

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
 Data File : BF099876.D
 Acq On : 27 Oct 2017 14:45
 Operator : SJ/JU
 Sample : I6118-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 27 16:06:25 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

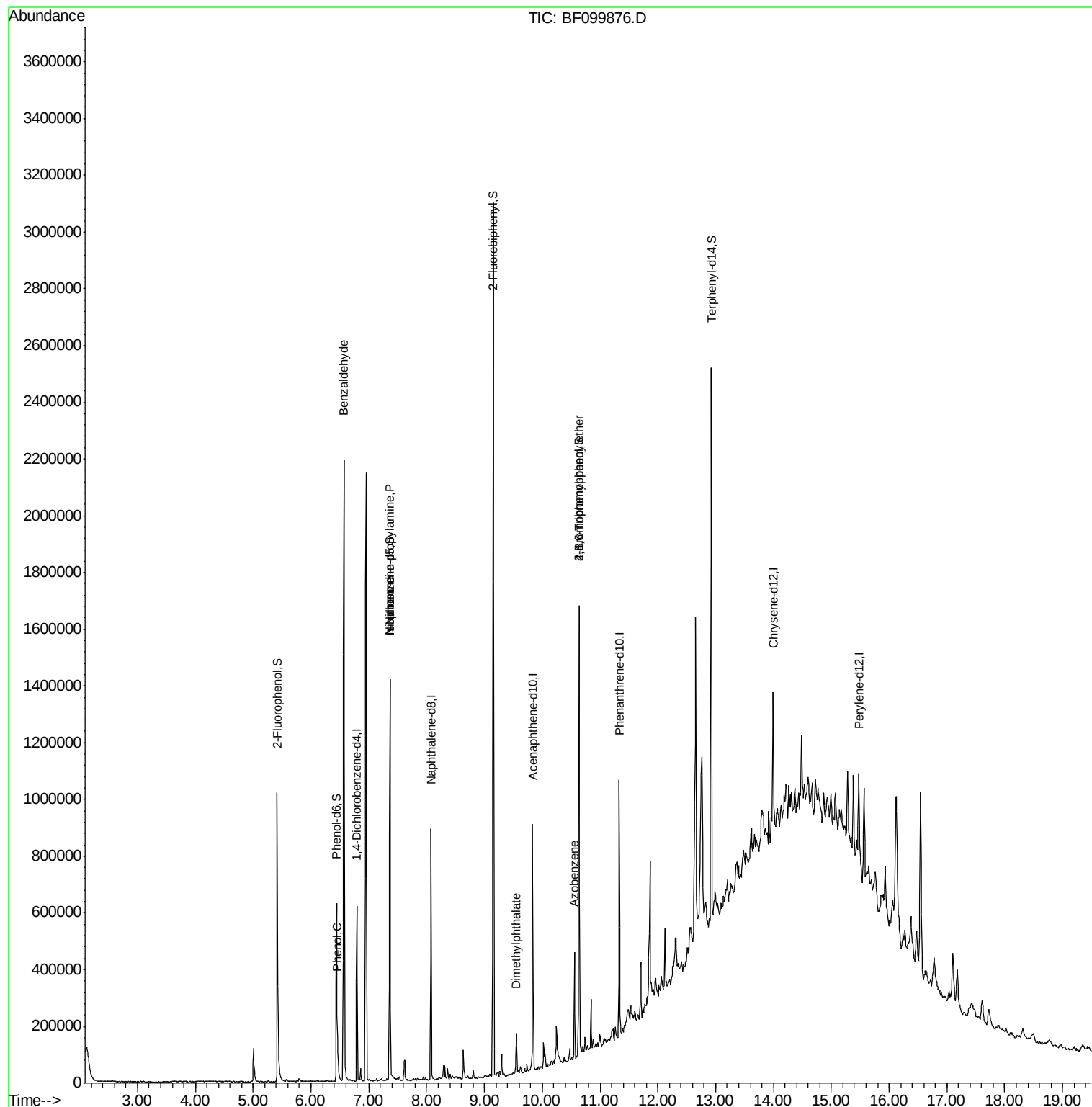
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	97303	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	397584	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	185148	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	316061	20.00	ng	0.00
75) Chrysene-d12	13.99	240	173816	20.00	ng	0.00
86) Perylene-d12	15.47	264	172017	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	374739	60.46	ng	0.00
7) Phenol-d6	6.44	99	283027	38.51	ng	0.00
23) Nitrobenzene-d5	7.37	82	553933	89.70	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	208048	123.30	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1116871	93.07	ng	0.00
78) Terphenyl-d14	12.92	244	784996	98.70	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	11782	2.683	ng	Qvalue 87
10) Phenol	6.46	94	19579	2.427	ng	88
19) n-Nitroso-di-n-propylamine	7.36	70	69775	16.202	ng	# 71
25) Isophorone	7.37	82	553933	49.432	ng	# 64
49) Dimethylphthalate	9.55	163	56201	3.833	ng	99
62) Azobenzene	10.56	77	63618	5.300	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	13464	4.046	ng	# 1

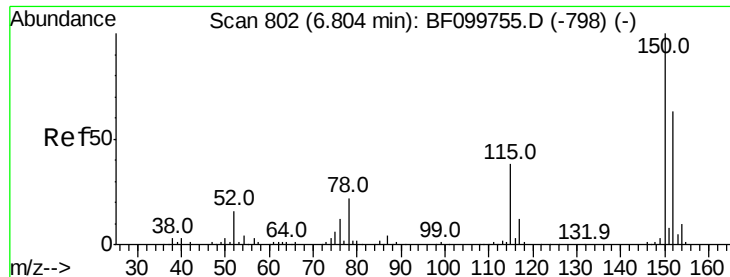
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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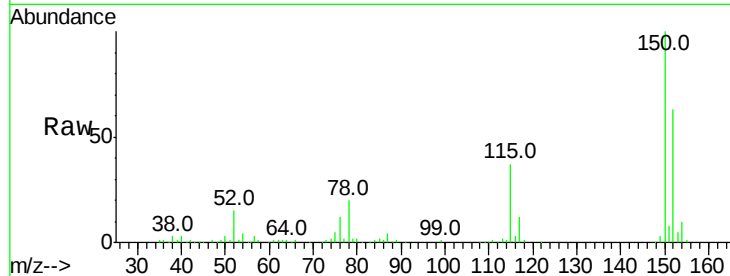


