

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099345.D
 Acq On : 11 Oct 2017 14:45
 Operator : SJ/JU
 Sample : I5748-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 11 15:31:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

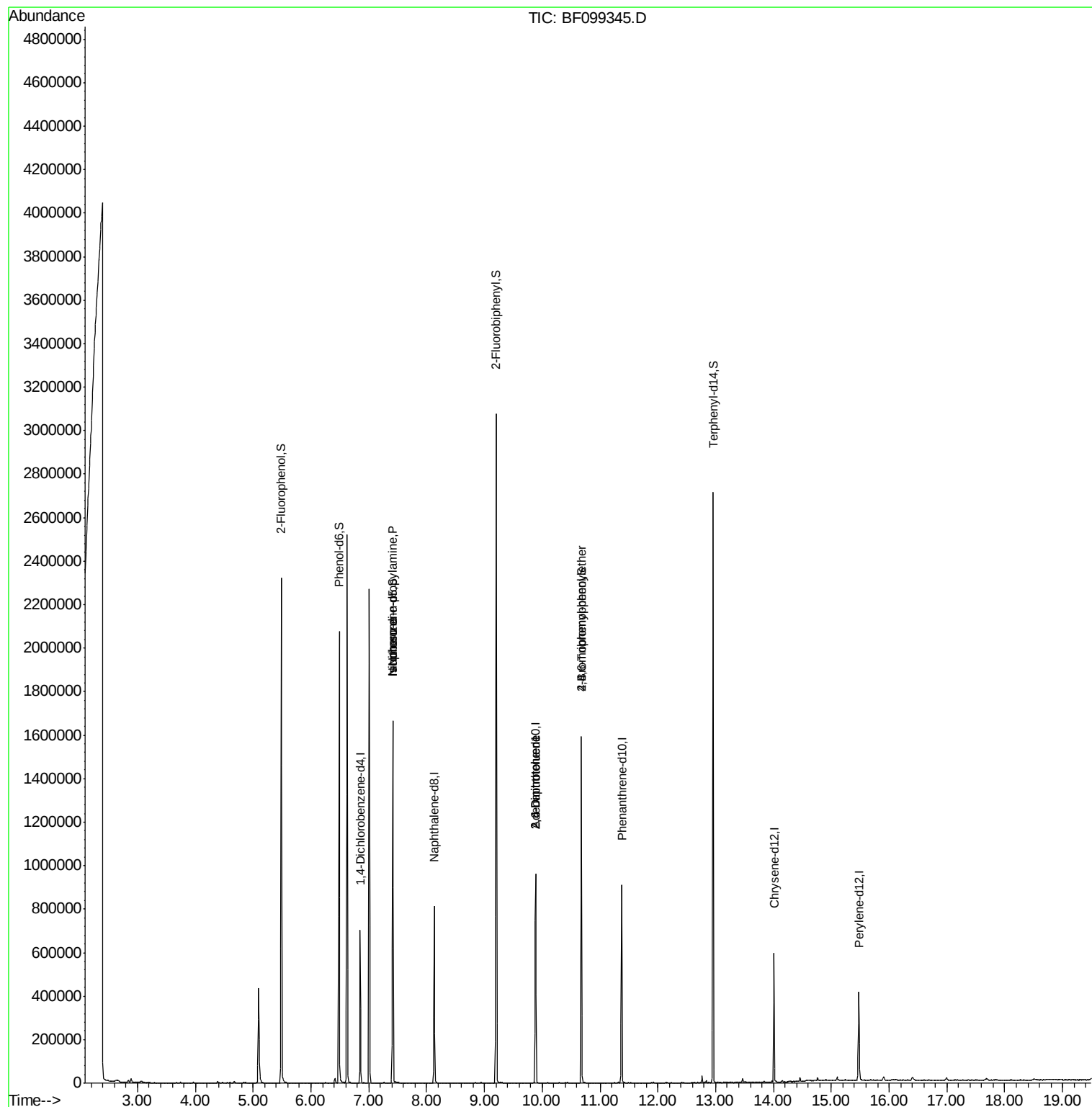
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	98370	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	409973	20.00	ng	-0.02
38) Acenaphthene-d10	9.89	164	191172	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	329639	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	183675	20.00	ng	-0.02
86) Perylene-d12	15.47	264	169694	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	716395	115.93	ng	0.00
7) Phenol-d6	6.49	99	760839	99.81	ng	-0.01
23) Nitrobenzene-d5	7.42	82	577936	90.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	205598	131.43	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1099778	96.04	ng	-0.02
78) Terphenyl-d14	12.96	244	883791	109.43	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	72440	14.884	ng	# 74
25) Isophorone	7.42	82	577932	43.726	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	24419	7.774	ng	# 25
56) 2,4-Dinitrotoluene	9.89	165	24419	5.990	ng	# 22
66) 4-Bromophenyl-phenylether	10.68	248	13708	4.248	ng	# 1

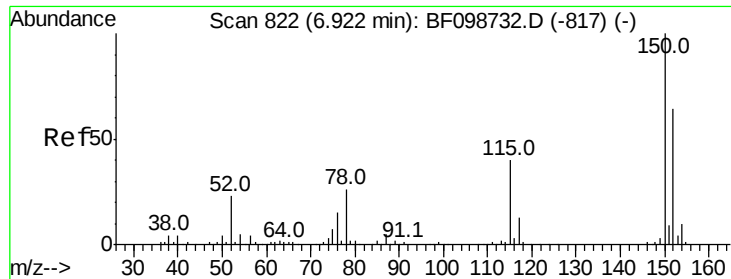
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
Data File : BF099345.D
Acq On : 11 Oct 2017 14:45
Operator : SJ/JU
Sample : I5748-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 11 15:31:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration



