

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100417\
 Data File : BF099088.D
 Acq On : 5 Oct 2017 1:12
 Operator : SJ/JU
 Sample : I5588-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 05 05:40:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

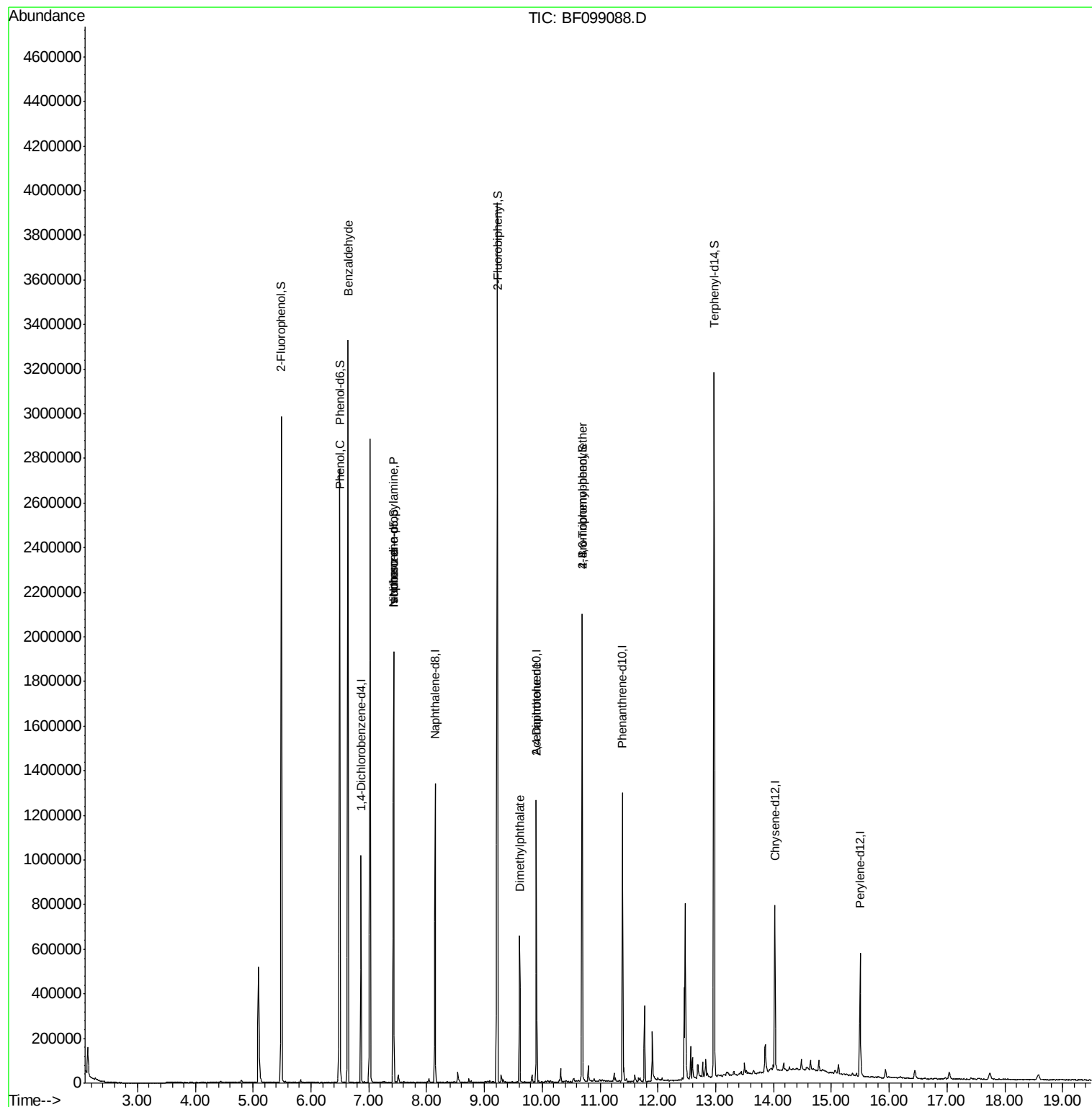
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	133420	20.00	ng	-0.06
21) Naphthalene-d8	8.15	136	554894	20.00	ng	-0.06
38) Acenaphthene-d10	9.90	164	247587	20.00	ng	-0.06
63) Phenanthrene-d10	11.39	188	424513	20.00	ng	-0.06
75) Chrysene-d12	14.03	240	240289	20.00	ng	-0.06
86) Perylene-d12	15.50	264	218641	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1009277	120.42	ng	-0.05
7) Phenol-d6	6.50	99	1273628	123.19	ng	-0.05
23) Nitrobenzene-d5	7.43	82	765682	88.49	ng	-0.06
41) 2,4,6-Tribromophenol	10.69	330	254988	125.86	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	1315487	88.70	ng	-0.06
78) Terphenyl-d14	12.97	244	1064596	100.76	ng	-0.06
Target Compounds						Qvalue
9) Benzaldehyde	6.64	77	20816	3.47	ng	90
10) Phenol	6.51	94	32706	2.83	ng	96
19) n-Nitroso-di-n-propylamine	7.43	70	99280	15.04	ng	# 76
25) Isophorone	7.43	82	762340	42.61	ng	# 64
49) Dimethylphthalate	9.61	163	239657	12.83	ng	99
56) 2,4-Dinitrotoluene	9.90	165	31770	6.02	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	16835	4.05	ng	# 1

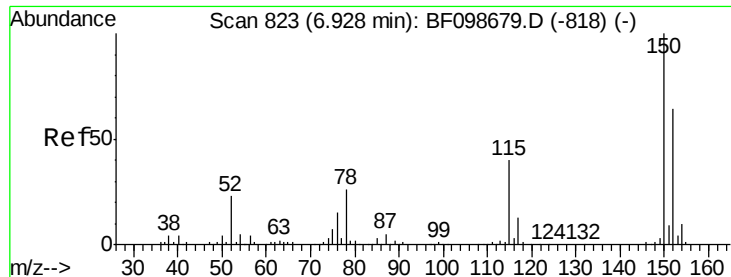
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.06 min

Lab File: BF099088.D

Acq: 5 Oct 2017 1:12

Instrument :

BNA_F

ClientSampleId :

