

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100417\
 Data File : BF099078.D
 Acq On : 4 Oct 2017 20:32
 Operator : SJ/JU
 Sample : I5530-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 05 01:10:32 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

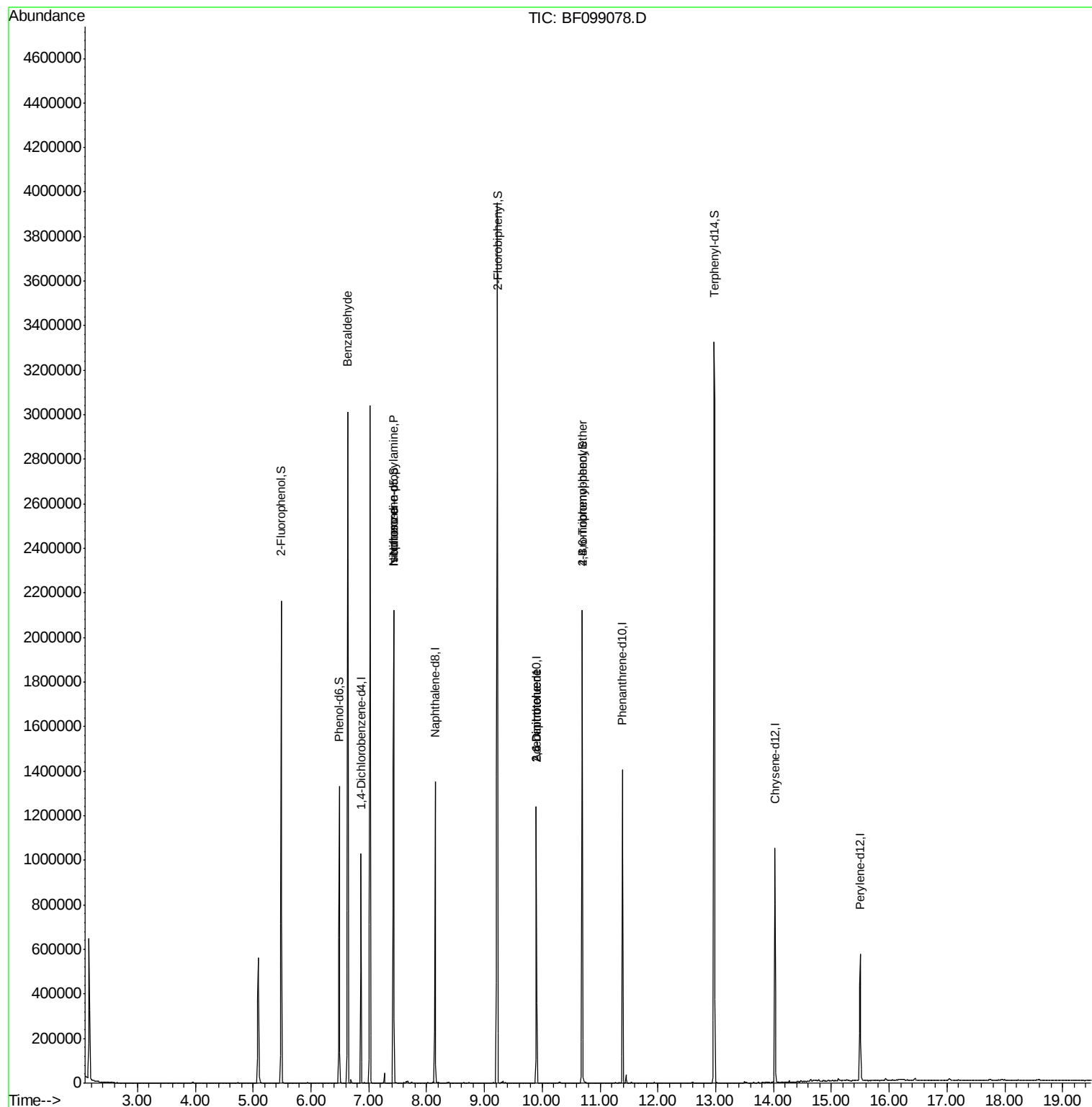
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	143014	20.00	ng	-0.06
21) Naphthalene-d8	8.15	136	587018	20.00	ng	-0.06
38) Acenaphthene-d10	9.90	164	264205	20.00	ng	-0.06
63) Phenanthrene-d10	11.39	188	468553	20.00	ng	-0.06
75) Chrysene-d12	14.03	240	319163	20.00	ng	-0.06
86) Perylene-d12	15.50	264	240471	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	601560	66.96	ng	-0.05
7) Phenol-d6	6.49	99	474859	42.85	ng	-0.06
23) Nitrobenzene-d5	7.43	82	854863	93.39	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	281489	130.20	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	1472163	93.02	ng	-0.06
78) Terphenyl-d14	12.97	244	1281473	91.31	ng	-0.06
Target Compounds						Qvalue
9) Benzaldehyde	6.64	77	19157	2.98	ng	89
19) n-Nitroso-di-n-propylamine	7.43	70	111712	15.79	ng	# 73
25) Isophorone	7.43	82	850778	44.96	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	33481	7.71	ng	# 25
56) 2,4-Dinitrotoluene	9.90	165	33481	5.94	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	19002	4.14	ng	# 1

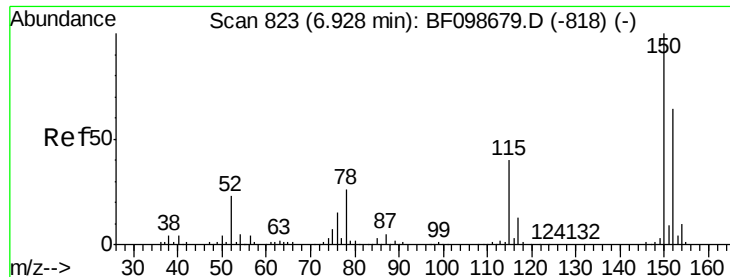
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF099078.D

Acq: 4 Oct 2017 20:32

Instrument :

BNA_F

ClientSampleId :