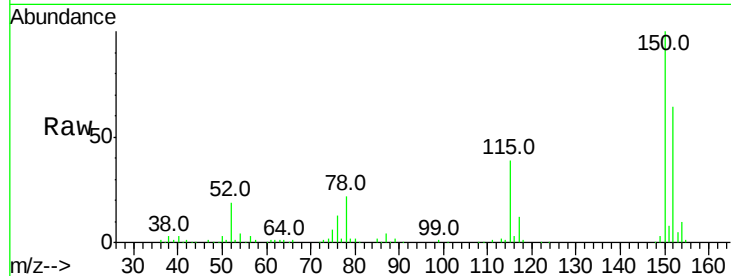


#1

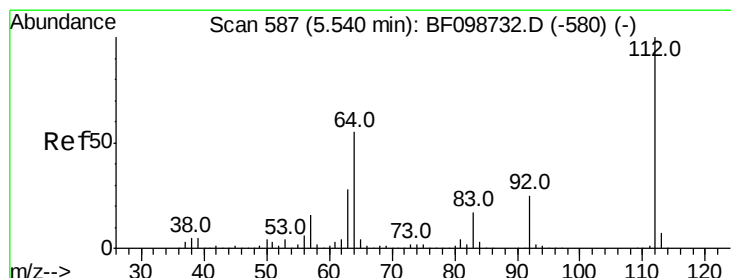
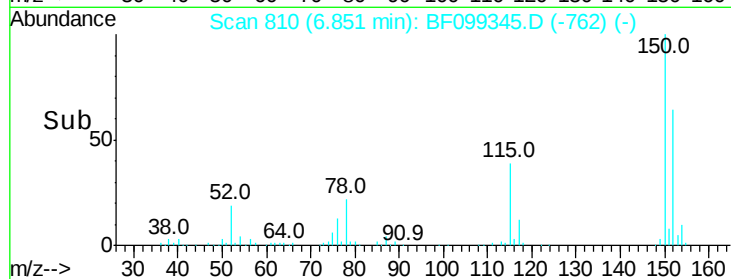
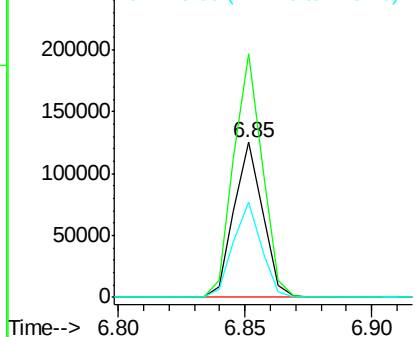
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BF099345.D
 Acq: 11 Oct 2017 14:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 98370
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.6 186.8
 115 61.1 50.1 75.1



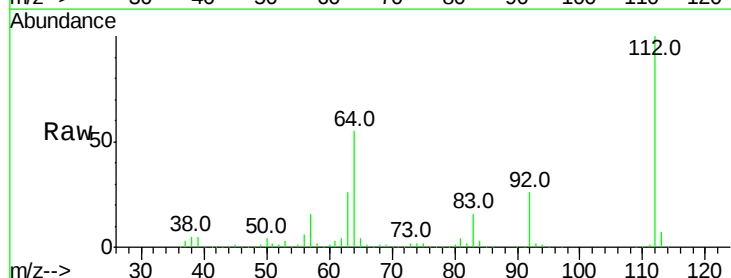
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



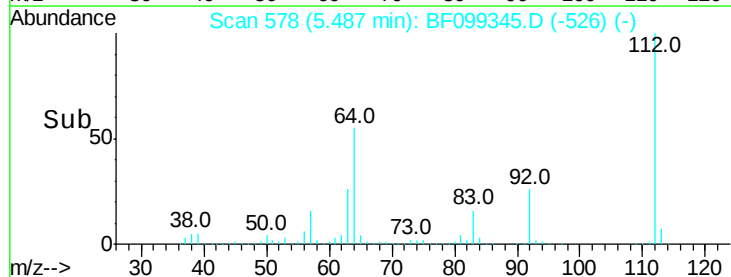
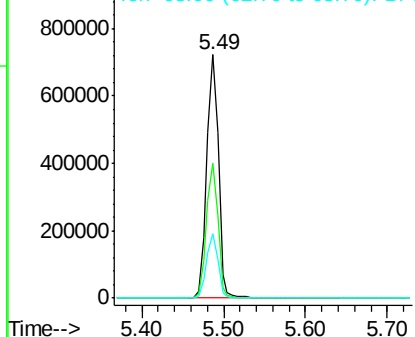
#5

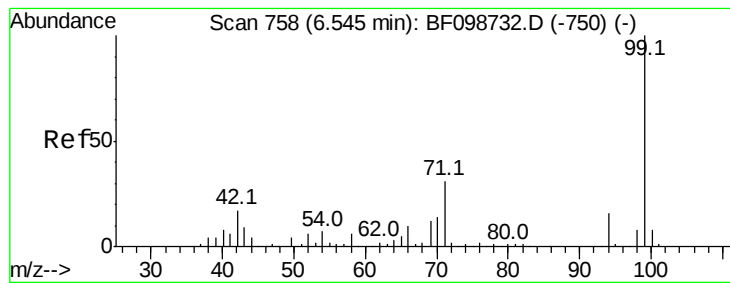
2-Fluorophenol
 Concen: 115.933 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF099345.D
 Acq: 11 Oct 2017 14:45

Tgt Ion:112 Resp: 716395
 Ion Ratio Lower Upper
 112 100
 64 55.1 47.9 71.9
 63 26.5 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: 99.808 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF099345.D

Acq: 11 Oct 2017 14:45

Instrument :

BNA_F

ClientSampleId :