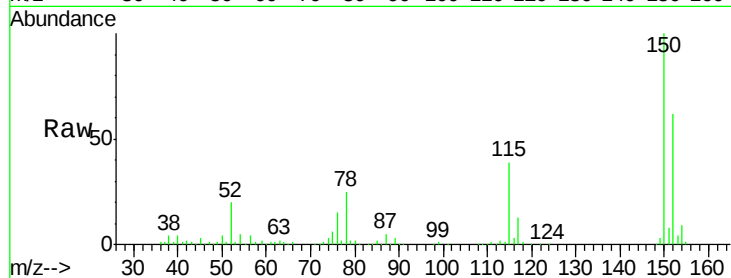
Tot Ion:152 Resp: 133420

Ion Ratio Lower Upper

152 100

150 160.0 124.6 186.8

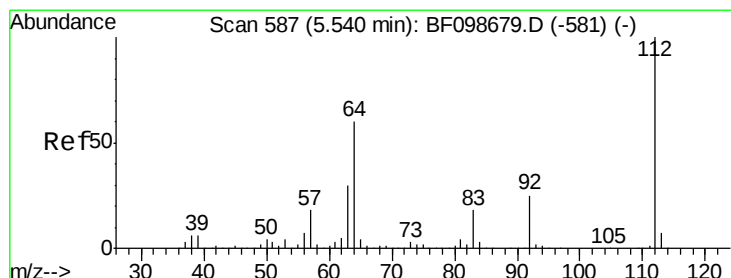
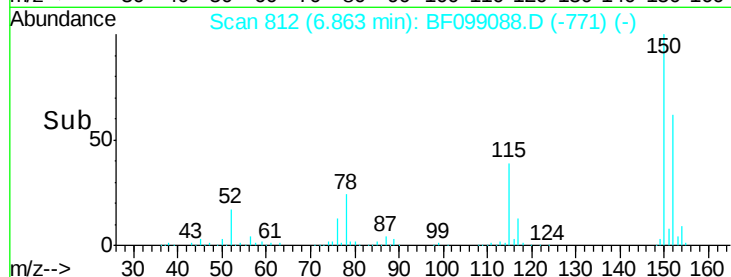
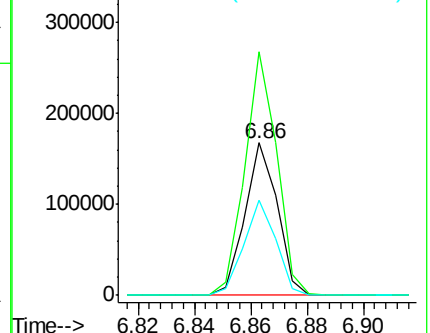
115 62.5 50.1 75.1



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: 120.42 ng

RT: 5.49 min Scan# 578

Delta R.T. -0.05 min

Lab File: BF099088.D

Acq: 5 Oct 2017 1:12

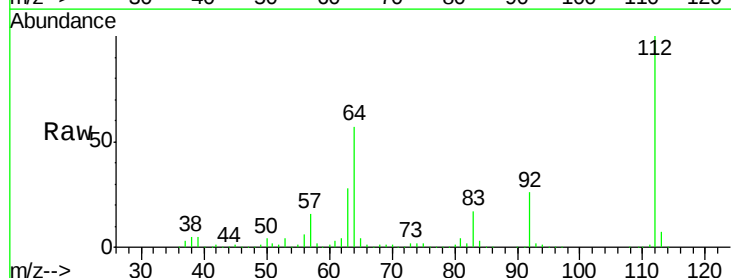
Tgt Ion:112 Resp: 1009277

Ion Ratio Lower Upper

112 100

64 56.9 47.9 71.9

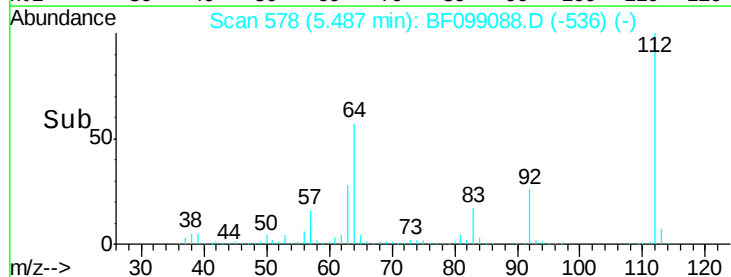
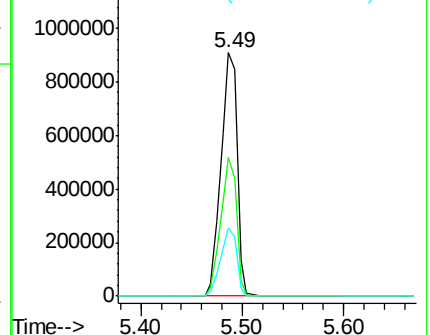
63 27.8 23.7 35.5

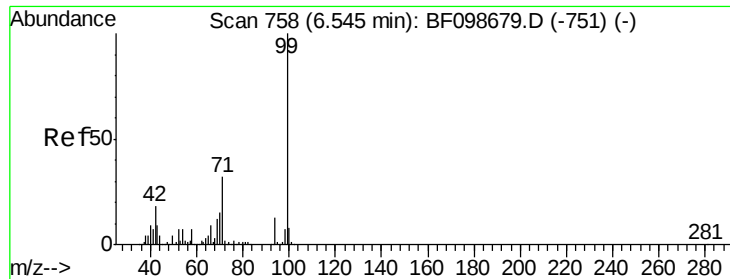


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 123.19 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.05 min

Lab File: BF099088.D

Acq: 5 Oct 2017 1:12

Instrument :

BNA_F

ClientSampled :

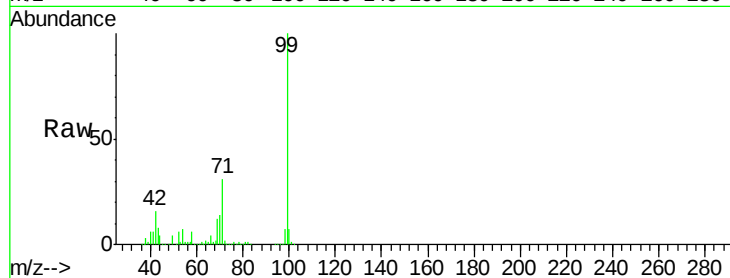
Tot Ion: 99 Resp: 1273628

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

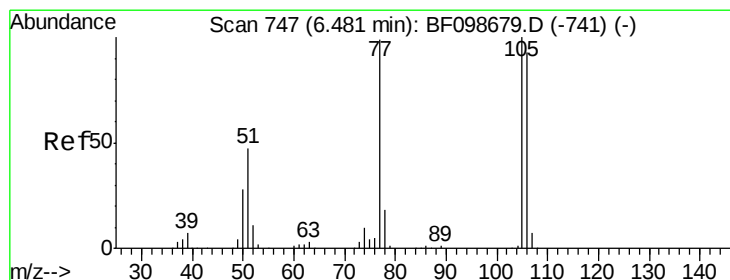
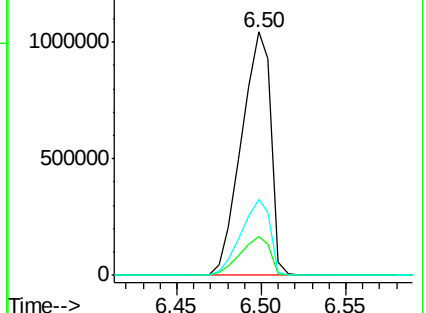
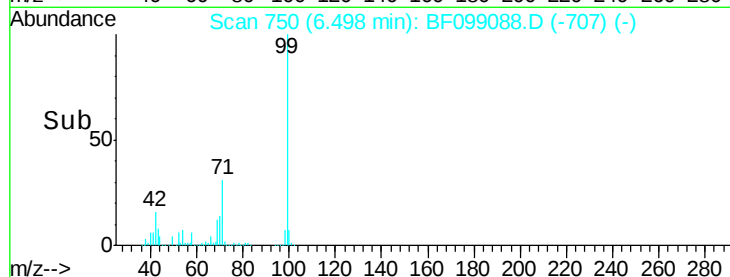
71 31.1 25.4 38.0



