

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100417\
 Data File : BF099073.D
 Acq On : 4 Oct 2017 18:11
 Operator : SJ/JU
 Sample : I5526-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 05 01:08:56 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

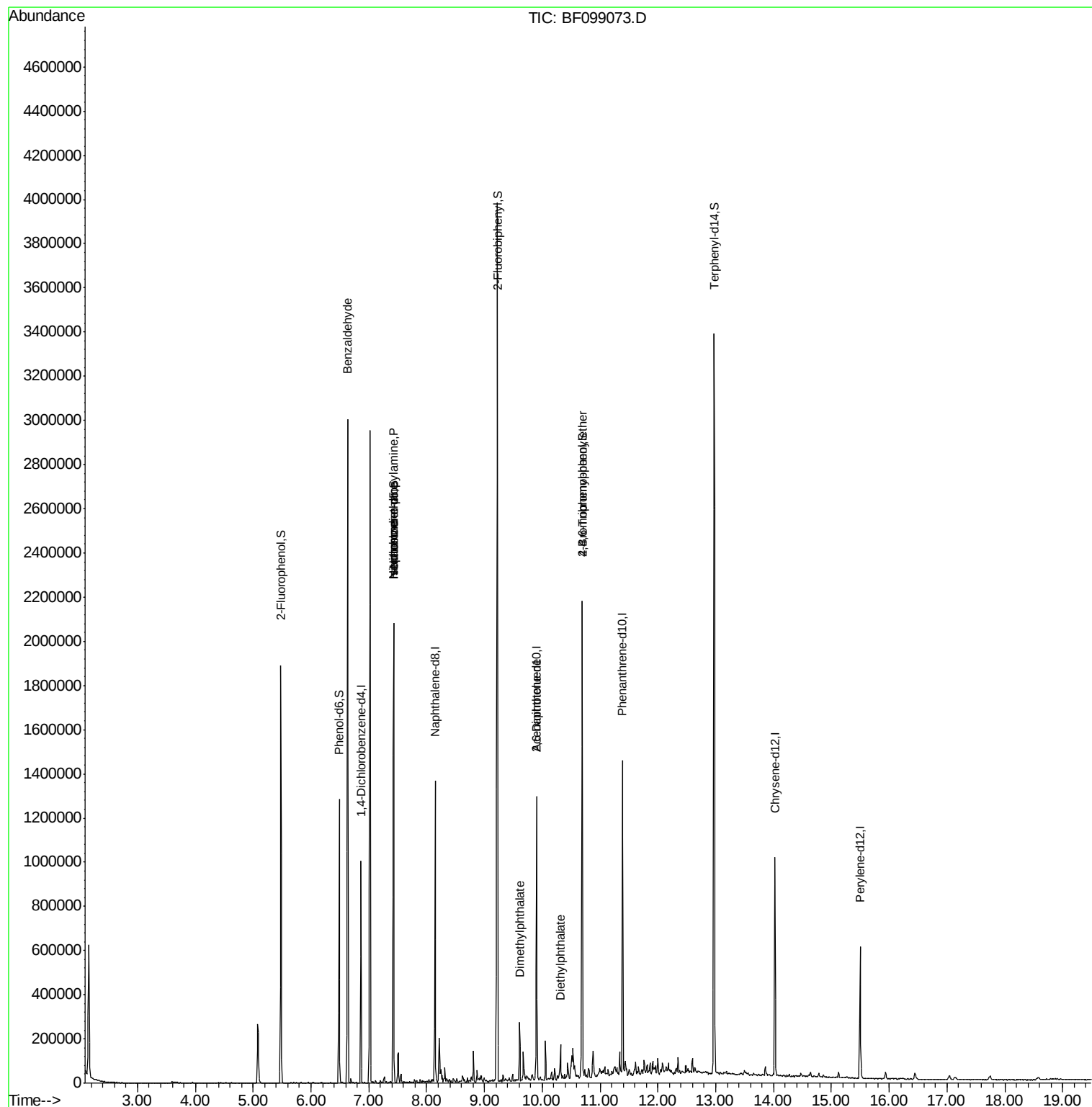
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	135272	20.00	ng	-0.06
21) Naphthalene-d8	8.15	136	574276	20.00	ng	-0.06
38) Acenaphthene-d10	9.90	164	264833	20.00	ng	-0.06
63) Phenanthrene-d10	11.39	188	467741	20.00	ng	-0.06
75) Chrysene-d12	14.03	240	314735	20.00	ng	-0.06
86) Perylene-d12	15.50	264	239578	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	523025	61.55	ng	-0.06
7) Phenol-d6	6.49	99	396161	37.79	ng	-0.06
23) Nitrobenzene-d5	7.43	82	798600	89.18	ng	-0.06
41) 2,4,6-Tribromophenol	10.69	330	275585	127.17	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	1405329	88.59	ng	-0.06
78) Terphenyl-d14	12.97	244	1246481	90.07	ng	-0.06
Target Compounds						Qvalue
9) Benzaldehyde	6.63	77	17940	2.95	ng	83
18) Hexachloroethane	7.43	117	7935	2.15	ng	# 2
19) n-Nitroso-di-n-propylamine	7.43	70	103676	15.49	ng	# 76
25) Isophorone	7.43	82	790536	42.70	ng	# 64
49) Dimethylphthalate	9.61	163	91616	4.58	ng	99
50) 2,6-Dinitrotoluene	9.90	165	34636	7.96	ng	# 26
59) Diethylphthalate	10.32	149	52594	2.69	ng	98
66) 4-Bromophenyl-phenylether	10.69	248	18060	3.94	ng	# 1

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

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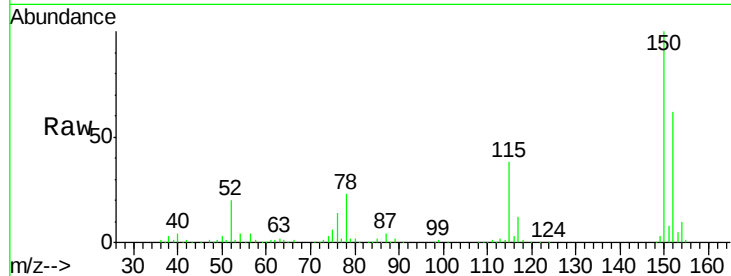


