

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099561.D
 Acq On : 16 Oct 2017 23:12
 Operator : SJ/JU
 Sample : I5782-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 17 02:30:58 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

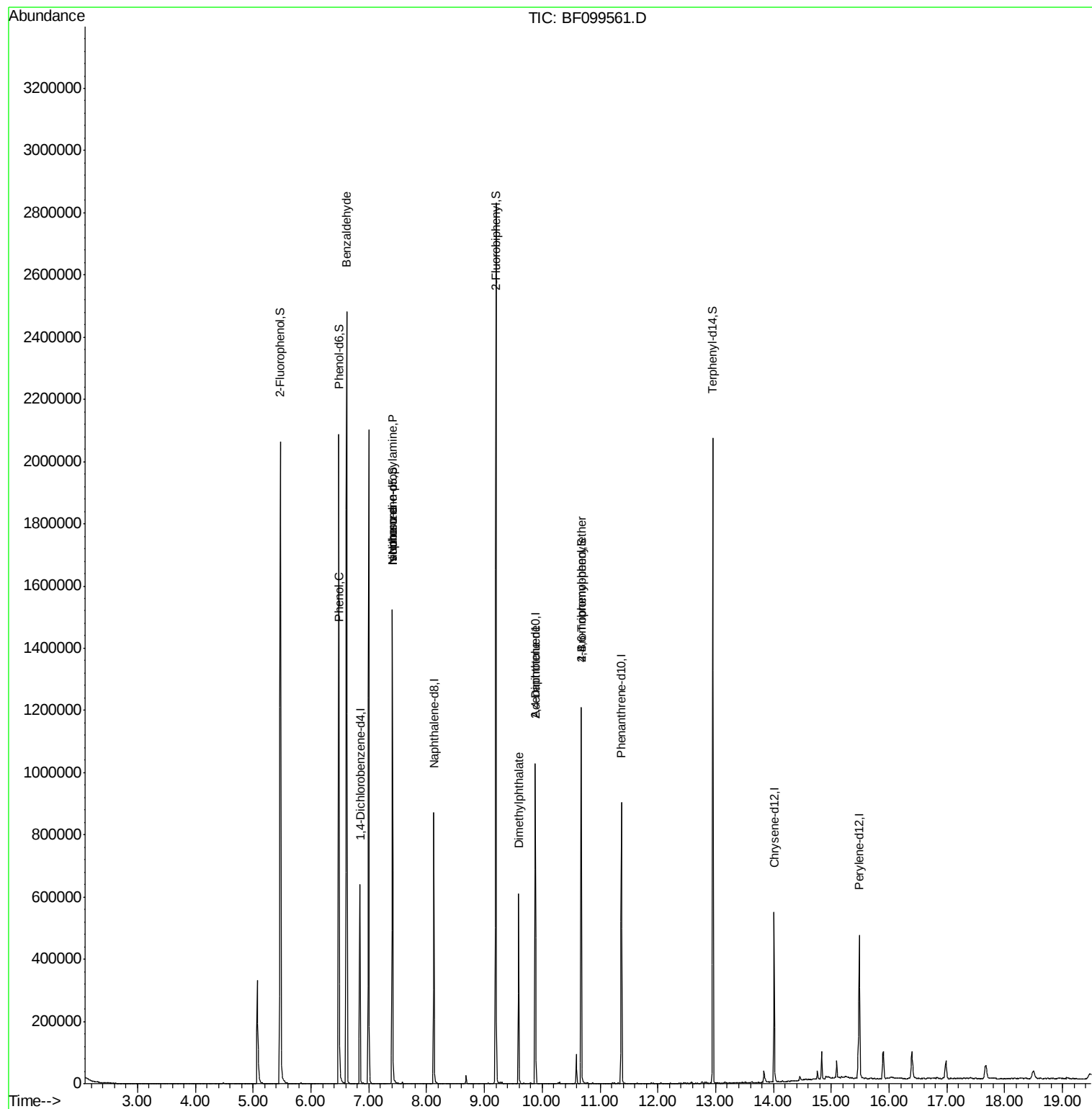
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	103432	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	427342	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	190783	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	304573	20.00	ng	0.00
75) Chrysene-d12	14.02	240	189957	20.00	ng	0.00
86) Perylene-d12	15.49	264	195633	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	685492	105.50	ng	0.00
7) Phenol-d6	6.48	99	845912	105.54	ng	0.00
23) Nitrobenzene-d5	7.41	82	507915	76.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	152192	97.49	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	928975	81.29	ng	-0.01
78) Terphenyl-d14	12.95	244	642485	76.92	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.62	77	13186	2.84	ng	94
10) Phenol	6.49	94	58308	6.50	ng	94
19) n-Nitroso-di-n-propylamine	7.41	70	63646	12.44	ng	# 72
25) Isophorone	7.41	82	507908	36.87	ng	# 64
49) Dimethylphthalate	9.59	163	235101	16.33	ng	100
56) 2,4-Dinitrotoluene	9.88	165	23972	5.89	ng	# 23
66) 4-Bromophenyl-phenylether	10.67	248	9932	3.33	ng	# 1

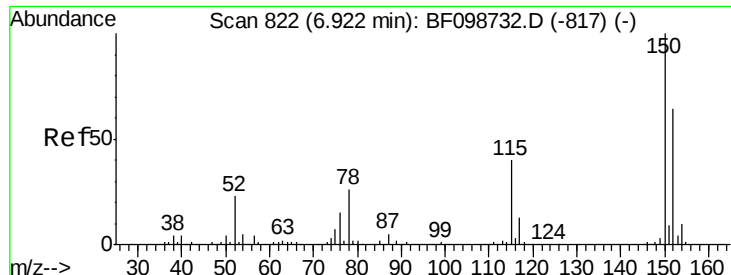
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 11 16:25:21 2017
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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: BF099561.D

Acq: 16 Oct 2017 23:12

Instrument :

BNA_F

ClientSampled :

