

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099370.D
 Acq On : 12 Oct 2017 3:17
 Operator : SJ/JU
 Sample : I5710-15
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 03:48:01 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

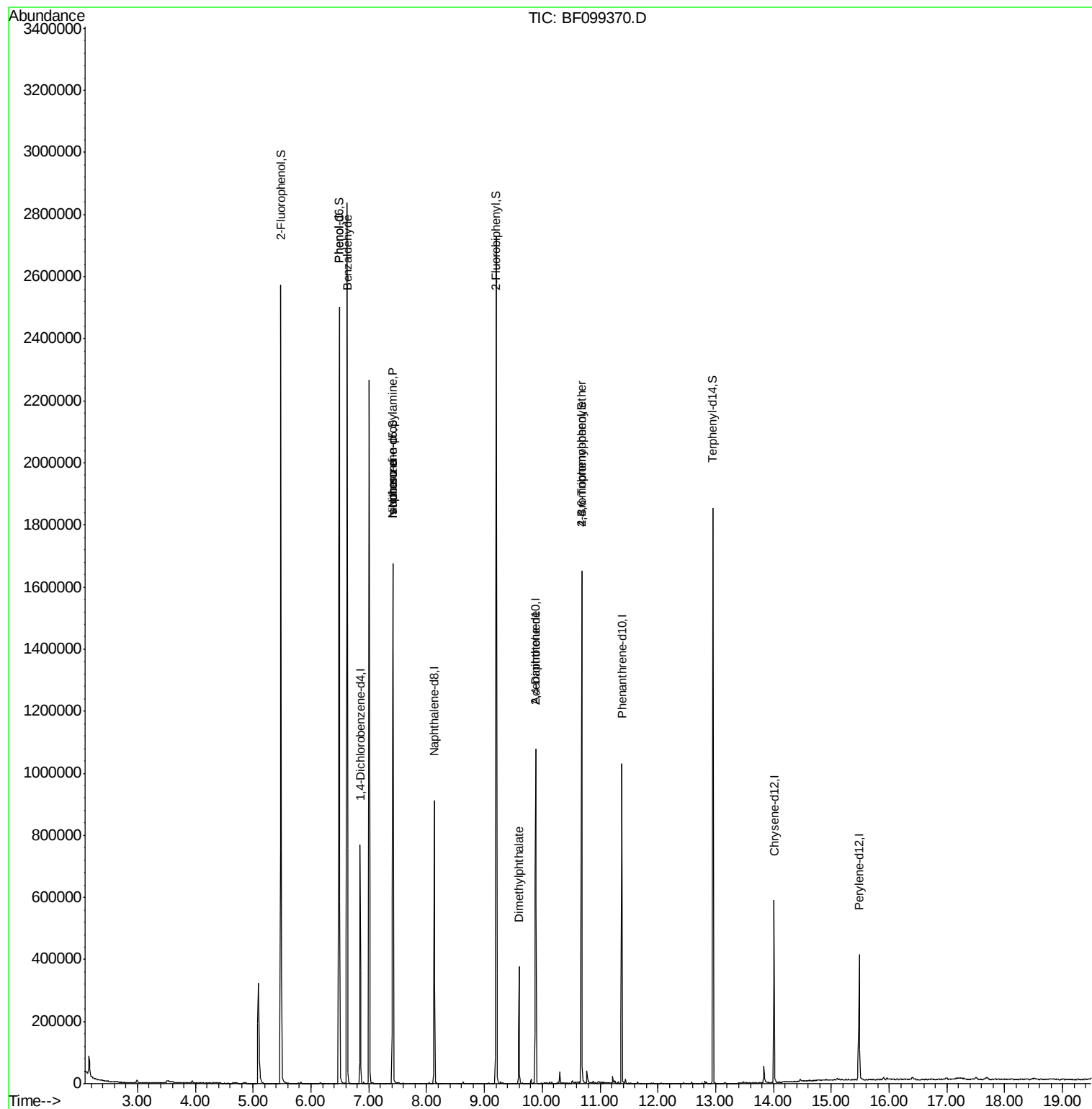
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	107103	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	442951	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	201191	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	344656	20.00	ng	0.00
75) Chrysene-d12	14.01	240	181248	20.00	ng	0.00
86) Perylene-d12	15.48	264	171674	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	892178	132.61	ng	0.01
7) Phenol-d6	6.49	99	1057811	127.45	ng	0.00
23) Nitrobenzene-d5	7.42	82	655972	94.97	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	207851	126.25	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	944860	78.40	ng	0.00
78) Terphenyl-d14	12.96	244	622500	78.11	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.63	77	17262	3.59	ng	87
10) Phenol	6.50	94	30609	3.30	ng	85
19) n-Nitroso-di-n-propylamine	7.42	70	82959	15.66	ng	# 77
25) Isophorone	7.42	82	655967	45.93	ng	# 64
49) Dimethylphthalate	9.60	163	139573	9.19	ng	99
56) 2,4-Dinitrotoluene	9.89	165	25739	6.00	ng	# 23
66) 4-Bromophenyl-phenylether	10.68	248	13815	4.10	ng	# 1

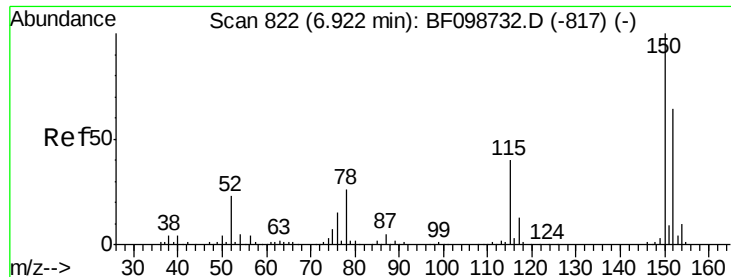
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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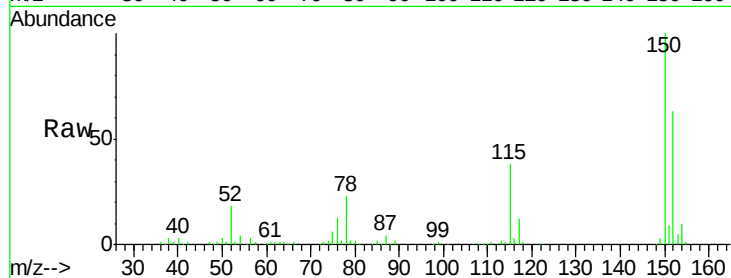