#1

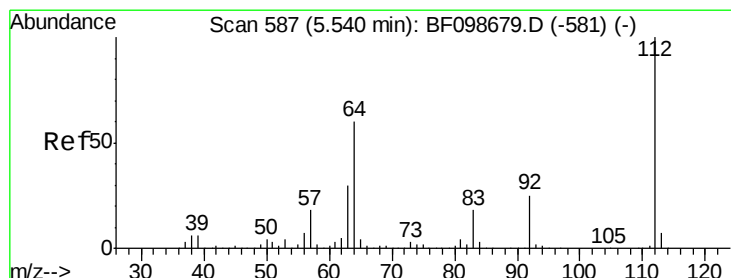
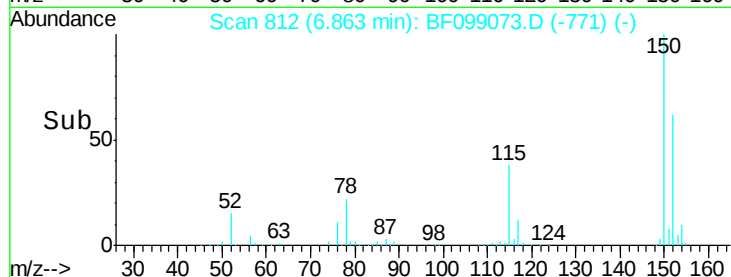
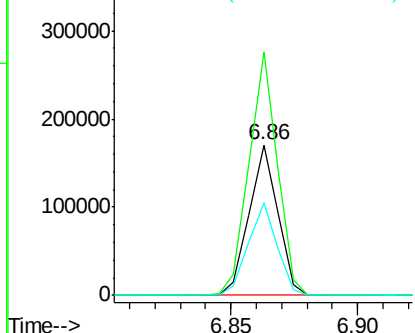
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.06 min
Lab File: BF099073.D
Acq: 4 Oct 2017 18:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 135272
Ion Ratio Lower Upper
152 100
150 161.5 124.6 186.8
115 61.1 50.1 75.1



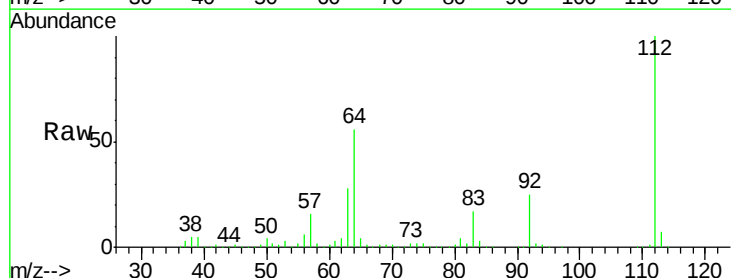
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



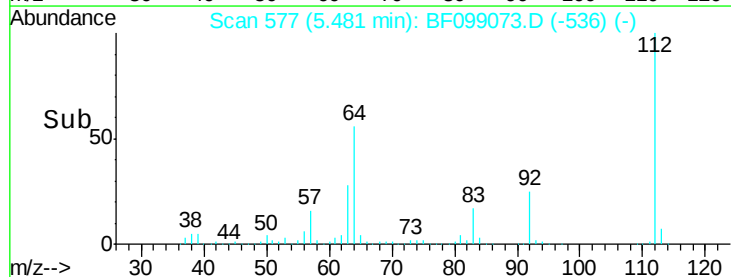
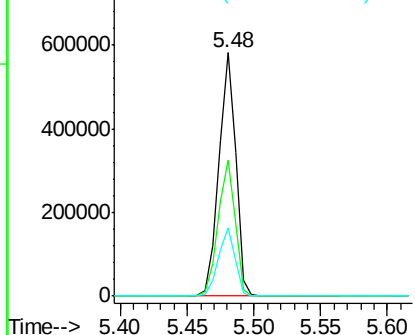
#5

2-Fluorophenol
Concen: 61.55 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.06 min
Lab File: BF099073.D
Acq: 4 Oct 2017 18:11

Tgt Ion:112 Resp: 523025
Ion Ratio Lower Upper
112 100
64 55.7 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: 37.79 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.06 min

Lab File: BF099073.D

Acq: 4 Oct 2017 18:11

Instrument :

BNA_F

ClientSampleId :

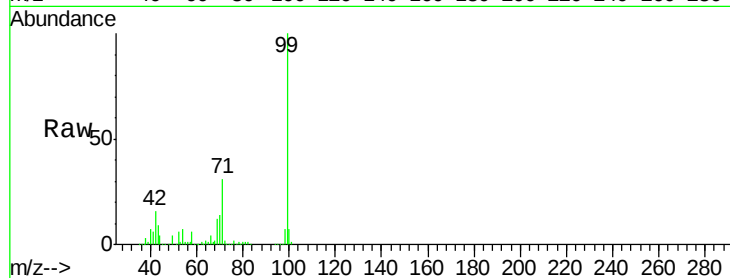
Tot Ion: 99 Resp: 396161

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

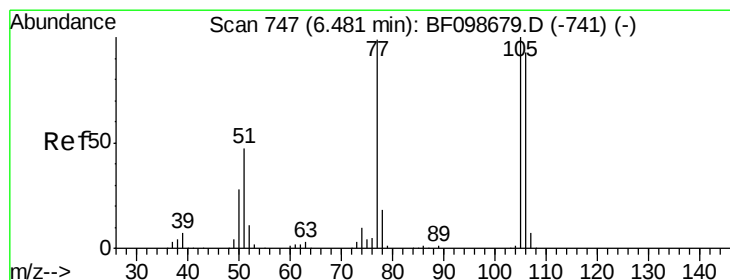
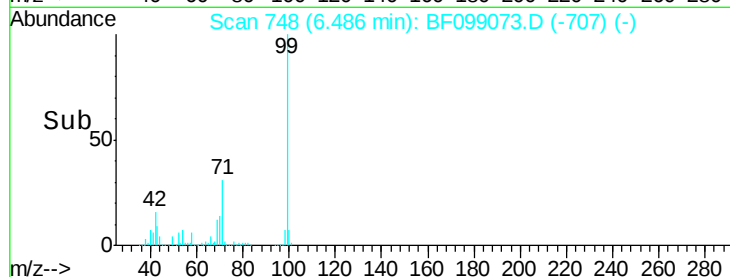
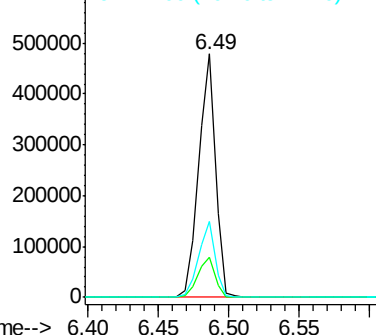
71 31.3 25.4 38.0



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: 2.95 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.16 min

Lab File: BF099073.D

Acq: 4 Oct 2017 18:11

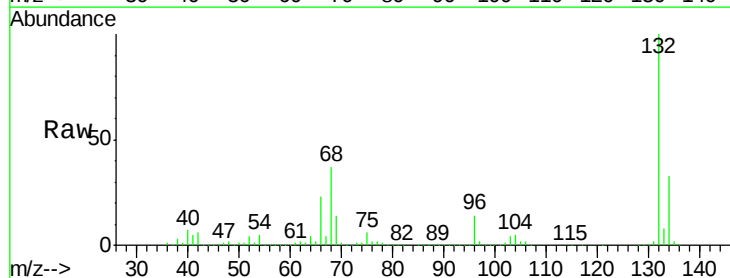
Tgt Ion: 77 Resp: 17940

Ion Ratio Lower Upper

77 100

105 84.0 81.1 121.1

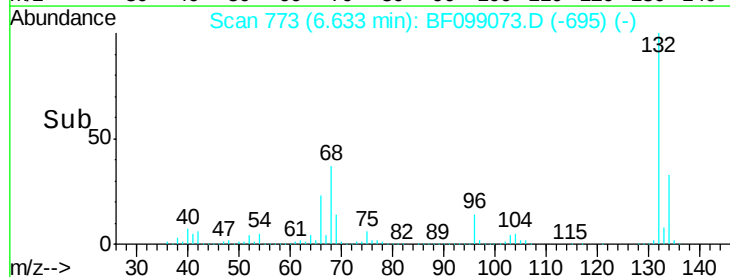
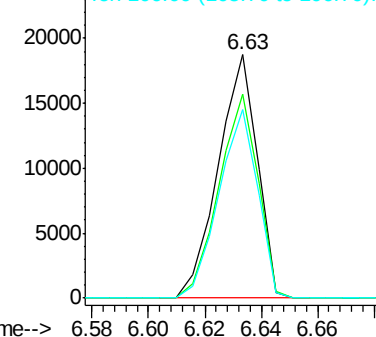
106 77.3 74.5 114.5

