

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099566.D
 Acq On : 17 Oct 2017 1:29
 Operator : SJ/JU
 Sample : I5752-07RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 17 02:32:45 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

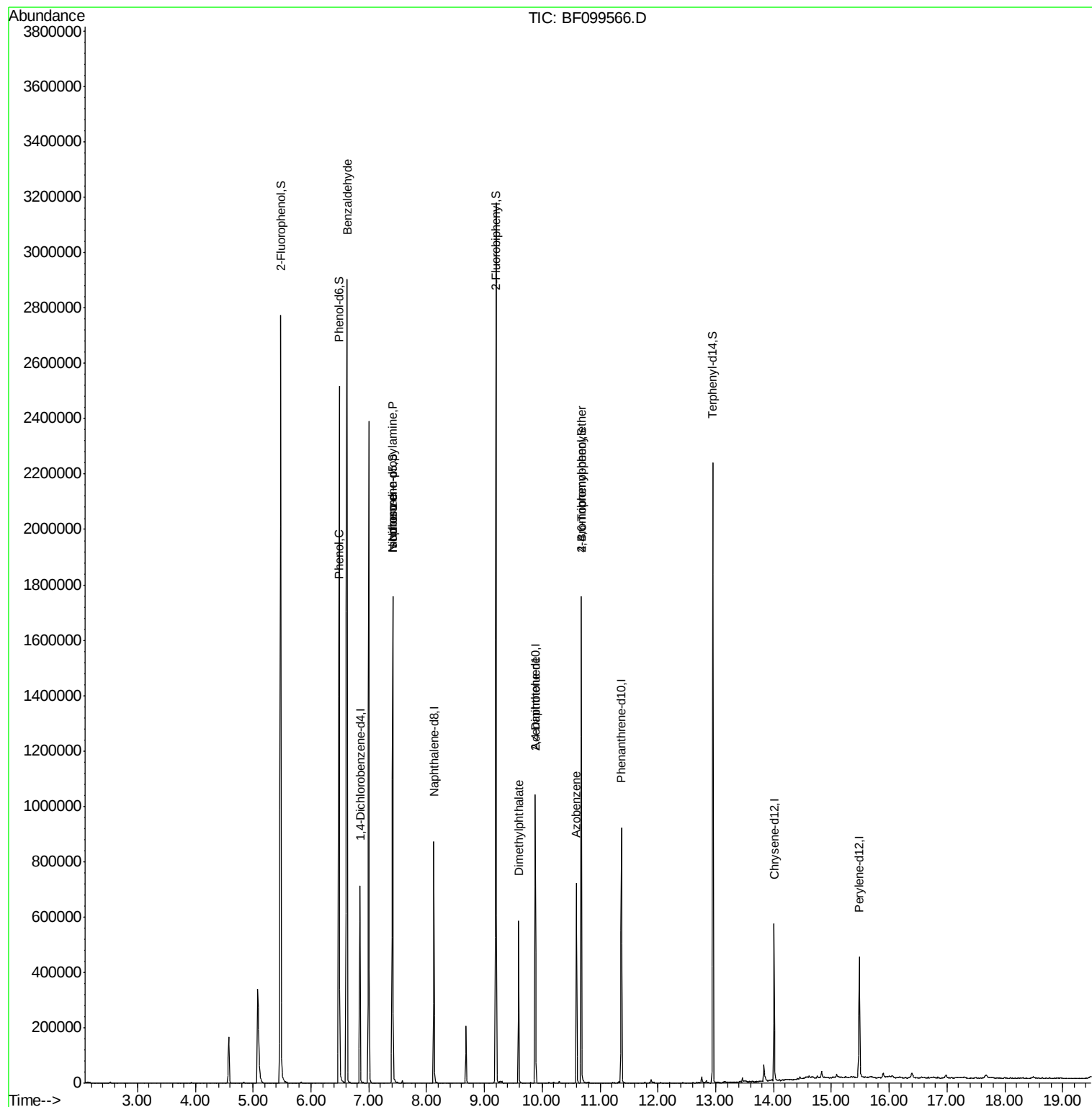
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	110078	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	443500	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	195335	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	308282	20.00	ng	0.00
75) Chrysene-d12	14.02	240	196604	20.00	ng	0.00
86) Perylene-d12	15.49	264	204065	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	962948	139.26	ng	0.00
7) Phenol-d6	6.49	99	1167610	136.88	ng	0.00
23) Nitrobenzene-d5	7.42	82	693088	100.22	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	220055	137.67	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1144526	97.82	ng	0.00
78) Terphenyl-d14	12.95	244	744453	86.11	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.62	77	17959	3.63	ng	87
10) Phenol	6.50	94	68912	7.22	ng	92
19) n-Nitroso-di-n-propylamine	7.42	70	88291	16.21	ng	# 71
25) Isophorone	7.42	82	693081	48.47	ng	# 64
49) Dimethylphthalate	9.59	163	222552	15.10	ng	100
56) 2,4-Dinitrotoluene	9.88	165	24458	5.87	ng	# 22
62) Azobenzene	10.59	77	119460	9.02	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	14568	4.83	ng	# 1

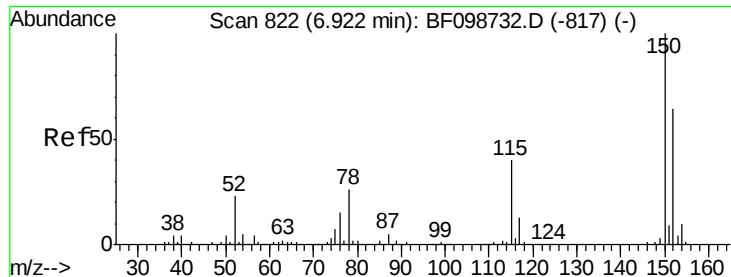
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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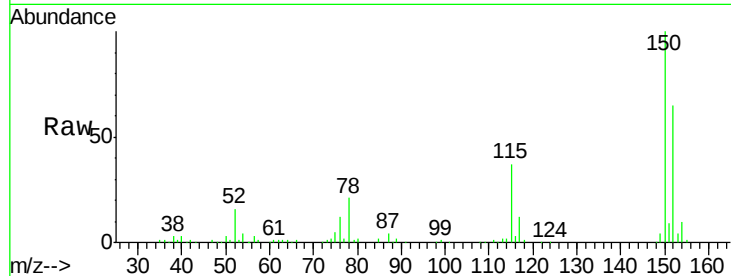


