

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
 Data File : BF099283.D
 Acq On : 10 Oct 2017 1:00
 Operator : SJ/JU
 Sample : I5651-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 04:45:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

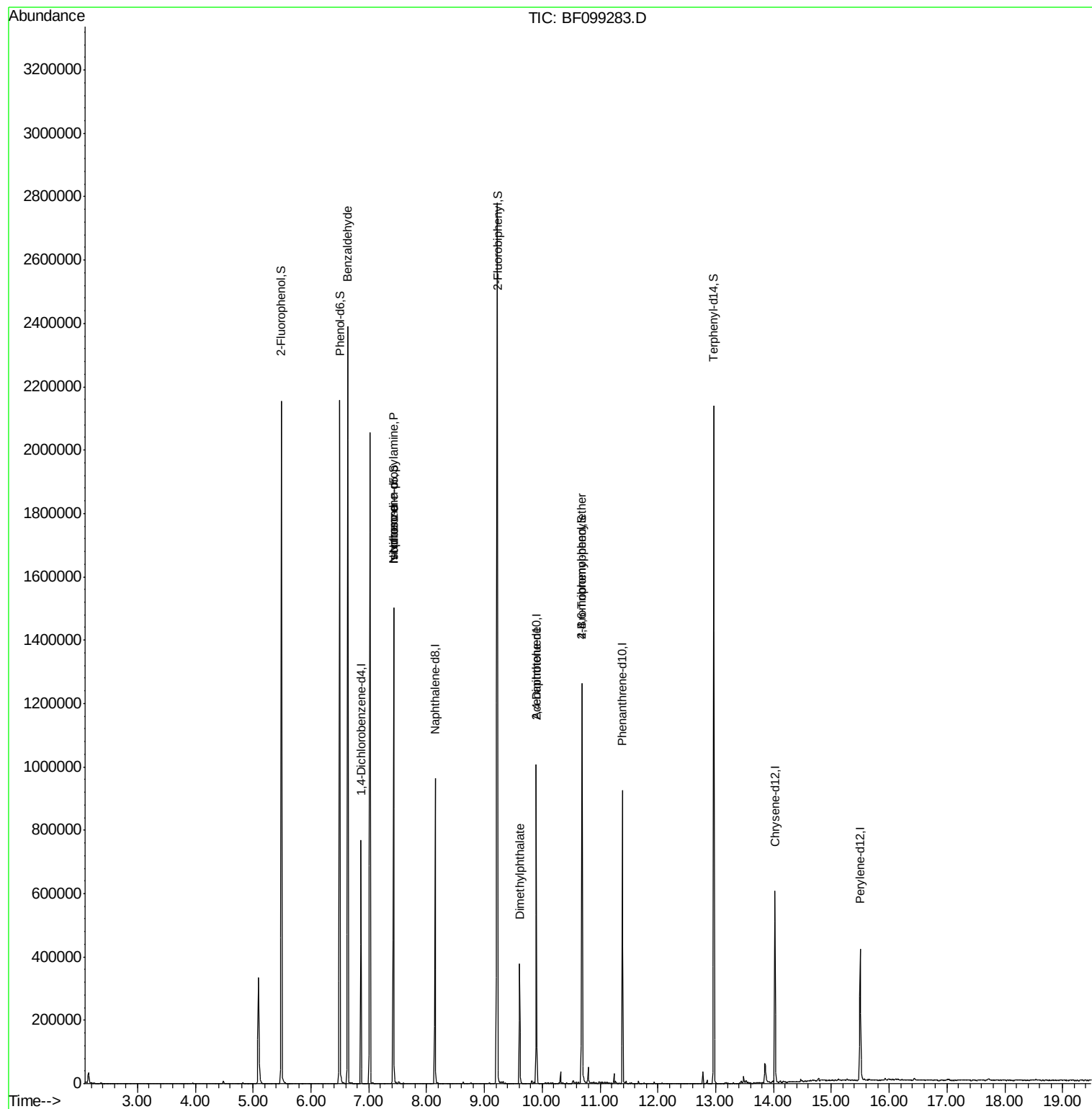
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	105873	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	428453	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	188749	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	297271	20.00	ng	0.00
75) Chrysene-d12	14.03	240	198923	20.00	ng	0.00
86) Perylene-d12	15.50	264	193339	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	709851	106.73	ng	0.00
7) Phenol-d6	6.50	99	853479	104.03	ng	0.00
23) Nitrobenzene-d5	7.43	82	508317	76.08	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	164216	106.32	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	963005	85.17	ng	0.00
78) Terphenyl-d14	12.97	244	669063	76.49	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	13809	2.90	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.43	70	63639	12.15	ng	# 74
25) Isophorone	7.43	82	508311	36.80	ng	# 64
49) Dimethylphthalate	9.61	163	143282	10.06	ng	99
56) 2,4-Dinitrotoluene	9.90	165	23594	5.86	ng	# 22
66) 4-Bromophenyl-phenylether	10.69	248	10879	3.74	ng	# 1

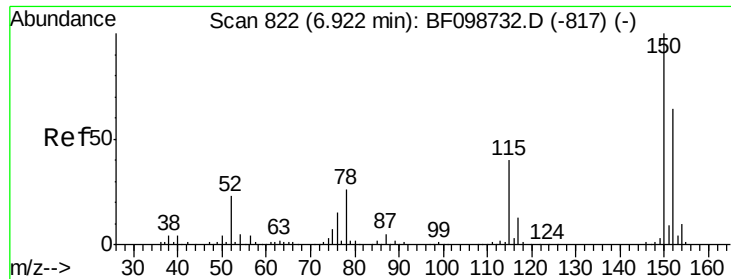
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF099283.D

Acq: 10 Oct 2017 1:00

Instrument :

BNA_F

ClientSampled :

