

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102017\
 Data File : BF099701.D
 Acq On : 20 Oct 2017 15:24
 Operator : SJ/JU
 Sample : I5922-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 20 17:56:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

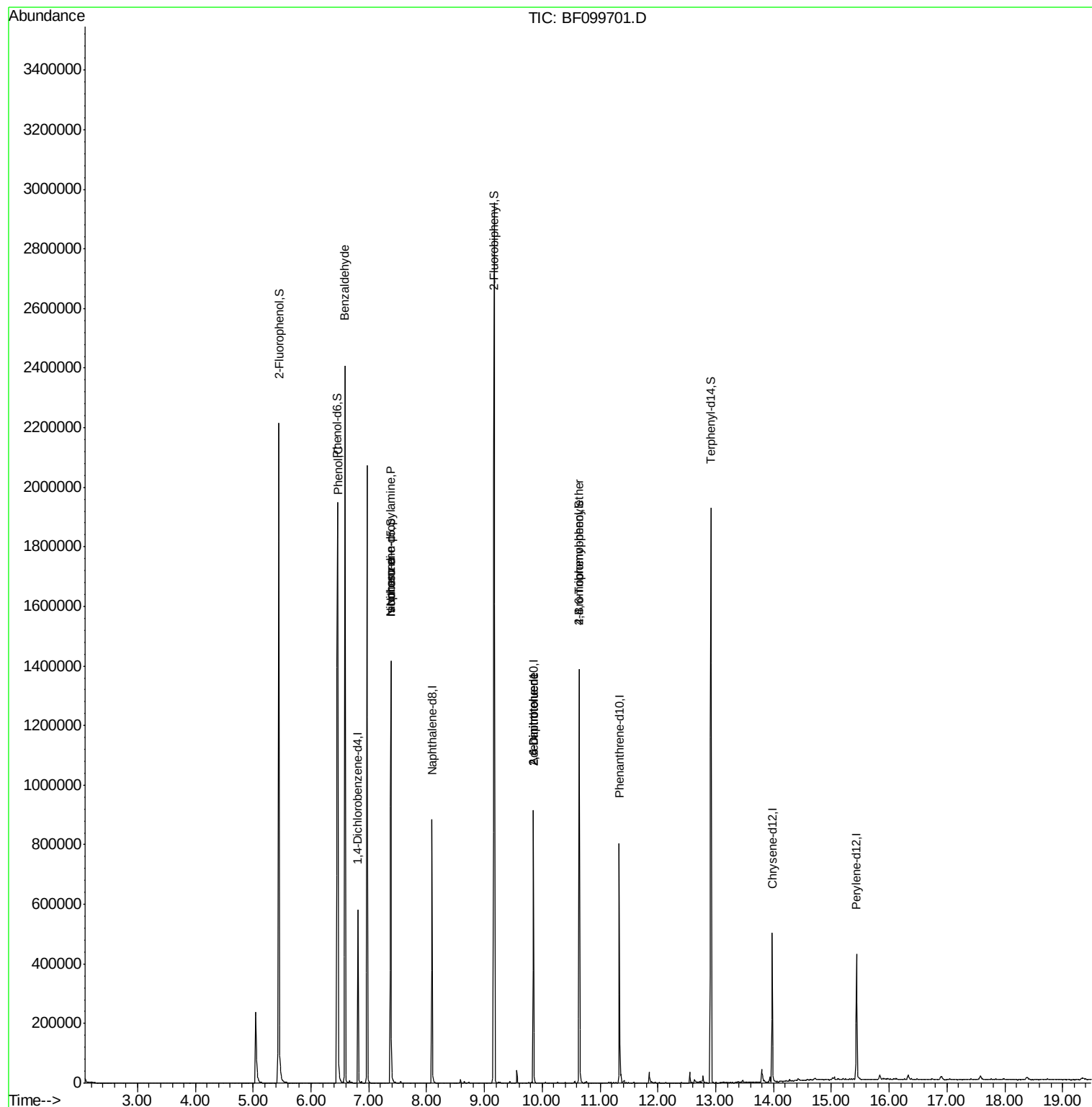
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	97816	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	401970	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	176425	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	269398	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	165321	20.00	ng	-0.01
86) Perylene-d12	15.44	264	182060	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	735219	119.65	ng	0.00
7) Phenol-d6	6.46	99	899258	118.63	ng	0.00
23) Nitrobenzene-d5	7.38	82	528683	84.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	174522	120.89	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	989421	93.62	ng	0.00
78) Terphenyl-d14	12.92	244	625774	86.08	ng	0.00
Target Compounds						
9) Benzaldehyde	6.59	77	13616	3.097	ng	85
10) Phenol	6.47	94	36769	4.337	ng	99
19) n-Nitroso-di-n-propylamine	7.38	70	65633	13.562	ng	# 73
25) Isophorone	7.38	82	528683	40.796	ng	# 64
50) 2,6-Dinitrotoluene	9.85	165	22190	7.655	ng	# 25
56) 2,4-Dinitrotoluene	9.85	165	22190	5.898	ng	# 23
66) 4-Bromophenyl-phenylether	10.64	248	11284	4.279	ng	# 1

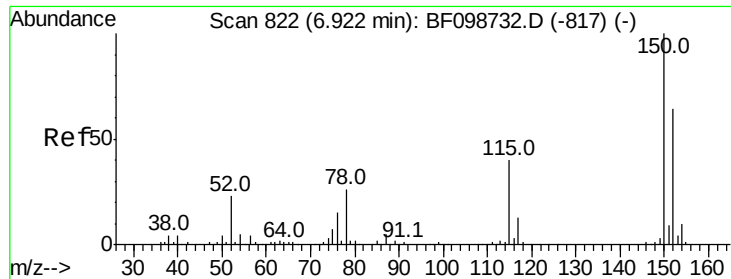
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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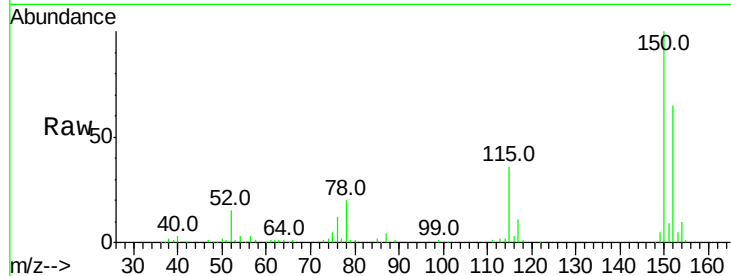