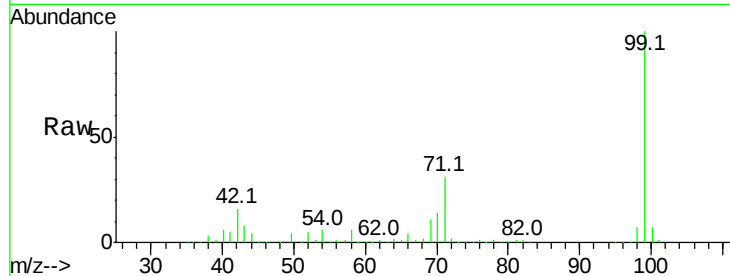
Tot Ion: 99 Resp: 760839

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

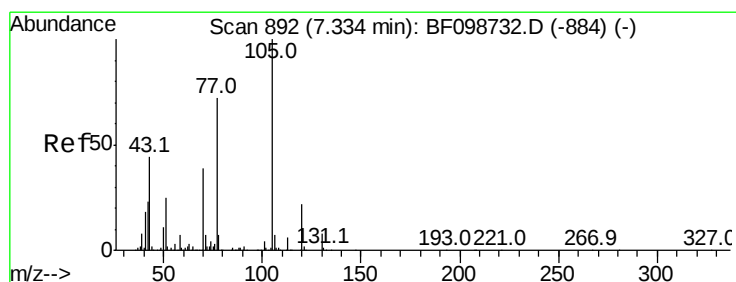
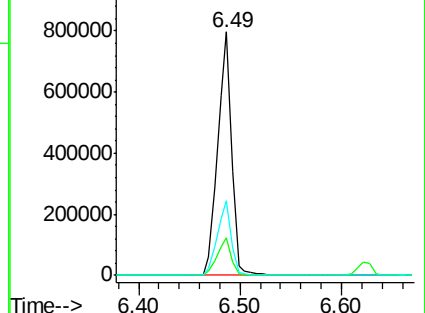
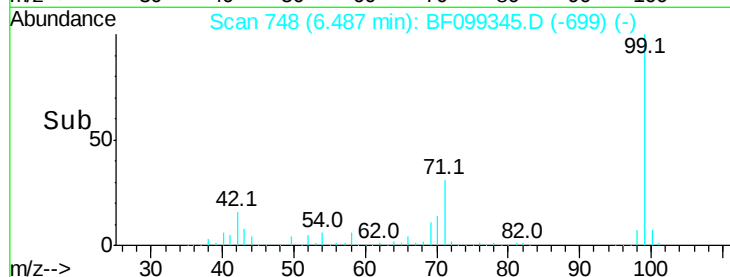
71 30.8 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.884 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.13 min

Lab File: BF099345.D

Acq: 11 Oct 2017 14:45

Tgt Ion: 70 Resp: 72440

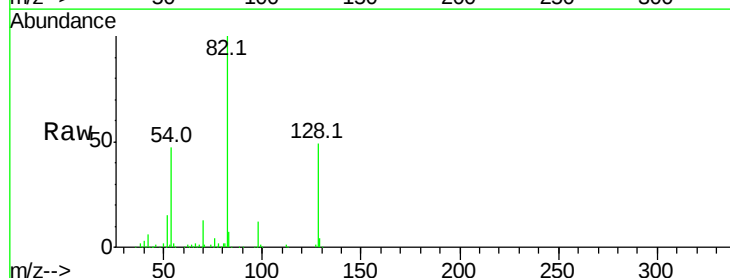
Ion Ratio Lower Upper

70 100

42 43.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

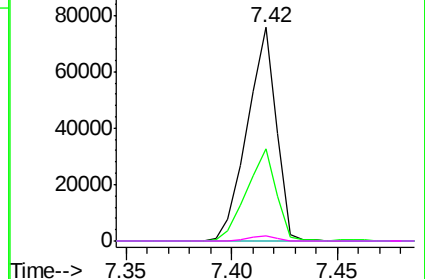
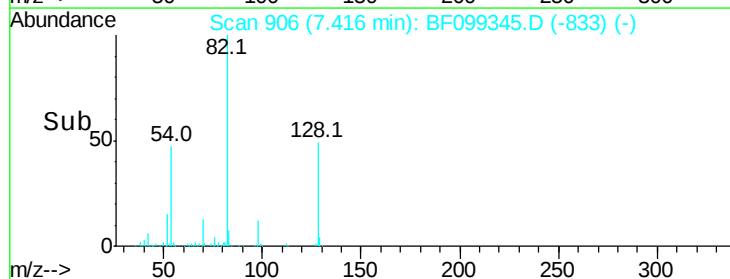


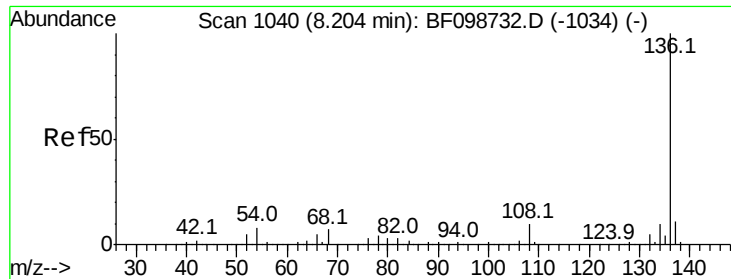
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

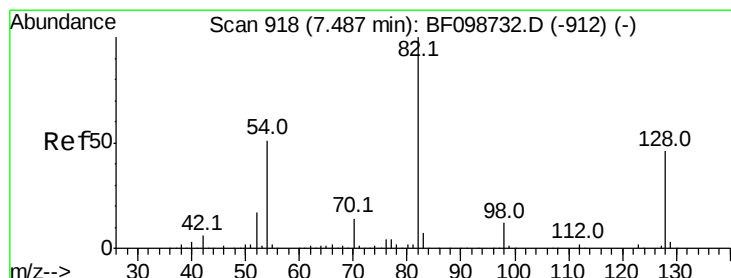
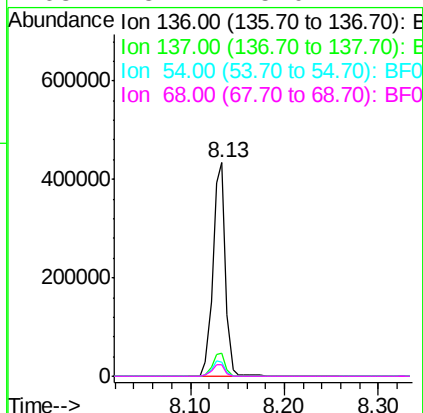
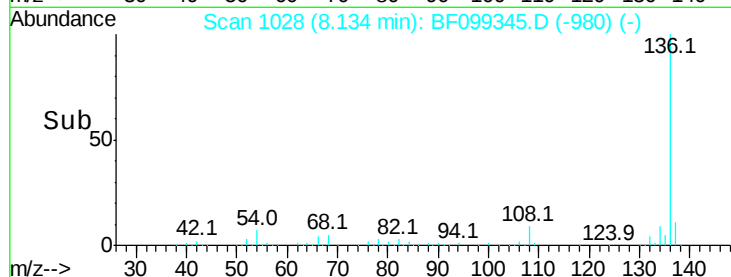
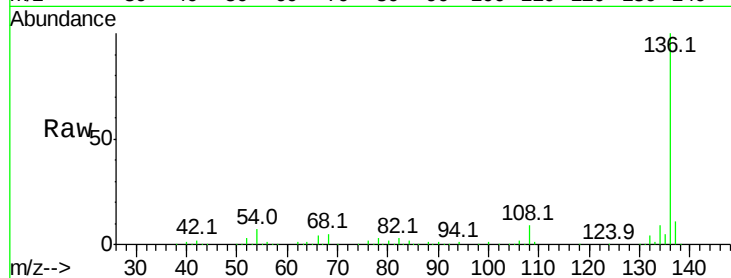




