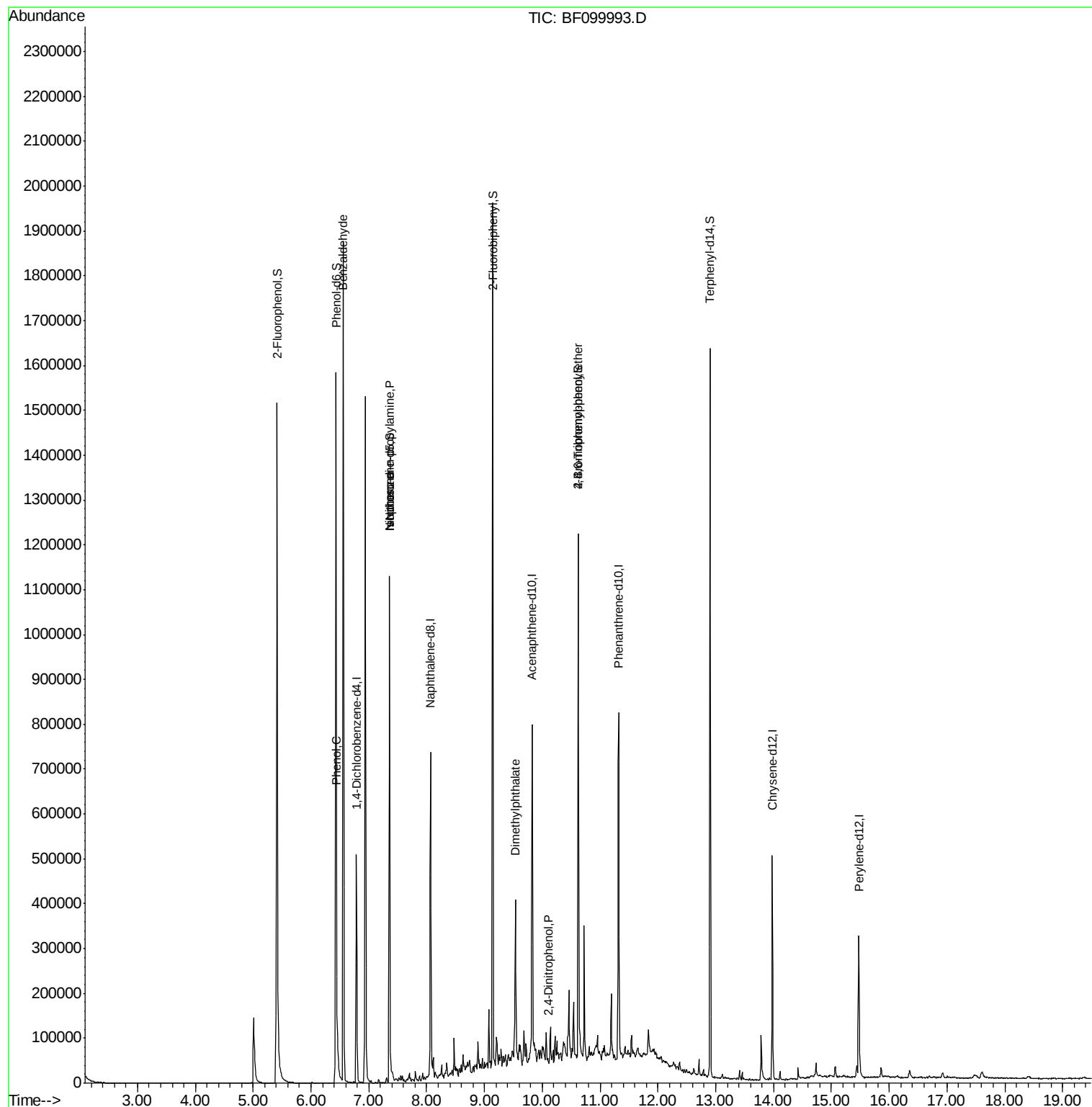
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	84923	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	345307	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	161493	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	281064	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	182282	20.00	ng	-0.01
86) Perylene-d12	15.47	264	155679	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	579533	107.14	ng	0.00
7) Phenol-d6	6.43	99	670201	104.49	ng	0.00
23) Nitrobenzene-d5	7.36	82	381360	71.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	154093	104.70	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	669772	63.99	ng	-0.01
78) Terphenyl-d14	12.90	244	528945	63.42	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.56	77	9784	2.553	ng	95
10) Phenol	6.45	94	39231	5.571	ng	96
19) n-Nitroso-di-n-propylamine	7.36	70	47856	12.732	ng	# 71
25) Isophorone	7.36	82	381360	39.184	ng	# 64
49) Dimethylphthalate	9.54	163	125944	9.848	ng	99
53) 2,4-Dinitrophenol	10.11	184	245	5.975	ng	# 16
66) 4-Bromophenyl-phenylether	10.62	248	9690	3.275	ng	# 1

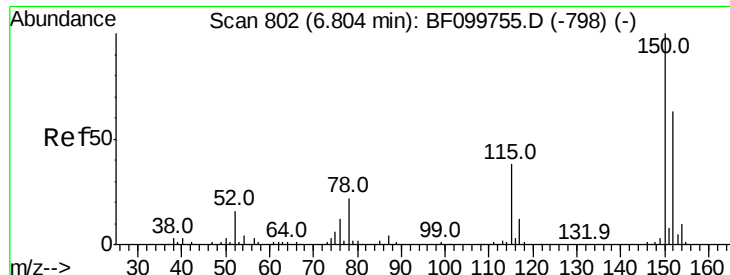
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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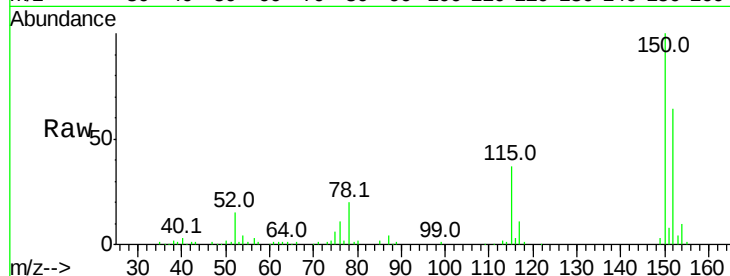


