

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099362.D
 Acq On : 11 Oct 2017 23:30
 Operator : SJ/JU
 Sample : I5710-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 00:53:35 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

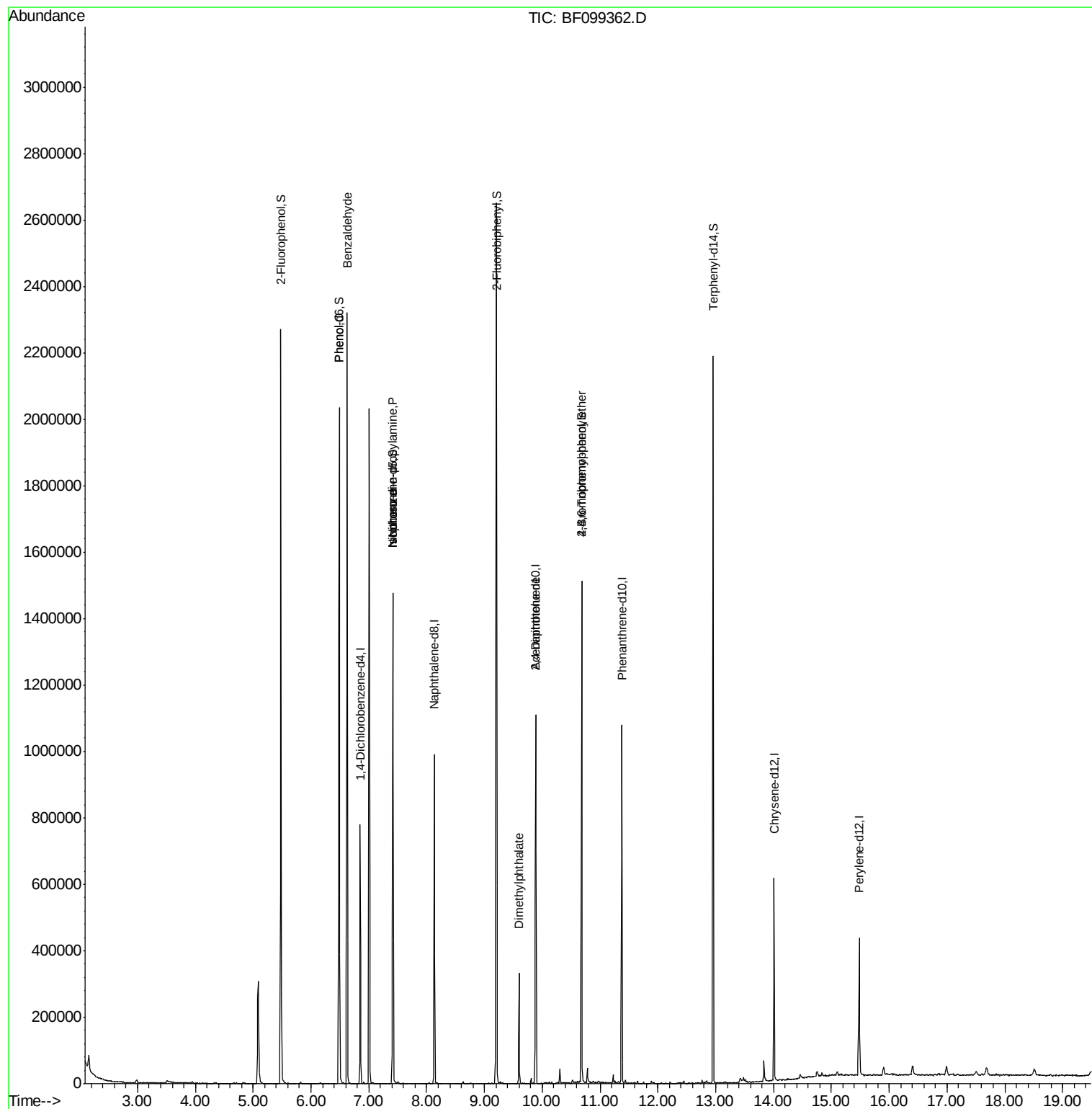
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	109319	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	447756	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	203339	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	352337	20.00	ng	0.00
75) Chrysene-d12	14.01	240	186942	20.00	ng	0.00
86) Perylene-d12	15.48	264	171557	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	719937	104.84	ng	0.01
7) Phenol-d6	6.49	99	854213	100.83	ng	0.00
23) Nitrobenzene-d5	7.42	82	509849	73.02	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	176846	106.29	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	933263	76.62	ng	0.00
78) Terphenyl-d14	12.96	244	688058	83.70	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.63	77	13735	2.80	ng	88
10) Phenol	6.50	94	27536	2.91	ng	95
19) n-Nitroso-di-n-propylamine	7.42	70	64490	11.92	ng	# 75
25) Isophorone	7.42	82	509928	35.33	ng	# 64
49) Dimethylphthalate	9.60	163	129187	8.42	ng	99
56) 2,4-Dinitrotoluene	9.89	165	25825	5.96	ng	# 22
66) 4-Bromophenyl-phenylether	10.68	248	11588	3.36	ng	# 1

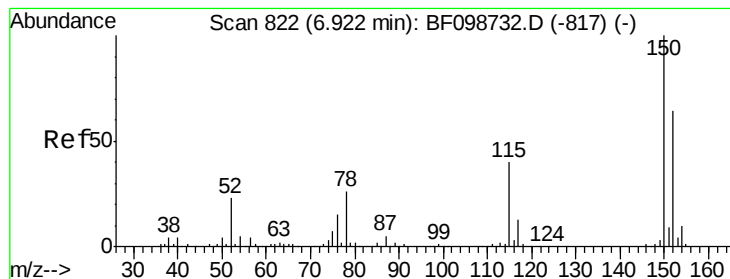
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF099362.D

Acq: 11 Oct 2017 23:30

Instrument :

BNA_F

ClientSampled :