#1

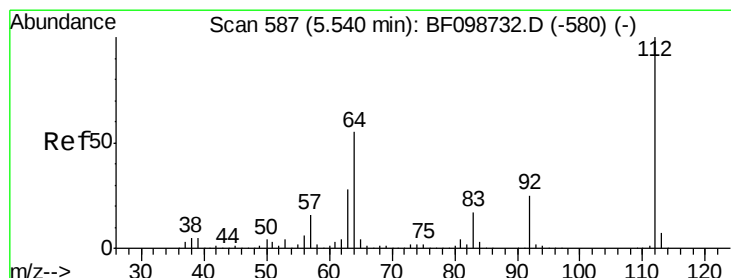
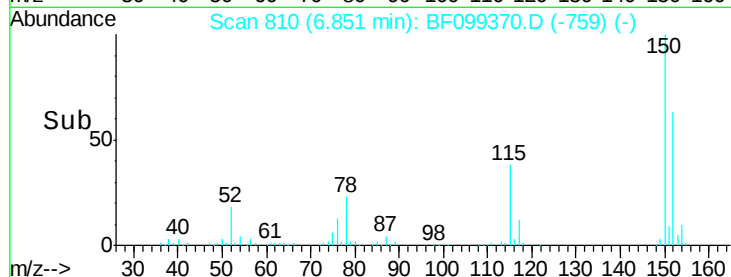
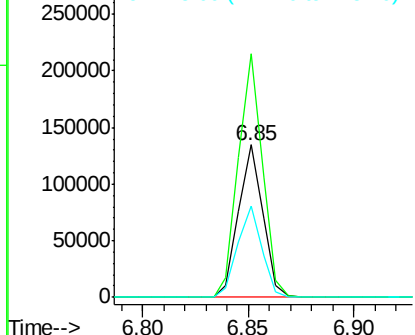
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099370.D
Acq: 12 Oct 2017 3:17

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.6	186.8
115	60.1	50.1	75.1



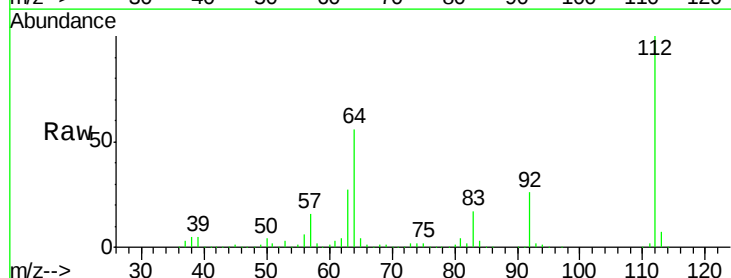
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



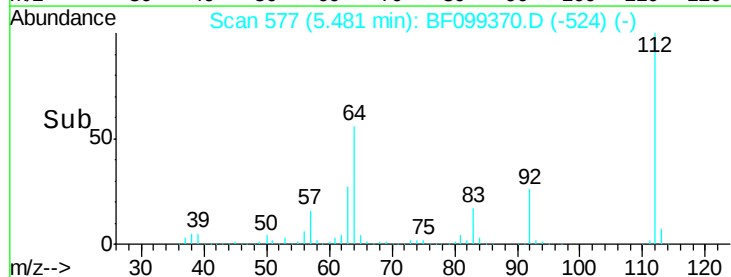
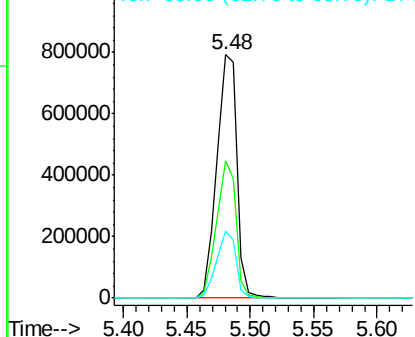
#5

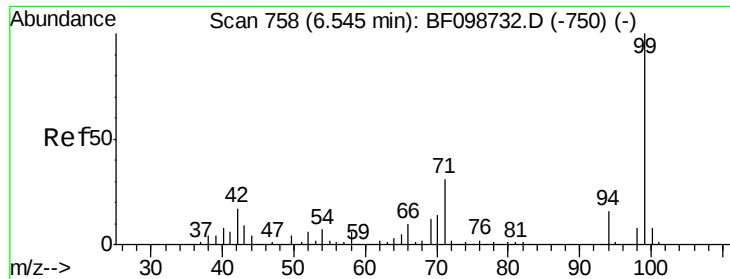
2-Fluorophenol
Concen: 132.61 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF099370.D
Acq: 12 Oct 2017 3:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	47.9	71.9
63	27.4	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: 127.45 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099370.D

Acq: 12 Oct 2017 3:17

Instrument :

BNA_F

ClientSampleId :

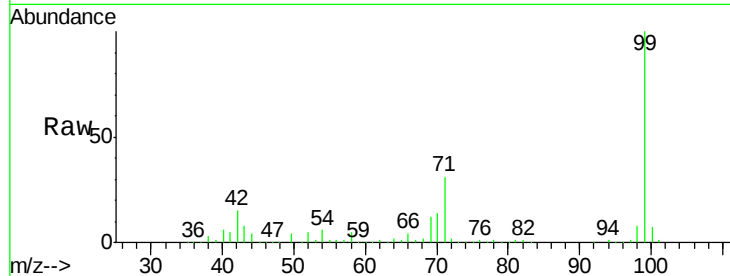
Tot Ion: 99 Resp: 1057811

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

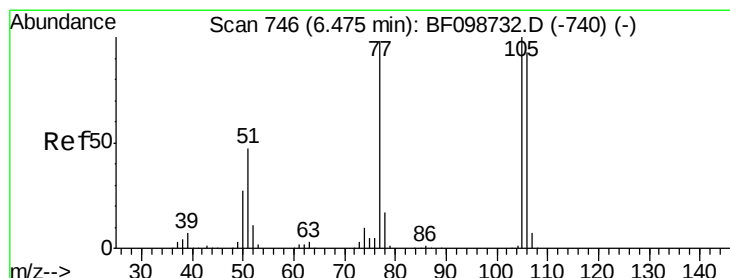
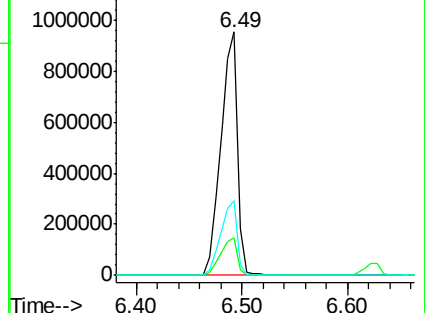
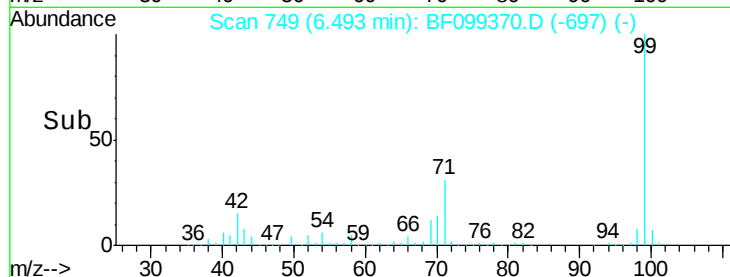
71 30.6 25.4 38.0



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: 3.59 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.22 min