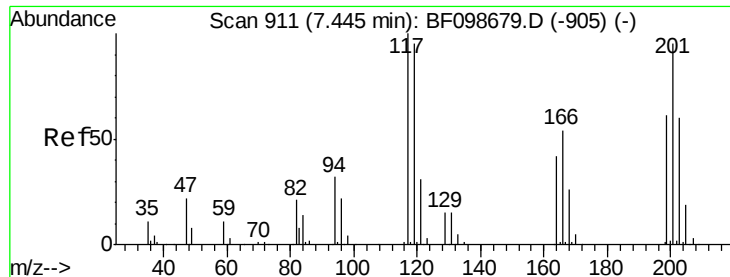


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

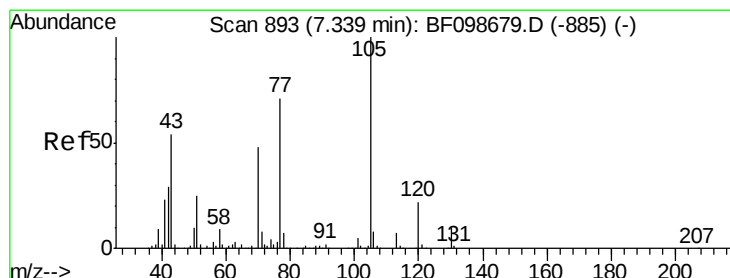
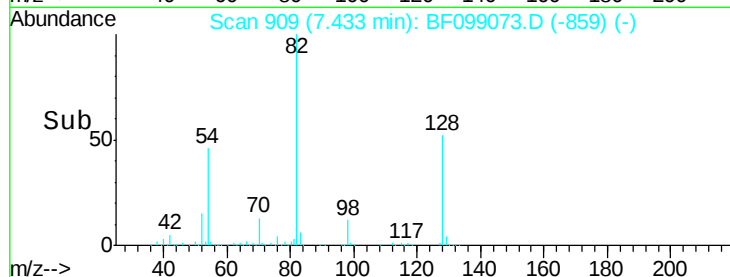
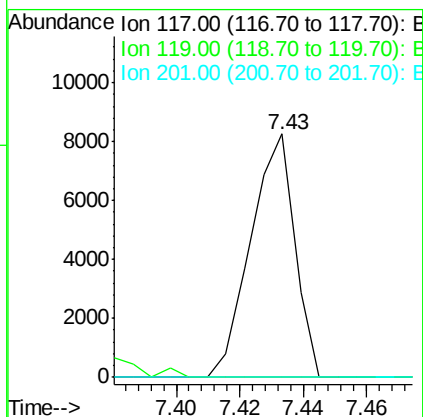
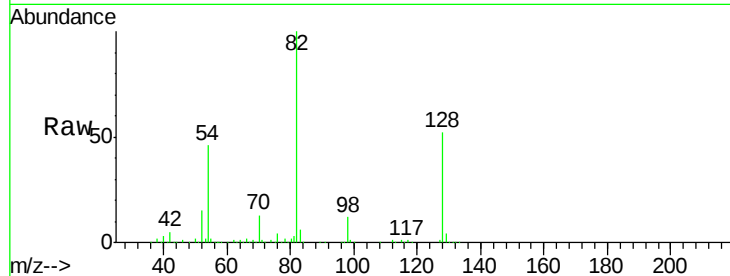




#18
Hexachloroethane
Concen: 2.15 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF099073.D
Acq: 4 Oct 2017 18:11

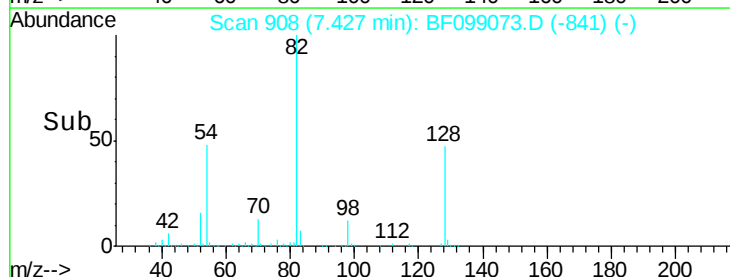
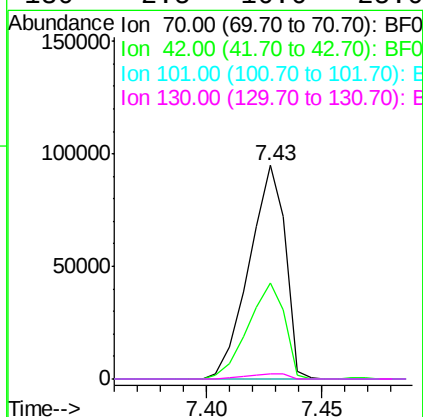
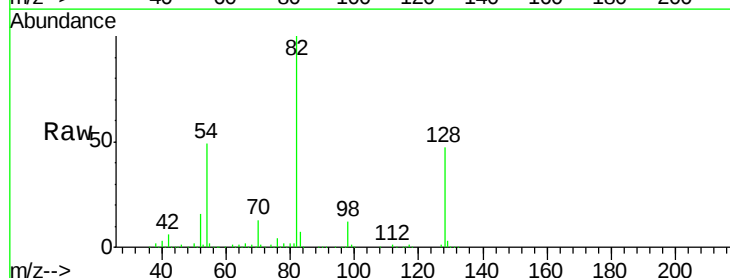
Instrument :
BNA_F
ClientSampleId :

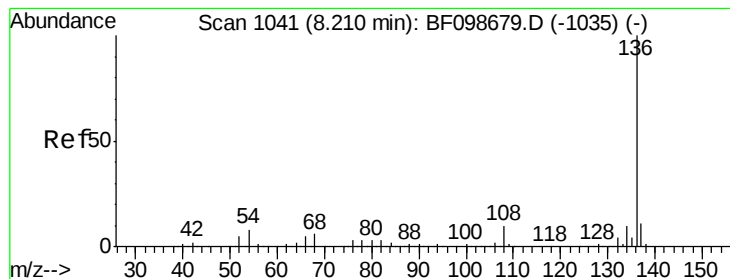
Tot Ion:117 Resp: 7935
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.8#
201 0.0 75.7 113.5#



#19
n-Nitroso-di-n-propylamine
Concen: 15.49 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.09 min
Lab File: BF099073.D
Acq: 4 Oct 2017 18:11

Tgt Ion: 70 Resp: 103676
Ion Ratio Lower Upper
70 100
42 45.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.06 min