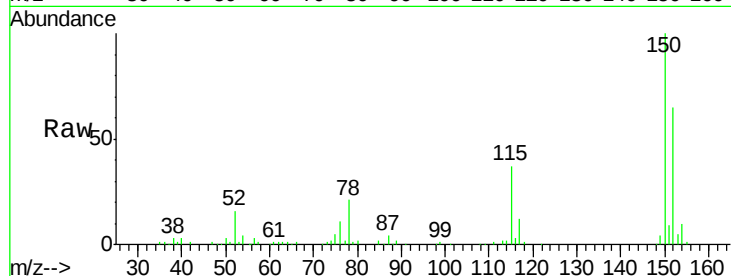
Tot Ion:152 Resp: 103432

Ion Ratio Lower Upper

152 100

150 154.7 124.6 186.8

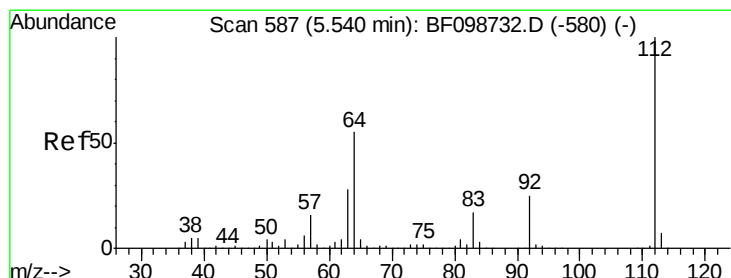
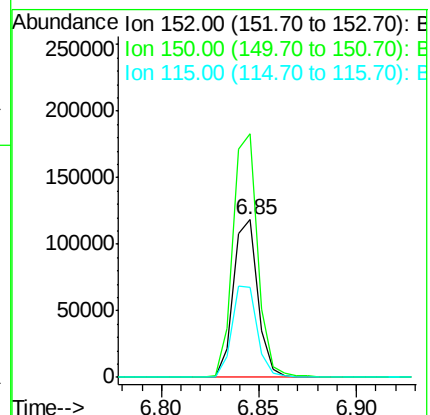
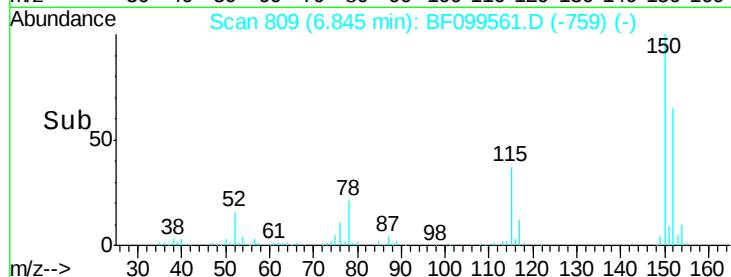
115 57.4 50.1 75.1



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: 105.50 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.00 min

Lab File: BF099561.D

Acq: 16 Oct 2017 23:12

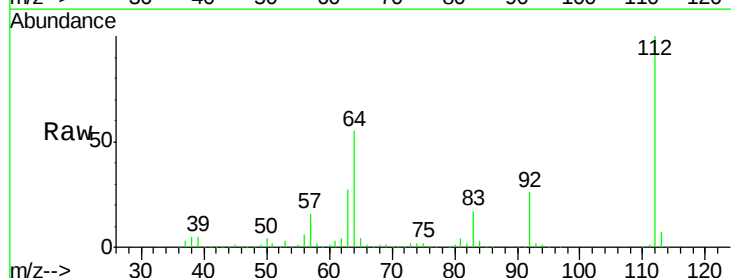
Tgt Ion:112 Resp: 685492

Ion Ratio Lower Upper

112 100

64 55.3 47.9 71.9

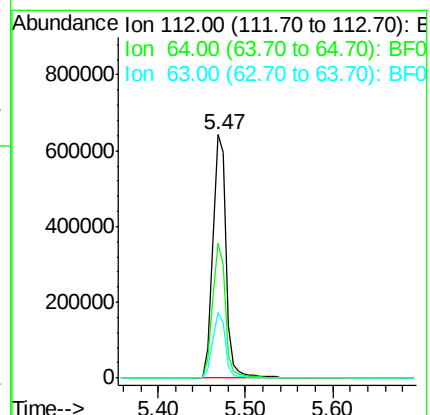
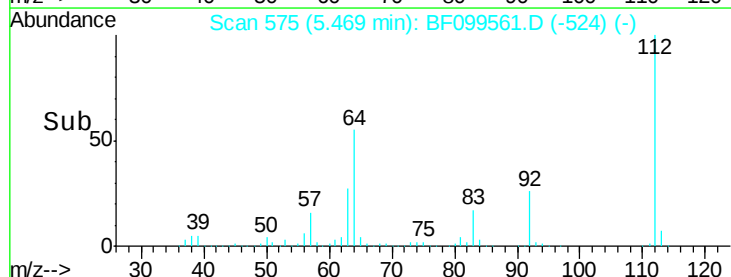
63 27.2 23.7 35.5

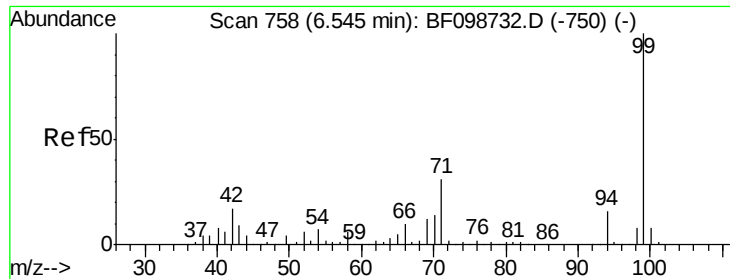


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.54 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099561.D

Acq: 16 Oct 2017 23:12

Instrument :

BNA_F

ClientSampled :

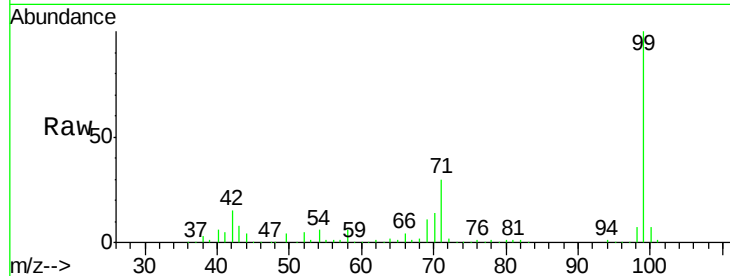
Tot Ion: 99 Resp: 845912

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

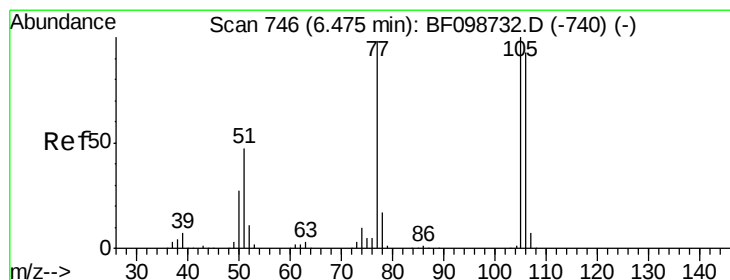
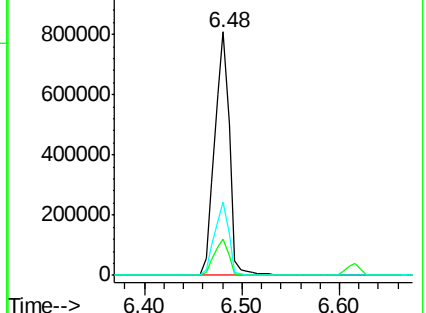
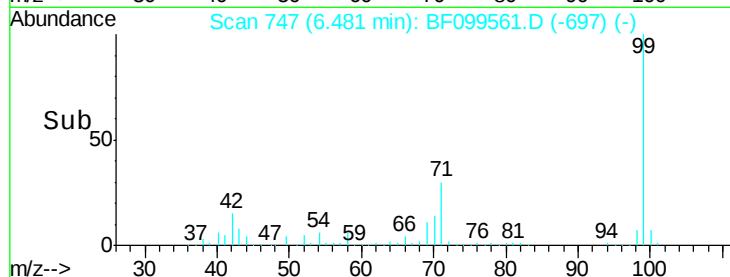
71 30.1 25.4 38.0