Lab File: BF099370.D

Acq: 12 Oct 2017 3:17

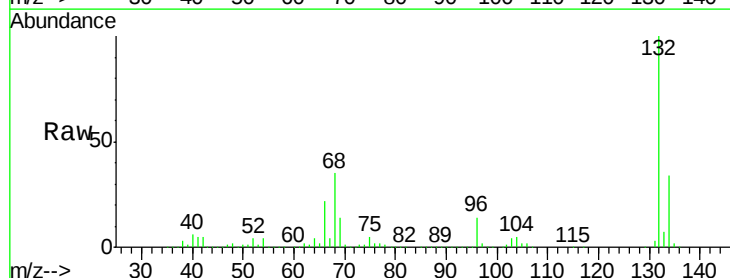
Tgt Ion: 77 Resp: 17262

Ion Ratio Lower Upper

77 100

105 88.3 81.1 121.1

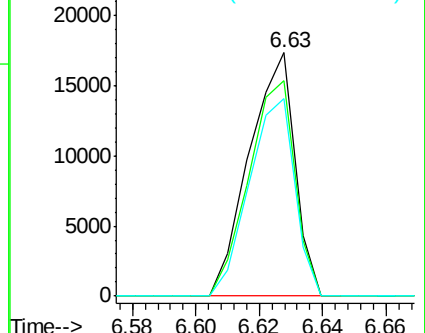
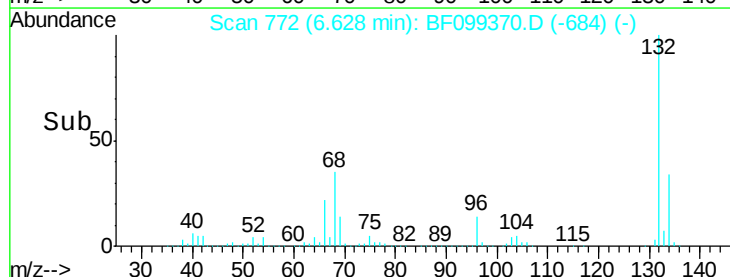
106 81.0 74.5 114.5

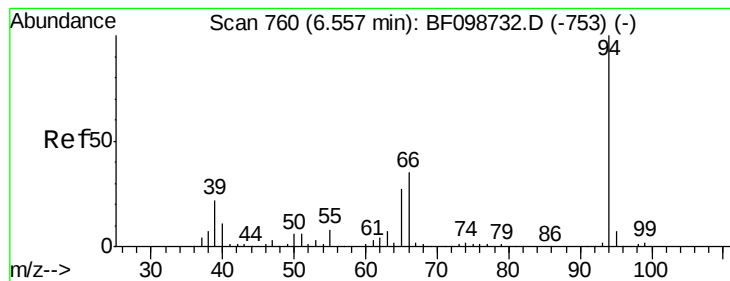


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 3.30 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099370.D

Acq: 12 Oct 2017 3:17

Instrument :

BNA_F

ClientSampleId :

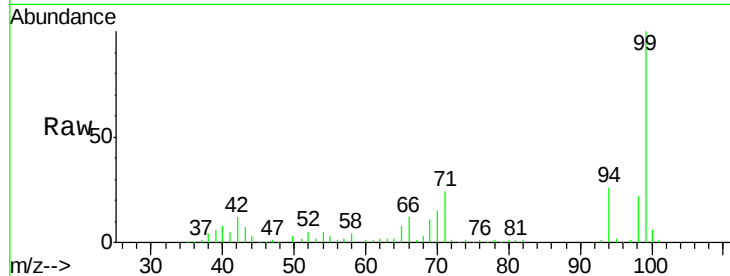
Tot Ion: 94 Resp: 30609

Ion Ratio Lower Upper

94 100

65 31.1 7.9 47.9

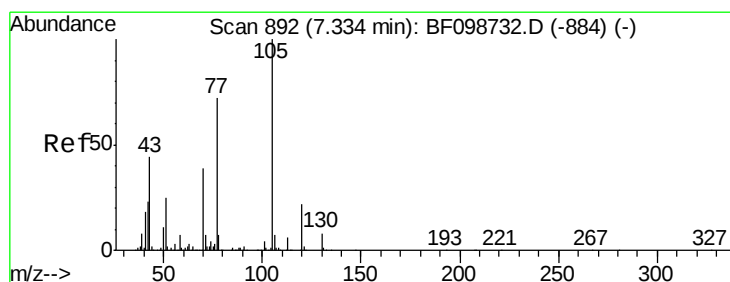
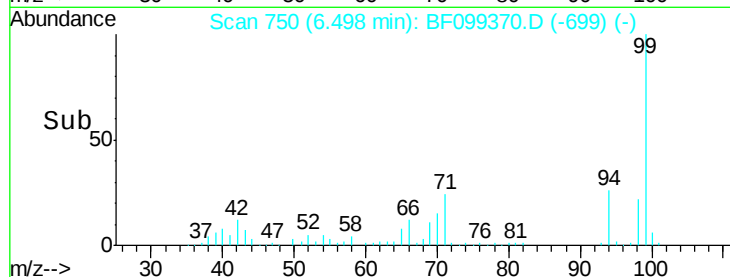
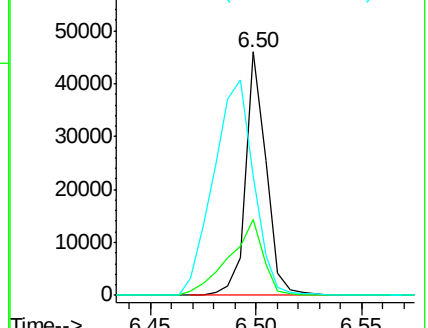
66 48.8 16.2 56.2



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: 15.66 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF099370.D

Acq: 12 Oct 2017 3:17

Tgt Ion: 70 Resp: 82959

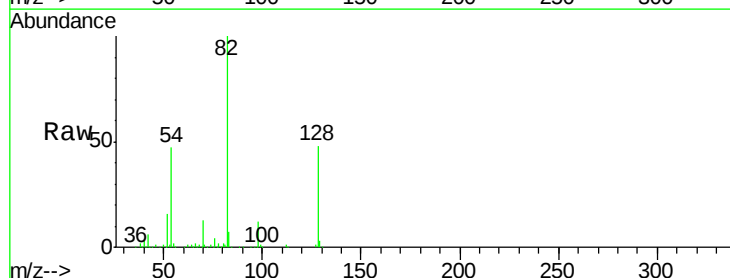
Ion Ratio Lower Upper

70 100

42 46.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

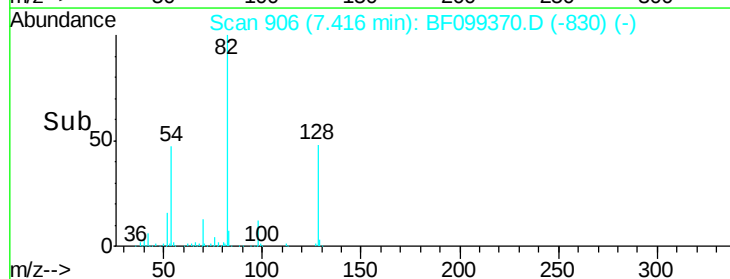
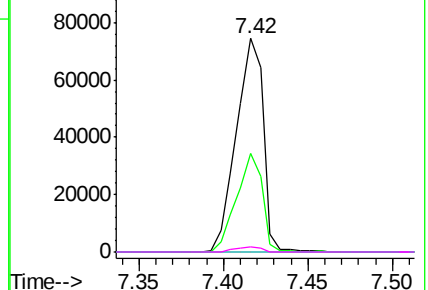