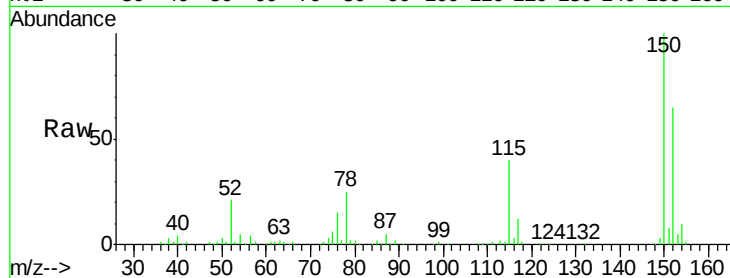
Tot Ion:152 Resp: 143014

Ion Ratio Lower Upper

152 100

150 153.9 124.6 186.8

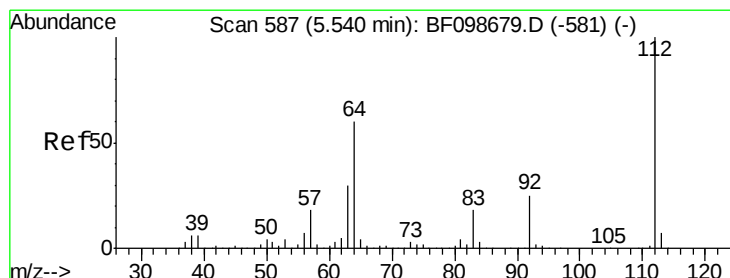
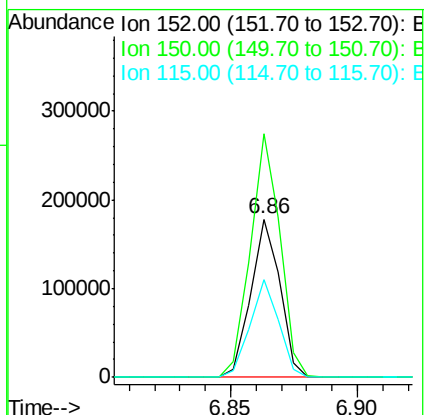
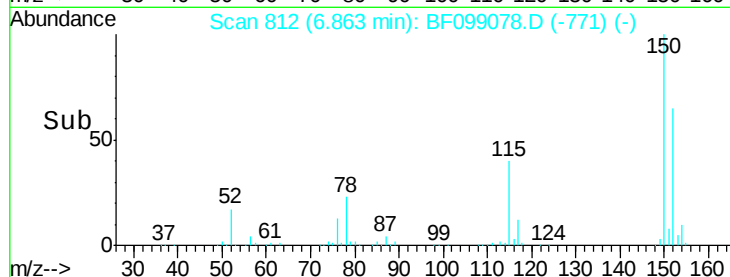
115 61.6 50.1 75.1



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: 66.96 ng

RT: 5.49 min Scan# 578

Delta R.T. -0.05 min

Lab File: BF099078.D

Acq: 4 Oct 2017 20:32

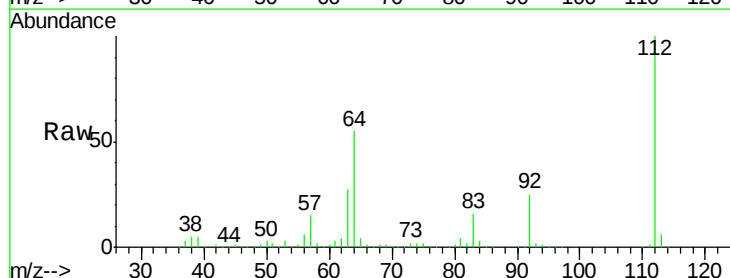
Tgt Ion:112 Resp: 601560

Ion Ratio Lower Upper

112 100

64 55.1 47.9 71.9

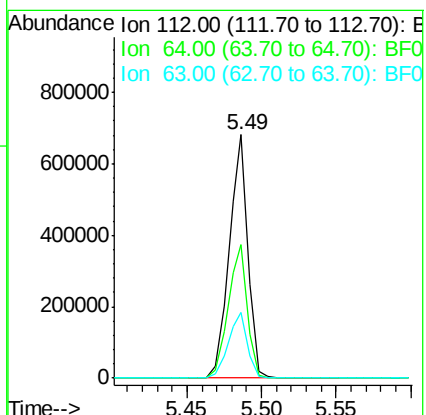
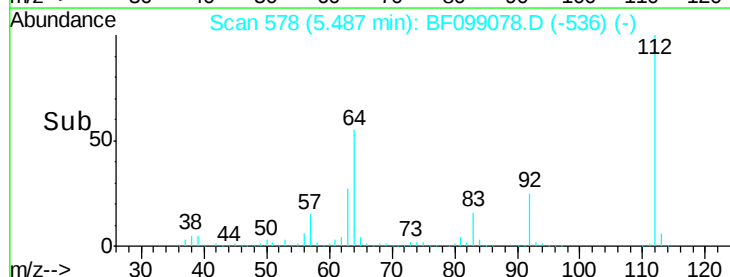
63 26.7 23.7 35.5

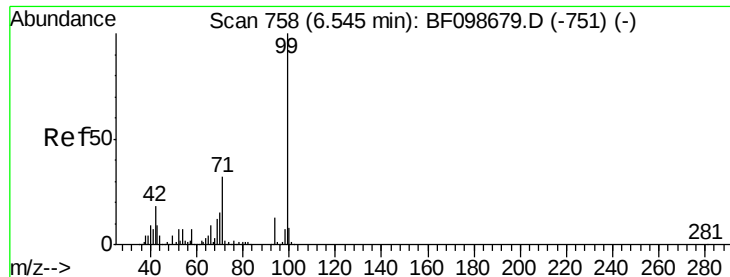


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.85 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.06 min

Lab File: BF099078.D

Acq: 4 Oct 2017 20:32

Instrument :

BNA_F

ClientSampleId :

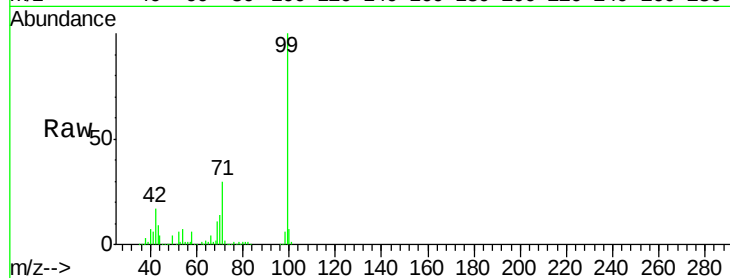
Tot Ion: 99 Resp: 474859

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

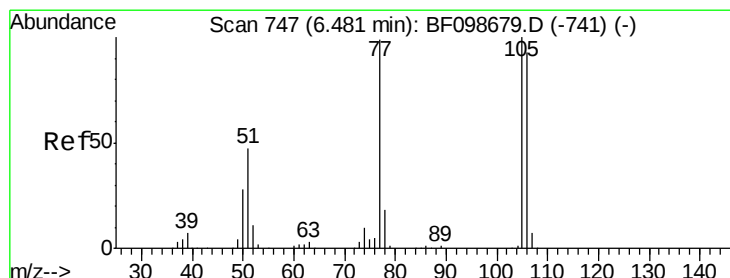
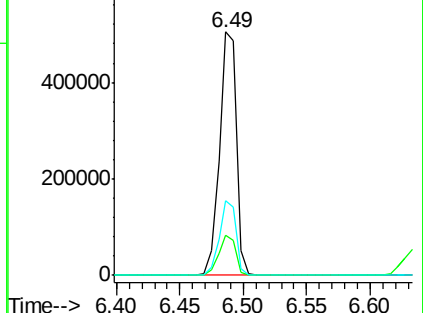
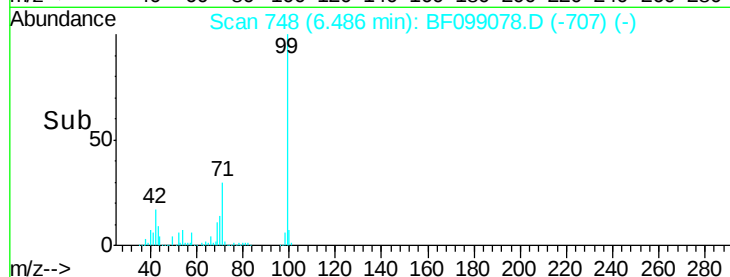
71 30.5 25.4 38.0