#1

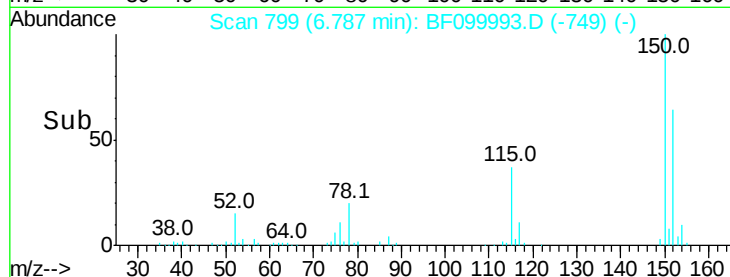
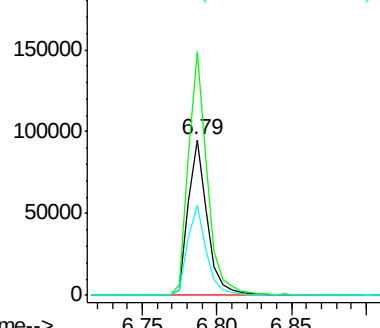
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099993.D
Acq: 31 Oct 2017 6:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 84923
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 57.7 50.1 75.1



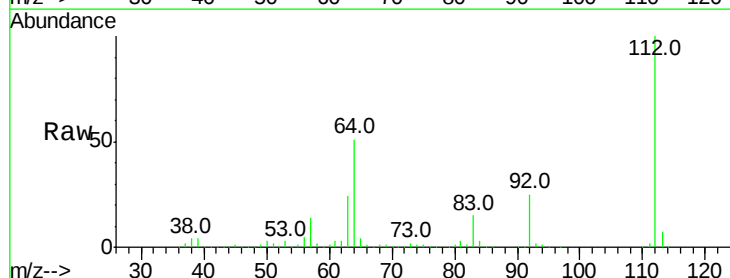
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



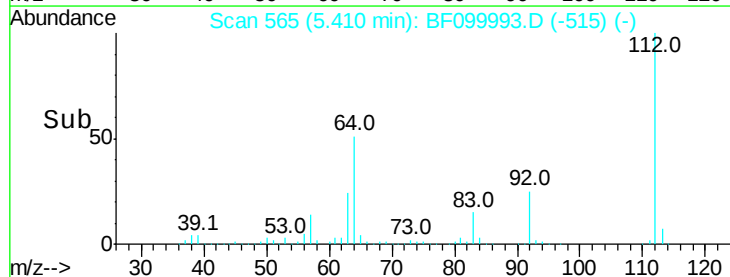
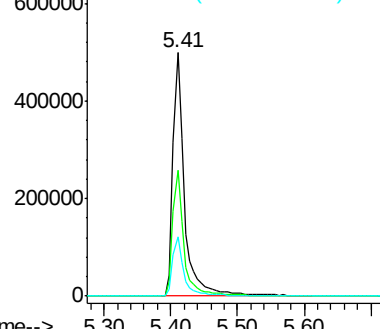
#5

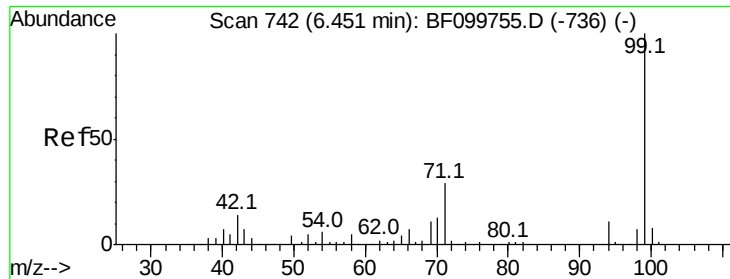
2-Fluorophenol
Concen: 107.138 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF099993.D
Acq: 31 Oct 2017 6:43

Tgt Ion:112 Resp: 579533
Ion Ratio Lower Upper
112 100
64 51.4 47.9 71.9
63 24.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.493 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099993.D

Acq: 31 Oct 2017 6:43

Instrument :

BNA_F

ClientSampleId :

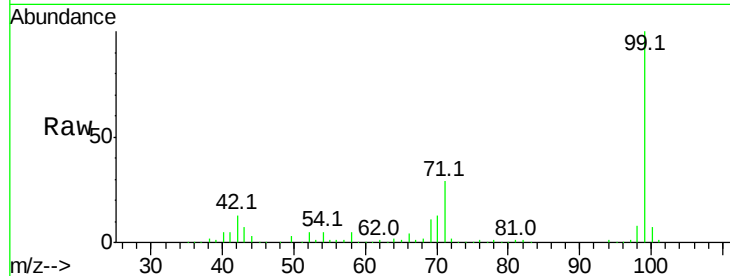
Tot Ion: 99 Resp: 670201

Ion Ratio Lower Upper

99 100

42 13.1 14.5 21.7#

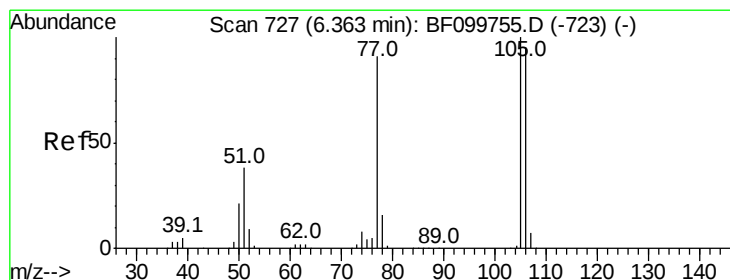
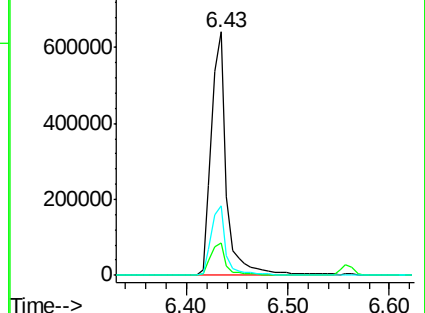
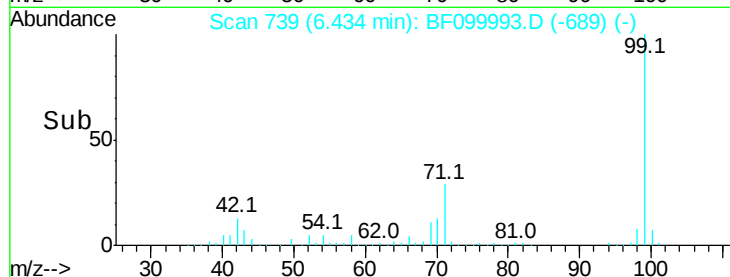
71 28.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 2.553 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.20 min