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: 3.47 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.17 min

Lab File: BF099088.D

Acq: 5 Oct 2017 1:12

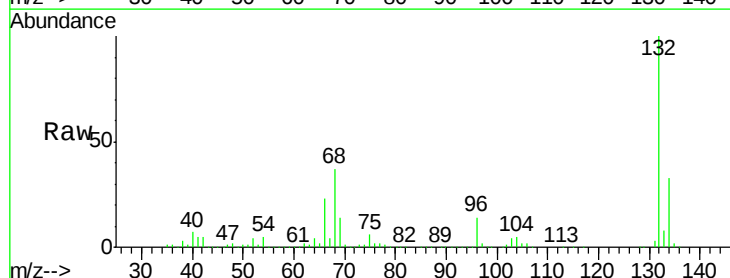
Tgt Ion: 77 Resp: 20816

Ion Ratio Lower Upper

77 100

105 87.5 81.1 121.1

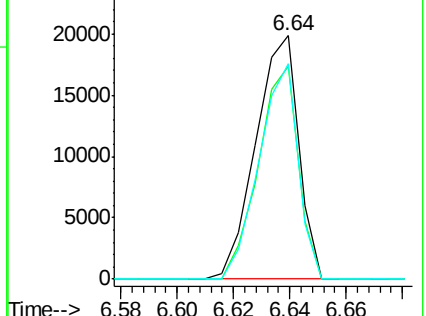
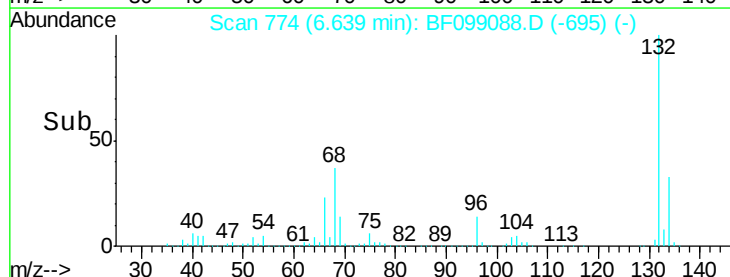
106 88.3 74.5 114.5

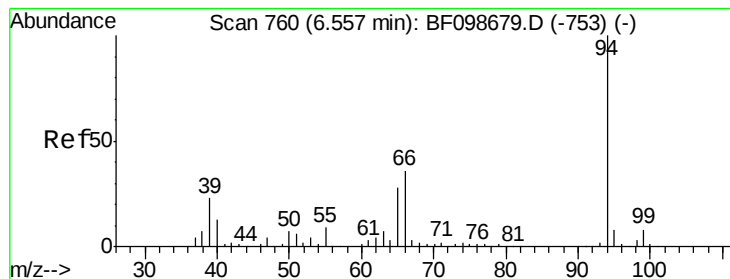


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 2.83 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.05 min

Lab File: BF099088.D

Acq: 5 Oct 2017 1:12

Instrument :

BNA_F

ClientSampleId :

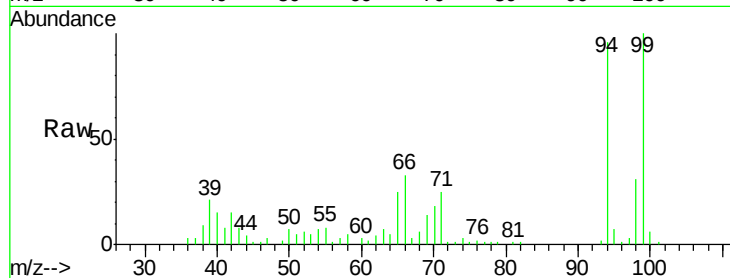
Tot Ion: 94 Resp: 32706

Ion Ratio Lower Upper

94 100

65 25.4 7.9 47.9

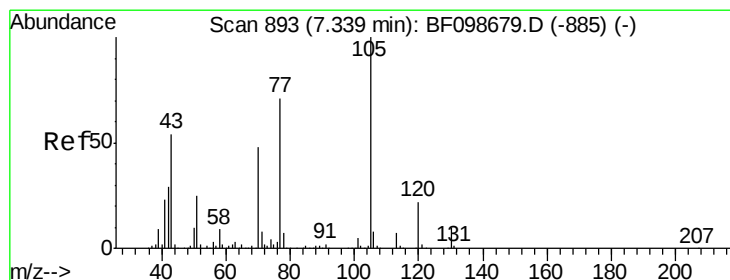
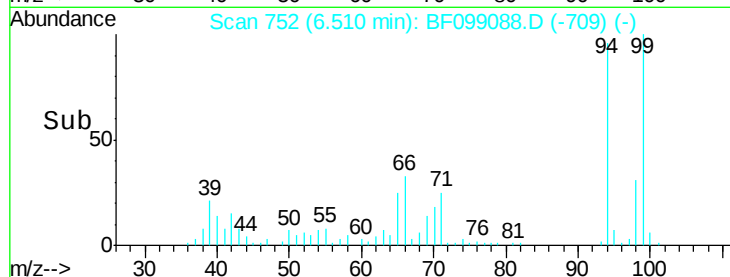
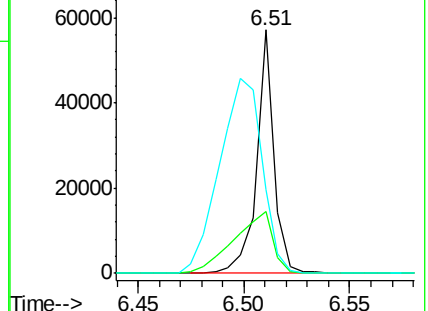
66 34.1 16.2 56.2



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: 15.04 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.09 min