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: 2.98 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.17 min

Lab File: BF099078.D

Acq: 4 Oct 2017 20:32

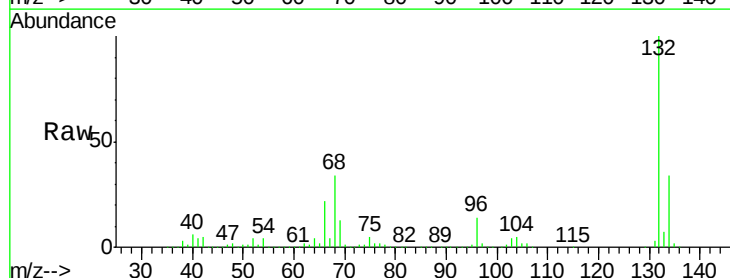
Tgt Ion: 77 Resp: 19157

Ion Ratio Lower Upper

77 100

105 87.8 81.1 121.1

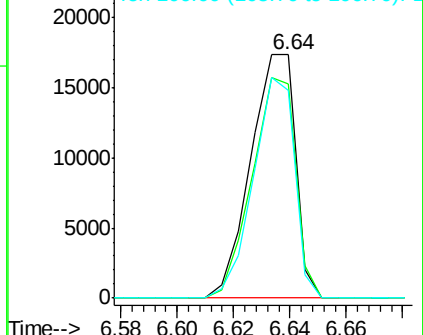
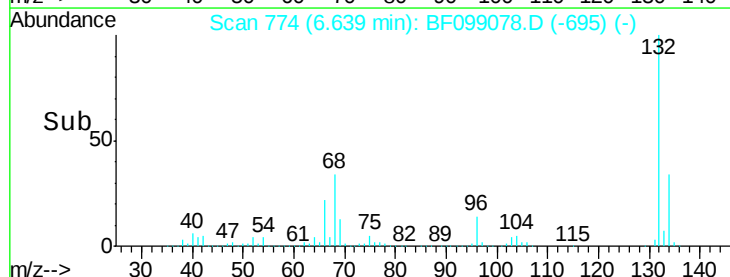
106 85.5 74.5 114.5

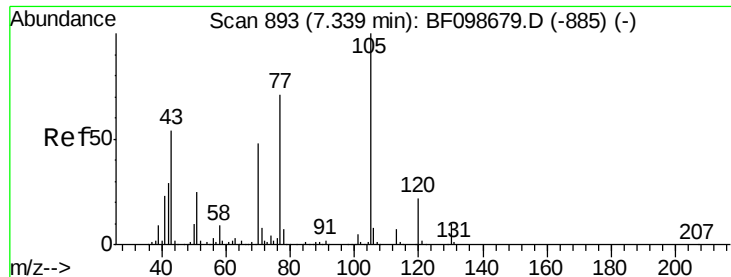


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

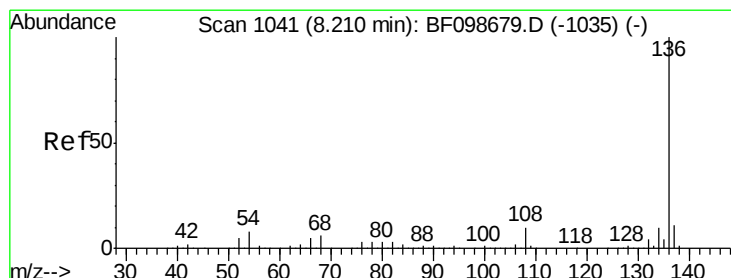
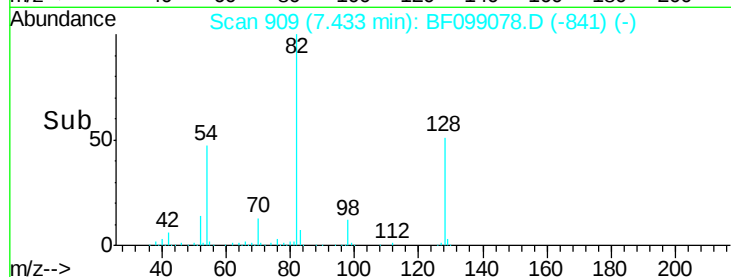
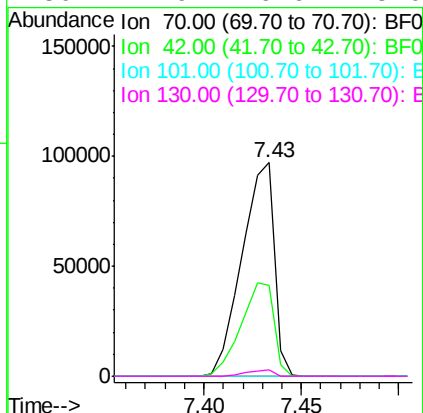
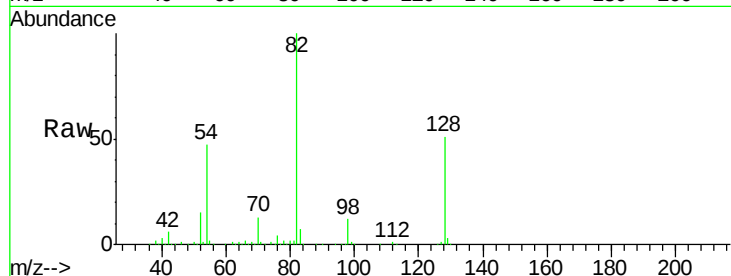




#19
n-Nitroso-di-n-propylamine
Concen: 15.79 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.10 min
Lab File: BF099078.D
Acq: 4 Oct 2017 20:32