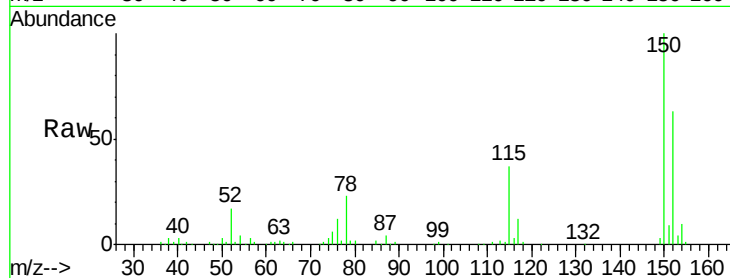
Tot Ion:152 Resp: 109319

Ion Ratio Lower Upper

152 100

150 159.6 124.6 186.8

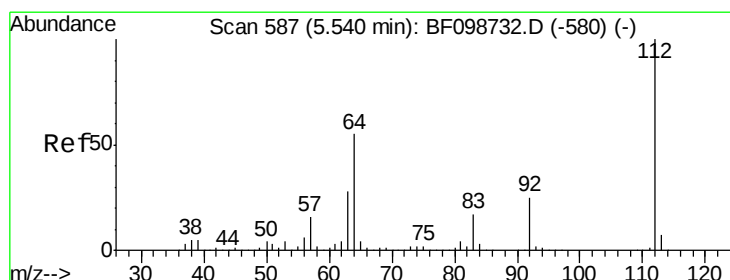
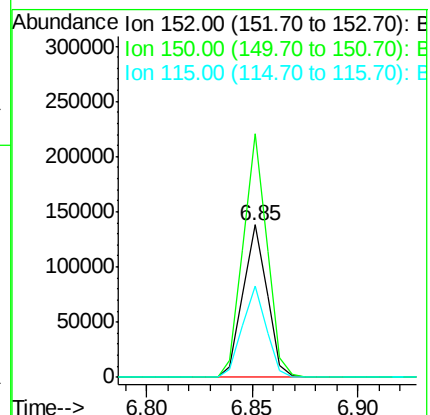
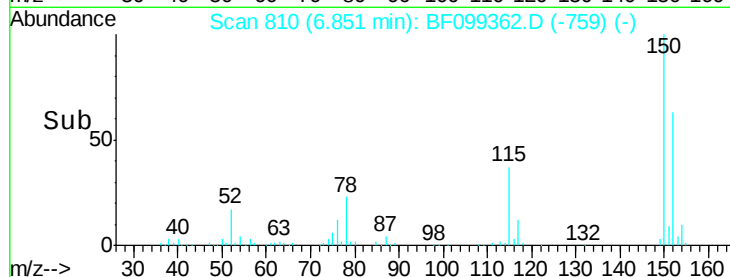
115 59.7 50.1 75.1



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: 104.84 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF099362.D

Acq: 11 Oct 2017 23:30

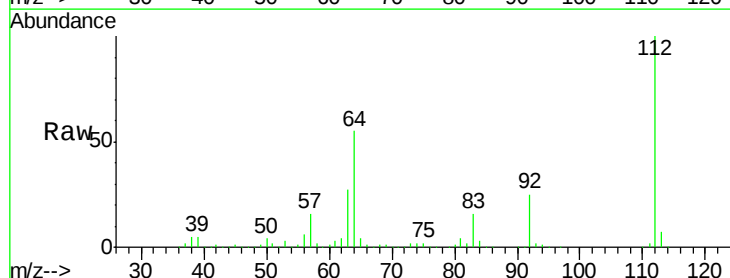
Tgt Ion:112 Resp: 719937

Ion Ratio Lower Upper

112 100

64 55.3 47.9 71.9

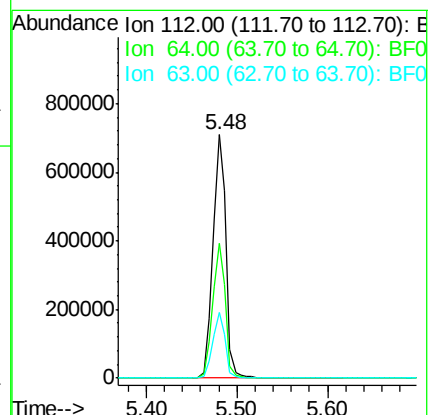
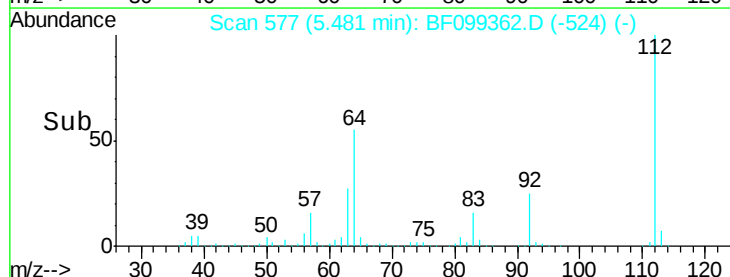
63 26.9 23.7 35.5

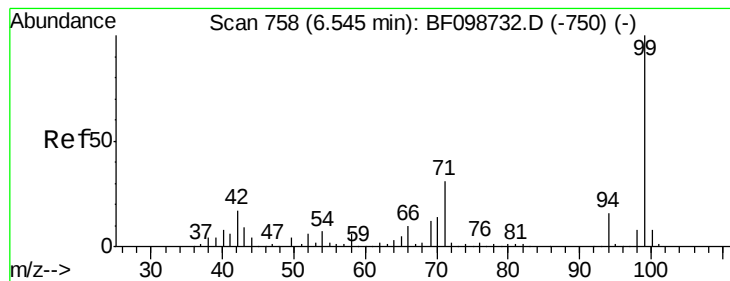


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 100.83 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099362.D

Acq: 11 Oct 2017 23:30

Instrument :

BNA_F

ClientSampled :

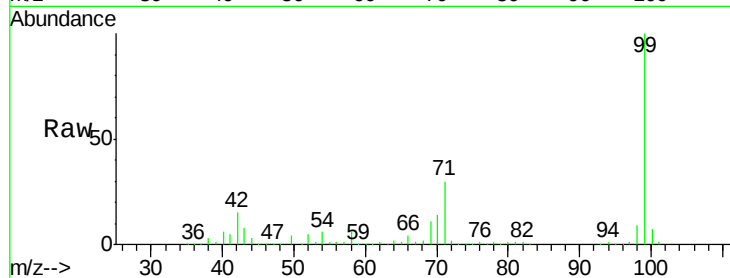
Tot Ion: 99 Resp: 854213

Ion Ratio Lower Upper

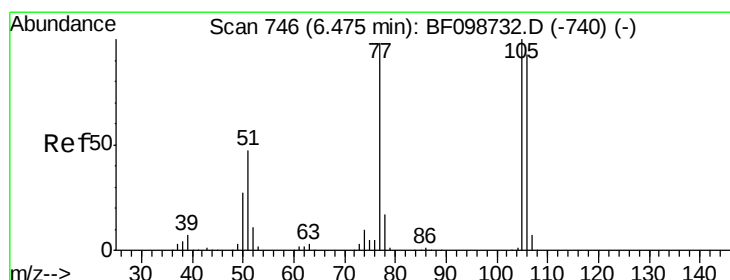
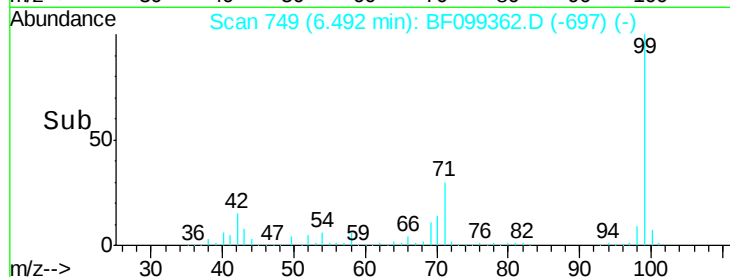
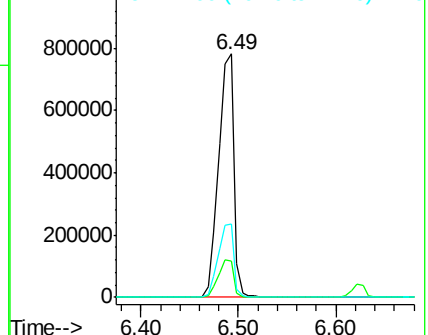
99 100