Lab File: BF099088.D

Acq: 5 Oct 2017 1:12

Tgt Ion: 70 Resp: 99280

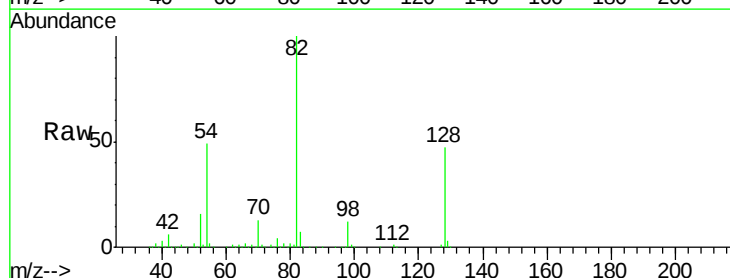
Ion Ratio Lower Upper

70 100

42 45.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

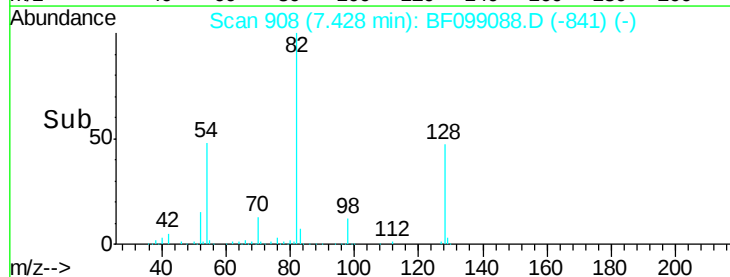
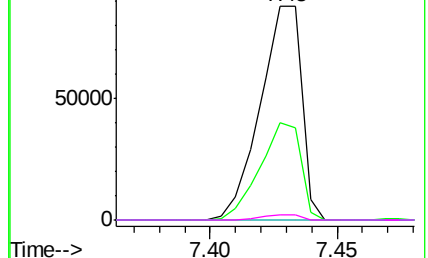


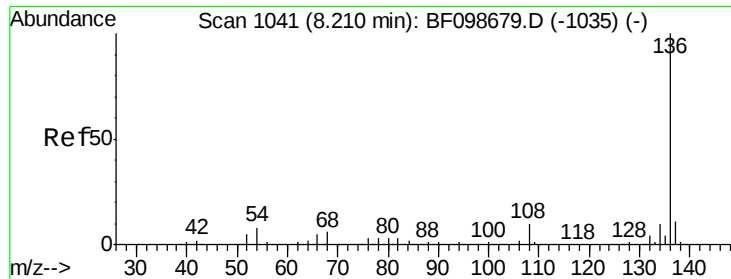
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

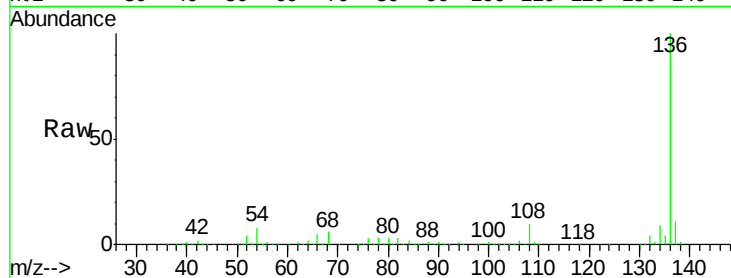




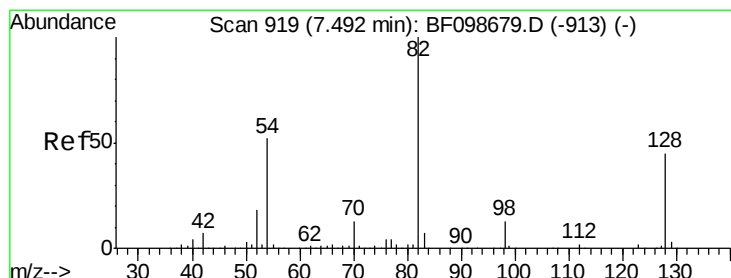
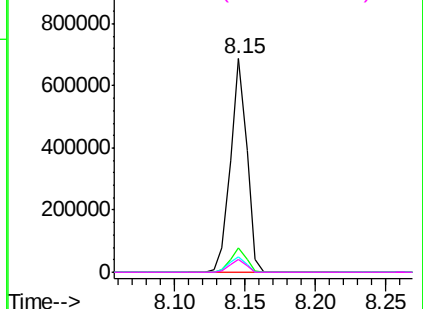
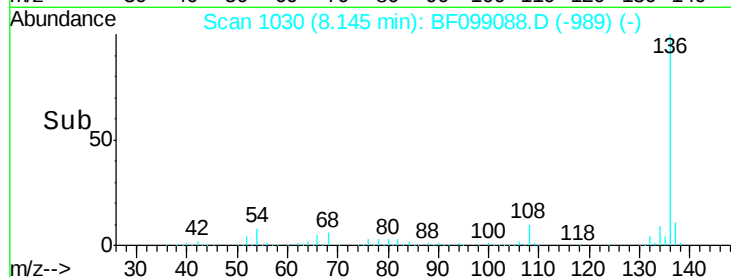
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.06 min
Lab File: BF099088.D
Acq: 5 Oct 2017 1:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	554894
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	7.5	6.6 9.8
68	6.3	5.0 7.4

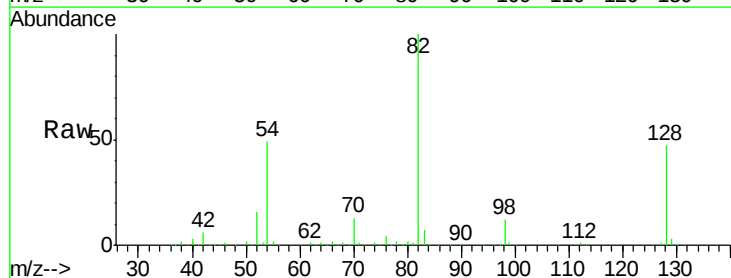


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

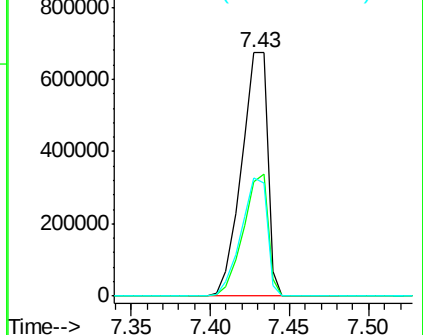
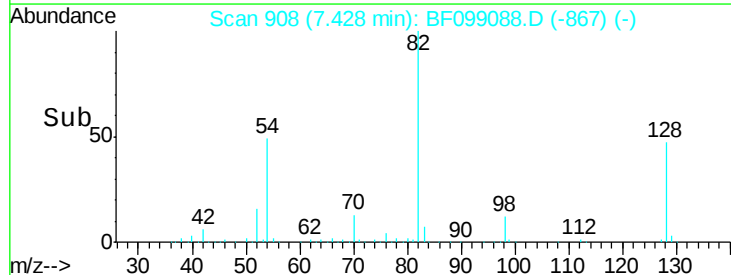