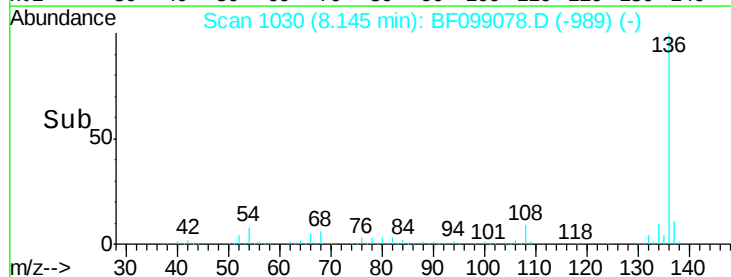
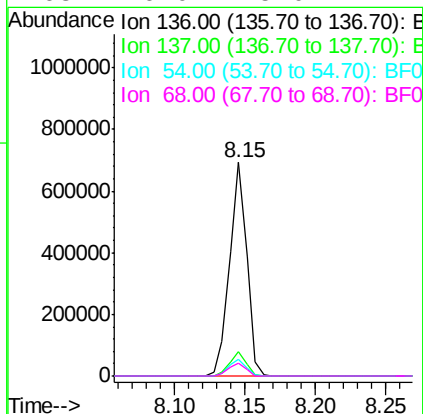
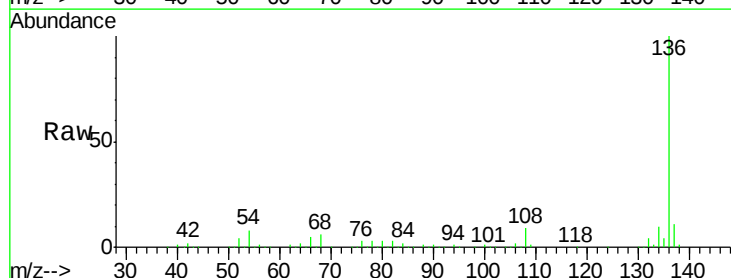
Instrument :
BNA_F
ClientSampled :

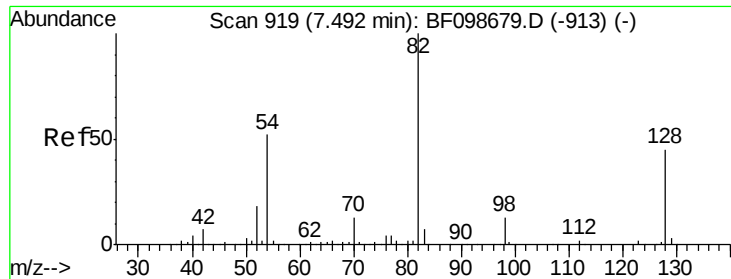
Tot Ion: 70 Resp: 111712
Ion Ratio Lower Upper
70 100
42 42.4 47.5 71.3#
101 0.0 7.4 11.2#
130 2.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.06 min
Lab File: BF099078.D
Acq: 4 Oct 2017 20:32

Tgt Ion: 136 Resp: 587018
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.7 6.6 9.8
68 6.0 5.0 7.4

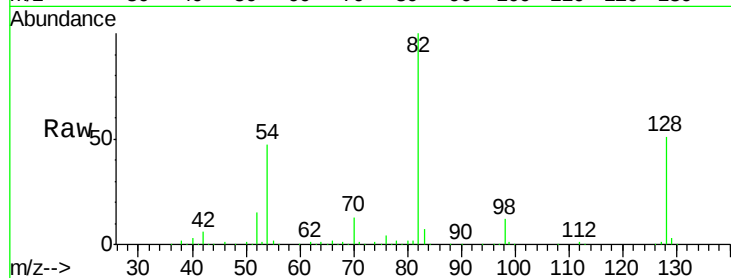




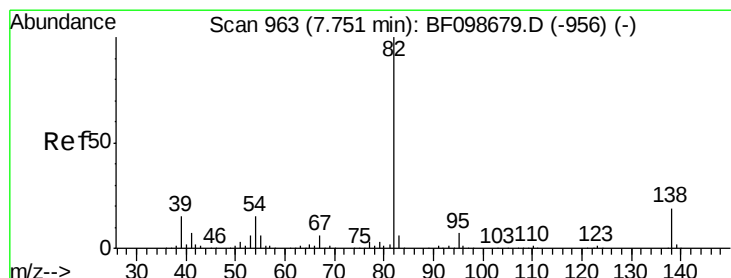
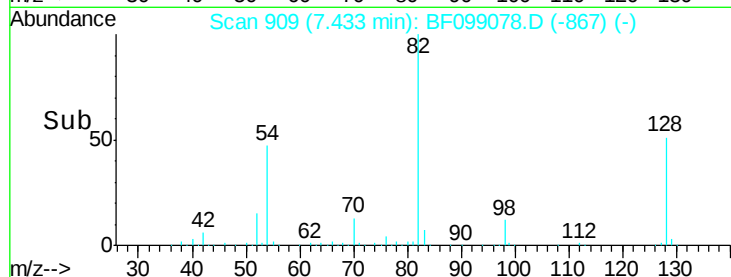
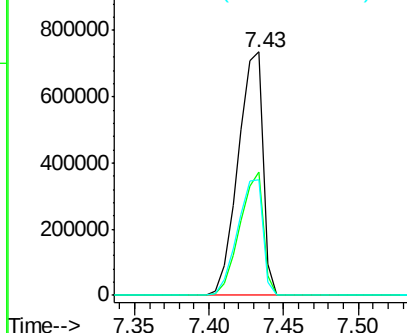
#23
Nitrobenzene-d5
Concen: 93.39 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.05 min
Lab File: BF099078.D
Acq: 4 Oct 2017 20:32

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 854863
Ion Ratio Lower Upper
82 100
128 50.5 36.1 54.1
54 47.5 41.4 62.2

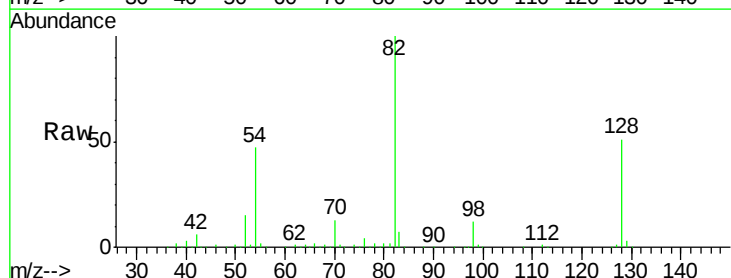


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

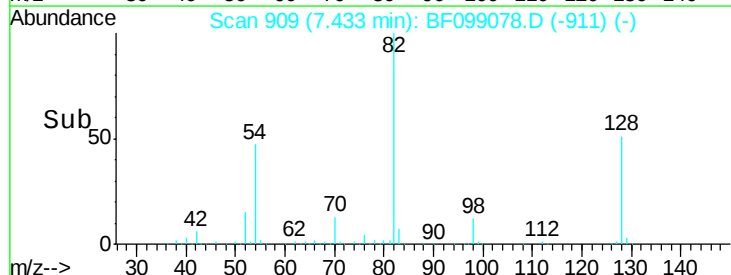
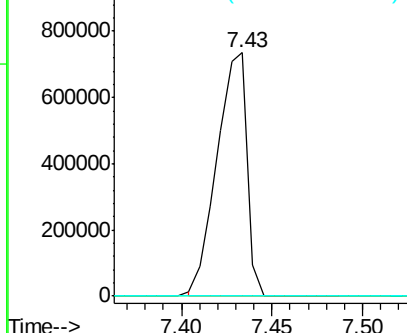


