

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
 Data File : BF099895.D
 Acq On : 28 Oct 2017 00:36
 Operator : SJ/JU
 Sample : I6029-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 28 01:54:32 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

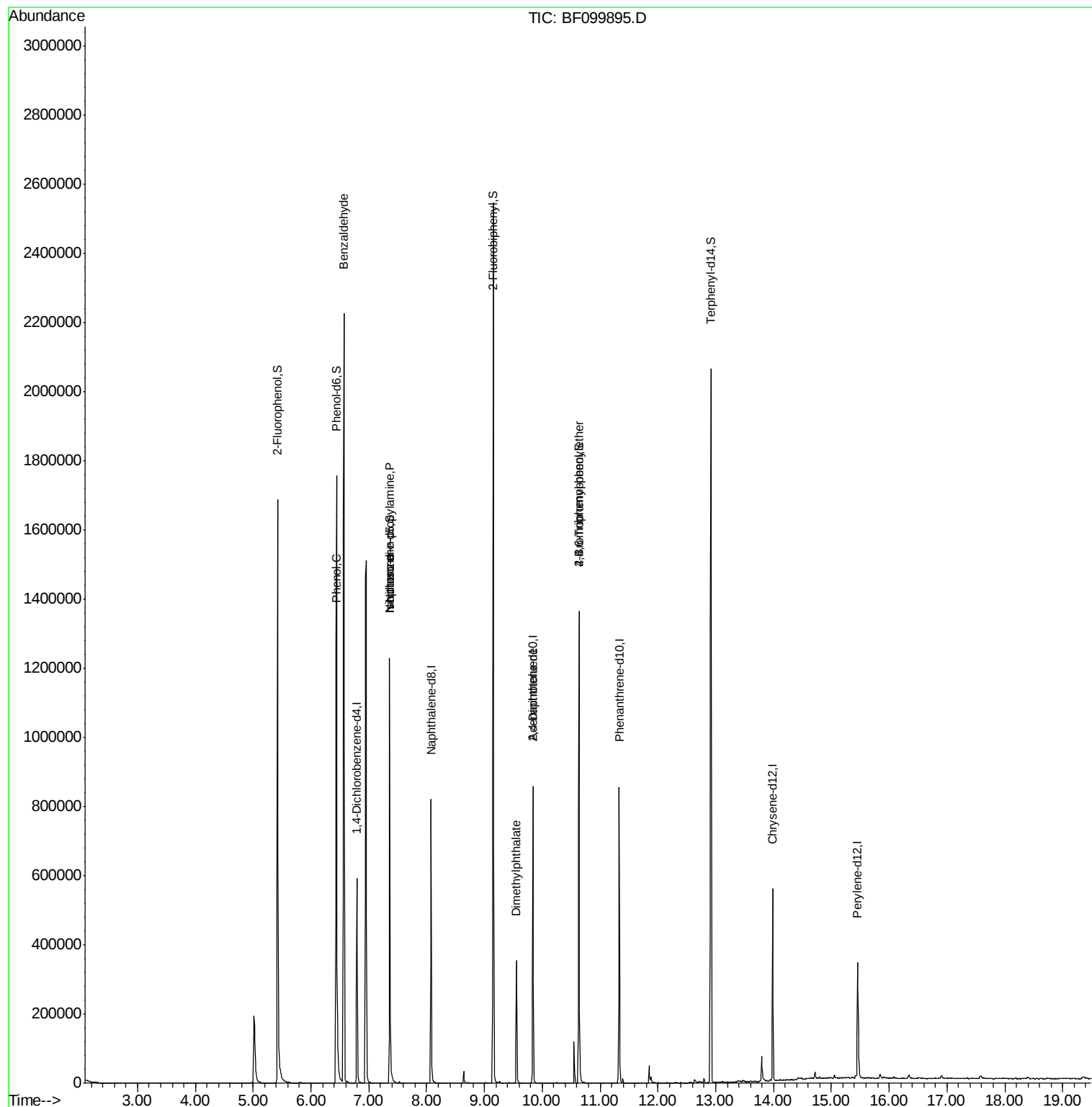
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	94527	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	400857	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	187157	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	331391	20.00	ng	0.00
75) Chrysene-d12	13.99	240	198452	20.00	ng	0.00
86) Perylene-d12	15.46	264	166005	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	642017	106.63	ng	0.00
7) Phenol-d6	6.44	99	773222	108.31	ng	0.00
23) Nitrobenzene-d5	7.36	82	443899	71.29	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	174386	102.24	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	872229	71.90	ng	0.00
78) Terphenyl-d14	12.92	244	696195	76.67	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.57	77	11414	2.68	ng	91
10) Phenol	6.45	94	40994	5.23	ng	96
19) n-Nitroso-di-n-propylamine	7.36	70	54599	13.05	ng	# 73
25) Isophorone	7.36	82	443899	39.29	ng	# 64
49) Dimethylphthalate	9.55	163	163549	11.03	ng	100
56) 2,4-Dinitrotoluene	9.83	165	23585	6.29	ng	# 21
66) 4-Bromophenyl-phenylether	10.63	248	11420	3.27	ng	# 1

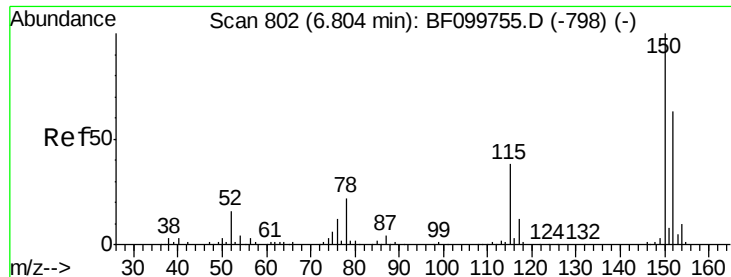
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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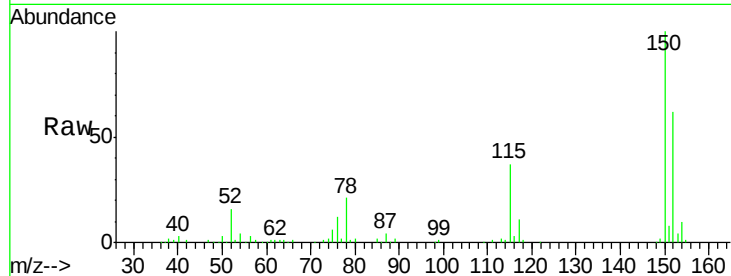


