

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099364.D
 Acq On : 12 Oct 2017 00:27
 Operator : SJ/JU
 Sample : I5710-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

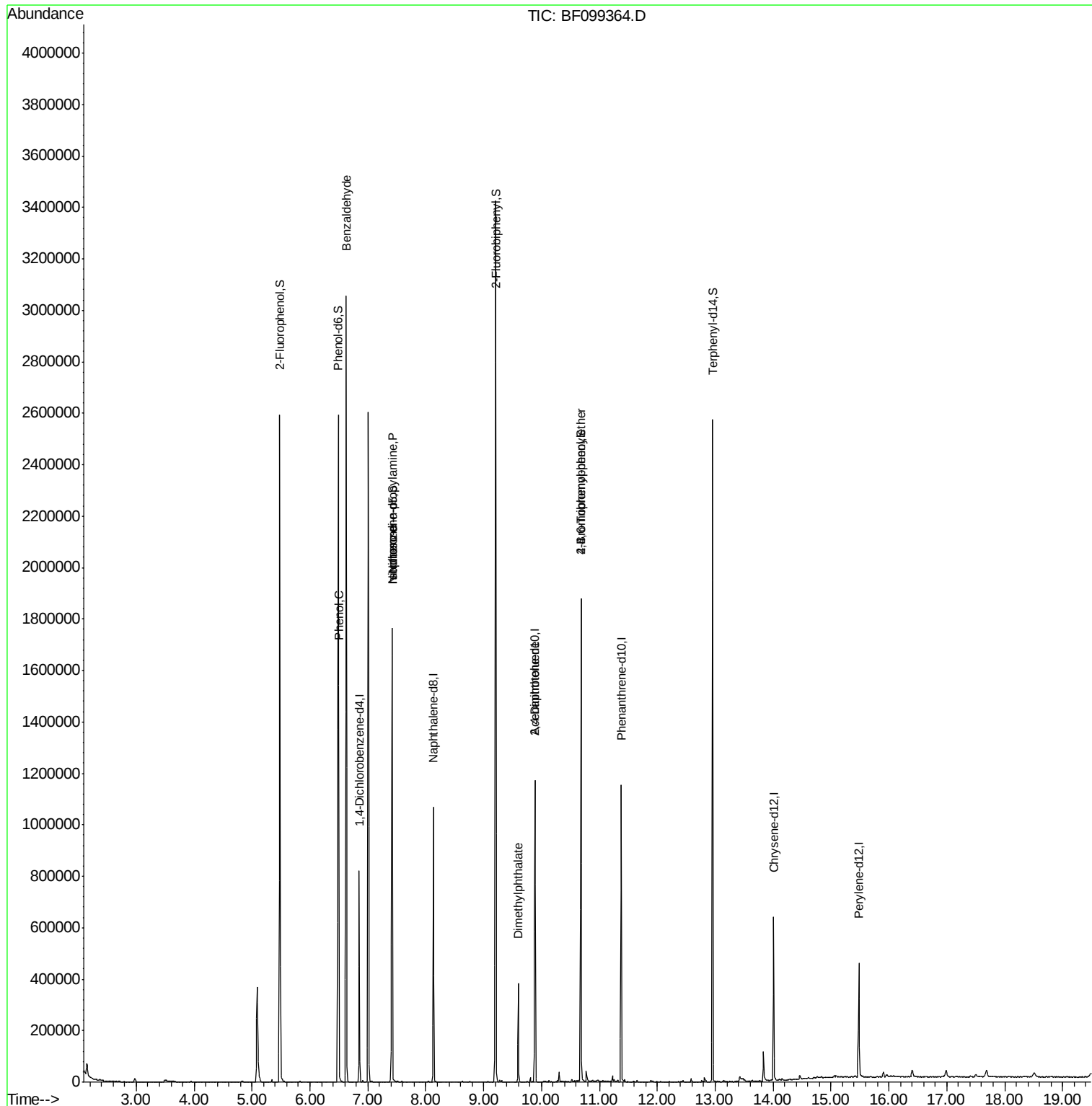
Quant Time: Oct 12 01:39:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

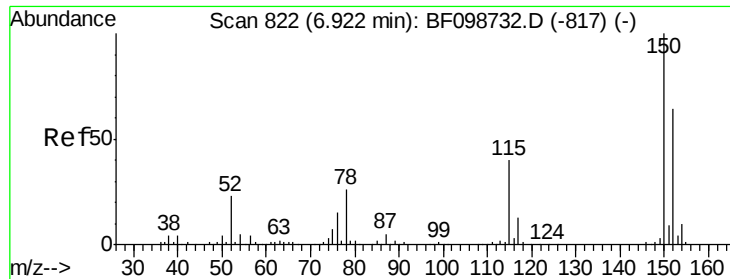
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	118344	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	479877	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	219417	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	375070	20.00	ng	0.00
75) Chrysene-d12	14.01	240	194299	20.00	ng	0.00
86) Perylene-d12	15.48	264	184925	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	937420	126.10	ng	0.02
7) Phenol-d6	6.49	99	1129694	123.18	ng	0.00
23) Nitrobenzene-d5	7.42	82	687608	91.89	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	231496	128.94	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1148664	87.40	ng	0.00
78) Terphenyl-d14	12.96	244	830353	97.19	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.63	77	18017	3.39	ng	90
10) Phenol	6.50	94	30662	2.99	ng	94