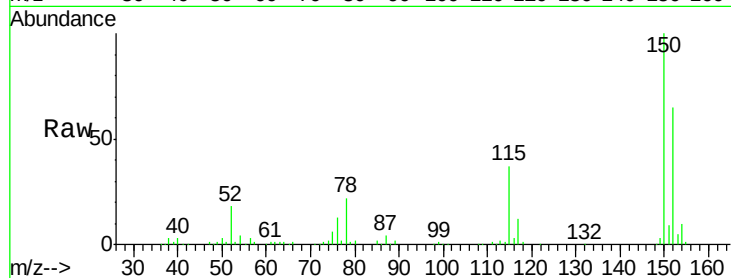
Tot Ion:152 Resp: 105873

Ion Ratio Lower Upper

152 100

150 154.9 124.6 186.8

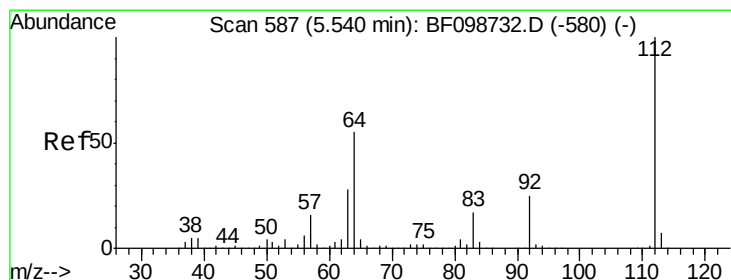
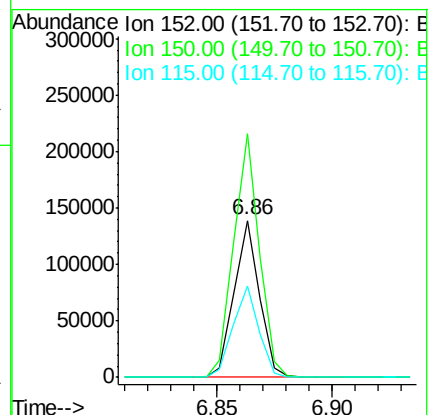
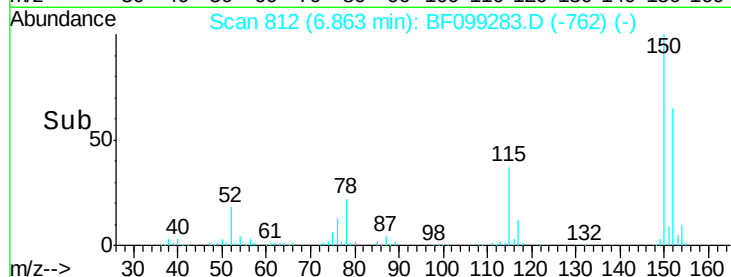
115 58.1 50.1 75.1



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: 106.73 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF099283.D

Acq: 10 Oct 2017 1:00

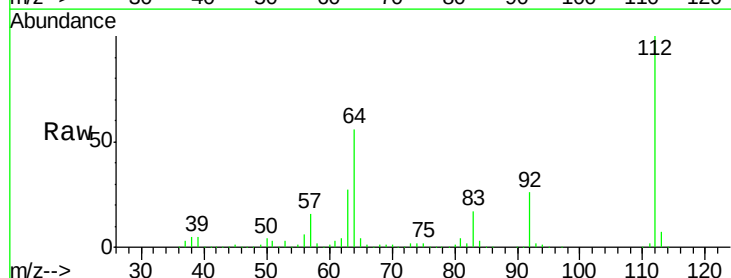
Tgt Ion:112 Resp: 709851

Ion Ratio Lower Upper

112 100

64 56.1 47.9 71.9

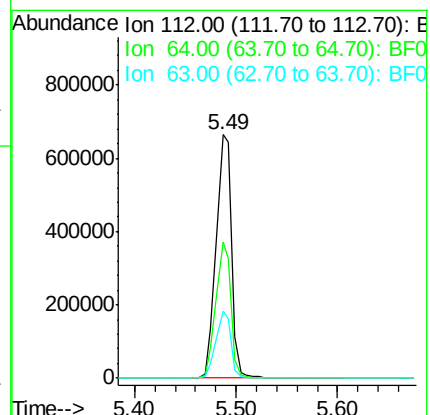
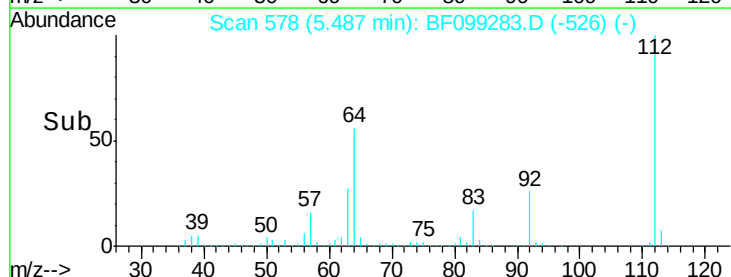
63 27.3 23.7 35.5

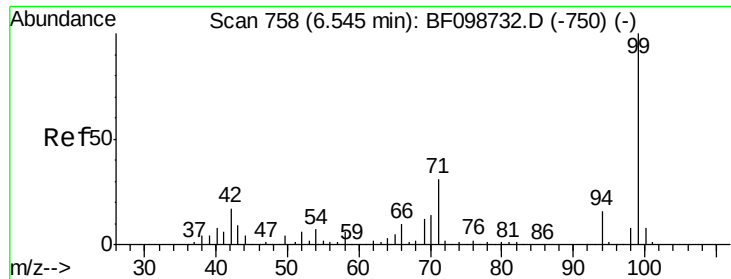


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.03 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099283.D

Acq: 10 Oct 2017 1:00

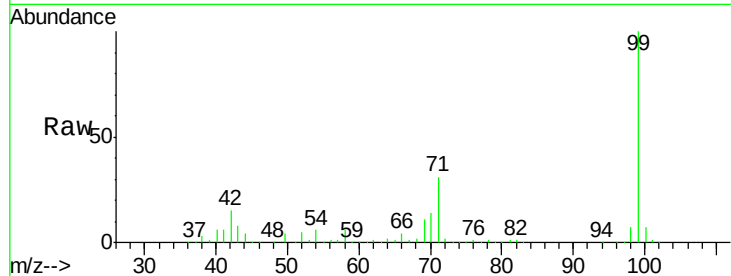
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 853479

Ion	Ratio	Lower	Upper
99	100		
42	15.3	14.5	21.7
71	31.0	25.4	38.0

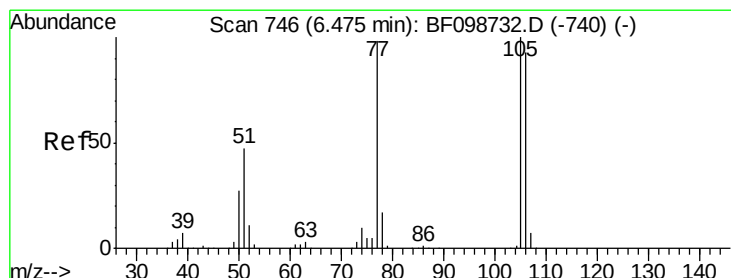
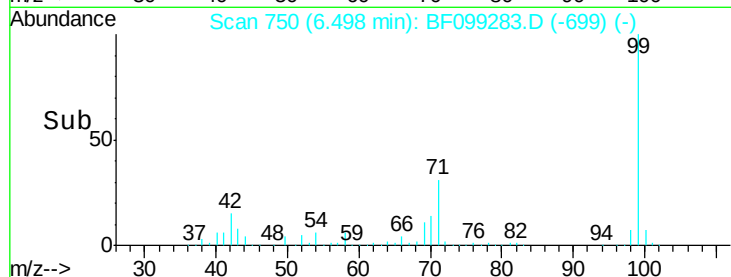
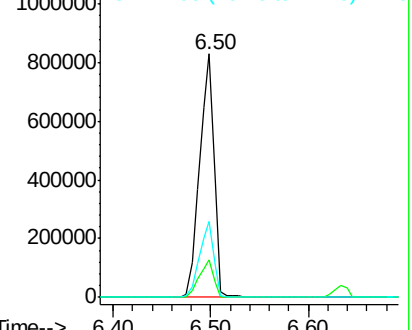