#1

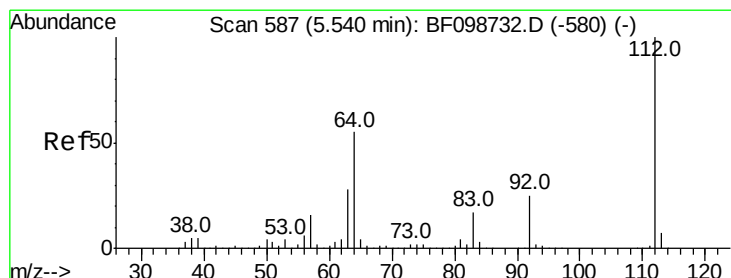
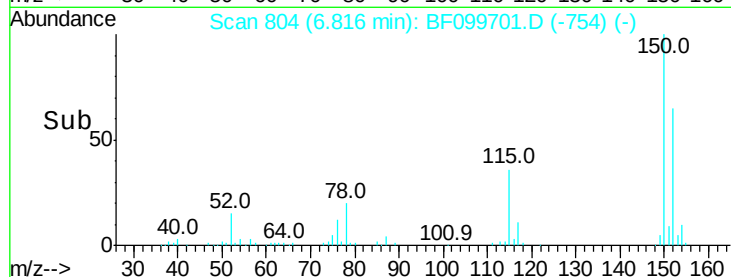
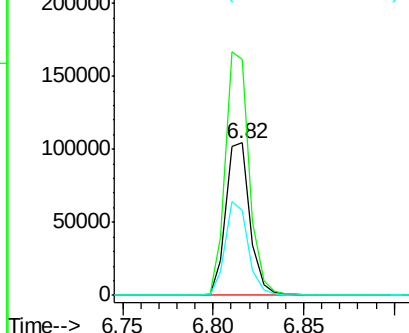
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF099701.D
 Acq: 20 Oct 2017 15:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 97816
 Ion Ratio Lower Upper
 152 100
 150 154.6 124.6 186.8
 115 56.0 50.1 75.1



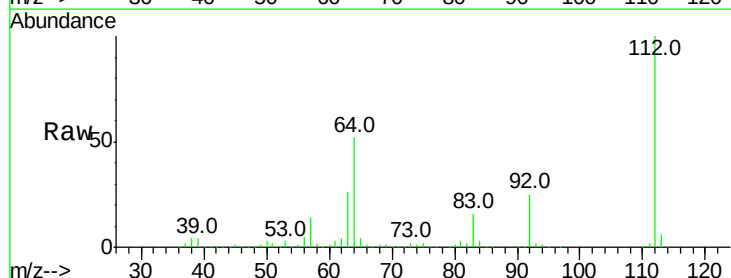
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



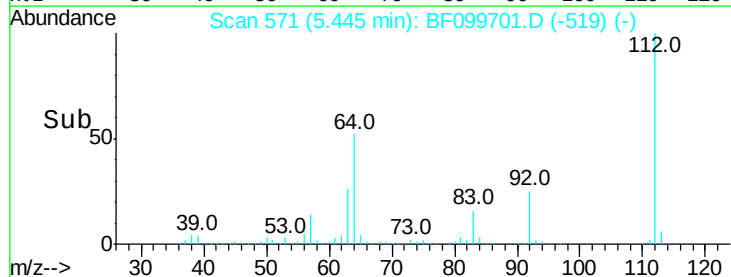
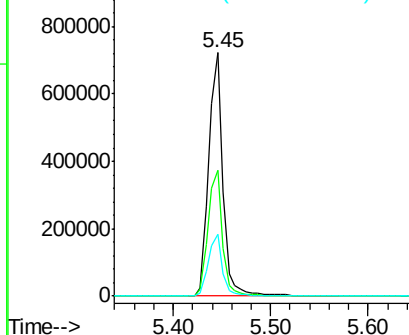
#5

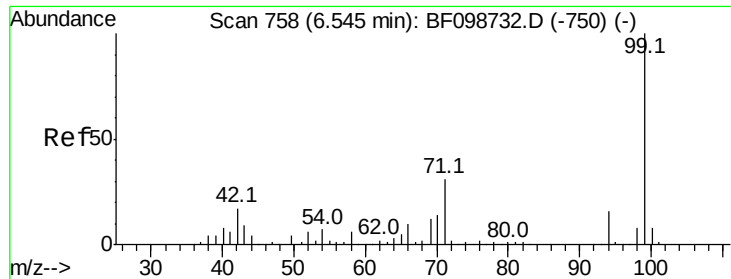
2-Fluorophenol
 Concen: 119.653 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF099701.D
 Acq: 20 Oct 2017 15:24

Tgt Ion:112 Resp: 735219
 Ion Ratio Lower Upper
 112 100
 64 51.7 47.9 71.9
 63 25.6 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: 118.635 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099701.D

Acq: 20 Oct 2017 15:24

Instrument :

BNA_F

ClientSampled :

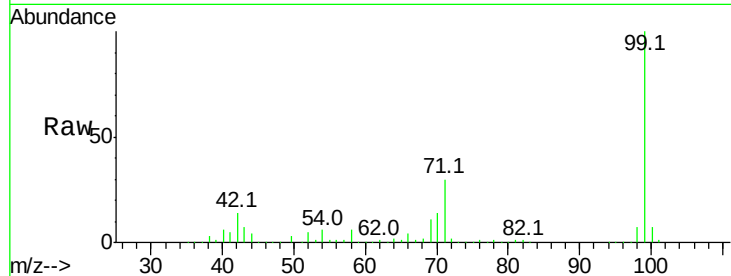
Tot Ion: 99 Resp: 899258

Ion Ratio Lower Upper

99 100

42 14.4 14.5 21.7#

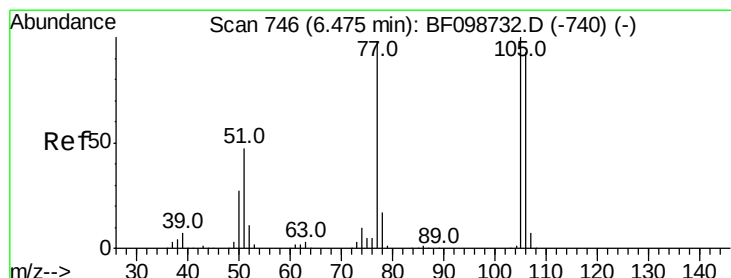
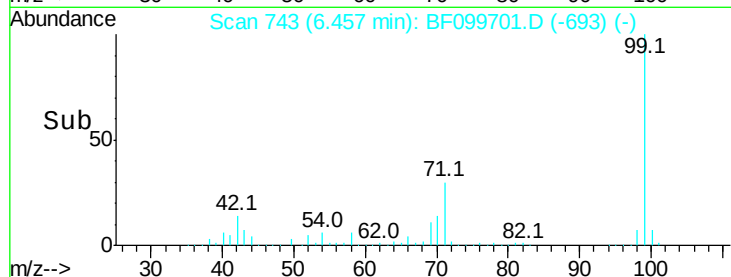
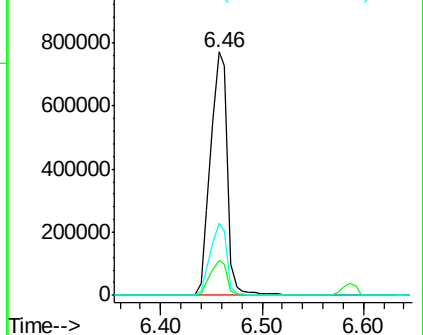
71 29.7 25.4 38.0



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: 3.097 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.21 min