#1

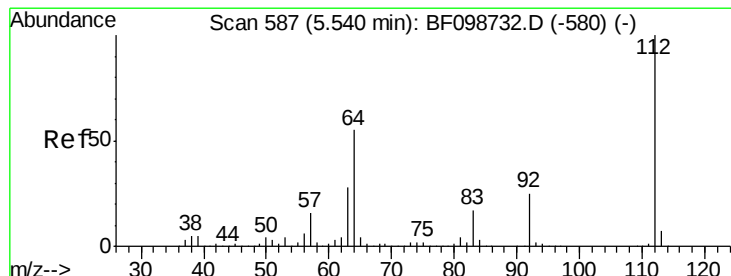
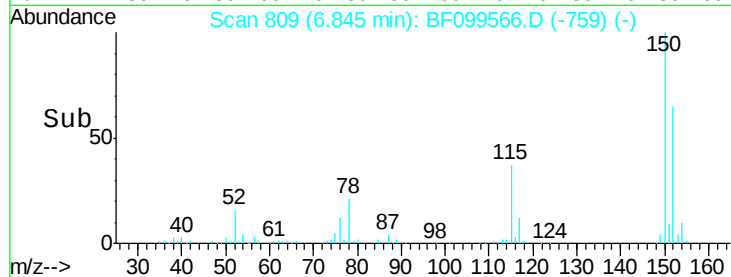
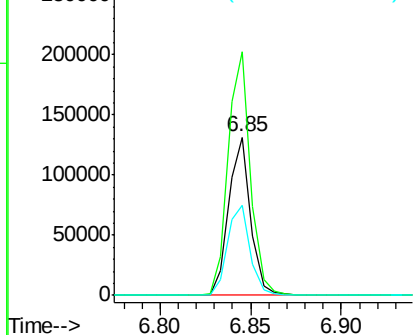
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099566.D
Acq: 17 Oct 2017 1:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 110078
Ion Ratio Lower Upper
152 100
150 153.7 124.6 186.8
115 56.8 50.1 75.1



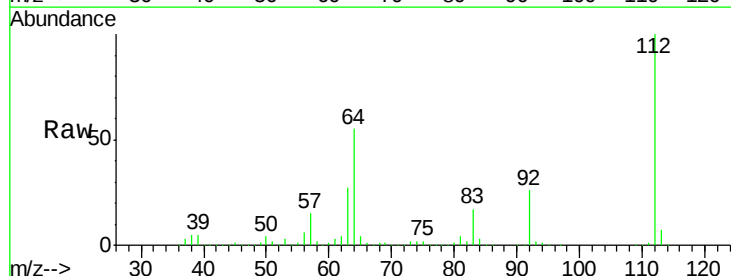
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



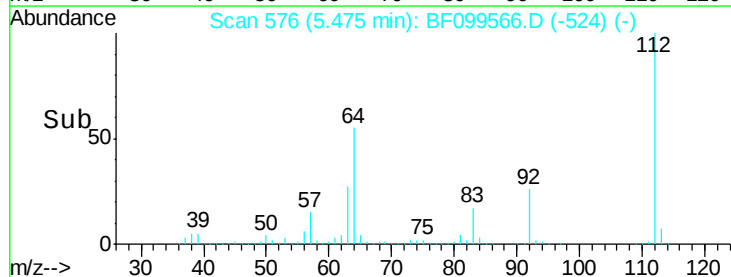
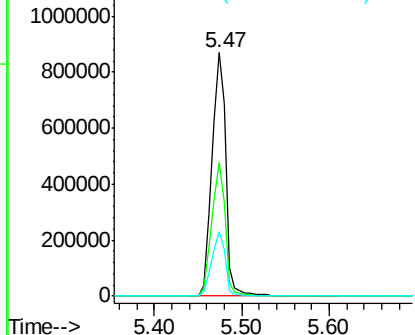
#5

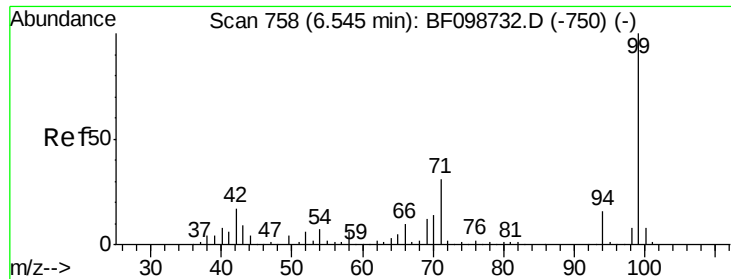
2-Fluorophenol
Concen: 139.26 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF099566.D
Acq: 17 Oct 2017 1:29

Tgt Ion:112 Resp: 962948
Ion Ratio Lower Upper
112 100
64 54.7 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: 136.88 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF099566.D

Acq: 17 Oct 2017 1:29

Instrument :

BNA_F

ClientSampleId :

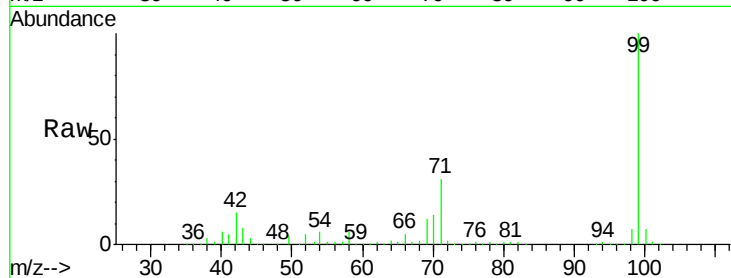
Tot Ion: 99 Resp: 1167610

Ion Ratio Lower Upper

99 100

42 15.0 14.5 21.7

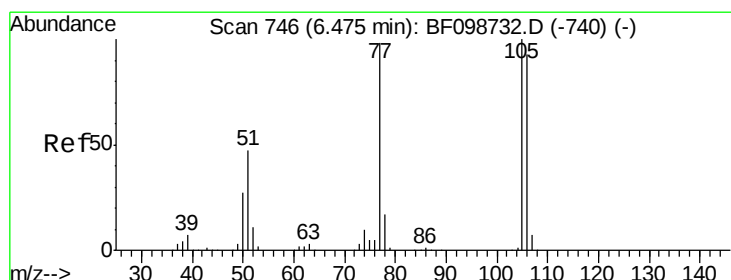
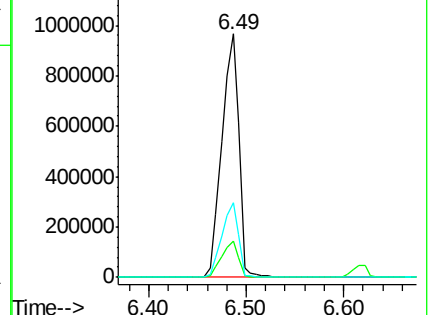
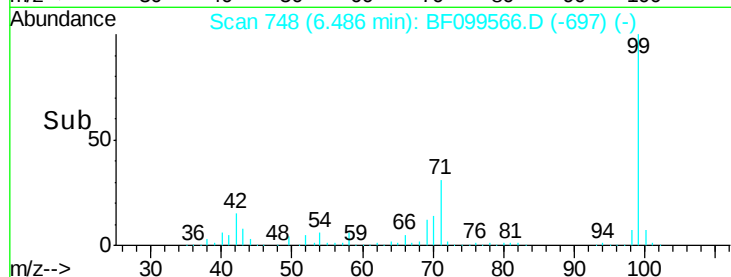
71 30.9 25.4 38.0



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: 3.63 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.21 min