19) n-Nitroso-di-n-propylamine	7.42	70	87432	14.93	ng	# 73
25) Isophorone	7.42	82	687600	44.44	ng	# 64
49) Dimethylphthalate	9.60	163	144140	8.70	ng	99
56) 2,4-Dinitrotoluene	9.89	165	27415	5.86	ng	# 23
66) 4-Bromophenyl-phenylether	10.68	248	15185	4.14	ng	# 1

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

```
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Sample    : I5710-06  
Misc      :  
ALS Vial  : 17      Sample Multiplier: 1
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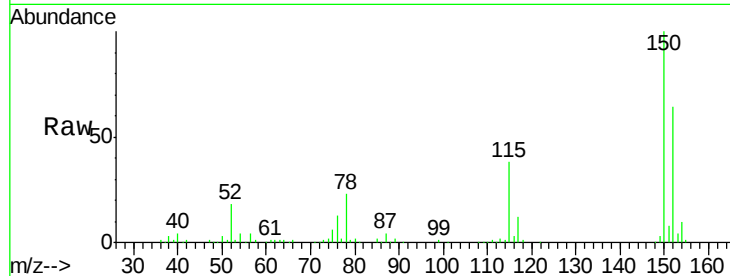


#1

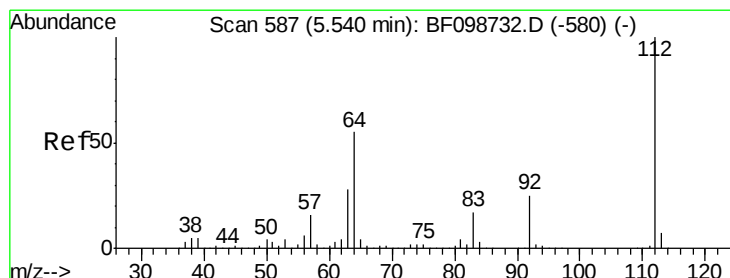
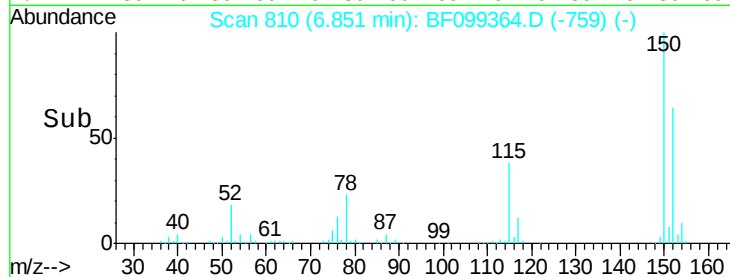
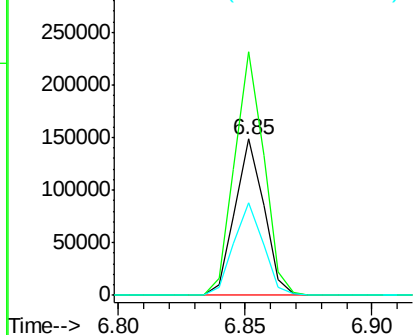
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF099364.D
 Acq: 12 Oct 2017 00:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	59.2	50.1	75.1



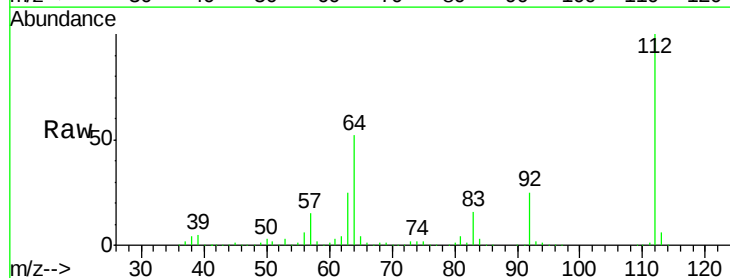
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



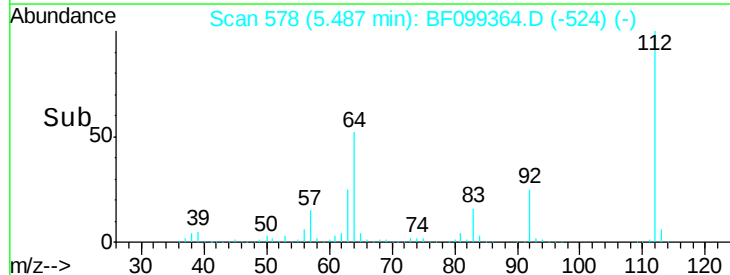
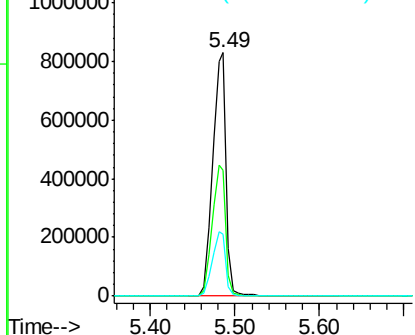
#5

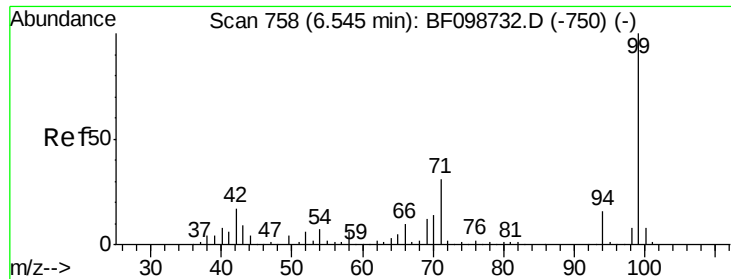
2-Fluorophenol
 Concen: 126.10 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.02 min
 Lab File: BF099364.D