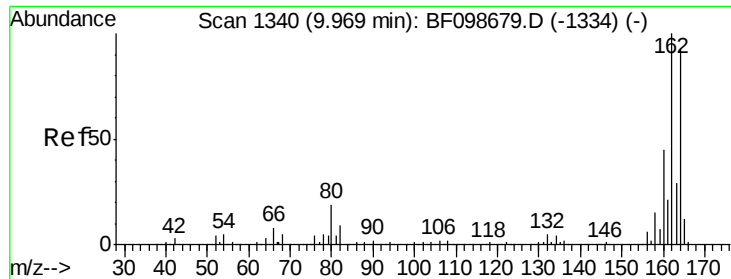
#25
Isophorone
Concen: 44.96 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.31 min
Lab File: BF099078.D
Acq: 4 Oct 2017 20:32

Tgt Ion: 82 Resp: 850778
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): BF0

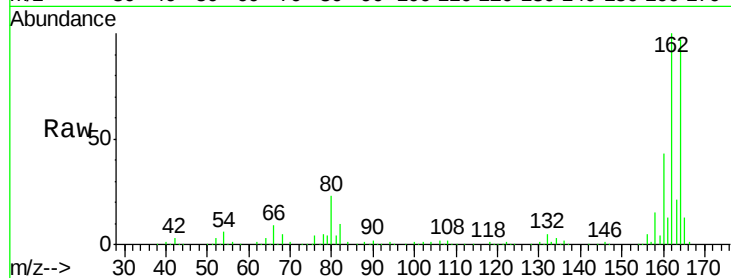




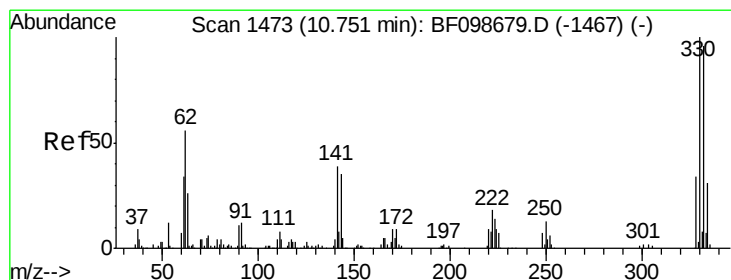
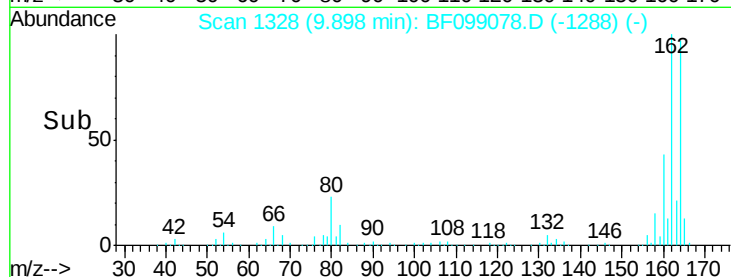
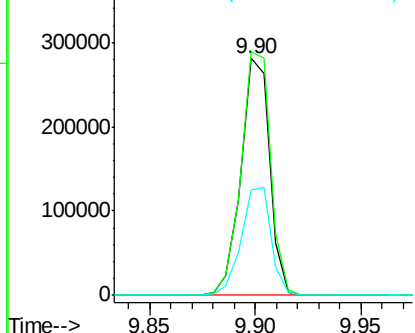
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.06 min
 Lab File: BF099078.D
 Acq: 4 Oct 2017 20:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 264205
 Ion Ratio Lower Upper
 164 100
 162 102.9 86.1 129.1
 160 44.5 38.3 57.5

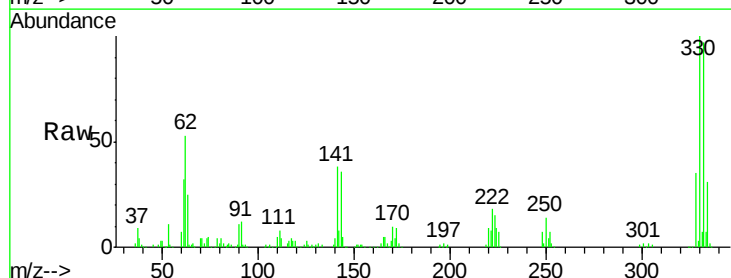


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

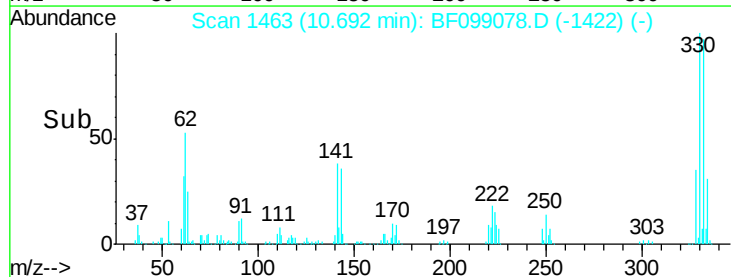
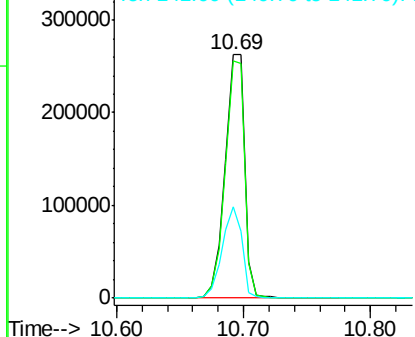


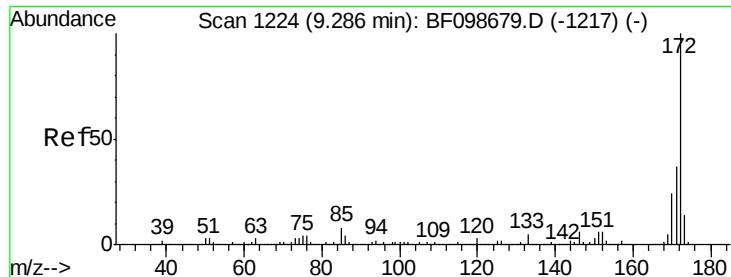
#41
 2,4,6-Tribromophenol
 Concen: 130.20 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.06 min
 Lab File: BF099078.D
 Acq: 4 Oct 2017 20:32