42 14.8 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: 2.80 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.22 min

Lab File: BF099362.D

Acq: 11 Oct 2017 23:30

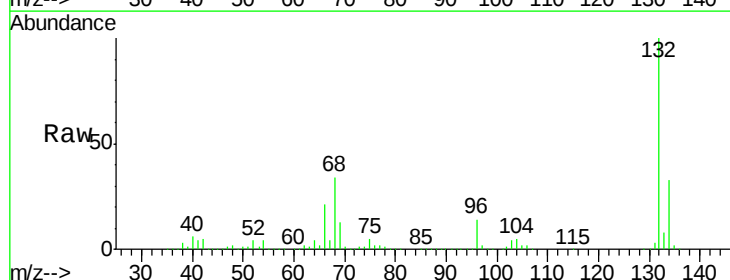
Tgt Ion: 77 Resp: 13735

Ion Ratio Lower Upper

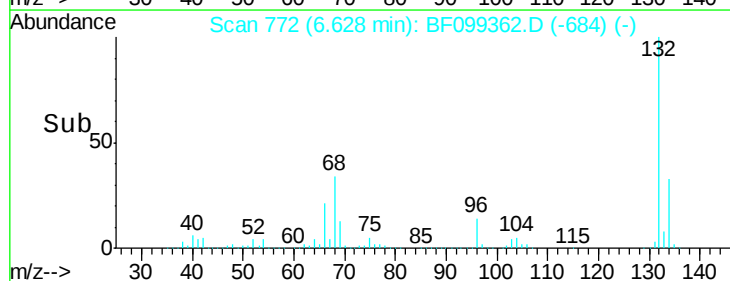
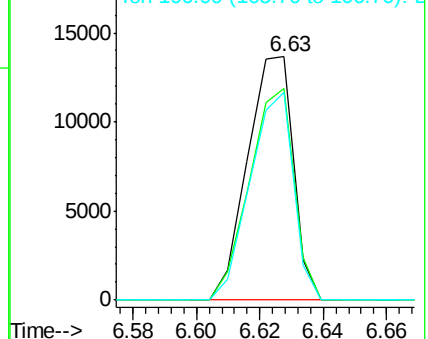
77 100

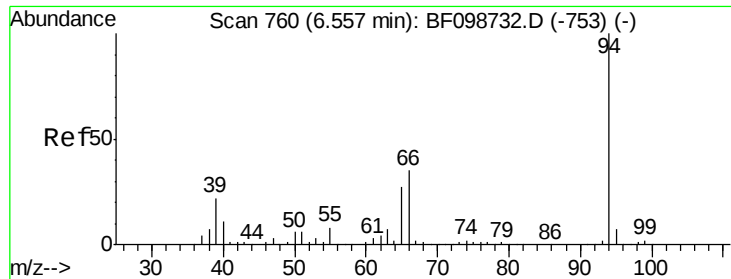
105 87.1 81.1 121.1

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

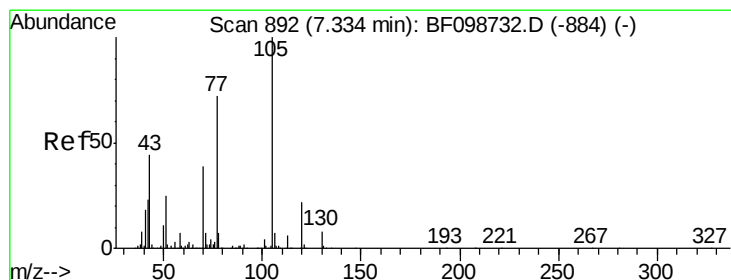
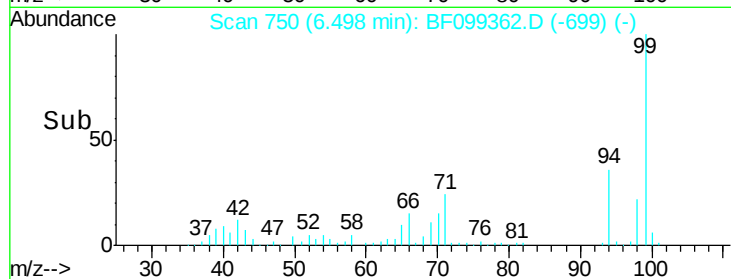
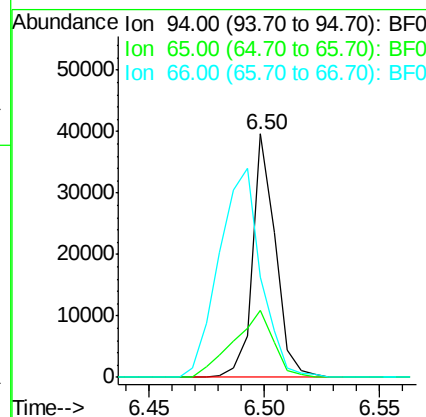
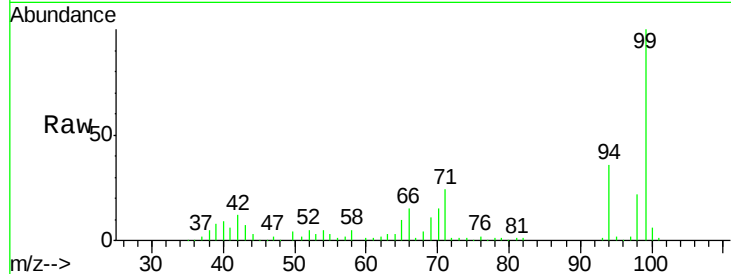




#10
Phenol
Concen: 2.91 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF099362.D
Acq: 11 Oct 2017 23:30

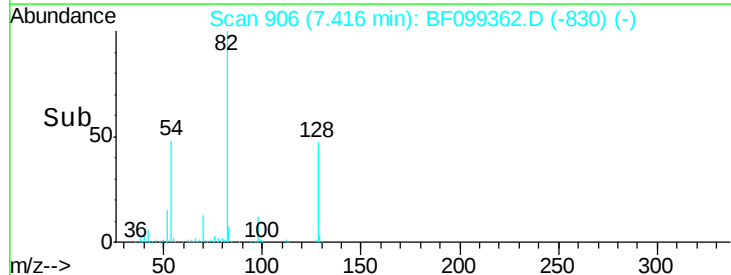
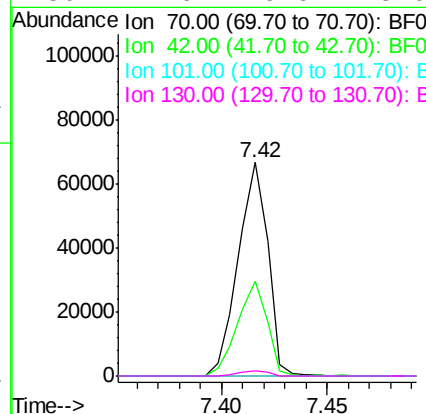
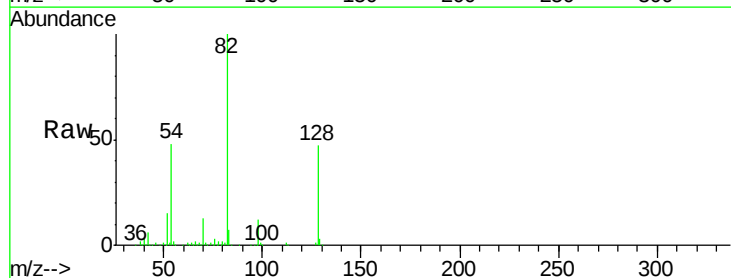
Instrument :
BNA_F
ClientSampled :