#1

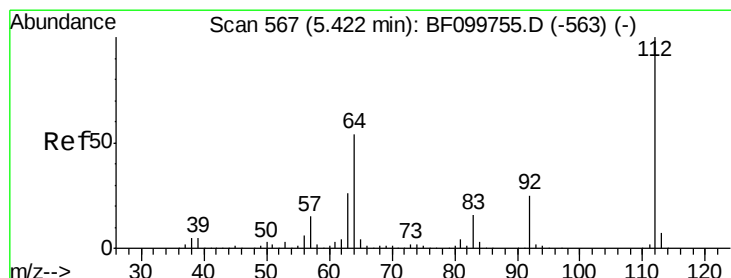
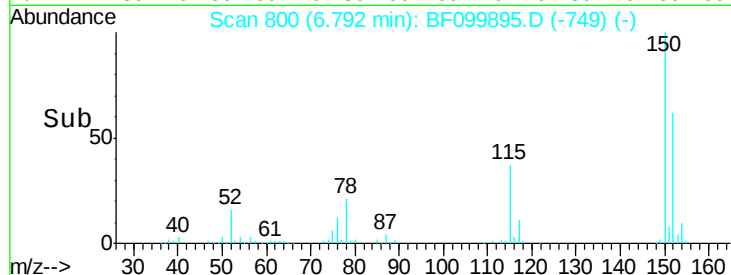
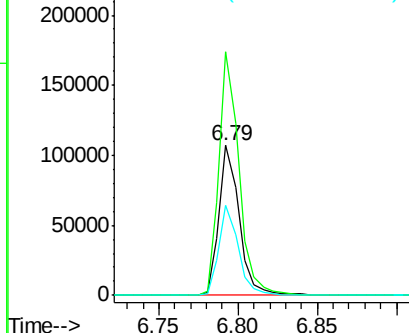
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF099895.D
Acq: 28 Oct 2017 00:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 94527
Ion Ratio Lower Upper
152 100
150 162.5 124.6 186.8
115 59.7 50.1 75.1



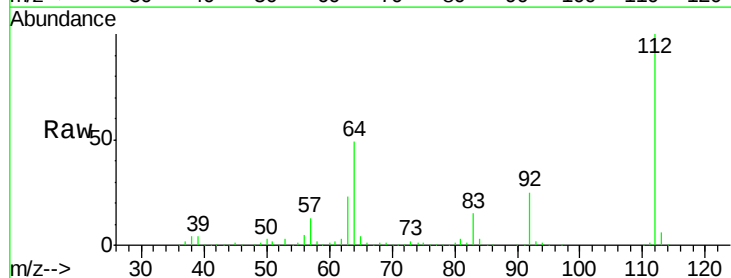
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



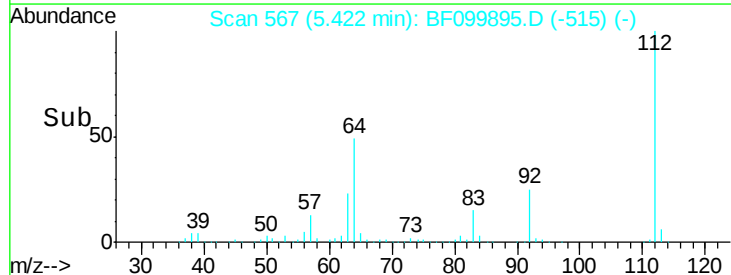
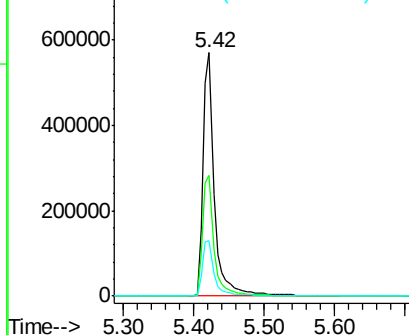
#5

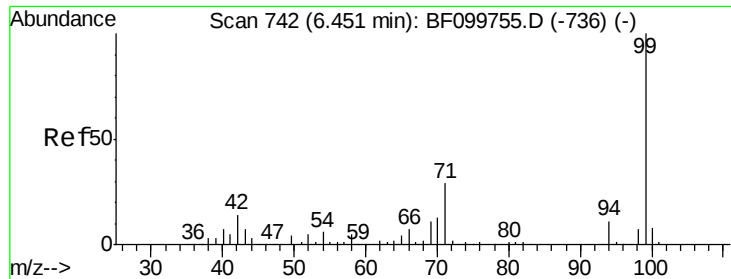
2-Fluorophenol
Concen: 106.63 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF099895.D
Acq: 28 Oct 2017 00:36

Tgt Ion:112 Resp: 642017
Ion Ratio Lower Upper
112 100
64 49.5 47.9 71.9
63 22.9 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: 108.31 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF099895.D

Acq: 28 Oct 2017 00:36

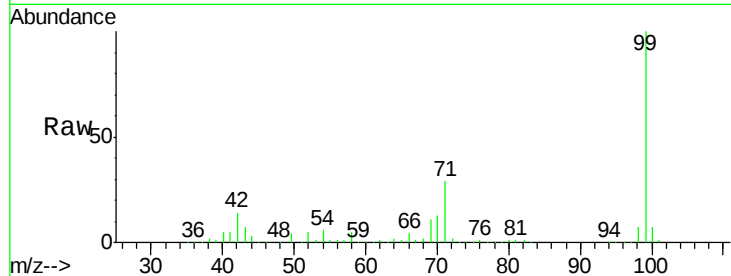
Instrument :

BNA_F

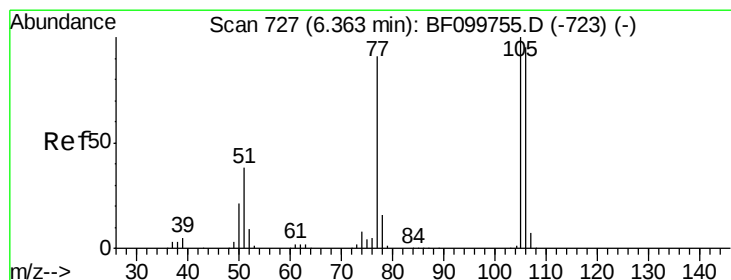
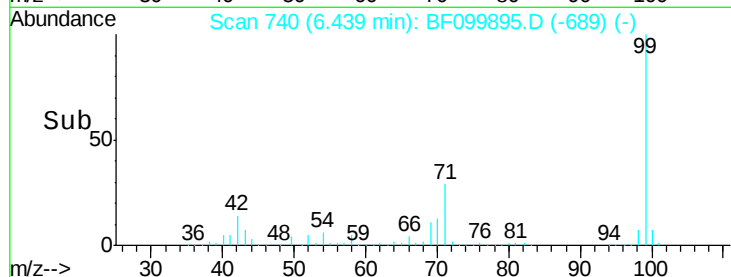
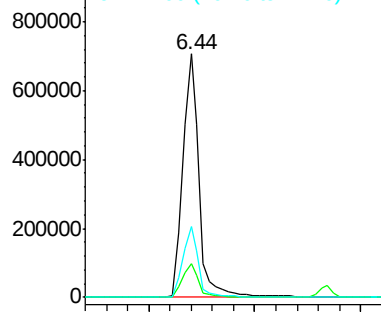
ClientSampleId :

Tot Ion: 99 Resp: 773222

Ion	Ratio	Lower	Upper
99	100		
42	13.9	14.5	21.7#
71	29.0	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: 2.68 ng