Lab File: BF099073.D

Acq: 4 Oct 2017 18:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 574276

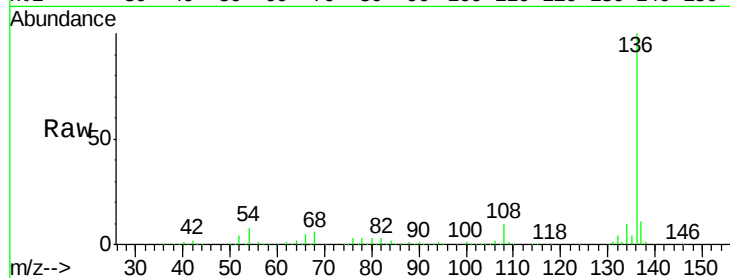
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.5 6.6 9.8

68 6.0 5.0 7.4

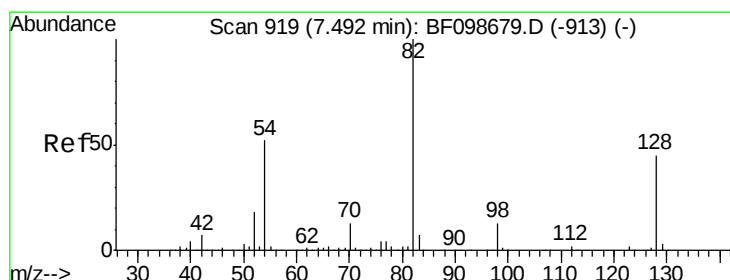
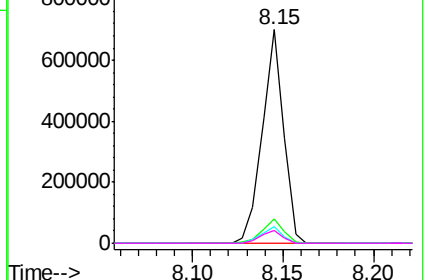
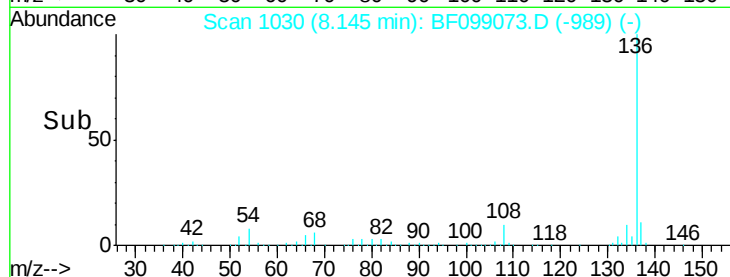


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.18 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.06 min

Lab File: BF099073.D

Acq: 4 Oct 2017 18:11

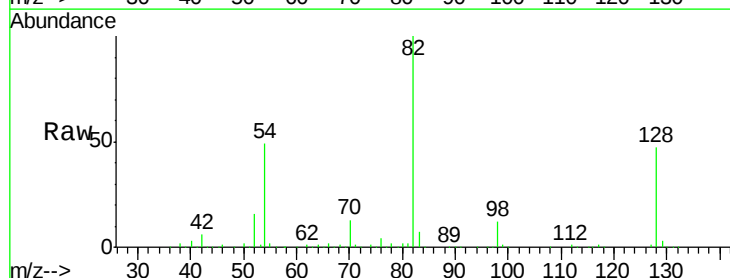
Tgt Ion: 82 Resp: 798600

Ion Ratio Lower Upper

82 100

128 46.9 36.1 54.1

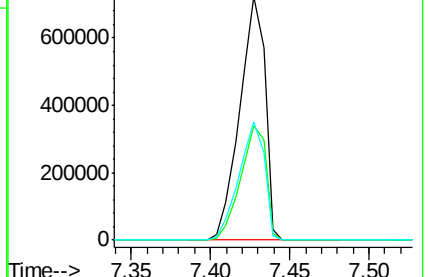
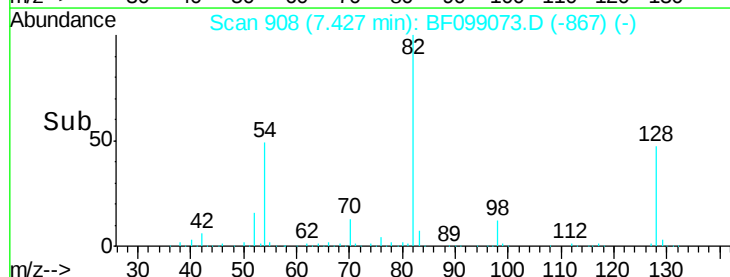
54 48.5 41.4 62.2

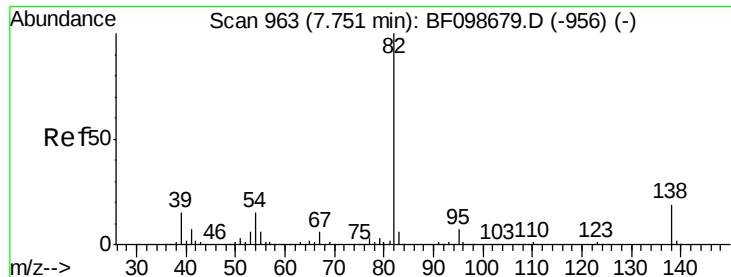


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 42.70 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.32 min

Lab File: BF099073.D

Acq: 4 Oct 2017 18:11

Instrument :

BNA_F

ClientSampleId :

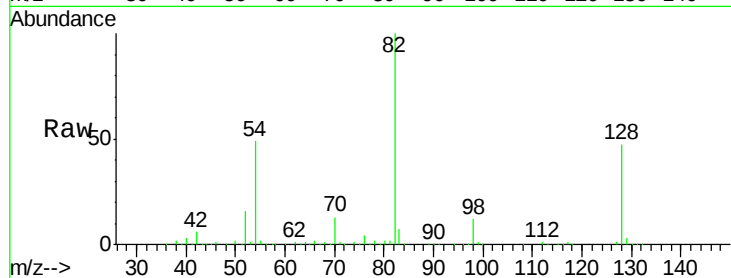
Tot Ion: 82 Resp: 790536

Ion Ratio Lower Upper

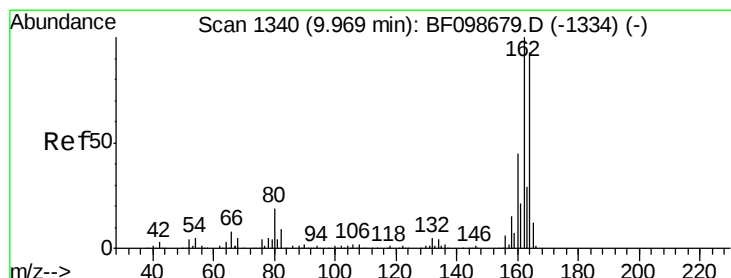
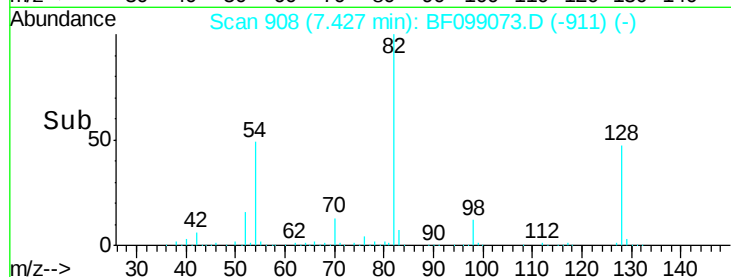
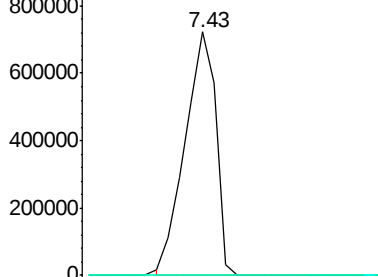
82 100