Lab File: BF099701.D

Acq: 20 Oct 2017 15:24

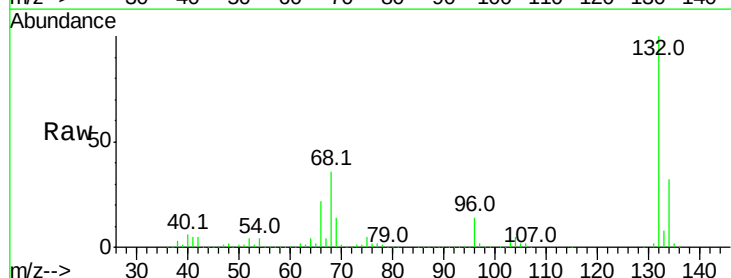
Tgt Ion: 77 Resp: 13616

Ion Ratio Lower Upper

77 100

105 85.3 81.1 121.1

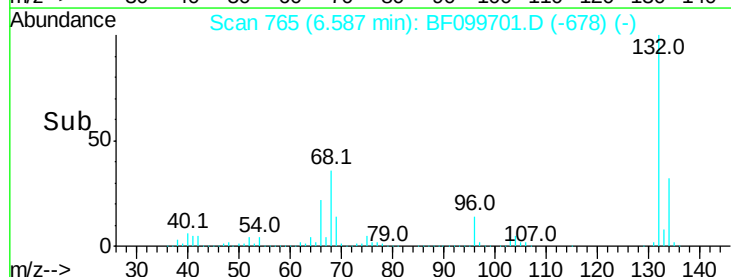
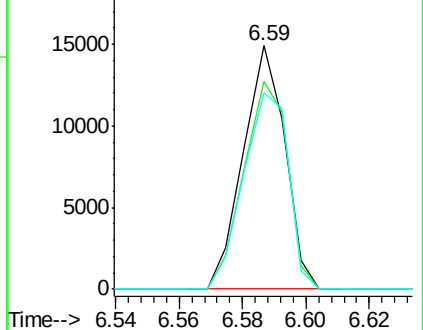
106 80.4 74.5 114.5

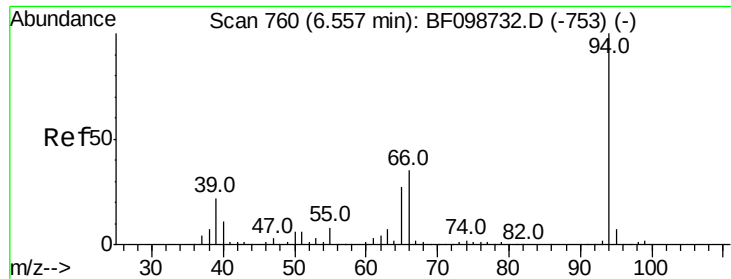


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

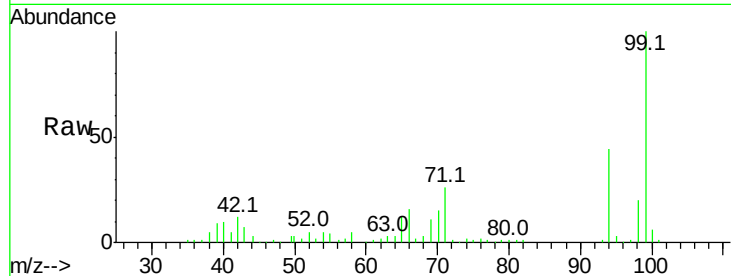




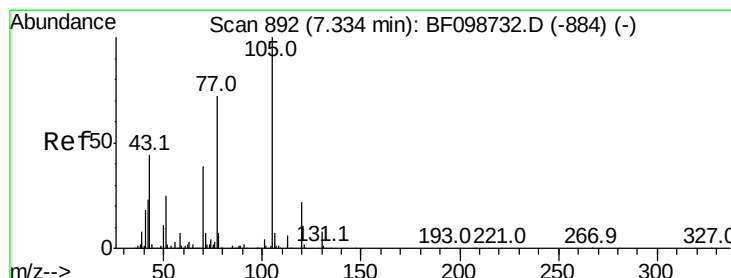
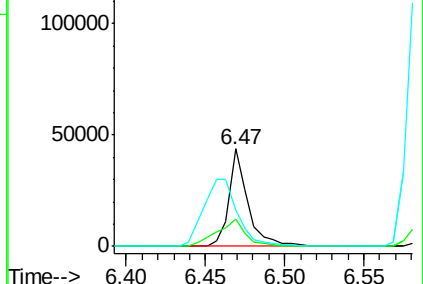
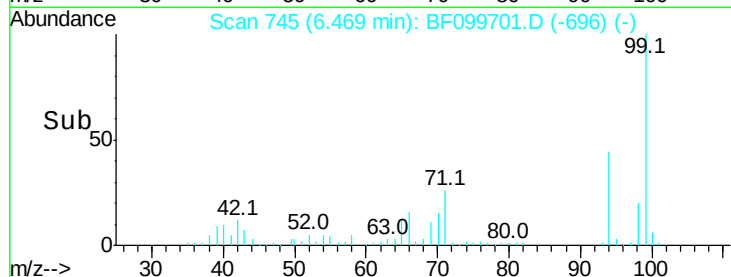
#10
Phenol
Concen: 4.337 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF099701.D
Acq: 20 Oct 2017 15:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 94 Resp: 36769
Ion Ratio Lower Upper
94 100
65 27.5 7.9 47.9
66 37.1 16.2 56.2

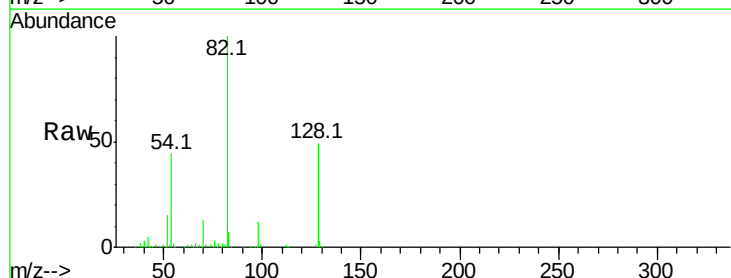


Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

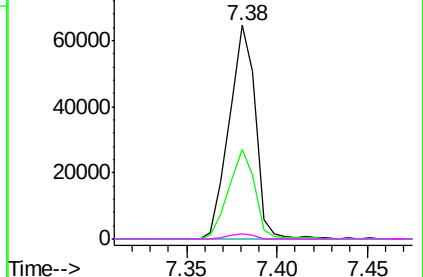
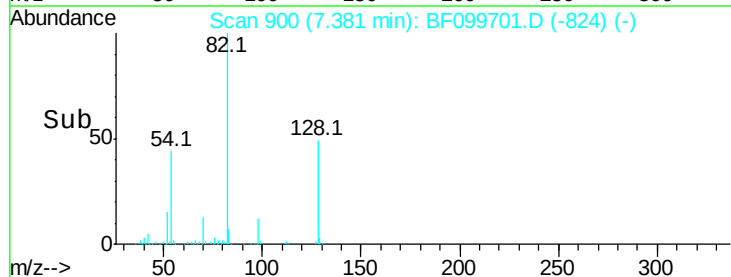