 Acq: 12 Oct 2017 00:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.8	47.9	71.9
63	25.3	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: 123.18 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099364.D

Acq: 12 Oct 2017 00:27

Instrument :

BNA_F

ClientSampled :

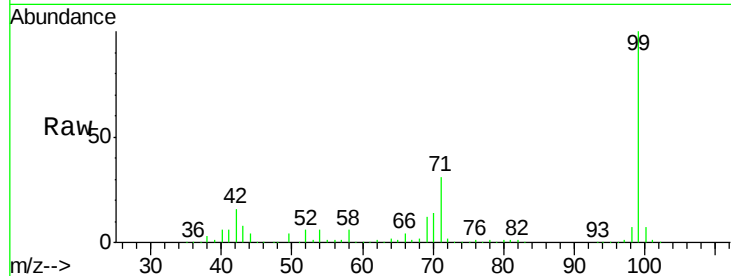
Tot Ion: 99 Resp: 1129694

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

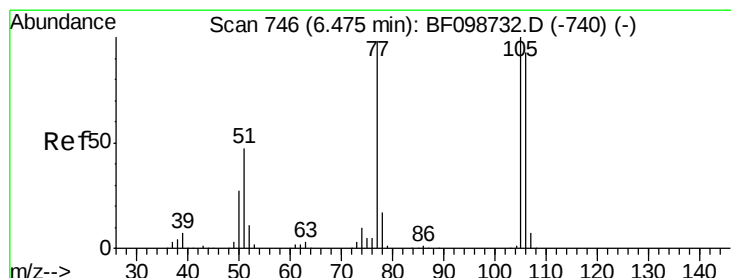
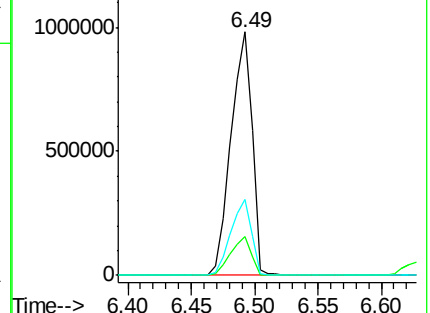
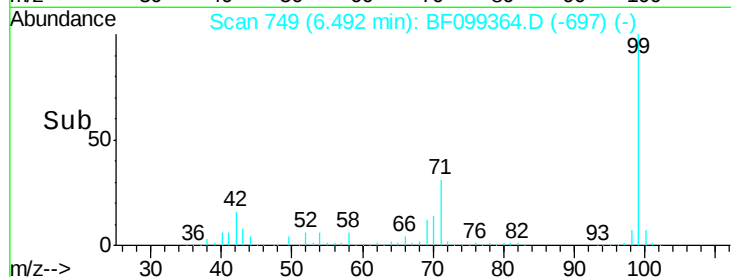
71 31.4 25.4 38.0



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: 3.39 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.22 min

Lab File: BF099364.D

Acq: 12 Oct 2017 00:27

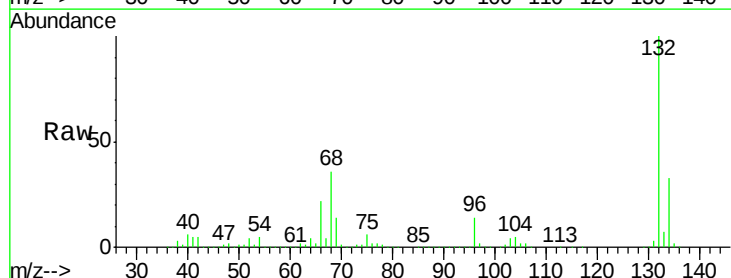
Tgt Ion: 77 Resp: 18017

Ion Ratio Lower Upper

77 100

105 88.1 81.1 121.1

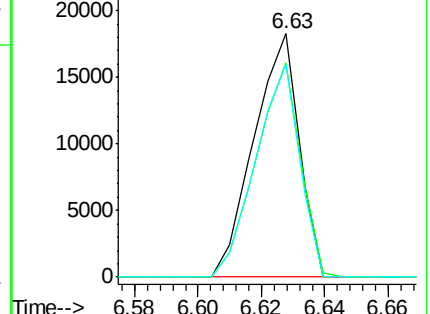
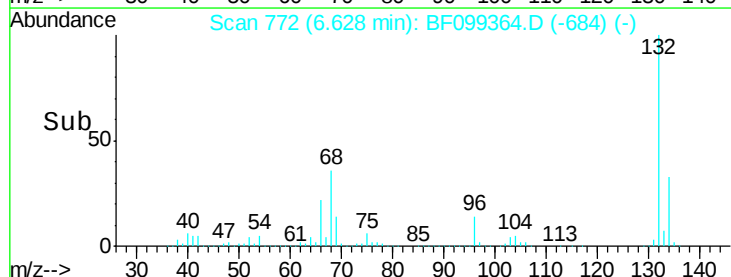
106 87.4 74.5 114.5

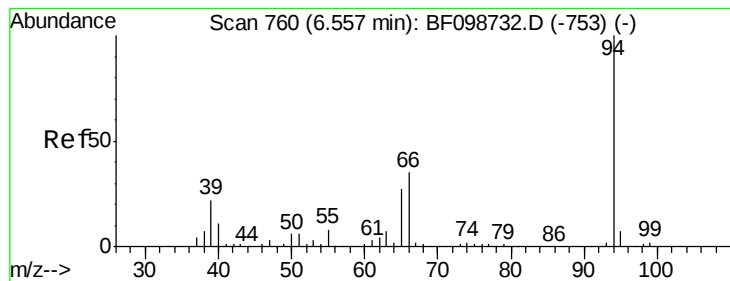


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#10

Phenol

Concen: 2.99 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099364.D

Acq: 12 Oct 2017 00:27

Instrument :

BNA_F

ClientSampled :

