

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101717\
 Data File : BF099598.D
 Acq On : 17 Oct 2017 23:09
 Operator : SJ/JU
 Sample : I5869-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 18 00:16:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 17:32:20 2017
 Response via : Initial Calibration

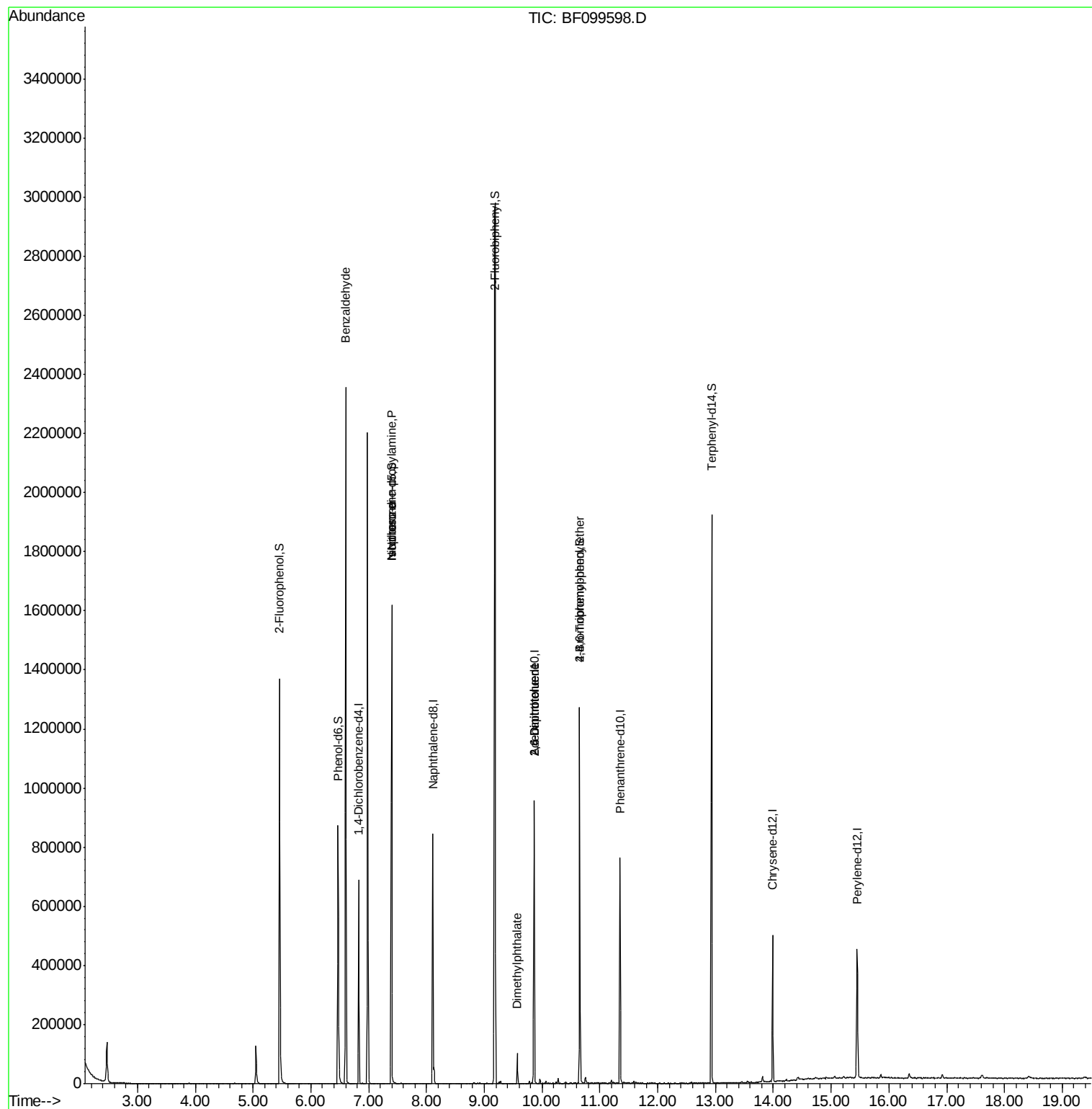
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	105002	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	422576	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	182582	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	267300	20.00	ng	0.00
75) Chrysene-d12	13.99	240	171063	20.00	ng	0.00
86) Perylene-d12	15.45	264	185441	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	408905	61.99	ng	0.01
7) Phenol-d6	6.47	99	301199	37.02	ng	0.00
23) Nitrobenzene-d5	7.40	82	612567	92.96	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	156329	104.64	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1118365	102.26	ng	0.00
78) Terphenyl-d14	12.93	244	665324	88.45	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	13571	2.88	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.40	70	76844	14.79	ng	# 72
25) Isophorone	7.40	82	612559	44.96	ng	# 64
49) Dimethylphthalate	9.57	163	38836	2.82	ng	100
50) 2,6-Dinitrotoluene	9.86	165	22810	7.60	ng	# 26
56) 2,4-Dinitrotoluene	9.86	165	22810	5.86	ng	# 23
66) 4-Bromophenyl-phenylether	10.65	248	10330	3.95	ng	# 1

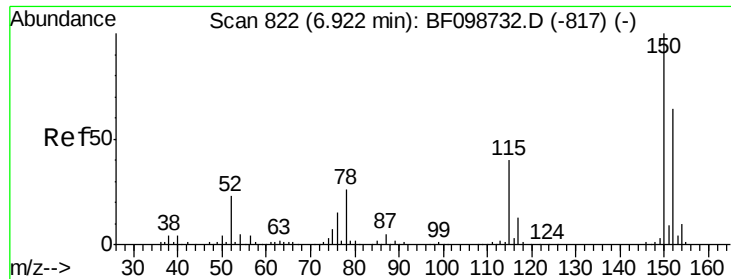
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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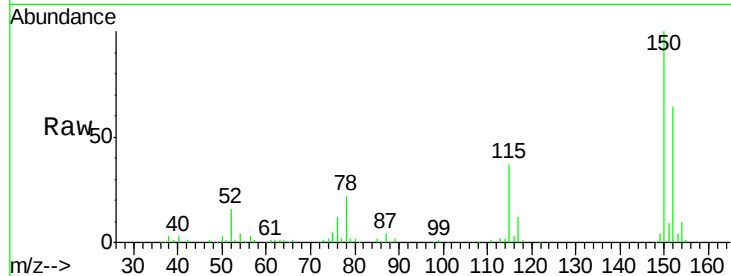