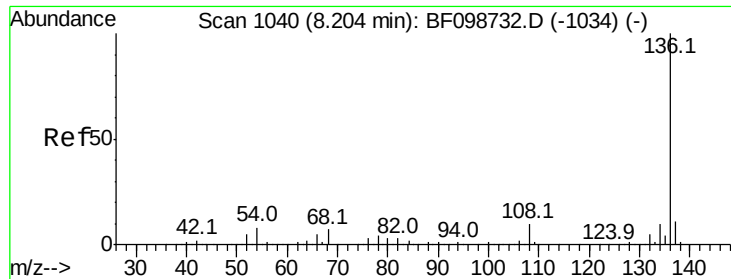
#19
n-Nitroso-di-n-propylamine
Concen: 13.562 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.15 min
Lab File: BF099701.D
Acq: 20 Oct 2017 15:24

Tgt Ion: 70 Resp: 65633
Ion Ratio Lower Upper
70 100
42 42.1 47.5 71.3#
101 0.0 7.4 11.2#
130 2.7 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

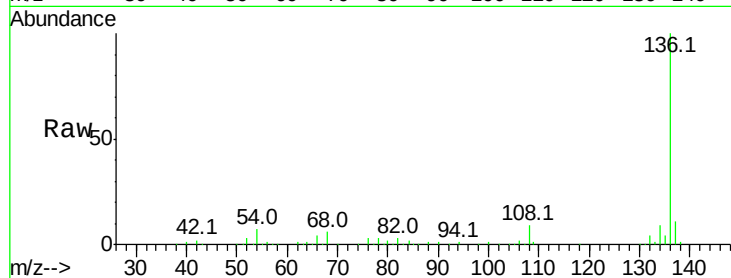




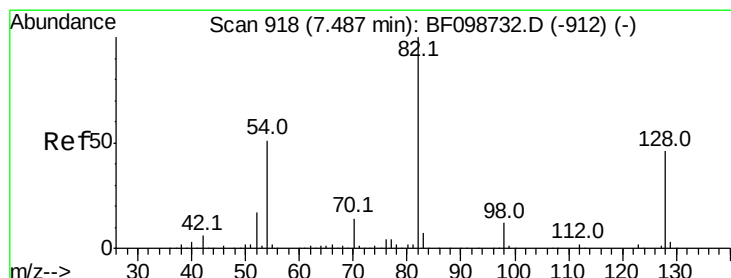
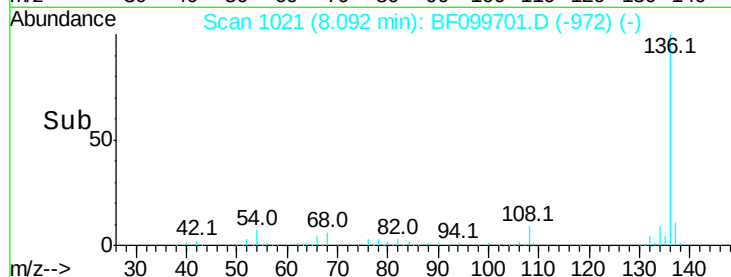
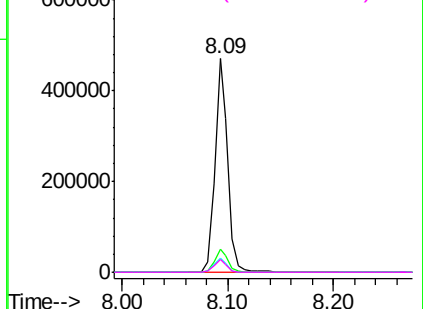
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF099701.D
Acq: 20 Oct 2017 15:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	401970
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.7	6.6	9.8
68	5.8	5.0	7.4

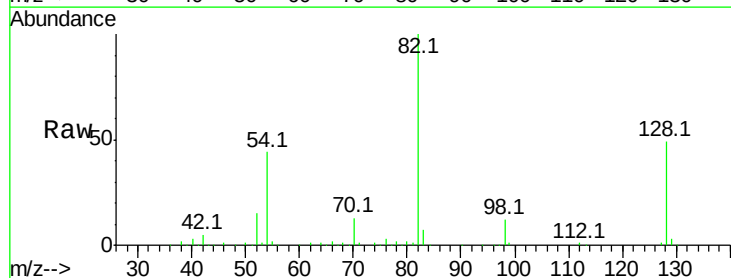


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

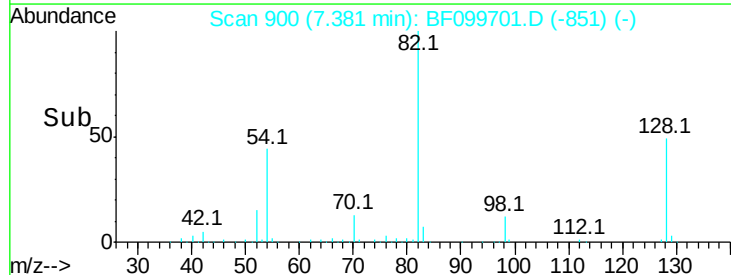
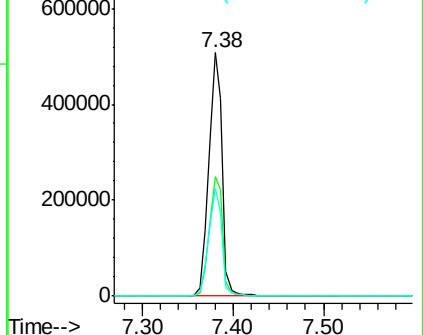


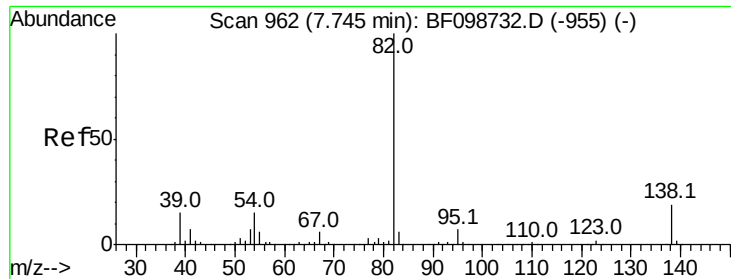
#23
Nitrobenzene-d5
Concen: 84.346 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF099701.D
Acq: 20 Oct 2017 15:24

Tgt Ion:	82	Resp:	528683
Ion	Ratio	Lower	Upper
82	100		
128	49.3	36.1	54.1
54	44.2	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: 40.796 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.26 min

Lab File: BF099701.D

Acq: 20 Oct 2017 15:24

Instrument :

BNA_F

ClientSampleId :