Lab File: BF099566.D

Acq: 17 Oct 2017 1:29

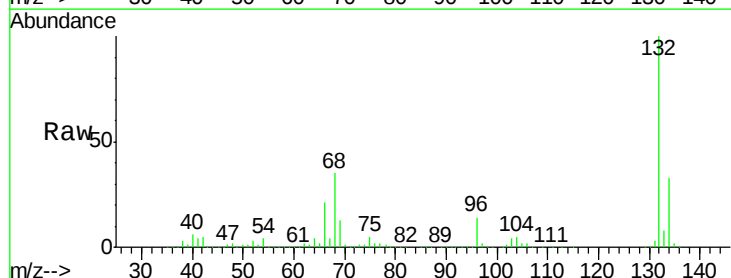
Tgt Ion: 77 Resp: 17959

Ion Ratio Lower Upper

77 100

105 84.8 81.1 121.1

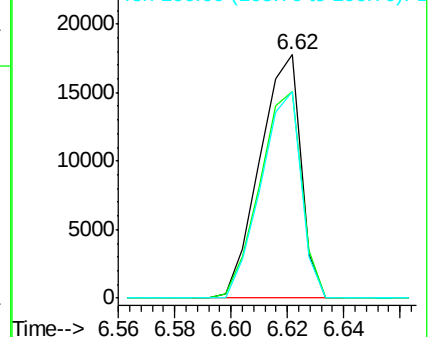
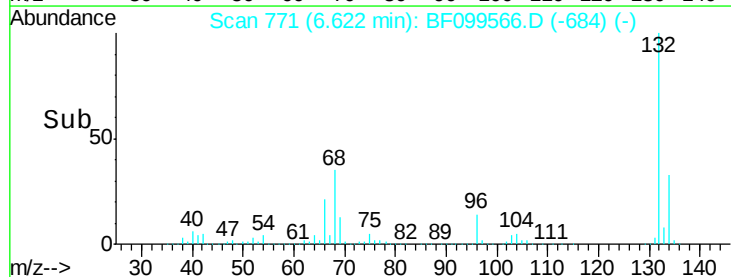
106 84.9 74.5 114.5

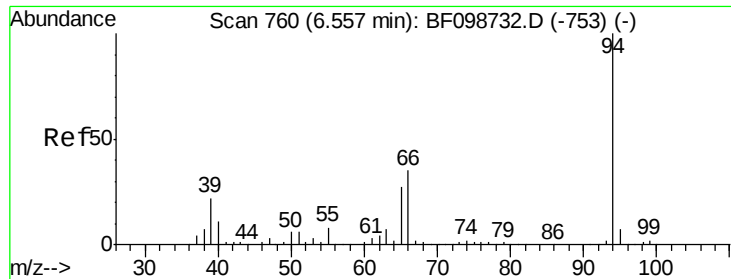


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

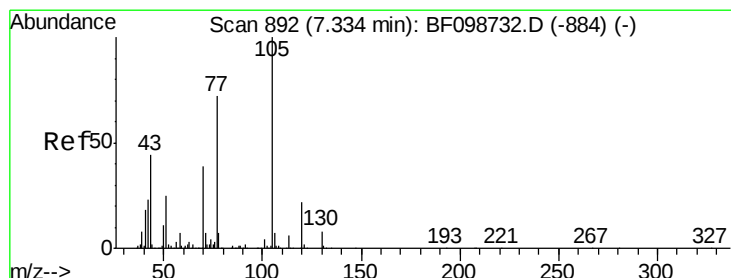
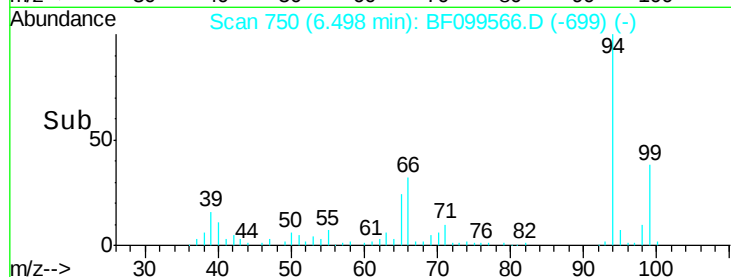
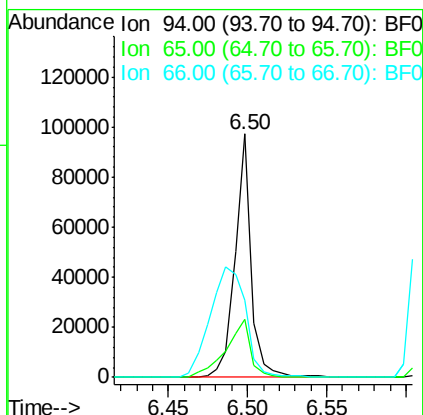
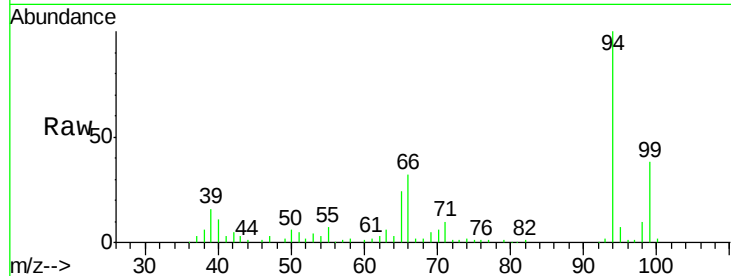




#10
Phenol
Concen: 7.22 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF099566.D
Acq: 17 Oct 2017 1:29

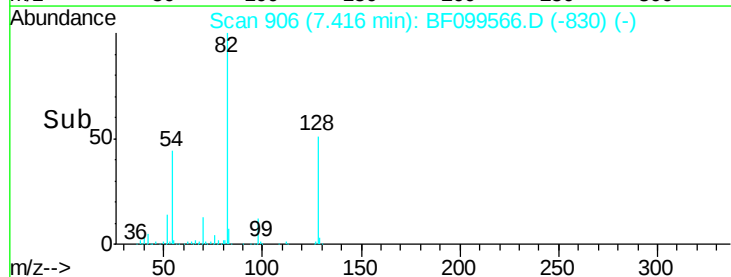
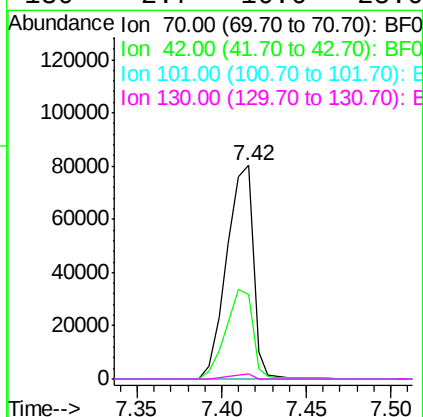
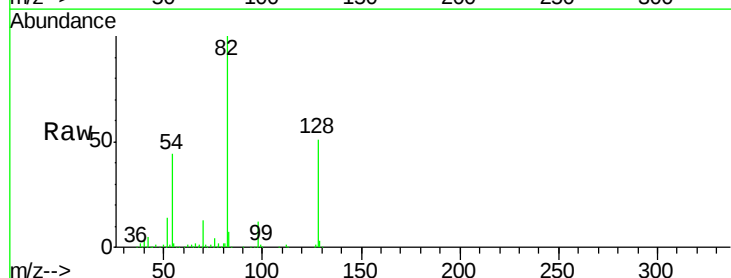
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 94 Resp: 68912
Ion Ratio Lower Upper
94 100
65 24.0 7.9 47.9
66 31.8 16.2 56.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.21 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF099566.D
Acq: 17 Oct 2017 1:29