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF099345.D
Acq: 11 Oct 2017 14:45

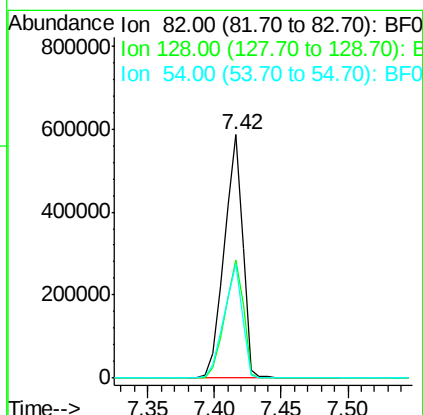
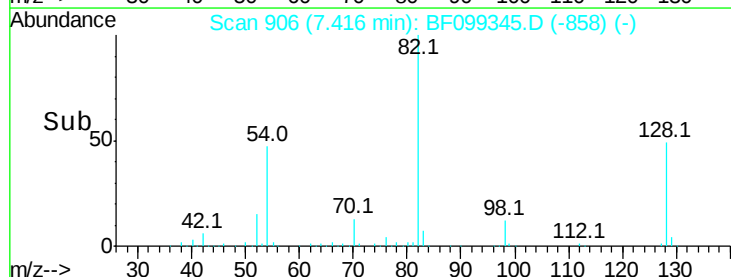
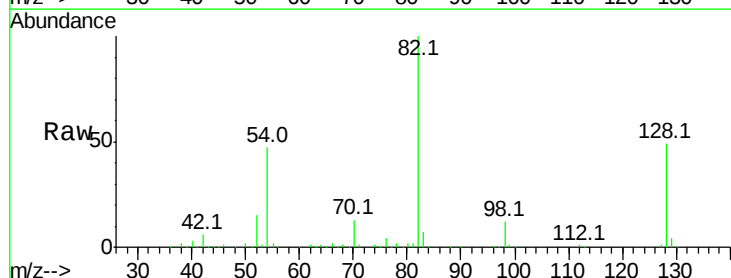
Instrument :
BNA_F
ClientSampleId :

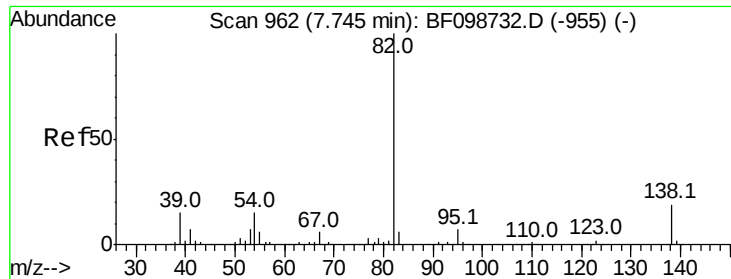
Tot Ion:	136	Resp:	409973
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.5	6.6	9.8#
68	5.2	5.0	7.4



#23
Nitrobenzene-d5
Concen: 90.404 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.02 min
Lab File: BF099345.D
Acq: 11 Oct 2017 14:45

Tgt Ion:	82	Resp:	577936
Ion	Ratio	Lower	Upper
82	100		
128	48.7	36.1	54.1
54	47.1	41.4	62.2





#25

Isophorone

Concen: 43.726 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.28 min

Lab File: BF099345.D

Acq: 11 Oct 2017 14:45

Instrument :

BNA_F

ClientSampleId :

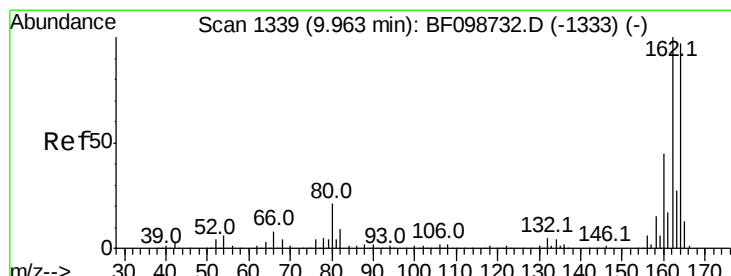
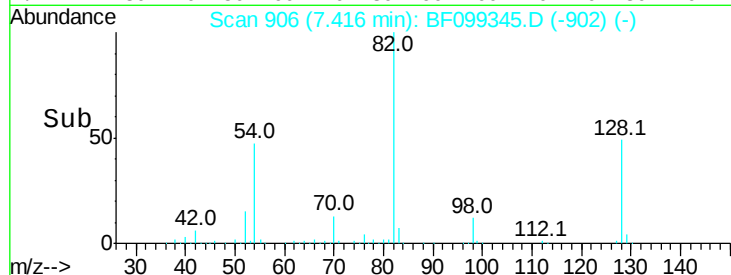
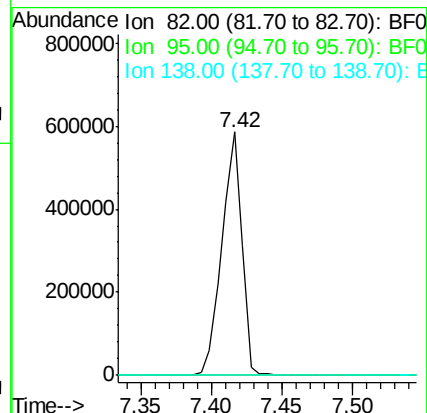
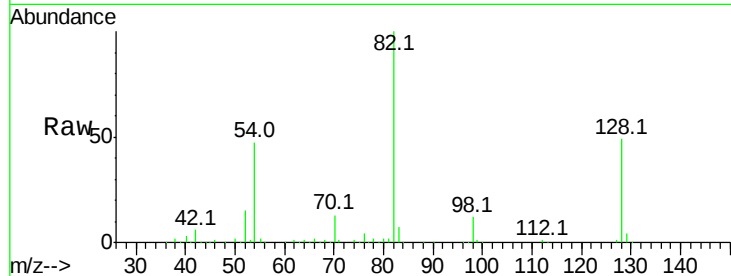
Tot Ion: 82 Resp: 577932