#1

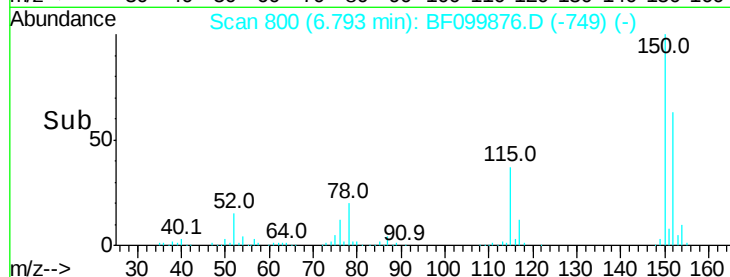
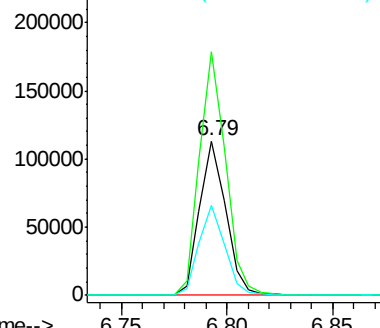
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099876.D
Acq: 27 Oct 2017 14:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 97303
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 58.4 50.1 75.1



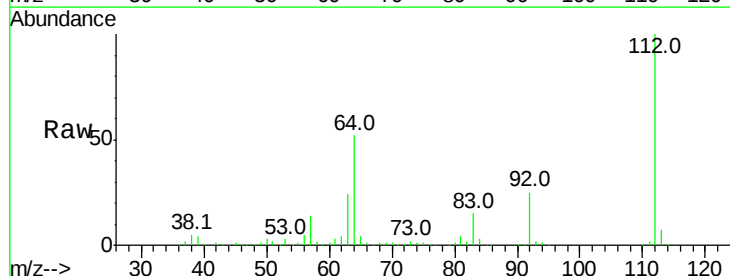
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



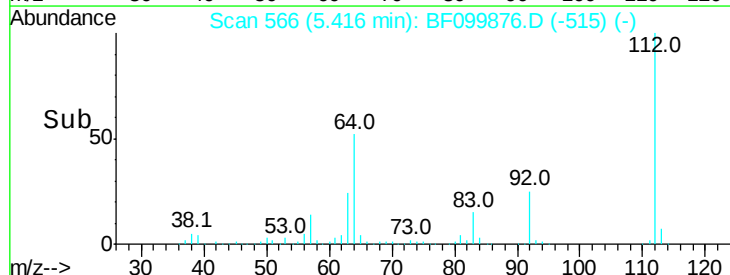
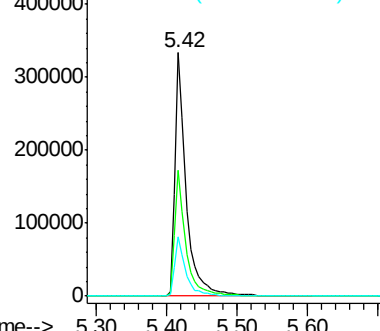
#5

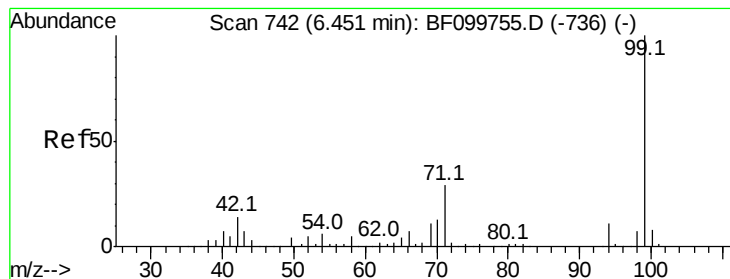
2-Fluorophenol
Concen: 60.463 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF099876.D
Acq: 27 Oct 2017 14:45

Tgt Ion:112 Resp: 374739
Ion Ratio Lower Upper
112 100
64 51.9 47.9 71.9
63 24.4 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: 38.513 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF099876.D

Acq: 27 Oct 2017 14:45

Instrument :

BNA_F

ClientSampleId :

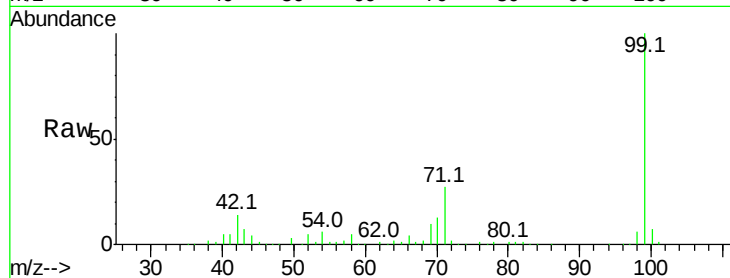
Tot Ion: 99 Resp: 283027

Ion Ratio Lower Upper

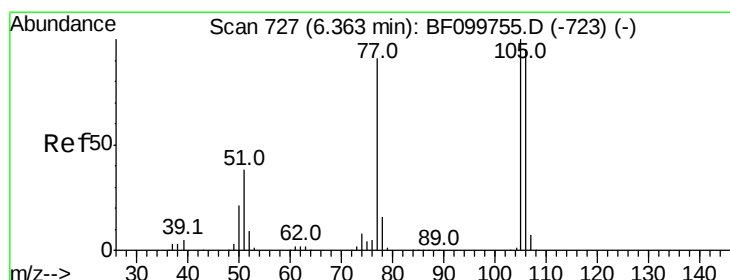
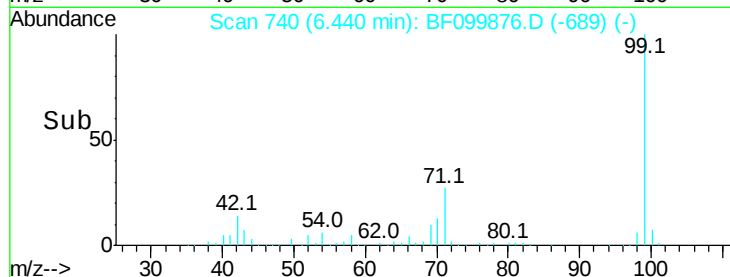
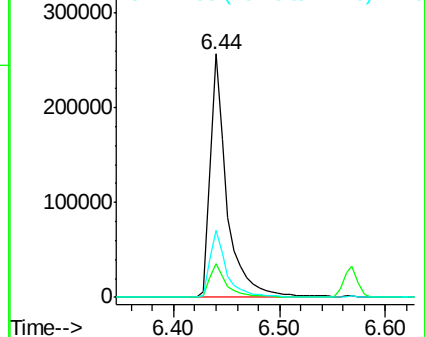
99 100

42 13.7 14.5 21.7#

71 27.4 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: 2.683 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.21 min