Lab File: BF099993.D

Acq: 31 Oct 2017 6:43

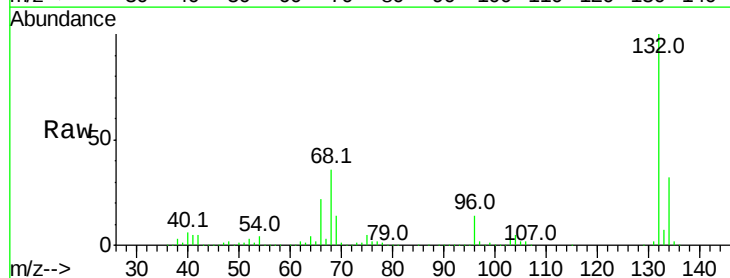
Tgt Ion: 77 Resp: 9784

Ion Ratio Lower Upper

77 100

105 93.7 81.1 121.1

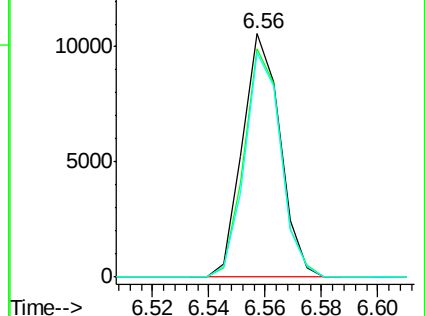
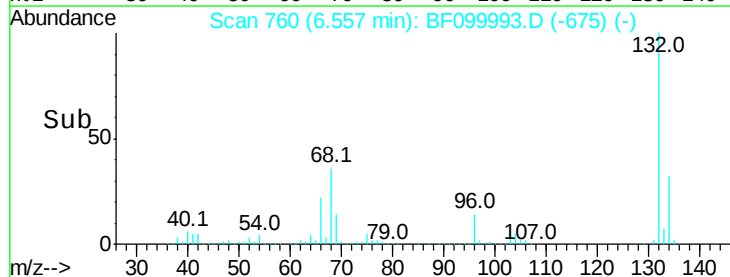
106 92.0 74.5 114.5

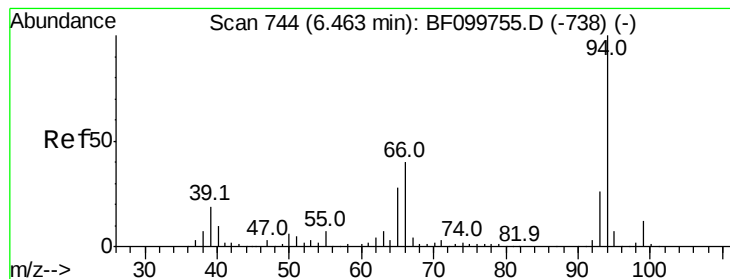


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 5.571 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099993.D

Acq: 31 Oct 2017 6:43

Instrument :

BNA_F

ClientSampleId :

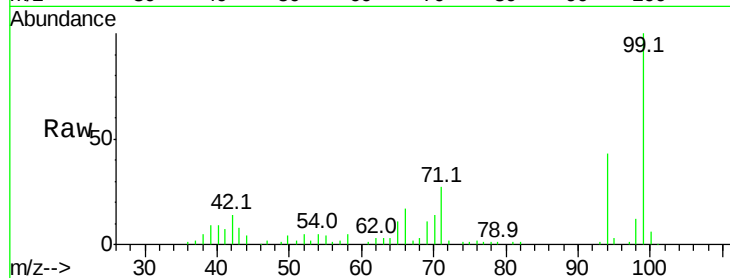
Tot Ion: 94 Resp: 39231

Ion Ratio Lower Upper

94 100

65 25.9 7.9 47.9

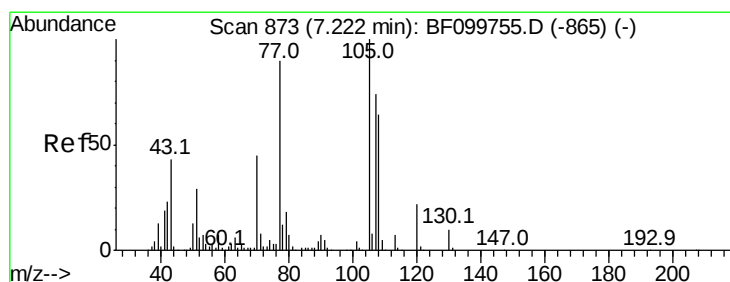
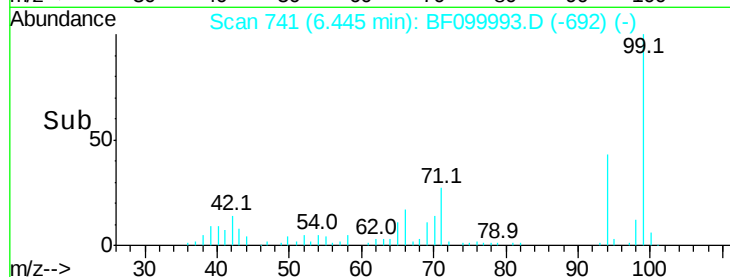
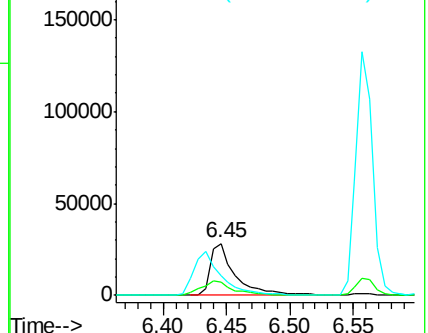
66 38.7 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 12.732 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF099993.D

Acq: 31 Oct 2017 6:43

Tgt Ion: 70 Resp: 47856

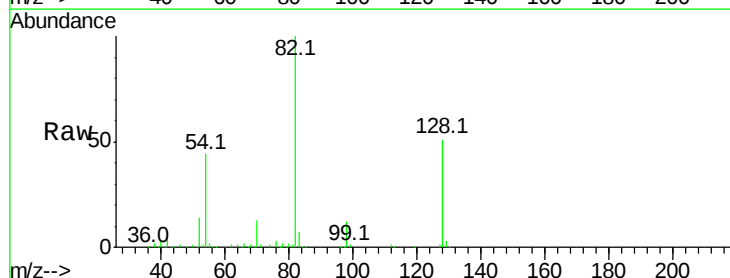
Ion Ratio Lower Upper

70 100

42 39.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

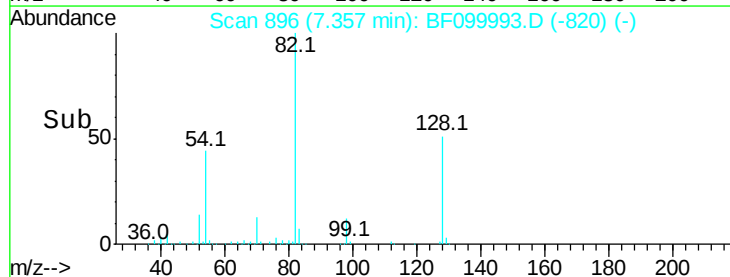
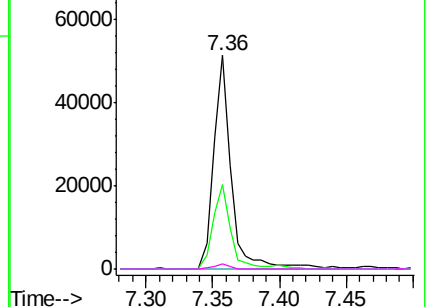