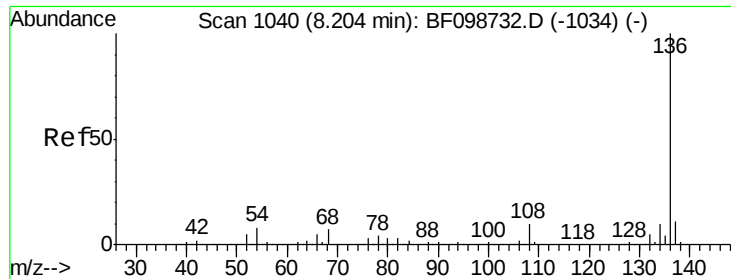
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

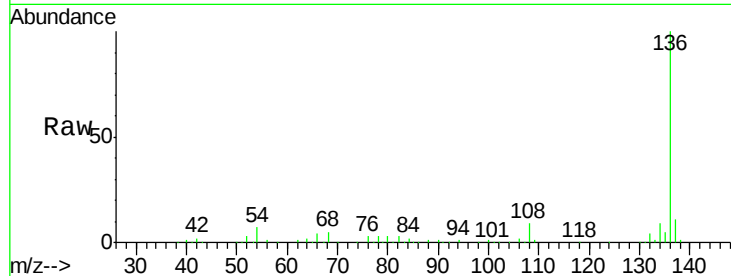




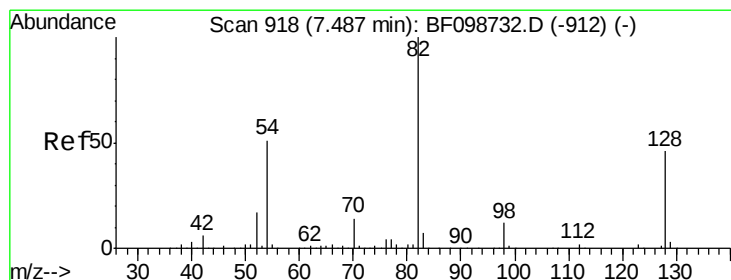
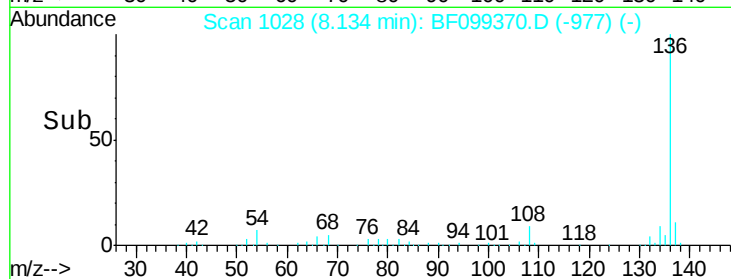
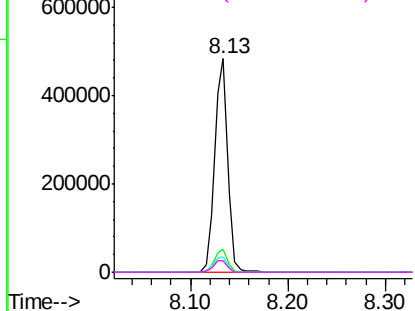
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099370.D
Acq: 12 Oct 2017 3:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	442951
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	7.0	6.6 9.8
68	5.5	5.0 7.4

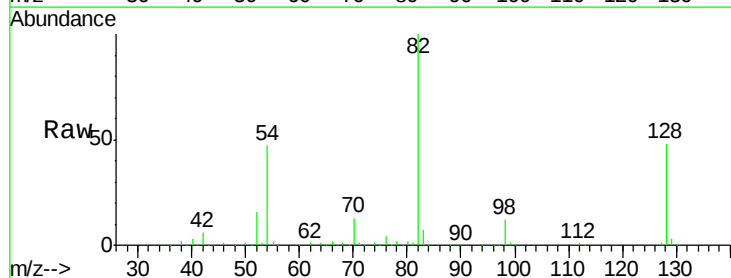


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

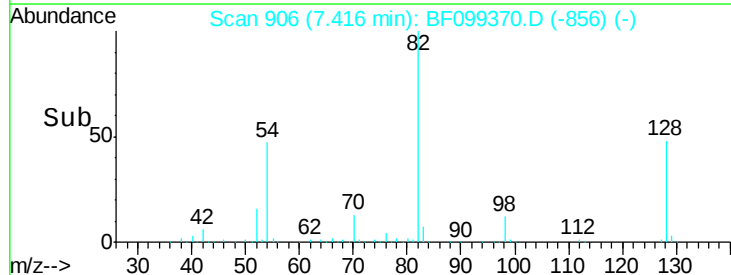
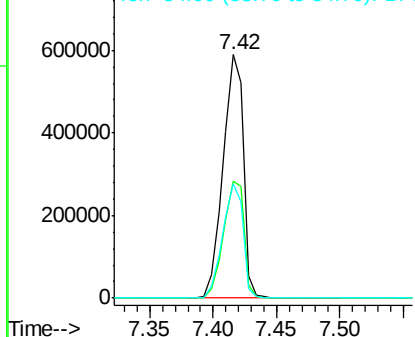


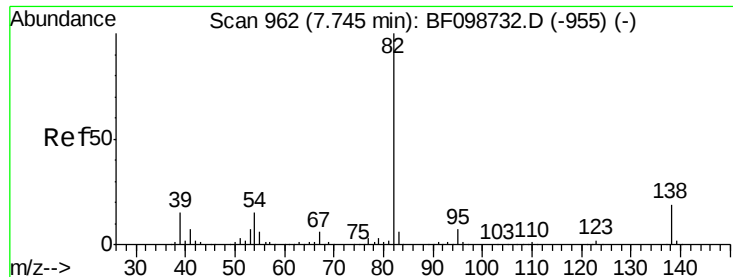
#23
Nitrobenzene-d5
Concen: 94.97 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099370.D
Acq: 12 Oct 2017 3:17

Tgt Ion: 82	Resp:	655972
Ion Ratio	Lower	Upper
82	100	
128	47.8	36.1 54.1
54	47.2	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