Lab File: BF099876.D

Acq: 27 Oct 2017 14:45

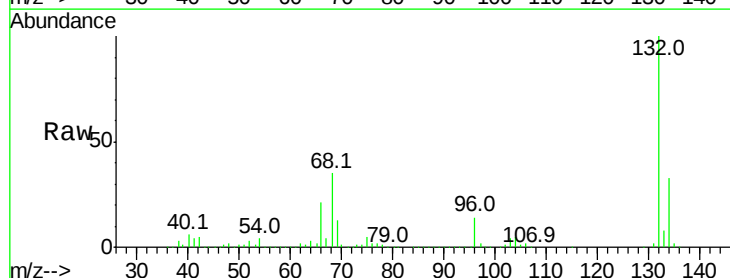
Tgt Ion: 77 Resp: 11782

Ion Ratio Lower Upper

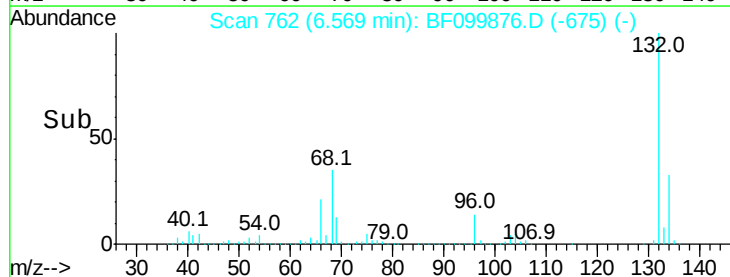
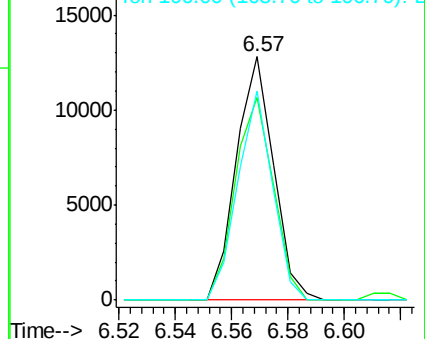
77 100

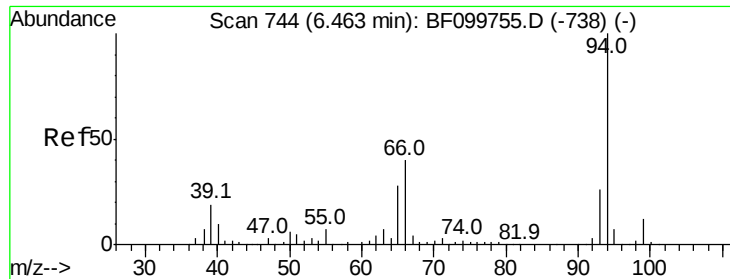
105 83.4 81.1 121.1

106 85.7 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#10

Phenol

Concen: 2.427 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF099876.D

Acq: 27 Oct 2017 14:45

Instrument :

BNA_F

ClientSampleId :

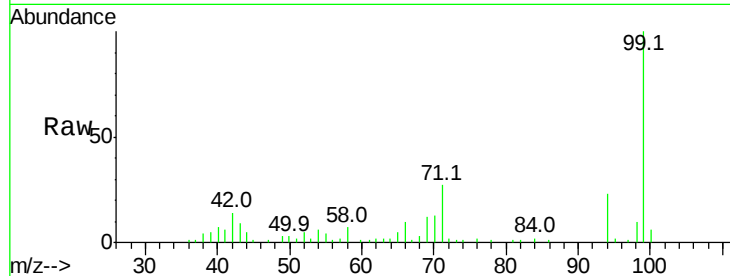
Tot Ion: 94 Resp: 19579

Ion Ratio Lower Upper

94 100

65 23.2 7.9 47.9

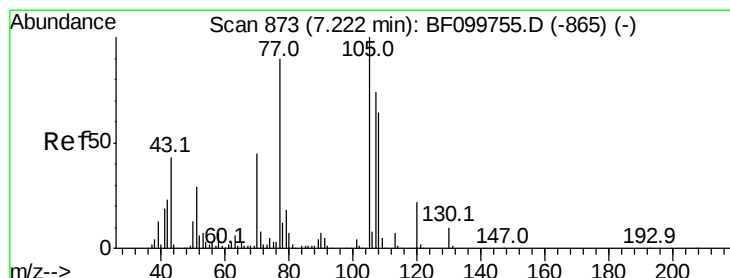
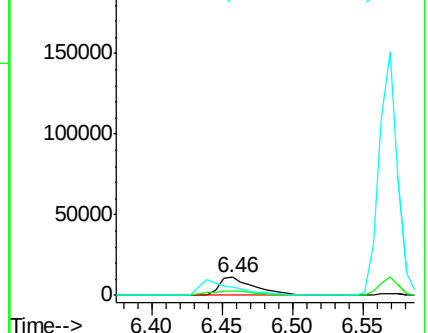
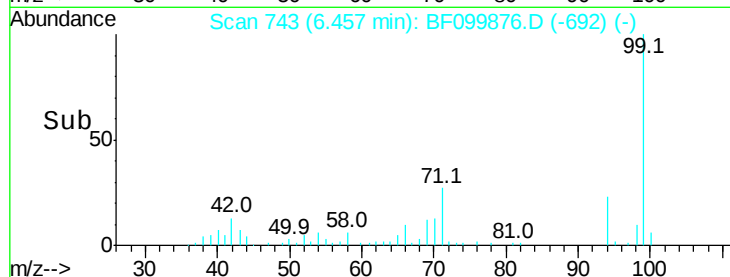
66 45.0 16.2 56.2



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: 16.202 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF099876.D

Acq: 27 Oct 2017 14:45

Tgt Ion: 70 Resp: 69775

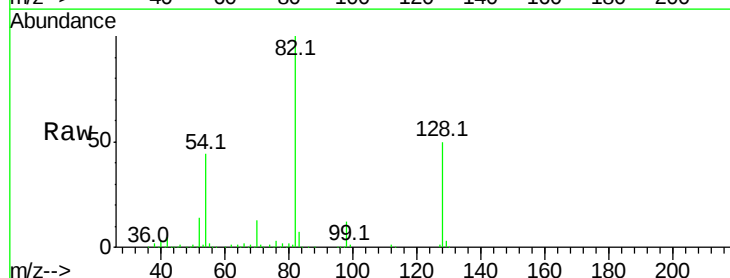
Ion Ratio Lower Upper

70 100

42 40.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

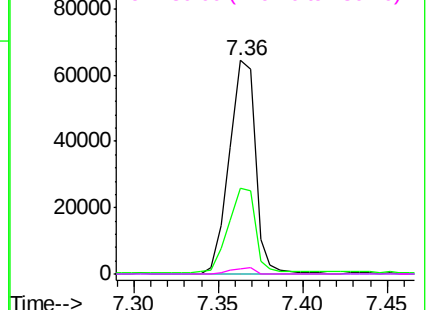
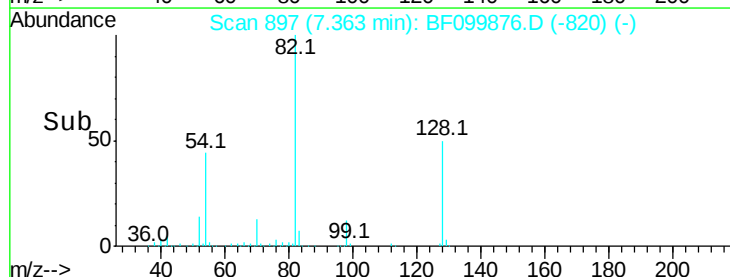