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: 2.84 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.21 min

Lab File: BF099561.D

Acq: 16 Oct 2017 23:12

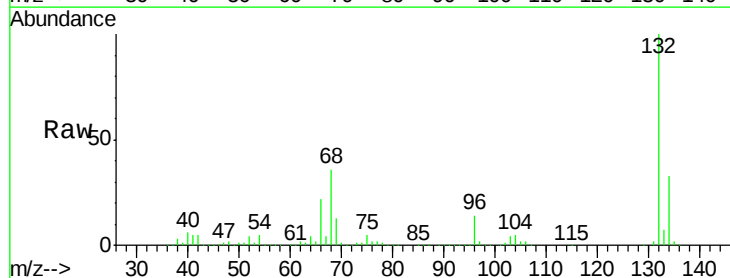
Tgt Ion: 77 Resp: 13186

Ion Ratio Lower Upper

77 100

105 94.4 81.1 121.1

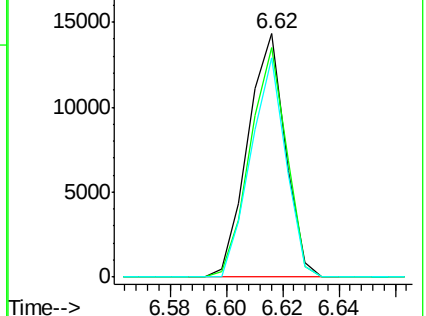
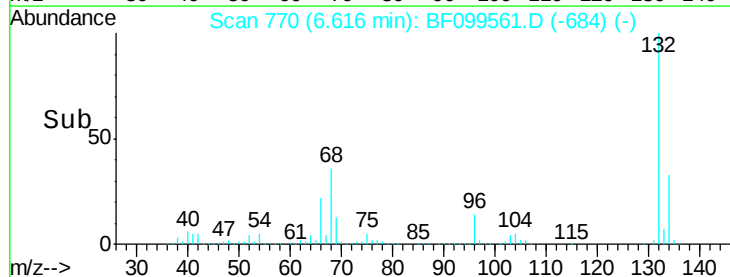
106 90.2 74.5 114.5

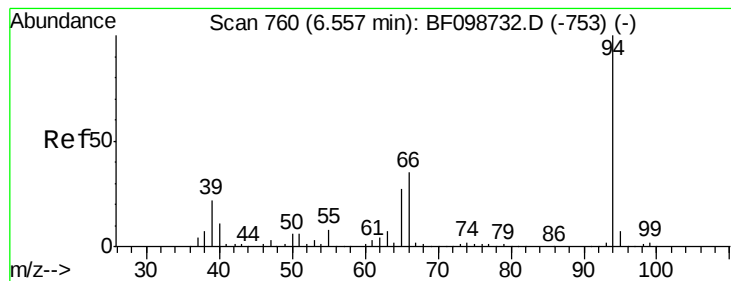


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

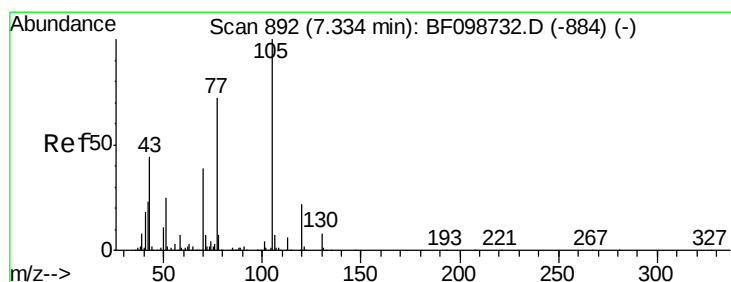
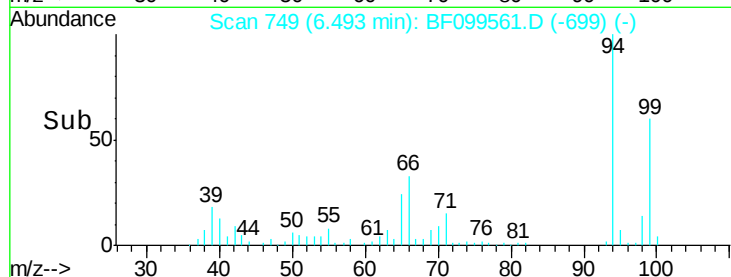
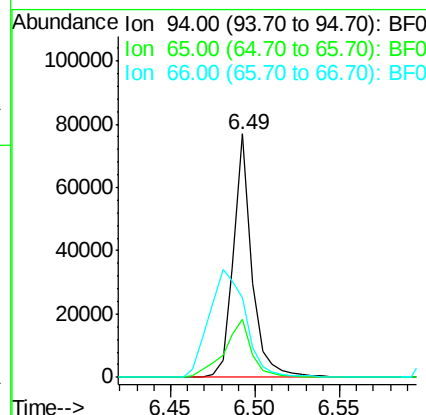
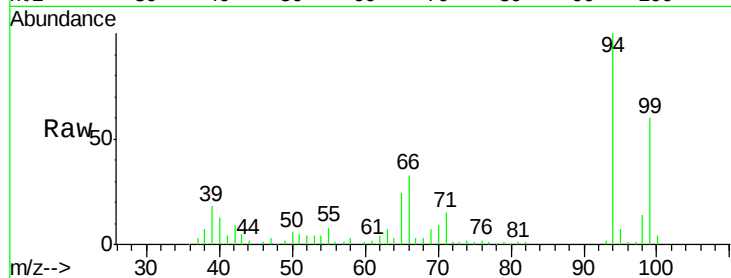




#10
Phenol
Concen: 6.50 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF099561.D
Acq: 16 Oct 2017 23:12

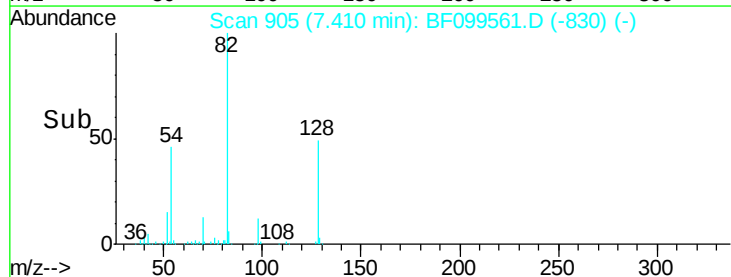
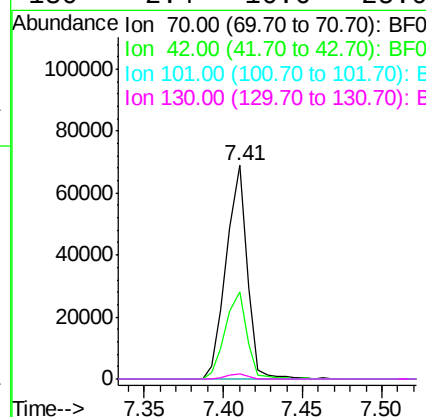
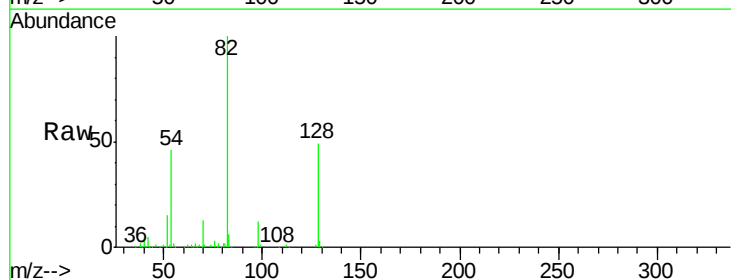
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 94 Resp: 58308
Ion Ratio Lower Upper
94 100
65 24.0 7.9 47.9
66 32.9 16.2 56.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.44 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF099561.D
Acq: 16 Oct 2017 23:12