Tgt Ion:330 Resp: 281489
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 38.1 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: 93.02 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.06 min

Lab File: BF099078.D

Acq: 4 Oct 2017 20:32

Instrument :

BNA_F

ClientSampleId :

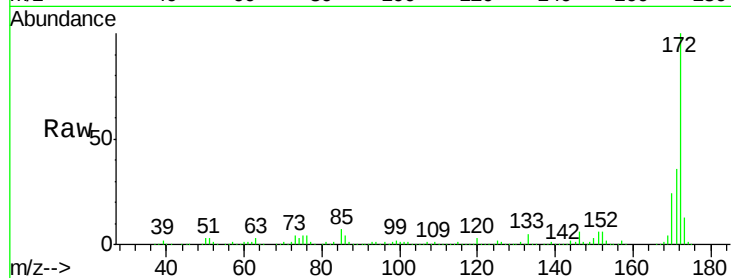
Tot Ion:172 Resp: 1472163

Ion Ratio Lower Upper

172 100

171 36.0 29.7 44.5

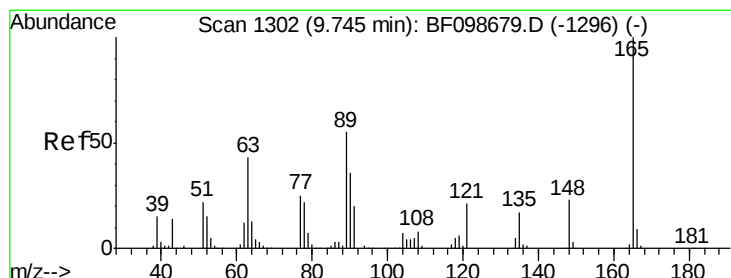
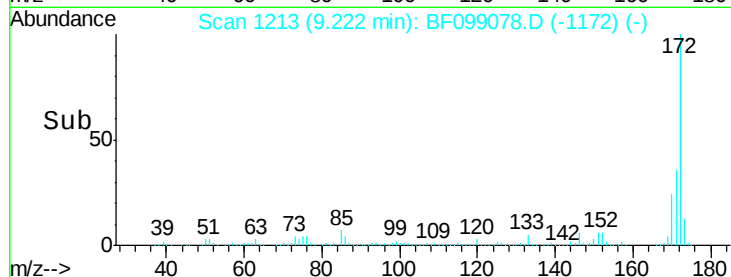
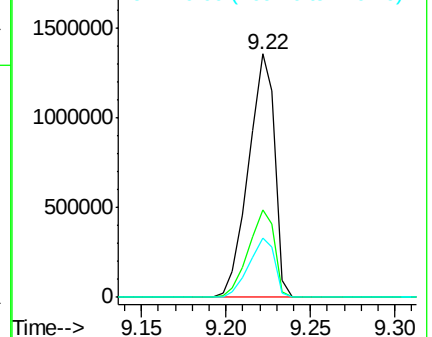
170 24.4 19.6 29.4



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



#50

2,6-Dinitrotoluene

Concen: 7.71 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.16 min

Lab File: BF099078.D

Acq: 4 Oct 2017 20:32

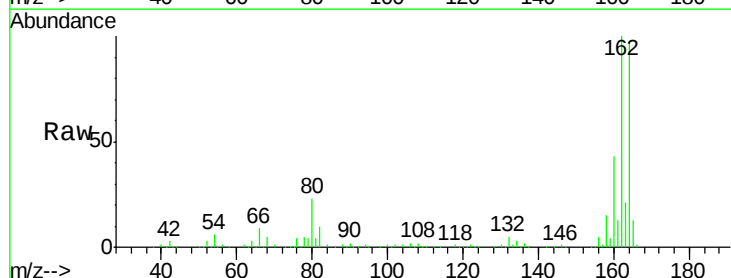
Tgt Ion:165 Resp: 33481

Ion Ratio Lower Upper

165 100

63 1.1 44.7 67.1#

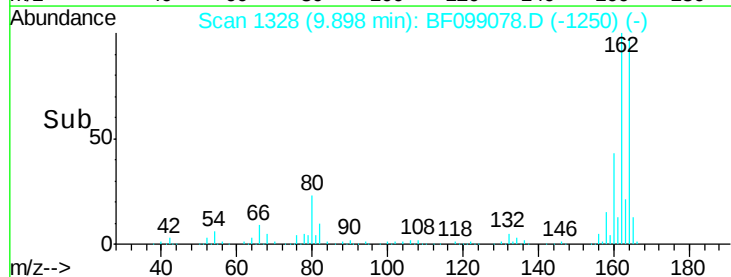
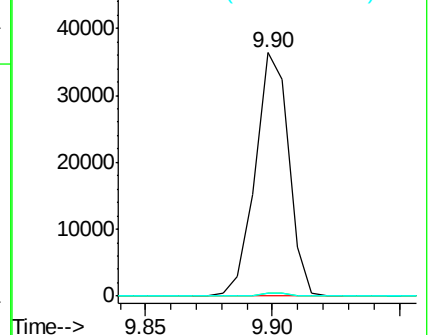
89 1.0 44.0 66.0#