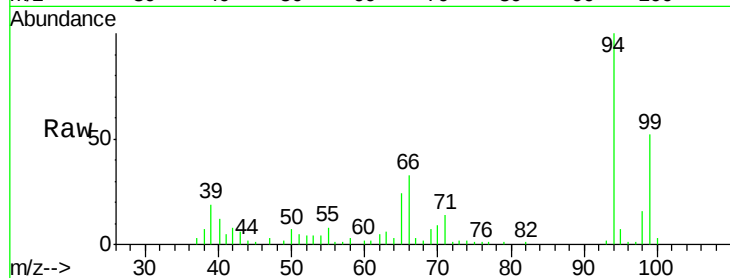
Tot Ion: 94 Resp: 30662

Ion Ratio Lower Upper

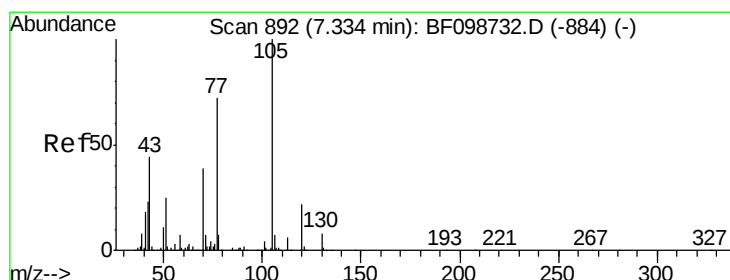
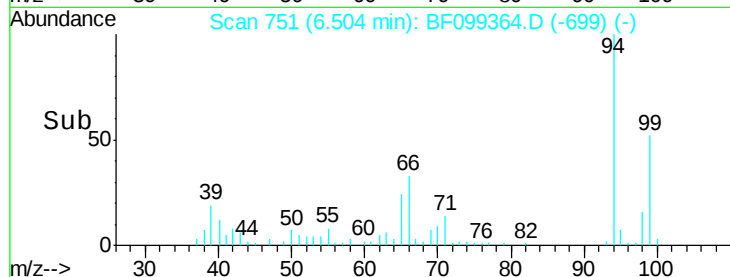
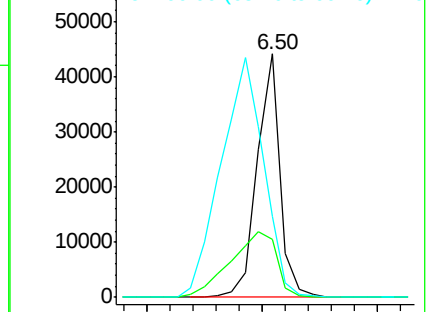
94 100

65 24.0 7.9 47.9

66 33.1 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 14.93 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.15 min

Lab File: BF099364.D

Acq: 12 Oct 2017 00:27

Tgt Ion: 70 Resp: 87432

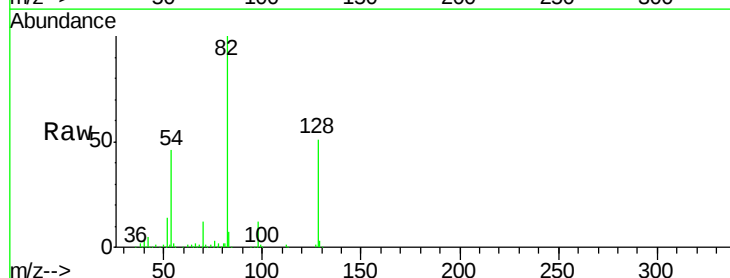
Ion Ratio Lower Upper

70 100

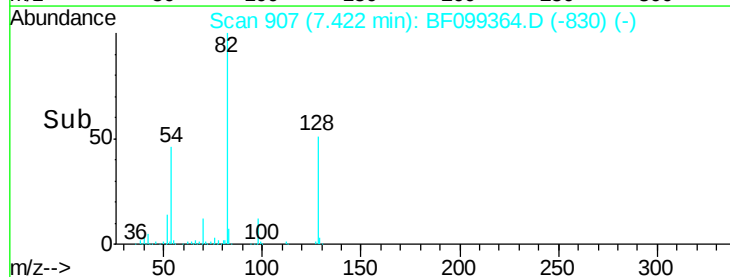
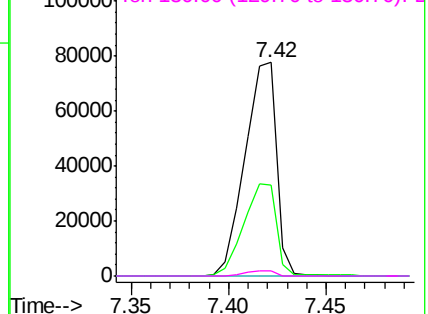
42 42.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0

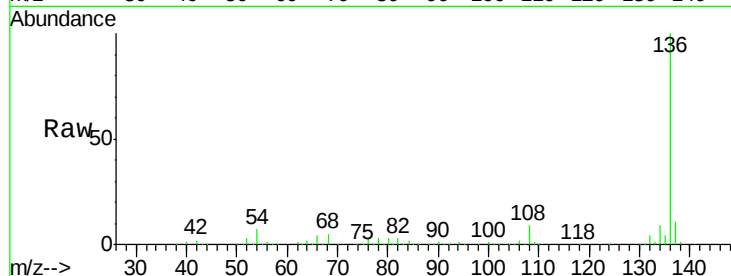




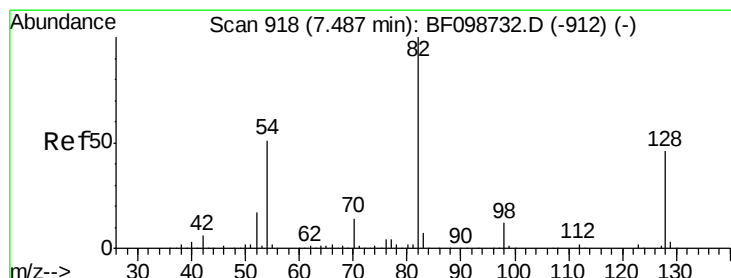
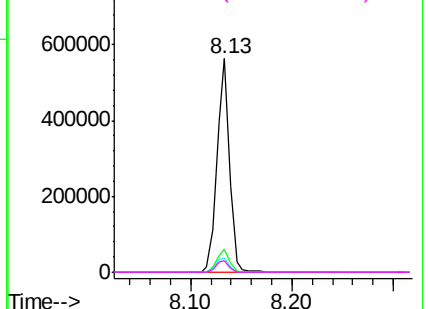
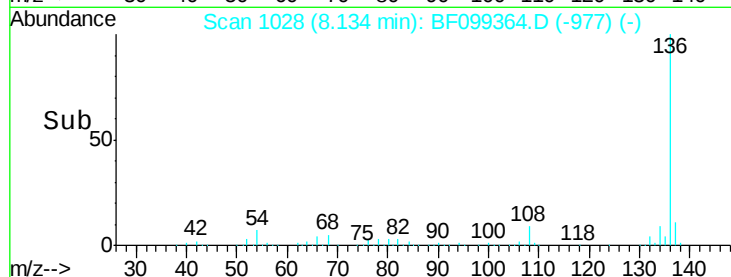
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099364.D
Acq: 12 Oct 2017 00:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	479877
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.9 13.3
54	6.8	6.6 9.8
68	5.4	5.0 7.4

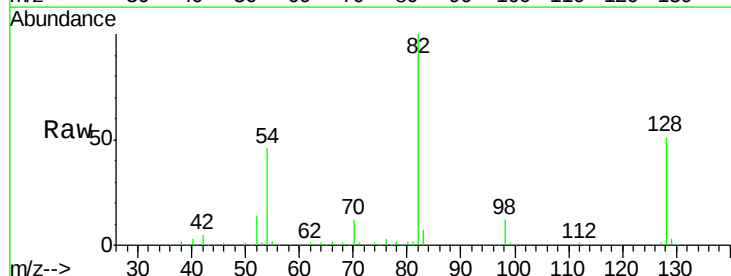


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