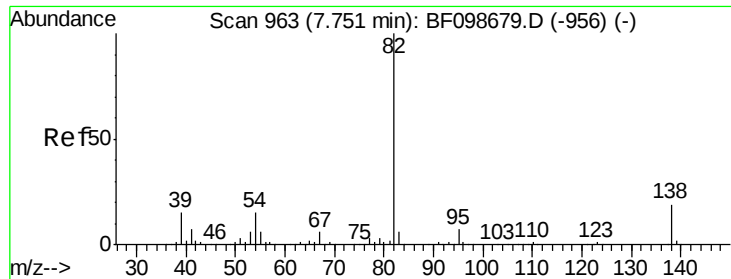
#23
Nitrobenzene-d5
Concen: 88.49 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.06 min
Lab File: BF099088.D
Acq: 5 Oct 2017 1:12

Tgt Ion: 82	Resp:	765682
Ion Ratio	Lower	Upper
82	100	
128	47.0	36.1 54.1
54	48.6	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: 42.61 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.32 min

Lab File: BF099088.D

Acq: 5 Oct 2017 1:12

Instrument :

BNA_F

ClientSampleId :

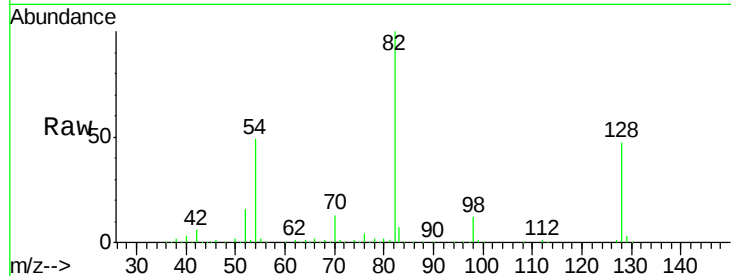
Tot Ion: 82 Resp: 762340

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

7.43

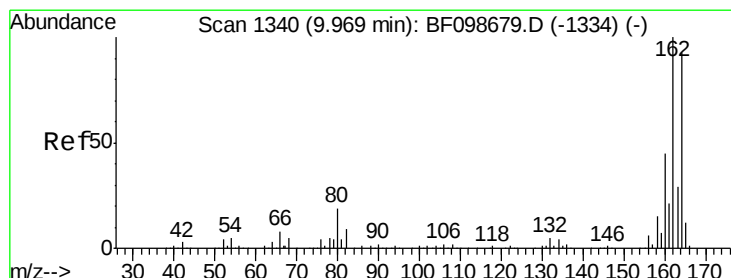
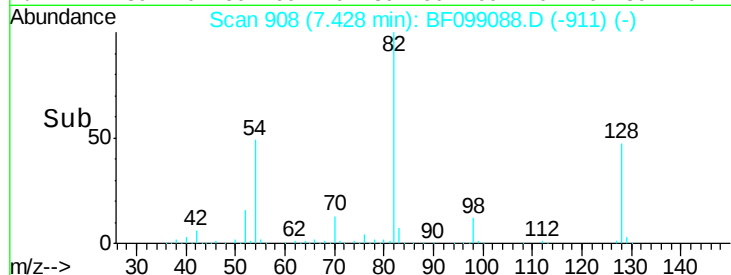
600000

