

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099571.D
 Acq On : 17 Oct 2017 3:46
 Operator : SJ/JU
 Sample : I5821-02RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 17 04:25:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

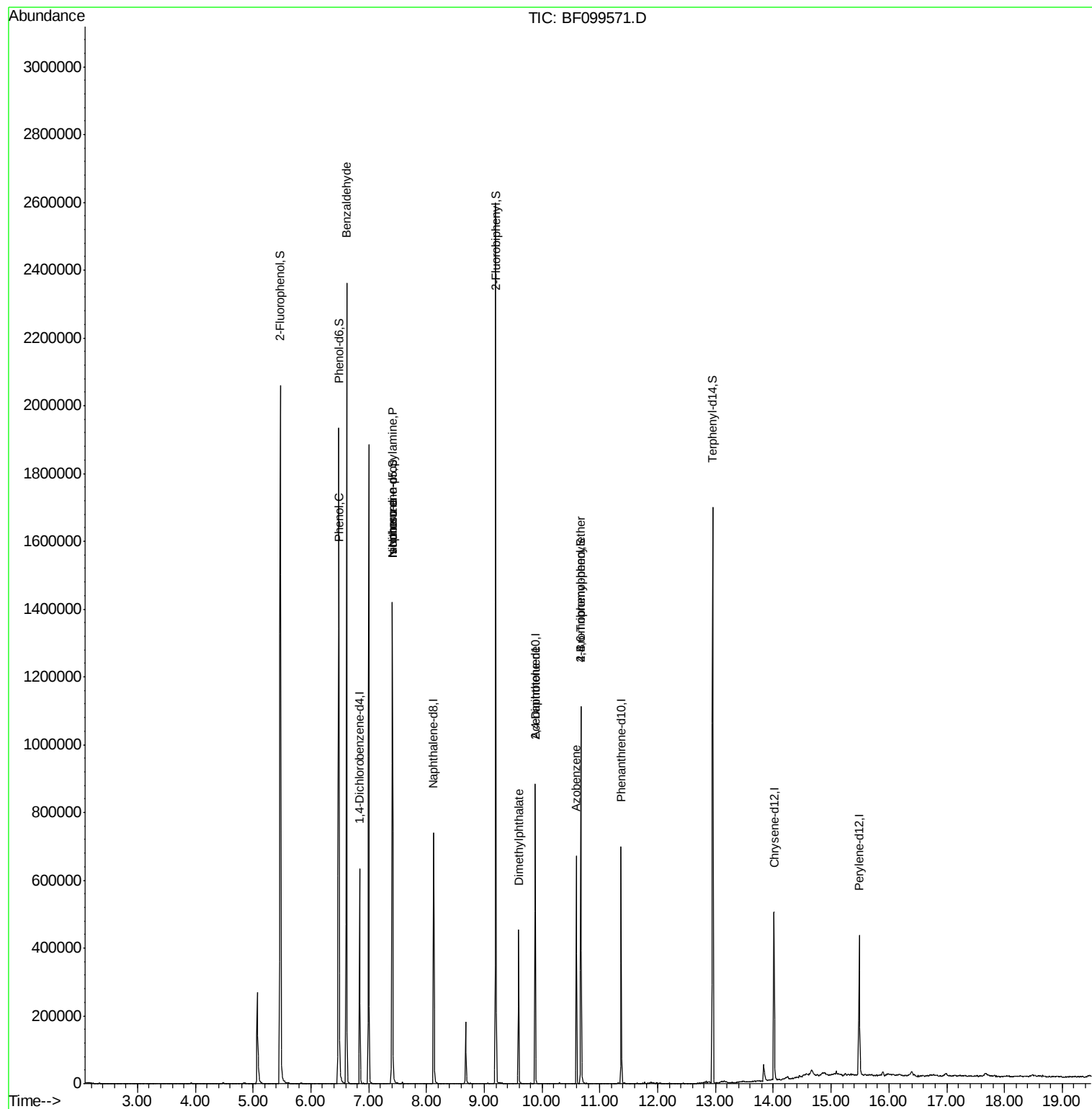
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	95305	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	379982	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	158729	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	231356	20.00	ng	0.00
75) Chrysene-d12	14.02	240	174689	20.00	ng	0.00
86) Perylene-d12	15.49	264	183195	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	667008	111.41	ng	0.00
7) Phenol-d6	6.48	99	790056	106.97	ng	0.00
23) Nitrobenzene-d5	7.41	82	462187	78.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	130572	100.53	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	846885	89.07	ng	-0.01
78) Terphenyl-d14	12.95	244	519684	67.66	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.62	77	12826	2.99	ng	87
10) Phenol	6.49	94	45702	5.53	ng	97
19) n-Nitroso-di-n-propylamine	7.41	70	58266	12.36	ng	# 73
25) Isophorone	7.41	82	462180	37.73	ng	# 64
49) Dimethylphthalate	9.59	163	176447	14.73	ng	100
56) 2,4-Dinitrotoluene	9.88	165	20340	6.01	ng	# 21
62) Azobenzene	10.59	77	104731	9.73	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	8956	3.95	ng	# 1

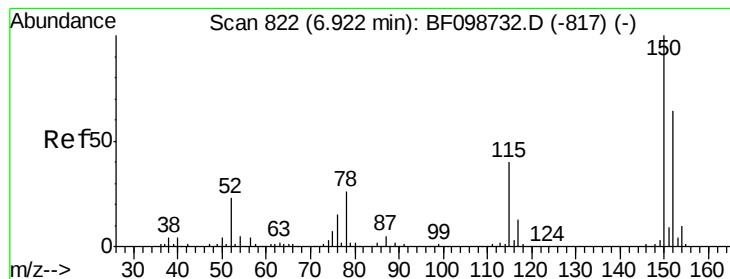
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF099571.D

Acq: 17 Oct 2017 3:46

Instrument :

BNA_F

ClientSampled :