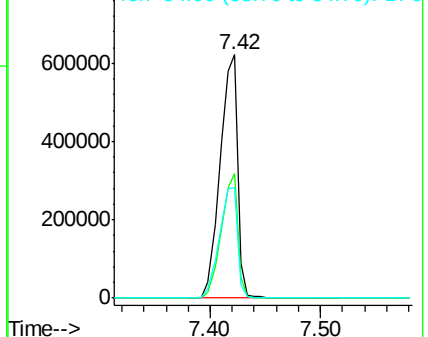
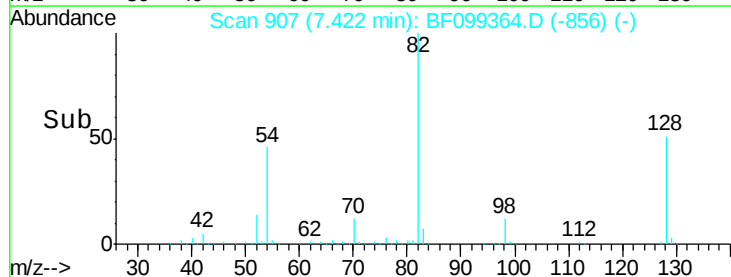


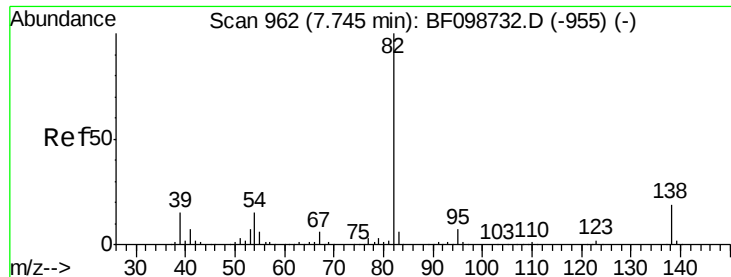
#23
Nitrobenzene-d5
Concen: 91.89 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF099364.D
Acq: 12 Oct 2017 00:27

Tgt Ion: 82	Resp:	687608
Ion	Ratio	Lower Upper
82	100	
128	51.1	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: 44.44 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.25 min

Lab File: BF099364.D

Acq: 12 Oct 2017 00:27

Instrument :

BNA_F

ClientSampleId :

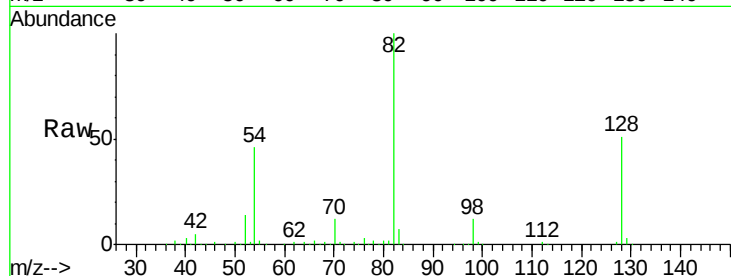
Tot Ion: 82 Resp: 687600

Ion Ratio Lower Upper

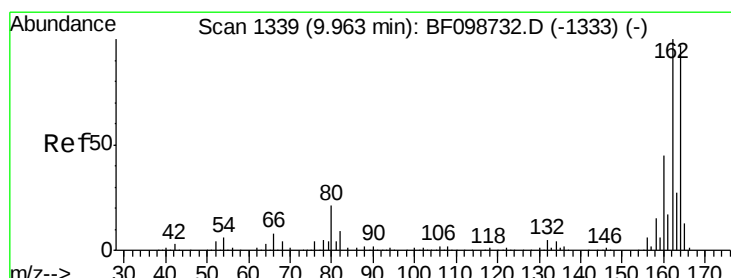
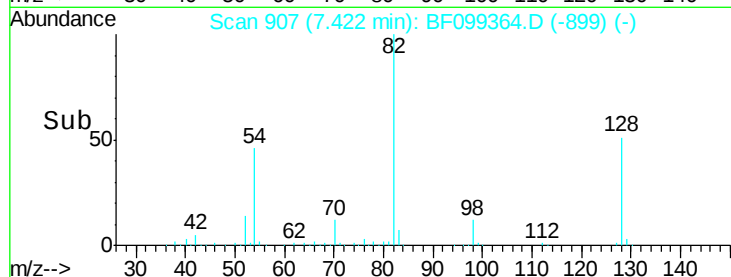
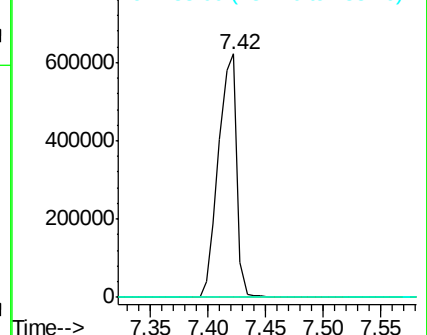
82 100

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: BF099364.D

Acq: 12 Oct 2017 00:27

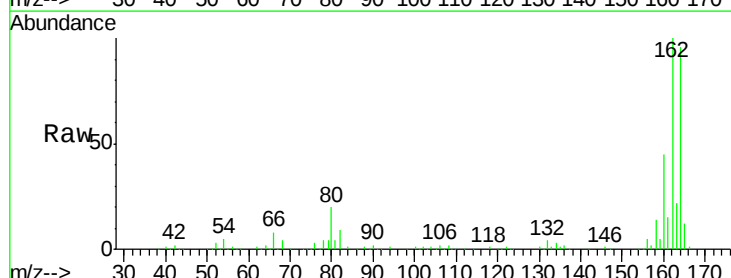
Tgt Ion: 164 Resp: 219417

Ion Ratio Lower Upper

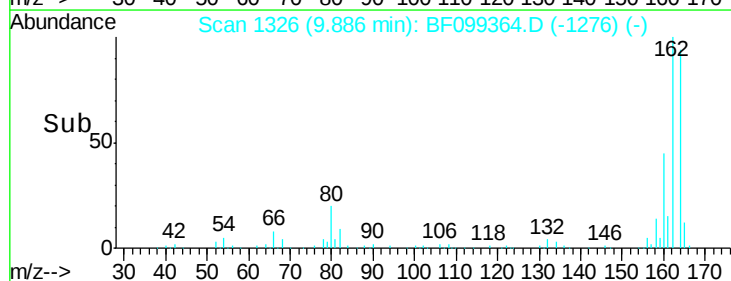
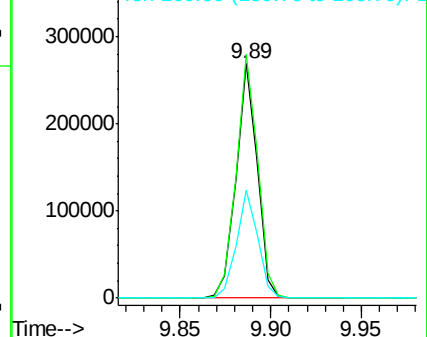
164 100

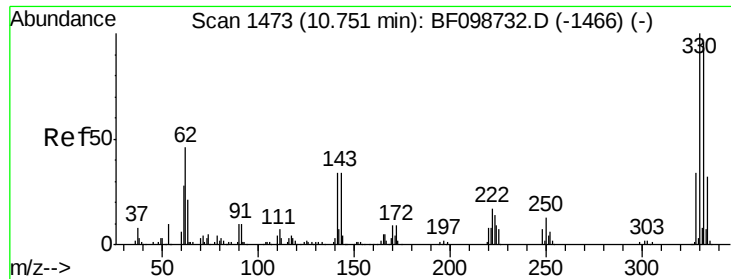
162 104.0 86.1 129.1

160 46.3 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

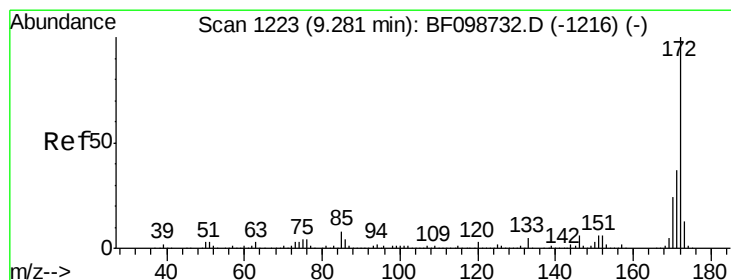