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

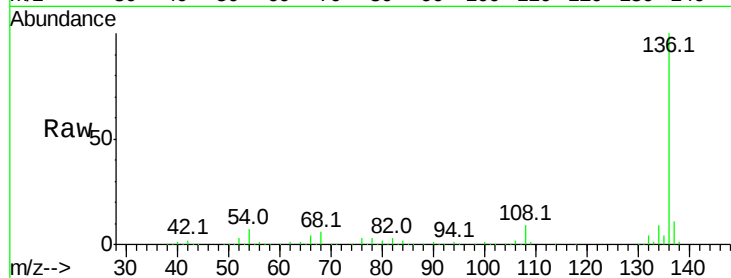




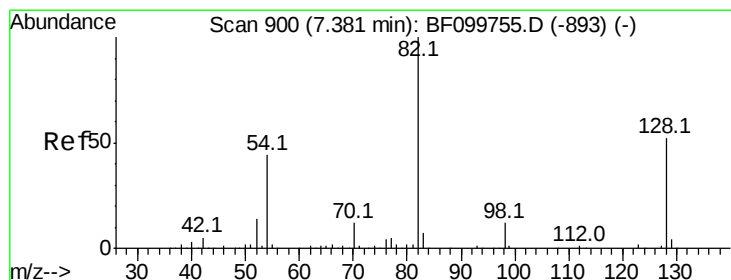
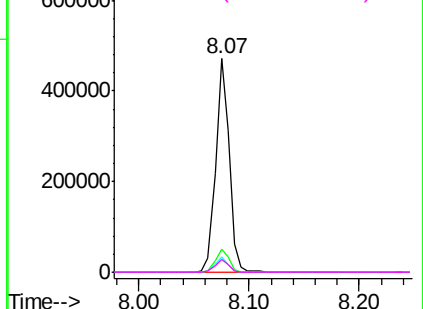
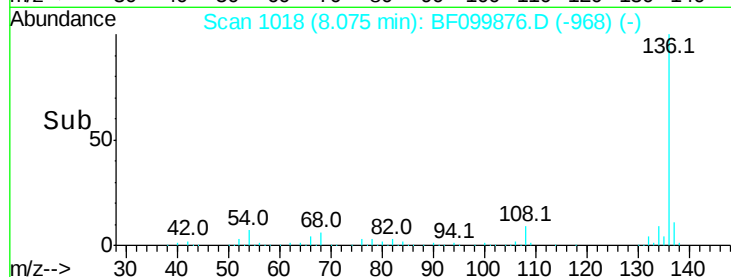
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099876.D
Acq: 27 Oct 2017 14:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	397584
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.9	6.6	9.8
68	6.1	5.0	7.4

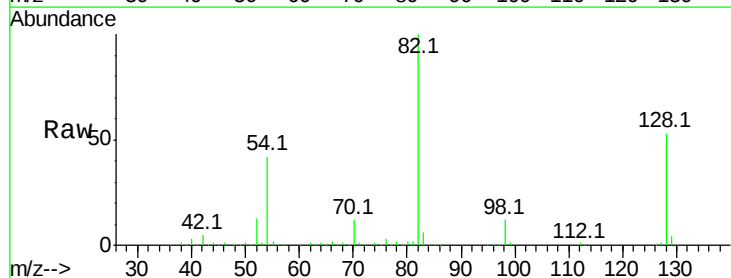


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

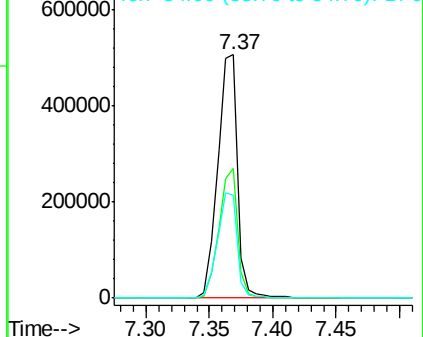
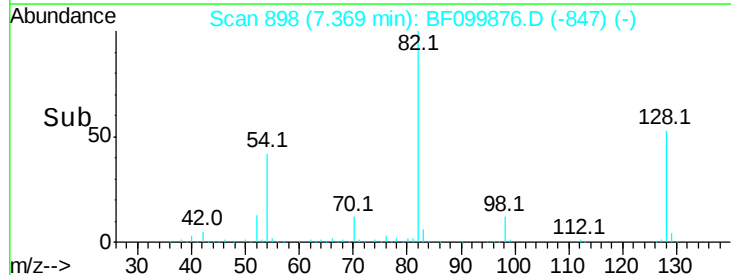


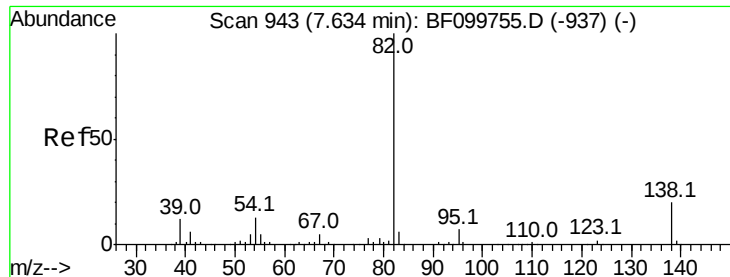
#23
Nitrobenzene-d5
Concen: 89.698 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF099876.D
Acq: 27 Oct 2017 14:45

Tgt Ion:	82	Resp:	553933
Ion	Ratio	Lower	Upper
82	100		
128	53.3	36.1	54.1
54	42.2	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