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF099345.D

Acq: 11 Oct 2017 14:45

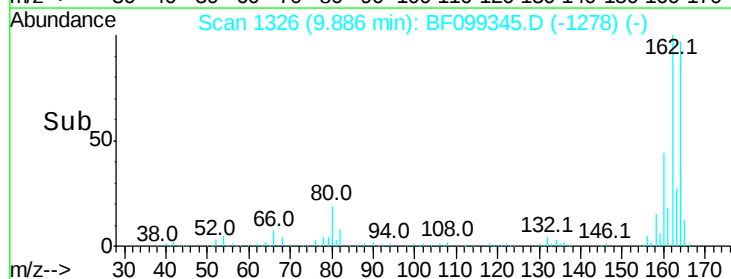
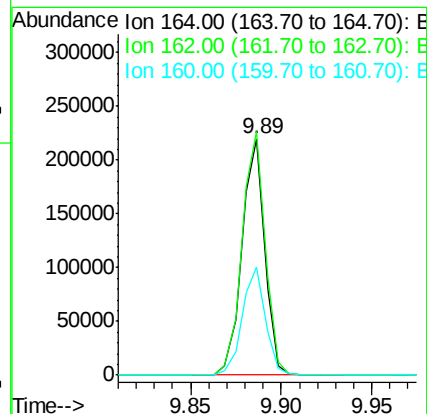
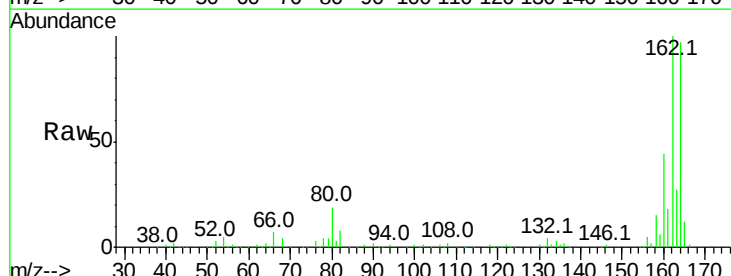
Tgt Ion:164 Resp: 191172

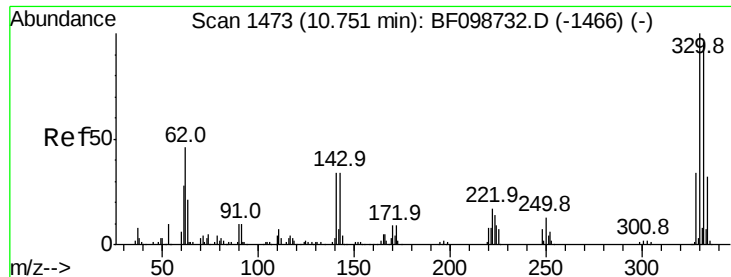
Ion Ratio Lower Upper

164 100

162 103.0 86.1 129.1

160 45.5 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 131.431 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.02 min

Lab File: BF099345.D

Acq: 11 Oct 2017 14:45

Instrument :

BNA_F

ClientSampleId :

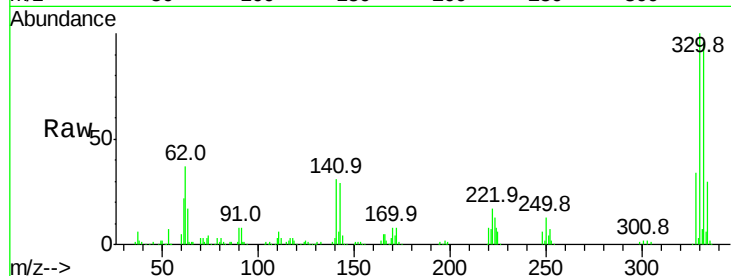
Tot Ion:330 Resp: 205598

Ion Ratio Lower Upper

330 100

332 97.9 77.0 115.6

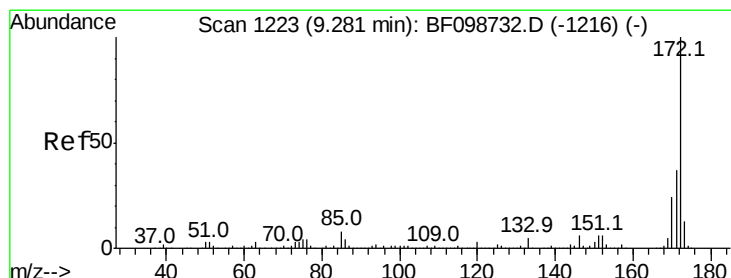
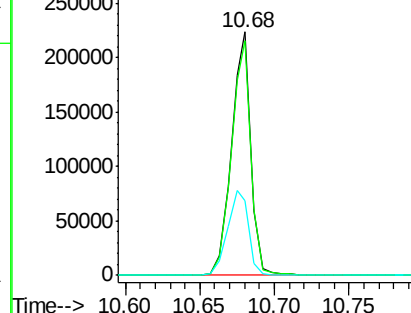
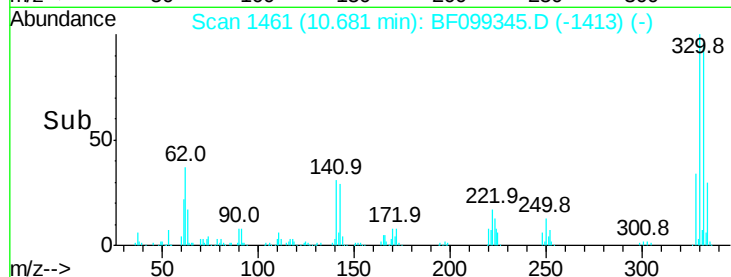
141 37.9 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 96.039 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.02 min