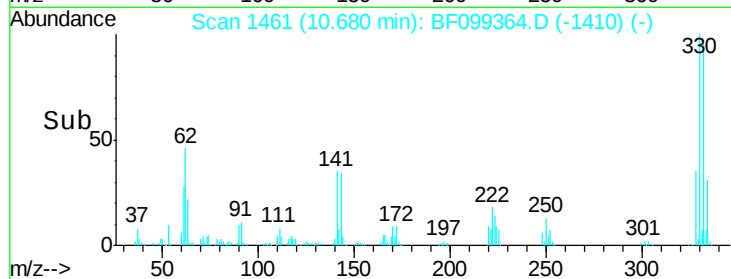
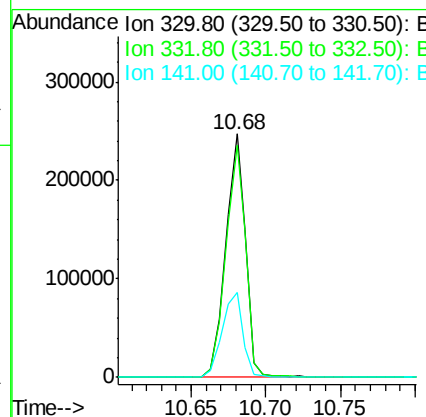
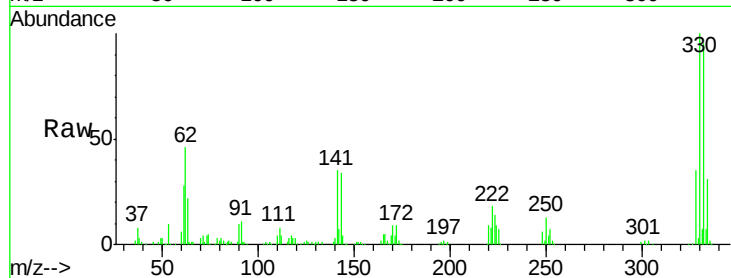




#41
 2,4,6-Tribromophenol
 Concen: 128.94 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF099364.D
 Acq: 12 Oct 2017 00:27

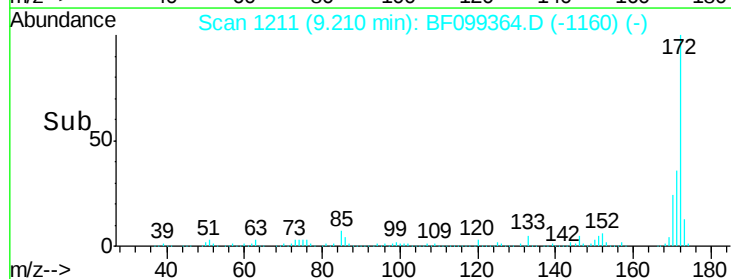
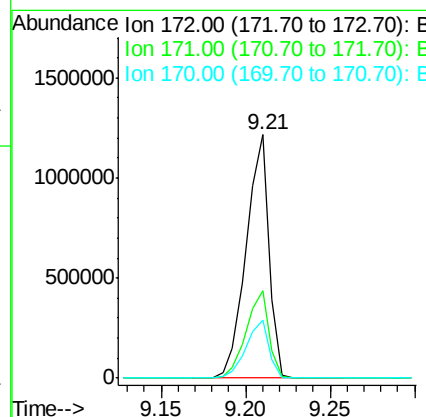
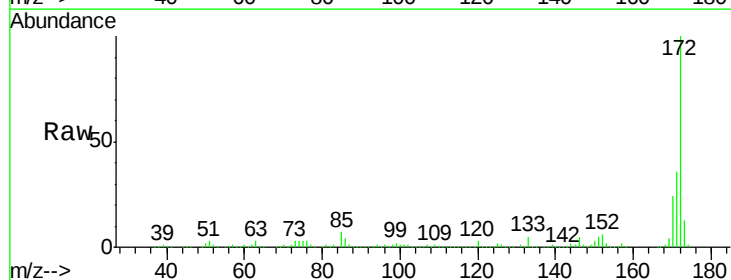
Instrument :
 BNA_F
 ClientSampleId :

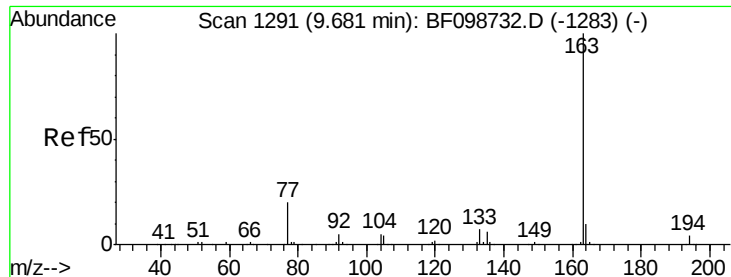
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	36.8	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 87.40 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099364.D
 Acq: 12 Oct 2017 00:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.0	19.6	29.4

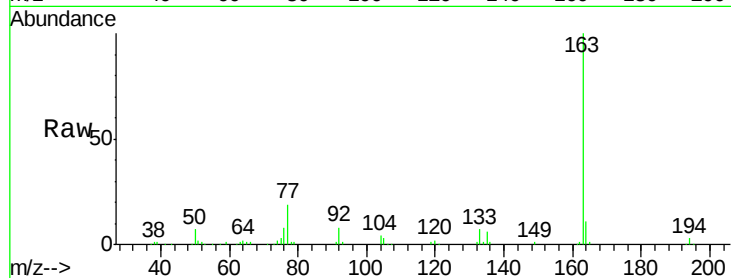




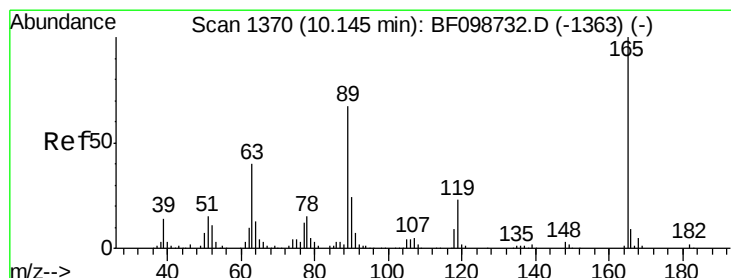
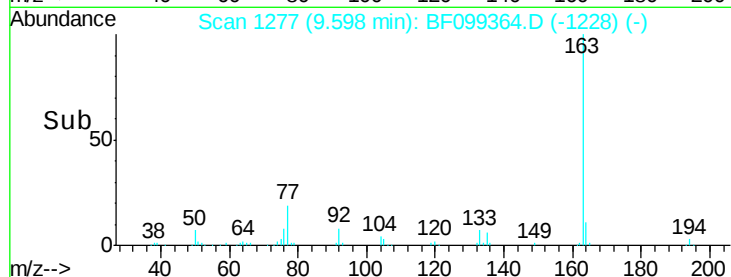
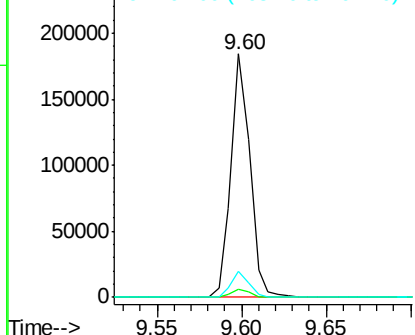
#49
Dimethylphthalate
Concen: 8.70 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF099364.D
Acq: 12 Oct 2017 00:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 144140
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.5 8.2 12.2