Tgt Ion: 70 Resp: 63646
Ion Ratio Lower Upper
70 100
42 40.6 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#

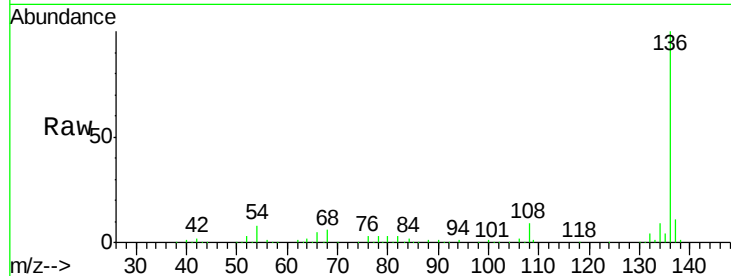




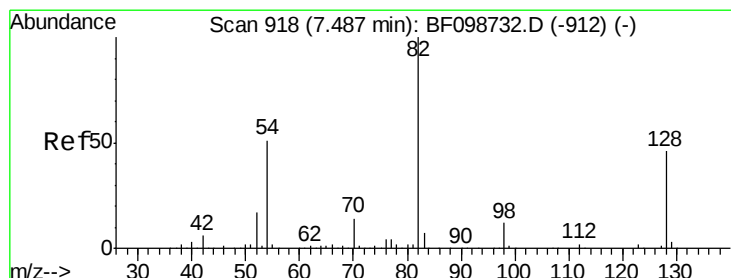
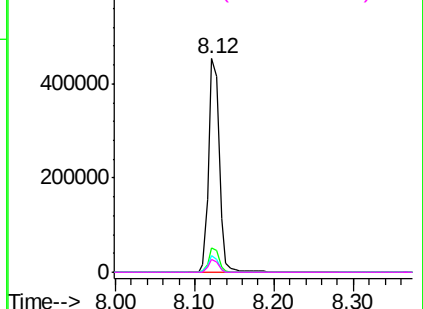
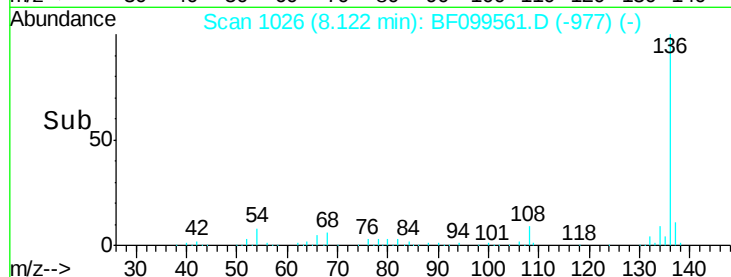
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF099561.D
Acq: 16 Oct 2017 23:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	427342
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	7.9	6.6 9.8
68	6.1	5.0 7.4

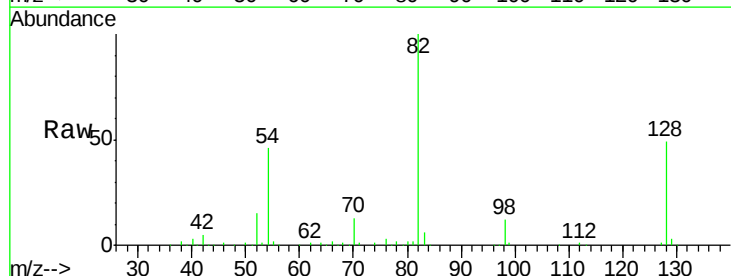


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

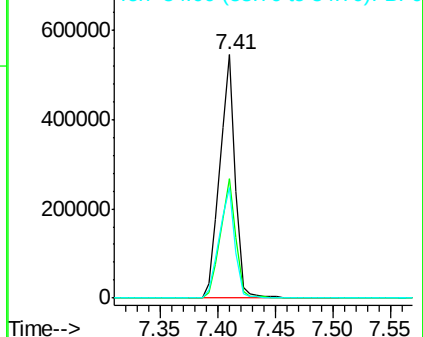
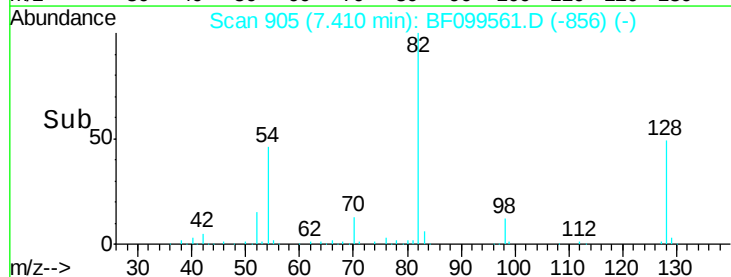


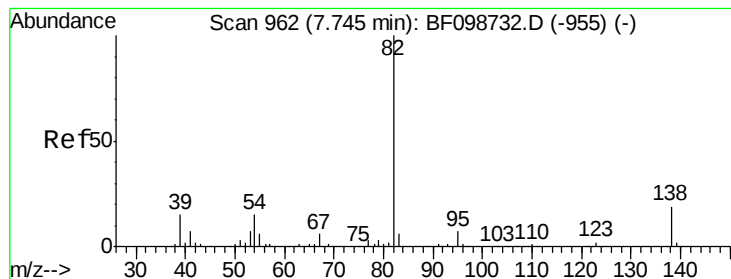
#23
Nitrobenzene-d5
Concen: 76.22 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099561.D
Acq: 16 Oct 2017 23:12

Tgt Ion: 82	Resp:	507915
Ion Ratio	Lower	Upper
82	100	
128	49.1	36.1 54.1
54	45.6	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: 36.87 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF099561.D

Acq: 16 Oct 2017 23:12

Instrument :

BNA_F

ClientSampleId :