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: 9.90 min Scan# 1328

Delta R.T. -0.06 min

Lab File: BF099073.D

Acq: 4 Oct 2017 18:11

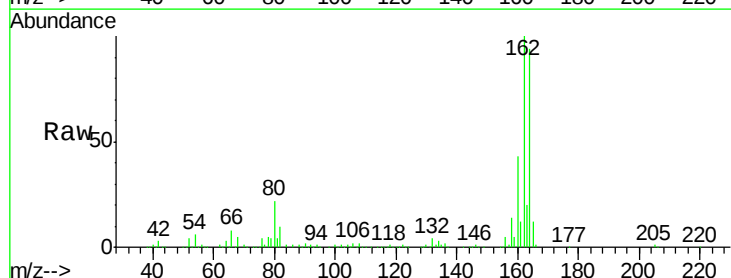
Tgt Ion:164 Resp: 264833

Ion Ratio Lower Upper

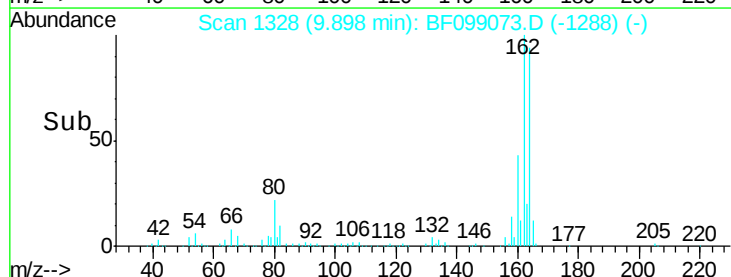
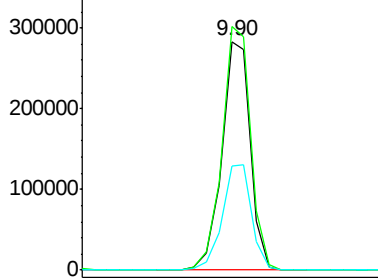
164 100

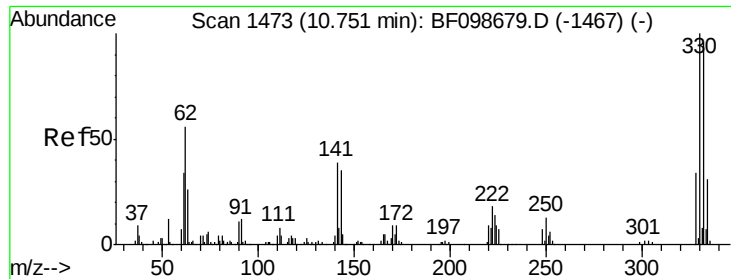
162 106.7 86.1 129.1

160 45.8 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

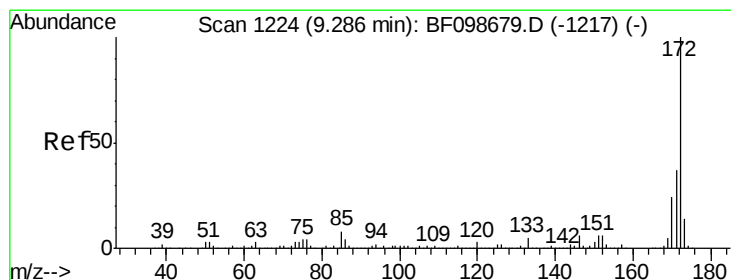
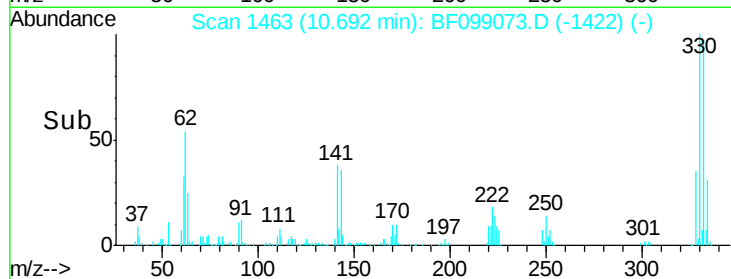
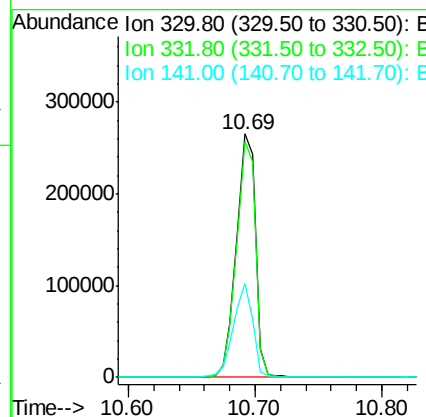
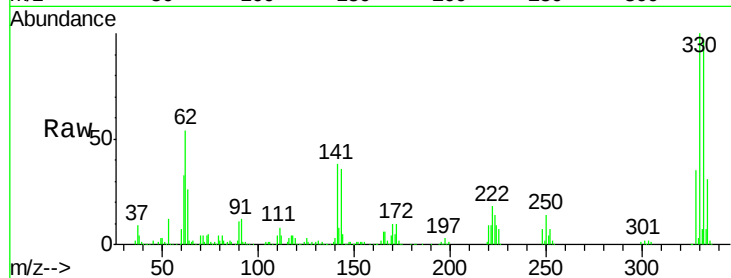




#41
 2,4,6-Tribromophenol
 Concen: 127.17 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.06 min
 Lab File: BF099073.D
 Acq: 4 Oct 2017 18:11

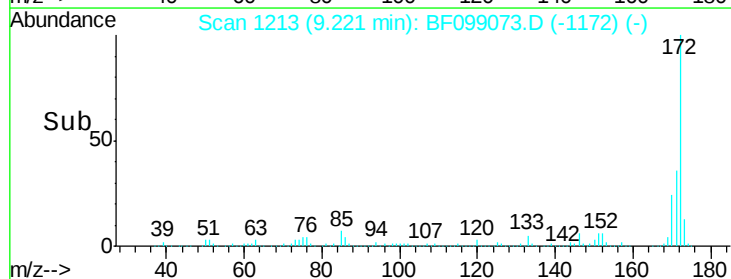
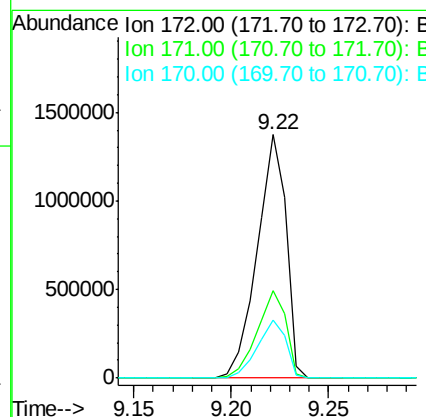
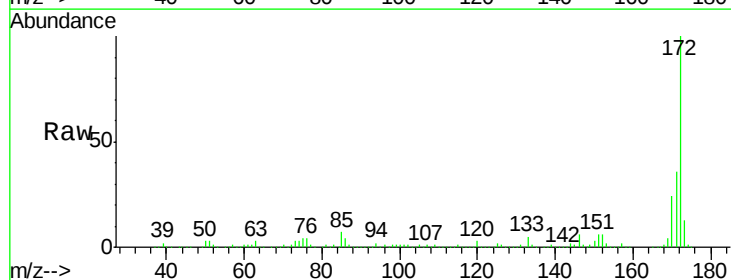
Instrument :
 BNA_F
 ClientSampleId :