Lab File: BF099345.D

Acq: 11 Oct 2017 14:45

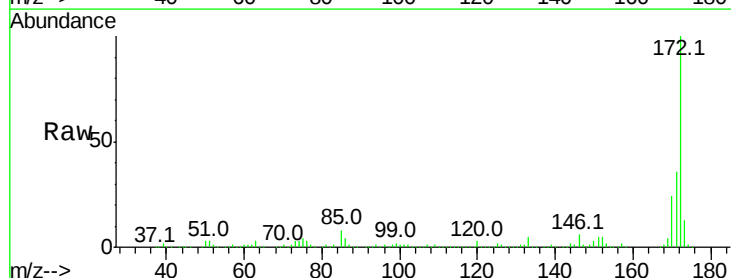
Tgt Ion:172 Resp: 1099778

Ion Ratio Lower Upper

172 100

171 36.0 29.7 44.5

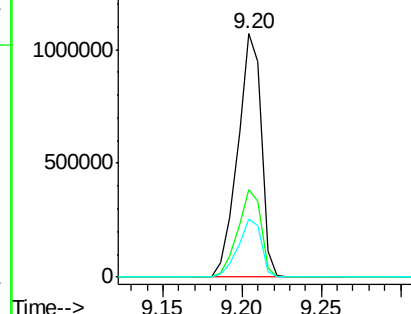
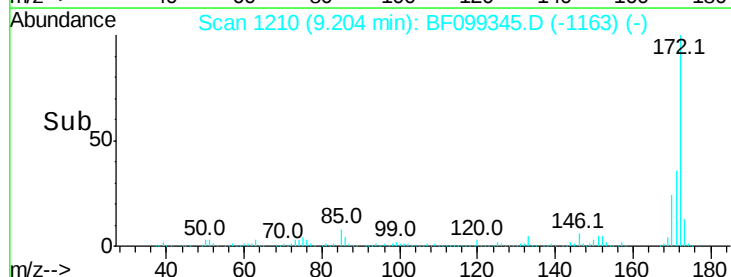
170 24.1 19.6 29.4

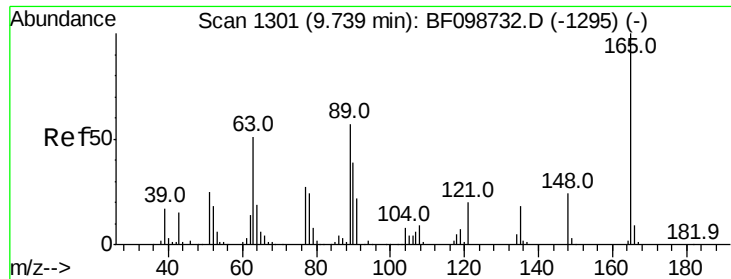


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

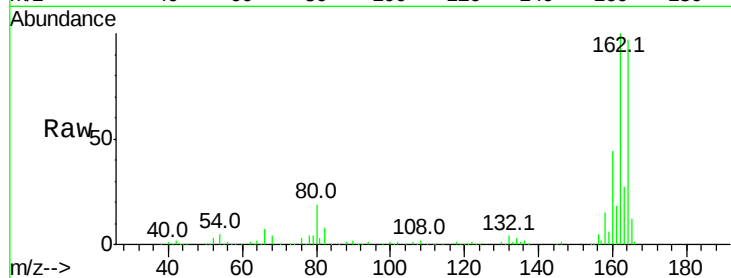




#50
2,6-Dinitrotoluene
Concen: 7.774 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.19 min
Lab File: BF099345.D
Acq: 11 Oct 2017 14:45

Instrument :
BNA_F
ClientSampleId :

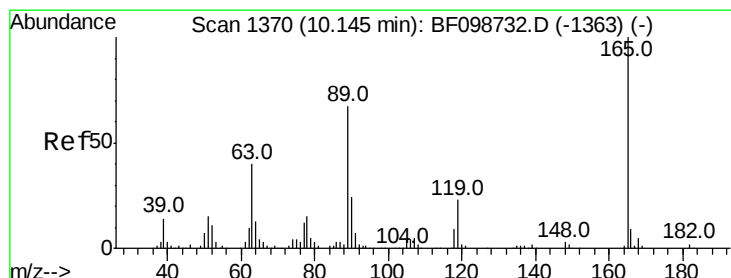
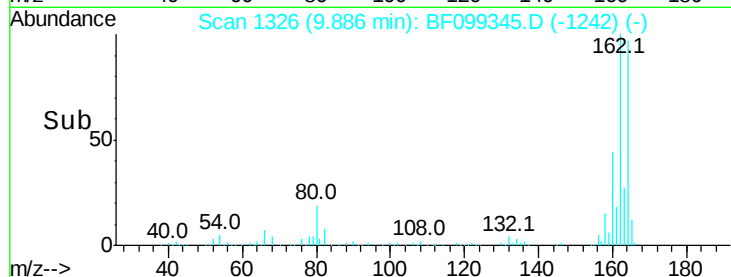
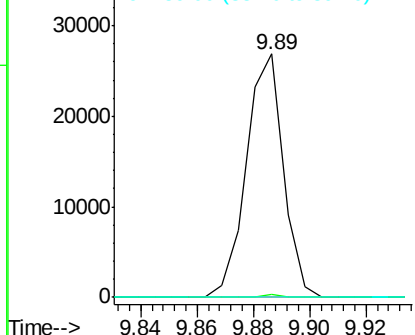
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	0.0	44.0	66.0#



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: 5.990 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.21 min
Lab File: BF099345.D
Acq: 11 Oct 2017 14:45

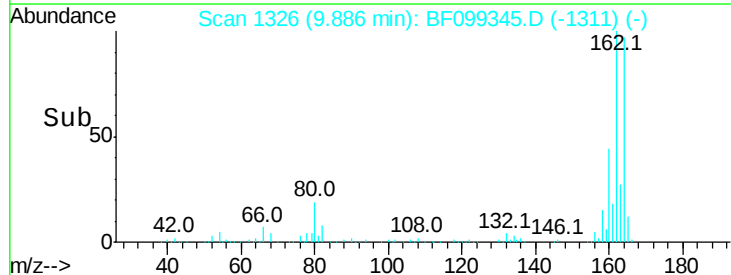
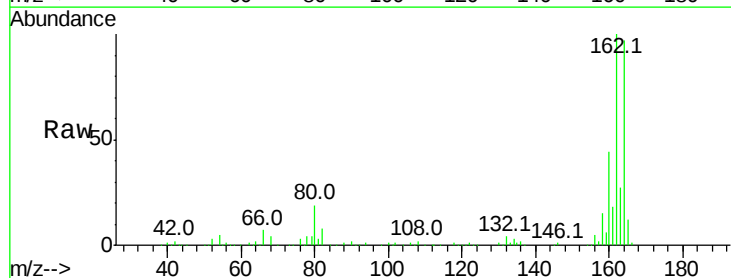
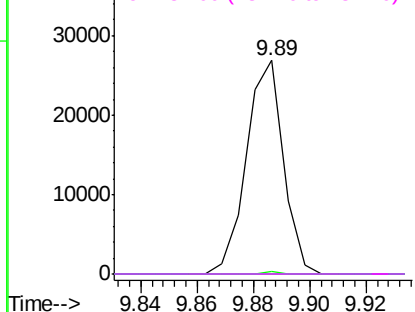
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