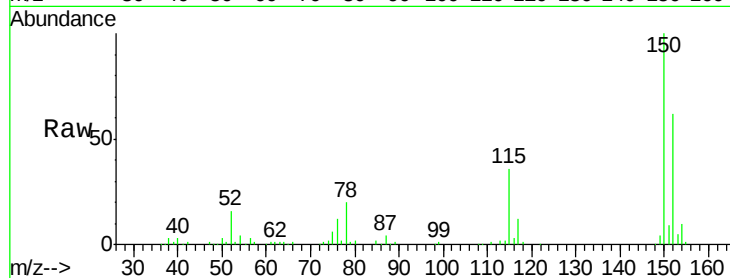
Tot Ion:152 Resp: 95305

Ion Ratio Lower Upper

152 100

150 160.2 124.6 186.8

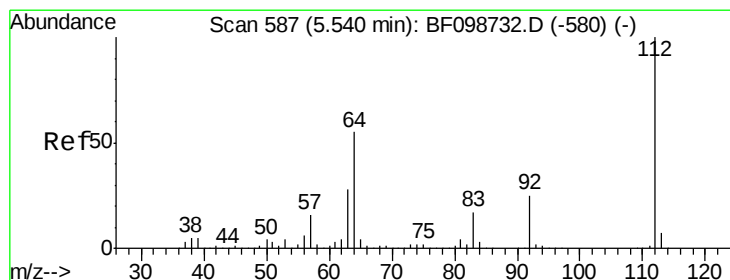
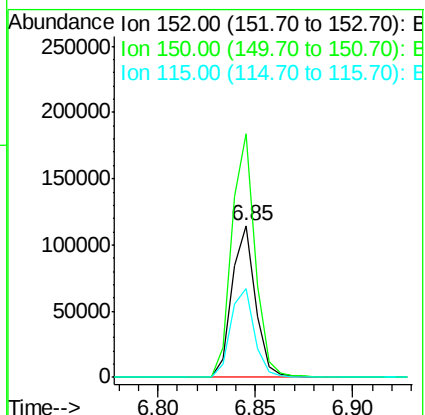
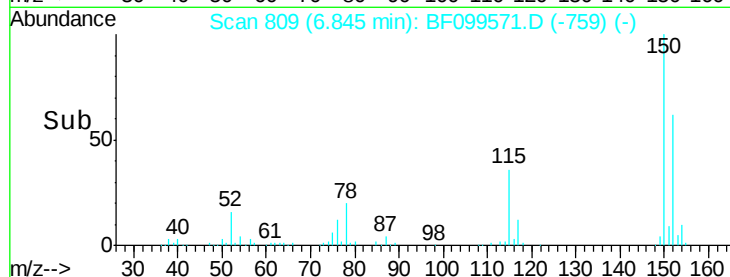
115 58.1 50.1 75.1



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: 111.41 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.00 min

Lab File: BF099571.D

Acq: 17 Oct 2017 3:46

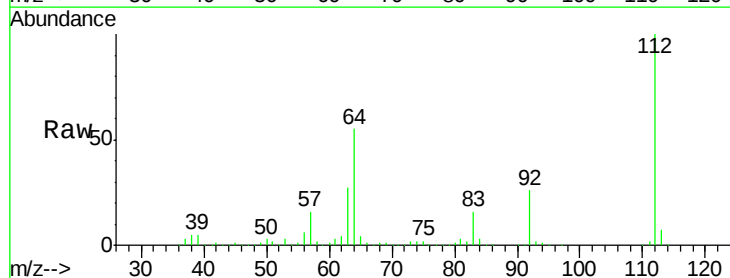
Tgt Ion:112 Resp: 667008

Ion Ratio Lower Upper

112 100

64 55.3 47.9 71.9

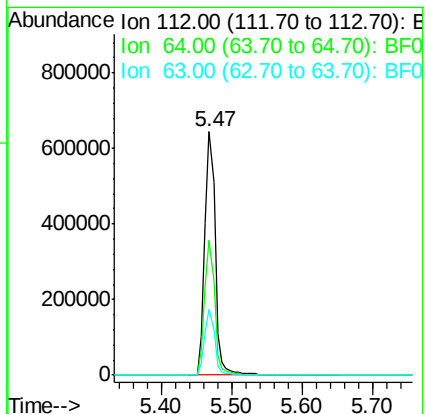
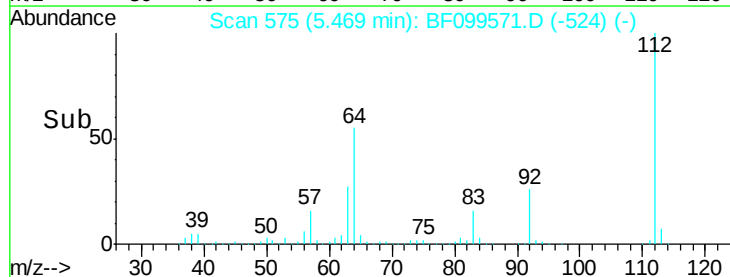
63 26.8 23.7 35.5

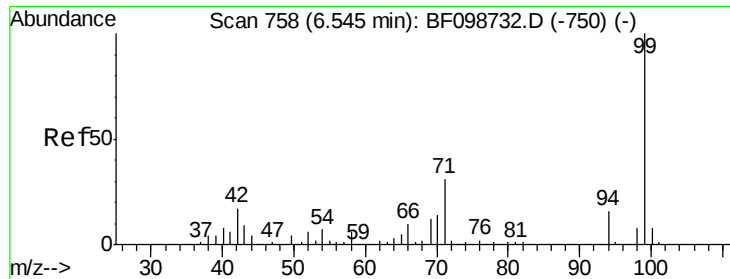


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.97 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099571.D

Acq: 17 Oct 2017 3:46

Instrument :

BNA_F

ClientSampleId :

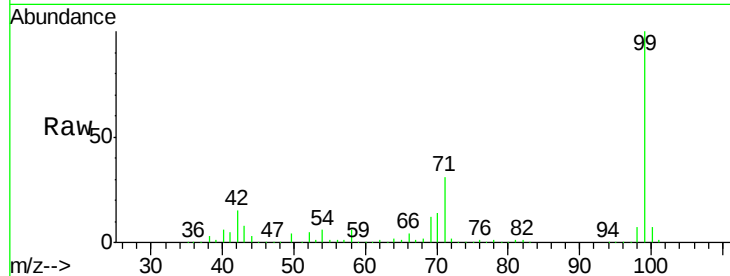
Tot Ion: 99 Resp: 790056

Ion Ratio Lower Upper

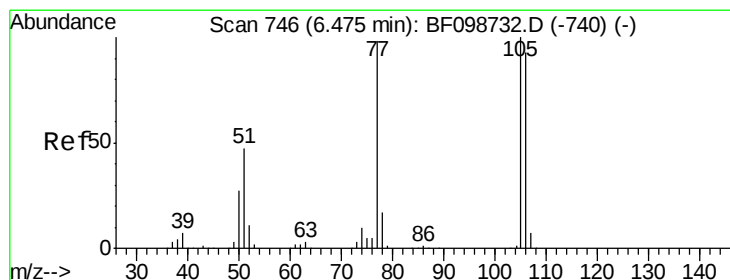
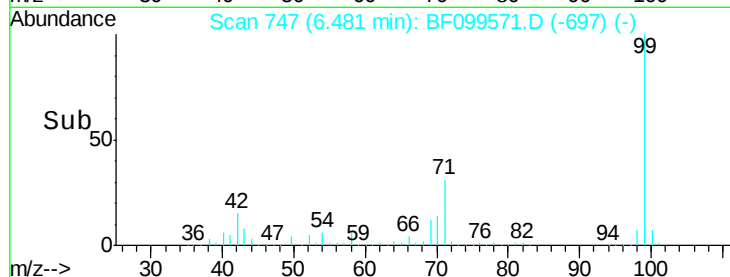
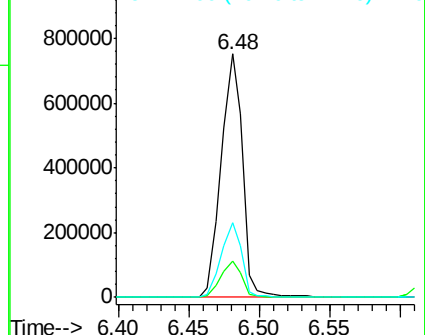
99 100

42 14.9 14.5 21.7

71 30.7 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: 2.99 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.21 min