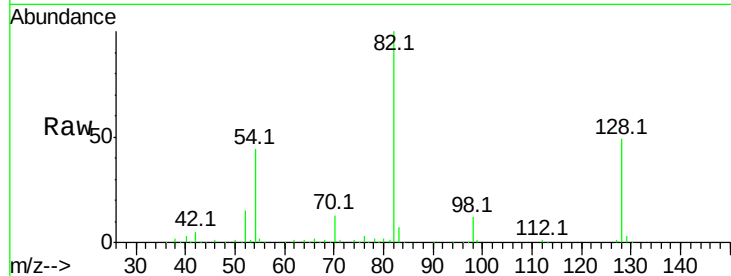
Tot Ion: 82 Resp: 528683

Ion Ratio Lower Upper

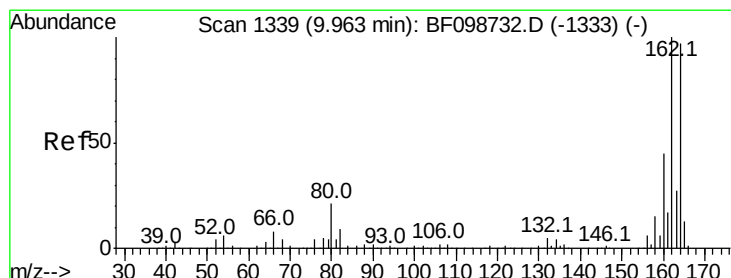
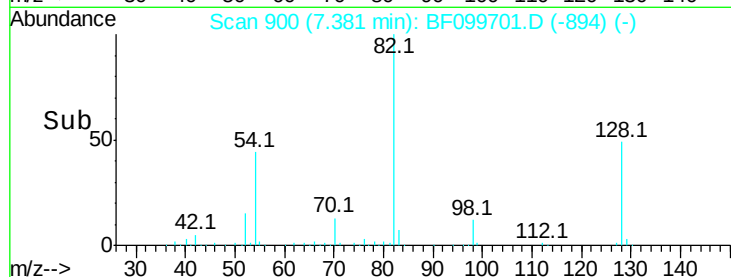
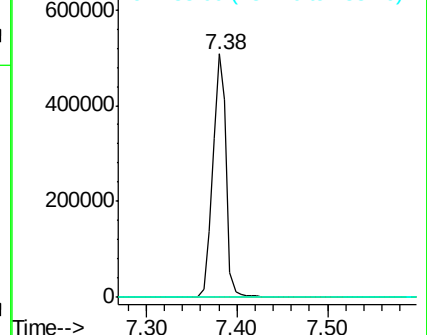
82 100

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: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF099701.D

Acq: 20 Oct 2017 15:24

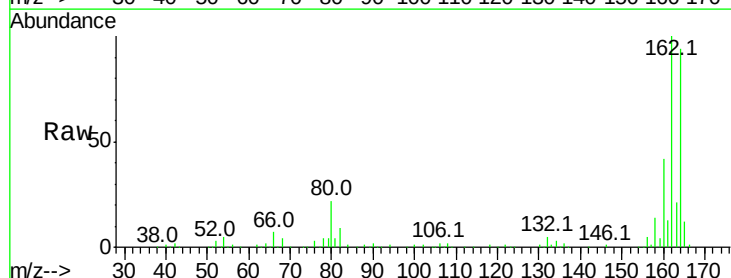
Tgt Ion:164 Resp: 176425

Ion Ratio Lower Upper

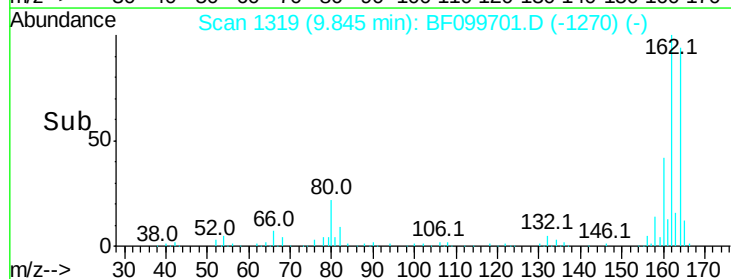
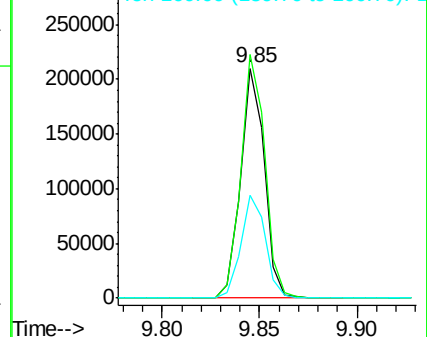
164 100

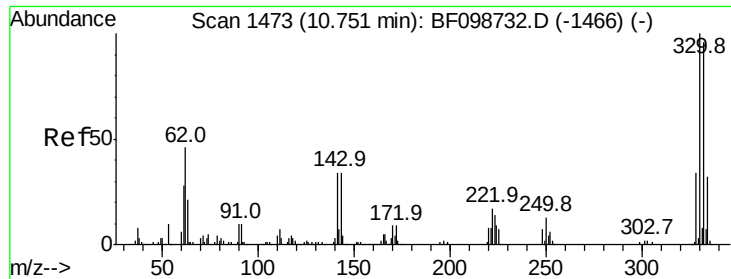
162 106.0 86.1 129.1

160 44.7 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

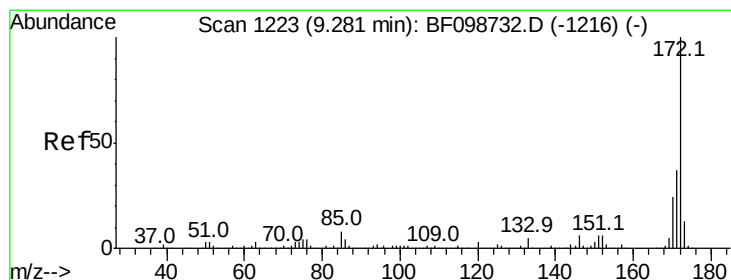
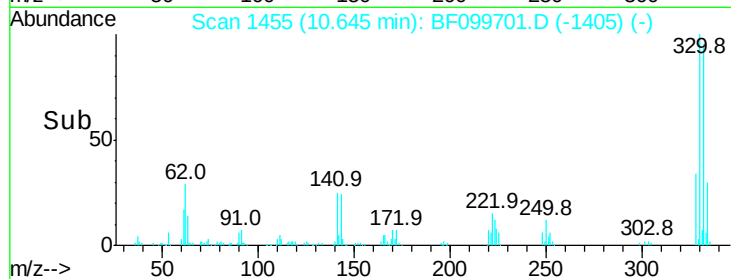
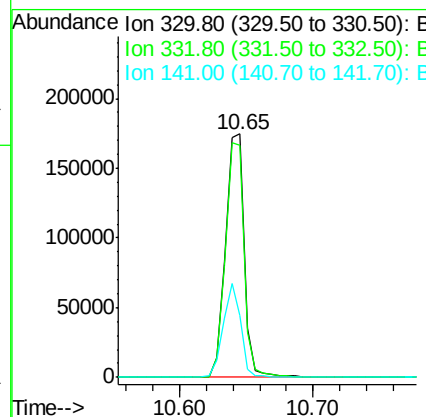
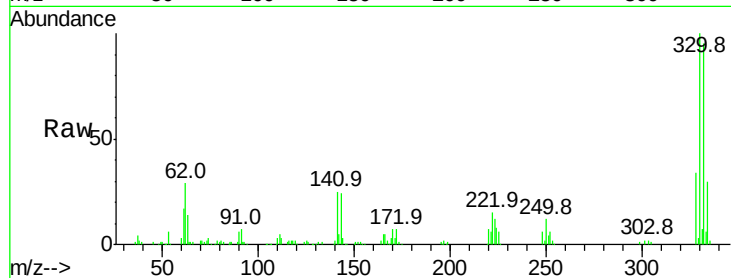