Tgt Ion: 70 Resp: 88291
Ion Ratio Lower Upper
70 100
42 39.4 47.5 71.3#
101 0.0 7.4 11.2#
130 2.7 16.6 25.0#

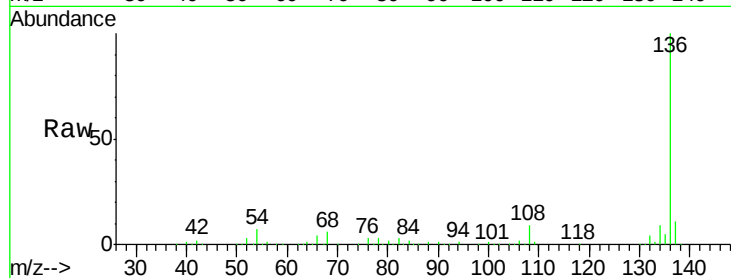




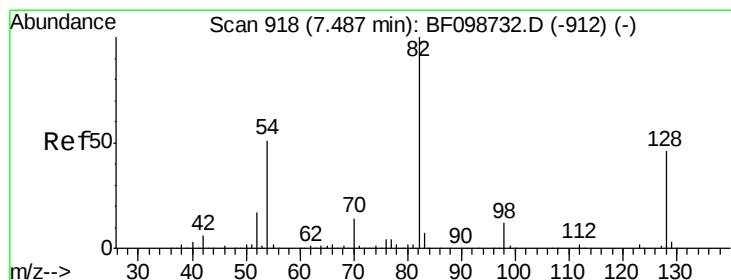
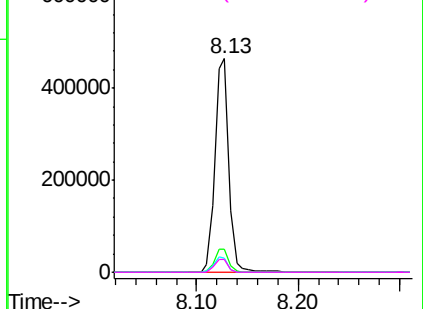
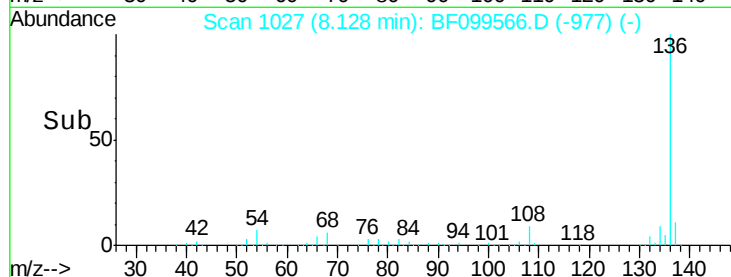
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099566.D
Acq: 17 Oct 2017 1:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	443500
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	6.5	6.6 9.8#
68	5.8	5.0 7.4

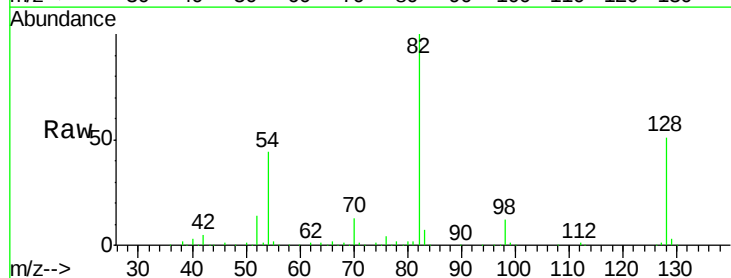


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

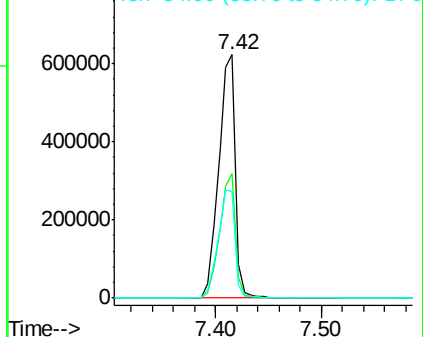
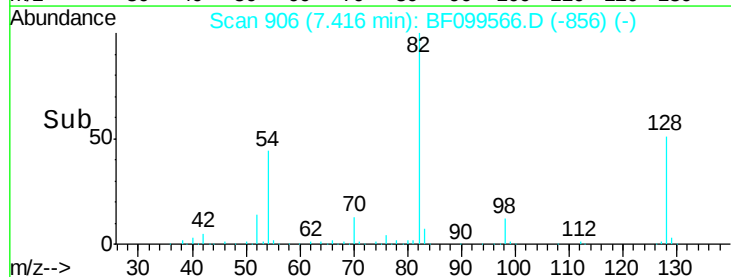


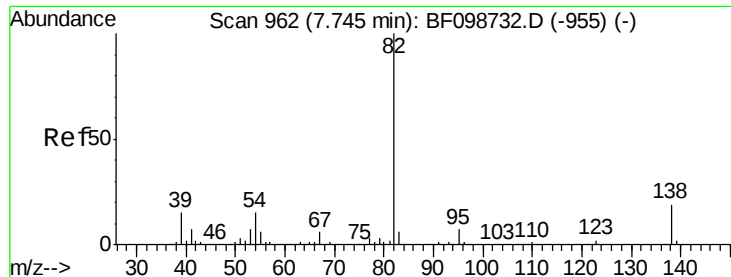
#23
Nitrobenzene-d5
Concen: 100.22 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099566.D
Acq: 17 Oct 2017 1:29

Tgt Ion: 82	Resp:	693088
Ion Ratio	Lower	Upper
82	100	
128	51.1	36.1 54.1
54	43.8	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: 48.47 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF099566.D

Acq: 17 Oct 2017 1:29

Instrument :

BNA_F

ClientSampleId :