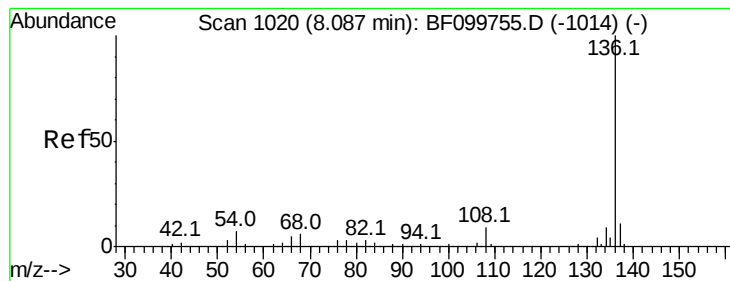
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF099993.D

Acq: 31 Oct 2017 6:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 345307

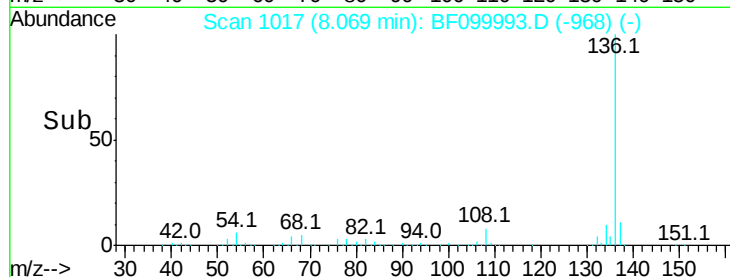
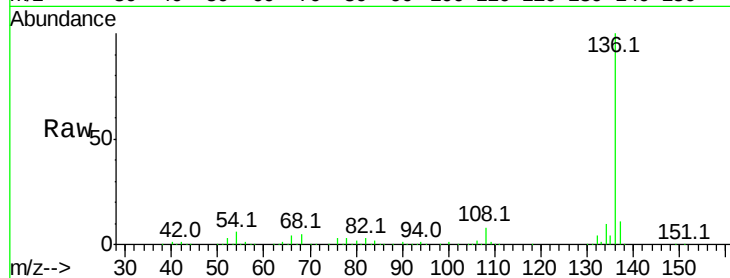
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 5.9 6.6 9.8#

68 5.4 5.0 7.4

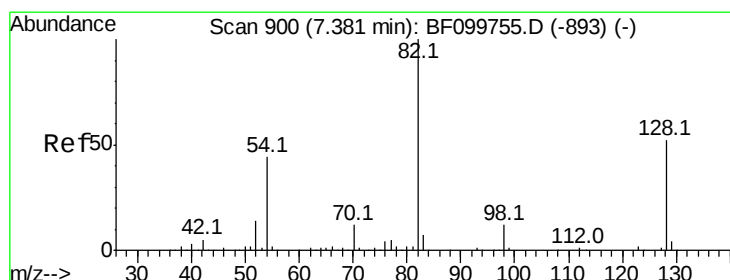
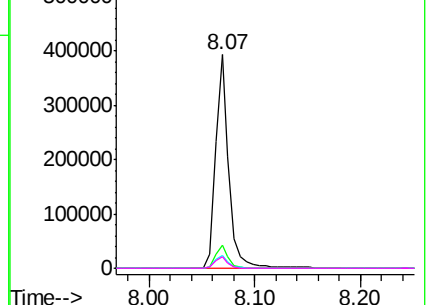


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 71.102 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF099993.D

Acq: 31 Oct 2017 6:43

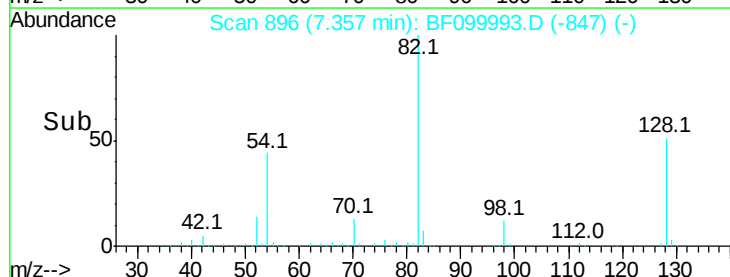
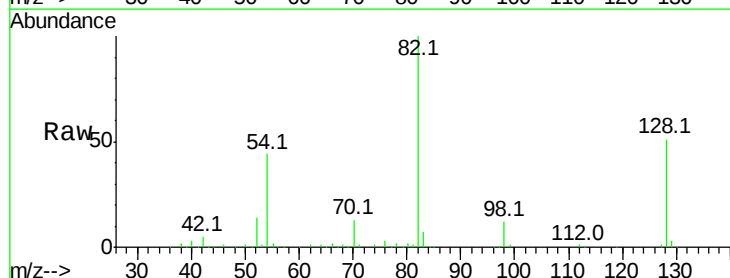
Tgt Ion: 82 Resp: 381360

Ion Ratio Lower Upper

82 100

128 50.9 36.1 54.1

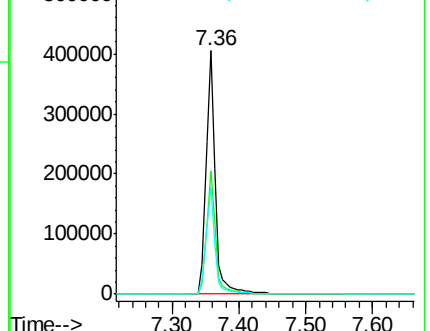
54 43.7 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 39.184 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF099993.D

Acq: 31 Oct 2017 6:43

Instrument :

BNA_F

ClientSampled :