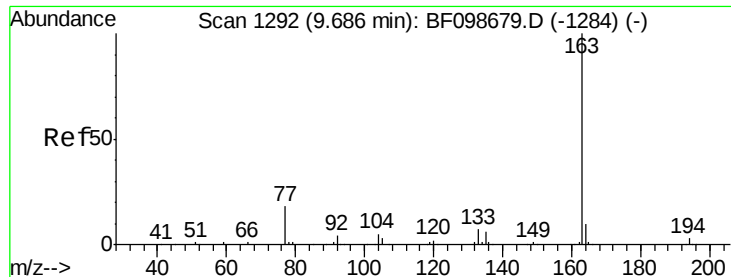
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	39.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 88.59 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.06 min
 Lab File: BF099073.D
 Acq: 4 Oct 2017 18:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.8	19.6	29.4





#49

Dimethylphthalate

Concen: 4.58 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.07 min

Lab File: BF099073.D

Acq: 4 Oct 2017 18:11

Instrument :

BNA_F

ClientSampleId :

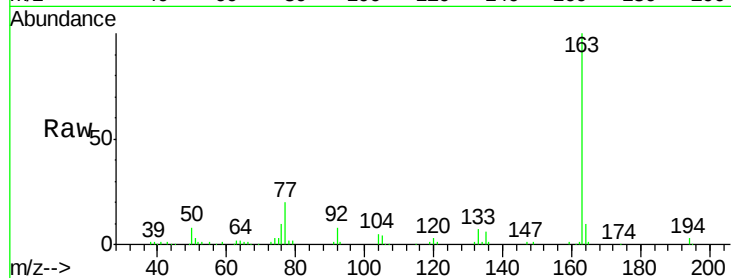
Tot Ion:163 Resp: 91616

Ion Ratio Lower Upper

163 100

194 2.9 2.7 4.1

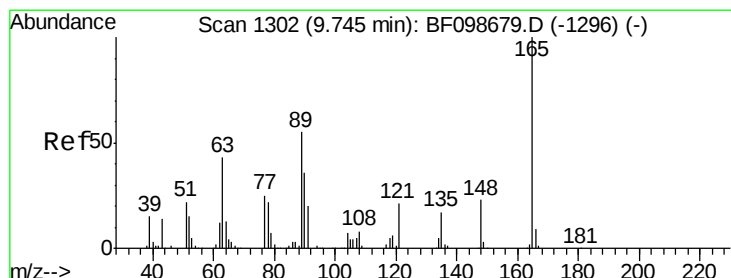
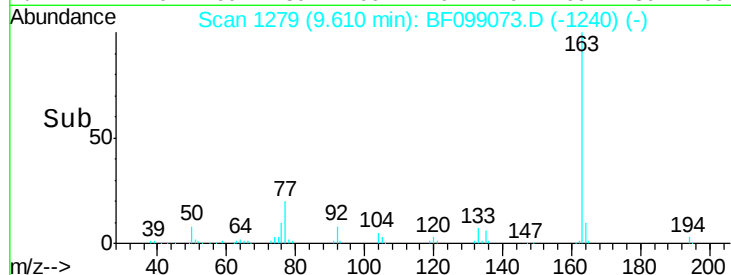
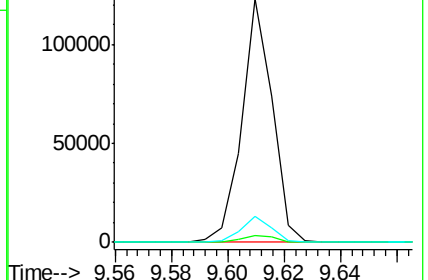
164 10.5 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 7.96 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.16 min

Lab File: BF099073.D

Acq: 4 Oct 2017 18:11

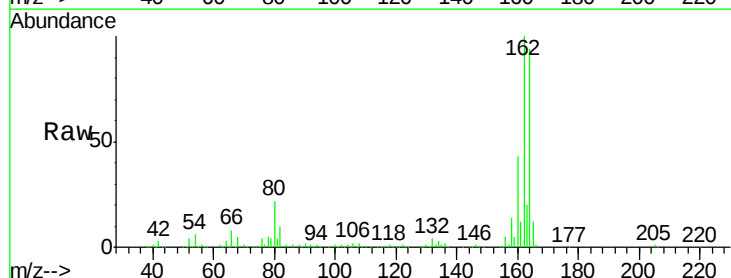
Tgt Ion:165 Resp: 34636

Ion Ratio Lower Upper

165 100

63 1.5 44.7 67.1#

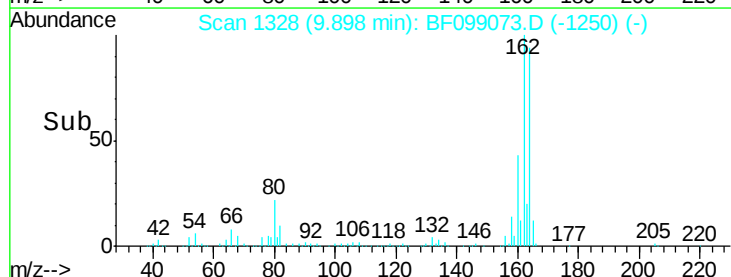
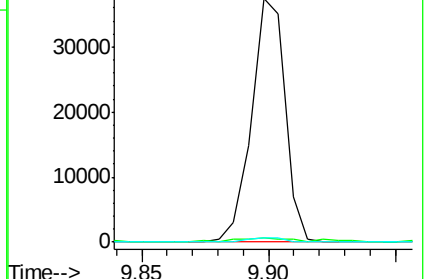
89 1.7 44.0 66.0#