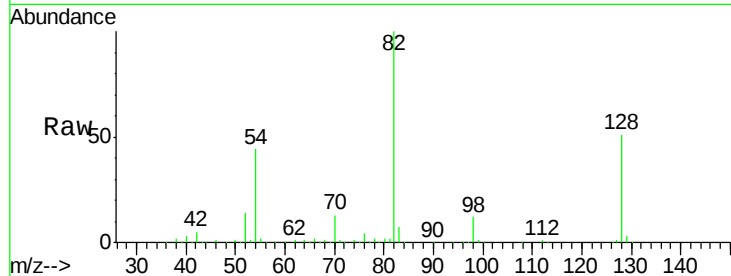
Tot Ion: 82 Resp: 693081

Ion Ratio Lower Upper

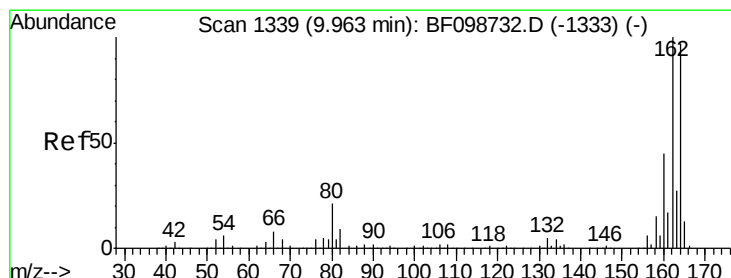
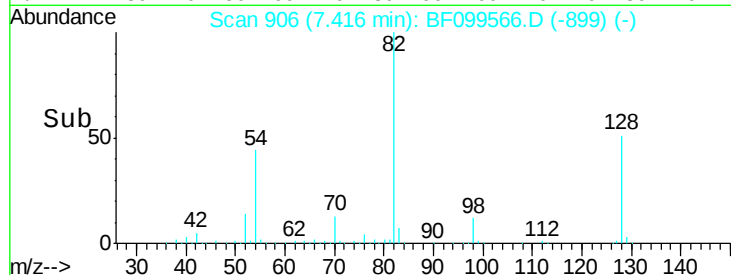
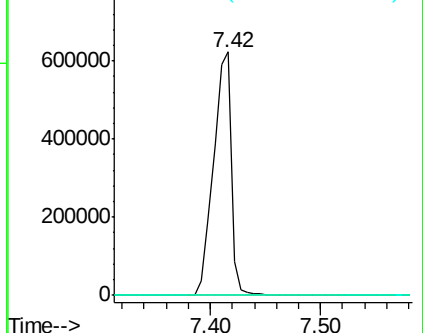
82 100

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: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF099566.D

Acq: 17 Oct 2017 1:29

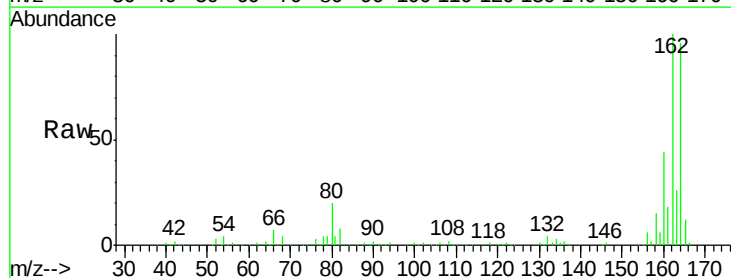
Tgt Ion:164 Resp: 195335

Ion Ratio Lower Upper

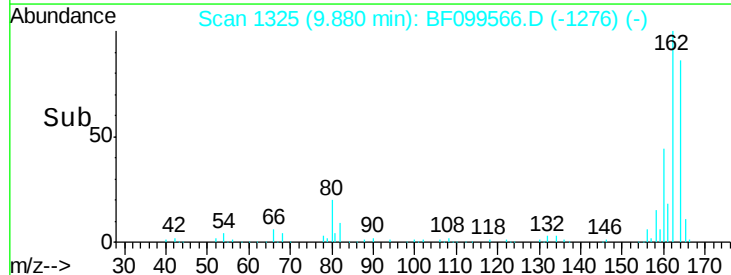
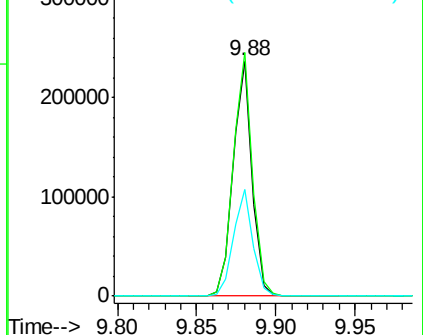
164 100

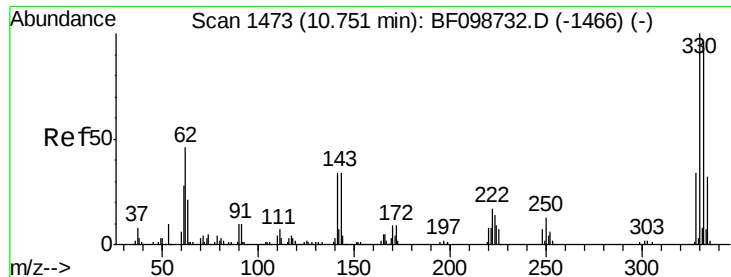
162 103.7 86.1 129.1

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

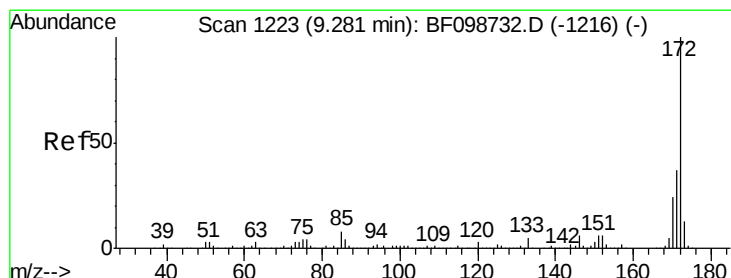
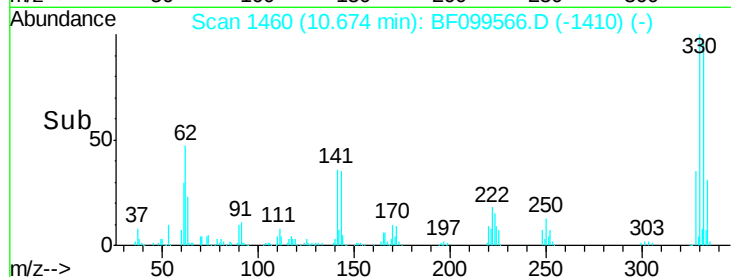
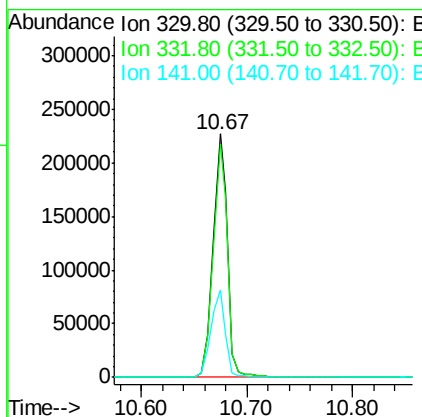
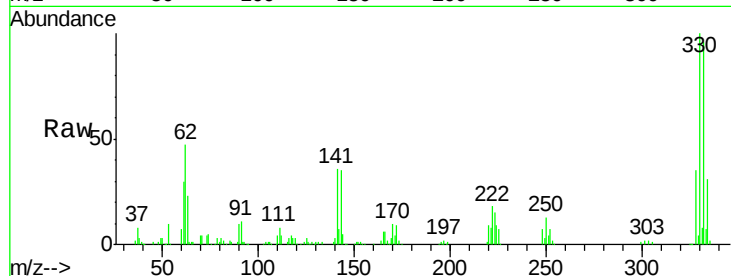




#41
 2,4,6-Tribromophenol
 Concen: 137.67 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF099566.D
 Acq: 17 Oct 2017 1:29