RT: 6.57 min Scan# 762

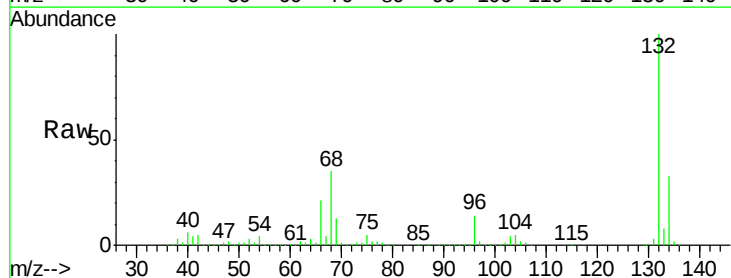
Delta R.T. 0.21 min

Lab File: BF099895.D

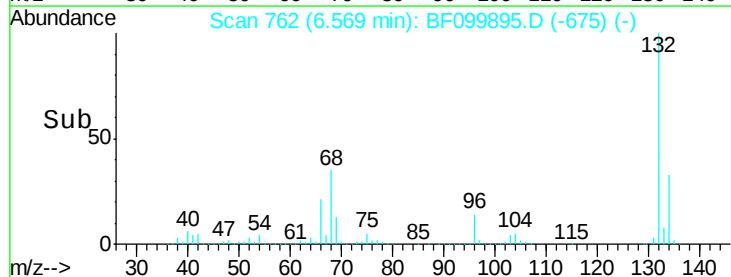
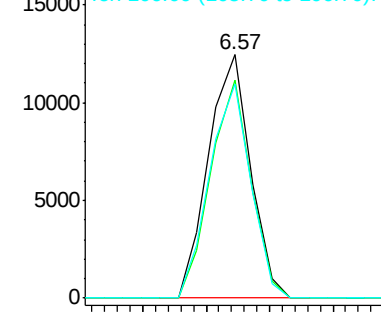
Acq: 28 Oct 2017 00:36

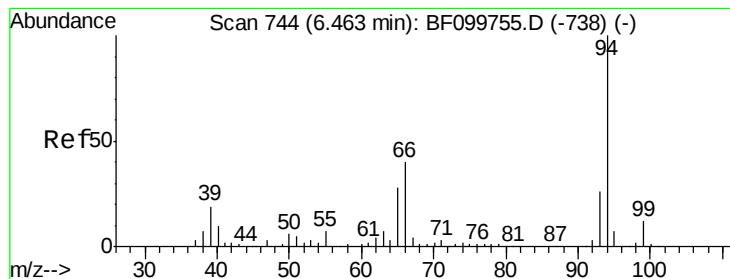
Tgt Ion: 77 Resp: 11414

Ion	Ratio	Lower	Upper
77	100		
105	89.5	81.1	121.1
106	87.9	74.5	114.5



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





#10

Phenol

Concen: 5.23 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF099895.D

Acq: 28 Oct 2017 00:36

Instrument :

BNA_F

ClientSampleId :

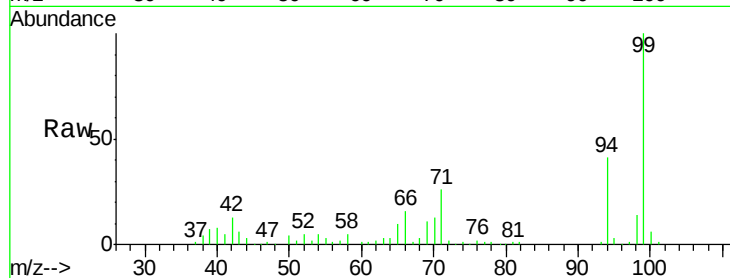
Tot Ion: 94 Resp: 40994

Ion Ratio Lower Upper

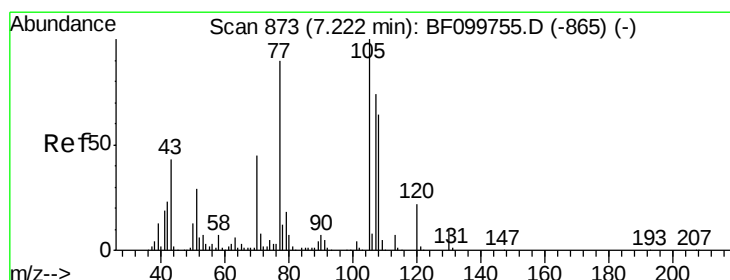
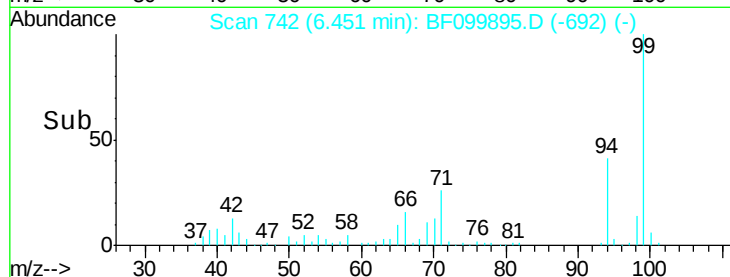
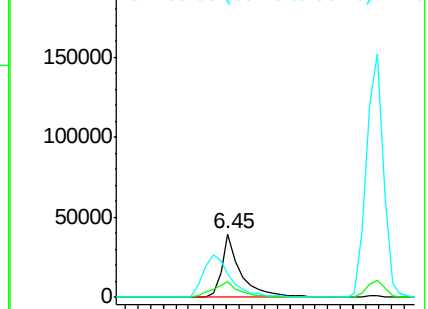
94 100

65 25.5 7.9 47.9

66 37.9 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: 13.05 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF099895.D

Acq: 28 Oct 2017 00:36

Tgt Ion: 70 Resp: 54599

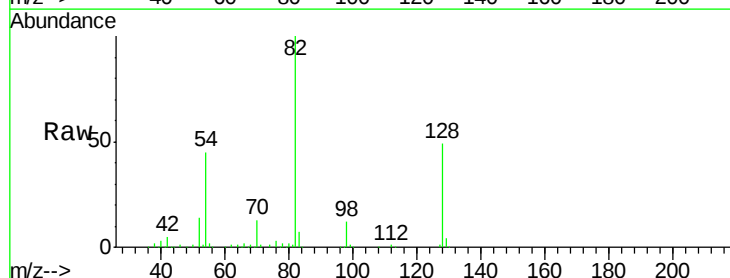
Ion Ratio Lower Upper

70 100

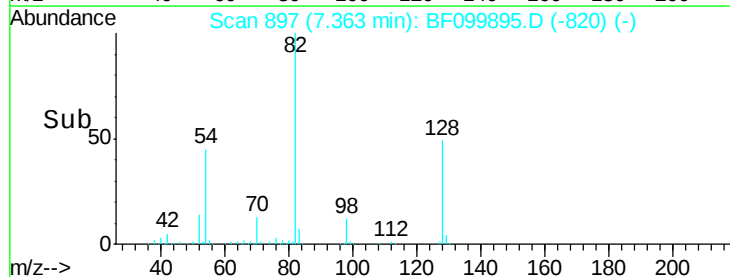
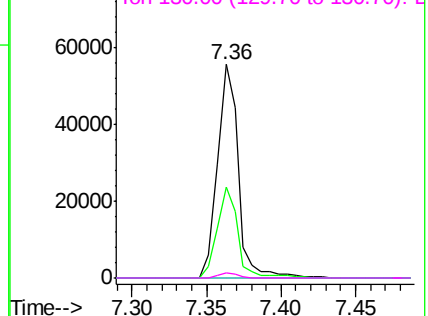
42 42.6 47.5 71.3#