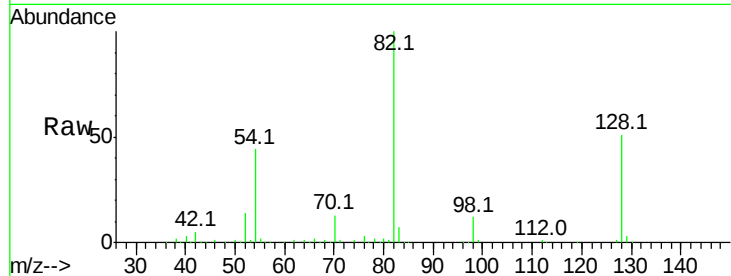
Tot Ion: 82 Resp: 381360

Ion Ratio Lower Upper

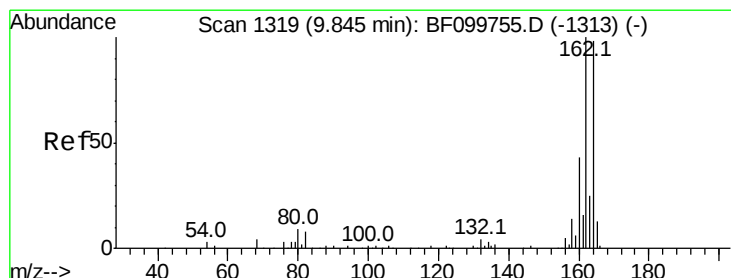
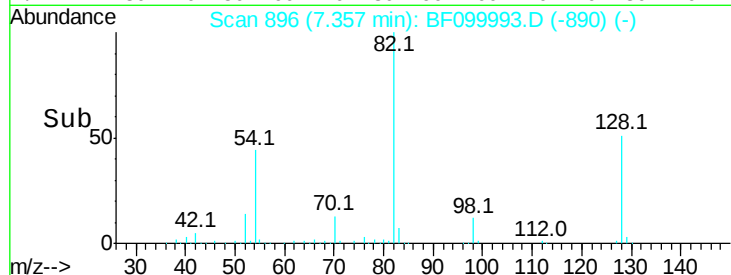
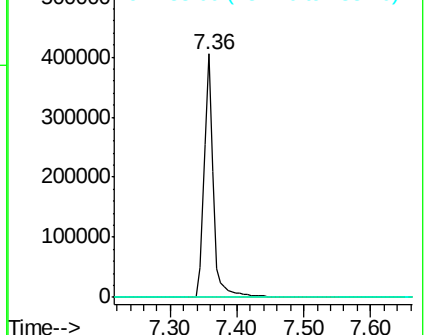
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF099993.D

Acq: 31 Oct 2017 6:43

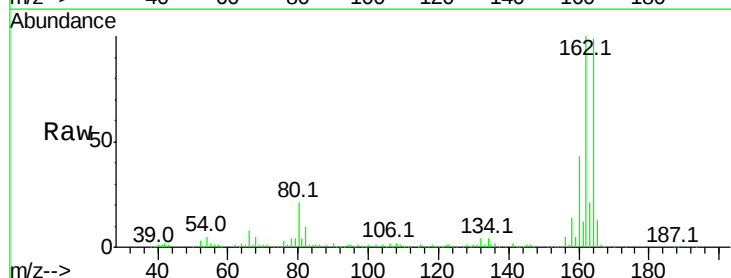
Tgt Ion: 164 Resp: 161493

Ion Ratio Lower Upper

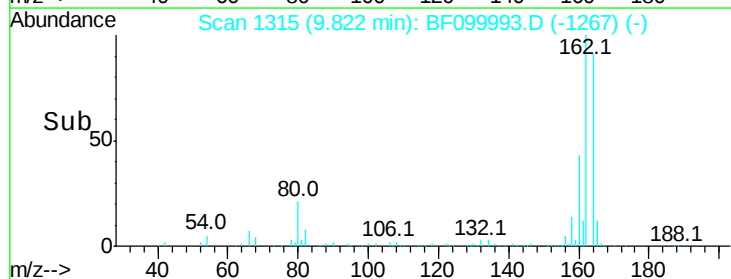
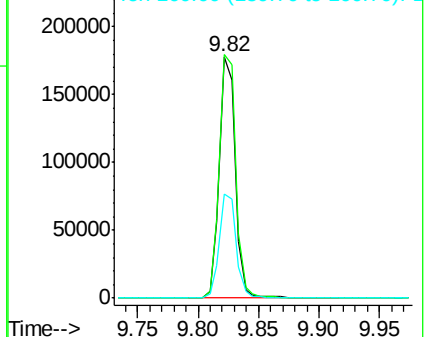
164 100

162 100.9 86.1 129.1

160 43.2 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

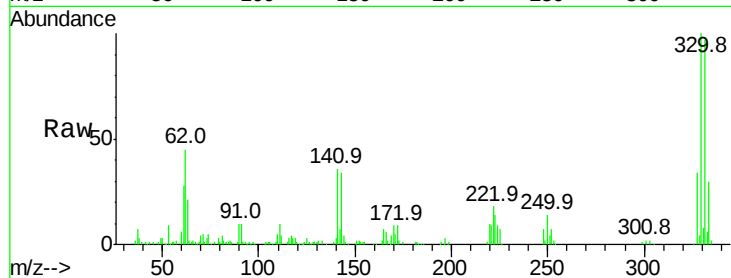




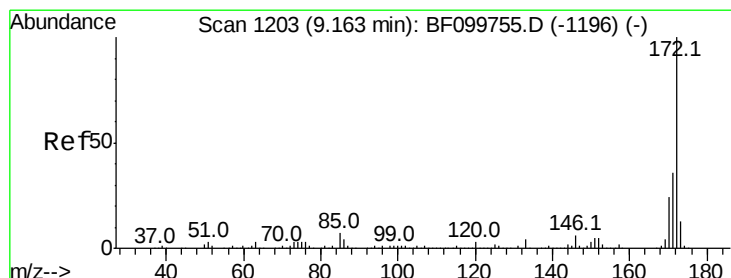
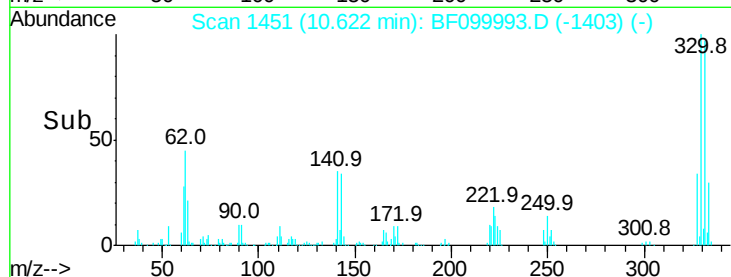
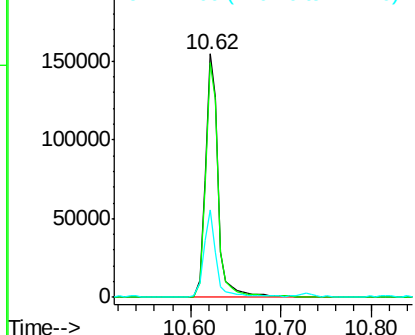
#41
 2,4,6-Tribromophenol
 Concen: 104.703 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.02 min
 Lab File: BF099993.D
 Acq: 31 Oct 2017 6:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	33.2	29.9	44.9