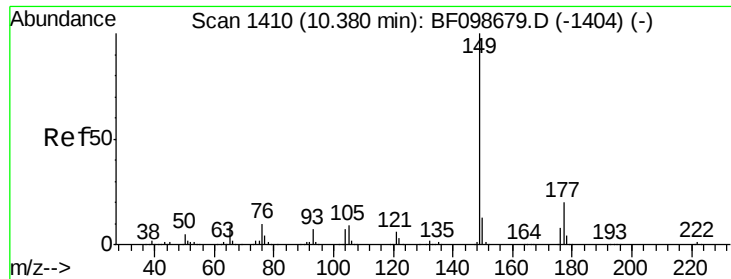


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

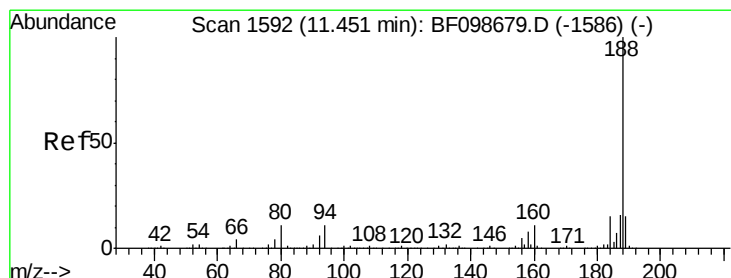
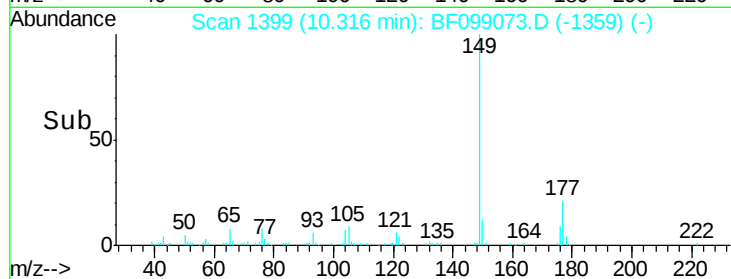
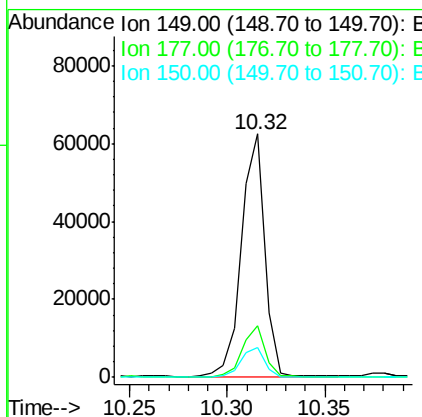
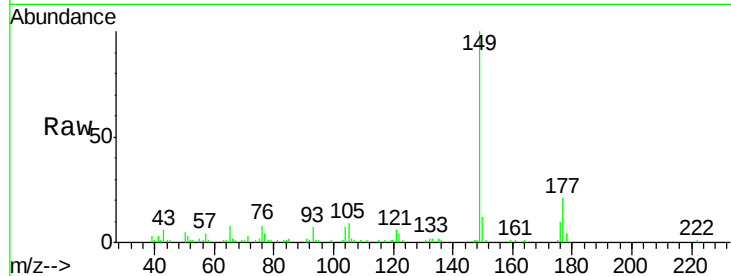




#59
Diethylphthalate
Concen: 2.69 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.06 min
Lab File: BF099073.D
Acq: 4 Oct 2017 18:11

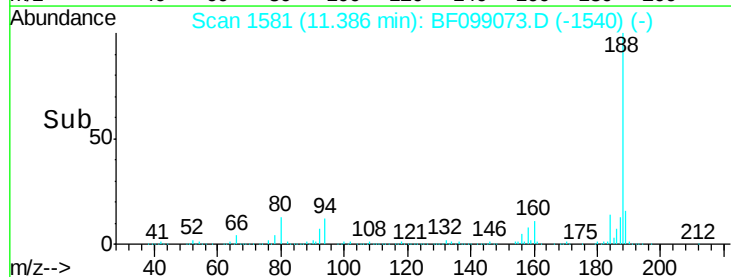
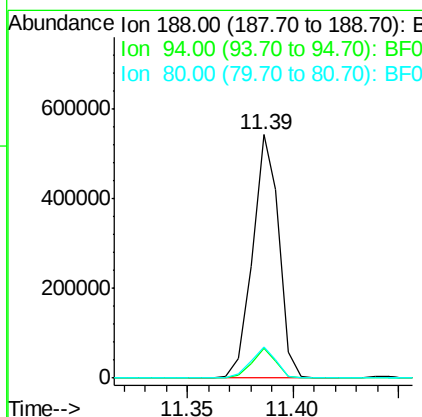
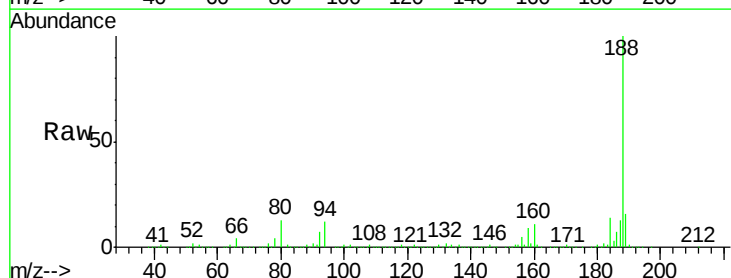
Instrument :
BNA_F
ClientSampleId :

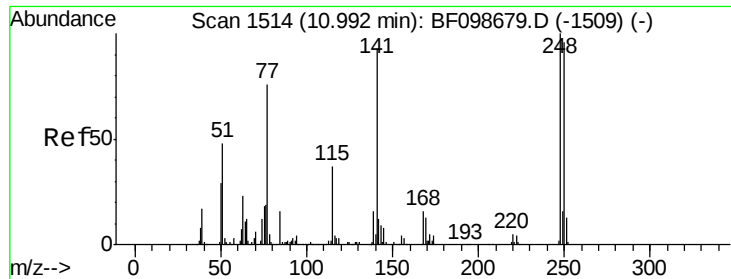
Tot Ion:149 Resp: 52594
Ion Ratio Lower Upper
149 100
177 21.4 16.1 24.1
150 12.3 10.1 15.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.06 min
Lab File: BF099073.D
Acq: 4 Oct 2017 18:11

Tgt Ion:188 Resp: 467741
Ion Ratio Lower Upper
188 100
94 12.2 8.5 12.7
80 12.7 9.2 13.8