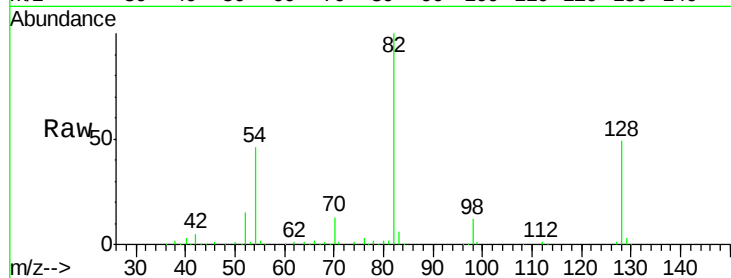
Tot Ion: 82 Resp: 507908

Ion Ratio Lower Upper

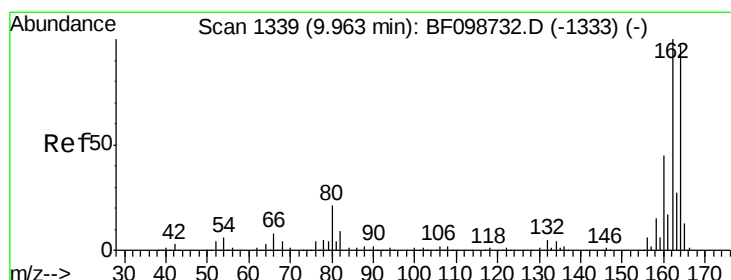
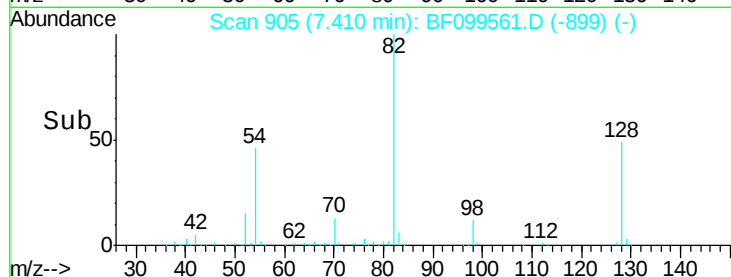
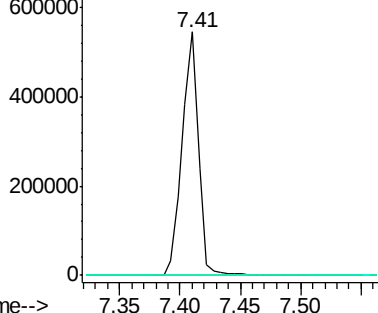
82 100

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: BF099561.D

Acq: 16 Oct 2017 23:12

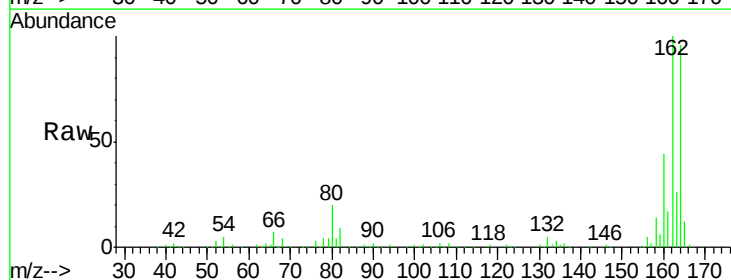
Tgt Ion:164 Resp: 190783

Ion Ratio Lower Upper

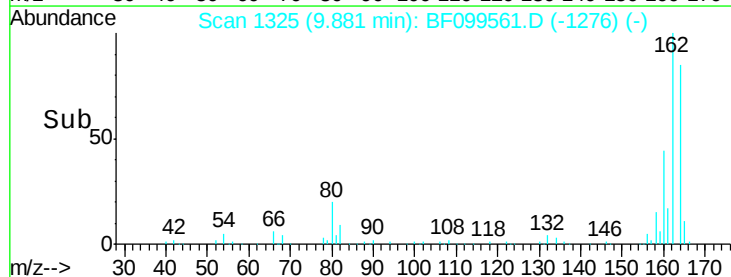
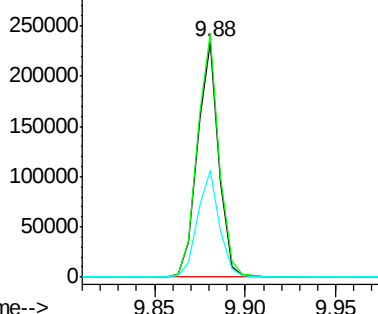
164 100

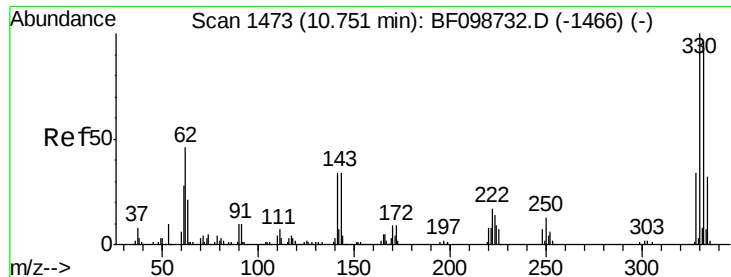
162 103.7 86.1 129.1

160 45.4 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

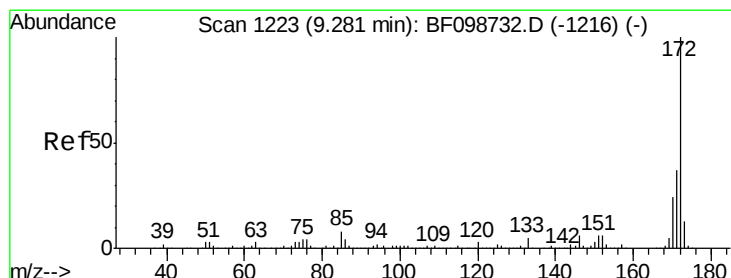
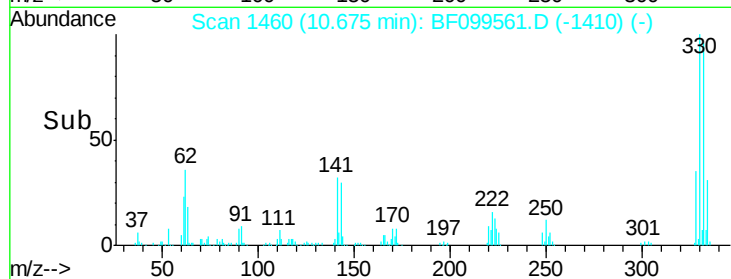
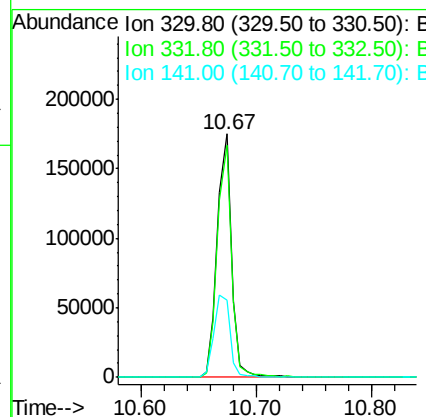
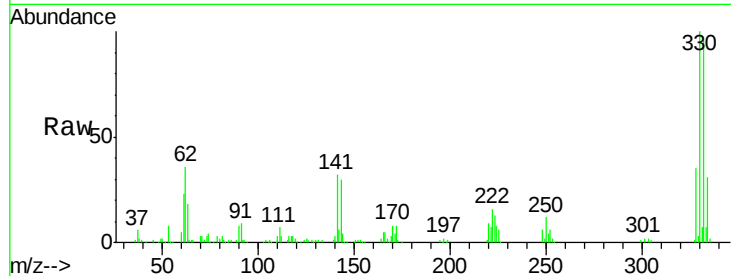