Lab File: BF099571.D

Acq: 17 Oct 2017 3:46

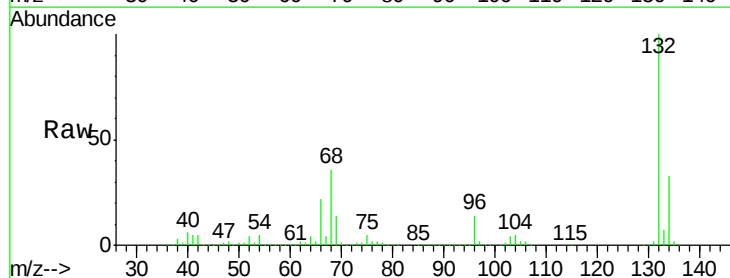
Tgt Ion: 77 Resp: 12826

Ion Ratio Lower Upper

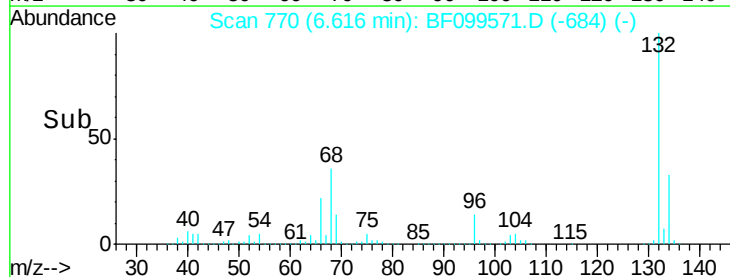
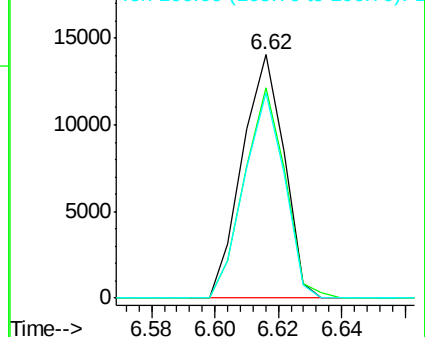
77 100

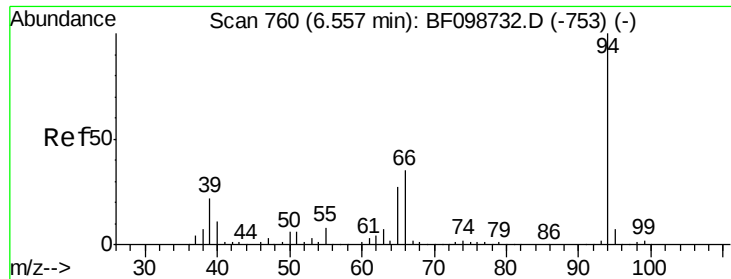
105 86.2 81.1 121.1

106 84.5 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

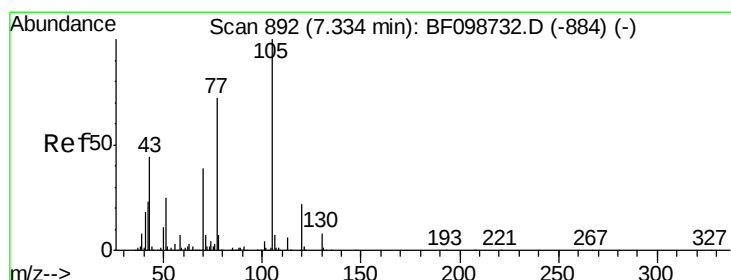
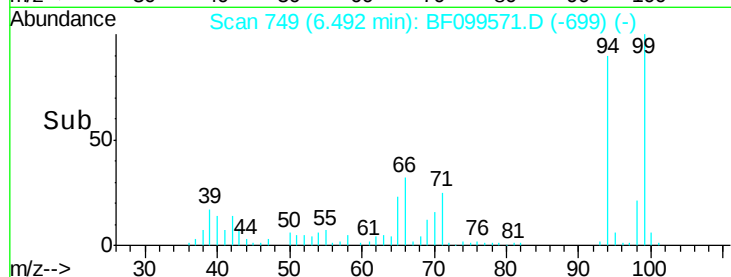
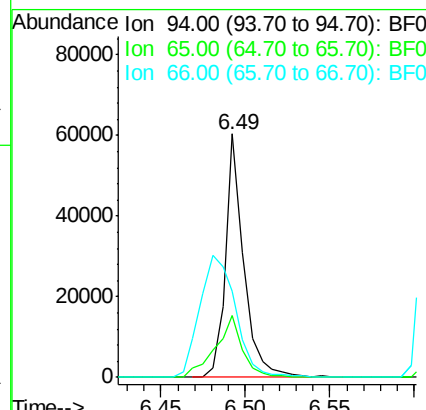
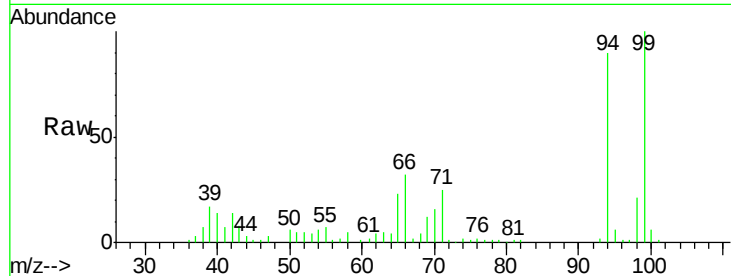




#10
Phenol
Concen: 5.53 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF099571.D
Acq: 17 Oct 2017 3:46

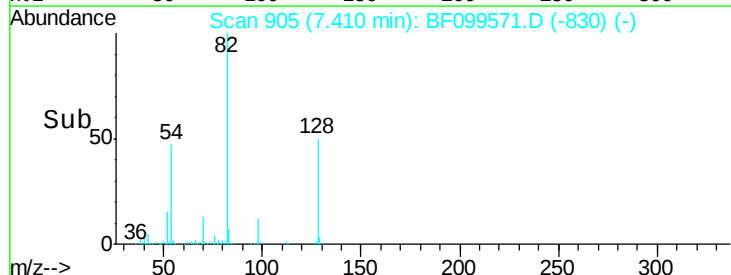
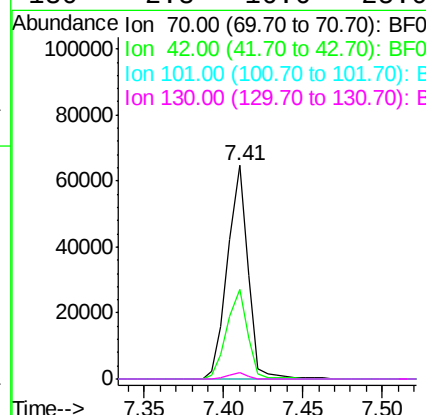
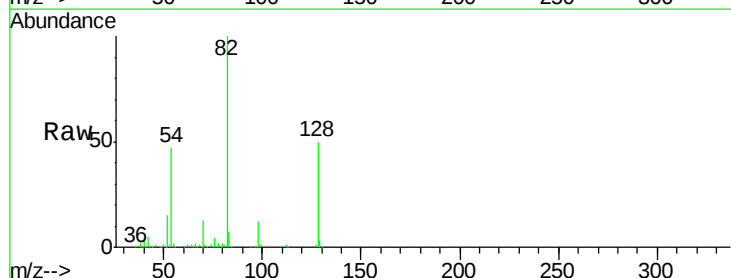
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 94 Resp: 45702
Ion Ratio Lower Upper
94 100
65 25.6 7.9 47.9
66 35.4 16.2 56.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.36 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF099571.D
Acq: 17 Oct 2017 3:46