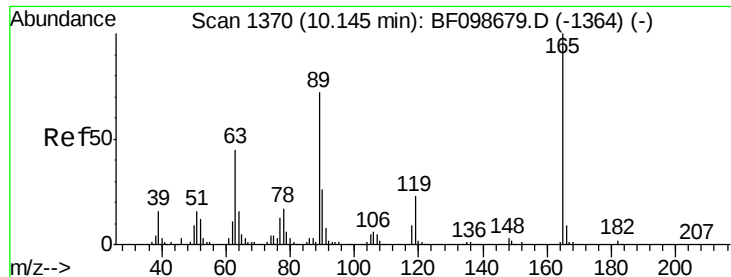


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

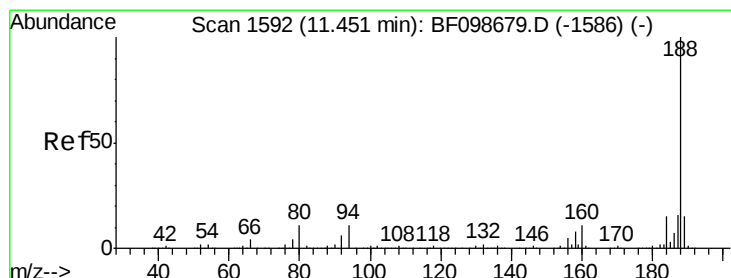
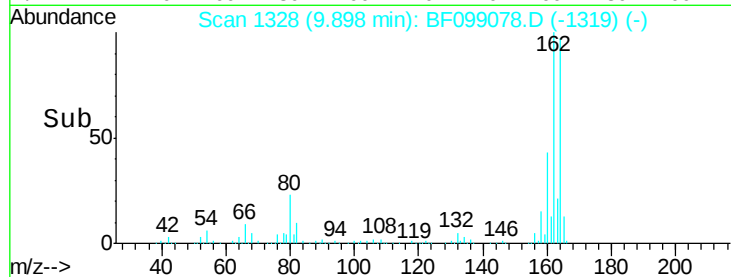
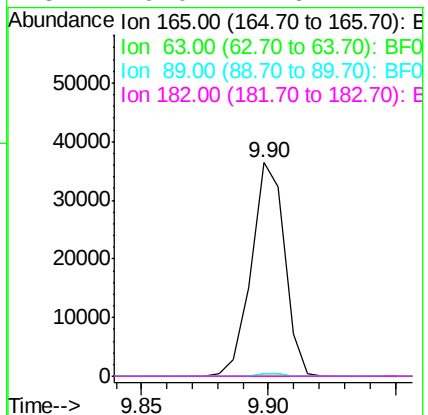
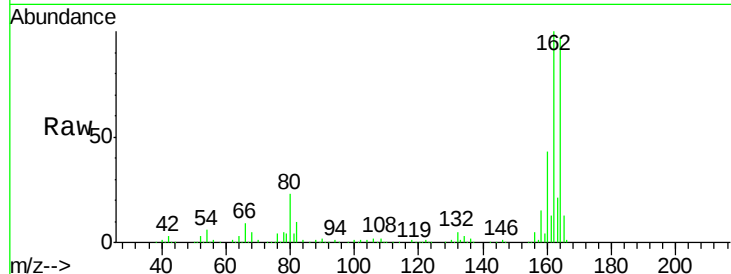




#56
 2,4-Dinitrotoluene
 Concen: 5.94 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.25 min
 Lab File: BF099078.D
 Acq: 4 Oct 2017 20:32

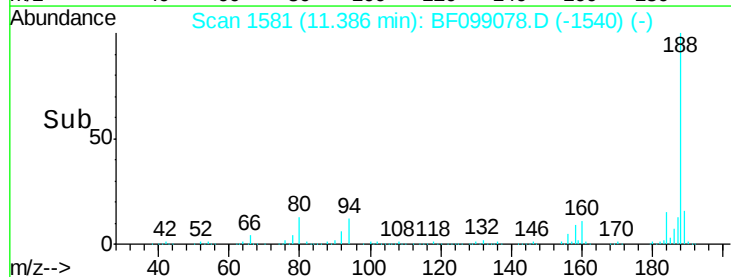
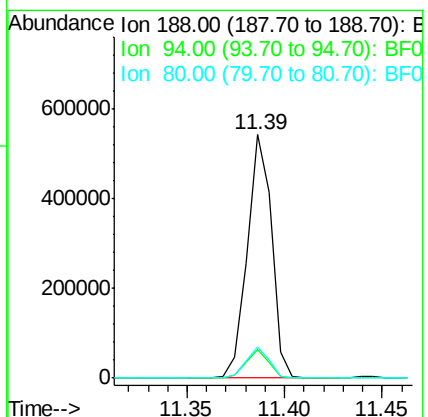
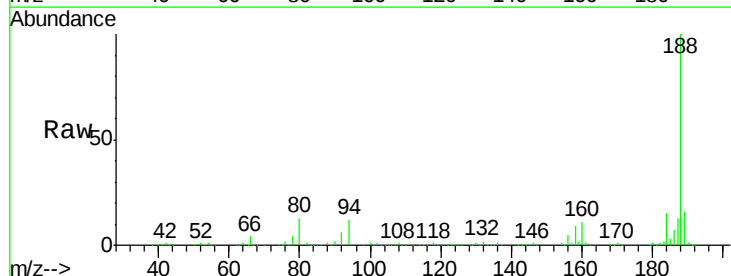
Instrument :
 BNA_F
 ClientSampleId :

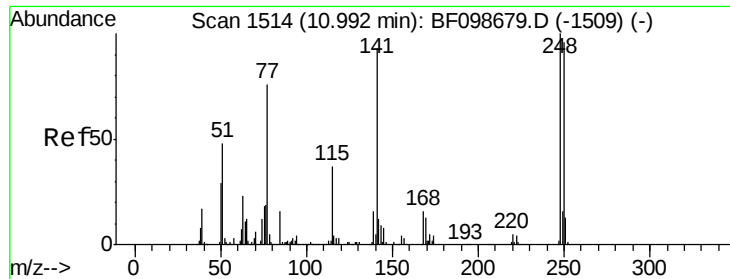
Tot Ion:165 Resp: 33481
 Ion Ratio Lower Upper
 165 100
 63 1.1 36.4 54.6#
 89 1.0 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.06 min
 Lab File: BF099078.D
 Acq: 4 Oct 2017 20:32

Tgt Ion:188 Resp: 468553
 Ion Ratio Lower Upper
 188 100
 94 12.0 8.5 12.7
 80 12.9 9.2 13.8