#41
 2,4,6-Tribromophenol
 Concen: 97.49 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF099561.D
 Acq: 16 Oct 2017 23:12

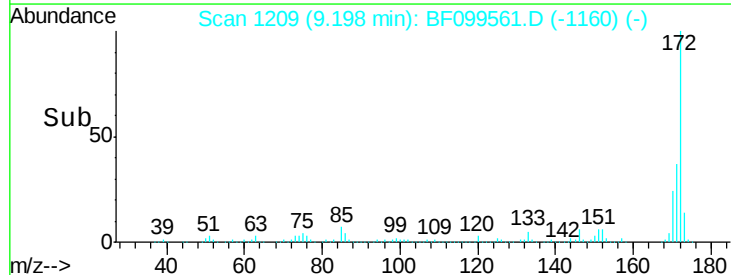
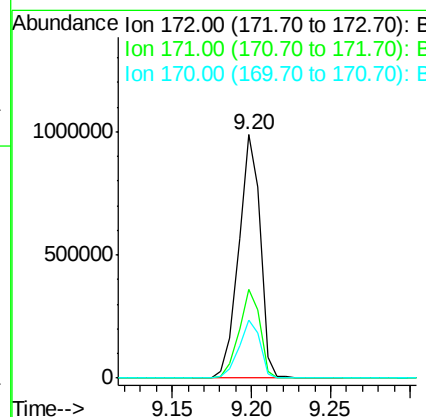
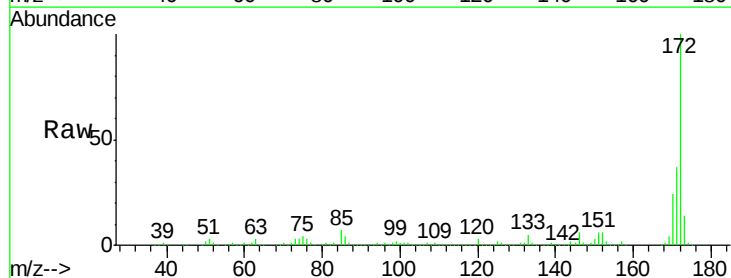
Instrument :
 BNA_F
 ClientSampled :

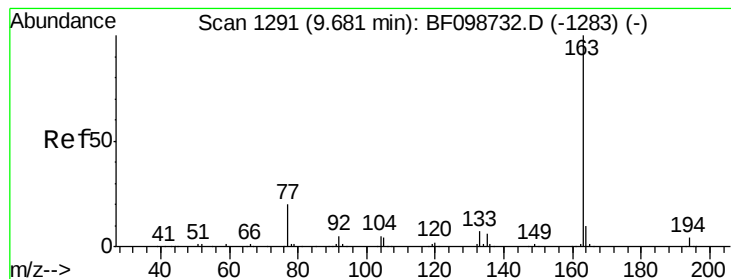
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	37.7	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 81.29 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF099561.D
 Acq: 16 Oct 2017 23:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	23.9	19.6	29.4





#49

Dimethylphthalate

Concen: 16.33 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF099561.D

Acq: 16 Oct 2017 23:12

Instrument :

BNA_F

ClientSampleId :

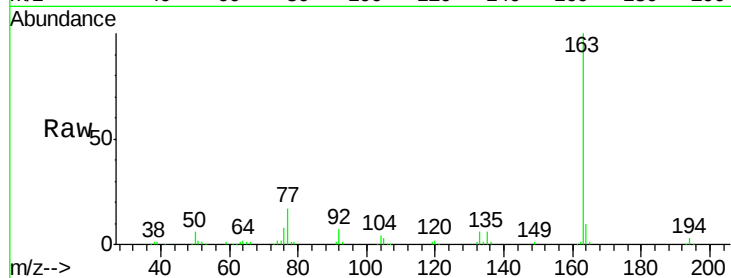
Tot Ion:163 Resp: 235101

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

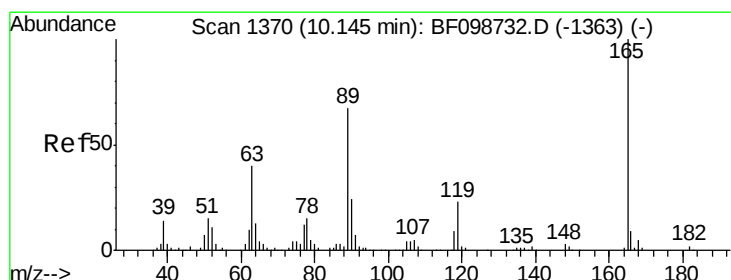
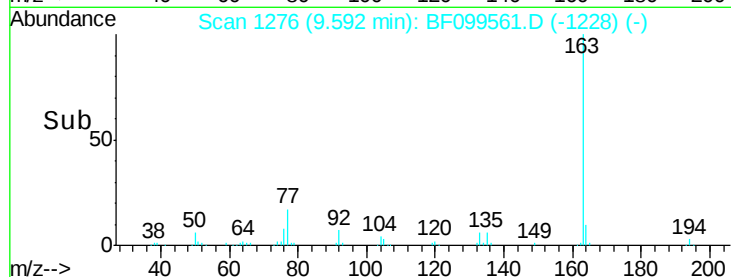
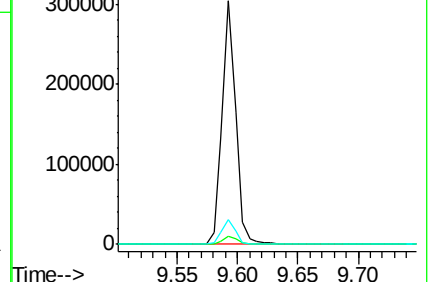
164 10.0 8.2 12.2



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: 5.89 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.21 min

Lab File: BF099561.D

Acq: 16 Oct 2017 23:12

Tgt Ion:165 Resp: 23972

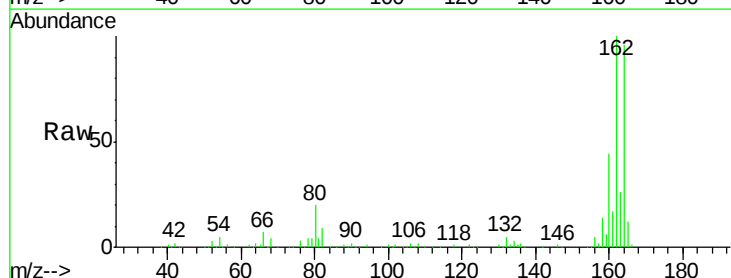
Ion Ratio Lower Upper

165 100

63 1.4 36.4 54.6#

89 1.7 57.8 86.6#

182 0.0 1.6 2.4#

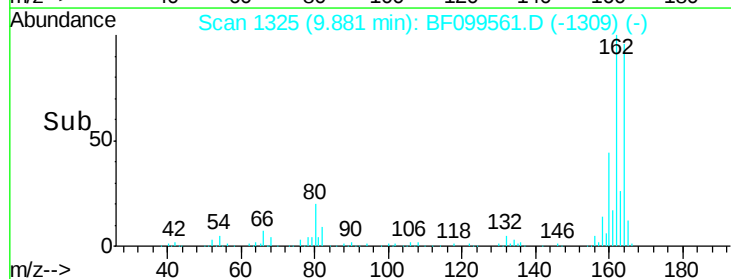
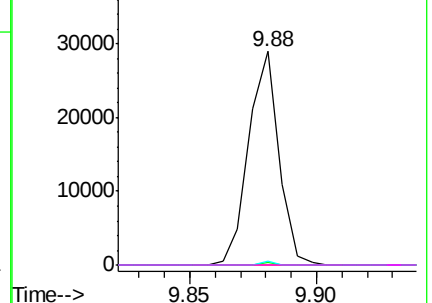


