

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101217\
 Data File : BF099390.D
 Acq On : 12 Oct 2017 12:42
 Operator : SJ/JU
 Sample : I5758-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 16:22:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 16:21:36 2017
 Response via : Initial Calibration

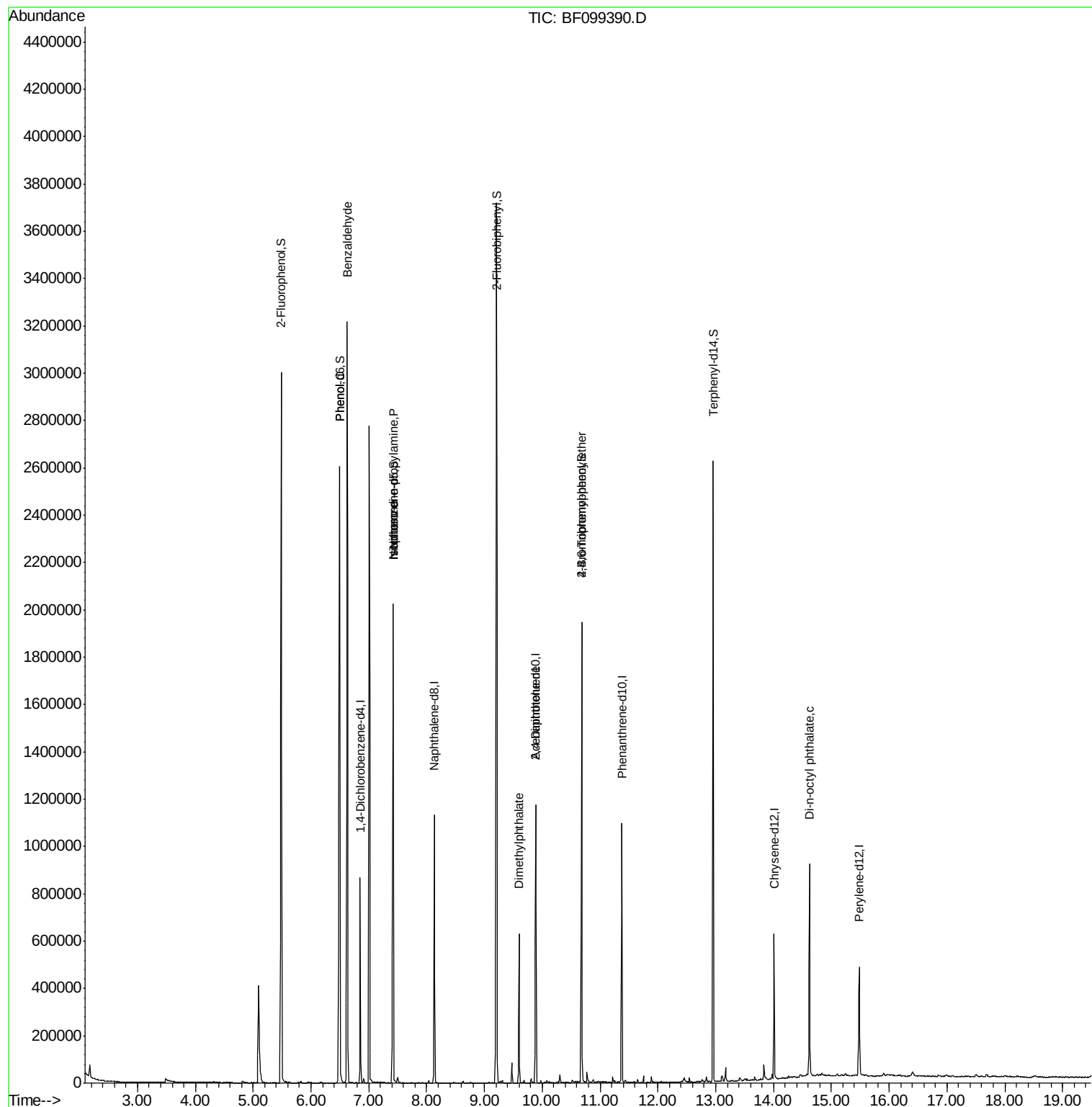
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	122138	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	499440	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	216452	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	353380	20.00	ng	0.00
75) Chrysene-d12	14.01	240	193437	20.00	ng	0.00
86) Perylene-d12	15.48	264	199801	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1045335	136.25	ng	0.01
7) Phenol-d6	6.50	99	1278301	135.06	ng	0.01
23) Nitrobenzene-d5	7.42	82	764970	98.23	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	249675	140.97	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1323196	102.05	ng	0.00
78) Terphenyl-d14	12.96	244	887329	104.32	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	20349	3.706	ng	85
10) Phenol	6.50	94	37774	3.569	ng	94
19) n-Nitroso-di-n-propylamine	7.42	70	99527	16.470	ng	# 72
25) Isophorone	7.42	82	764960	47.508	ng	# 64
49) Dimethylphthalate	9.60	163	259572	15.889	ng	100
56) 2,4-Dinitrotoluene	9.89	165	28161	6.101	ng	# 23
66) 4-Bromophenyl-phenylether	10.68	248	16498	4.770	ng	# 1
84) Di-n-octyl phthalate	14.62	149	78385	5.100	ng	# 55