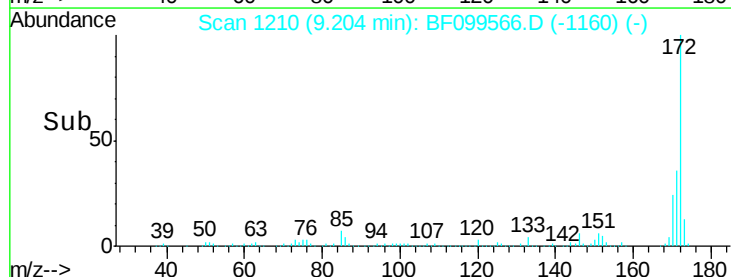
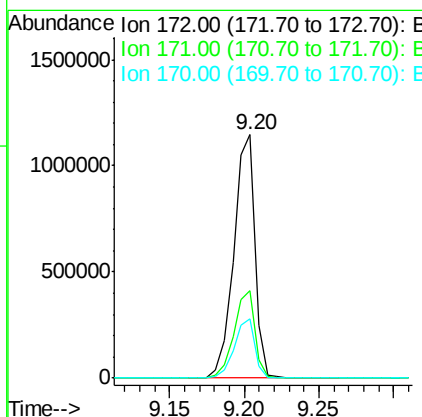
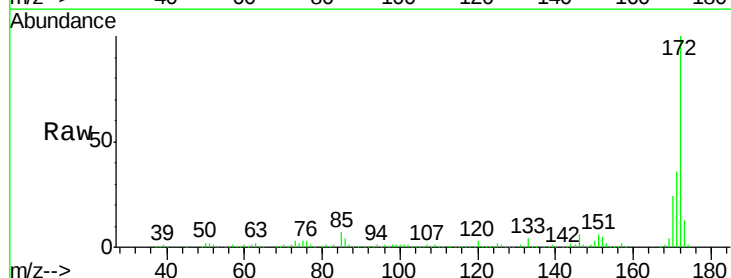
Instrument :
 BNA_F
 ClientSampleId :

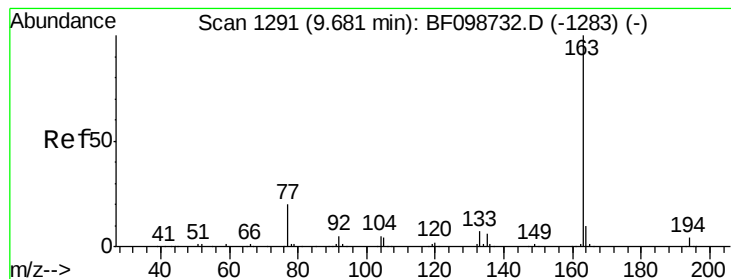
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	35.9	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 97.82 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF099566.D
 Acq: 17 Oct 2017 1:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.2	19.6	29.4





#49

Dimethylphthalate

Concen: 15.10 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF099566.D

Acq: 17 Oct 2017 1:29

Instrument :

BNA_F

ClientSampleId :

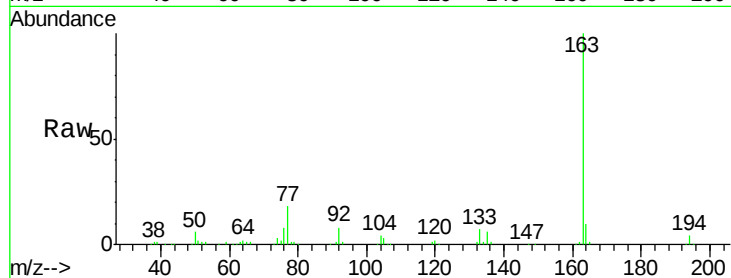
Tot Ion:163 Resp: 222552

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

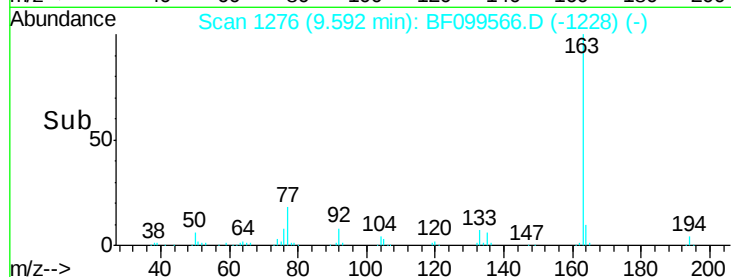
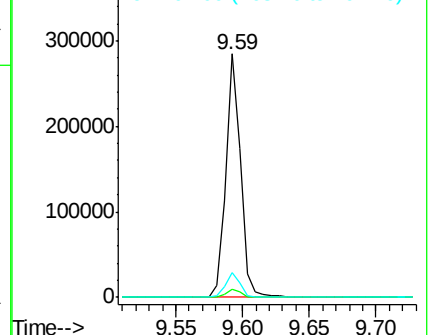
164 10.1 8.2 12.2



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: 5.87 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.21 min

Lab File: BF099566.D

Acq: 17 Oct 2017 1:29

Tgt Ion:165 Resp: 24458

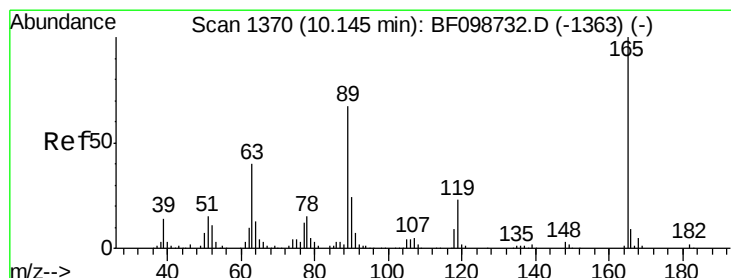
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 1.1 57.8 86.6#

182 0.0 1.6 2.4#

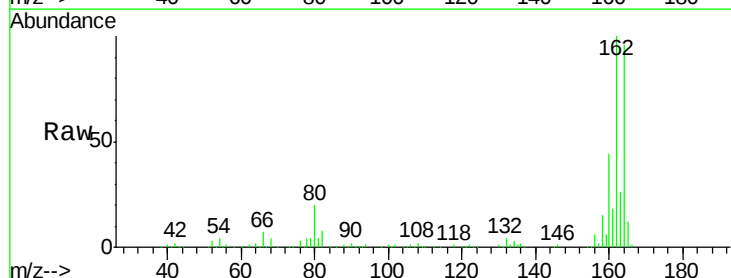
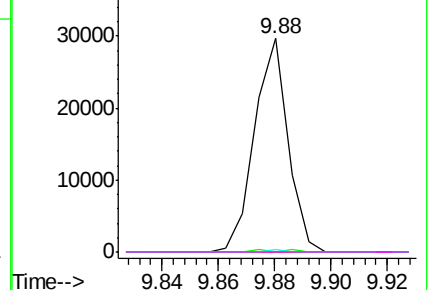


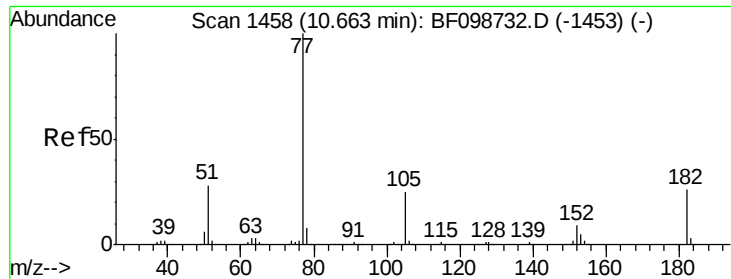
Abundance Ion 165.00 (164.70 to 165.70): E