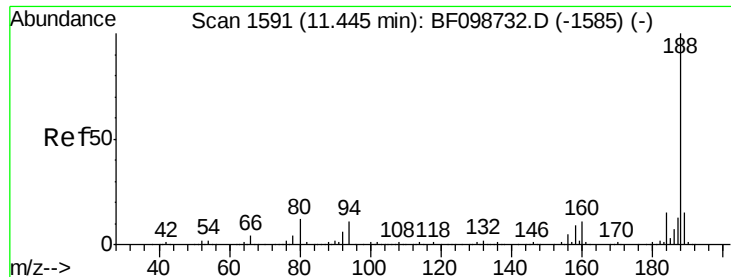
Abundance Ion 165.00 (164.70 to 165.70): E

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

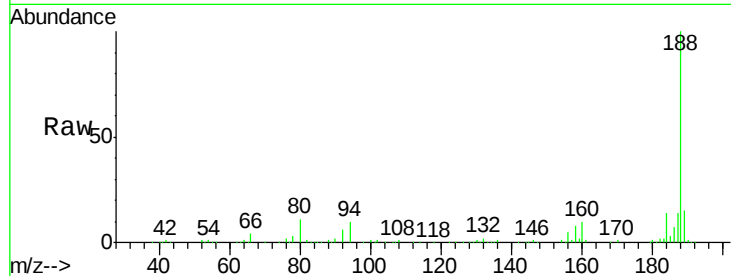




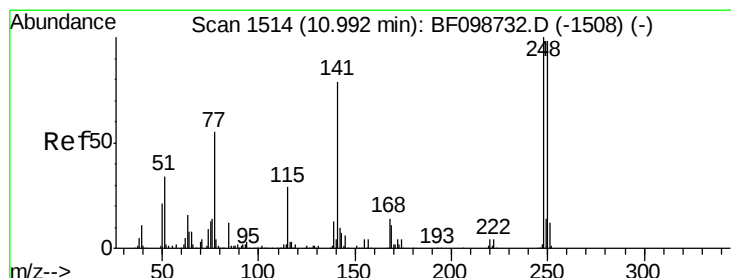
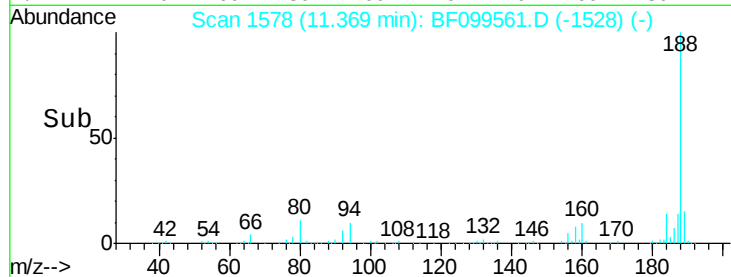
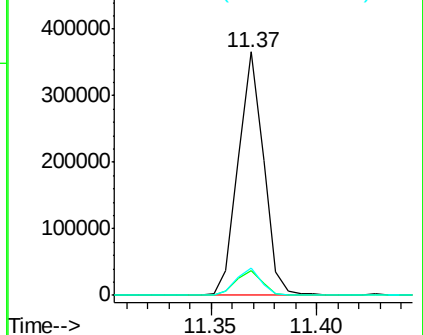
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF099561.D
 Acq: 16 Oct 2017 23:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 304573
 Ion Ratio Lower Upper
 188 100
 94 10.3 8.5 12.7
 80 11.0 9.2 13.8

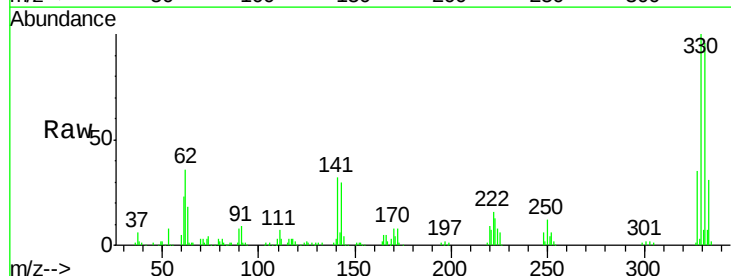


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

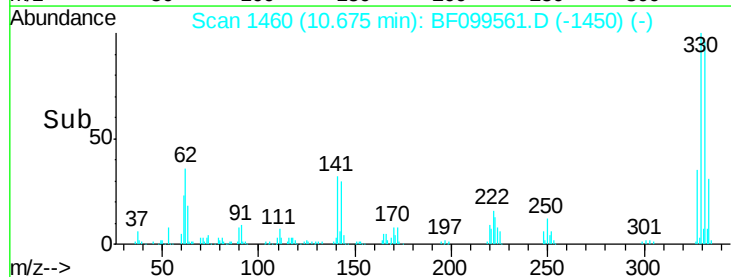
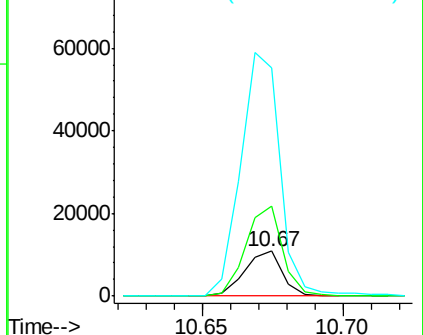


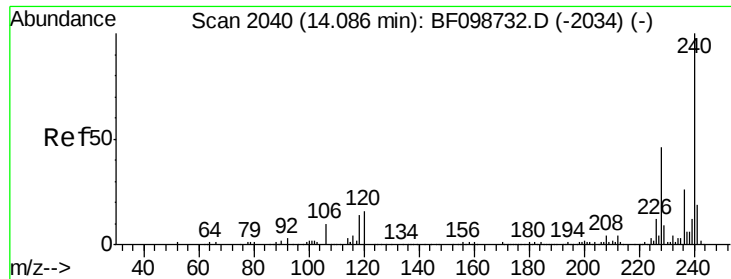
#66
 4-Bromophenyl-phenylether
 Concen: 3.33 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.24 min
 Lab File: BF099561.D
 Acq: 16 Oct 2017 23:12

Tgt Ion:248 Resp: 9932
 Ion Ratio Lower Upper
 248 100
 250 199.6 76.9 115.3#
 141 505.7 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