Abundance

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: 2.90 ng

RT: 6.63 min Scan# 773

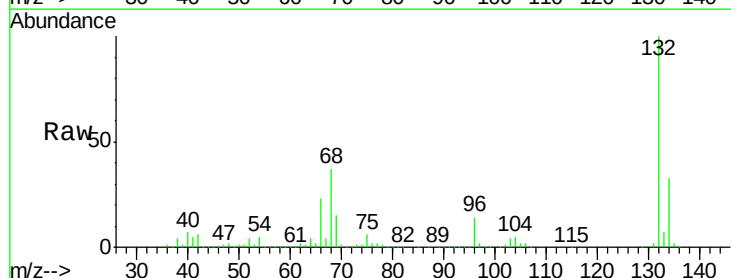
Delta R.T. 0.21 min

Lab File: BF099283.D

Acq: 10 Oct 2017 1:00

Tgt Ion: 77 Resp: 13809

Ion	Ratio	Lower	Upper
77	100		
105	84.9	81.1	121.1
106	82.2	74.5	114.5

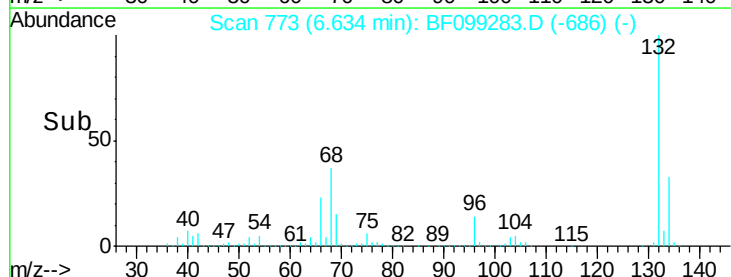
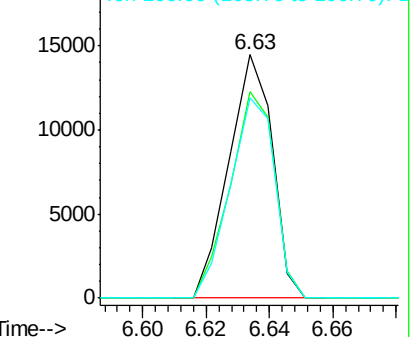


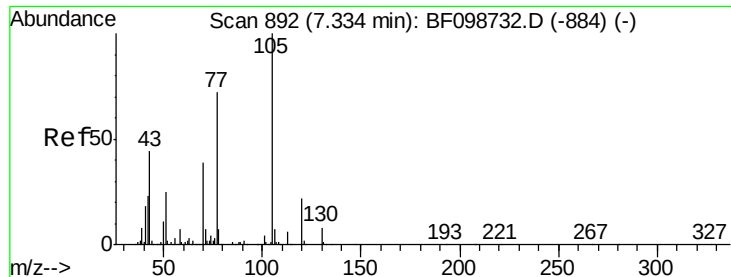
Abundance

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

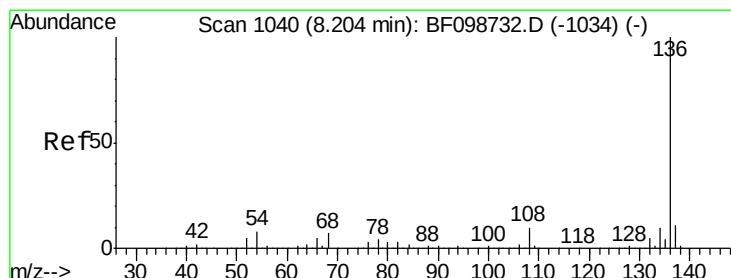
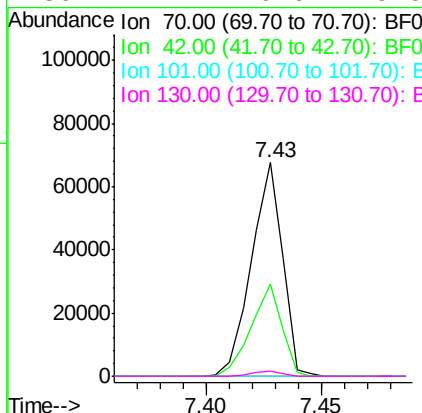
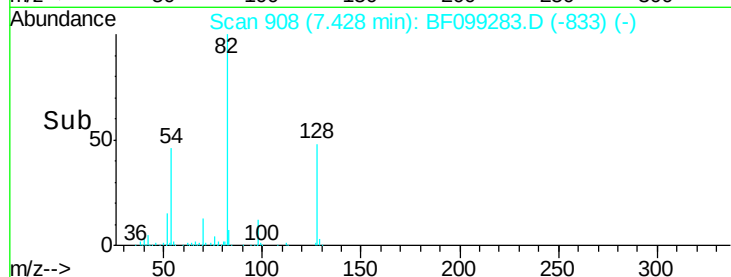
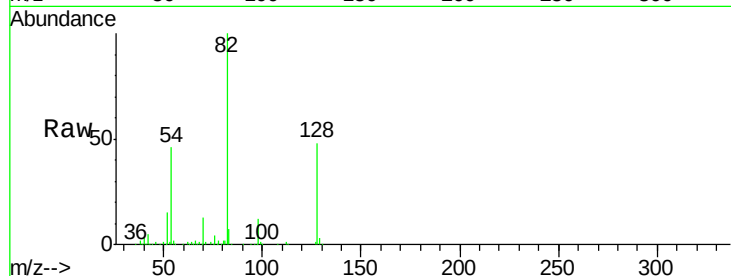




#19
n-Nitroso-di-n-propylamine
Concen: 12.15 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF099283.D
Acq: 10 Oct 2017 1:00