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

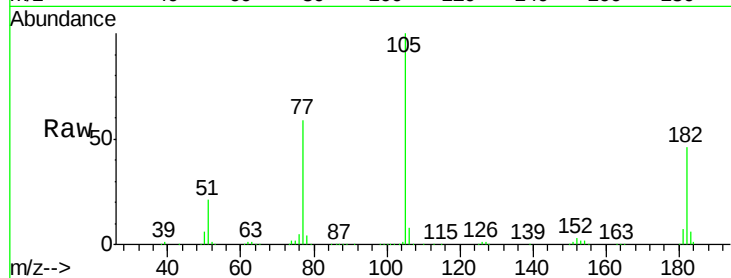




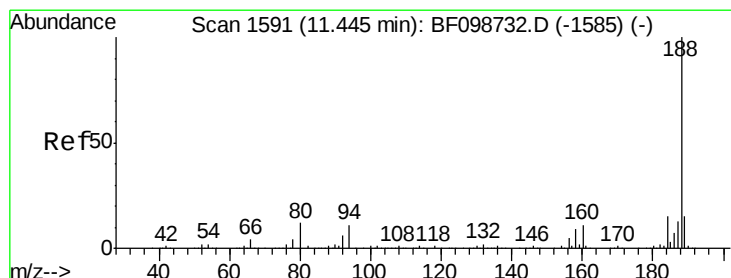
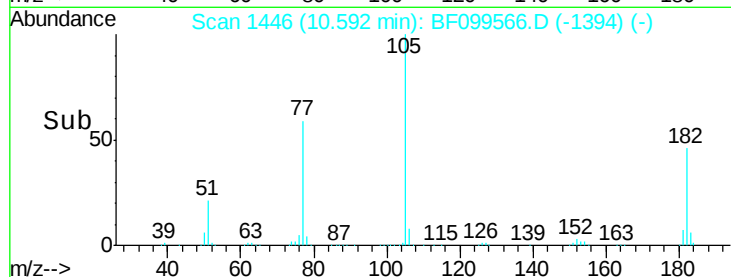
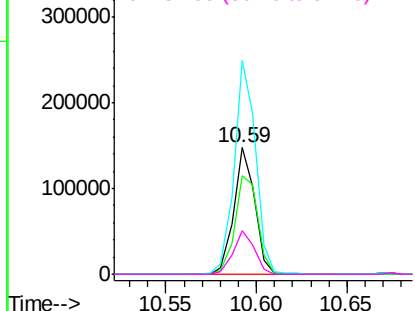
#62
Azobenzene
Concen: 9.02 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF099566.D
Acq: 17 Oct 2017 1:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 119460
Ion Ratio Lower Upper
77 100
182 77.8 1.7 41.7#
105 169.0 3.0 43.0#
51 34.9 9.9 49.9

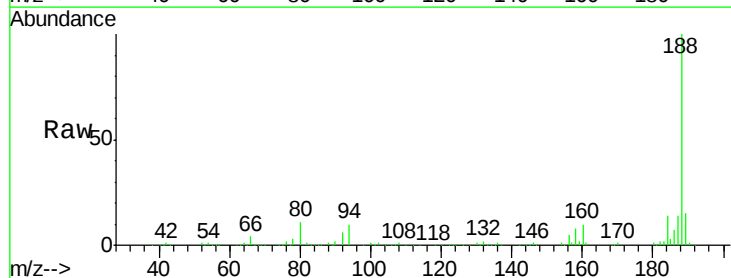


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

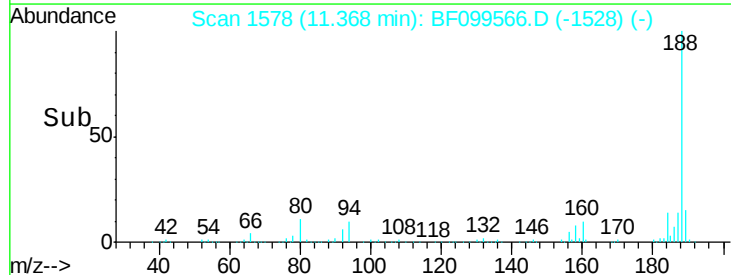
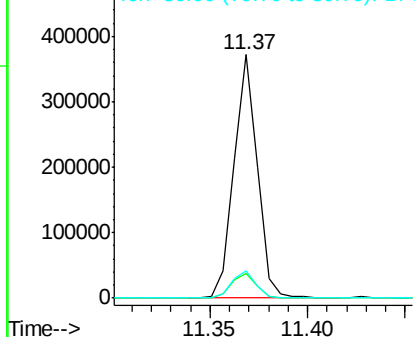


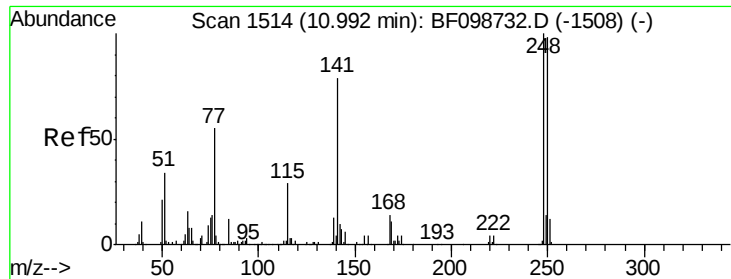
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099566.D
Acq: 17 Oct 2017 1:29

Tgt Ion: 188 Resp: 308282
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.4 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