#1

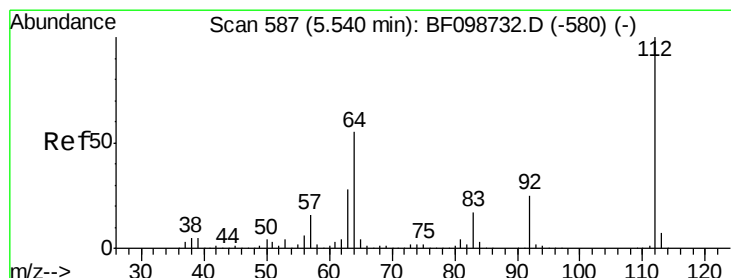
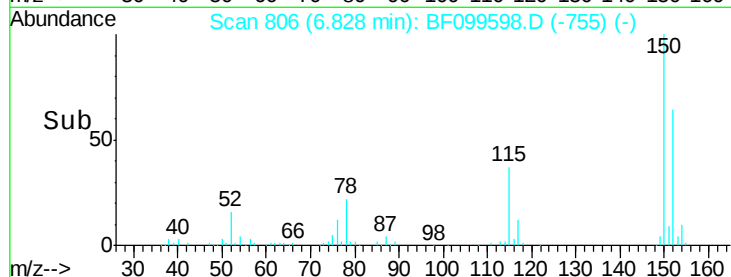
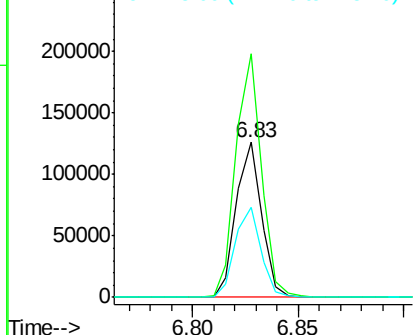
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF099598.D
Acq: 17 Oct 2017 23:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 105002
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 57.9 50.1 75.1



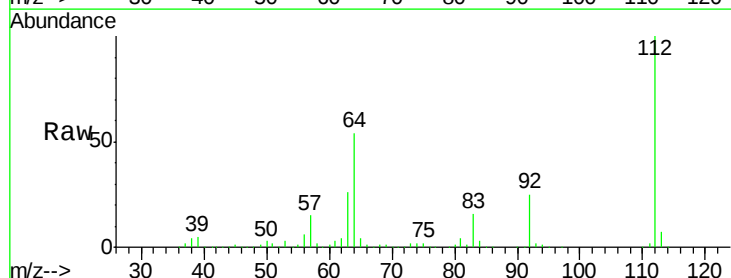
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



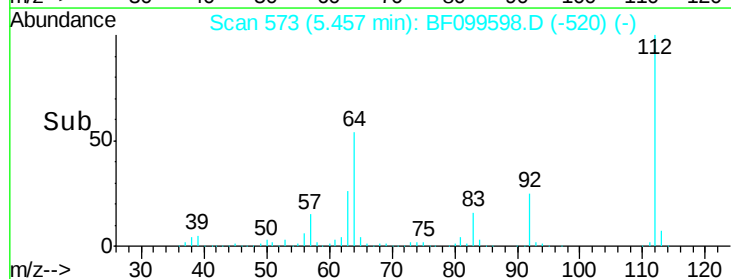
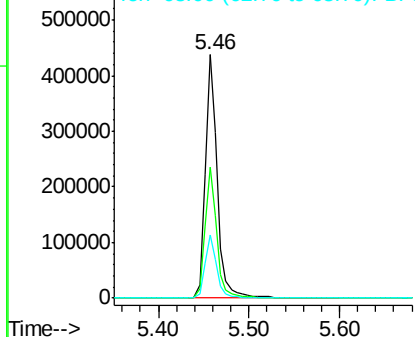
#5

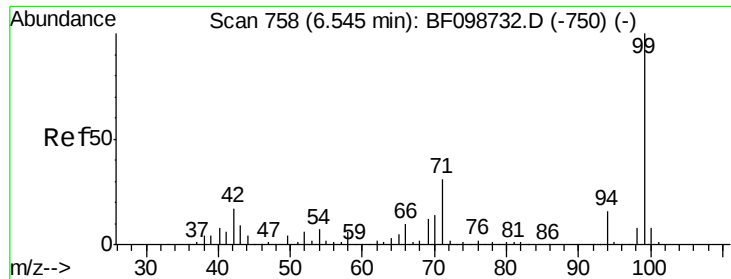
2-Fluorophenol
Concen: 61.99 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF099598.D
Acq: 17 Oct 2017 23:09

Tgt Ion:112 Resp: 408905
Ion Ratio Lower Upper
112 100
64 53.7 47.9 71.9
63 26.1 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: 37.02 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF099598.D

Acq: 17 Oct 2017 23:09

Instrument :

BNA_F

ClientSampleId :

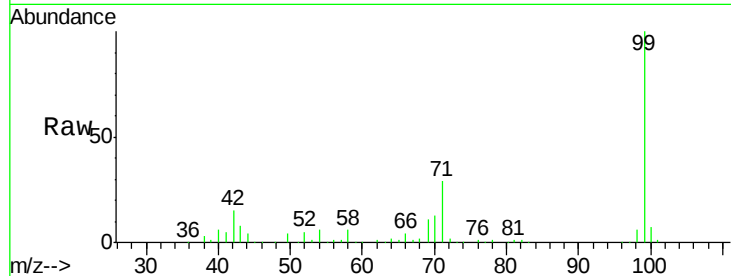
Tot Ion: 99 Resp: 301199

Ion Ratio Lower Upper

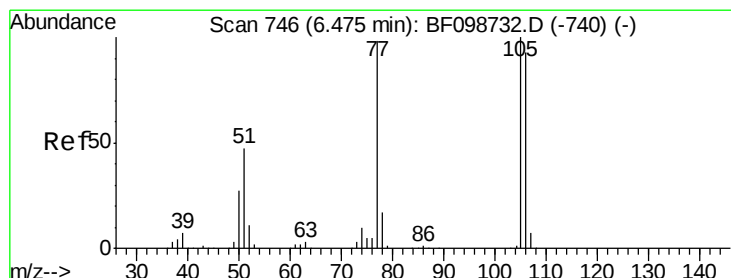
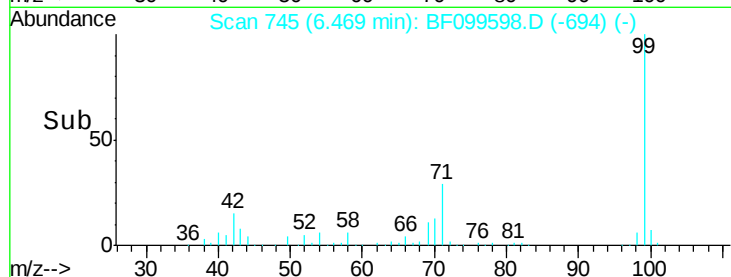
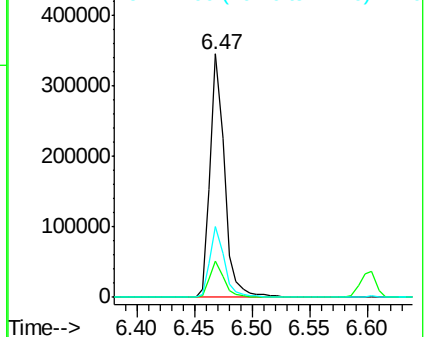
99 100