Tgt Ion: 70 Resp: 58266
Ion Ratio Lower Upper
70 100
42 42.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.8 16.6 25.0#

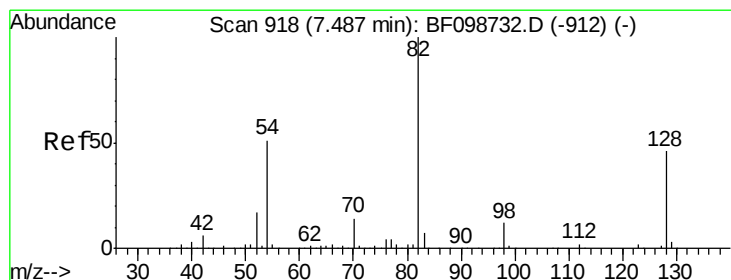
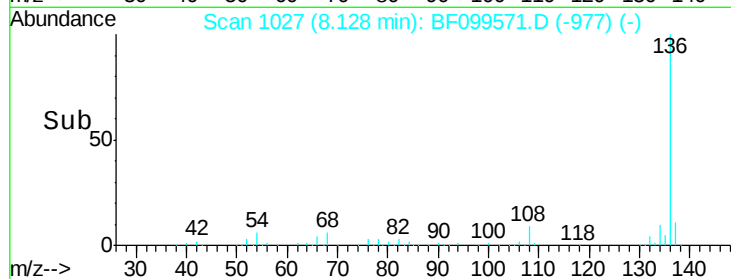
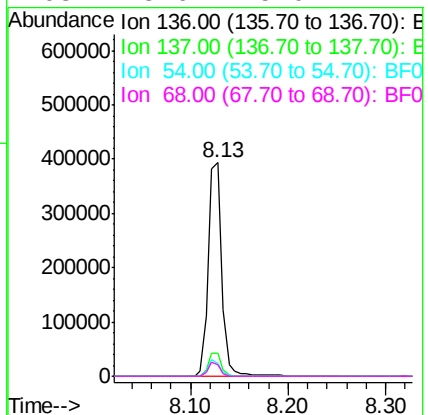
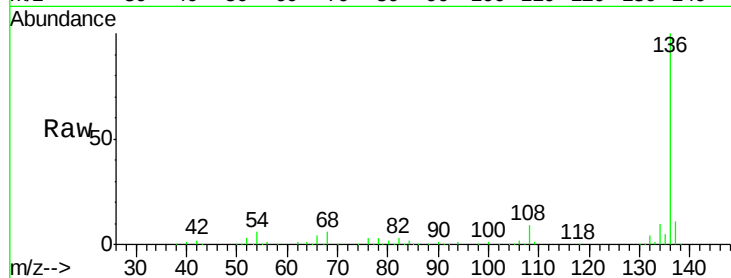




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099571.D
Acq: 17 Oct 2017 3:46

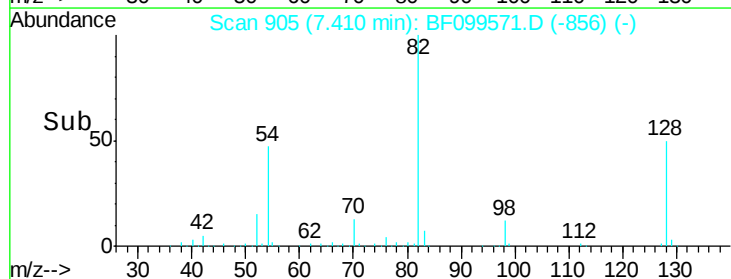
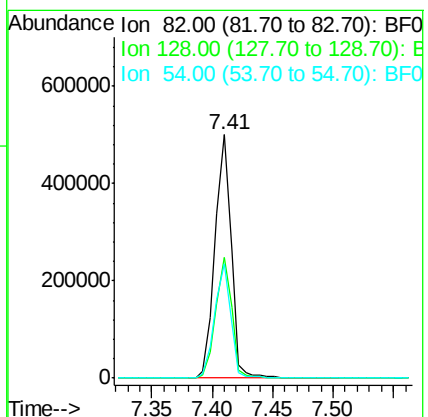
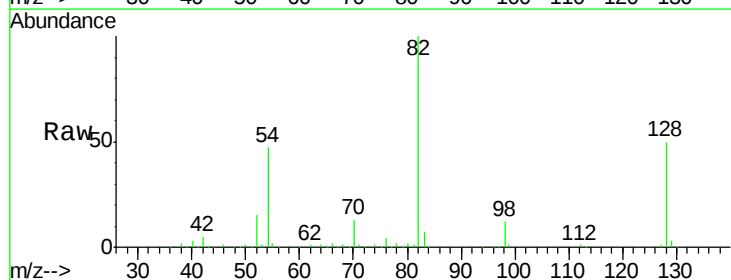
Instrument :
BNA_F
ClientSampleId :

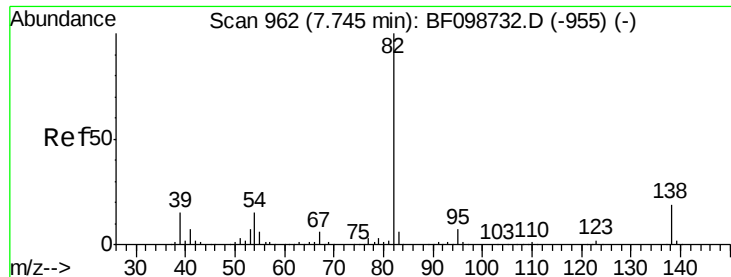
Tot Ion:136	Resp:	379982
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	6.2	6.6 9.8#
68	5.6	5.0 7.4



#23
Nitrobenzene-d5
Concen: 78.00 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099571.D
Acq: 17 Oct 2017 3:46

Tgt Ion: 82	Resp:	462187
Ion Ratio	Lower	Upper
82	100	
128	49.6	36.1 54.1
54	47.1	41.4 62.2





#25

Isophorone

Concen: 37.73 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF099571.D

Acq: 17 Oct 2017 3:46

Instrument :

BNA_F

ClientSampleId :