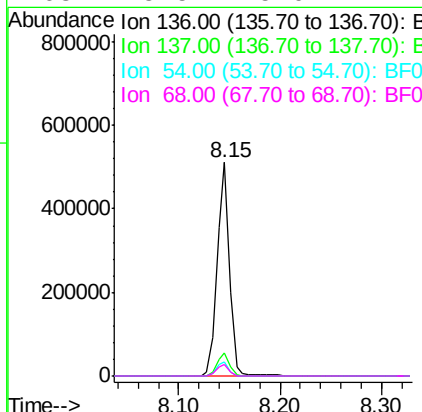
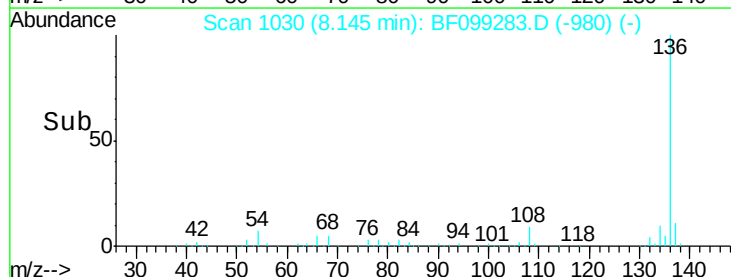
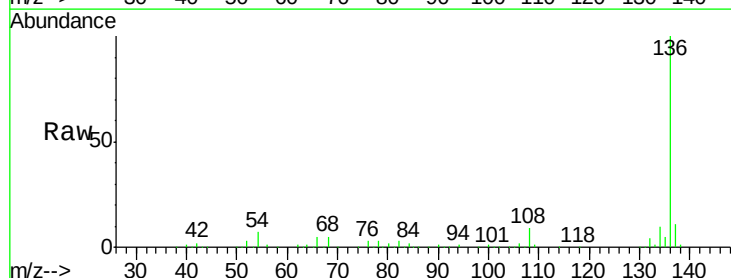
Instrument :
BNA_F
ClientSampleId :

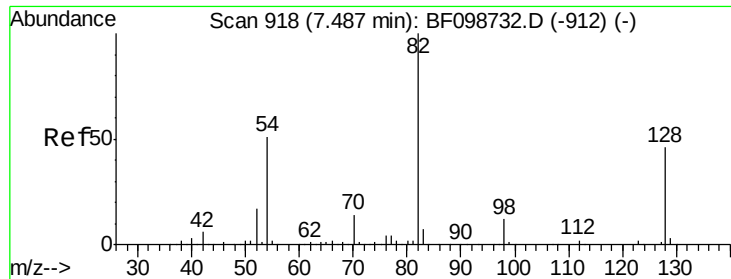
Tot Ion: 70 Resp: 63639
Ion Ratio Lower Upper
70 100
42 43.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099283.D
Acq: 10 Oct 2017 1:00

Tgt Ion: 136 Resp: 428453
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 6.9 6.6 9.8
68 5.5 5.0 7.4

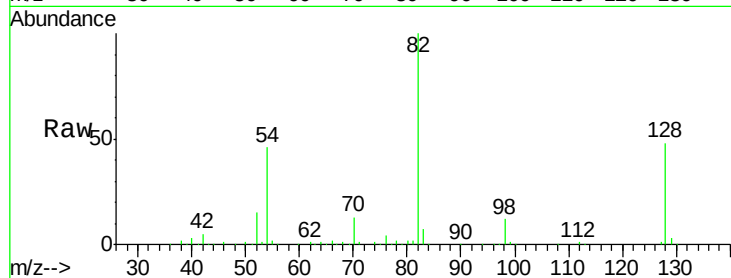




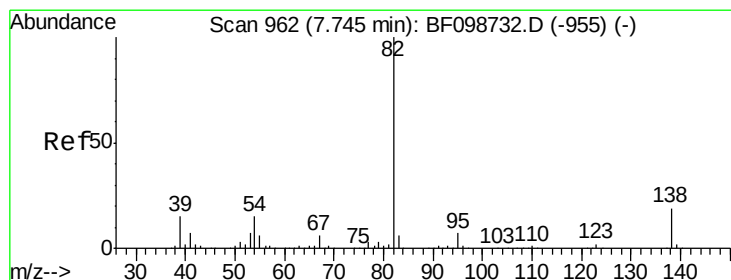
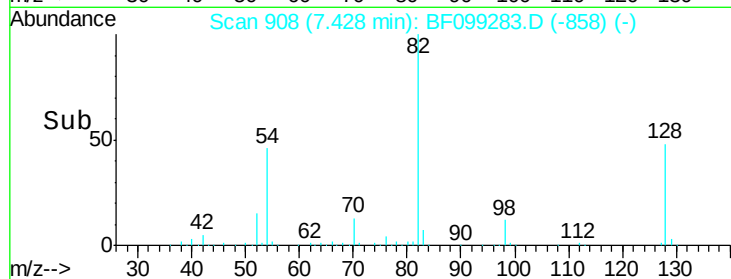
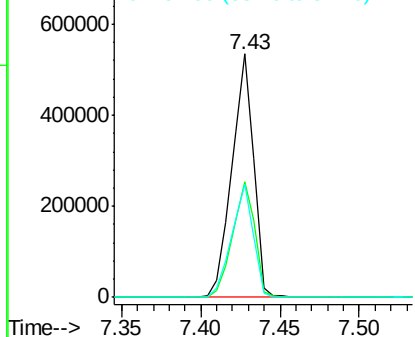
#23
 Nitrobenzene-d5
 Concen: 76.08 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099283.D
 Acq: 10 Oct 2017 1:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	508317
Ion Ratio	100	Lower	Upper
128	47.7	36.1	54.1
54	46.3	41.4	62.2

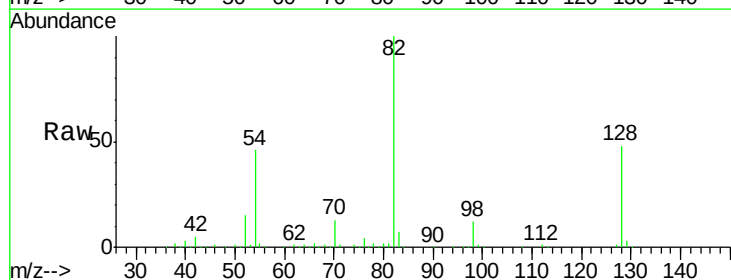


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

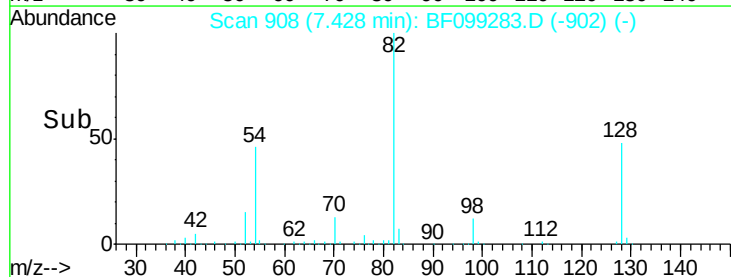
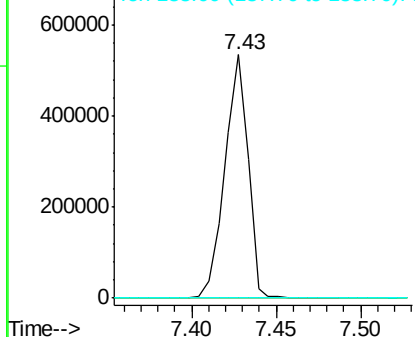