#41
 2,4,6-Tribromophenol
 Concen: 120.891 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099701.D
 Acq: 20 Oct 2017 15:24

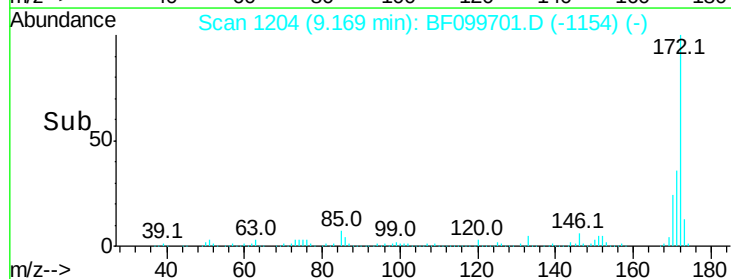
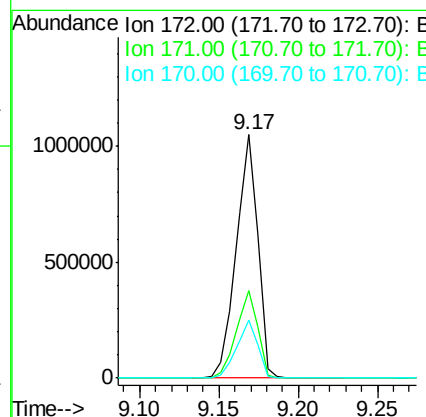
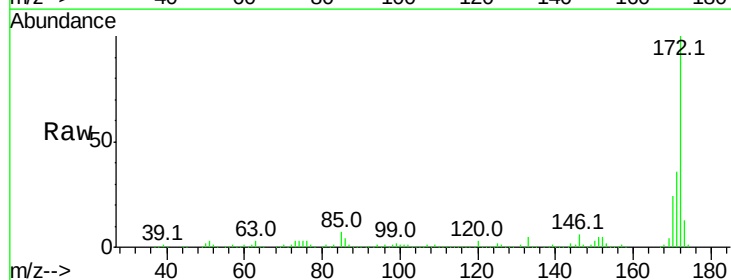
Instrument :
 BNA_F
 ClientSampleId :

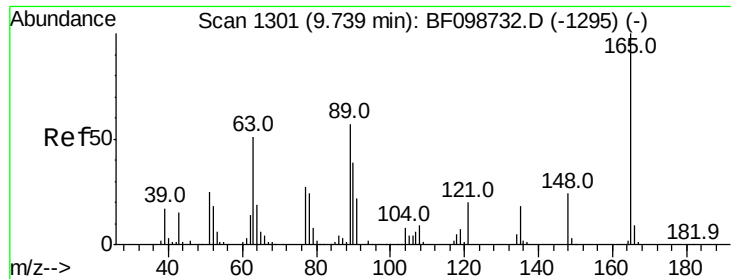
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	35.9	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 93.624 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF099701.D
 Acq: 20 Oct 2017 15:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.8	19.6	29.4

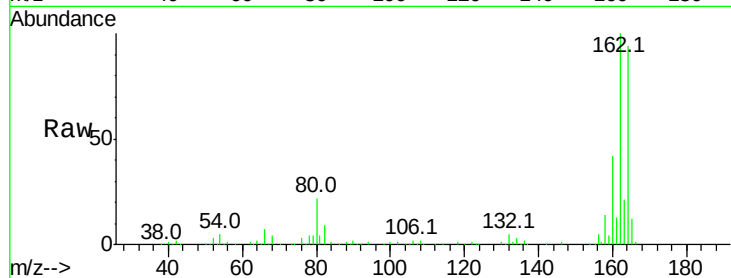




#50
 2,6-Dinitrotoluene
 Concen: 7.655 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.19 min
 Lab File: BF099701.D
 Acq: 20 Oct 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :

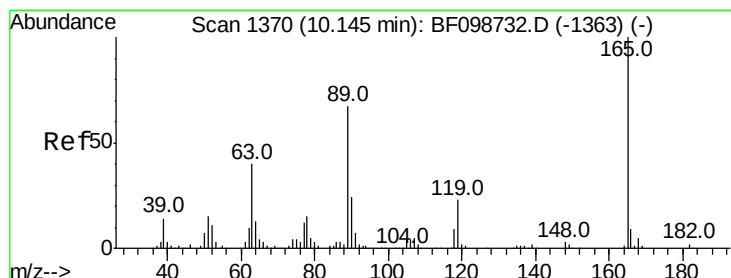
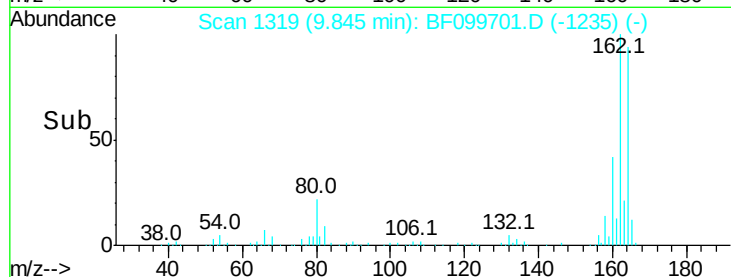
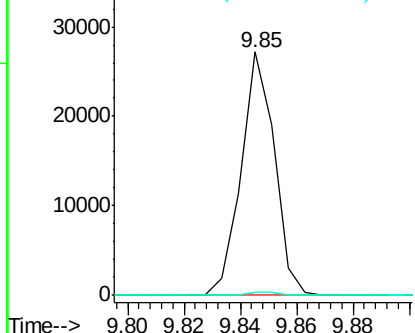
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.2	44.0	66.0#



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



#56
 2,4-Dinitrotoluene
 Concen: 5.898 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF099701.D
 Acq: 20 Oct 2017 15:24