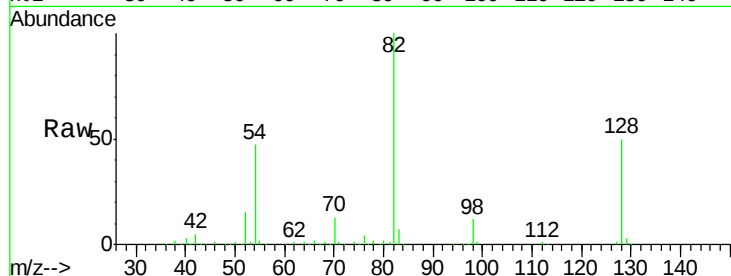
Tot Ion: 82 Resp: 462180

Ion Ratio Lower Upper

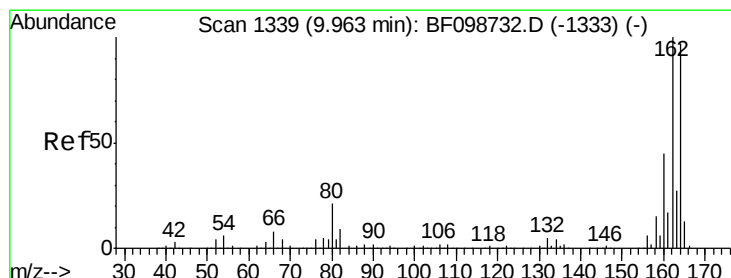
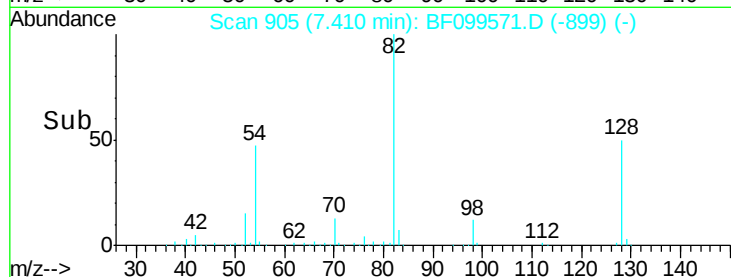
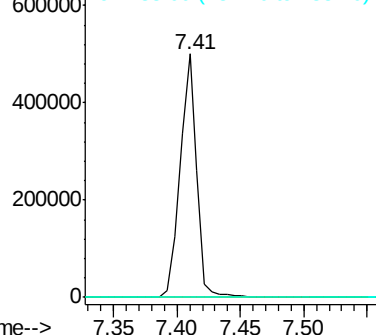
82 100

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: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF099571.D

Acq: 17 Oct 2017 3:46

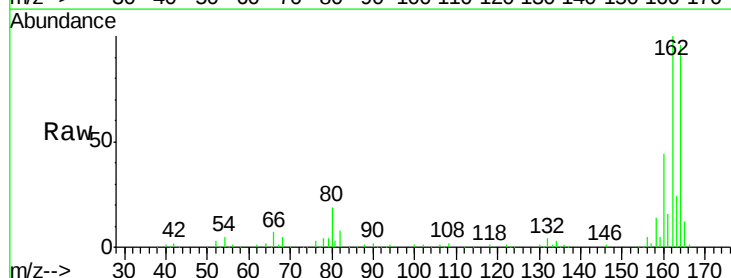
Tgt Ion: 164 Resp: 158729

Ion Ratio Lower Upper

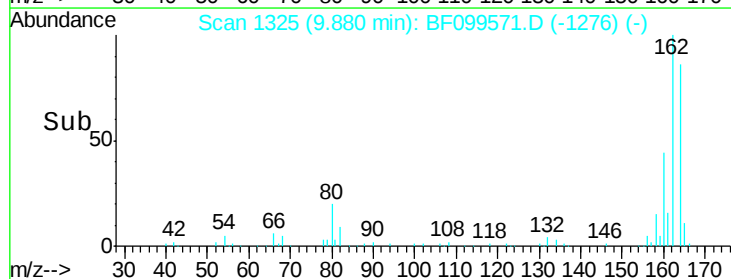
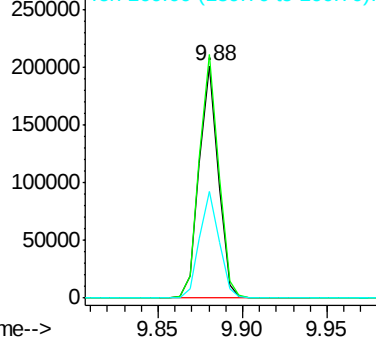
164 100

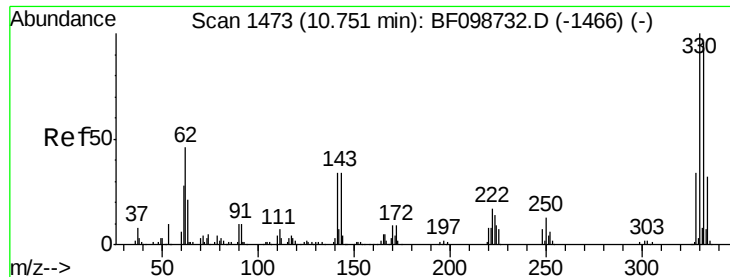
162 104.7 86.1 129.1

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

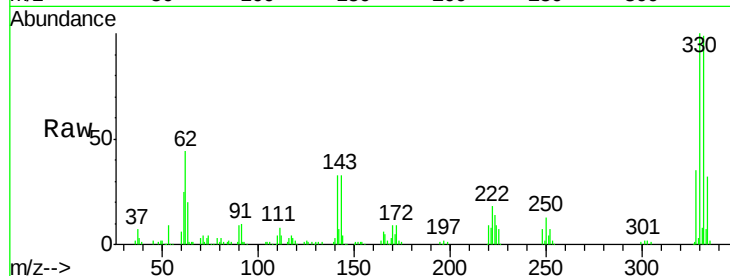




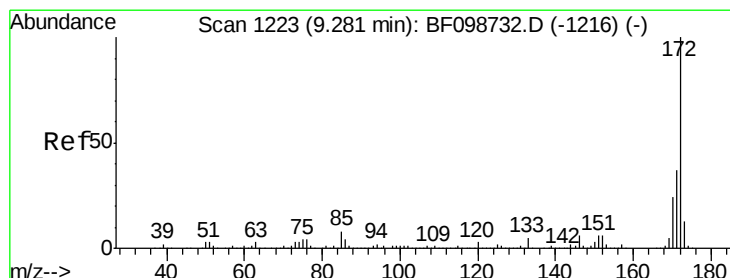
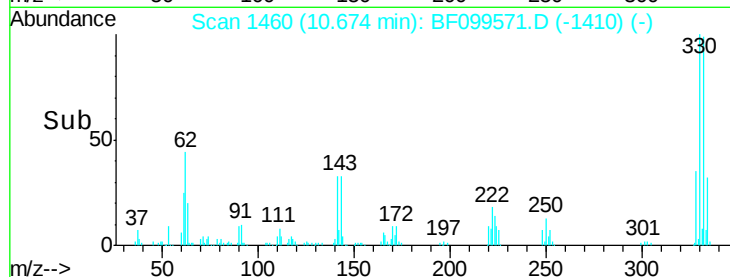
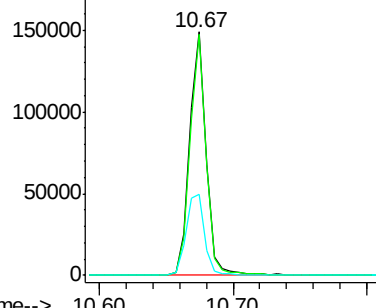
#41
 2,4,6-Tribromophenol
 Concen: 100.53 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF099571.D
 Acq: 17 Oct 2017 3:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 130572
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 37.2 29.9 44.9