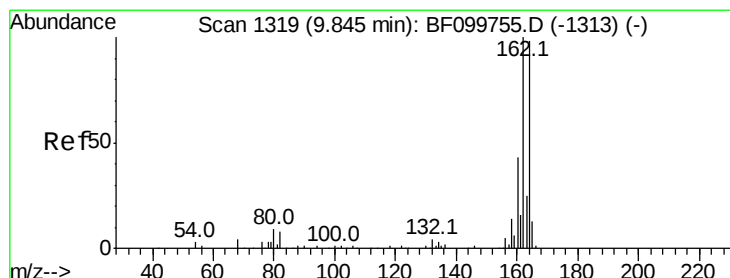
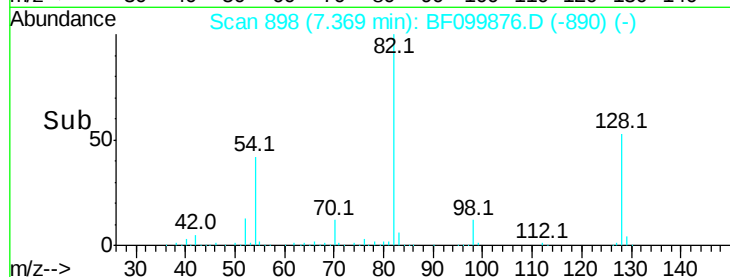
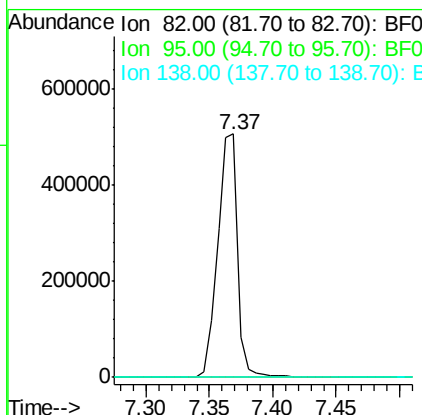
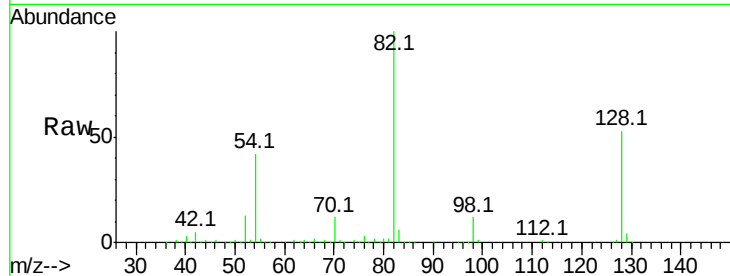




#25
Isophorone
Concen: 49.432 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.25 min
Lab File: BF099876.D
Acq: 27 Oct 2017 14:45

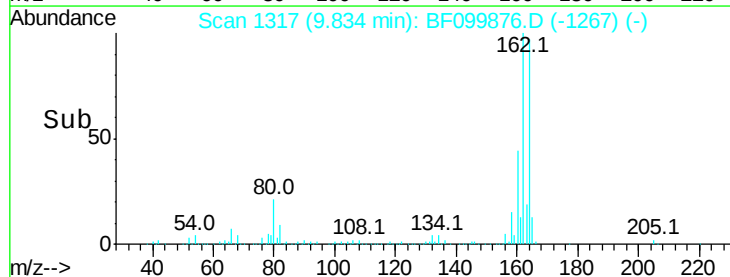
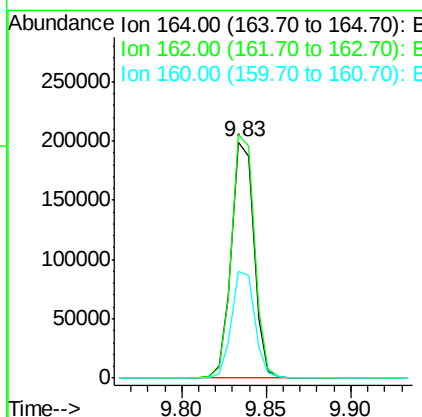
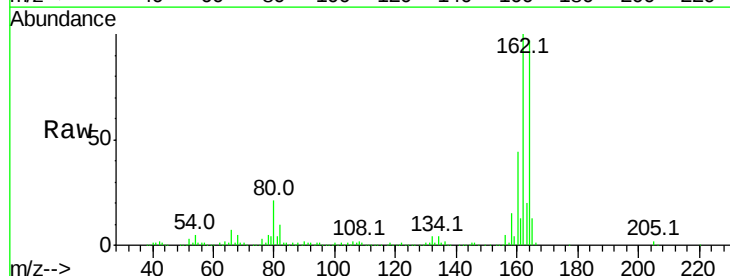
Instrument :
BNA_F
ClientSampleId :

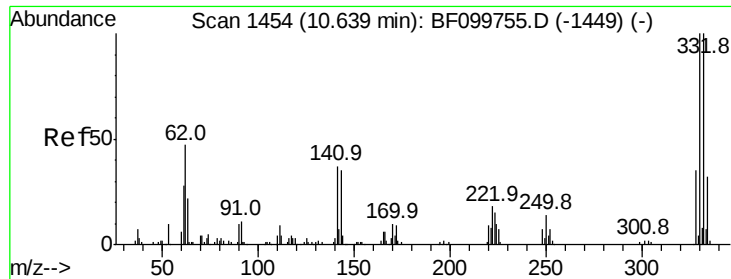
Tot Ion: 82 Resp: 553933
Ion Ratio Lower Upper
82 100
95 0.1 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF099876.D
Acq: 27 Oct 2017 14:45

Tgt Ion:164 Resp: 185148
Ion Ratio Lower Upper
164 100
162 103.1 86.1 129.1
160 45.2 38.3 57.5

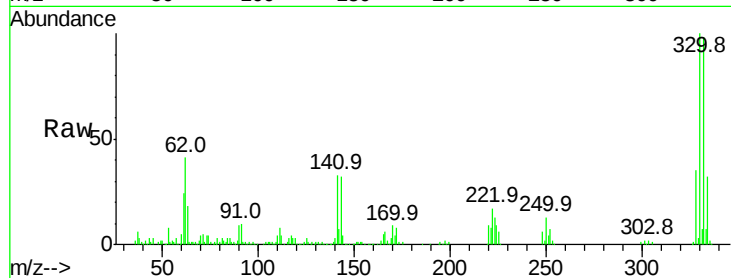




#41
 2,4,6-Tribromophenol
 Concen: 123.303 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF099876.D
 Acq: 27 Oct 2017 14:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	33.5	29.9	44.9