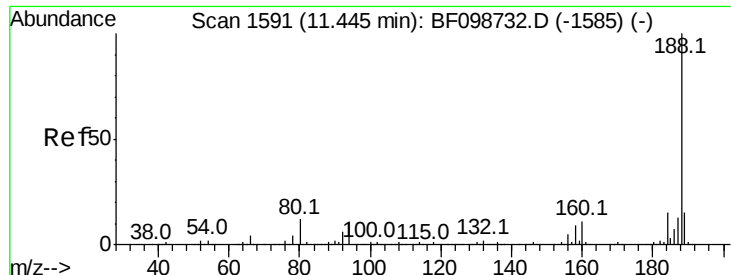
Abundance Ion 165.00 (164.70 to 165.70): E

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

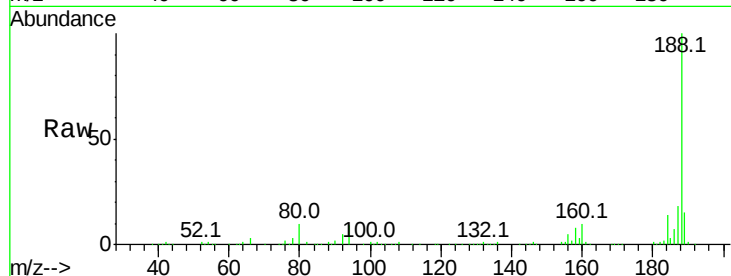




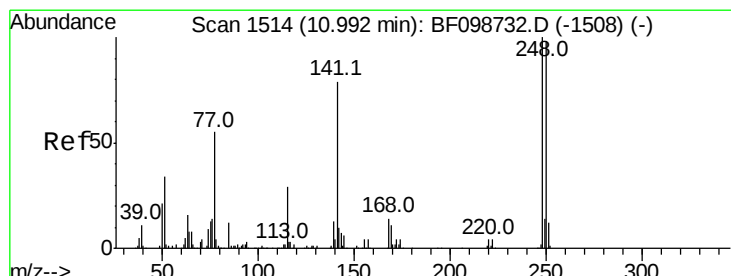
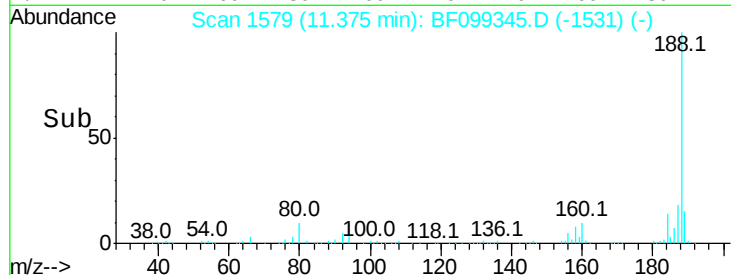
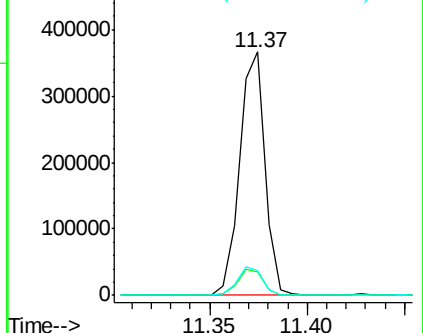
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.02 min
 Lab File: BF099345.D
 Acq: 11 Oct 2017 14:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 329639
 Ion Ratio Lower Upper
 188 100
 94 9.4 8.5 12.7
 80 10.4 9.2 13.8

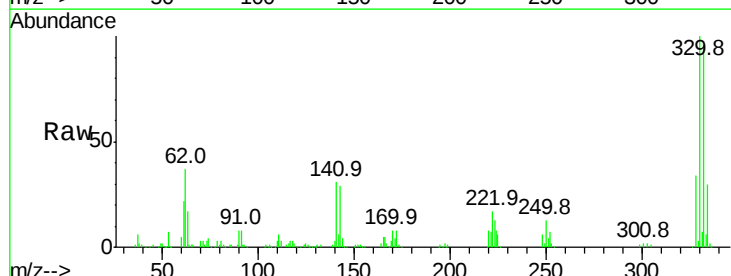


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

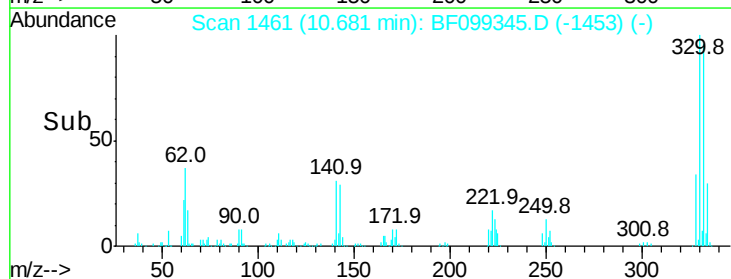
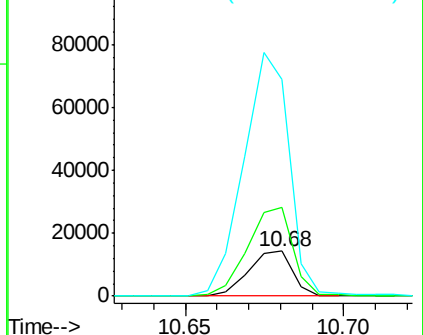


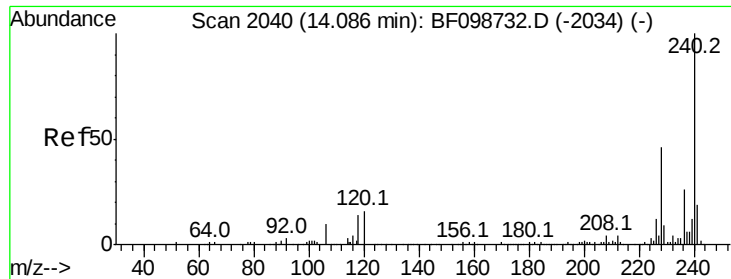
#66
 4-Bromophenyl-phenylether
 Concen: 4.248 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.25 min
 Lab File: BF099345.D
 Acq: 11 Oct 2017 14:45

Tgt Ion:248 Resp: 13708
 Ion Ratio Lower Upper
 248 100
 250 199.0 76.9 115.3#
 141 483.7 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