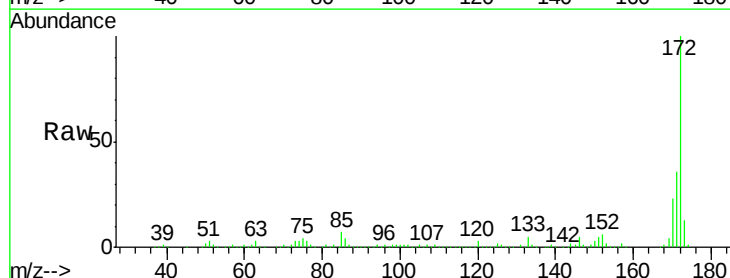


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

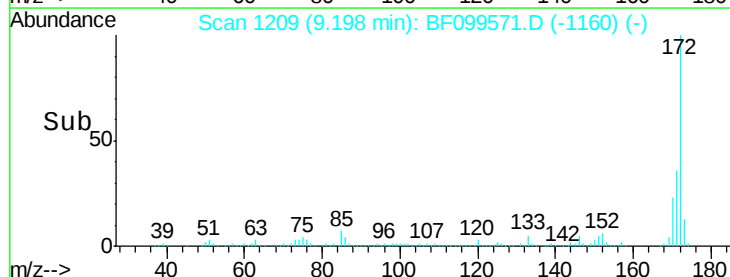
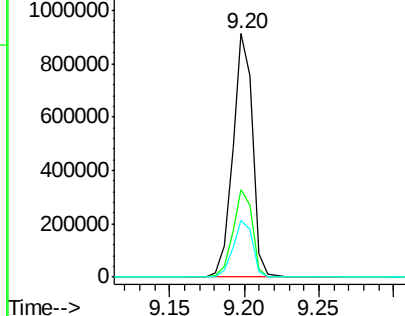


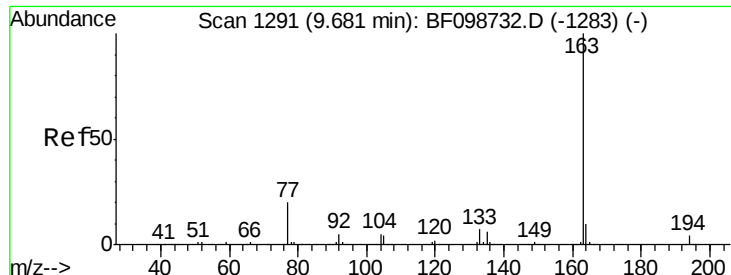
#44
 2-Fluorobiphenyl
 Concen: 89.07 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF099571.D
 Acq: 17 Oct 2017 3:46

Tgt Ion:172 Resp: 846885
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.5 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

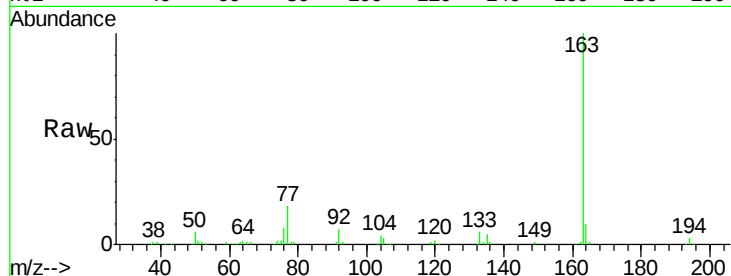




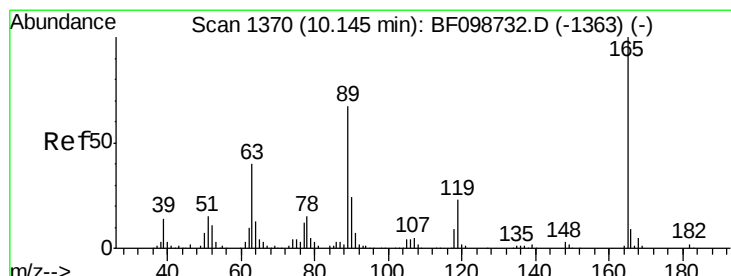
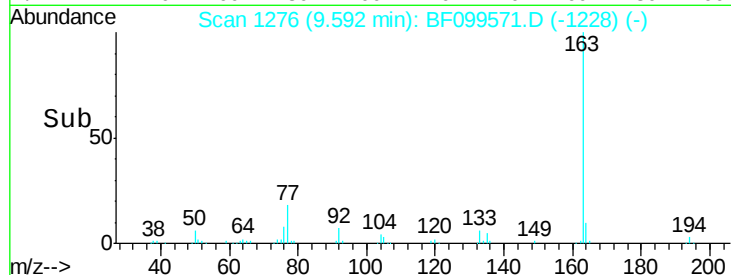
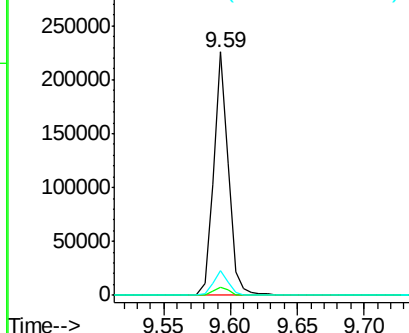
#49
Dimethylphthalate
Concen: 14.73 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF099571.D
Acq: 17 Oct 2017 3:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 176447
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.2 8.2 12.2

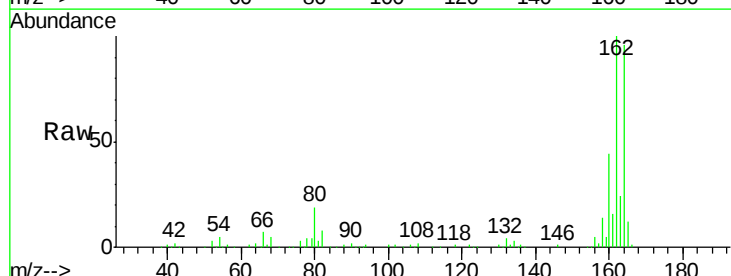


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

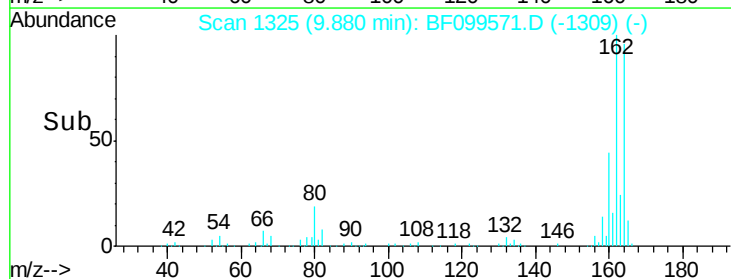
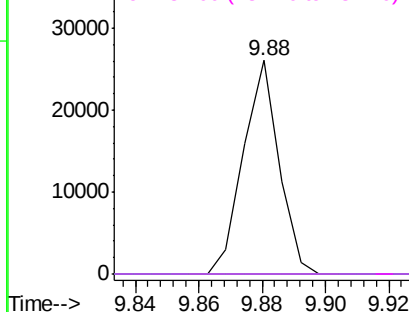


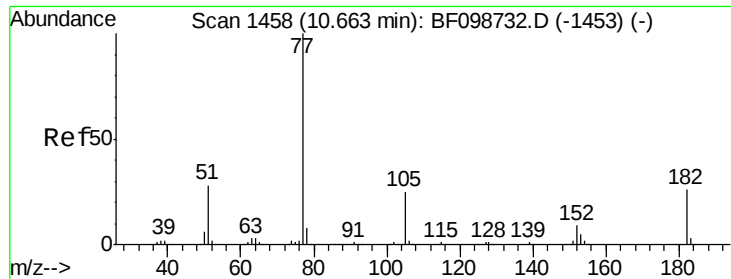
#56
2,4-Dinitrotoluene
Concen: 6.01 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.21 min
Lab File: BF099571.D
Acq: 17 Oct 2017 3:46