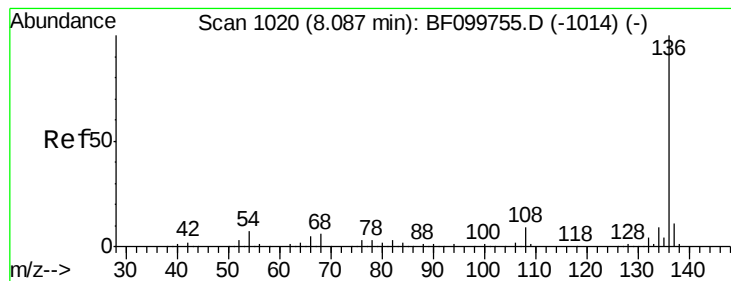
101 0.0 7.4 11.2#

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: 20.00 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF099895.D

Acq: 28 Oct 2017 00:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 400857

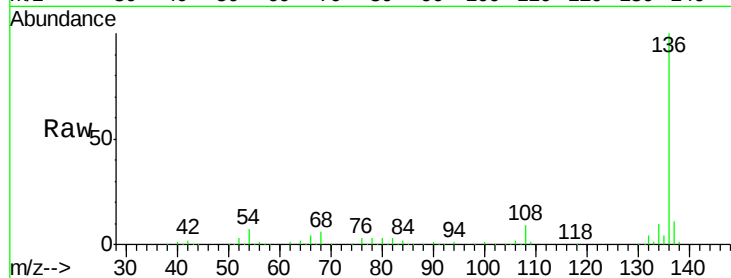
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.0 6.6 9.8

68 6.0 5.0 7.4

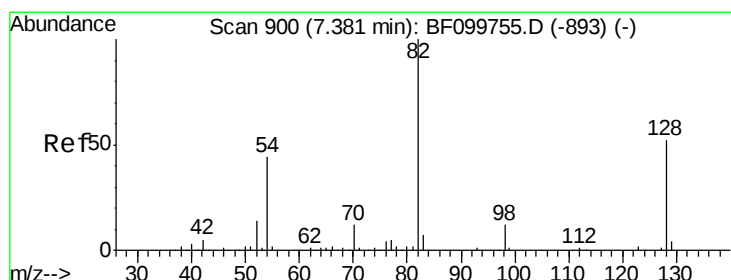
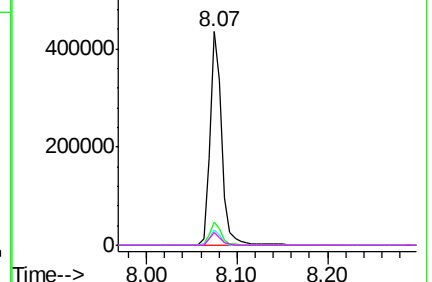
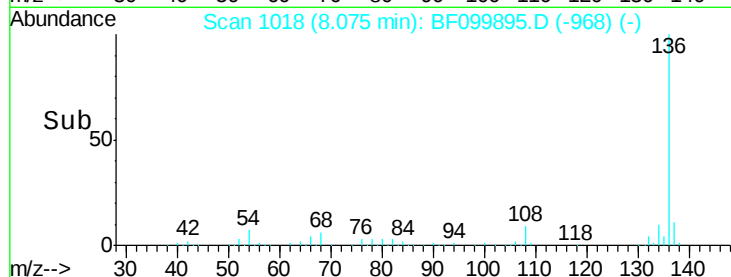


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.29 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF099895.D

Acq: 28 Oct 2017 00:36

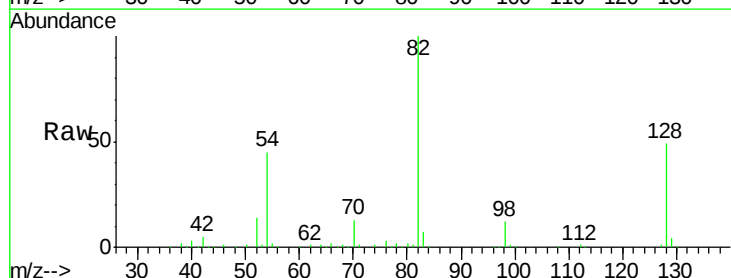
Tgt Ion: 82 Resp: 443899

Ion Ratio Lower Upper

82 100

128 48.7 36.1 54.1

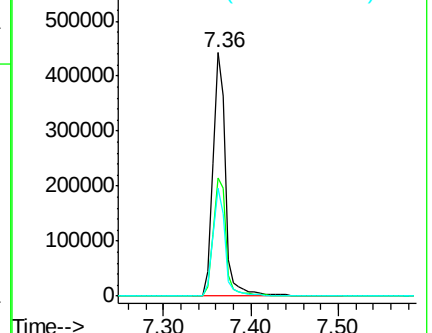
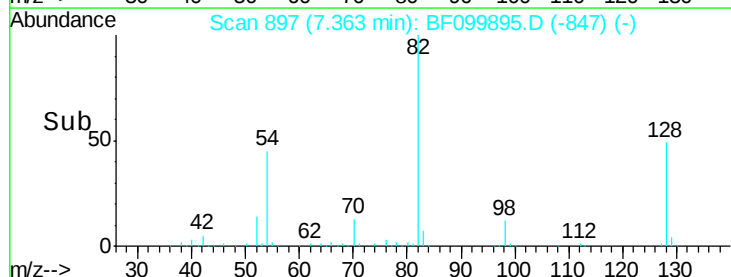
54 44.5 41.4 62.2

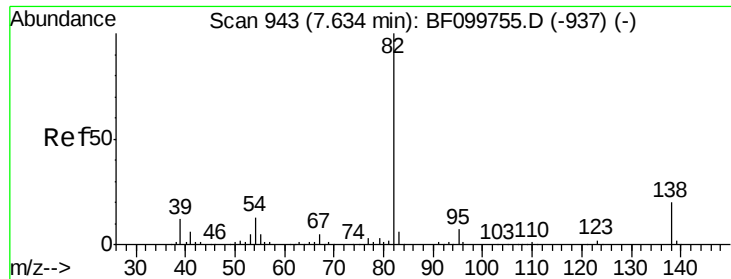


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 39.29 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF099895.D

Acq: 28 Oct 2017 00:36

Instrument :

BNA_F

ClientSampled :