42 14.8 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: 2.88 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.22 min

Lab File: BF099598.D

Acq: 17 Oct 2017 23:09

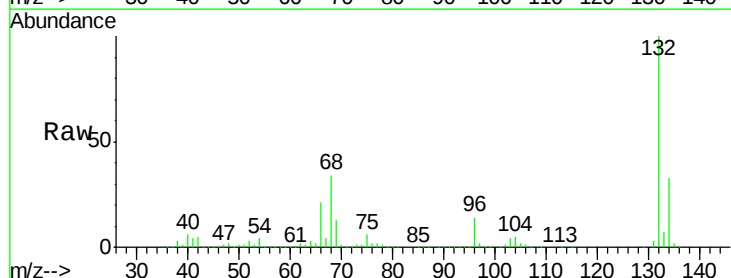
Tgt Ion: 77 Resp: 13571

Ion Ratio Lower Upper

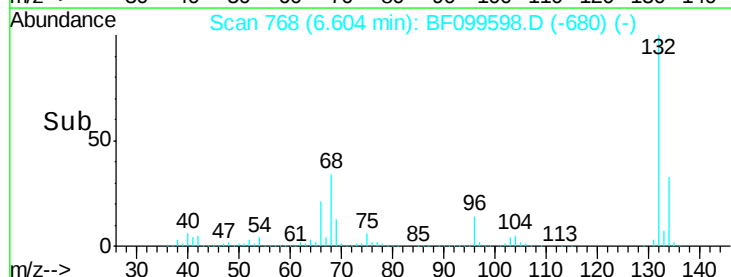
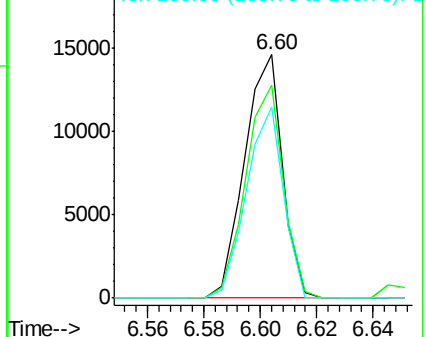
77 100

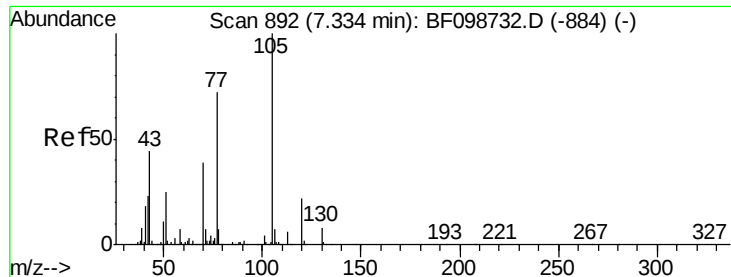
105 87.4 81.1 121.1

106 78.7 74.5 114.5



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

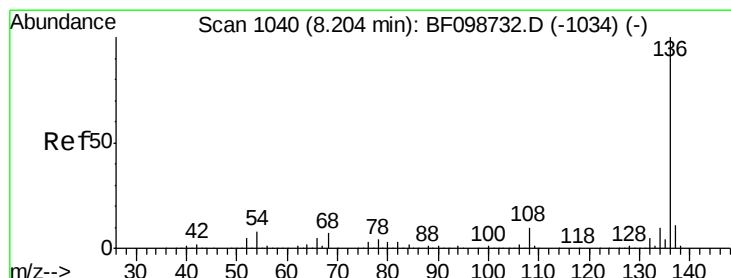
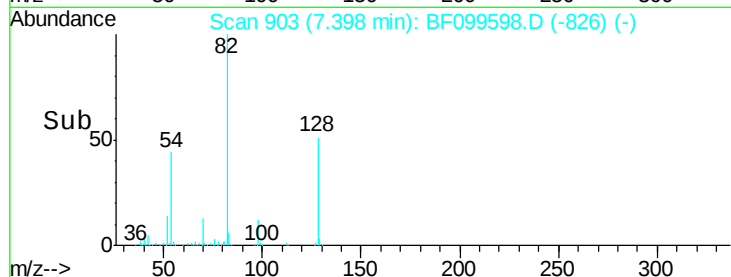
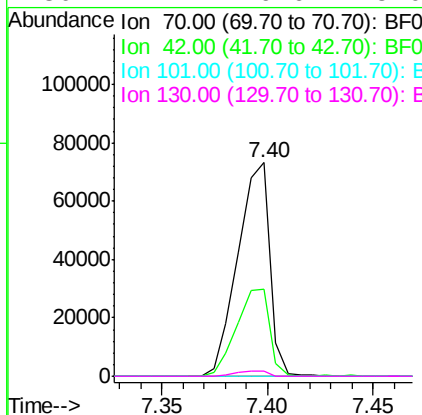
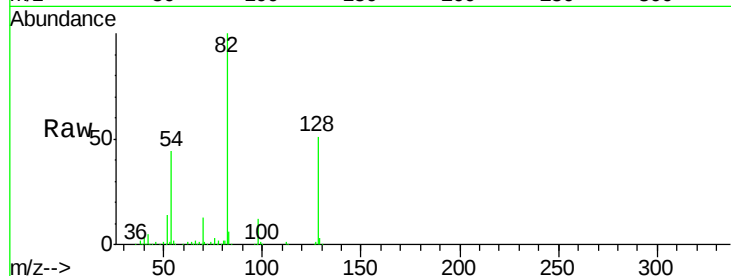




#19
n-Nitroso-di-n-propylamine
Concen: 14.79 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.15 min
Lab File: BF099598.D
Acq: 17 Oct 2017 23:09

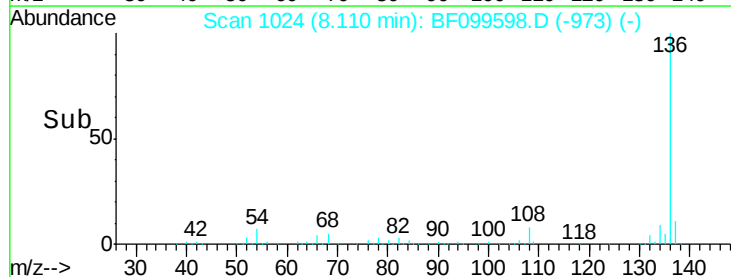
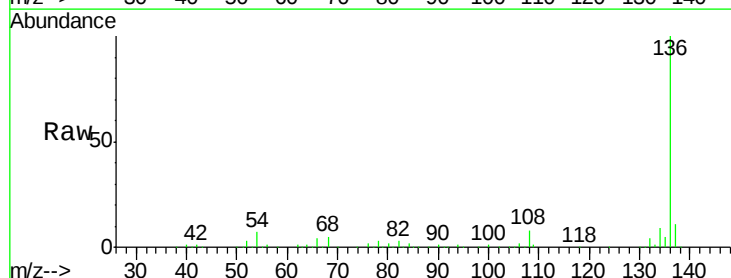
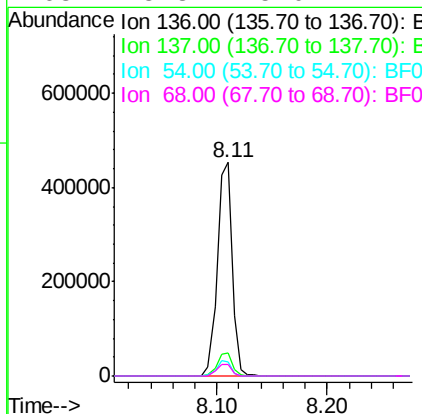
Instrument :
BNA_F
ClientSampleId :