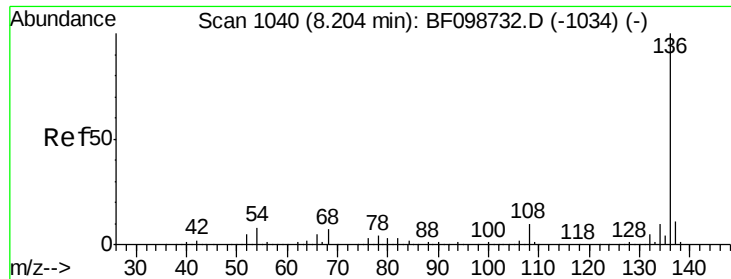
Tot Ion: 94 Resp: 27536
Ion Ratio Lower Upper
94 100
65 27.3 7.9 47.9
66 41.3 16.2 56.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.92 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF099362.D
Acq: 11 Oct 2017 23:30

Tgt Ion: 70 Resp: 64490
Ion Ratio Lower Upper
70 100
42 44.4 47.5 71.3#
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#

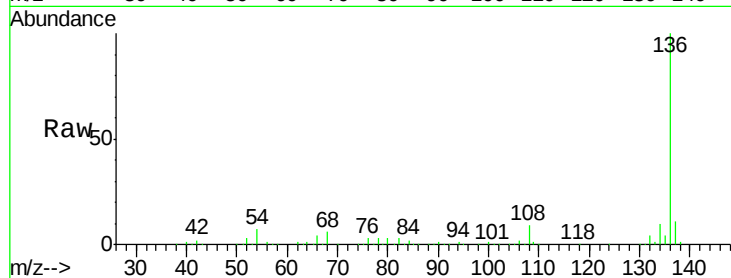




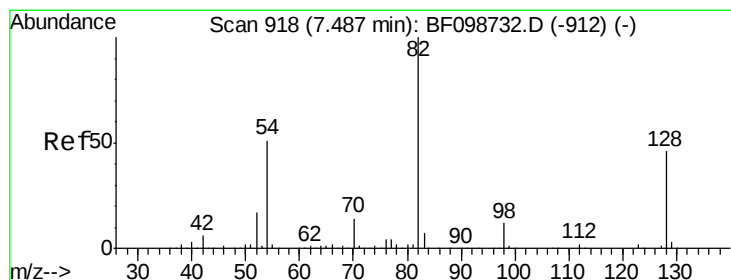
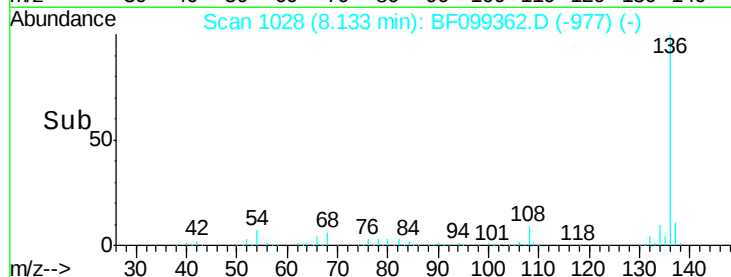
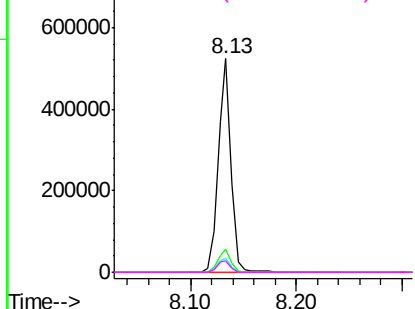
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF099362.D
Acq: 11 Oct 2017 23:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	447756
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	6.7	6.6 9.8
68	5.6	5.0 7.4

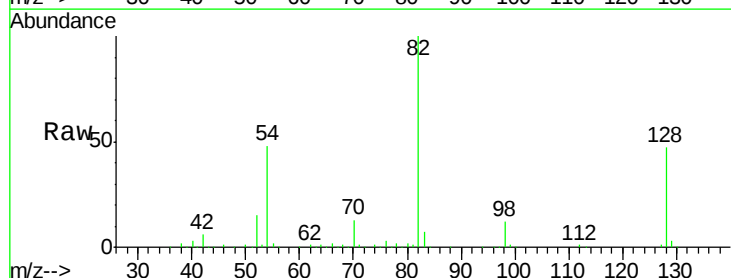


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

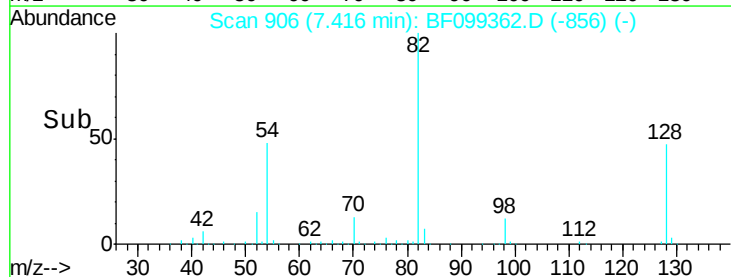
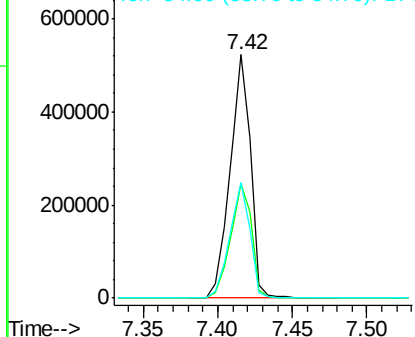


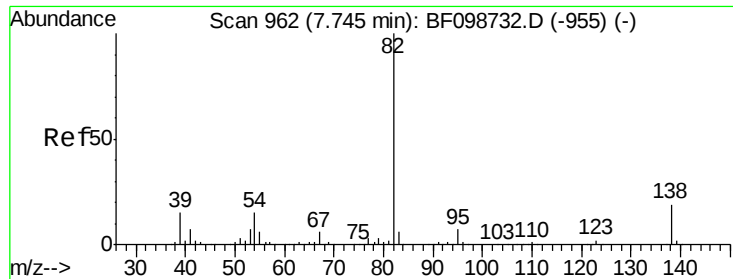
#23
Nitrobenzene-d5
Concen: 73.02 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099362.D
Acq: 11 Oct 2017 23:30

Tgt Ion: 82	Resp:	509849
Ion Ratio	Lower	Upper
82	100	
128	47.1	36.1 54.1
54	47.7	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: 35.33 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF099362.D