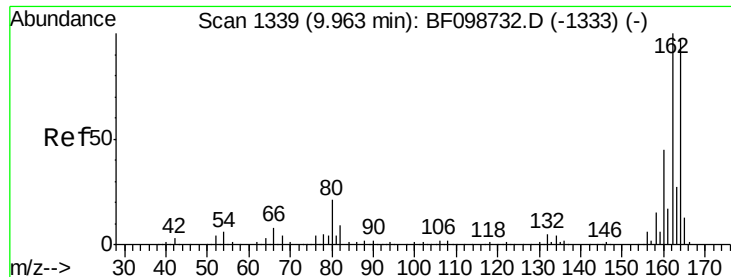
#25
 Isophorone
 Concen: 36.80 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.26 min
 Lab File: BF099283.D
 Acq: 10 Oct 2017 1:00

Tgt Ion	82	Resp	508311
Ion Ratio	100	Lower	Upper
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): BF0

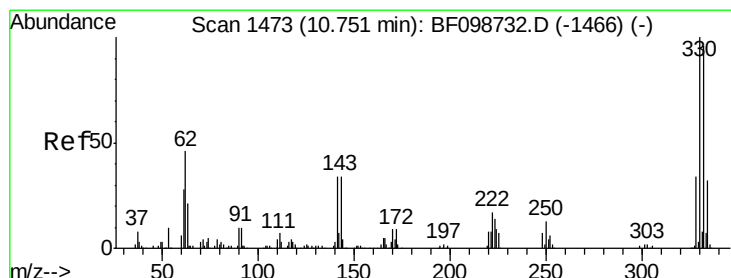
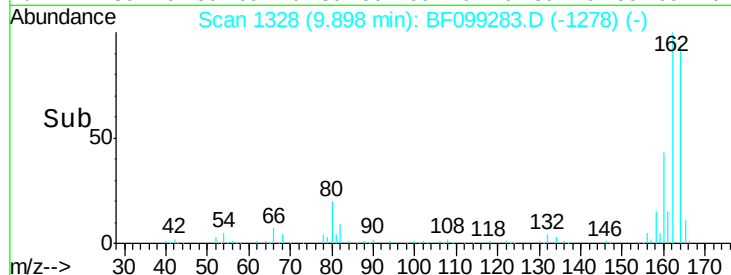
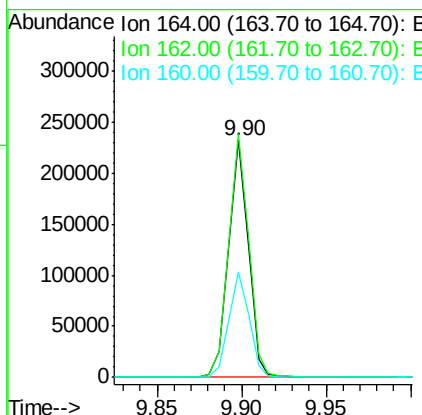
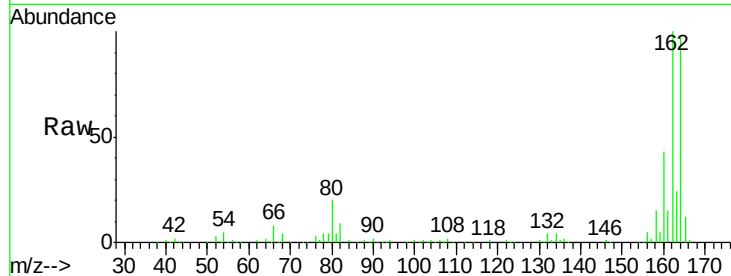




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099283.D
 Acq: 10 Oct 2017 1:00

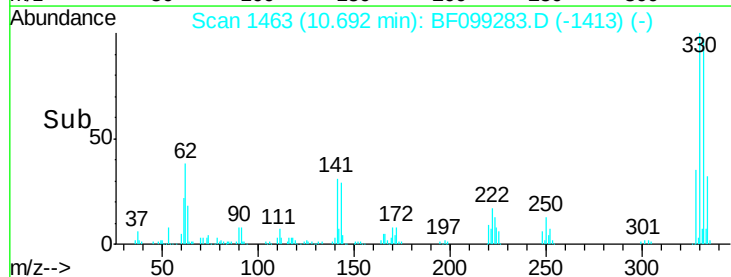
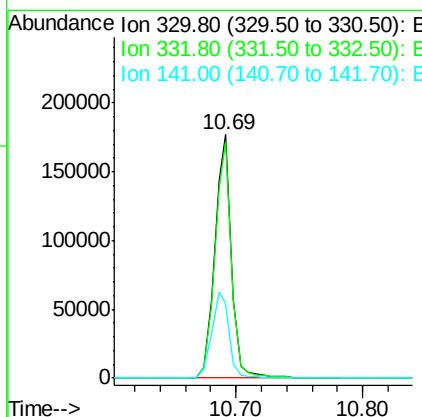
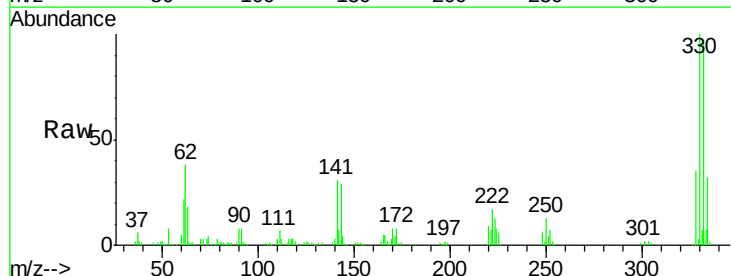
Instrument :
 BNA_F
 ClientSampleId :

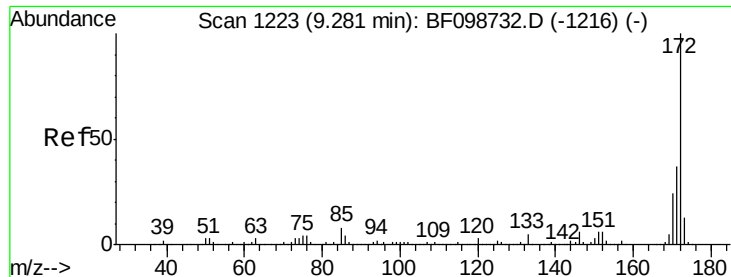
Tot Ion:164 Resp: 188749
 Ion Ratio Lower Upper
 164 100
 162 102.7 86.1 129.1
 160 44.2 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 106.32 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099283.D
 Acq: 10 Oct 2017 1:00