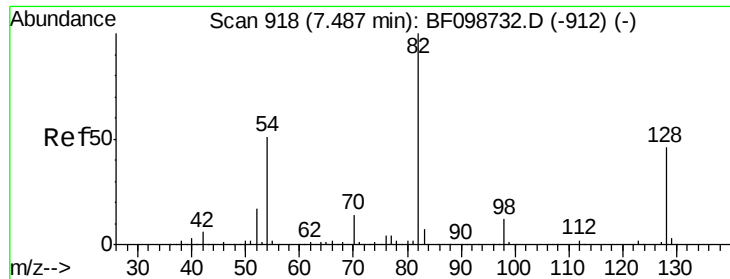
Tot Ion: 70 Resp: 76844
Ion Ratio Lower Upper
70 100
42 40.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF099598.D
Acq: 17 Oct 2017 23:09

Tgt Ion: 136 Resp: 422576
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.6 6.6 9.8
68 5.3 5.0 7.4

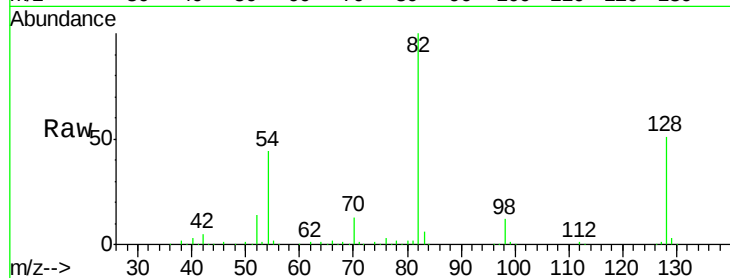




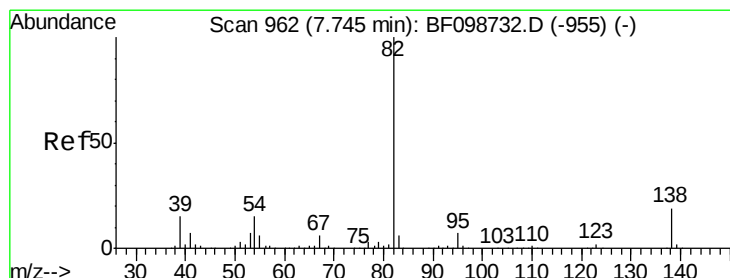
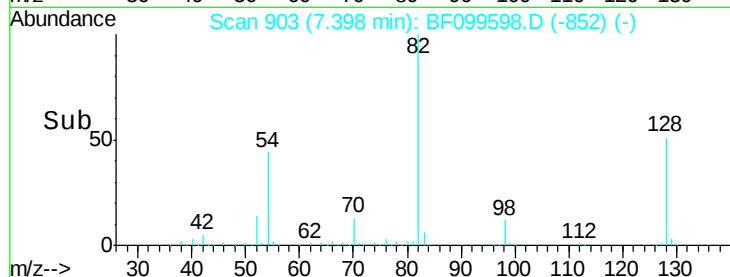
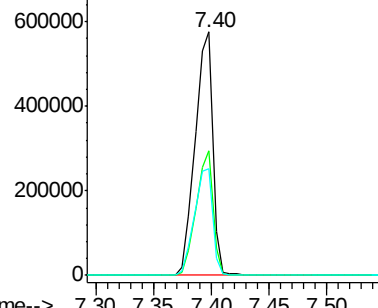
#23
Nitrobenzene-d5
Concen: 92.96 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF099598.D
Acq: 17 Oct 2017 23:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	612567
Ion Ratio	100	Lower	Upper
128	51.3	36.1	54.1
54	43.9	41.4	62.2

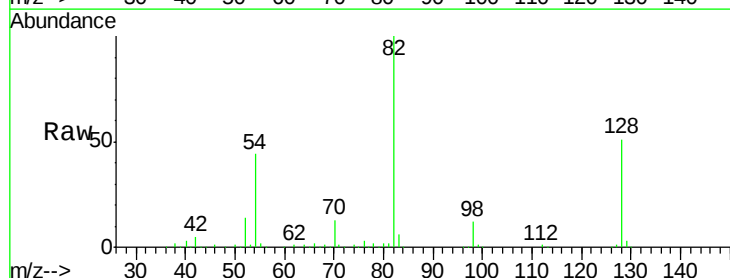


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

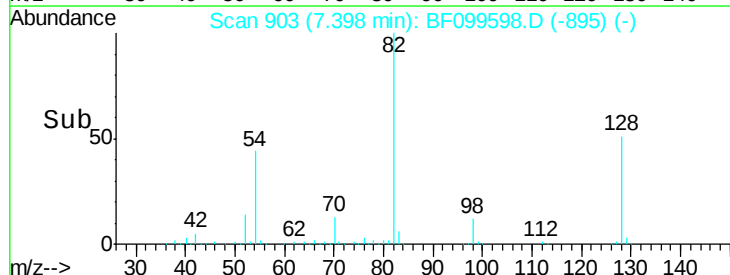
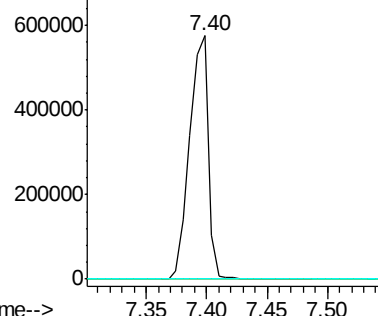


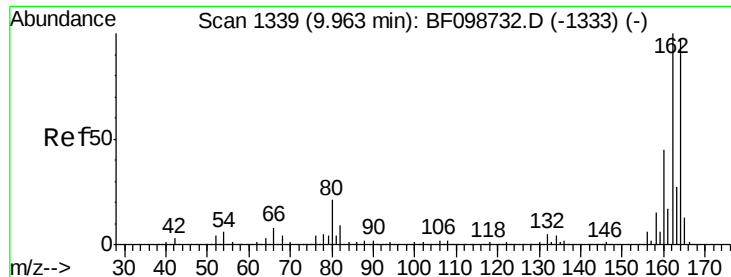
#25
Isophorone
Concen: 44.96 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.25 min
Lab File: BF099598.D
Acq: 17 Oct 2017 23:09