Acq: 11 Oct 2017 23:30

Instrument :

BNA_F

ClientSampleId :

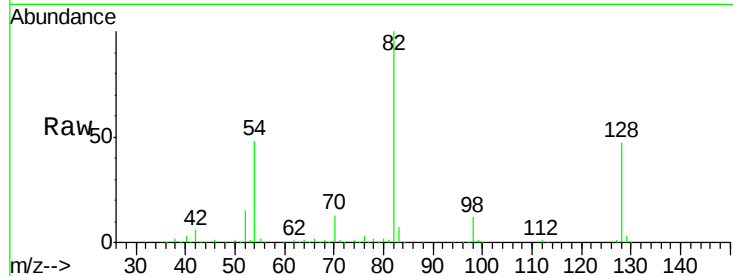
Tot Ion: 82 Resp: 509928

Ion Ratio Lower Upper

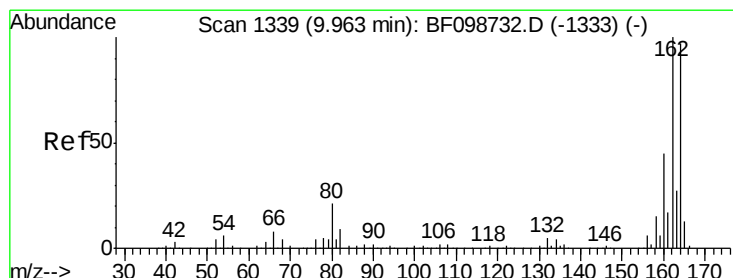
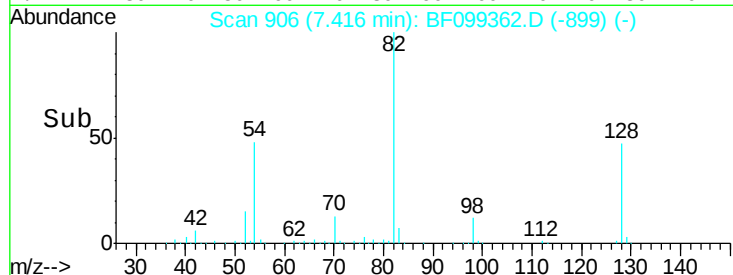
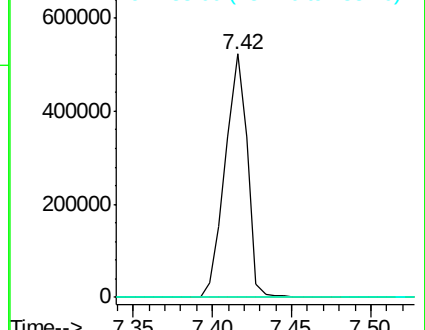
82 100

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: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099362.D

Acq: 11 Oct 2017 23:30

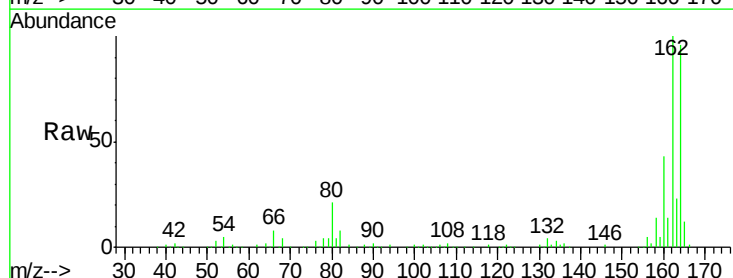
Tgt Ion: 164 Resp: 203339

Ion Ratio Lower Upper

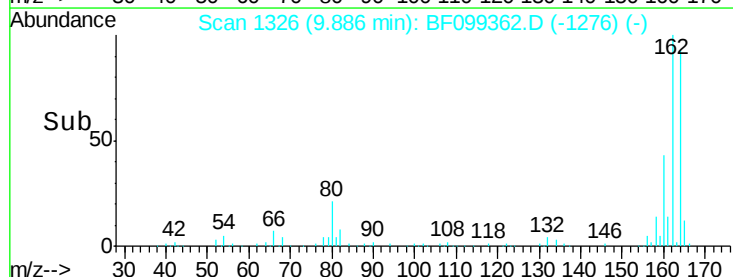
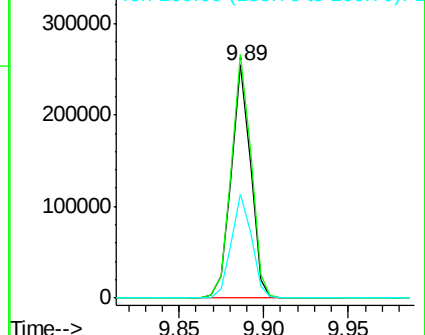
164 100

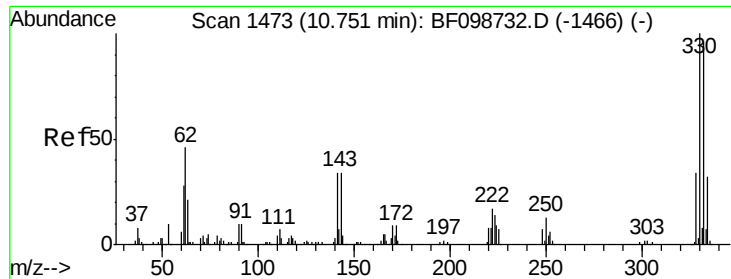
162 104.6 86.1 129.1

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

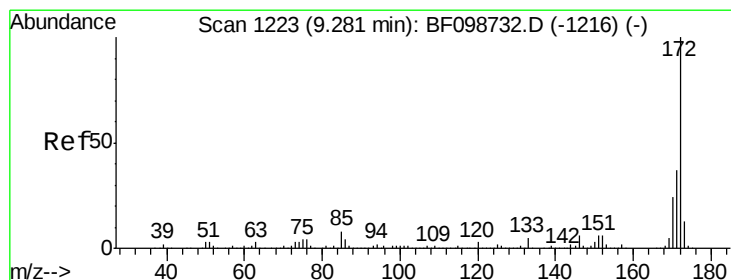
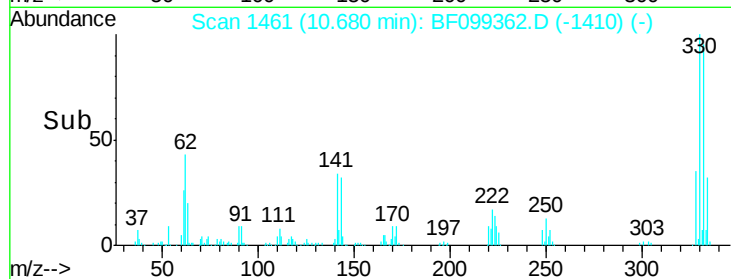
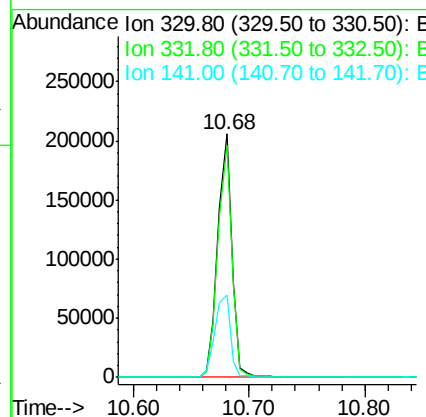
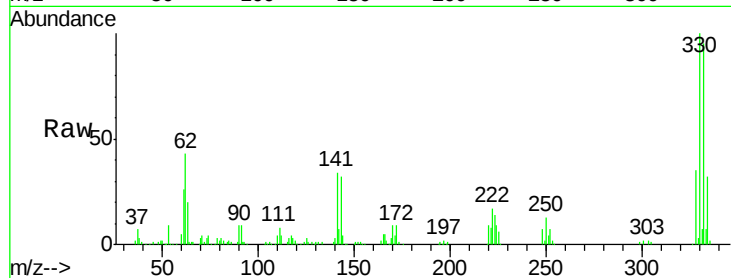