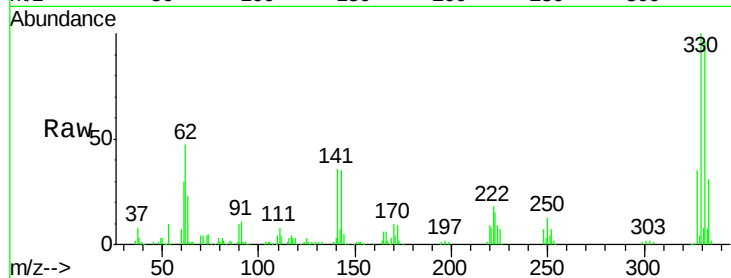




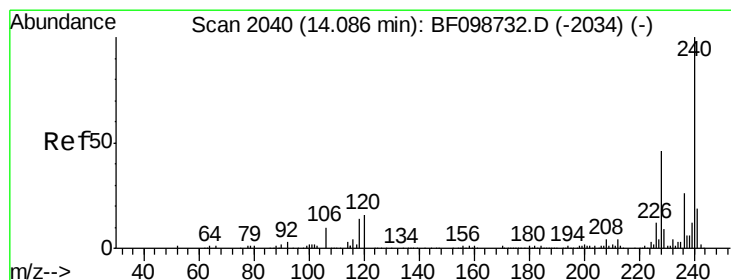
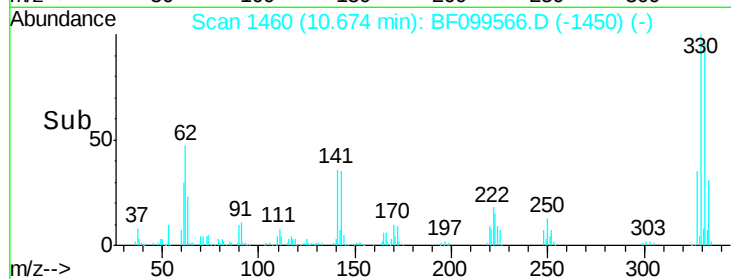
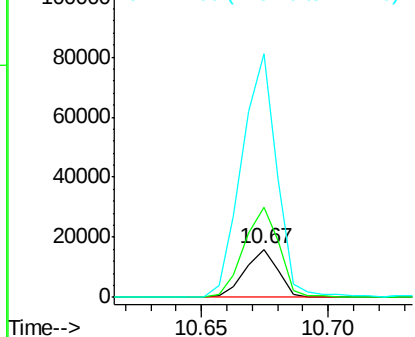
#66
 4-Bromophenyl-phenylether
 Concen: 4.83 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.24 min
 Lab File: BF099566.D
 Acq: 17 Oct 2017 1:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 14568
 Ion Ratio Lower Upper
 248 100
 250 187.5 76.9 115.3#
 141 506.8 74.4 111.6#

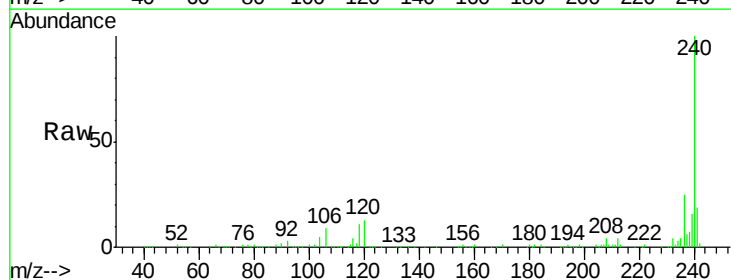


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

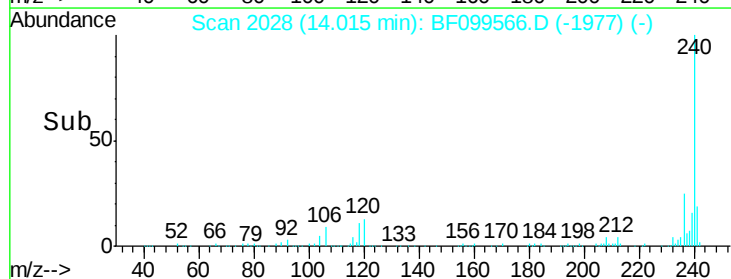
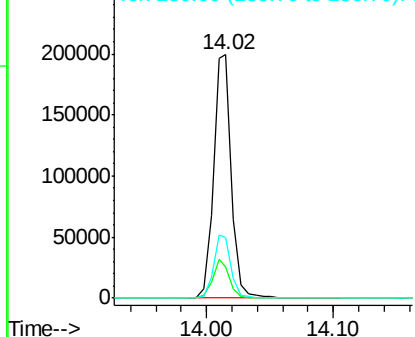


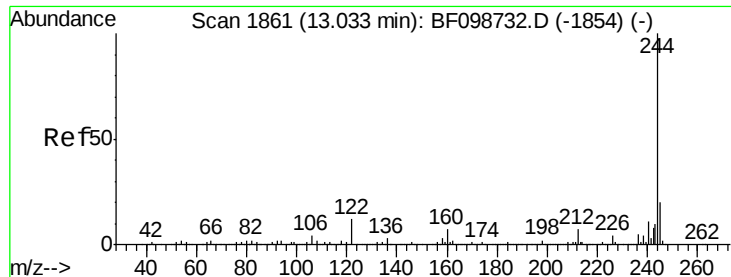
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF099566.D
 Acq: 17 Oct 2017 1:29

Tgt Ion:240 Resp: 196604
 Ion Ratio Lower Upper
 240 100
 120 12.8 9.5 14.3
 236 24.8 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

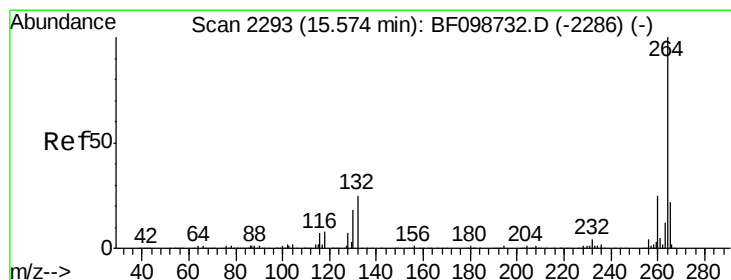
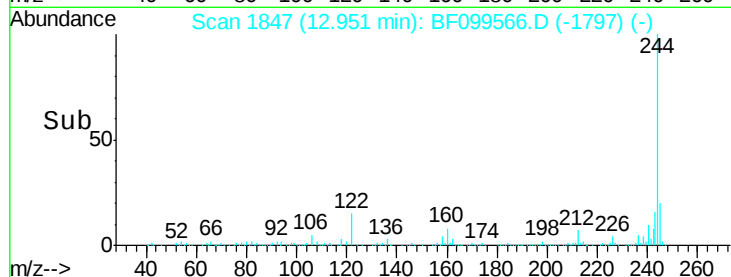
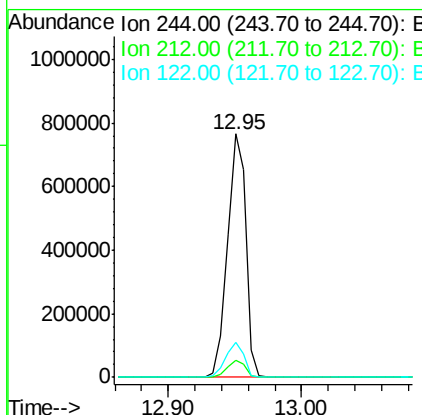
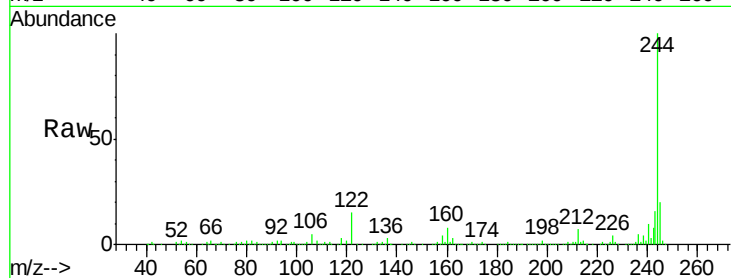




#78
 Terphenyl-d14
 Concen: 86.11 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF099566.D
 Acq: 17 Oct 2017 1:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 744453
 Ion Ratio Lower Upper
 244 100
 212 7.0 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: BF099566.D
 Acq: 17 Oct 2017 1:29

Tgt Ion:264 Resp: 204065
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 20.8 17.5 26.3