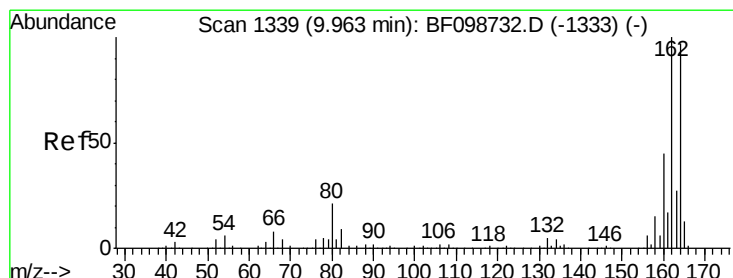
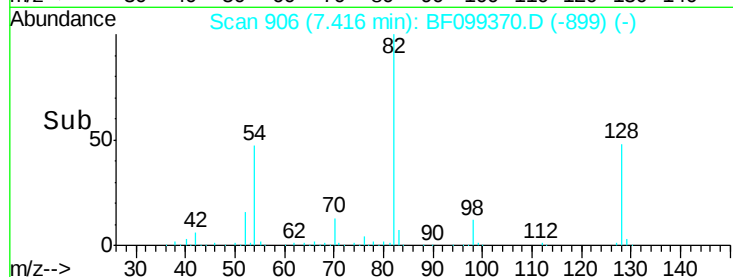
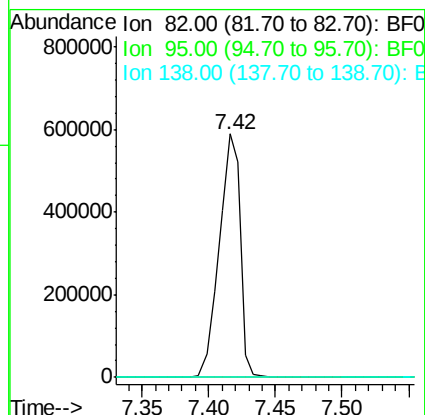
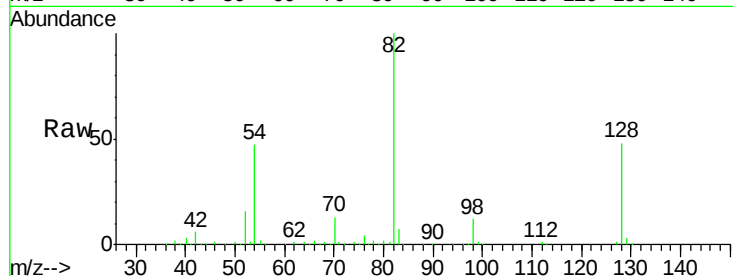




#25
Isophorone
Concen: 45.93 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF099370.D
Acq: 12 Oct 2017 3:17

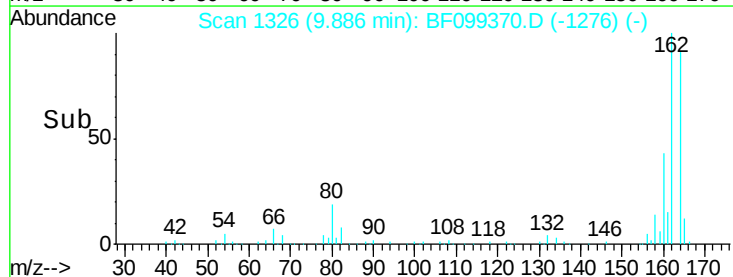
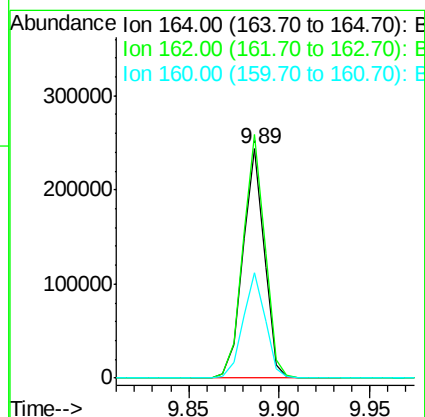
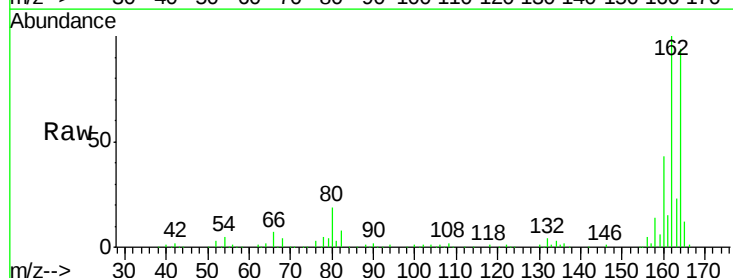
Instrument :
BNA_F
ClientSampleId :

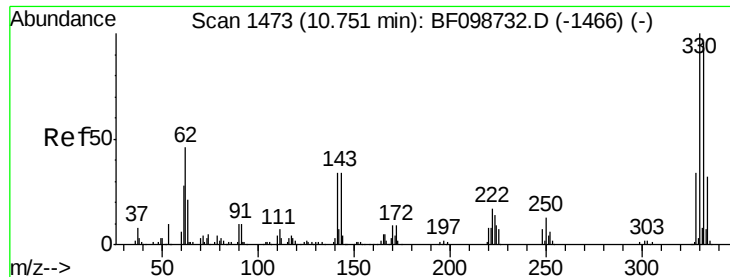
Tot Ion: 82 Resp: 655967
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099370.D
Acq: 12 Oct 2017 3:17

Tgt Ion: 164 Resp: 201191
Ion Ratio Lower Upper
164 100
162 106.1 86.1 129.1
160 46.0 38.3 57.5

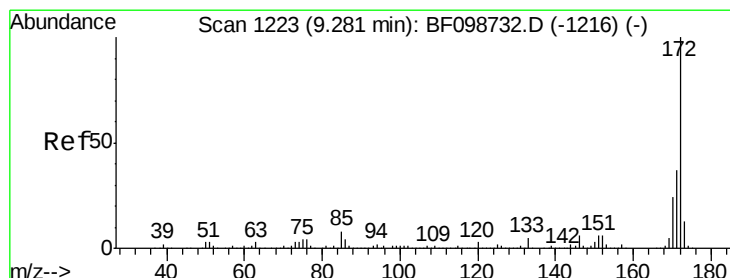
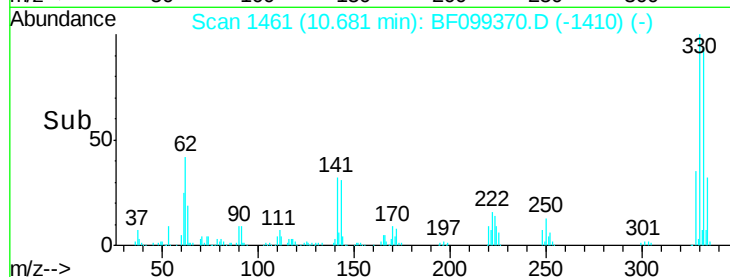
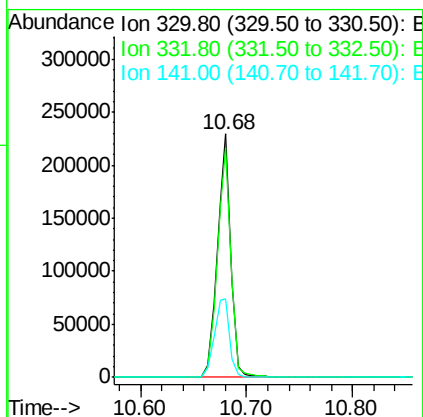
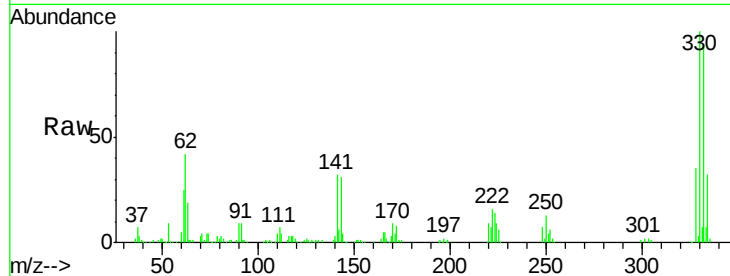