Tgt Ion	82	Resp	612559
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

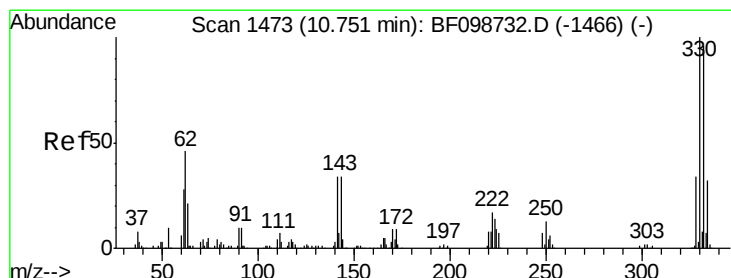
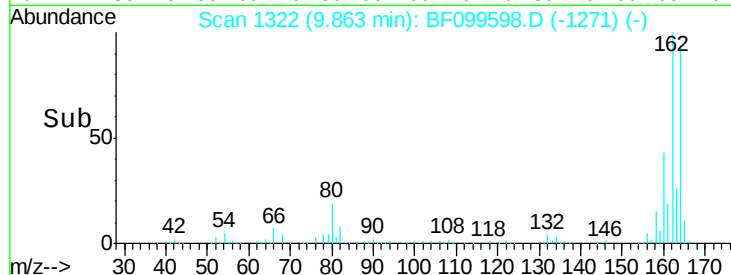
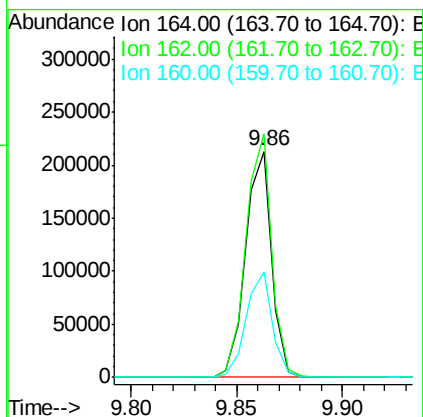
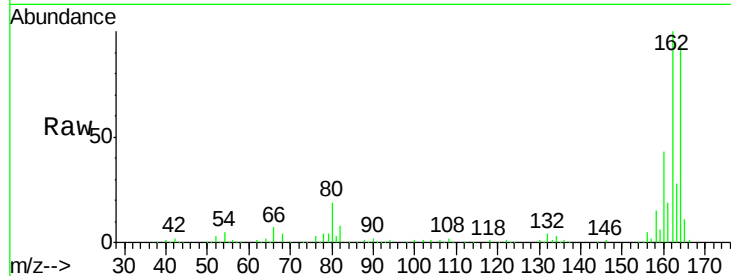




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF099598.D
Acq: 17 Oct 2017 23:09

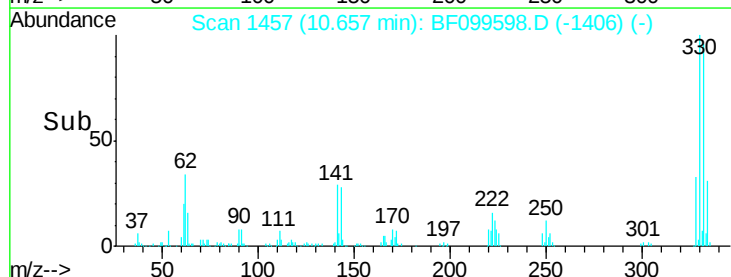
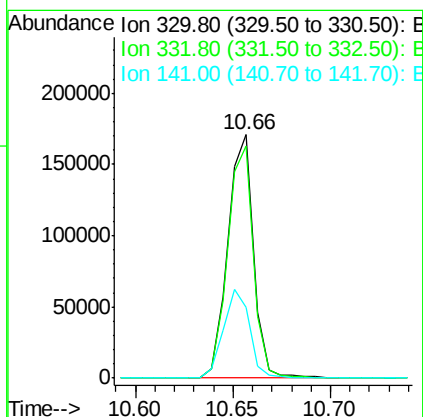
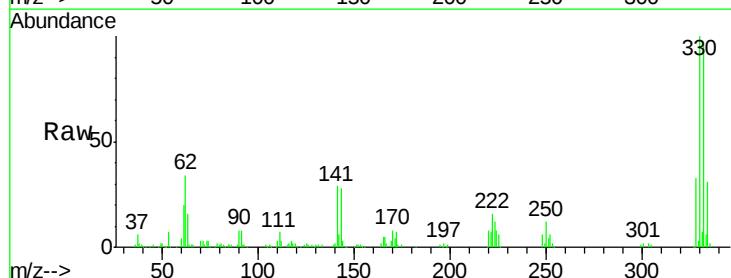
Instrument :
BNA_F
ClientSampleId :

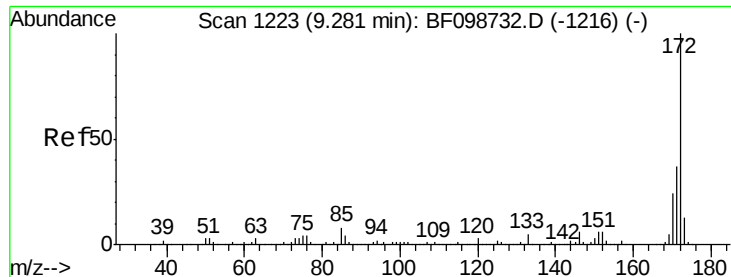
Tot Ion:164 Resp: 182582
Ion Ratio Lower Upper
164 100
162 107.8 86.1 129.1
160 46.7 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 104.64 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.00 min
Lab File: BF099598.D
Acq: 17 Oct 2017 23:09

Tgt Ion:330 Resp: 156329
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 37.2 29.9 44.9