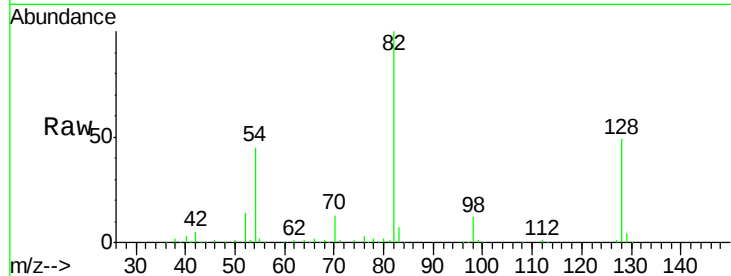
Tot Ion: 82 Resp: 443899

Ion Ratio Lower Upper

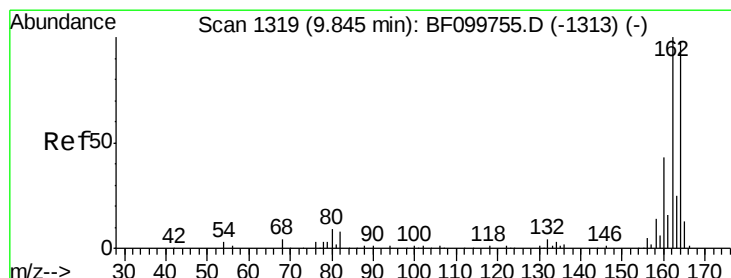
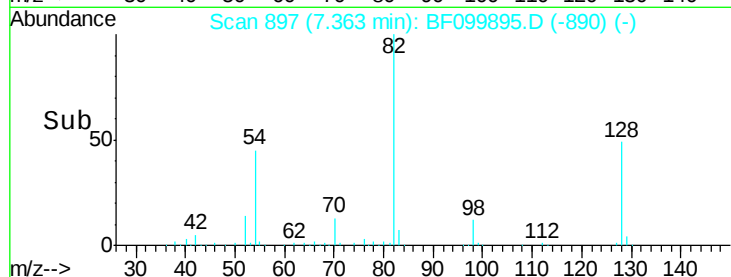
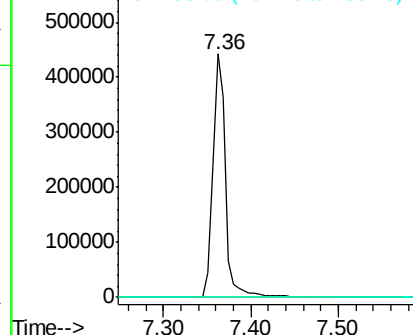
82 100

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: 20.00 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF099895.D

Acq: 28 Oct 2017 00:36

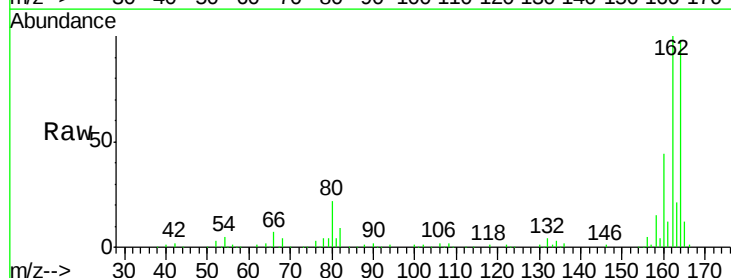
Tgt Ion: 164 Resp: 187157

Ion Ratio Lower Upper

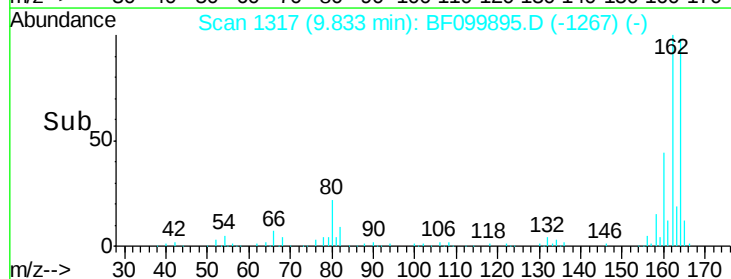
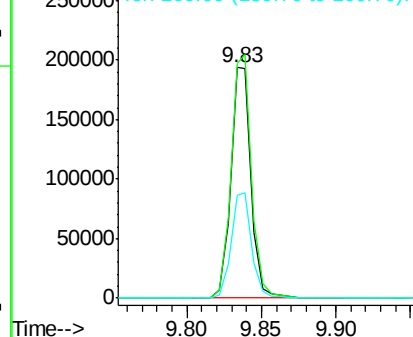
164 100

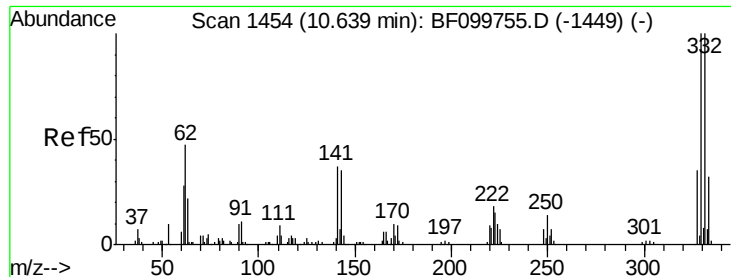
162 101.8 86.1 129.1

160 44.7 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

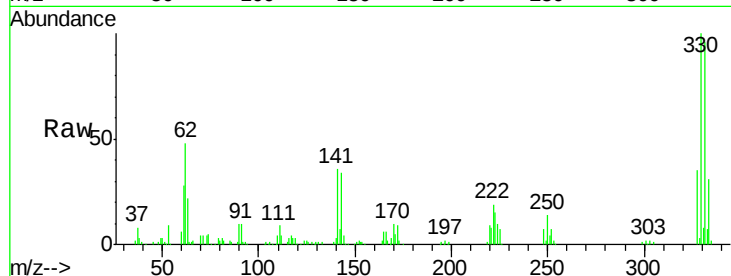




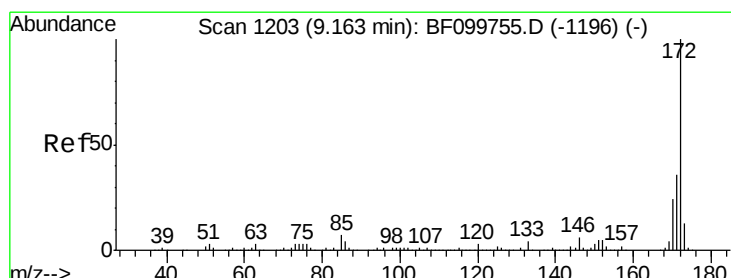
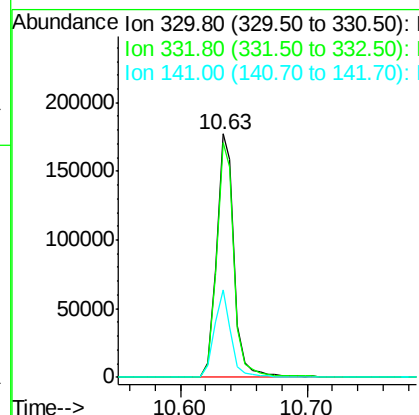
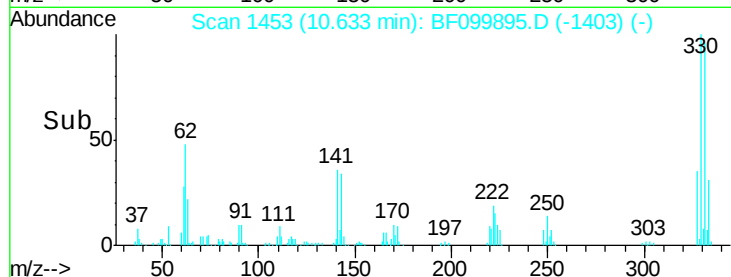
#41
 2,4,6-Tribromophenol
 Concen: 102.24 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF099895.D
 Acq: 28 Oct 2017 00:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	33.8	29.9	44.9