400000

200000

0

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.06 min

Lab File: BF099088.D

Acq: 5 Oct 2017 1:12

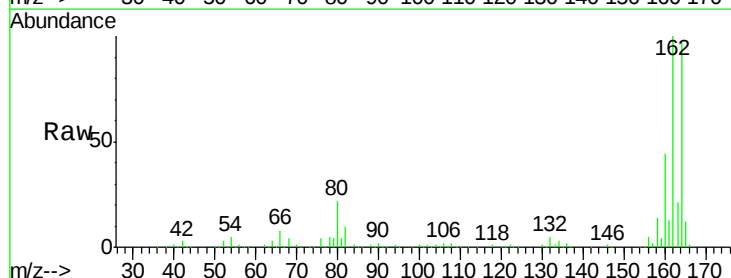
Tgt Ion:164 Resp: 247587

Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

160 45.2 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

9.90

400000

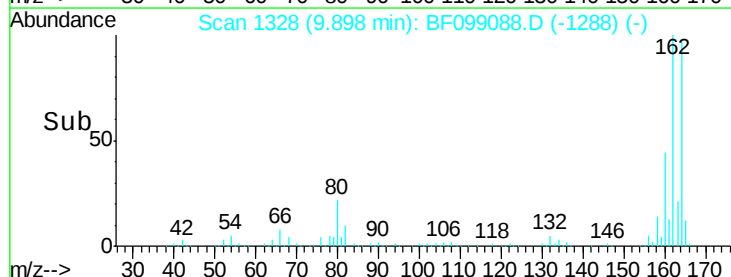
300000

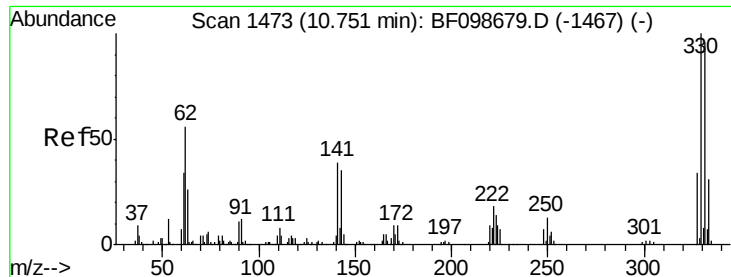
200000

100000

0

Time-->

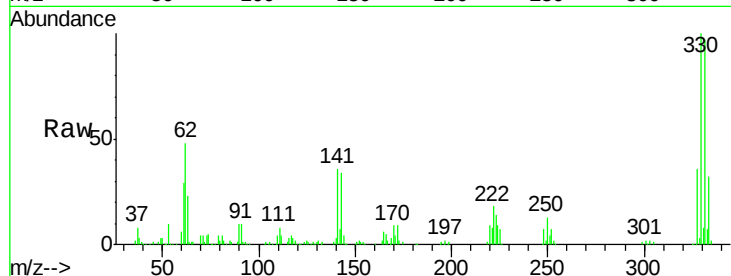




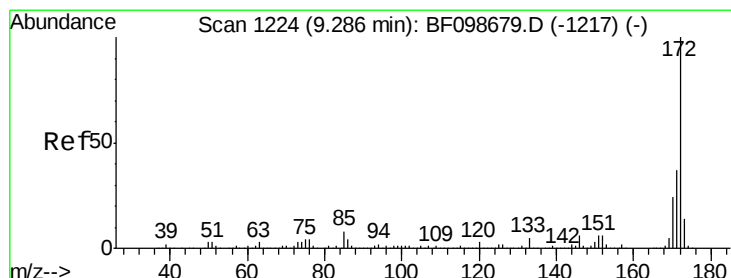
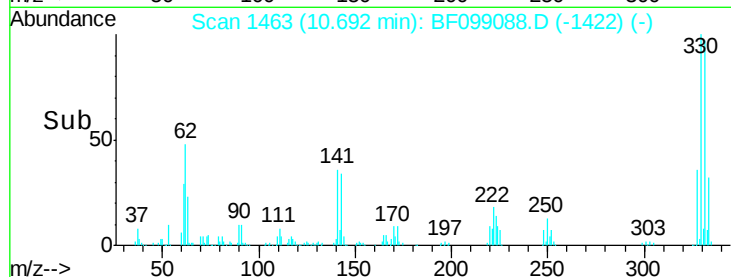
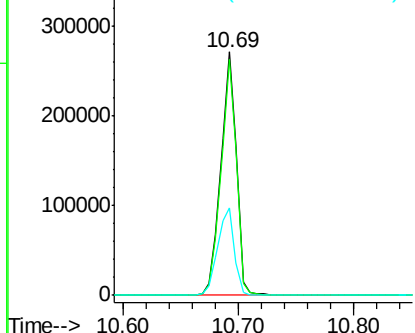
#41
 2,4,6-Tribromophenol
 Concen: 125.86 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.06 min
 Lab File: BF099088.D
 Acq: 5 Oct 2017 1:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	38.5	29.9	44.9

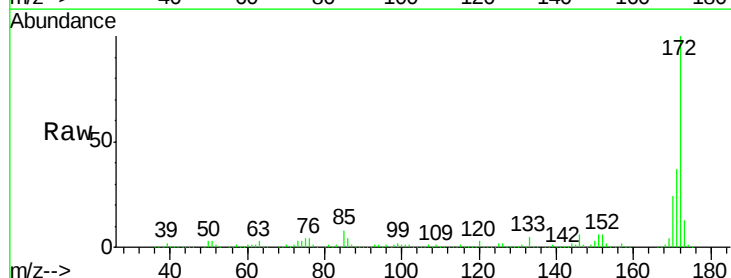


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

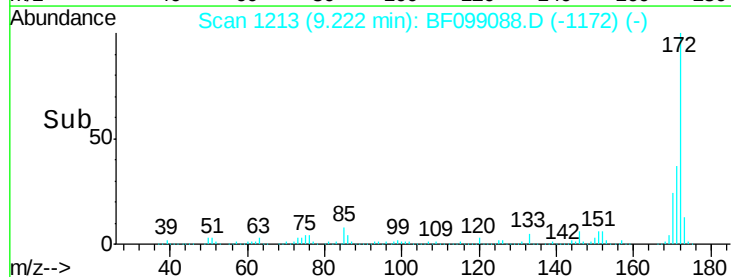
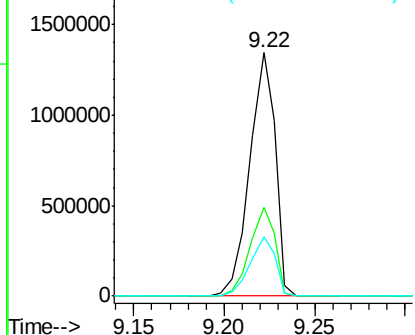


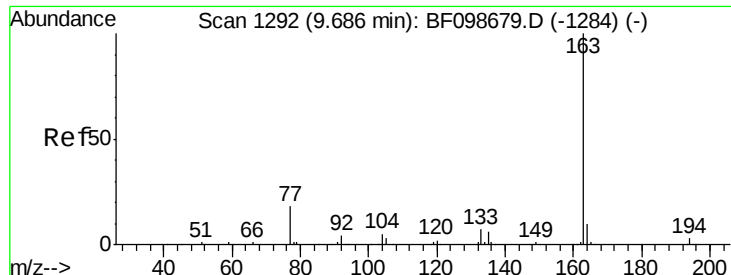
#44
 2-Fluorobiphenyl
 Concen: 88.70 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.06 min
 Lab File: BF099088.D
 Acq: 5 Oct 2017 1:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	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

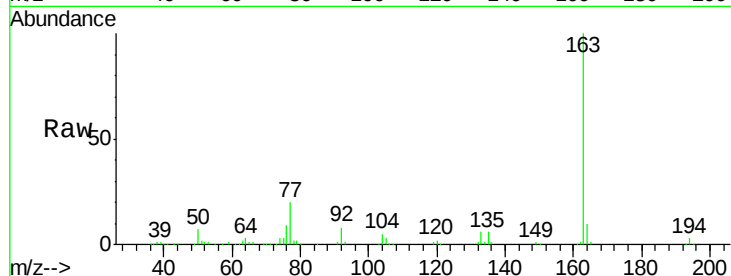




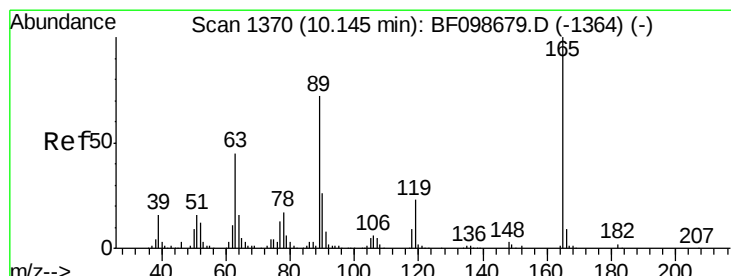
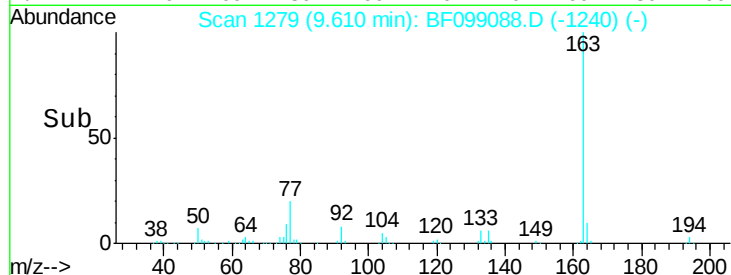
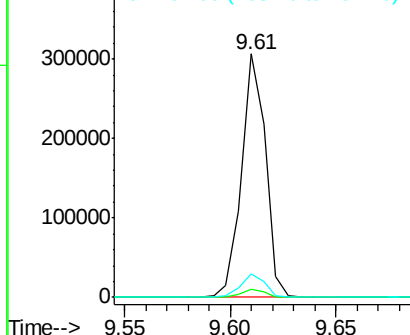
#49
Dimethylphthalate
Concen: 12.83 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.07 min
Lab File: BF099088.D
Acq: 5 Oct 2017 1:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.8	8.2	12.2