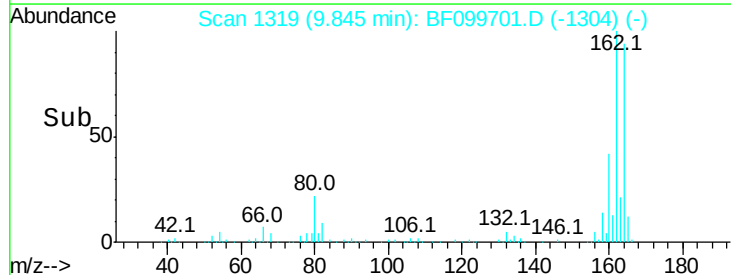
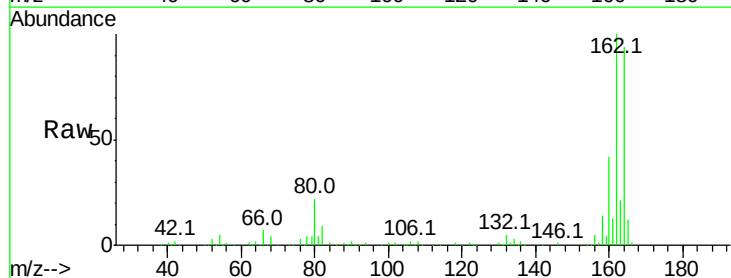
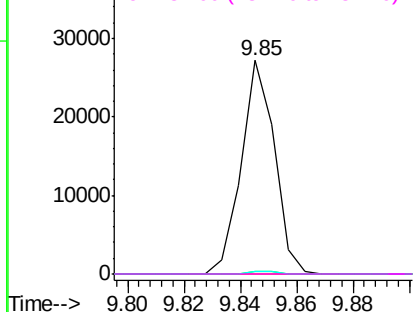
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

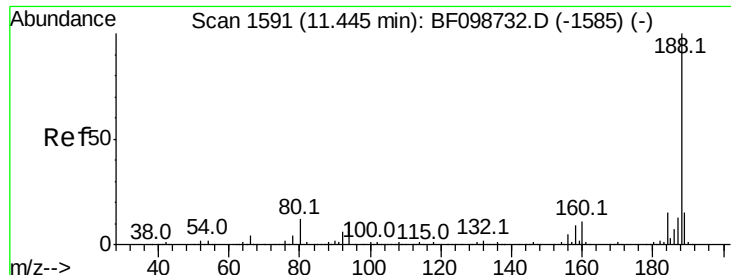
Abundance Ion 165.00 (164.70 to 165.70): E

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

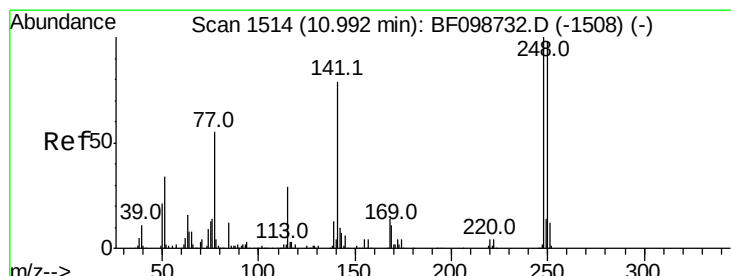
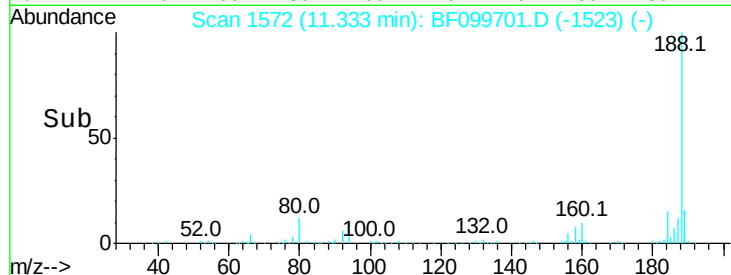
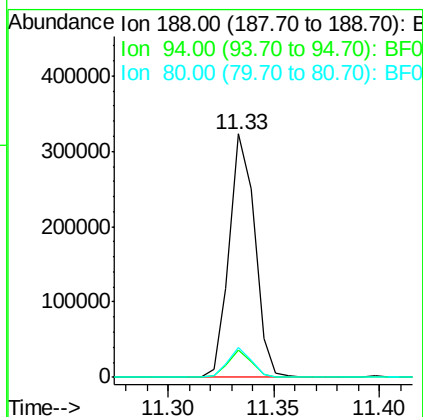
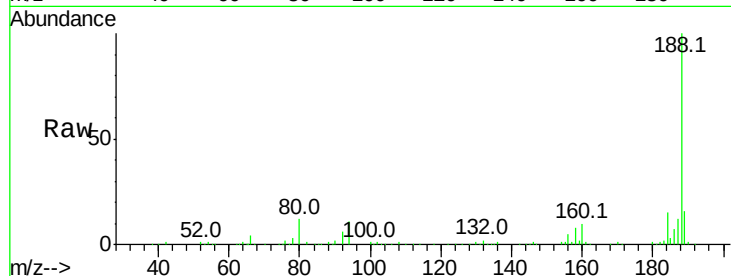




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF099701.D
 Acq: 20 Oct 2017 15:24

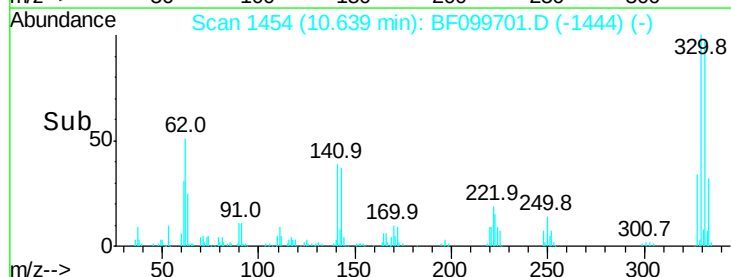
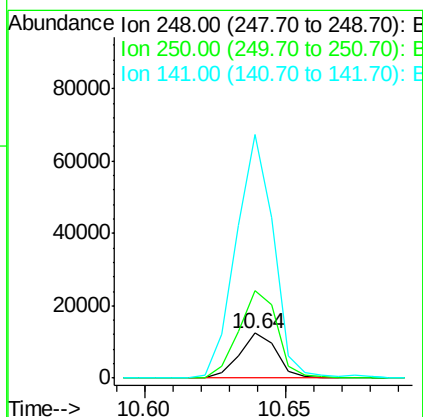
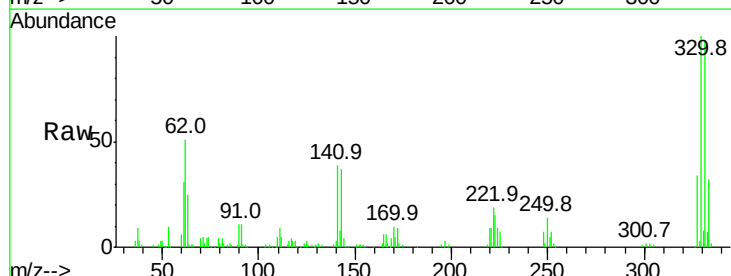
Instrument :
 BNA_F
 ClientSampleId :