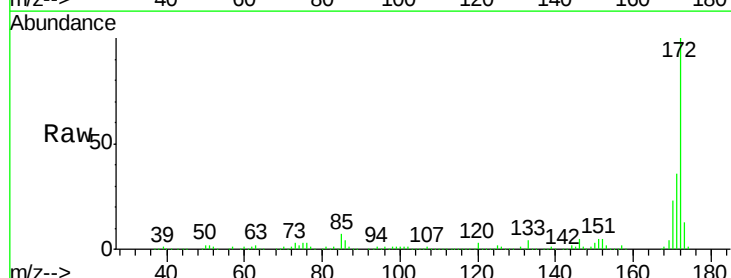


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

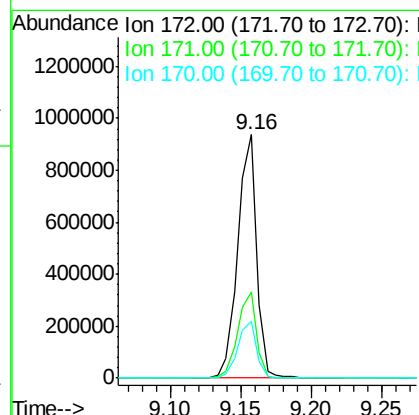
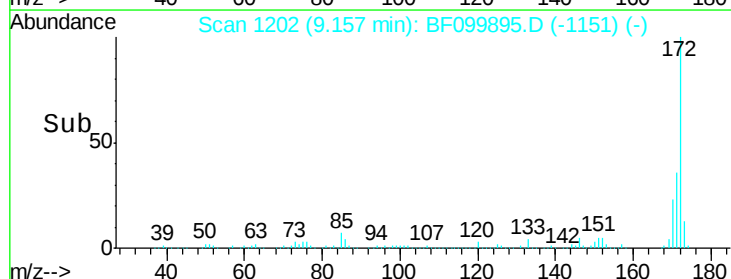


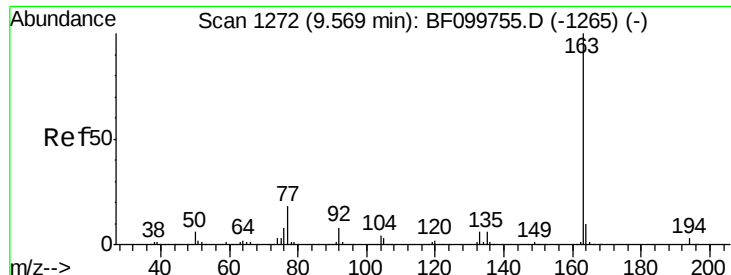
#44
 2-Fluorobiphenyl
 Concen: 71.90 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF099895.D
 Acq: 28 Oct 2017 00:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.5	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

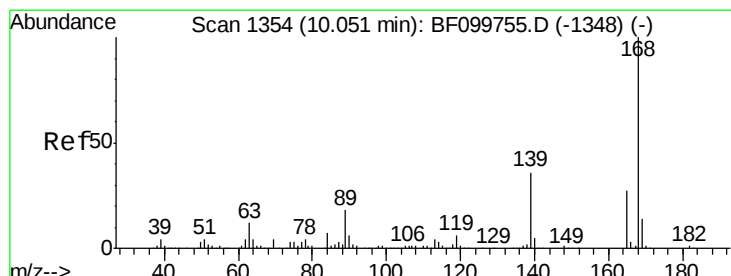
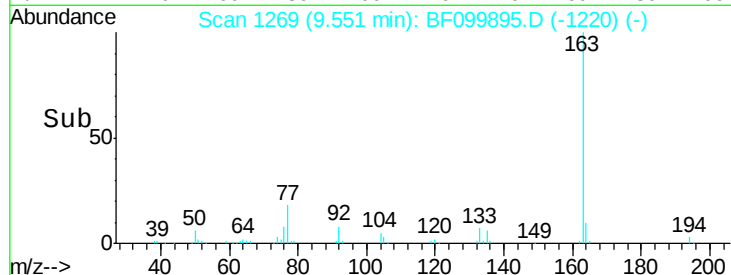
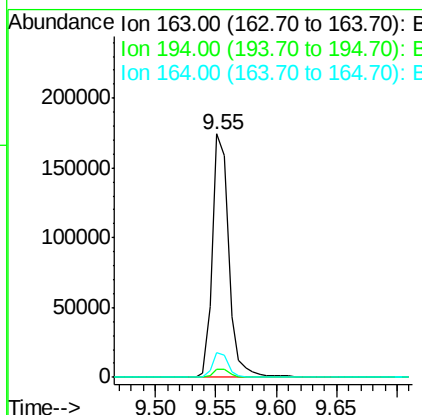
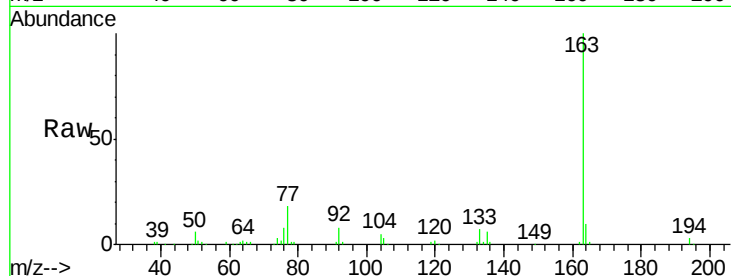




#49
 Dimethylphthalate
 Concen: 11.03 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF099895.D
 Acq: 28 Oct 2017 00:36