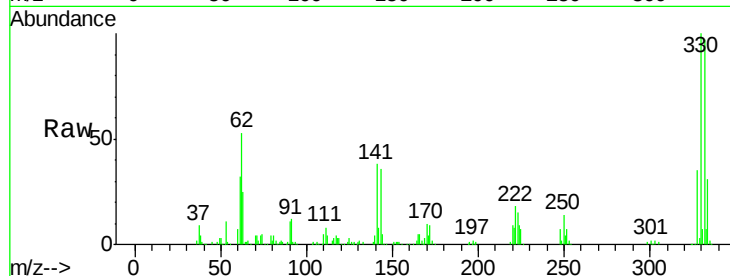




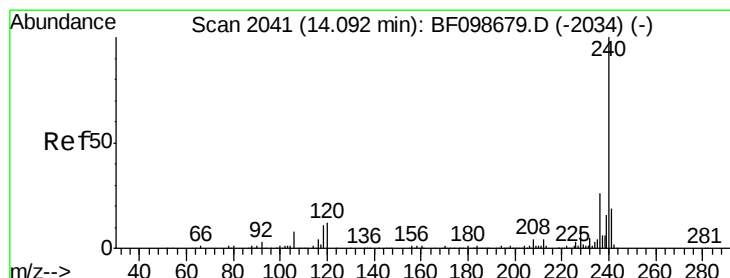
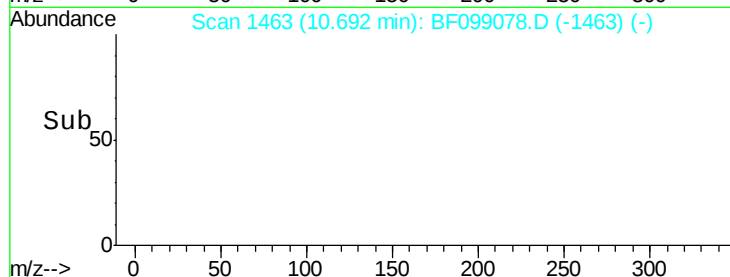
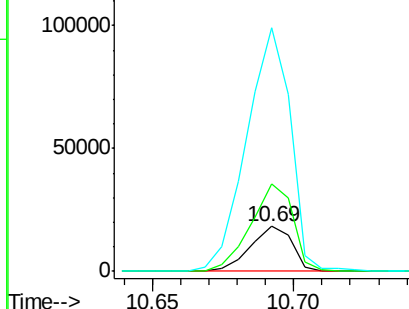
#66
4-Bromophenyl-phenylether
Concen: 4.14 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.30 min
Lab File: BF099078.D
Acq: 4 Oct 2017 20:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 19002
Ion Ratio Lower Upper
248 100
250 194.9 76.9 115.3#
141 544.3 74.4 111.6#

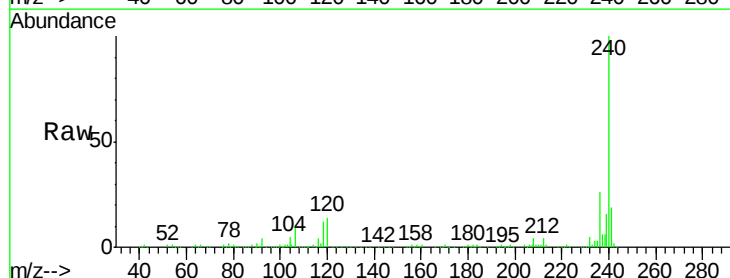


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

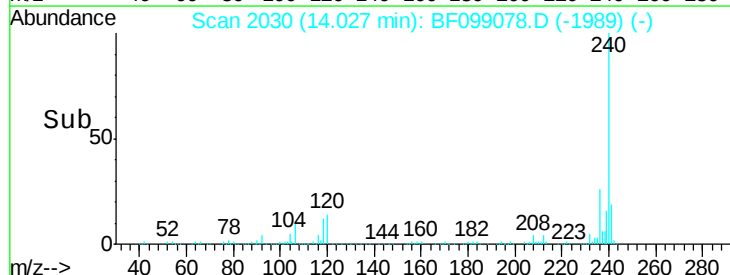
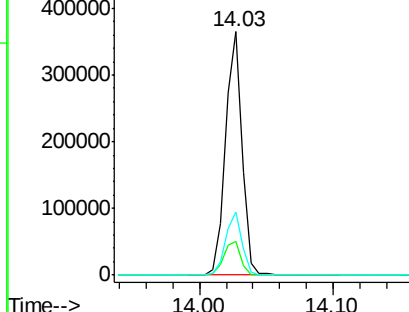


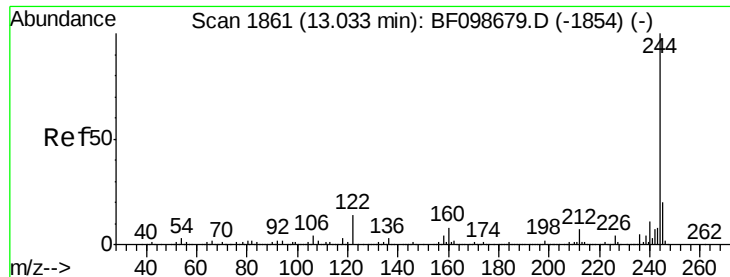
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.06 min
Lab File: BF099078.D
Acq: 4 Oct 2017 20:32

Tgt Ion:240 Resp: 319163
Ion Ratio Lower Upper
240 100
120 14.1 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

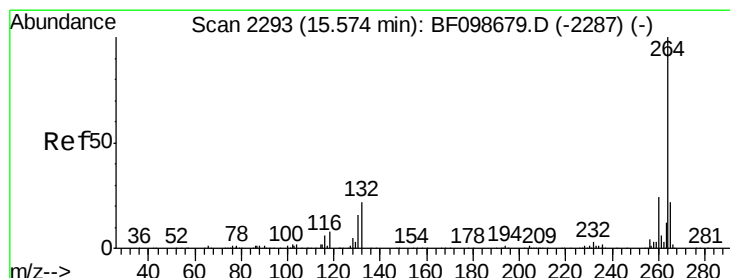
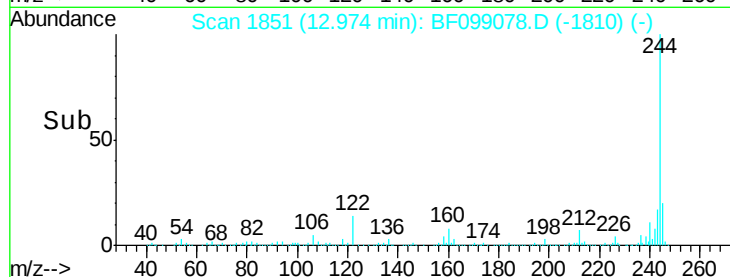
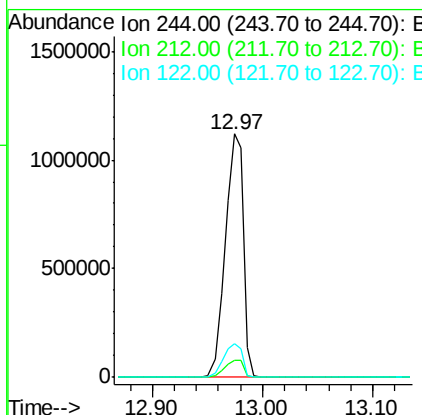
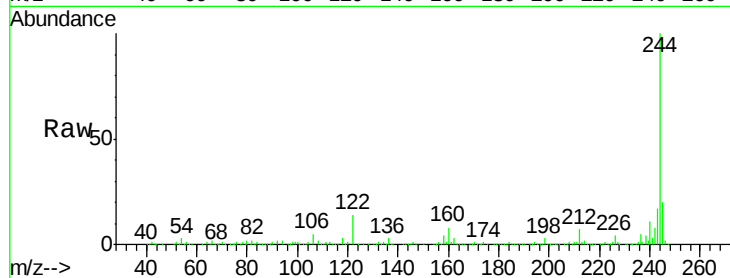




#78
 Terphenyl-d14
 Concen: 91.31 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.06 min
 Lab File: BF099078.D
 Acq: 4 Oct 2017 20:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1281473
 Ion Ratio Lower Upper
 244 100
 212 7.1 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: BF099078.D
 Acq: 4 Oct 2017 20:32

Tgt Ion:264 Resp: 240471
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.6 17.5 26.3