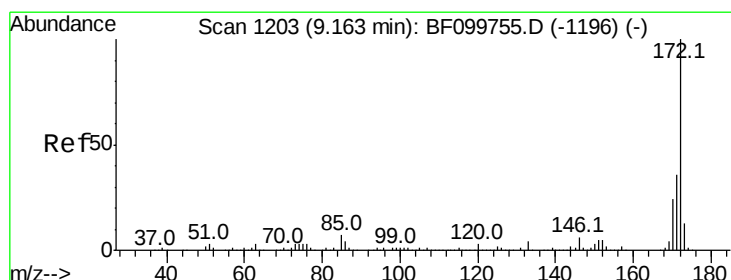
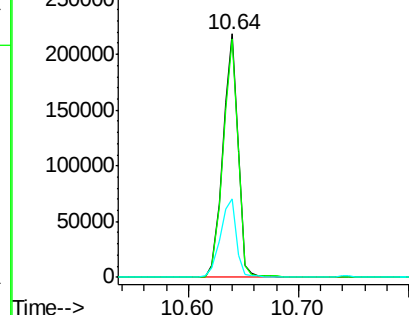
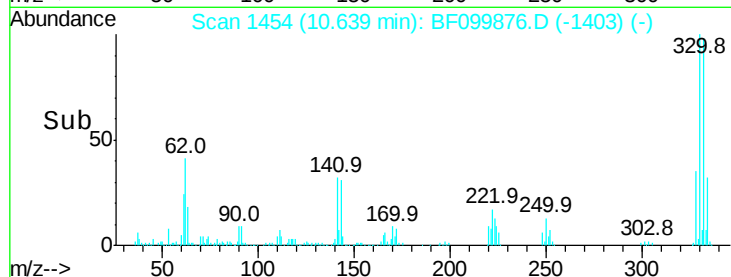


Abundance

Ion 329.80 (329.50 to 330.50): E

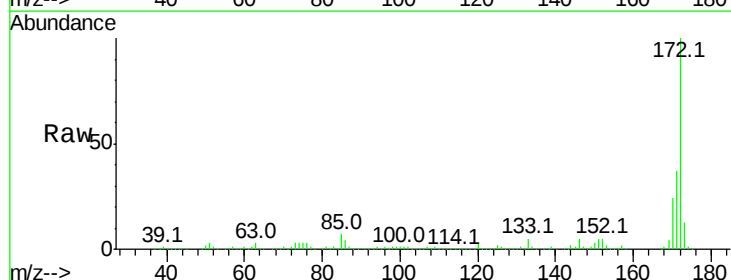
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.069 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF099876.D
 Acq: 27 Oct 2017 14:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.3	19.6	29.4

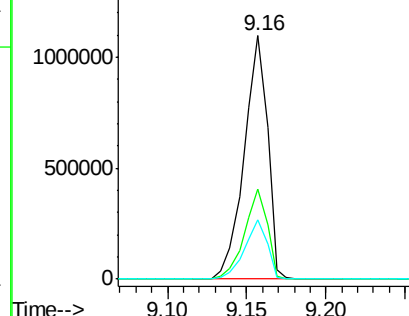
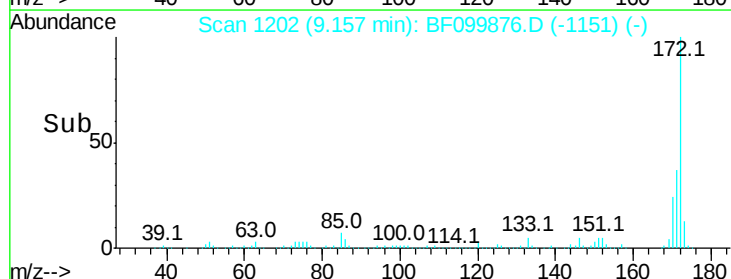


Abundance

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

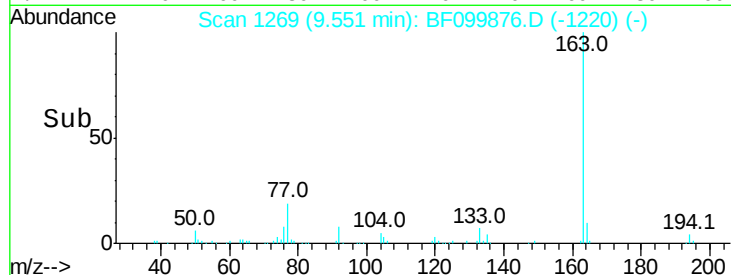
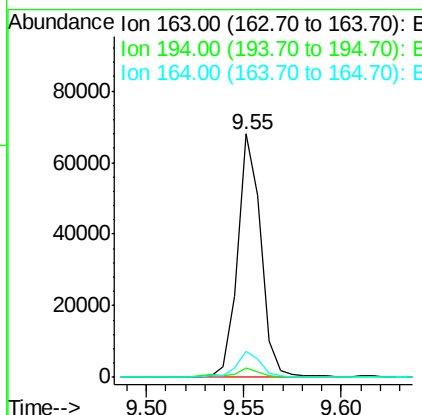
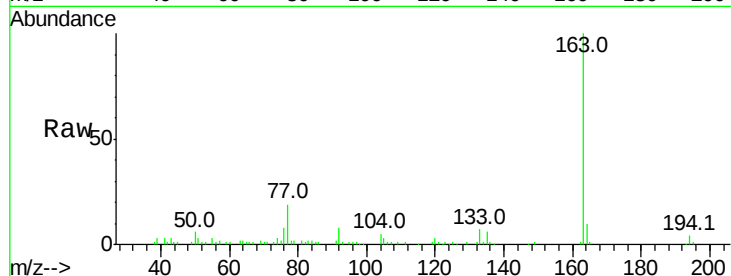




#49
Dimethylphthalate
Concen: 3.833 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF099876.D
Acq: 27 Oct 2017 14:45

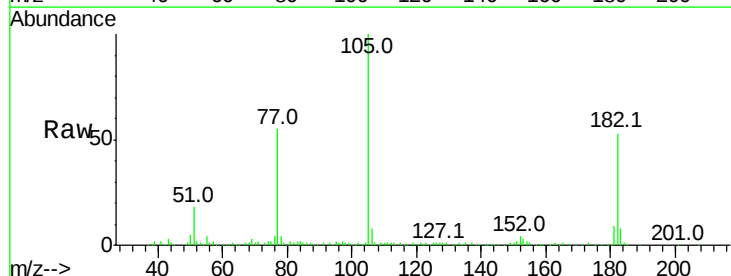
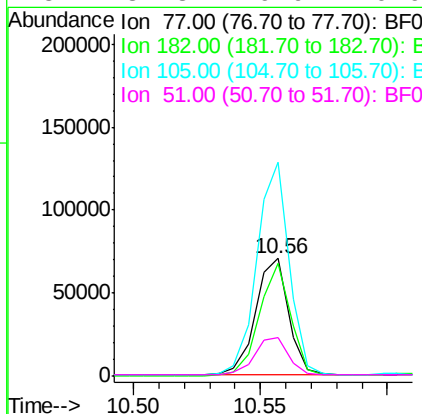
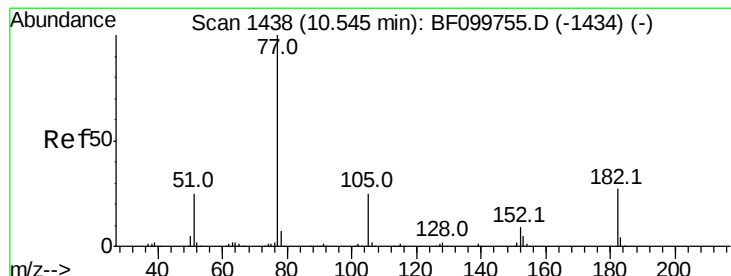
Instrument :
BNA_F
ClientSampleId :