#41
 2,4,6-Tribromophenol
 Concen: 106.29 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BF099362.D
 Acq: 11 Oct 2017 23:30

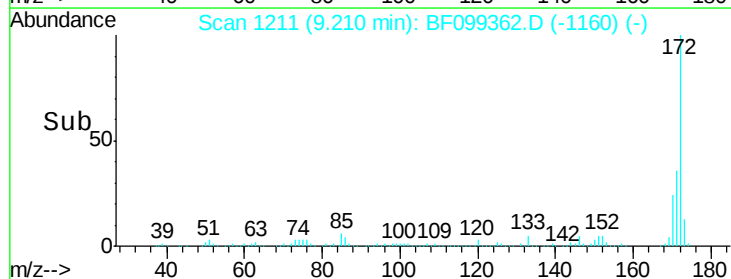
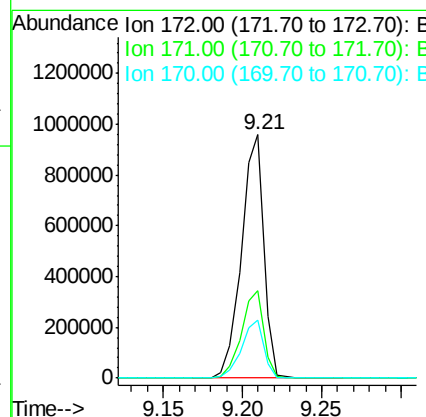
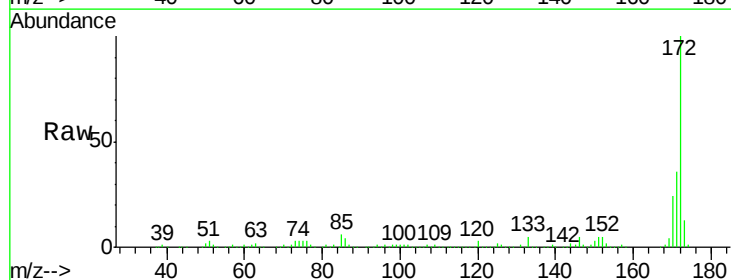
Instrument :
 BNA_F
 ClientSampleId :

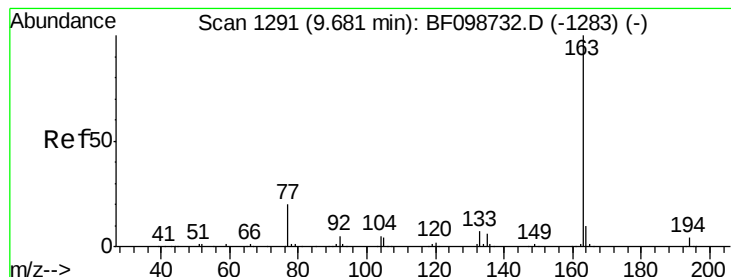
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	37.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 76.62 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099362.D
 Acq: 11 Oct 2017 23:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.9	19.6	29.4





#49

Dimethylphthalate

Concen: 8.42 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF099362.D

Acq: 11 Oct 2017 23:30

Instrument :

BNA_F

ClientSampleId :

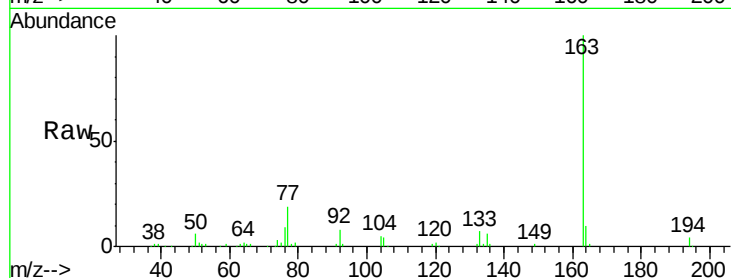
Tot Ion:163 Resp: 129187

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

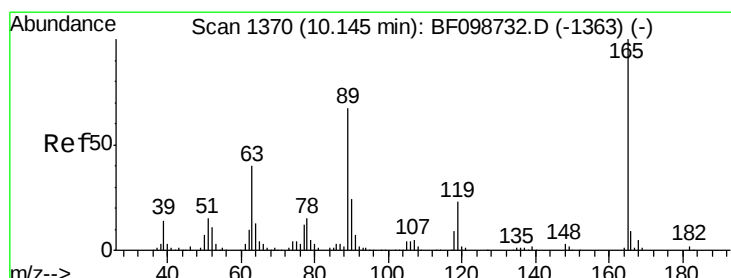
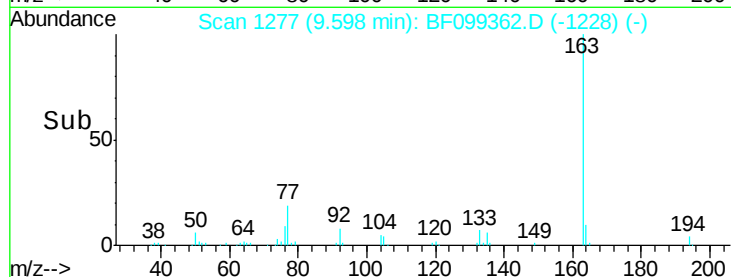
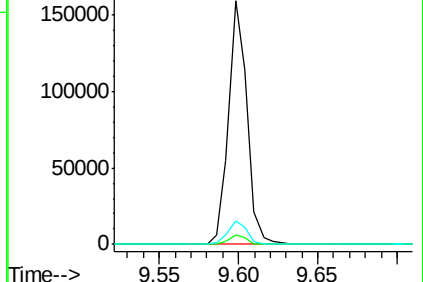
164 9.8 8.2 12.2



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: 5.96 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.20 min