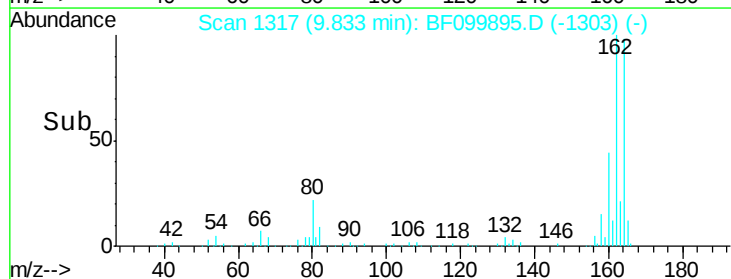
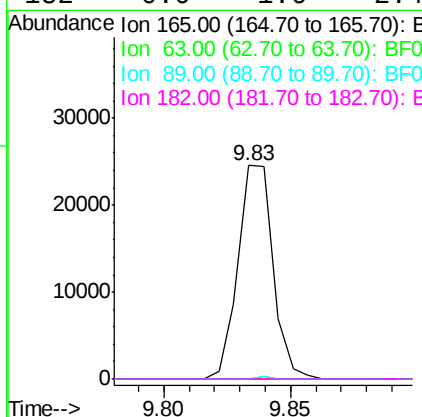
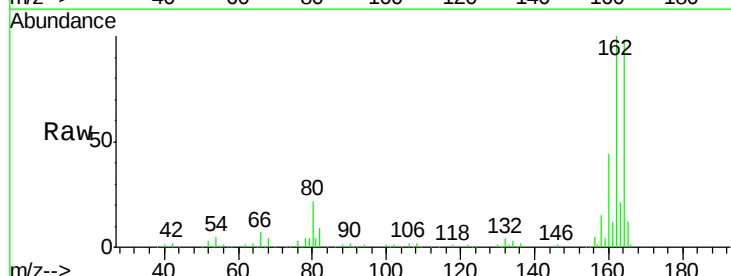
Instrument :
 BNA_F
 ClientSampleId :

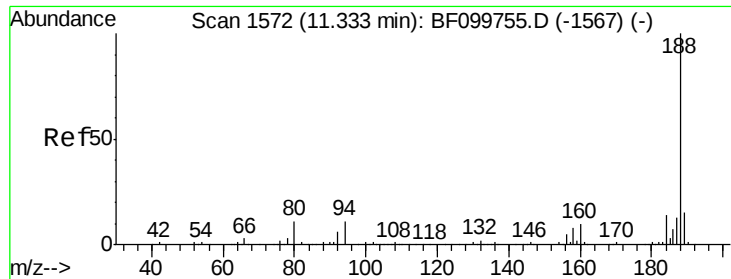
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.2	8.2	12.2



#56
 2,4-Dinitrotoluene
 Concen: 6.29 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.22 min
 Lab File: BF099895.D
 Acq: 28 Oct 2017 00:36

Tgt 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#

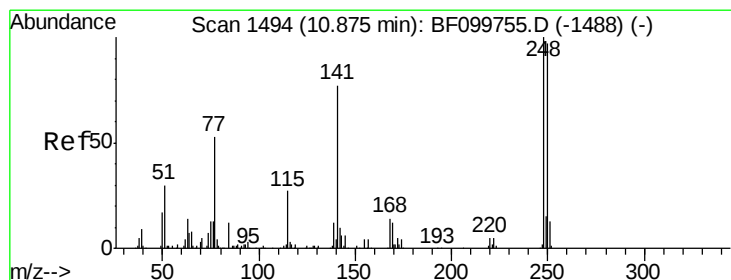
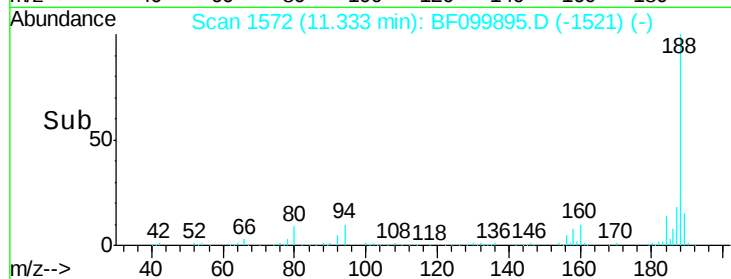
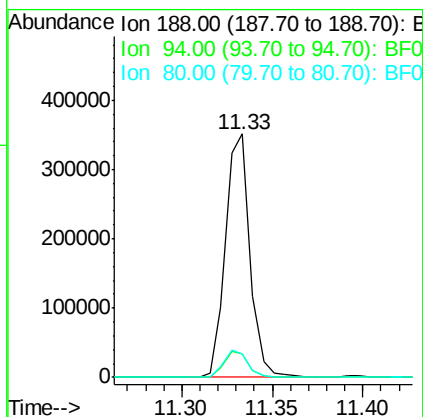
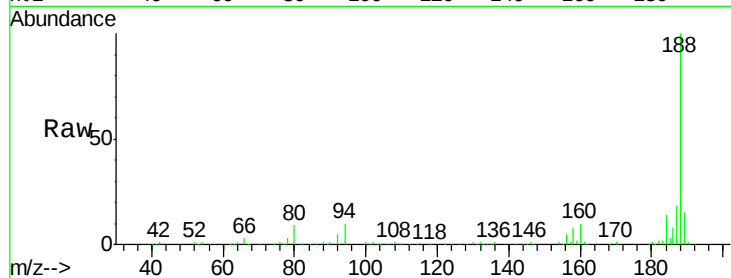




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099895.D
Acq: 28 Oct 2017 00:36

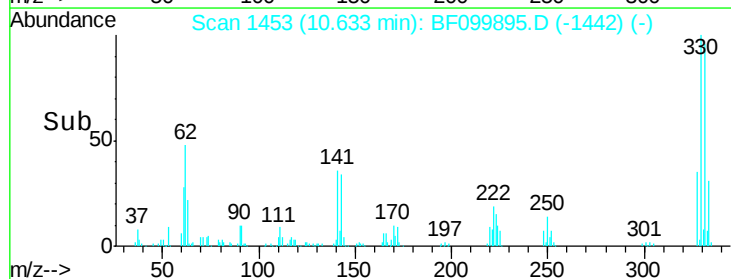
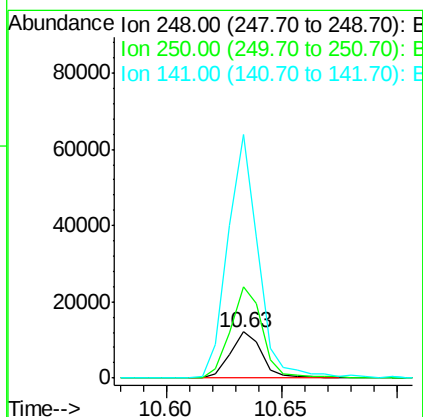
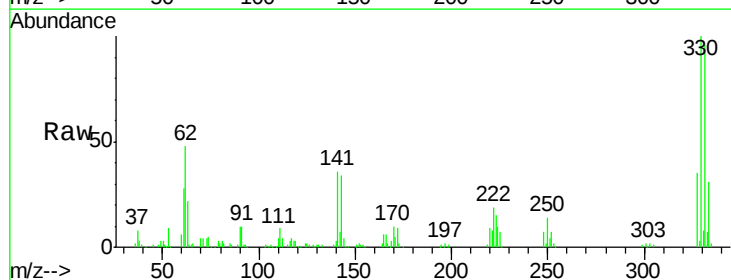
Instrument :
BNA_F
ClientSampleId :