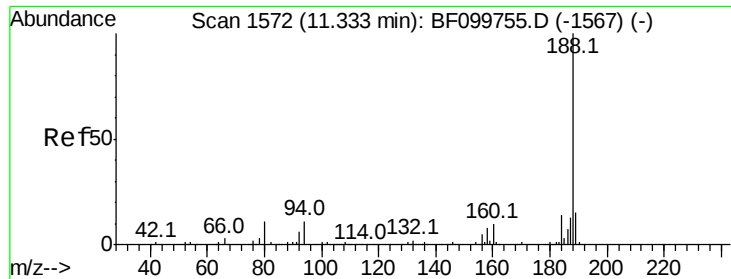
Tot Ion:163 Resp: 56201
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.5 8.2 12.2



#62
Azobenzene
Concen: 5.300 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF099876.D
Acq: 27 Oct 2017 14:45

Tgt Ion: 77 Resp: 63618
Ion Ratio Lower Upper
77 100
182 96.3 1.7 41.7#
105 181.6 3.0 43.0#
51 32.3 9.9 49.9

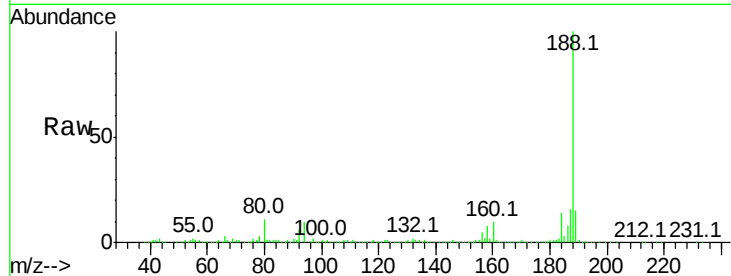




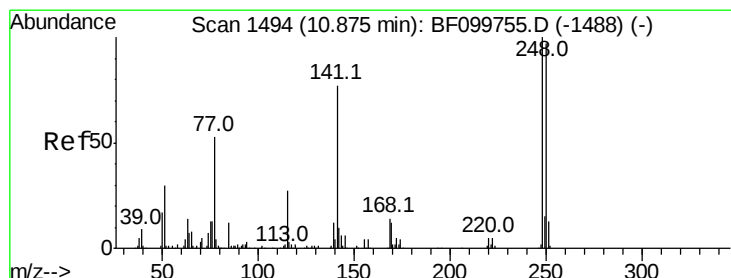
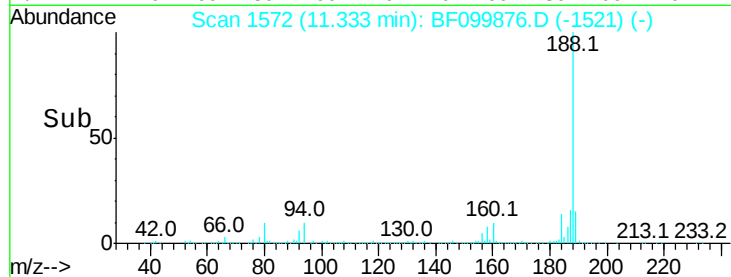
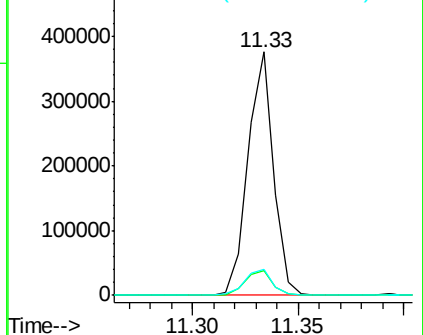
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF099876.D
Acq: 27 Oct 2017 14:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 316061
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 10.6 9.2 13.8

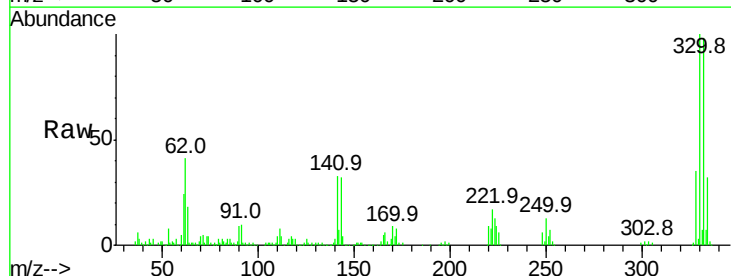


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

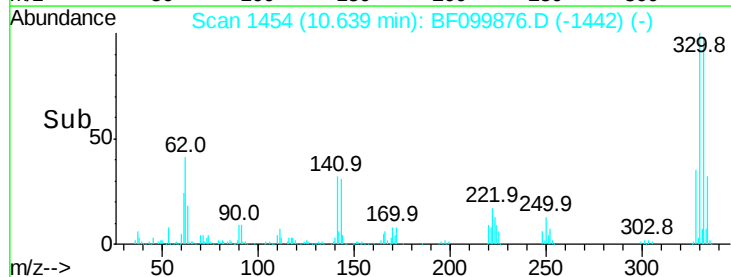
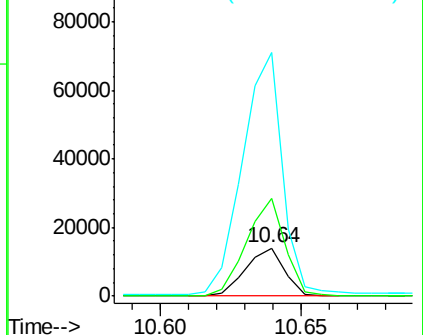


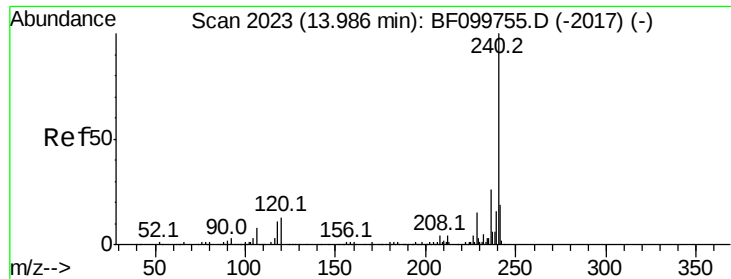
#66
4-Bromophenyl-phenylether
Concen: 4.046 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.23 min
Lab File: BF099876.D
Acq: 27 Oct 2017 14:45