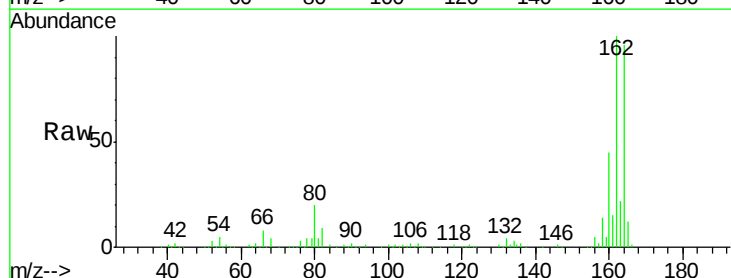


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

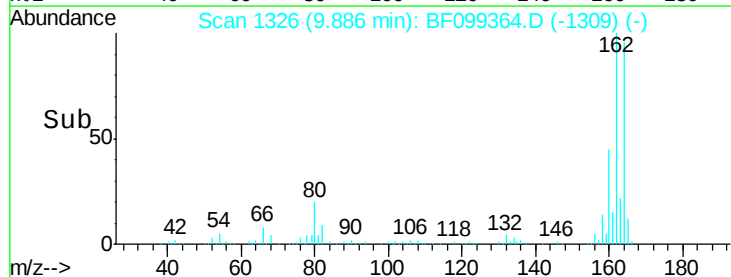
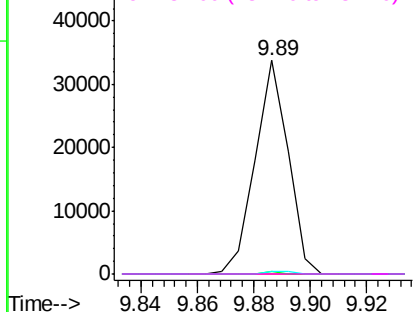


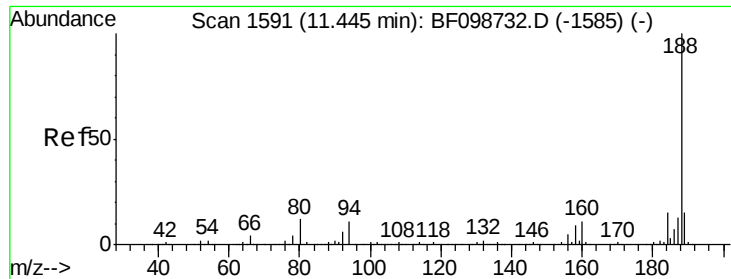
#56
2,4-Dinitrotoluene
Concen: 5.86 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF099364.D
Acq: 12 Oct 2017 00:27

Tgt Ion:165 Resp: 27415
Ion Ratio Lower Upper
165 100
63 1.0 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

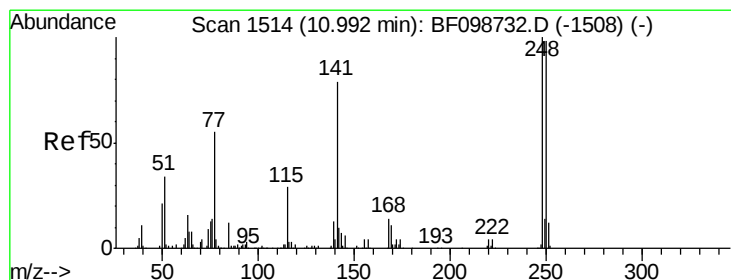
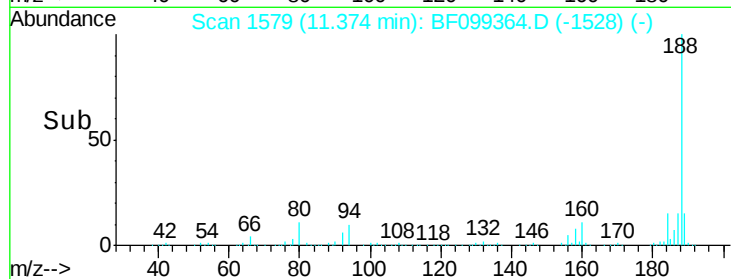
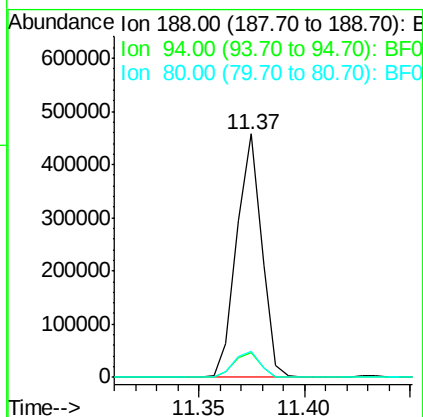
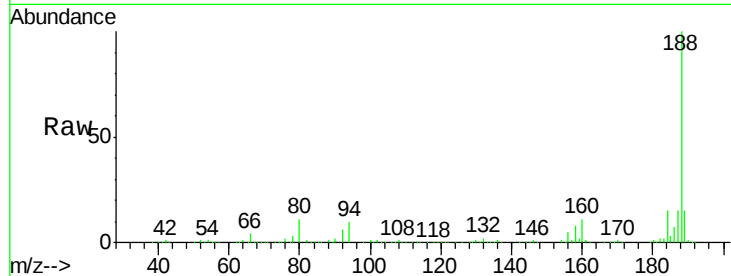




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF099364.D
Acq: 12 Oct 2017 00:27

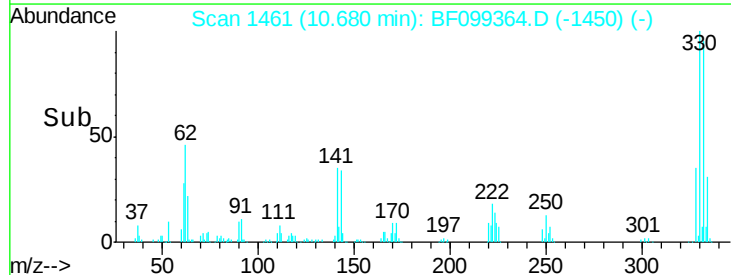
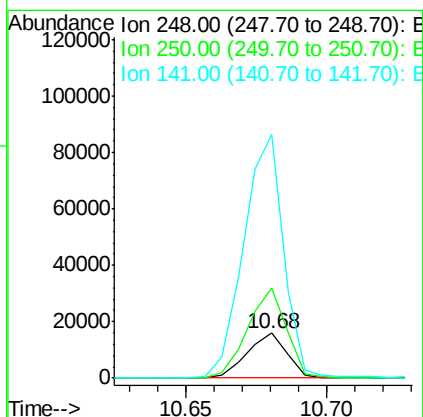
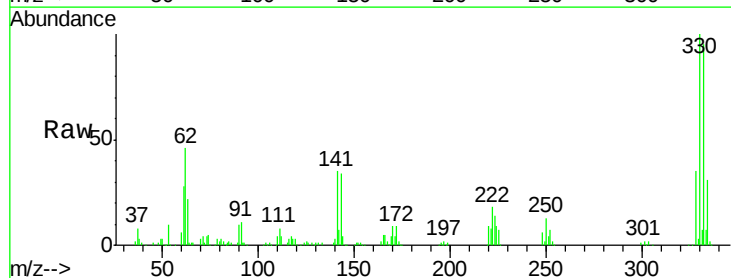
Instrument :
BNA_F
ClientSampleId :

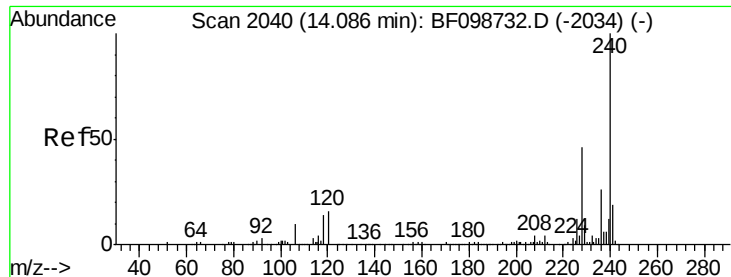
Tot Ion:188 Resp: 375070
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 10.9 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 4.14 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF099364.D
Acq: 12 Oct 2017 00:27

Tgt Ion:248 Resp: 15185