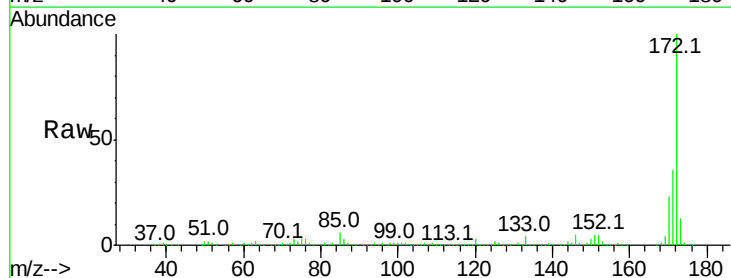


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

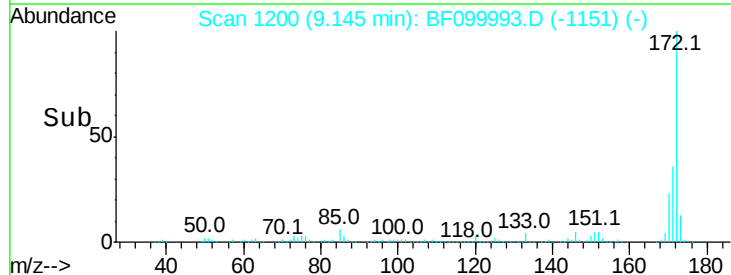
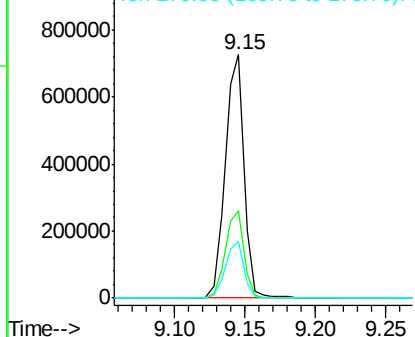


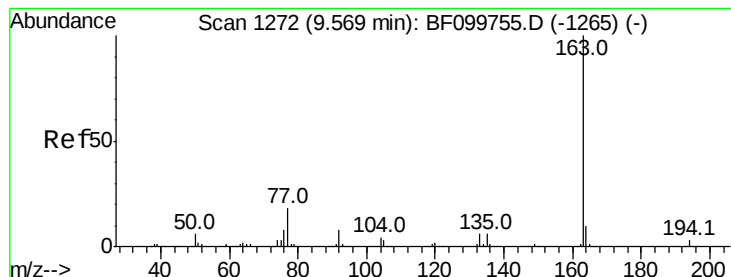
#44
 2-Fluorobiphenyl
 Concen: 63.987 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF099993.D
 Acq: 31 Oct 2017 6:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	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





#49

Dimethylphthalate

Concen: 9.848 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.02 min

Lab File: BF099993.D

Acq: 31 Oct 2017 6:43

Instrument :

BNA_F

ClientSampleId :

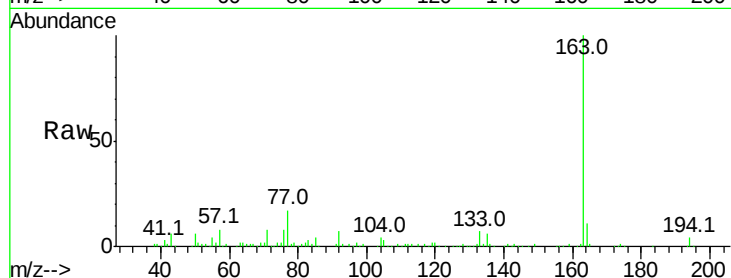
Tot Ion:163 Resp: 125944

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

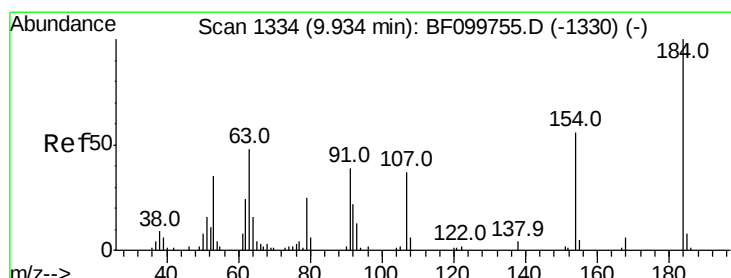
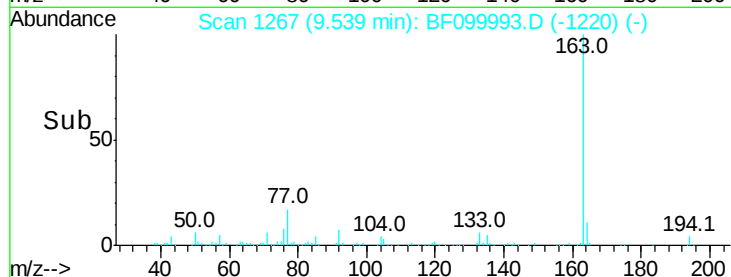
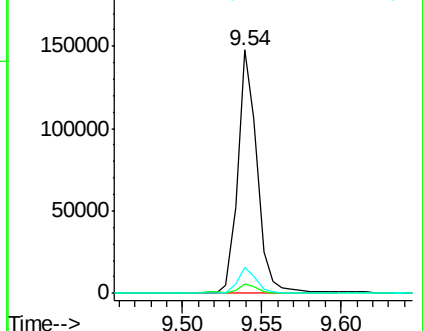
164 10.6 8.2 12.2