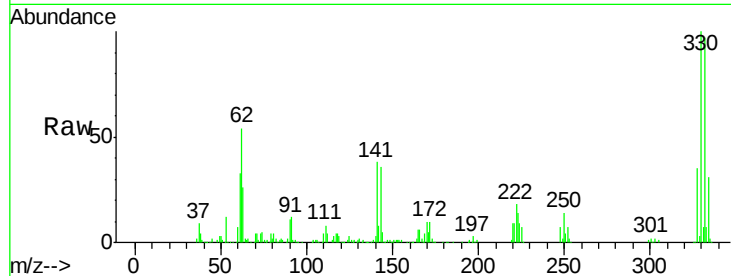




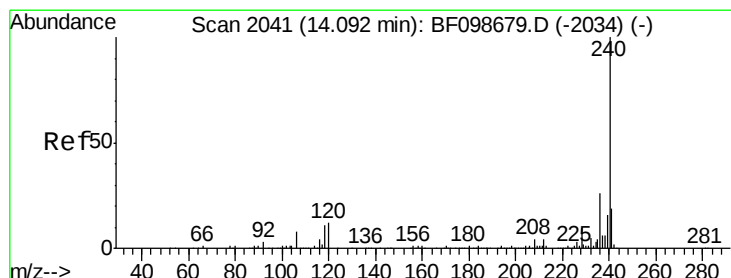
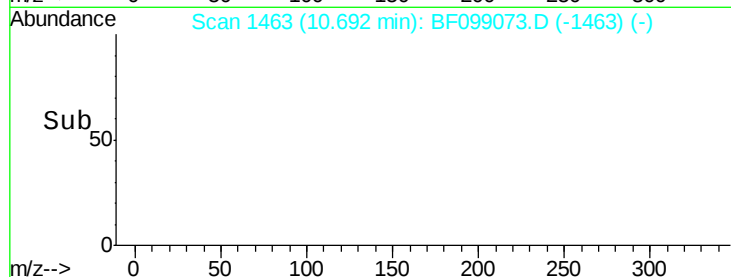
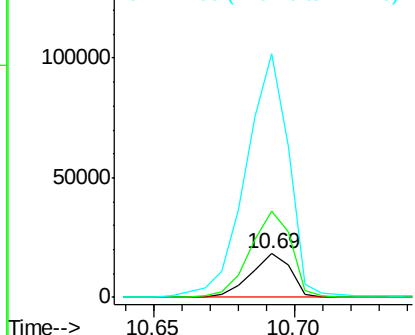
#66
4-Bromophenyl-phenylether
Concen: 3.94 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.30 min
Lab File: BF099073.D
Acq: 4 Oct 2017 18:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 18060
Ion Ratio Lower Upper
248 100
250 196.7 76.9 115.3#
141 558.3 74.4 111.6#

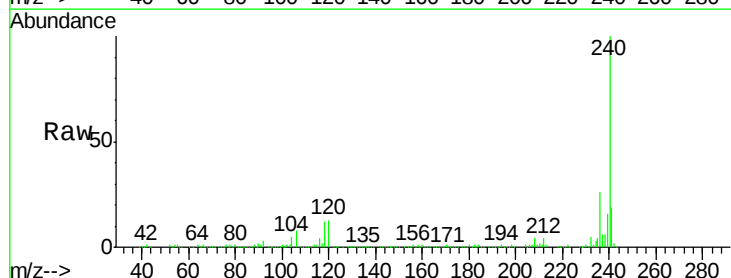


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

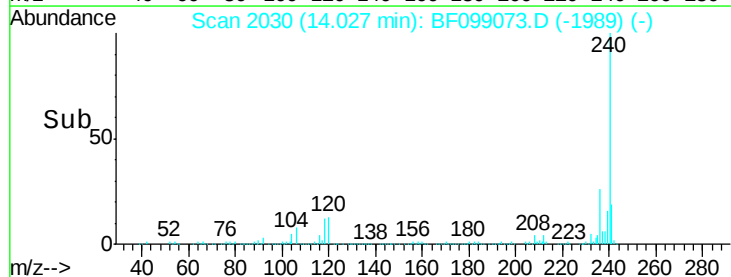
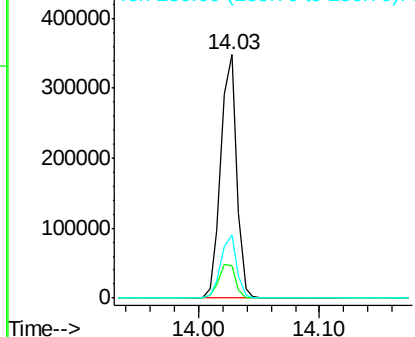


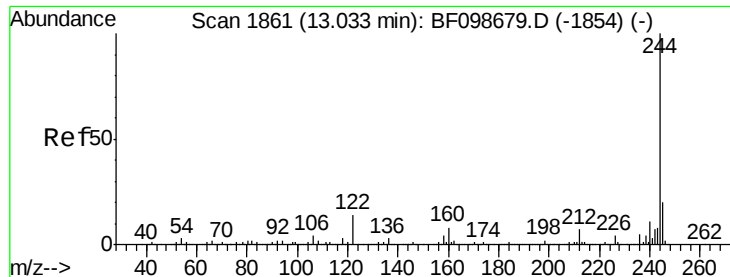
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.06 min
Lab File: BF099073.D
Acq: 4 Oct 2017 18:11

Tgt Ion:240 Resp: 314735
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 26.0 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

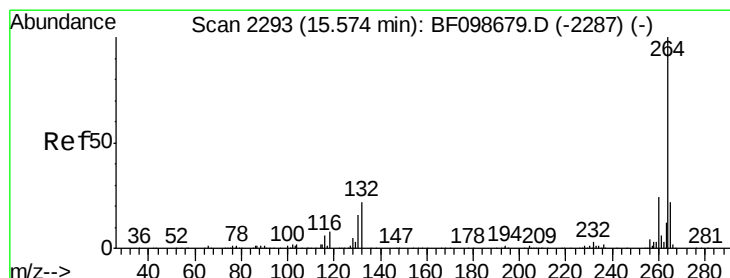
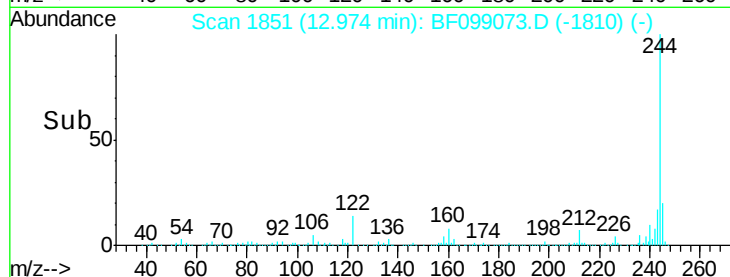
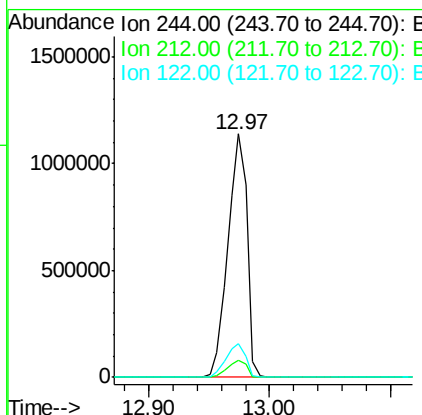
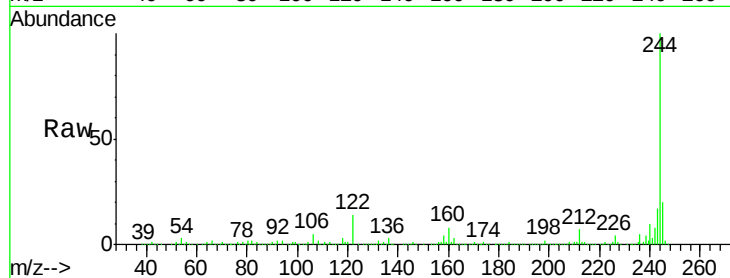




#78
 Terphenyl-d14
 Concen: 90.07 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.06 min
 Lab File: BF099073.D
 Acq: 4 Oct 2017 18:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1246481
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 14.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.08 min
 Lab File: BF099073.D
 Acq: 4 Oct 2017 18:11

Tgt Ion:264 Resp: 239578
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.2 28.8
 265 20.4 17.5 26.3