Tgt Ion:165 Resp: 20340
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 0.0 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

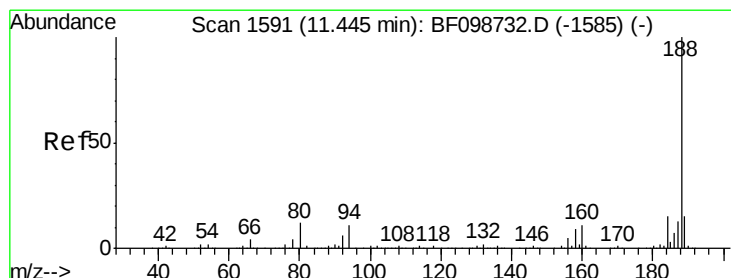
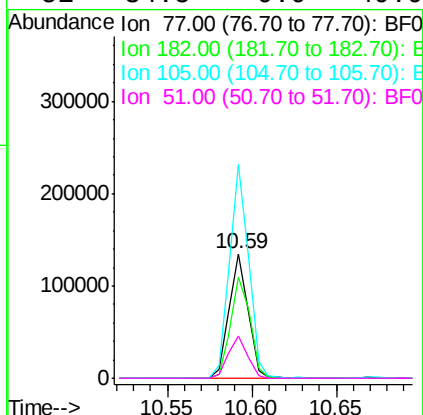
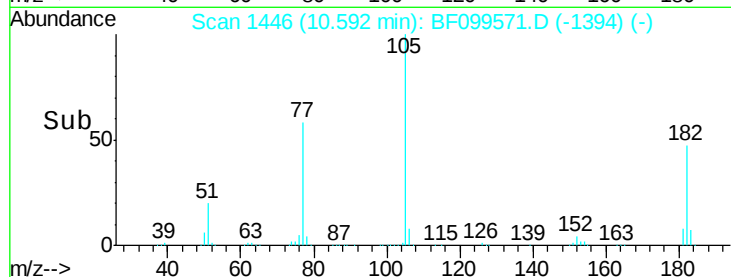
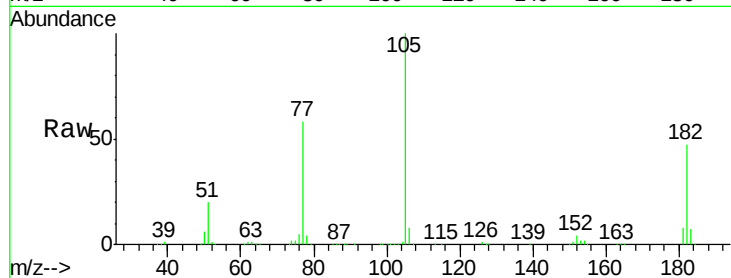




#62
Azobenzene
Concen: 9.73 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF099571.D
Acq: 17 Oct 2017 3:46

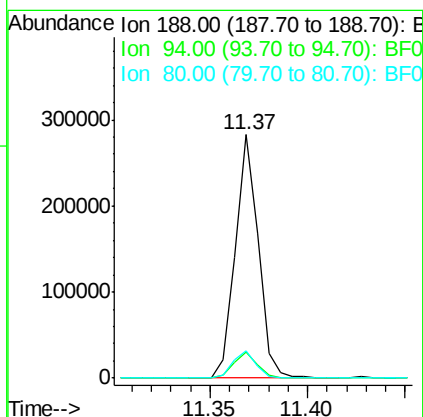
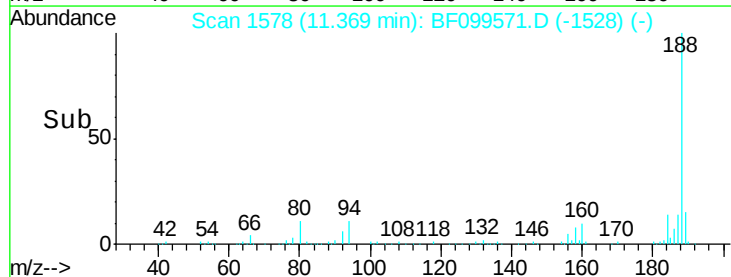
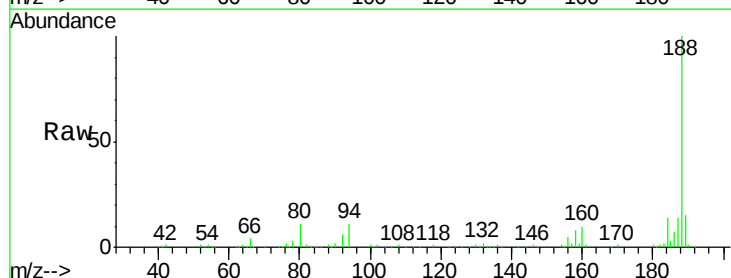
Instrument :
BNA_F
ClientSampleId :

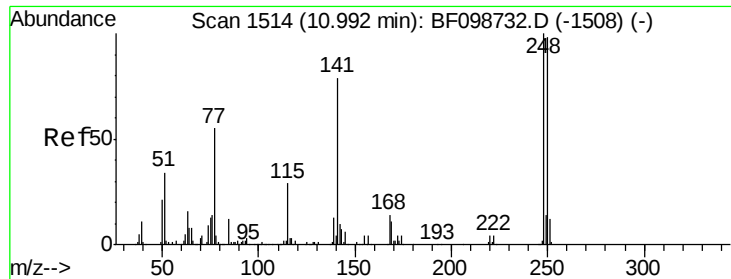
Tot Ion: 77 Resp: 104731
Ion Ratio Lower Upper
77 100
182 81.5 1.7 41.7#
105 171.9 3.0 43.0#
51 34.5 9.9 49.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099571.D
Acq: 17 Oct 2017 3:46

Tgt Ion: 188 Resp: 231356
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.1 9.2 13.8