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



#53

2,4-Dinitrophenol

Concen: 5.975 ng

RT: 10.11 min Scan# 1364

Delta R.T. 0.17 min

Lab File: BF099993.D

Acq: 31 Oct 2017 6:43

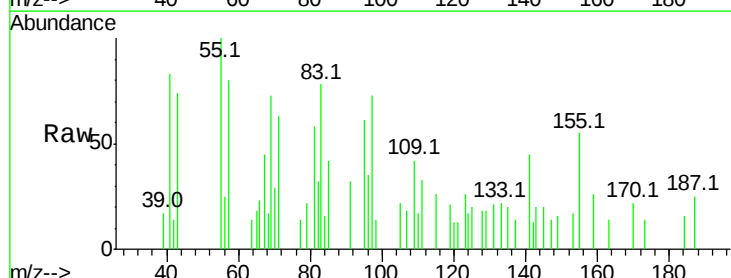
Tgt Ion:184 Resp: 245

Ion Ratio Lower Upper

184 100

63 0.0 54.2 81.2#

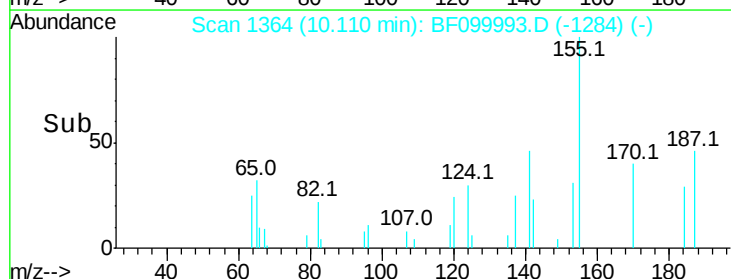
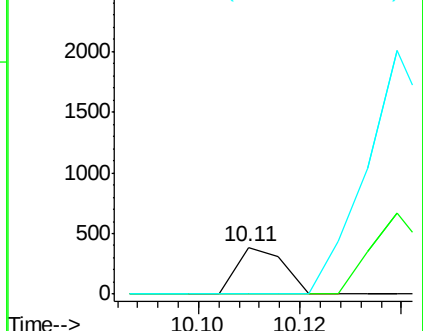
154 0.0 53.5 80.3#

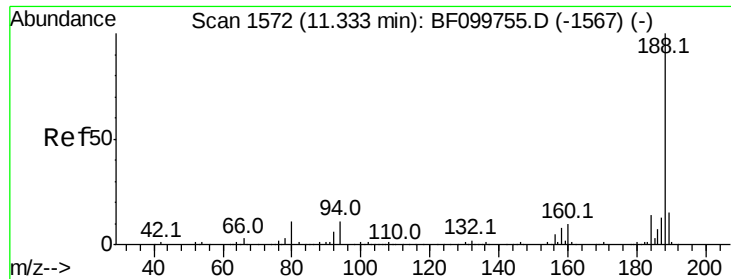


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

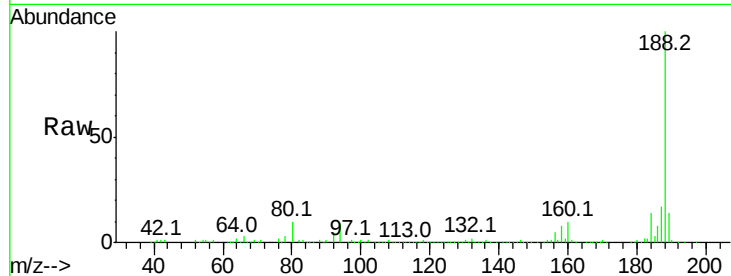




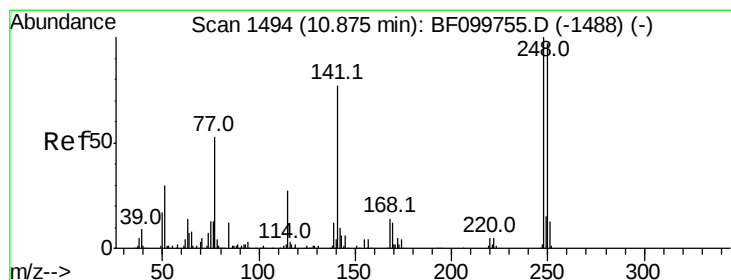
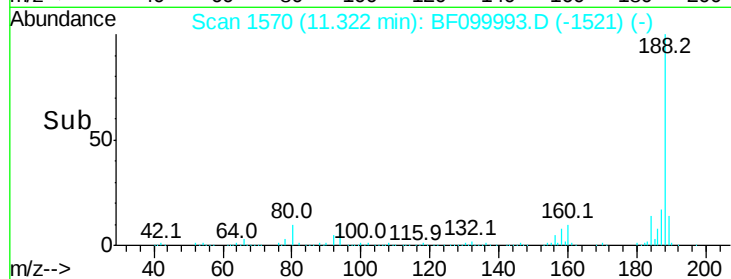
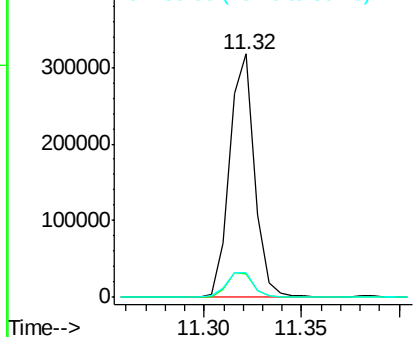
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF099993.D
Acq: 31 Oct 2017 6:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 281064
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 9.9 9.2 13.8

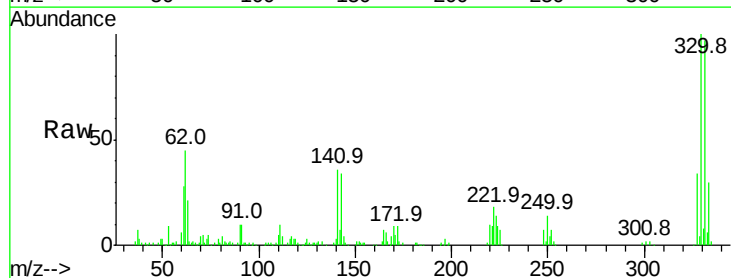


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

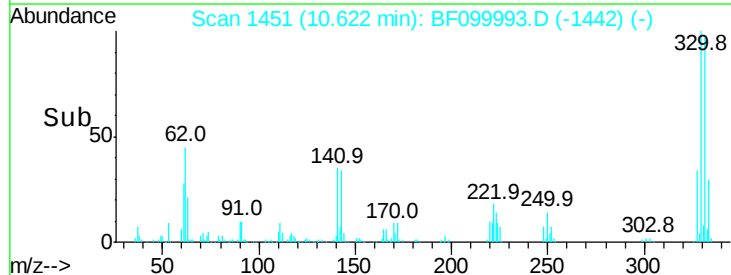
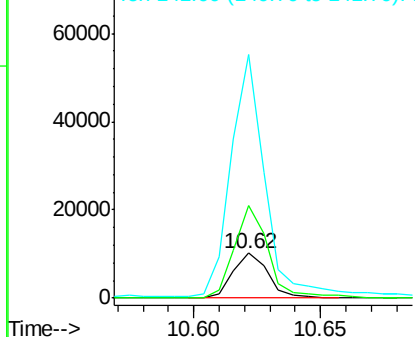