Ion Ratio Lower Upper
248 100
250 200.5 76.9 115.3#
141 545.9 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: BF099364.D

Acq: 12 Oct 2017 00:27

Instrument :

BNA_F

ClientSampleId :

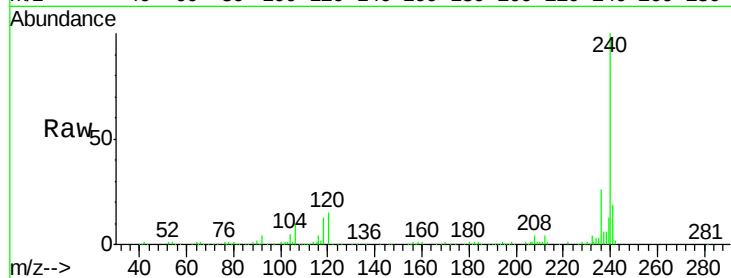
Tot Ion:240 Resp: 194299

Ion Ratio Lower Upper

240 100

120 15.0 9.5 14.3#

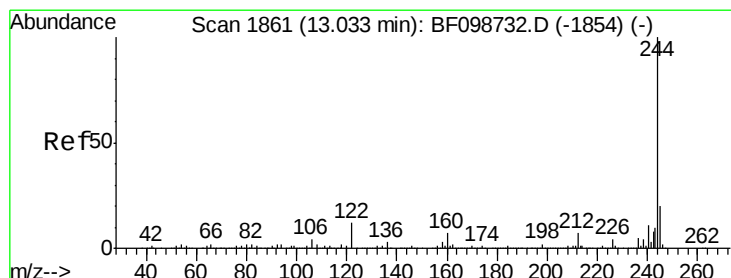
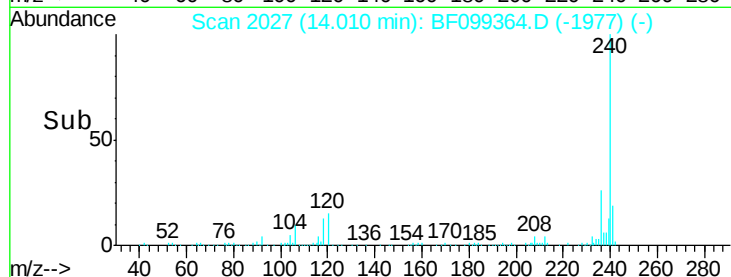
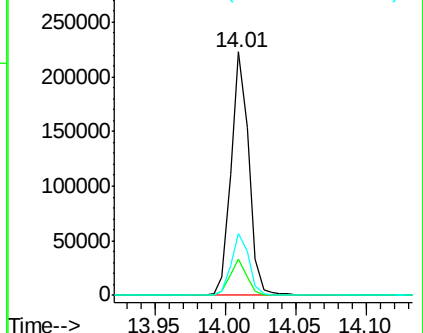
236 25.5 20.7 31.1



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: 97.19 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF099364.D

Acq: 12 Oct 2017 00:27

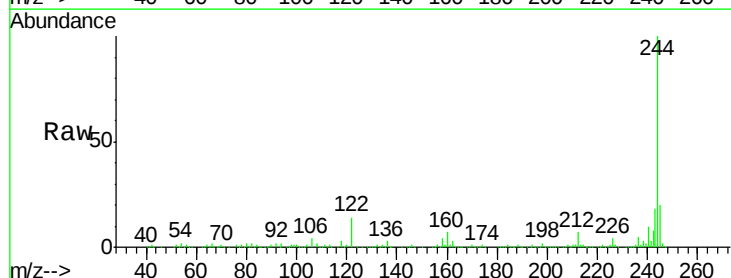
Tgt Ion:244 Resp: 830353

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

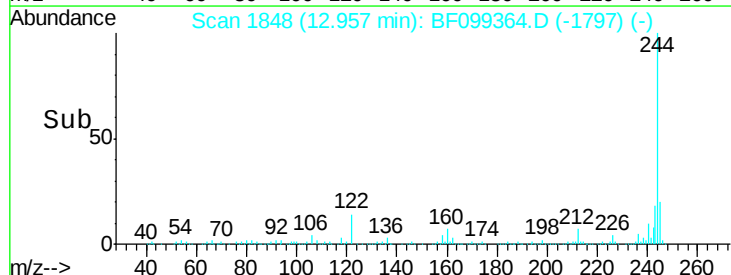
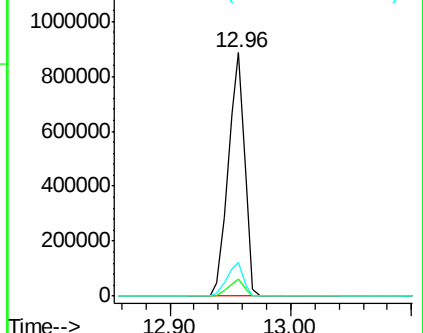
122 13.6 11.0 16.4

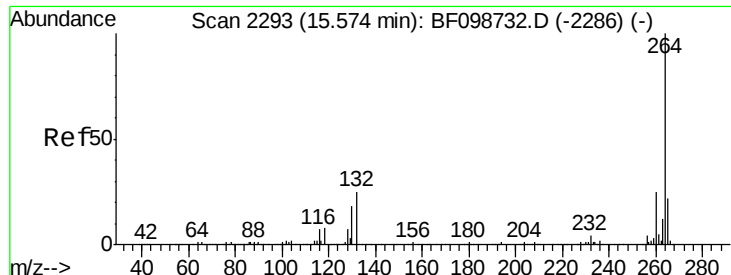


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

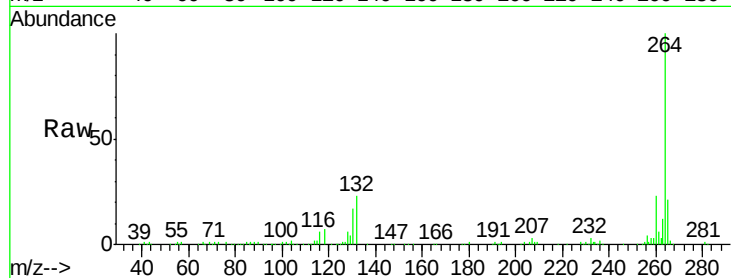




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BF099364.D
Acq: 12 Oct 2017 00:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.4	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