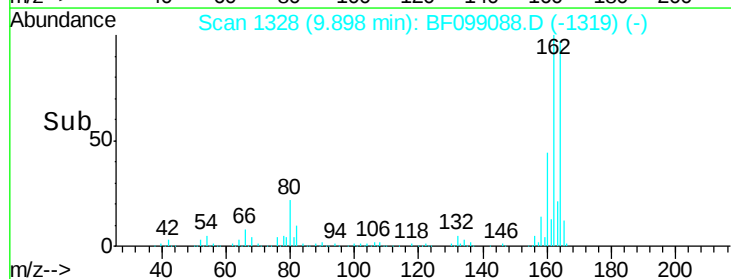
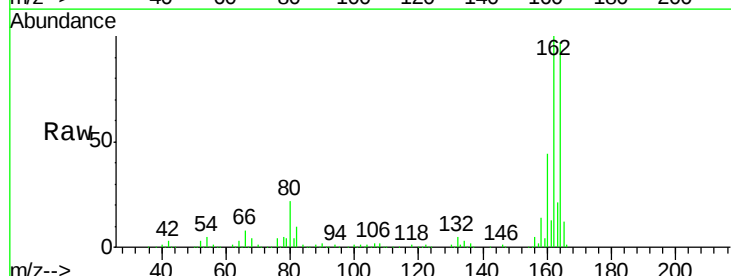
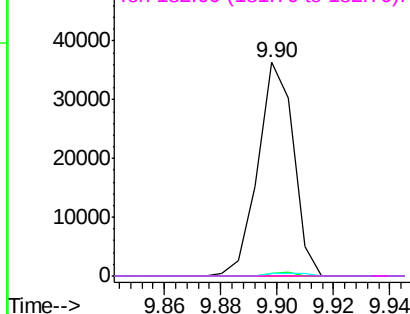
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

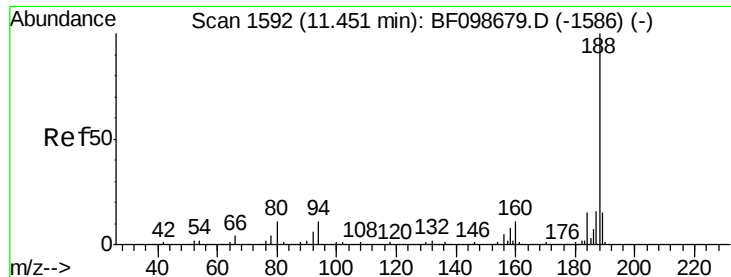


#56
2,4-Dinitrotoluene
Concen: 6.02 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.25 min
Lab File: BF099088.D
Acq: 5 Oct 2017 1:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

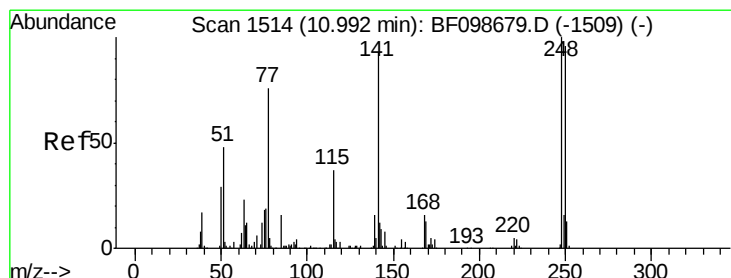
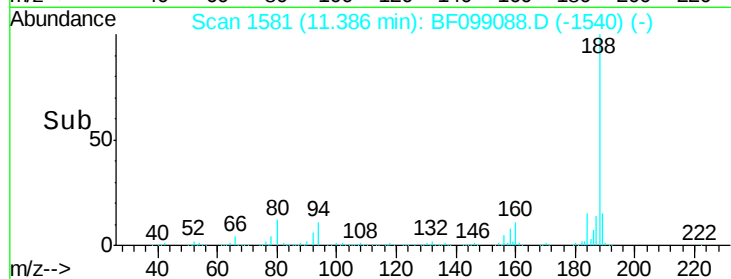
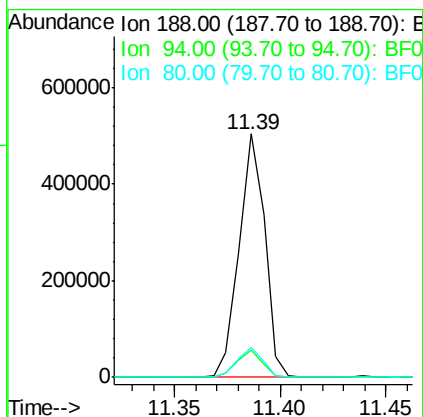
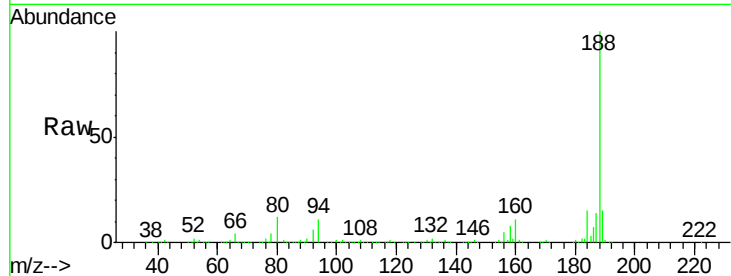




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.06 min
Lab File: BF099088.D
Acq: 5 Oct 2017 1:12

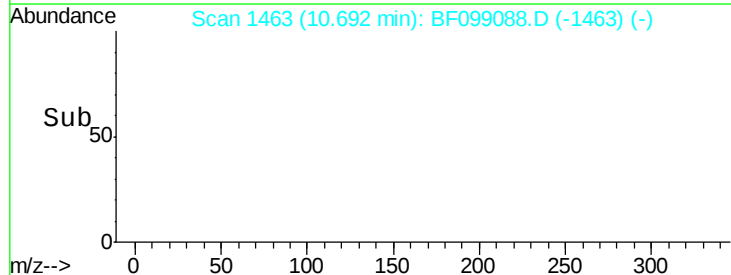
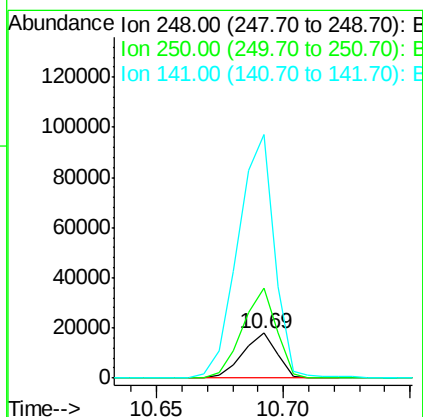
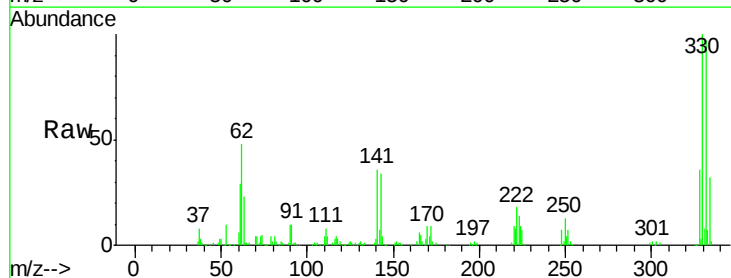
Instrument :
BNA_F
ClientSampleId :