#66
4-Bromophenyl-phenylether
Concen: 3.275 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF099993.D
Acq: 31 Oct 2017 6:43

Tgt Ion:248 Resp: 9690
Ion Ratio Lower Upper
248 100
250 206.7 76.9 115.3#
141 541.9 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

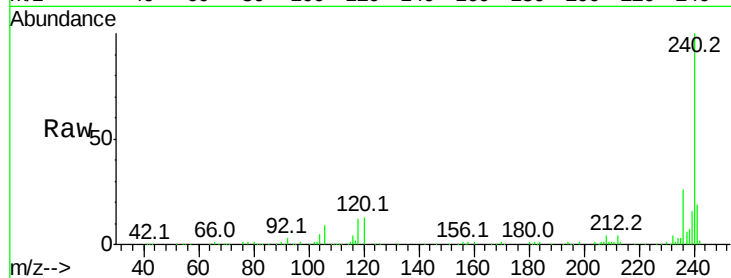




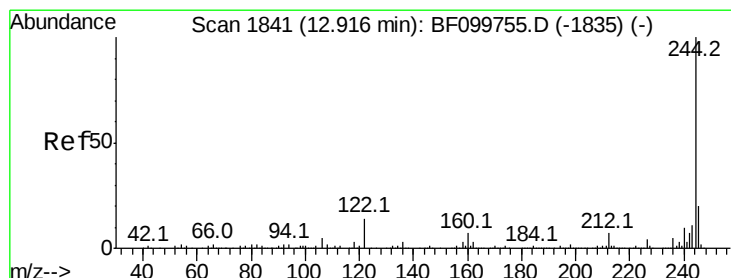
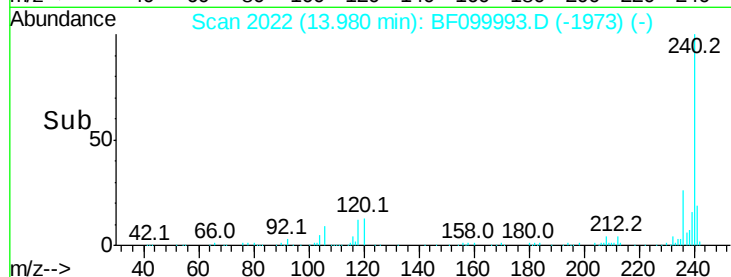
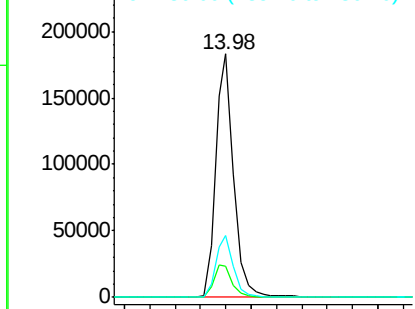
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099993.D
 Acq: 31 Oct 2017 6:43

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:240 Resp: 182282
 Ion Ratio Lower Upper
 240 100
 120 13.0 9.5 14.3
 236 25.6 20.7 31.1

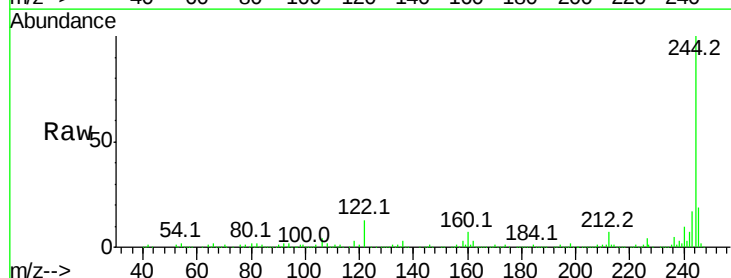


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

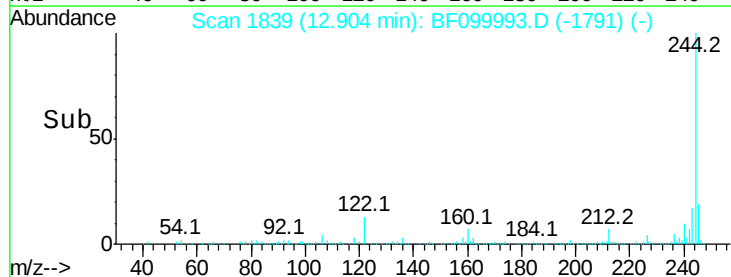
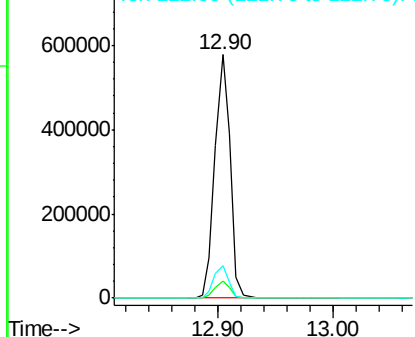


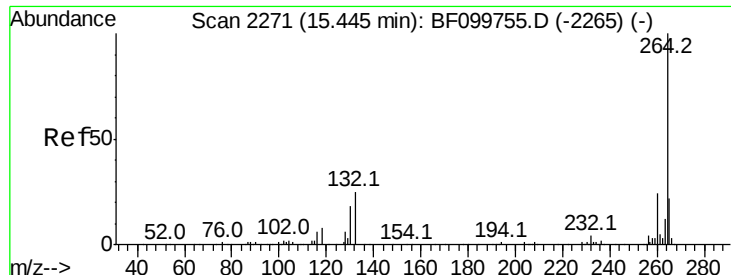
#78
 Terphenyl-d14
 Concen: 63.415 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.02 min
 Lab File: BF099993.D
 Acq: 31 Oct 2017 6:43

Tgt Ion:244 Resp: 528945
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 13.3 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

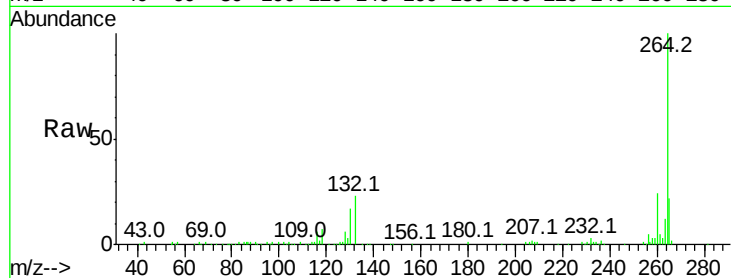




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. 0.02 min
 Lab File: BF099993.D
 Acq: 31 Oct 2017 6:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.0	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