#41
 2,4,6-Tribromophenol
 Concen: 126.25 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF099370.D
 Acq: 12 Oct 2017 3:17

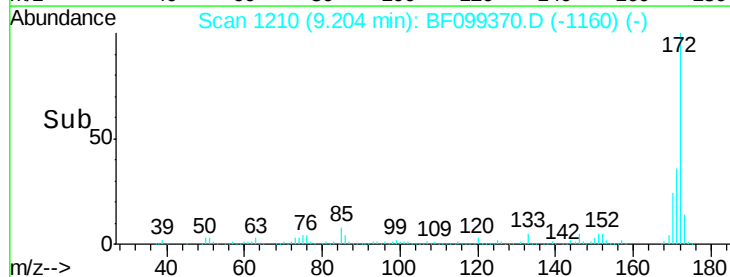
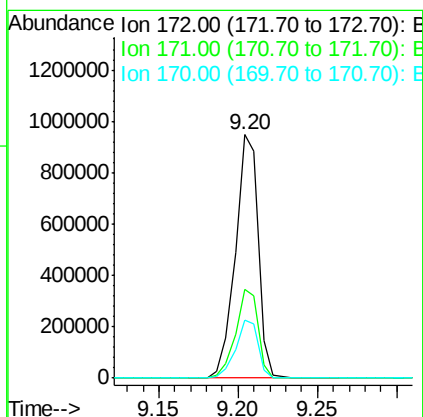
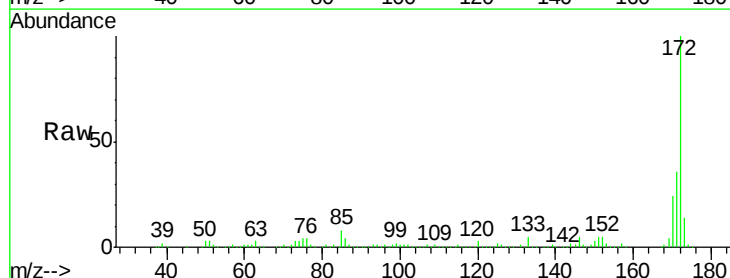
Instrument :
 BNA_F
 ClientSampleId :

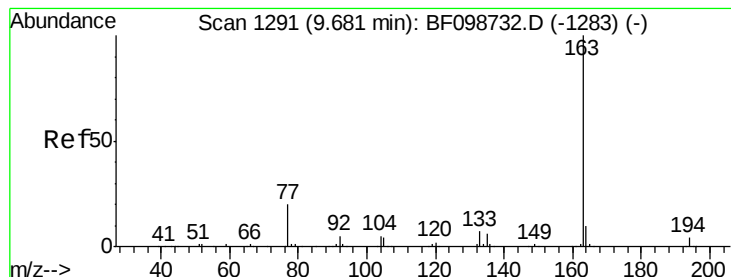
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	36.8	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 78.40 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF099370.D
 Acq: 12 Oct 2017 3:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.6	19.6	29.4





#49

Dimethylphthalate

Concen: 9.19 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF099370.D

Acq: 12 Oct 2017 3:17

Instrument :

BNA_F

ClientSampled :

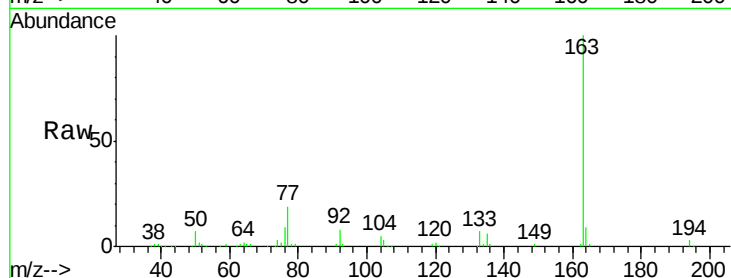
Tot Ion:163 Resp: 139573

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

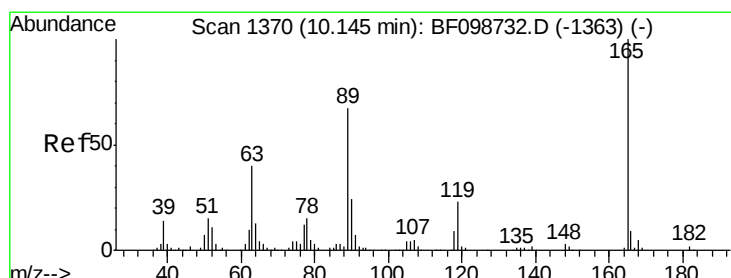
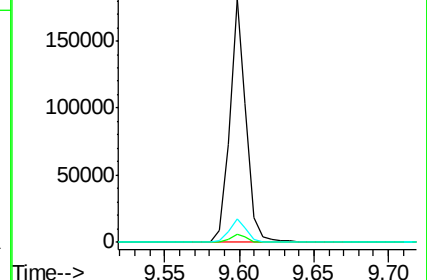
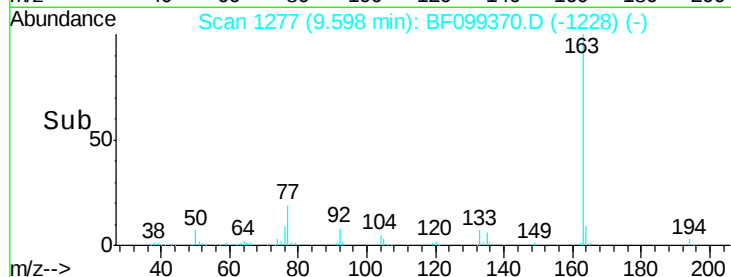
164 9.5 8.2 12.2



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: 6.00 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.20 min