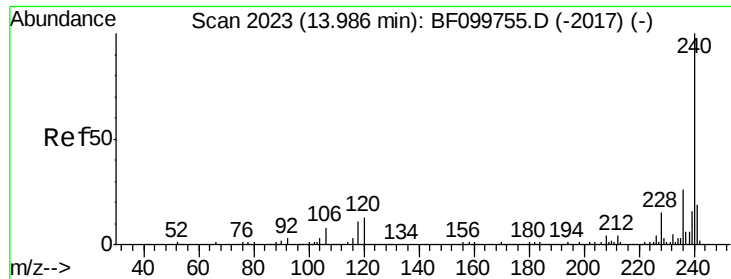
Tot Ion:188 Resp: 331391
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 9.4 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.27 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF099895.D
Acq: 28 Oct 2017 00:36

Tgt Ion:248 Resp: 11420
Ion Ratio Lower Upper
248 100
250 199.2 76.9 115.3#
141 529.5 74.4 111.6#

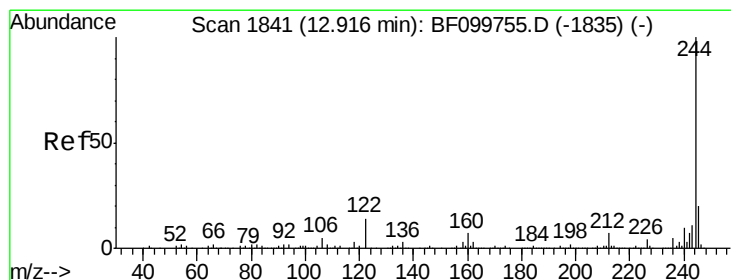
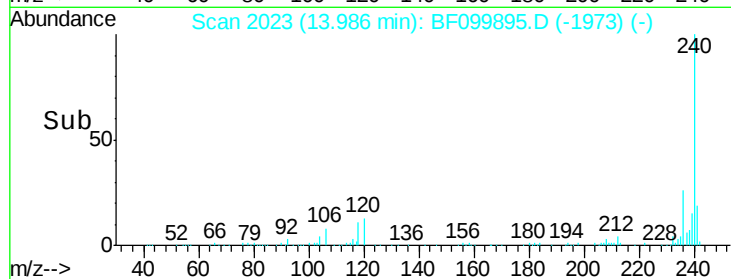
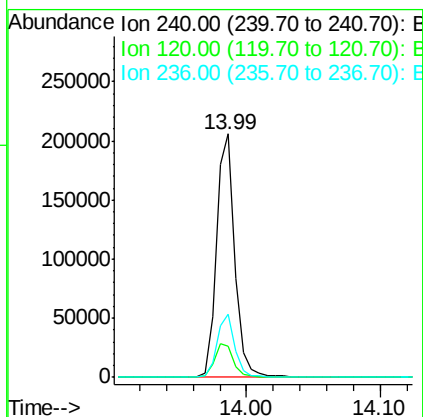
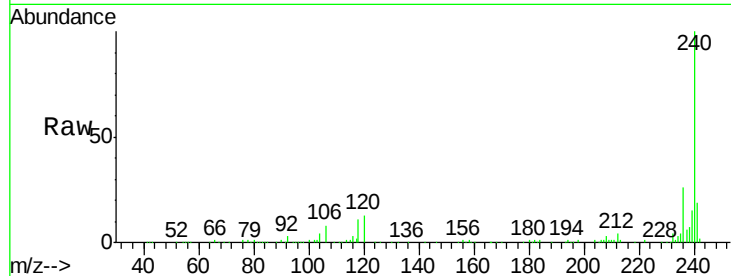




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF099895.D
 Acq: 28 Oct 2017 00:36

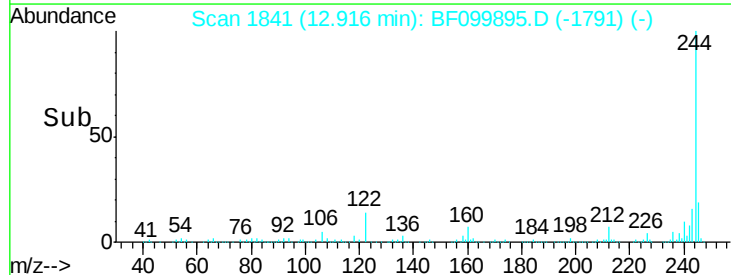
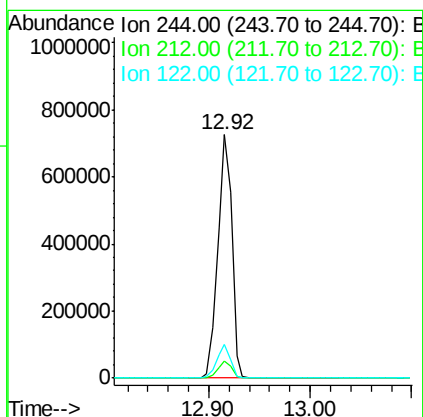
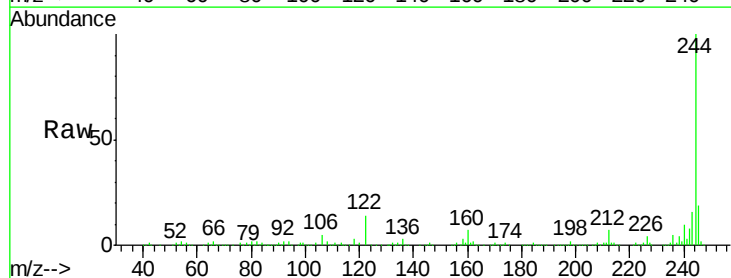
Instrument :
 BNA_F
 ClientSampled :

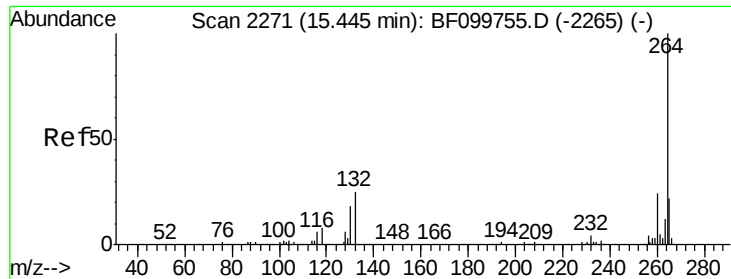
Tot Ion:240 Resp: 198452
 Ion Ratio Lower Upper
 240 100
 120 13.0 9.5 14.3
 236 26.1 20.7 31.1



#78
 Terphenyl-d14
 Concen: 76.67 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF099895.D
 Acq: 28 Oct 2017 00:36

Tgt Ion:244 Resp: 696195
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.8 11.0 16.4





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: BF099895.D
 Acq: 28 Oct 2017 00:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	166005
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.1	17.5	26.3