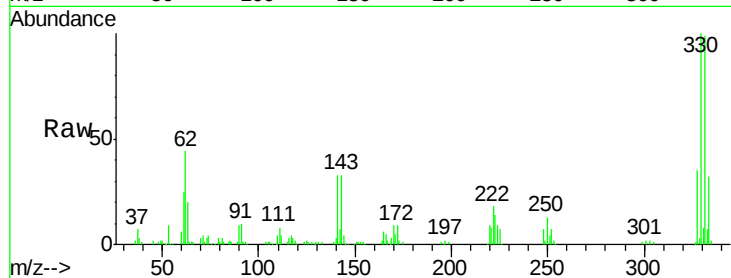




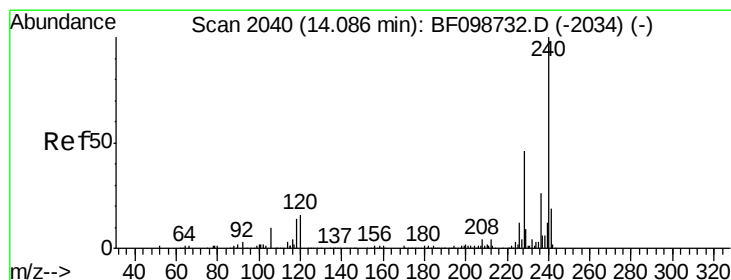
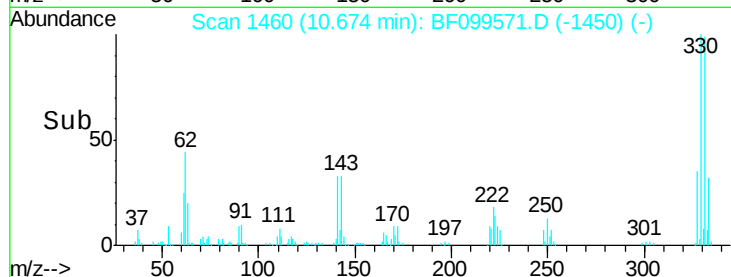
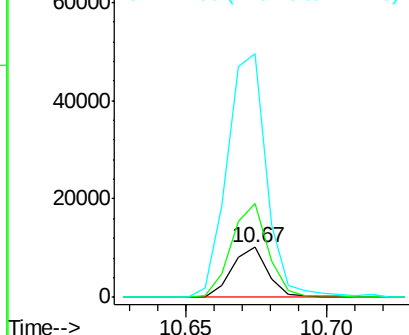
#66
4-Bromophenyl-phenylether
Concen: 3.95 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF099571.D
Acq: 17 Oct 2017 3:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8956
Ion Ratio Lower Upper
248 100
250 186.9 76.9 115.3#
141 488.2 74.4 111.6#

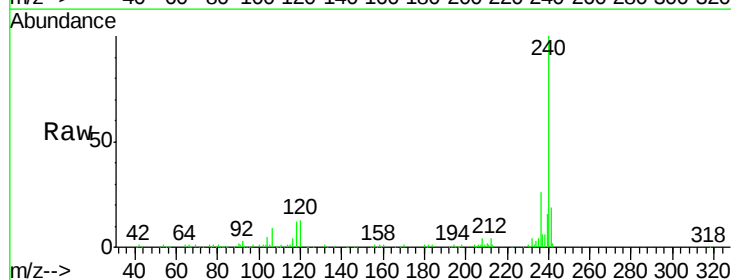


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

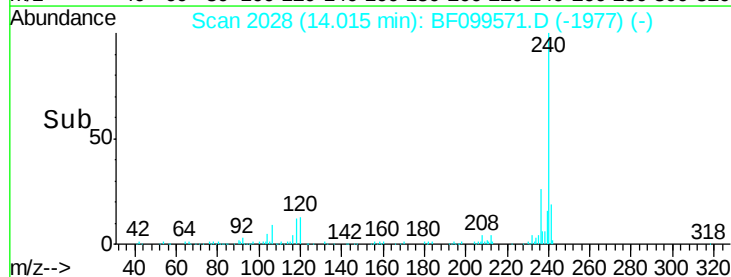
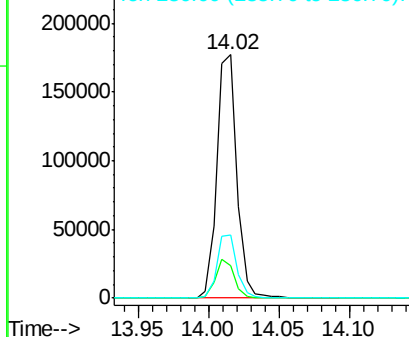


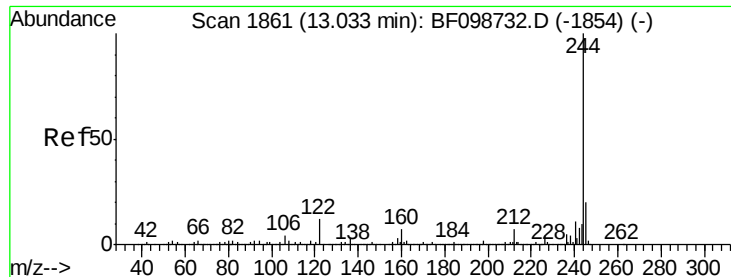
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF099571.D
Acq: 17 Oct 2017 3:46

Tgt Ion:240 Resp: 174689
Ion Ratio Lower Upper
240 100
120 13.4 9.5 14.3
236 25.9 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

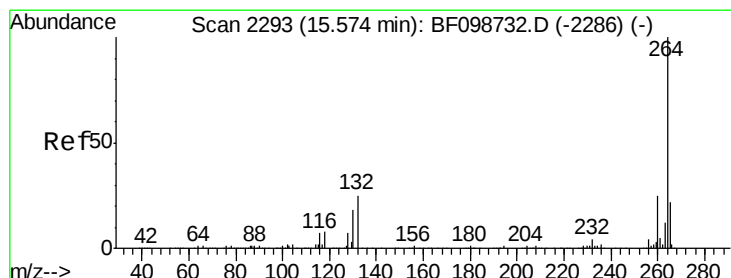
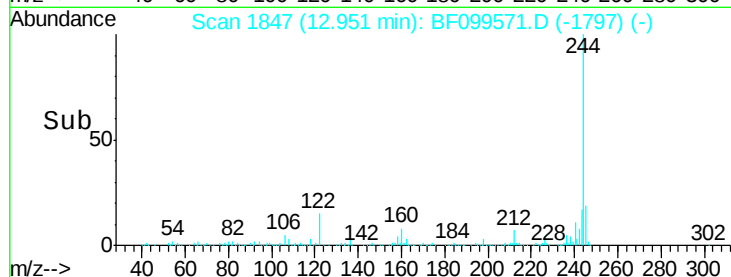
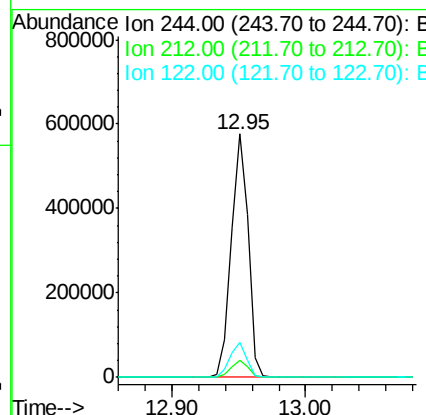
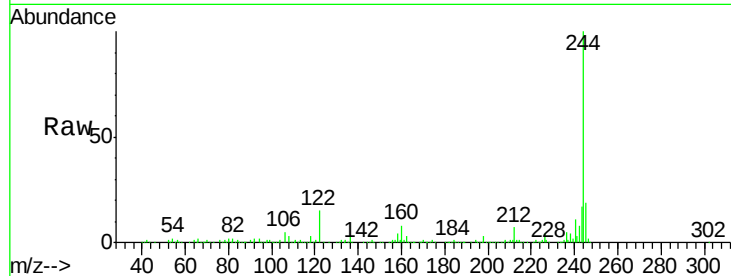




#78
 Terphenyl-d14
 Concen: 67.66 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF099571.D
 Acq: 17 Oct 2017 3:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 519684
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 14.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BF099571.D
 Acq: 17 Oct 2017 3:46

Tgt Ion:264 Resp: 183195
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 21.5 17.5 26.3