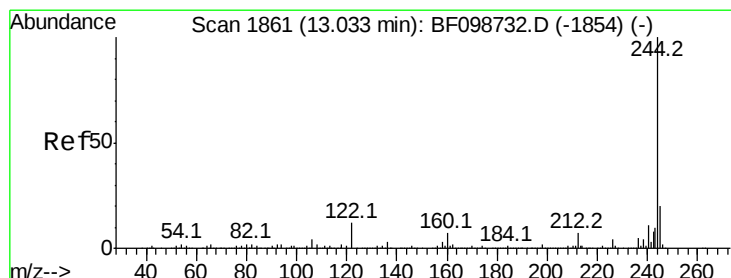
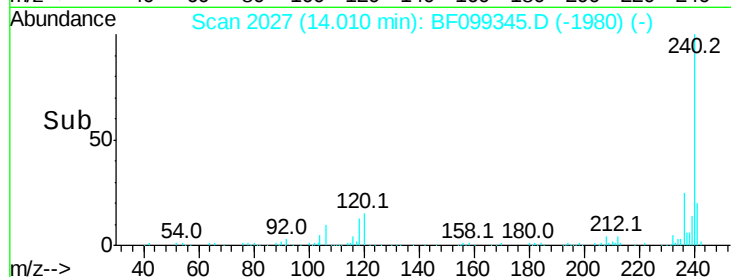
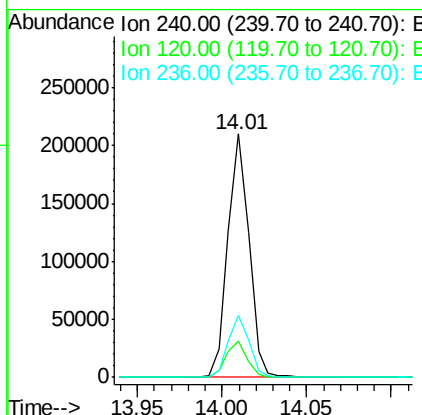
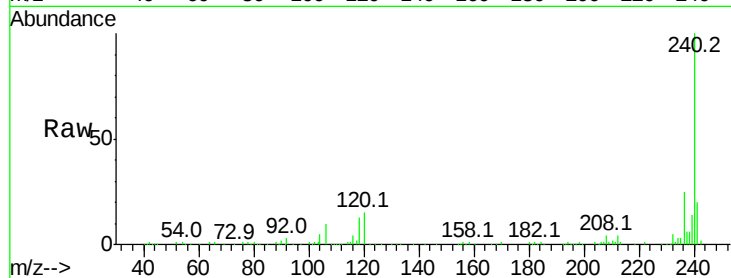




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF099345.D
 Acq: 11 Oct 2017 14:45

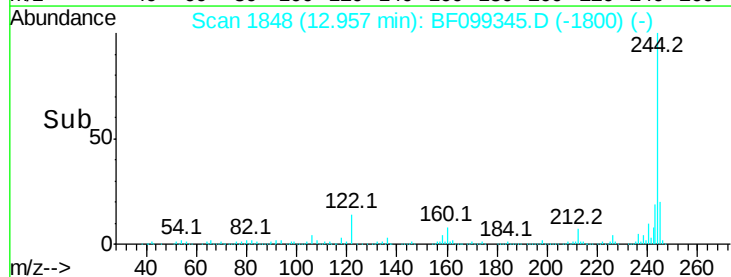
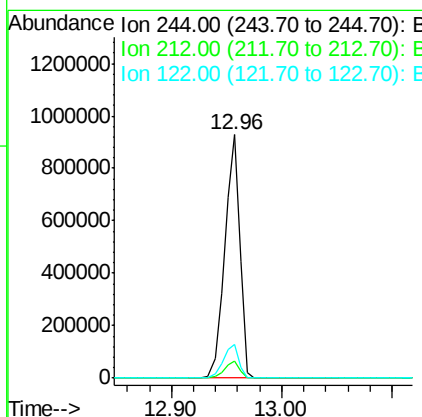
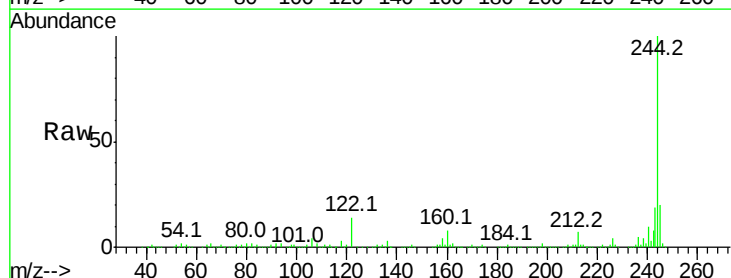
Instrument :
 BNA_F
 ClientSampled :

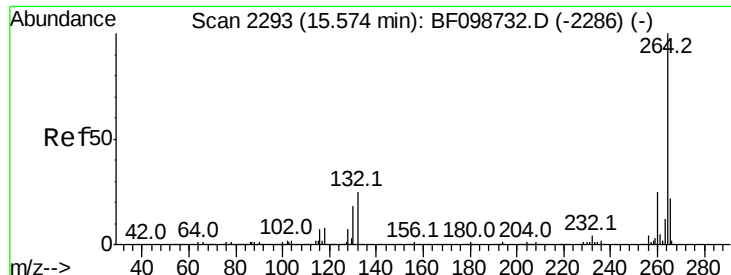
Tot Ion:240 Resp: 183675
 Ion Ratio Lower Upper
 240 100
 120 14.9 9.5 14.3#
 236 25.4 20.7 31.1



#78
 Terphenyl-d14
 Concen: 109.428 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.02 min
 Lab File: BF099345.D
 Acq: 11 Oct 2017 14:45

Tgt Ion:244 Resp: 883791
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.7 11.0 16.4

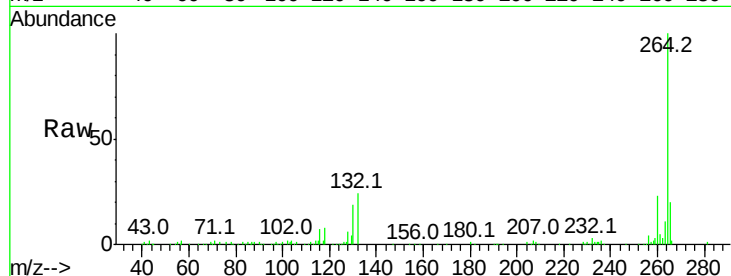




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. -0.03 min
 Lab File: BF099345.D
 Acq: 11 Oct 2017 14:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	20.4	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