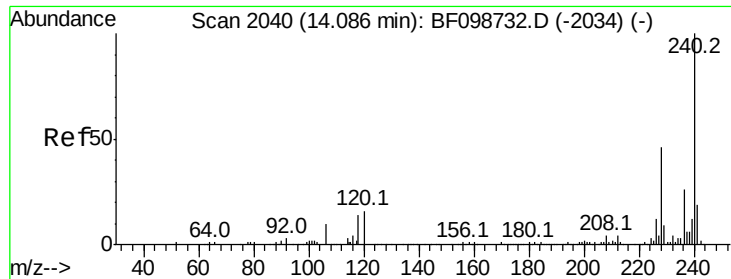
Tot Ion:188 Resp: 269398
 Ion Ratio Lower Upper
 188 100
 94 11.2 8.5 12.7
 80 12.3 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 4.279 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF099701.D
 Acq: 20 Oct 2017 15:24

Tgt Ion:248 Resp: 11284
 Ion Ratio Lower Upper
 248 100
 250 195.3 76.9 115.3#
 141 541.4 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF099701.D

Acq: 20 Oct 2017 15:24

Instrument :

BNA_F

ClientSampleId :

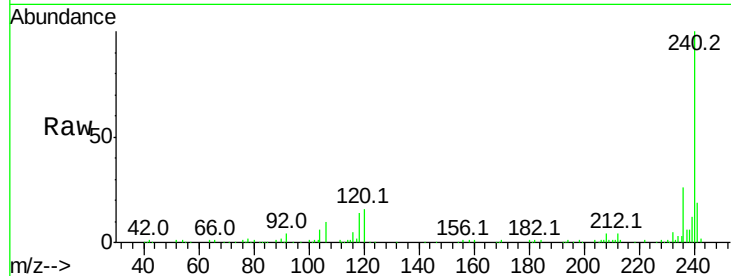
Tot Ion:240 Resp: 165321

Ion Ratio Lower Upper

240 100

120 15.7 9.5 14.3#

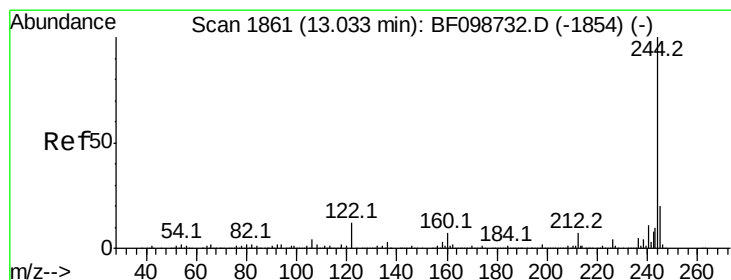
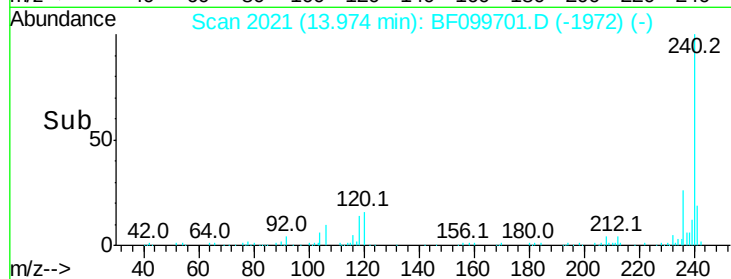
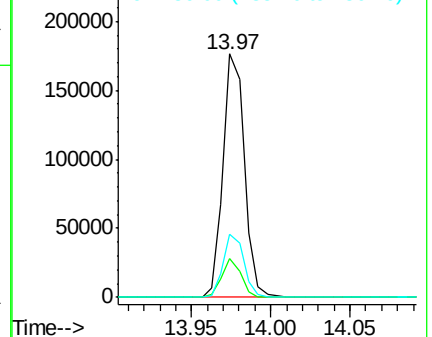
236 25.7 20.7 31.1



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: 86.083 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF099701.D

Acq: 20 Oct 2017 15:24

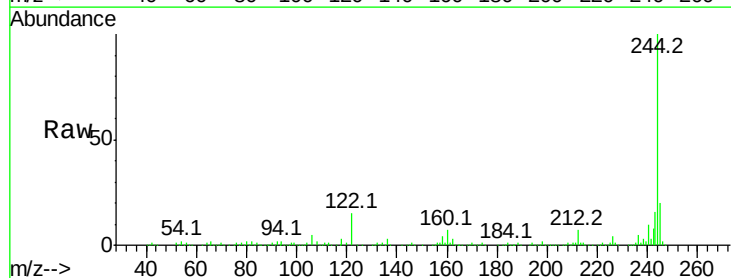
Tgt Ion:244 Resp: 625774

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

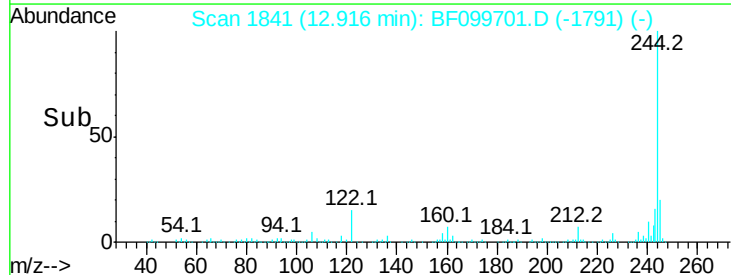
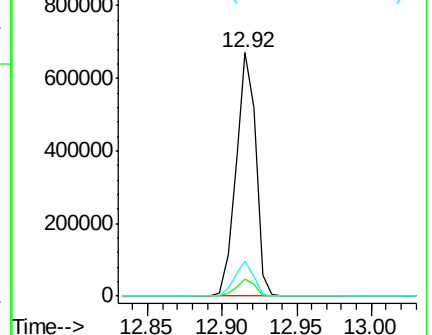
122 14.5 11.0 16.4

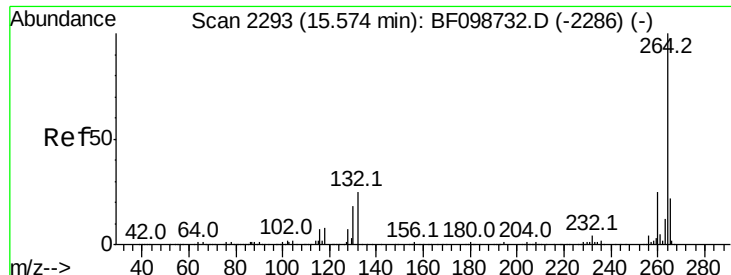


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

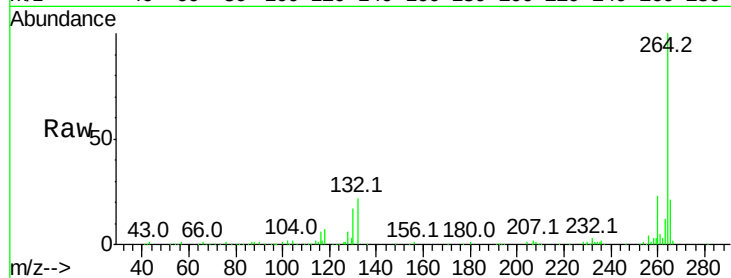




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: BF099701.D
 Acq: 20 Oct 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.3	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