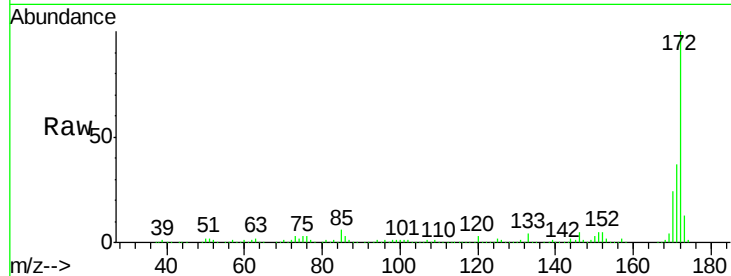




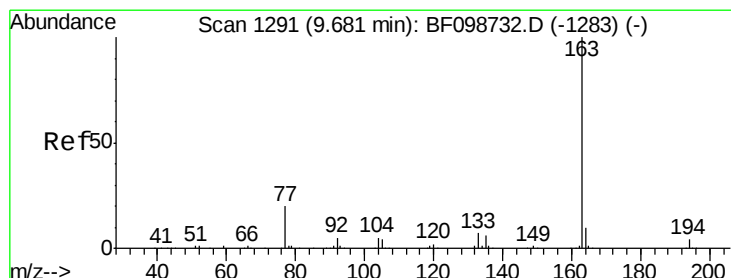
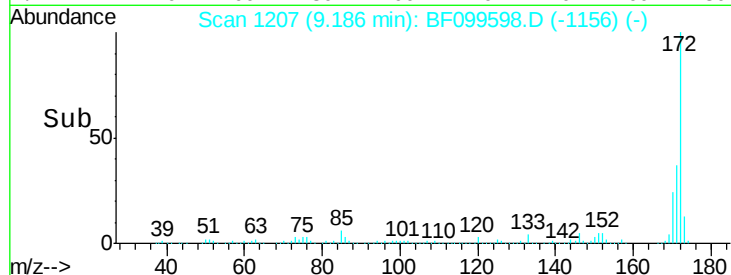
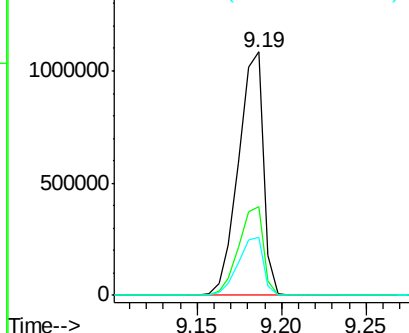
#44
2-Fluorobiphenyl
Concen: 102.26 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF099598.D
Acq: 17 Oct 2017 23:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1118365
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.0 19.6 29.4

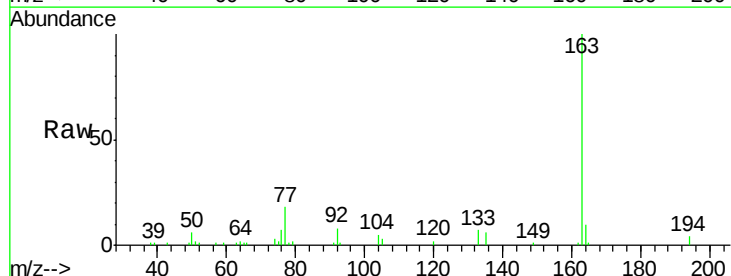


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

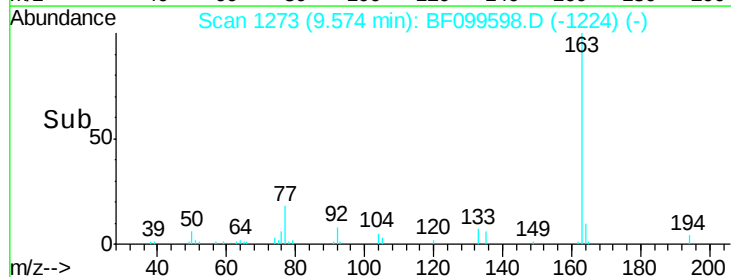
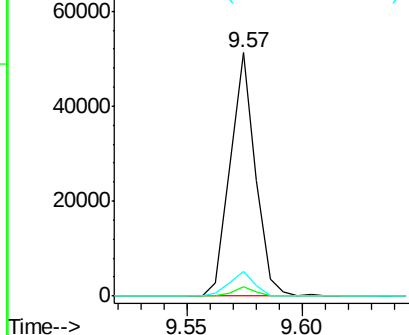


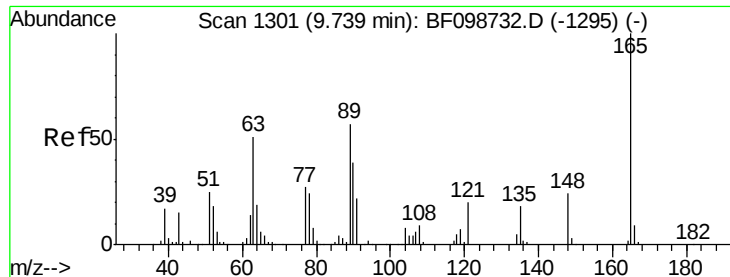
#49
Dimethylphthalate
Concen: 2.82 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF099598.D
Acq: 17 Oct 2017 23:09

Tgt Ion:163 Resp: 38836
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.3 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

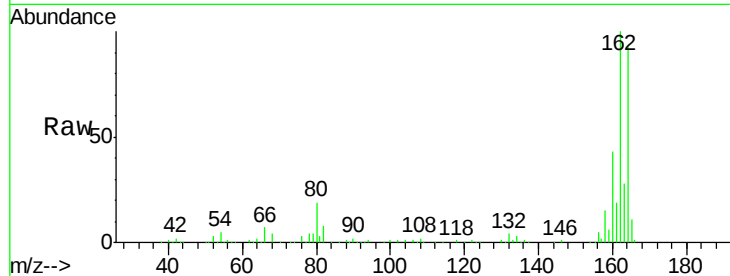




#50
2,6-Dinitrotoluene
Concen: 7.60 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.21 min
Lab File: BF099598.D
Acq: 17 Oct 2017 23:09

Instrument :
BNA_F
ClientSampleId :

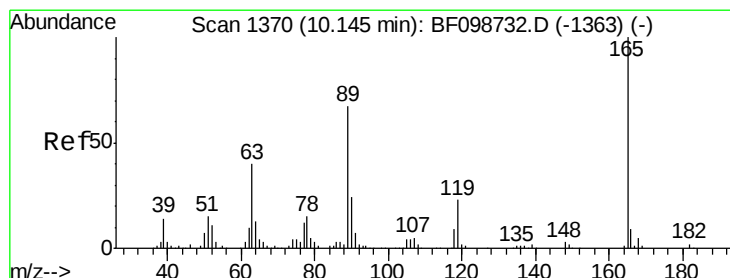
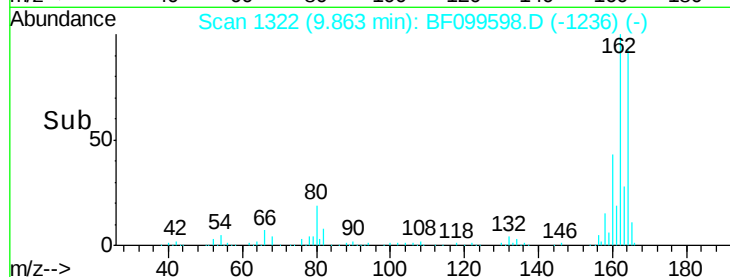
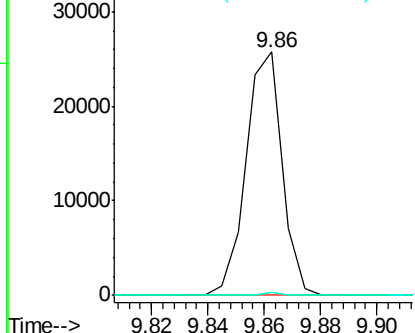
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.4	44.0	66.0#



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: 5.86 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.20 min
Lab File: BF099598.D
Acq: 17 Oct 2017 23:09