Tgt Ion:330 Resp: 164216
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 37.0 29.9 44.9

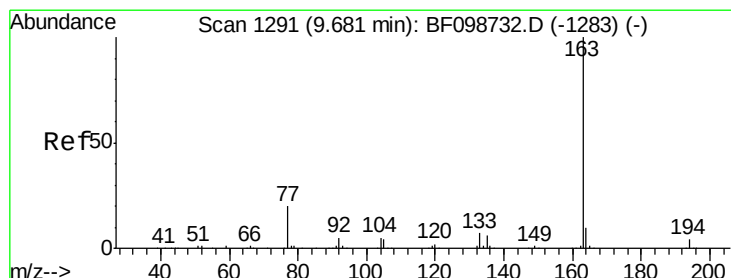
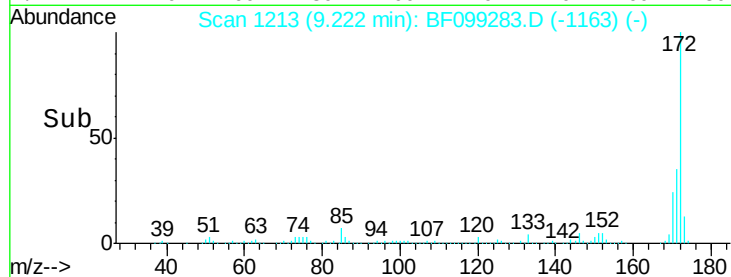
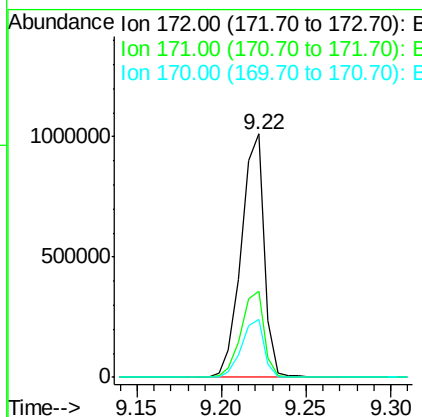
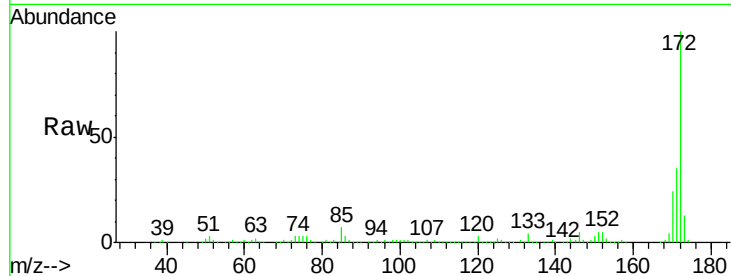




#44
 2-Fluorobiphenyl
 Concen: 85.17 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099283.D
 Acq: 10 Oct 2017 1:00

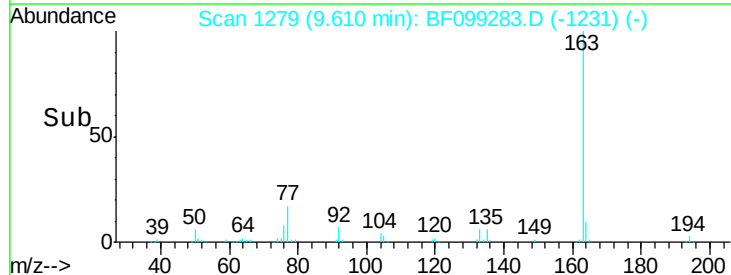
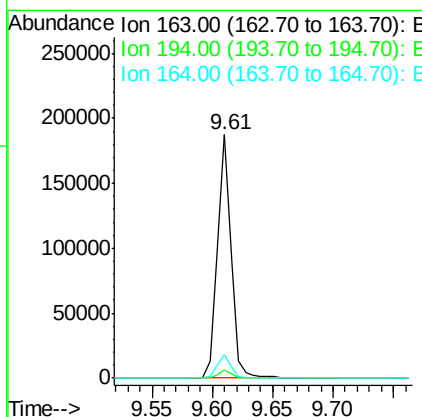
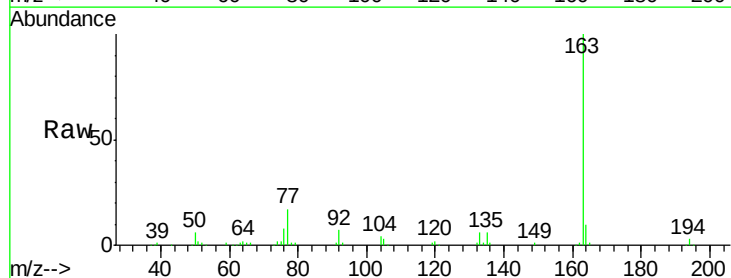
Instrument :
 BNA_F
 ClientSampleId :

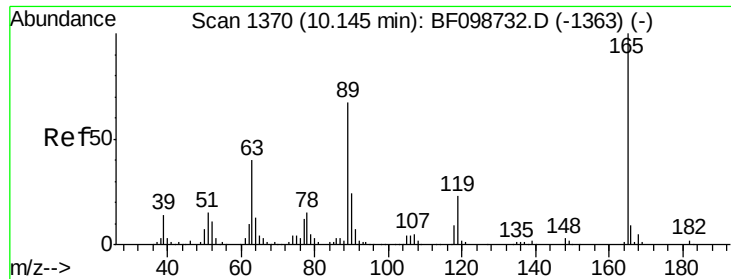
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.7	19.6	29.4



#49
 Dimethylphthalate
 Concen: 10.06 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BF099283.D
 Acq: 10 Oct 2017 1:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	9.7	8.2	12.2