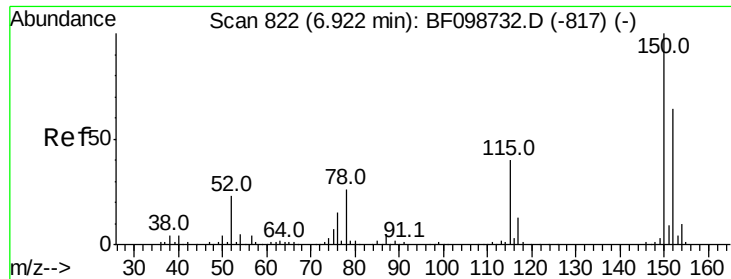
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099390.D
Acq On : 12 Oct 2017 12:42
Operator : SJ/JU
Sample : I5758-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 12 16:22:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 16:21:36 2017
Response via : Initial Calibration



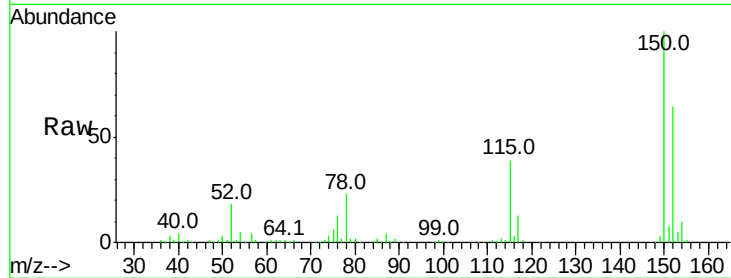


#1

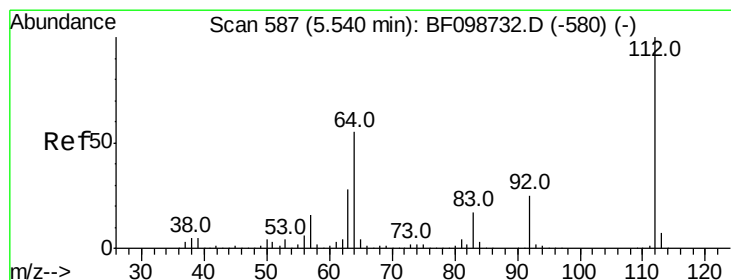
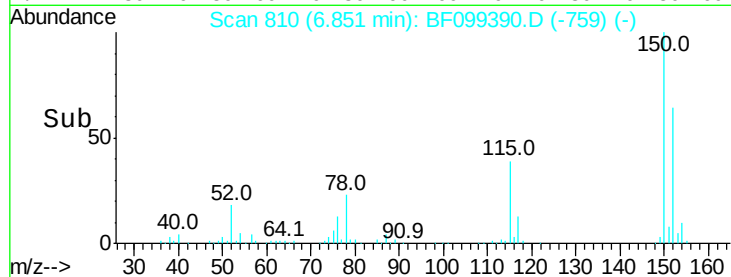
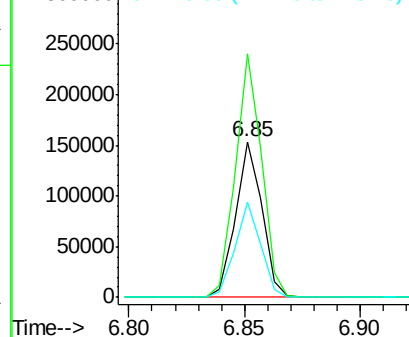
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099390.D
Acq: 12 Oct 2017 12:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 122138
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 60.8 50.1 75.1