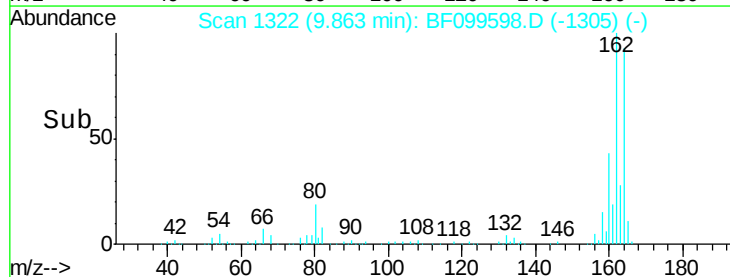
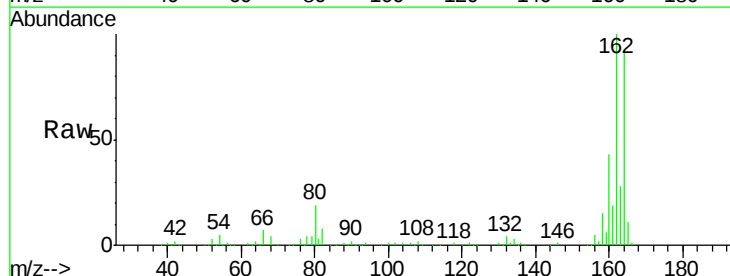
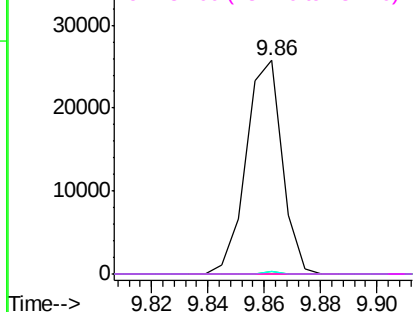
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

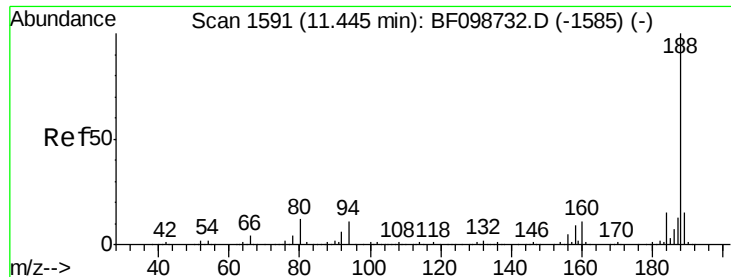
Abundance Ion 165.00 (164.70 to 165.70): E

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

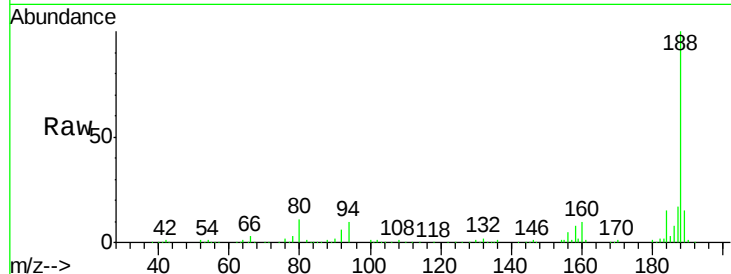




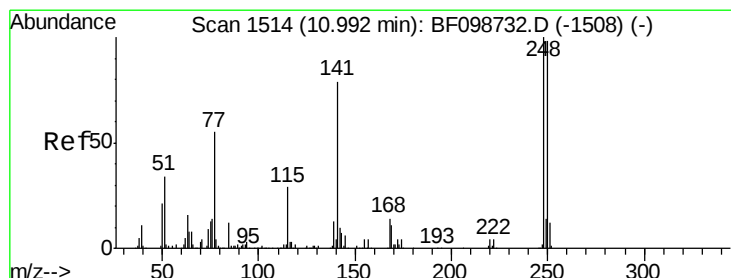
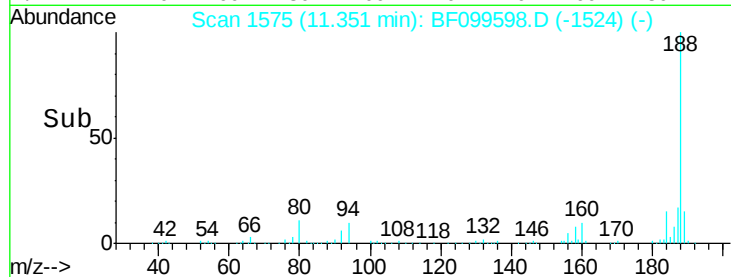
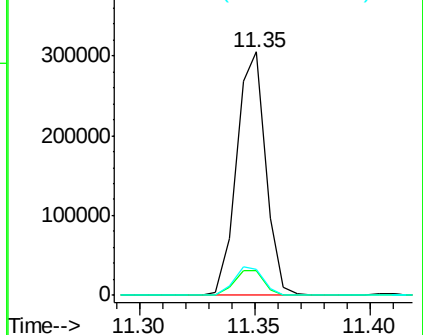
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF099598.D
Acq: 17 Oct 2017 23:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 267300
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.6 9.2 13.8

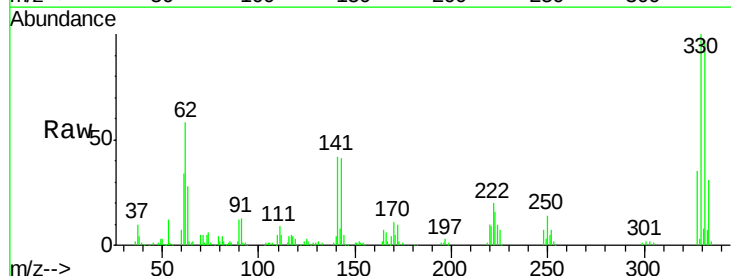


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

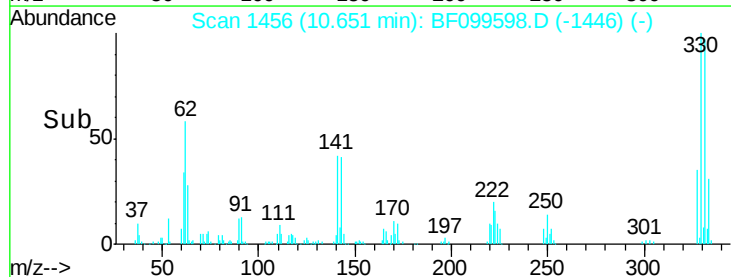
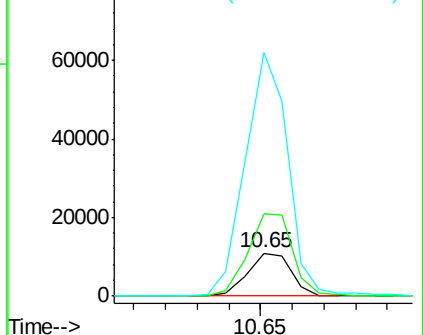