Lab File: BF099362.D

Acq: 11 Oct 2017 23:30

Tgt Ion:165 Resp: 25825

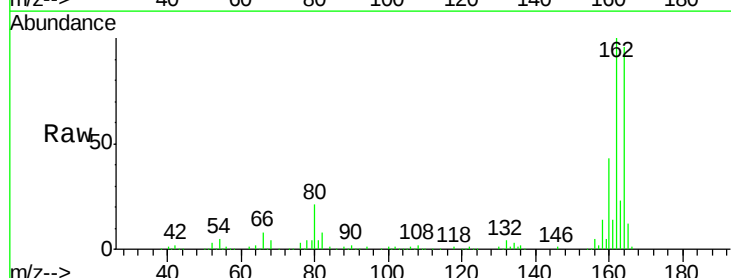
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 1.2 57.8 86.6#

182 0.0 1.6 2.4#

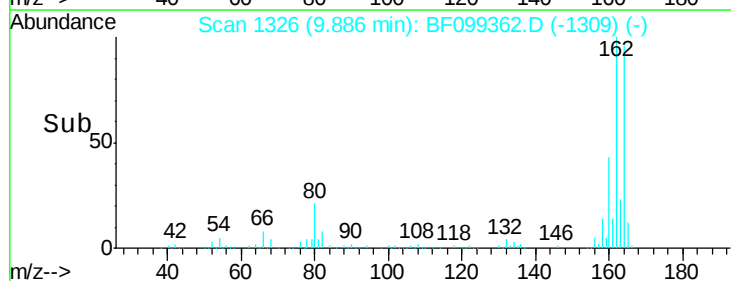
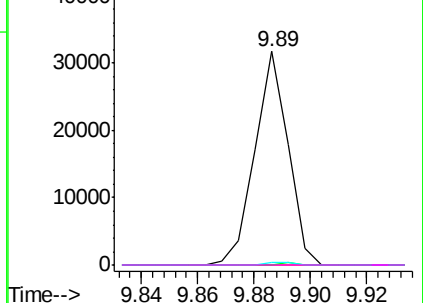


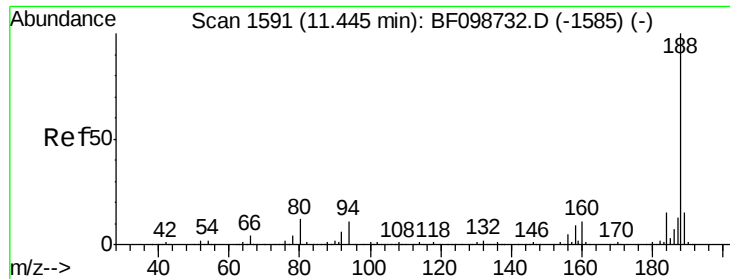
Abundance Ion 165.00 (164.70 to 165.70): E

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

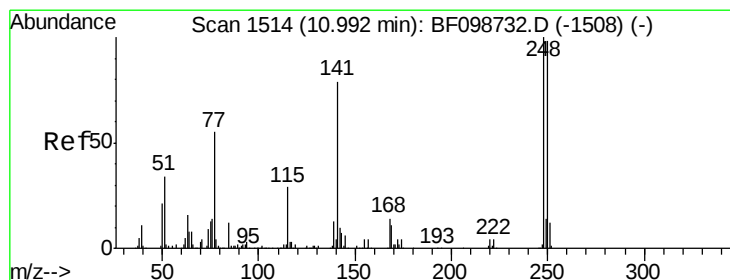
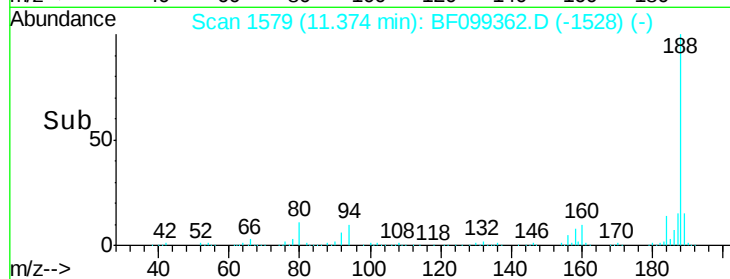
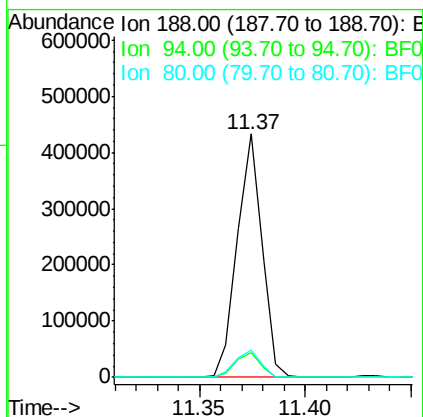
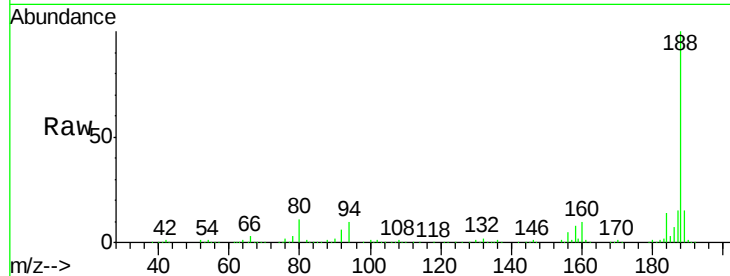




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF099362.D
Acq: 11 Oct 2017 23:30

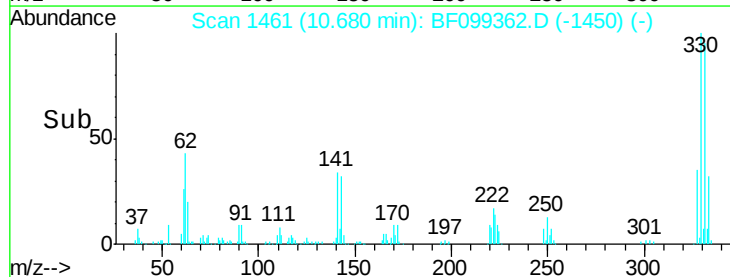
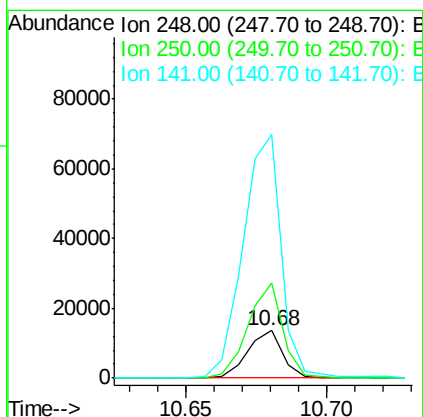
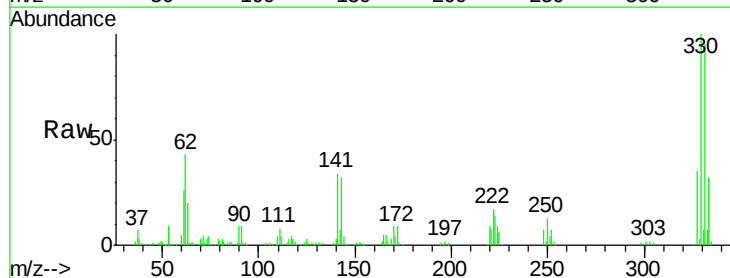
Instrument :
BNA_F
ClientSampled :