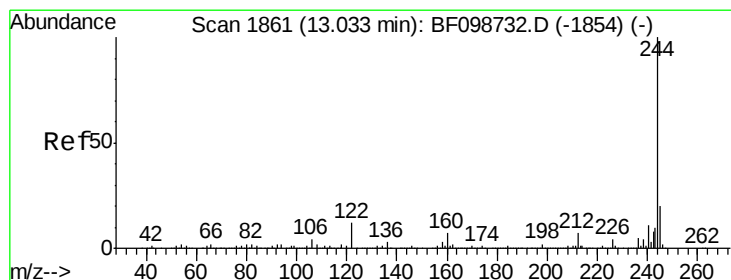
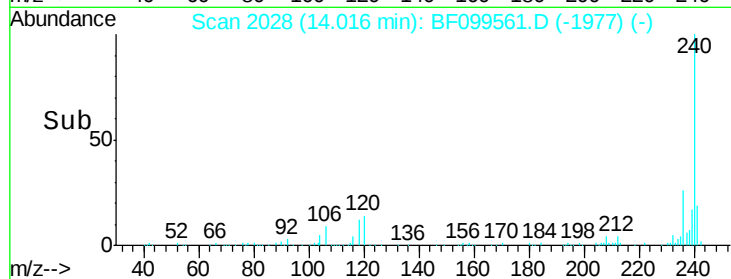
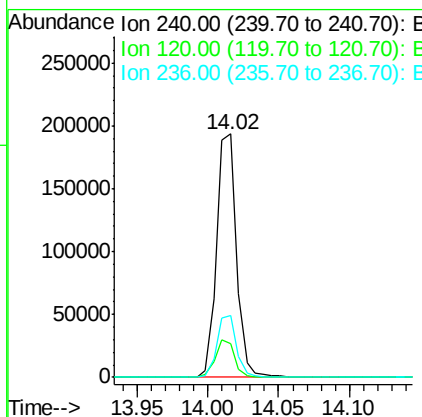
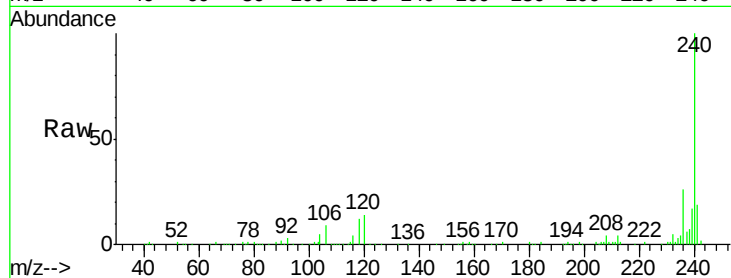




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF099561.D
 Acq: 16 Oct 2017 23:12

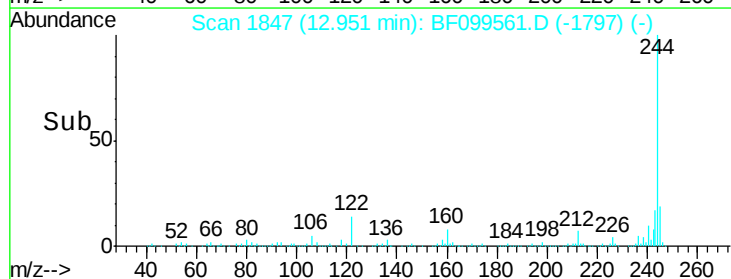
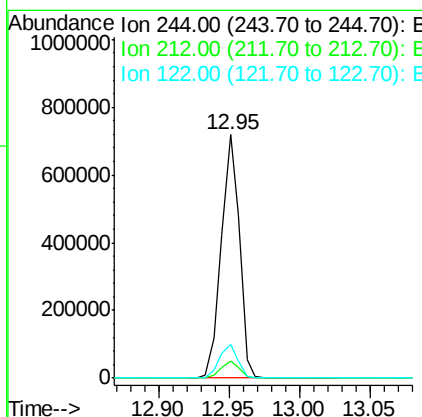
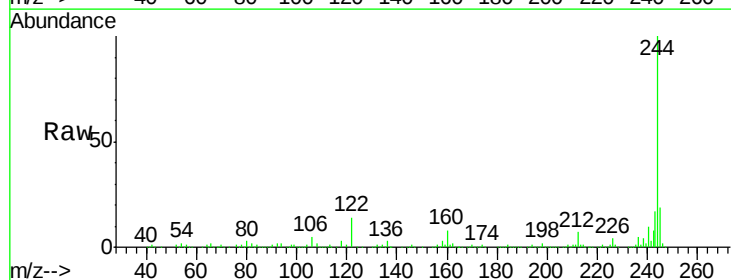
Instrument :
 BNA_F
 ClientSampleId :

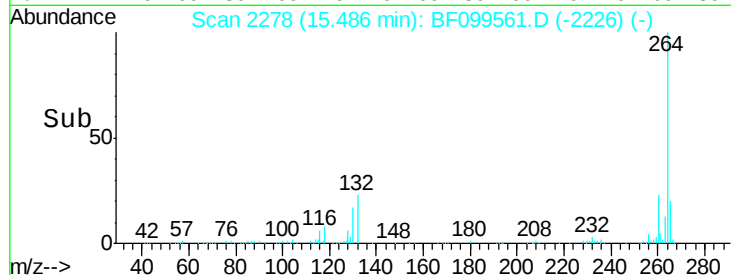
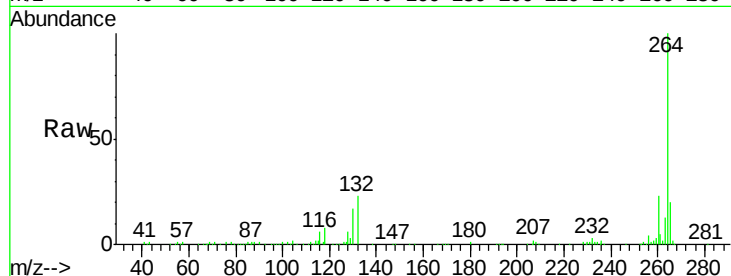
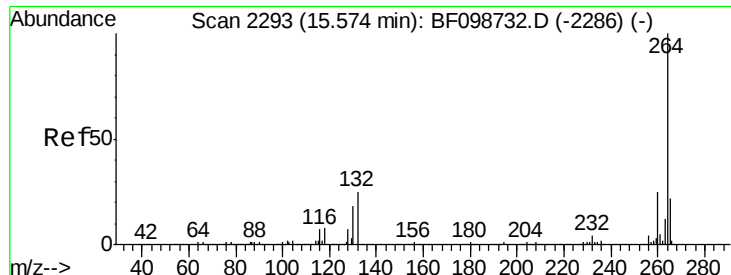
Tot Ion:240 Resp: 189957
 Ion Ratio Lower Upper
 240 100
 120 13.6 9.5 14.3
 236 25.6 20.7 31.1



#78
 Terphenyl-d14
 Concen: 76.92 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF099561.D
 Acq: 16 Oct 2017 23:12

Tgt Ion:244 Resp: 642485
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.8 11.0 16.4





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BF099561.D
 Acq: 16 Oct 2017 23:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	195633
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.5	17.5	26.3