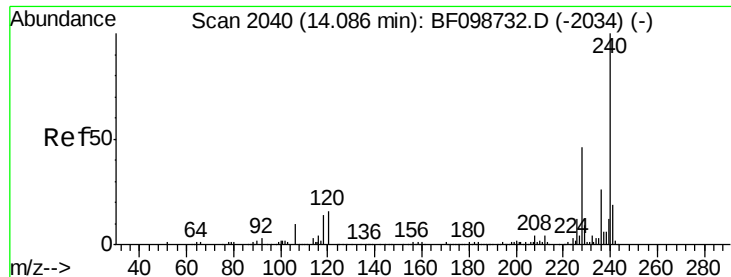
#66
4-Bromophenyl-phenylether
Concen: 3.95 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.24 min
Lab File: BF099598.D
Acq: 17 Oct 2017 23:09

Tgt Ion:248 Resp: 10330
Ion Ratio Lower Upper
248 100
250 191.5 76.9 115.3#
141 565.3 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: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF099598.D

Acq: 17 Oct 2017 23:09

Instrument :

BNA_F

ClientSampleId :

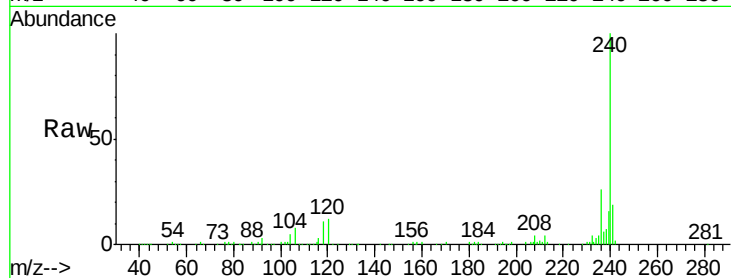
Tot Ion:240 Resp: 171063

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

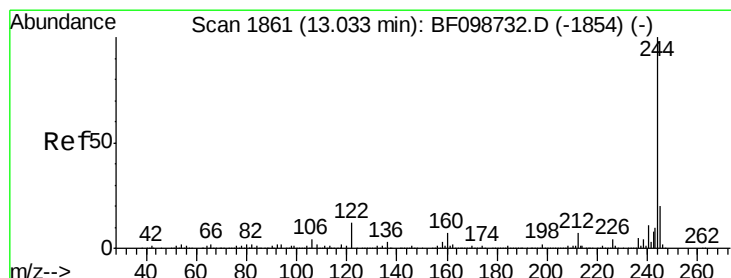
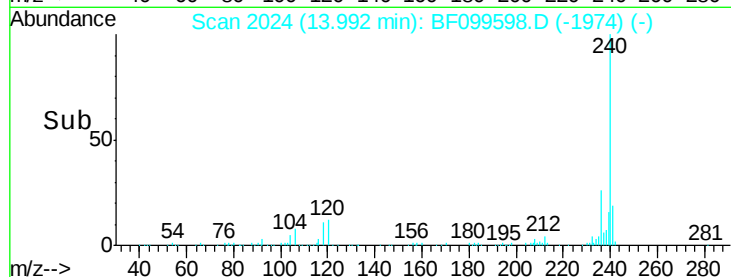
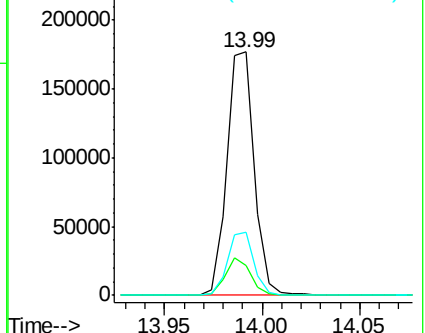
236 25.8 20.7 31.1



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: 88.45 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BF099598.D

Acq: 17 Oct 2017 23:09

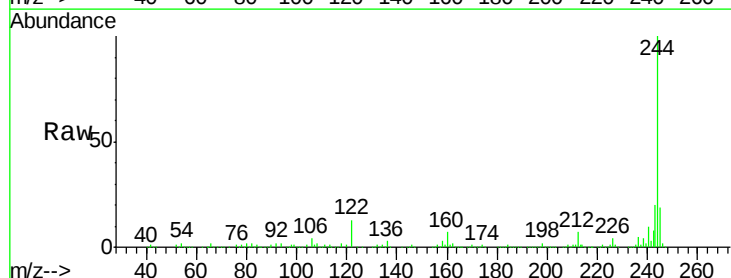
Tgt Ion:244 Resp: 665324

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

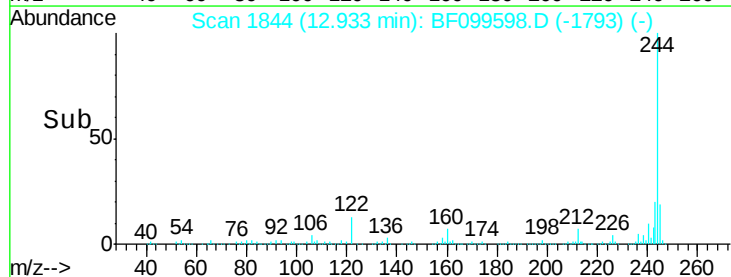
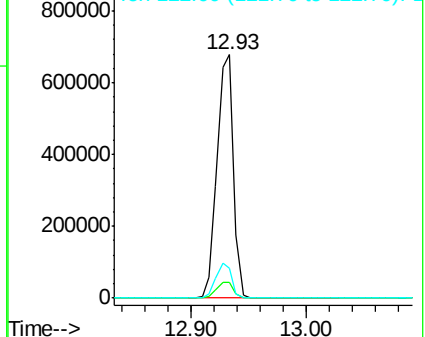
122 12.5 11.0 16.4

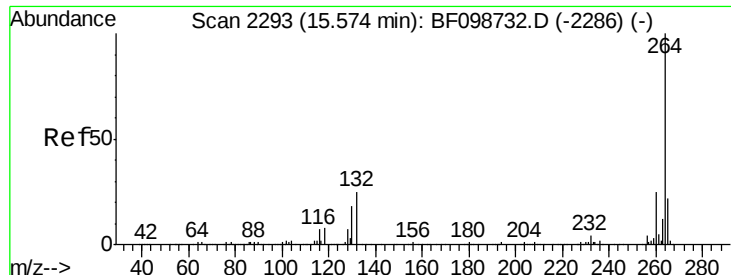


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

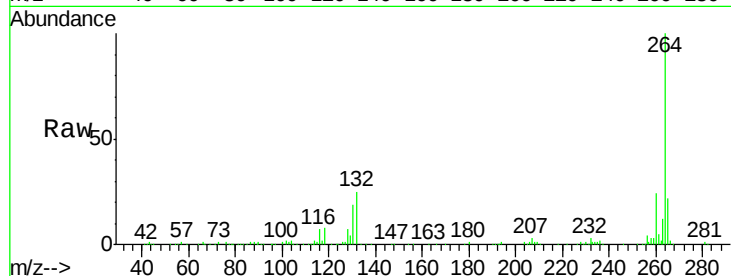




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BF099598.D
Acq: 17 Oct 2017 23:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.8	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