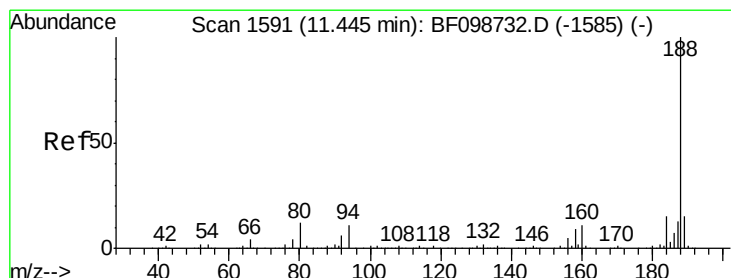
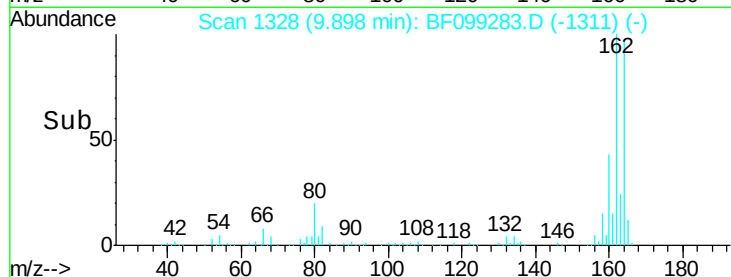
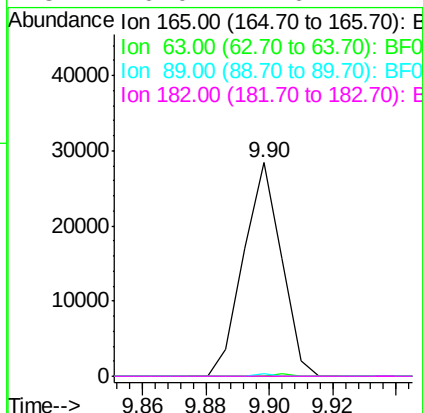
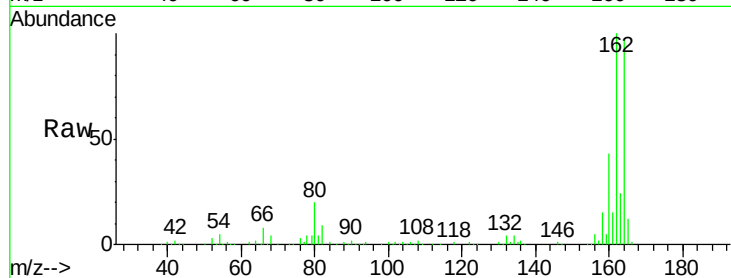




#56
 2,4-Dinitrotoluene
 Concen: 5.86 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099283.D
 Acq: 10 Oct 2017 1:00

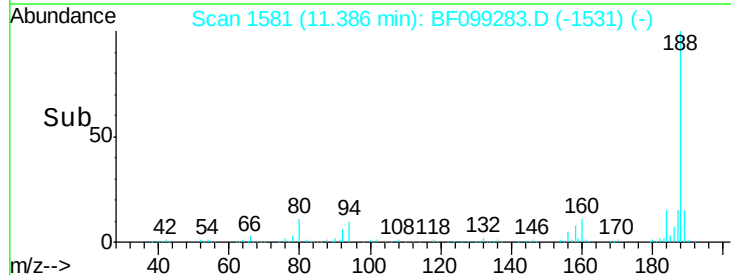
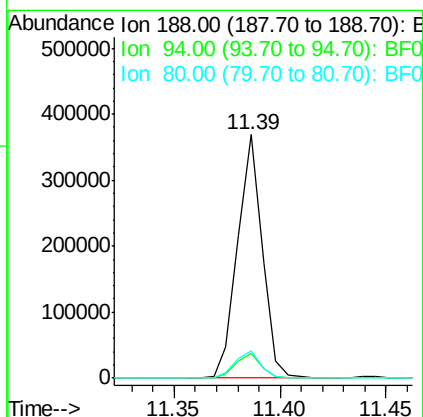
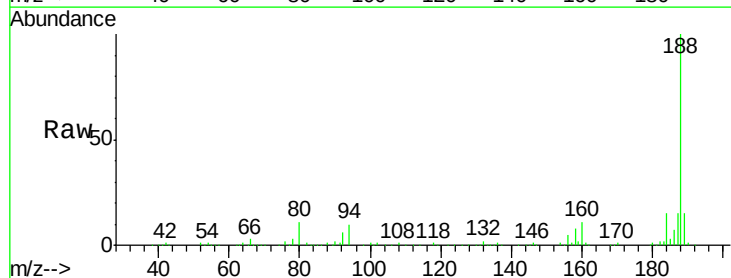
Instrument :
 BNA_F
 ClientSampleId :

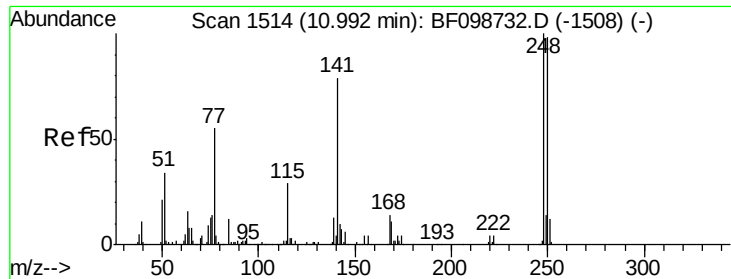
Tot Ion:165	Resp:	23594
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	1.5	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099283.D
 Acq: 10 Oct 2017 1:00

Tgt Ion:188	Resp:	297271
Ion Ratio	Lower	Upper
188	100	
94	10.3	8.5 12.7
80	11.1	9.2 13.8