Lab File: BF099370.D

Acq: 12 Oct 2017 3:17

Tgt Ion:165 Resp: 25739

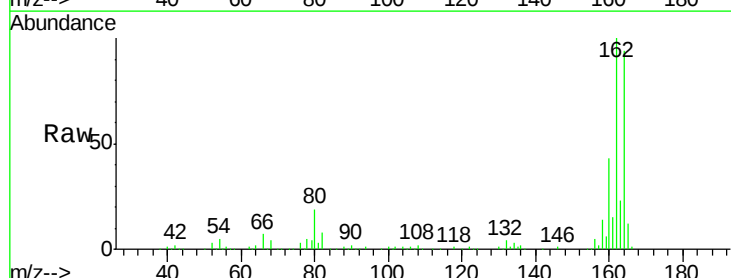
Ion Ratio Lower Upper

165 100

63 1.2 36.4 54.6#

89 1.4 57.8 86.6#

182 0.0 1.6 2.4#

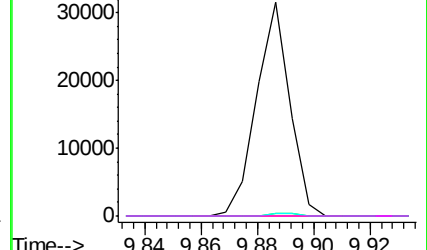
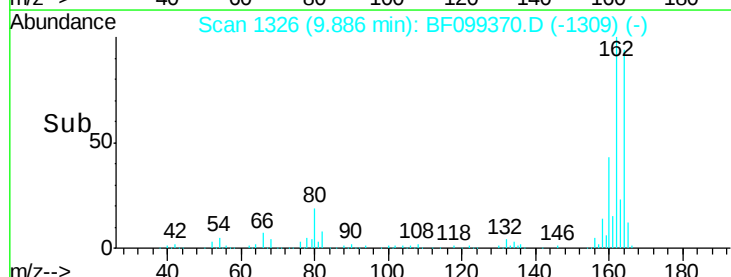


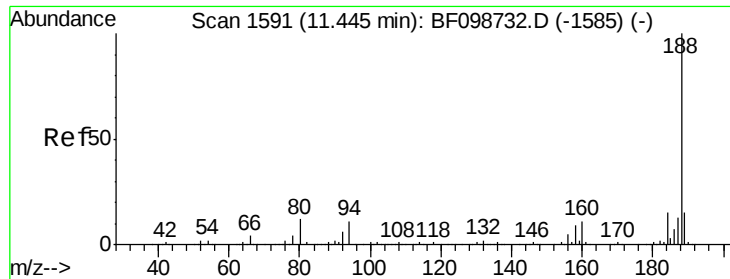
Abundance Ion 165.00 (164.70 to 165.70): E

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

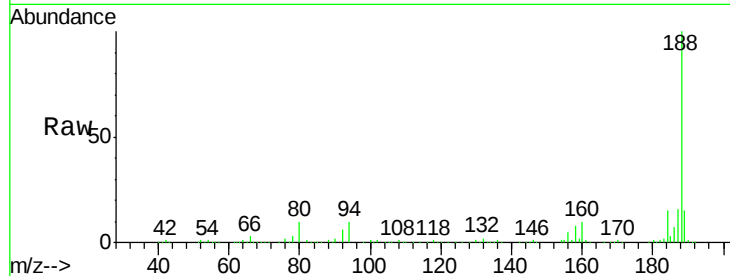




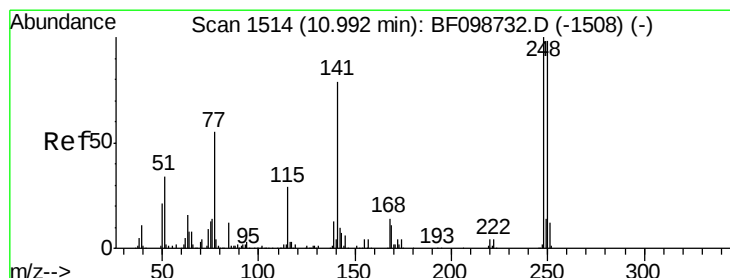
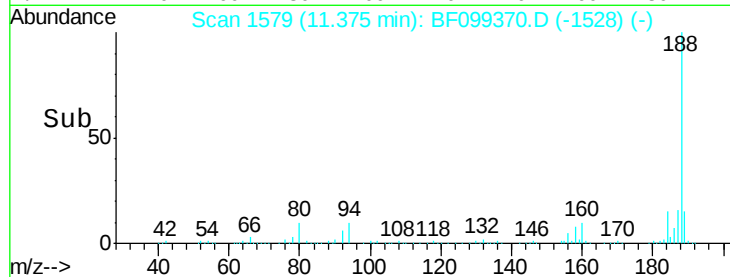
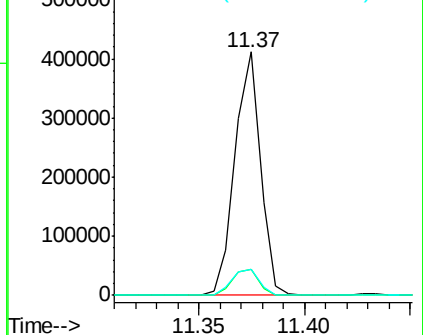
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF099370.D
Acq: 12 Oct 2017 3:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 344656
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 10.4 9.2 13.8

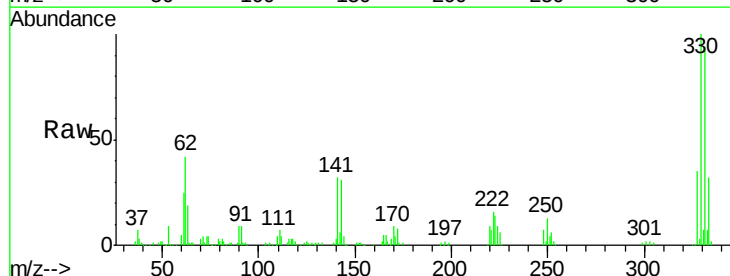


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

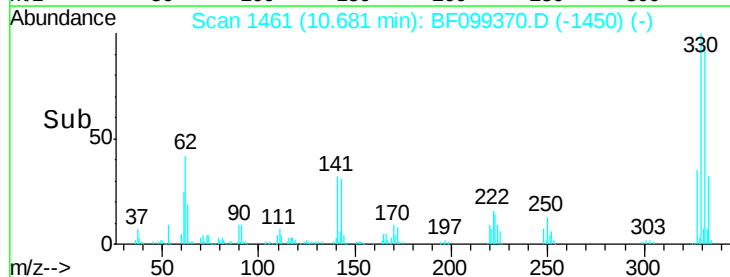
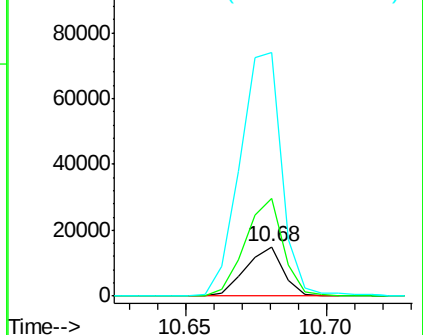


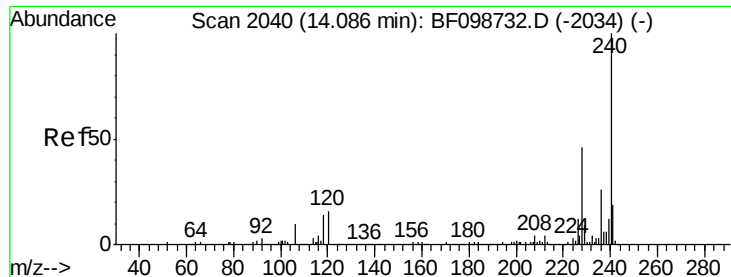
#66
4-Bromophenyl-phenylether
Concen: 4.10 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF099370.D
Acq: 12 Oct 2017 3:17