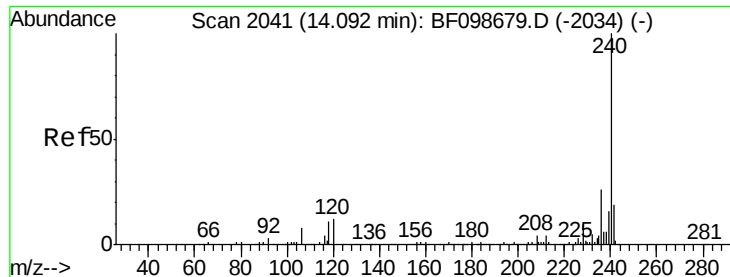
Tot Ion:188 Resp: 424513
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 12.2 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 4.05 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.30 min
Lab File: BF099088.D
Acq: 5 Oct 2017 1:12

Tgt Ion:248 Resp: 16835
Ion Ratio Lower Upper
248 100
250 201.5 76.9 115.3#
141 542.2 74.4 111.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.06 min

Lab File: BF099088.D

Acq: 5 Oct 2017 1:12

Instrument :

BNA_F

ClientSampleId :

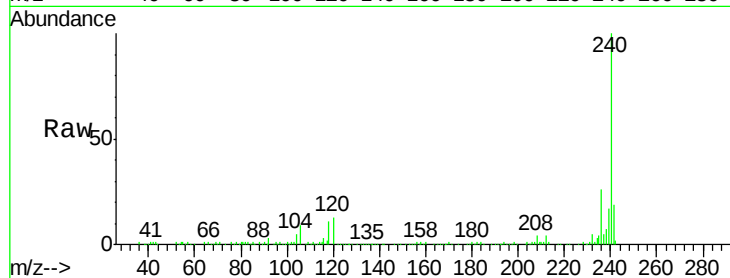
Tot Ion:240 Resp: 240289

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

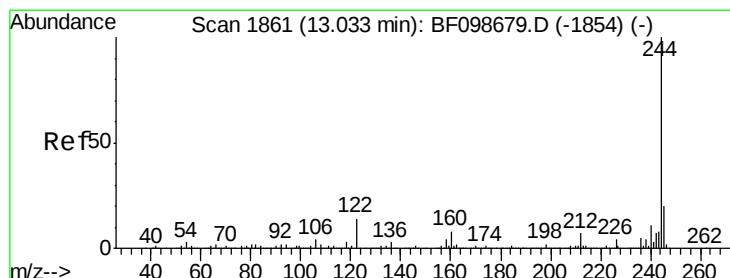
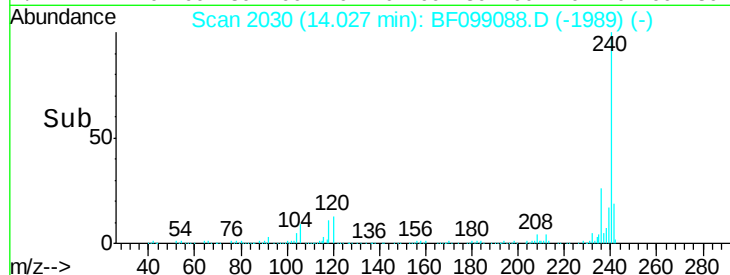
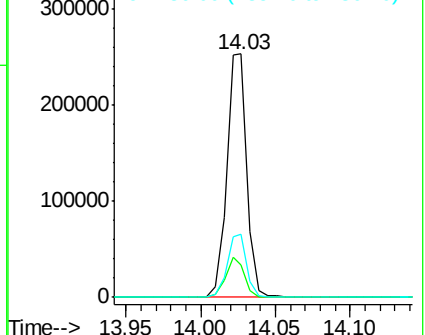
236 25.8 20.7 31.1



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: 100.76 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.06 min

Lab File: BF099088.D

Acq: 5 Oct 2017 1:12

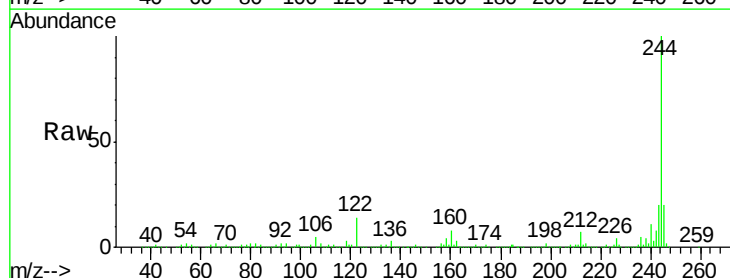
Tgt Ion:244 Resp: 1064596

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

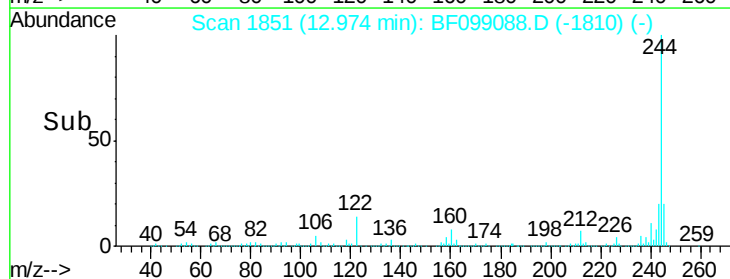
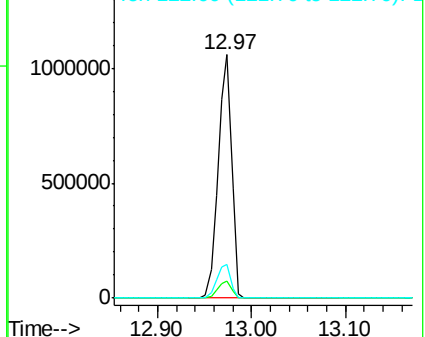
122 13.6 11.0 16.4

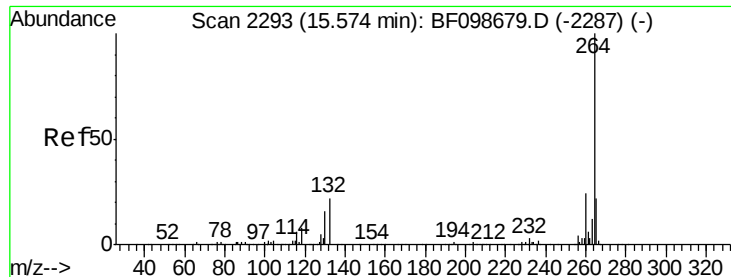


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.08 min
Lab File: BF099088.D
Acq: 5 Oct 2017 1:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.1	17.5	26.3