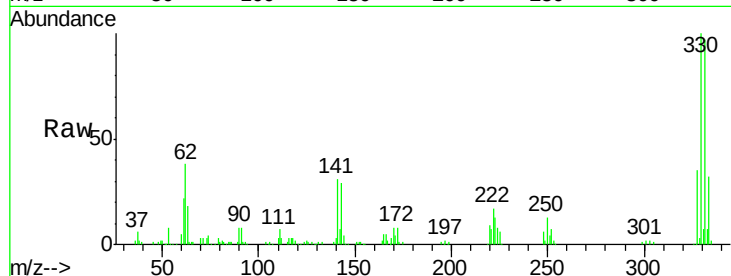




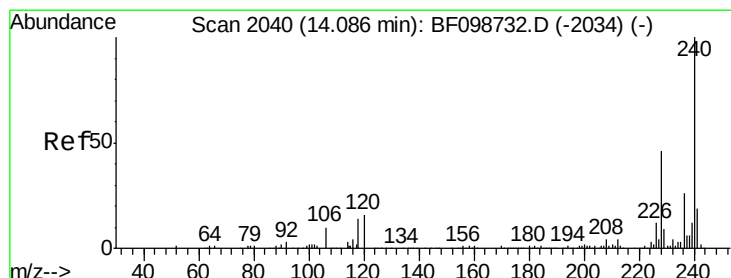
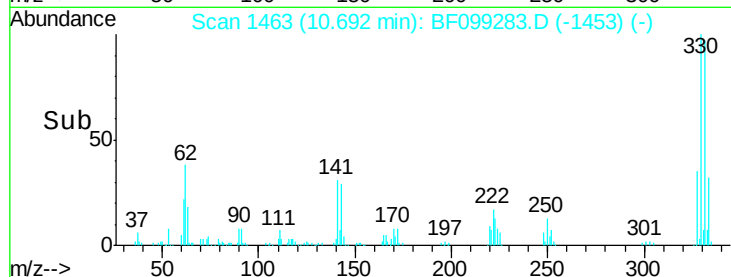
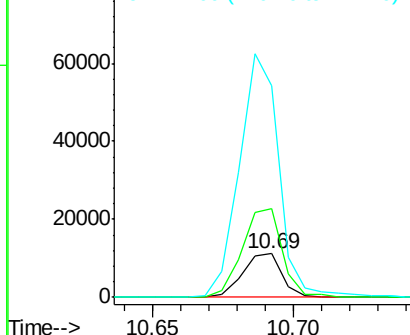
#66
 4-Bromophenyl-phenylether
 Concen: 3.74 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.24 min
 Lab File: BF099283.D
 Acq: 10 Oct 2017 1:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 10879
 Ion Ratio Lower Upper
 248 100
 250 204.1 76.9 115.3#
 141 483.5 74.4 111.6#

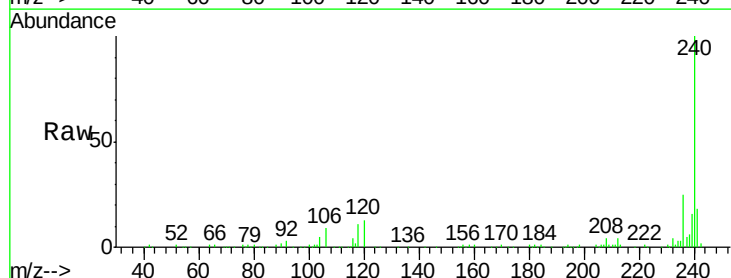


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

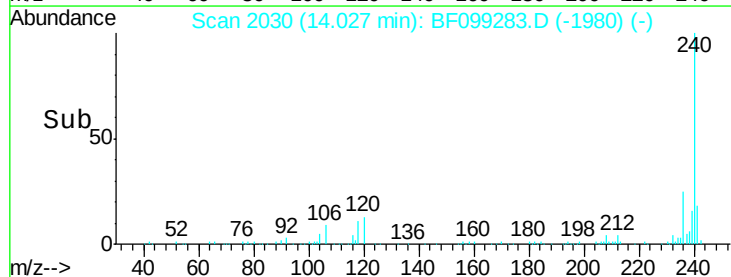
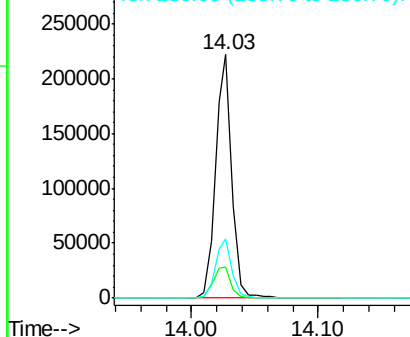


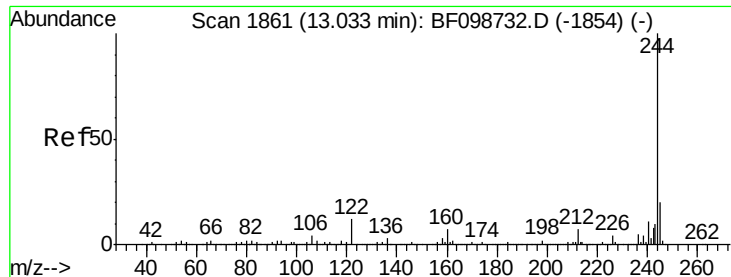
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF099283.D
 Acq: 10 Oct 2017 1:00

Tgt Ion:240 Resp: 198923
 Ion Ratio Lower Upper
 240 100
 120 13.1 9.5 14.3
 236 24.6 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

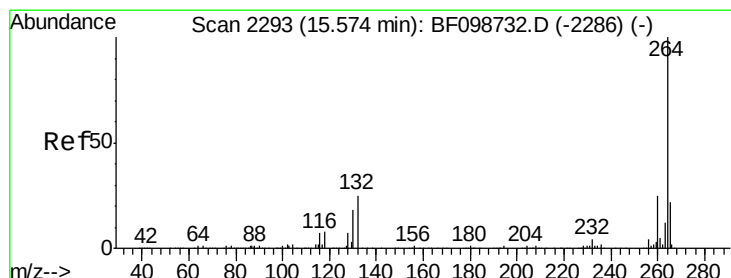
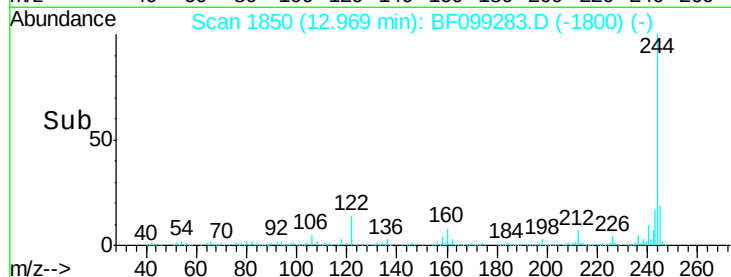
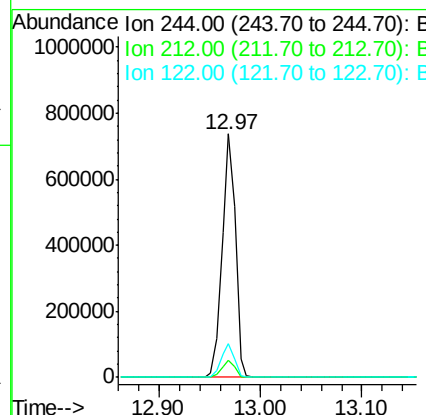
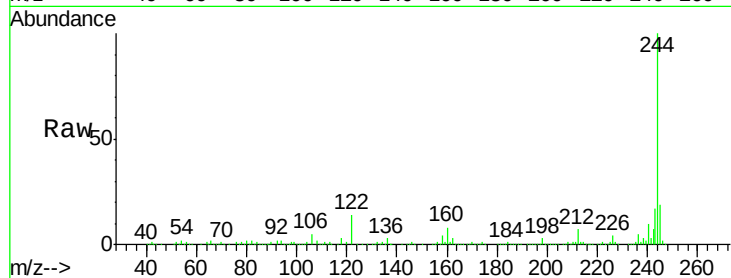




#78
 Terphenyl-d14
 Concen: 76.49 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF099283.D
 Acq: 10 Oct 2017 1:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 669063
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 14.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: BF099283.D
 Acq: 10 Oct 2017 1:00

Tgt Ion:264 Resp: 193339
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.5 17.5 26.3