Tgt Ion:248 Resp: 13464
Ion Ratio Lower Upper
248 100
250 201.9 76.9 115.3#
141 504.7 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: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF099876.D

Acq: 27 Oct 2017 14:45

Instrument :

BNA_F

ClientSampleId :

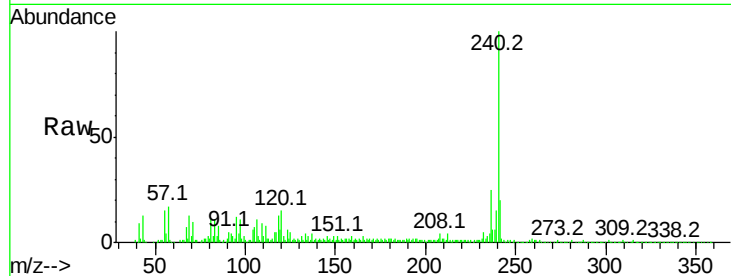
Tot Ion:240 Resp: 173816

Ion Ratio Lower Upper

240 100

120 14.5 9.5 14.3#

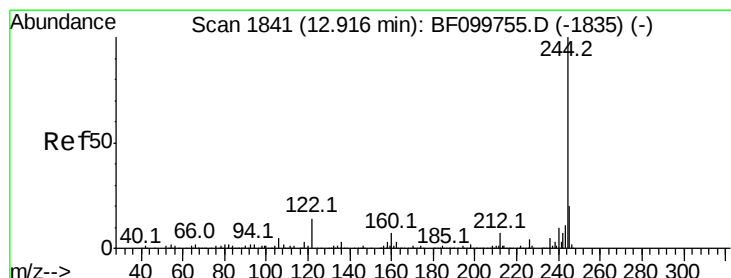
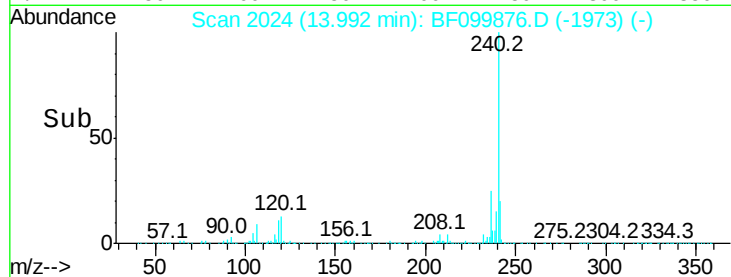
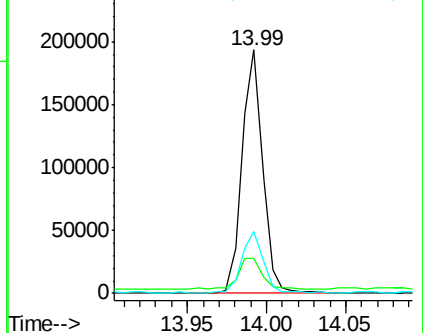
236 25.2 20.7 31.1



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: 98.697 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF099876.D

Acq: 27 Oct 2017 14:45

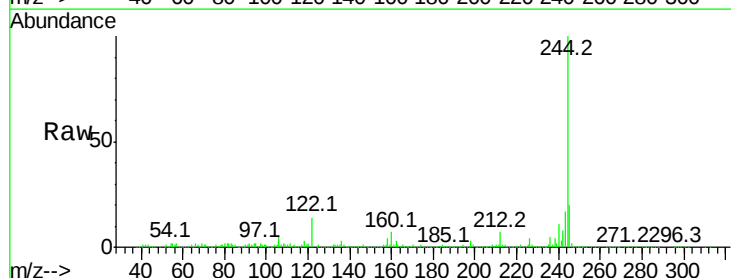
Tgt Ion:244 Resp: 784996

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

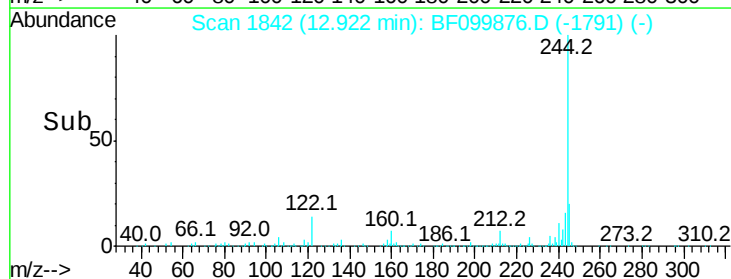
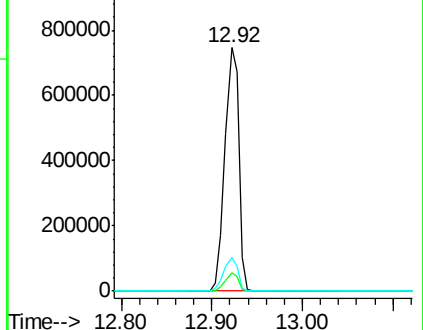
122 13.7 11.0 16.4

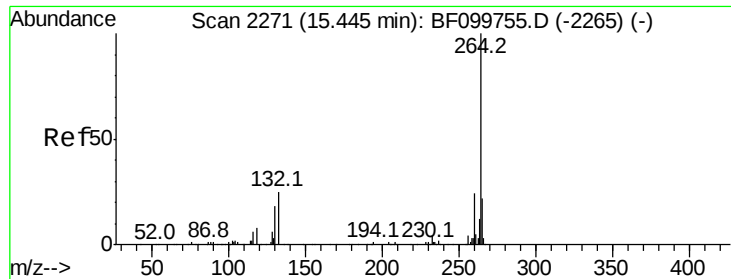


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

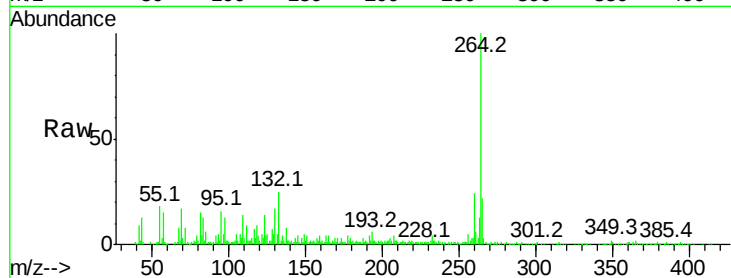




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.02 min
Lab File: BF099876.D
Acq: 27 Oct 2017 14:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.4	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