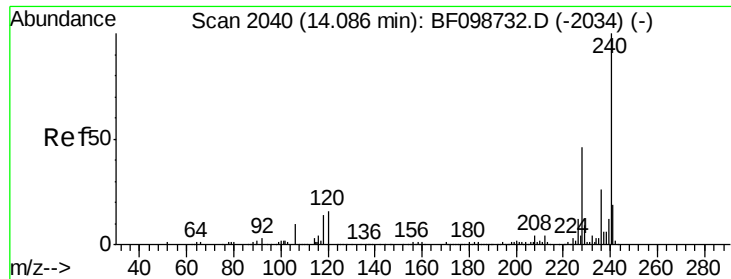
Tot Ion:188 Resp: 352337
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.0 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.36 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF099362.D
Acq: 11 Oct 2017 23:30

Tgt Ion:248 Resp: 11588
Ion Ratio Lower Upper
248 100
250 200.3 76.9 115.3#
141 514.8 74.4 111.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF099362.D

Acq: 11 Oct 2017 23:30

Instrument :

BNA_F

ClientSampleId :

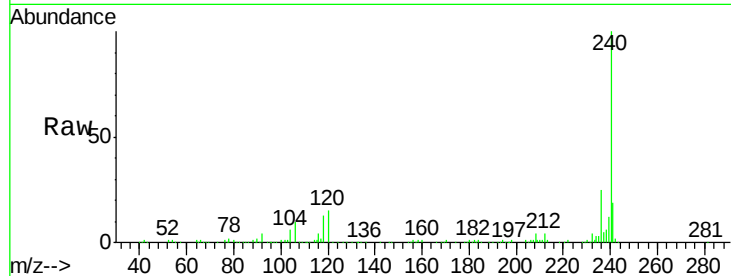
Tot Ion:240 Resp: 186942

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

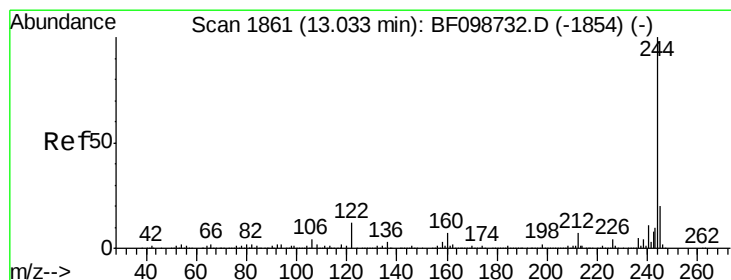
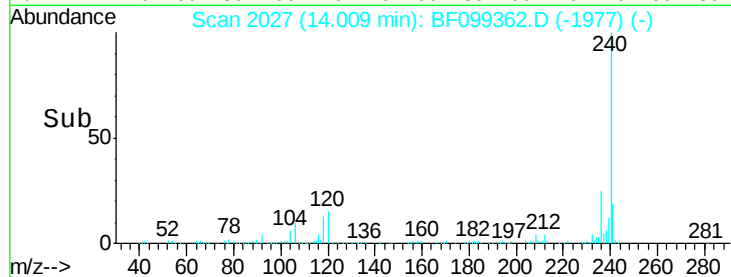
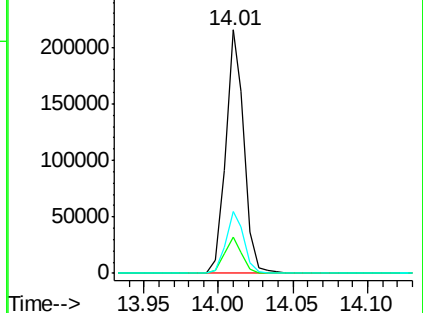
236 25.3 20.7 31.1



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: 83.70 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF099362.D

Acq: 11 Oct 2017 23:30

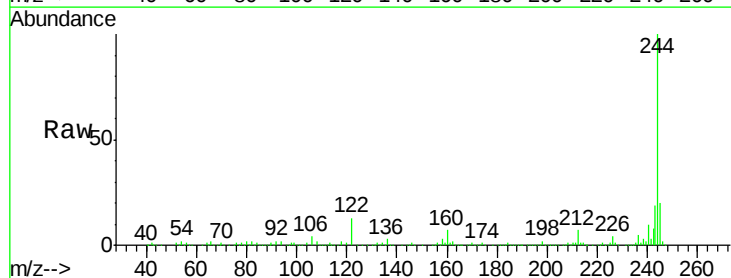
Tgt Ion:244 Resp: 688058

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

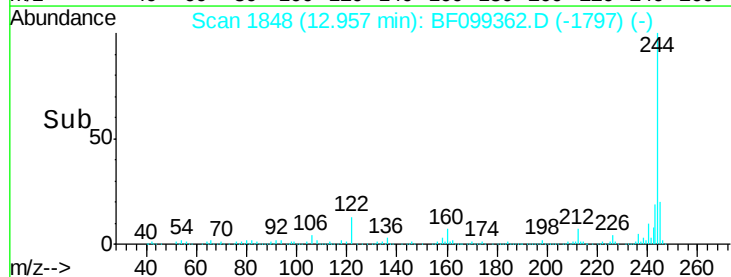
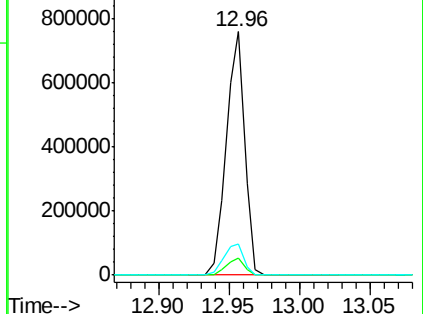
122 12.7 11.0 16.4

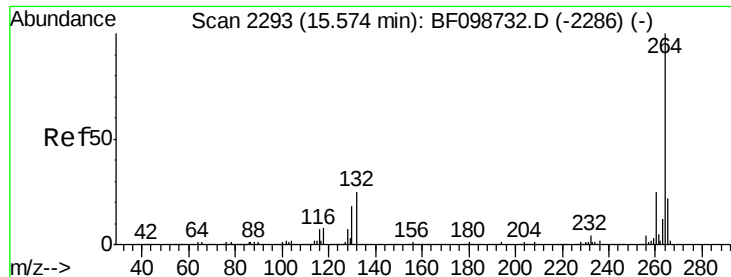


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

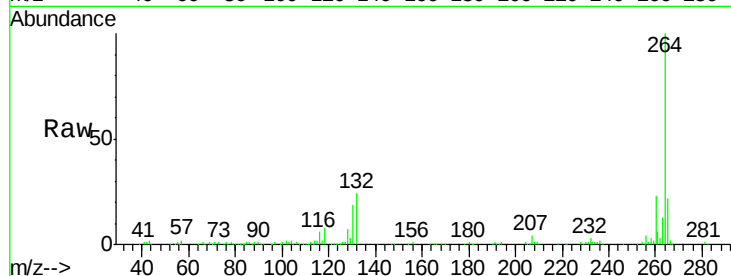




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BF099362.D
Acq: 11 Oct 2017 23:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.3	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