Tgt Ion:248 Resp: 13815
Ion Ratio Lower Upper
248 100
250 199.3 76.9 115.3#
141 494.1 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: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF099370.D

Acq: 12 Oct 2017 3:17

Instrument :

BNA_F

ClientSampleId :

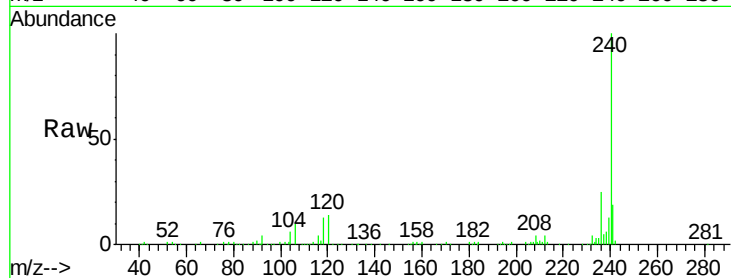
Tot Ion:240 Resp: 181248

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

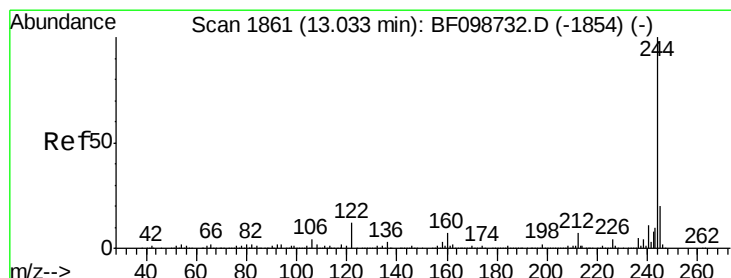
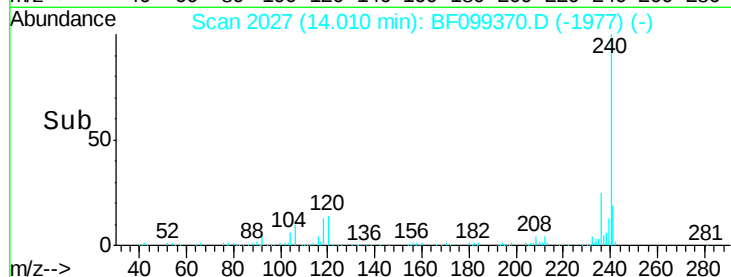
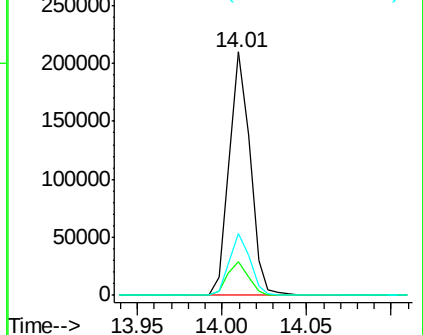
236 25.3 20.7 31.1



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: 78.11 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF099370.D

Acq: 12 Oct 2017 3:17

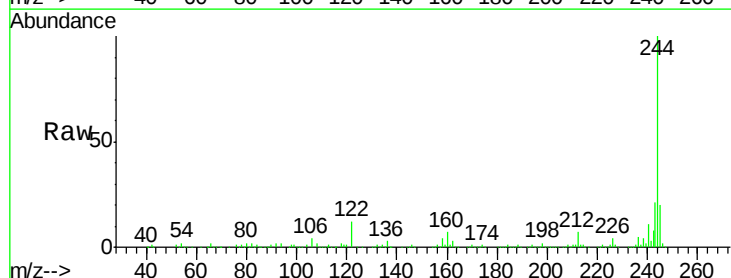
Tgt Ion:244 Resp: 622500

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

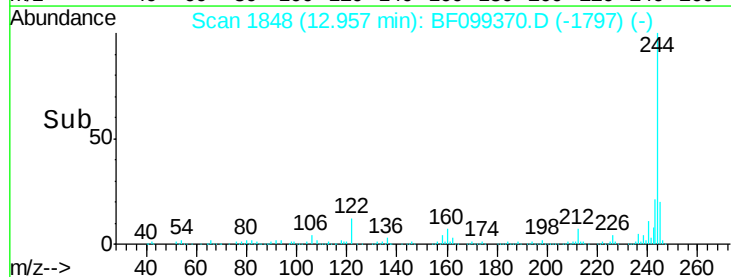
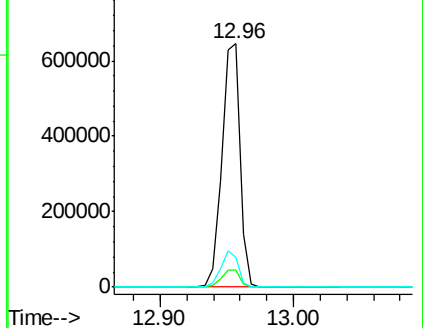
122 12.3 11.0 16.4

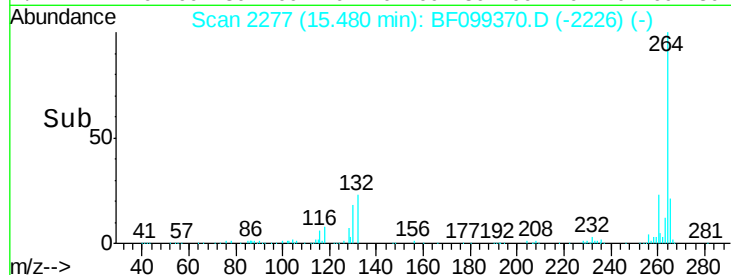
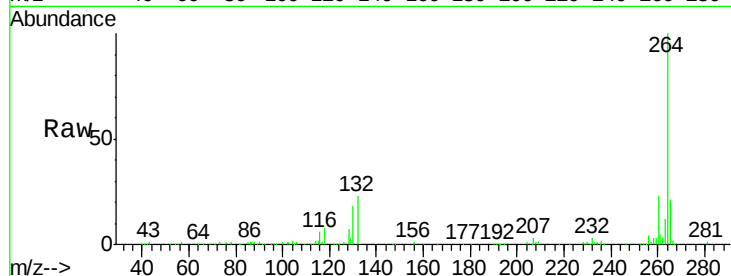
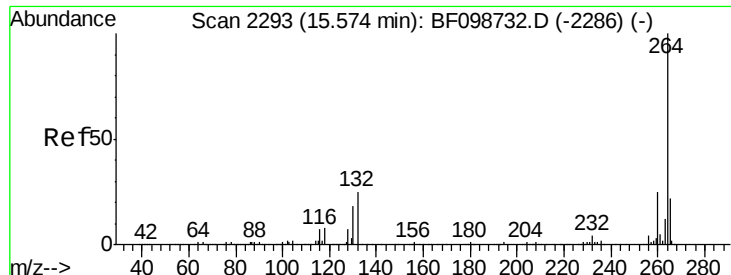


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF099370.D
Acq: 12 Oct 2017 3:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	171674
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.4	17.5	26.3