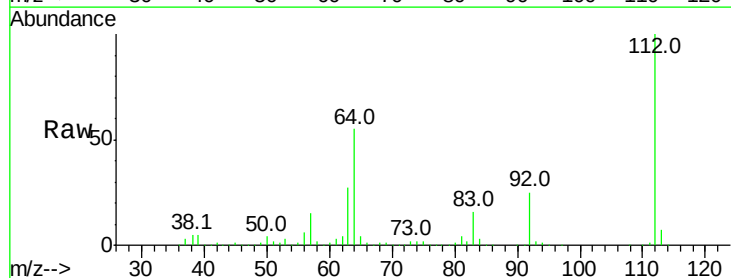
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



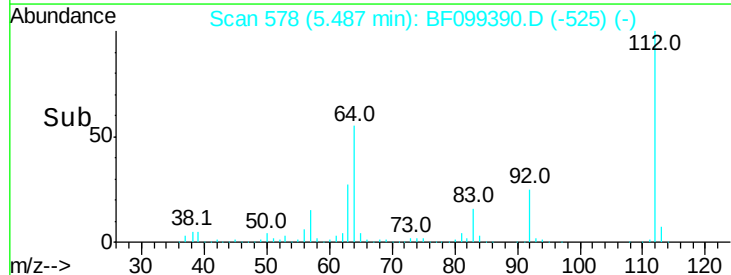
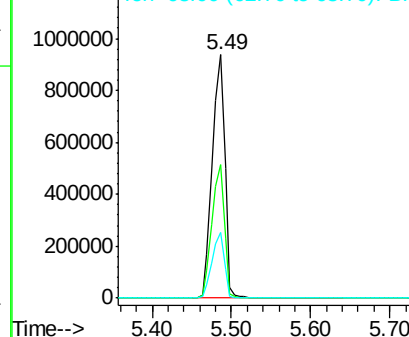
#5

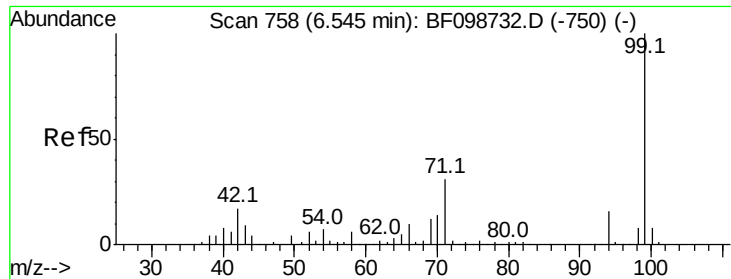
2-Fluorophenol
Concen: 136.245 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF099390.D
Acq: 12 Oct 2017 12:42

Tgt Ion:112 Resp: 1045335
Ion Ratio Lower Upper
112 100
64 54.7 47.9 71.9
63 27.1 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: 135.058 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF099390.D

Acq: 12 Oct 2017 12:42

Instrument :

BNA_F

ClientSampled :

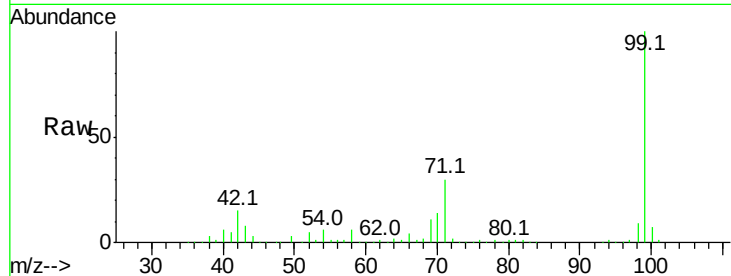
Tot Ion: 99 Resp: 1278301

Ion Ratio Lower Upper

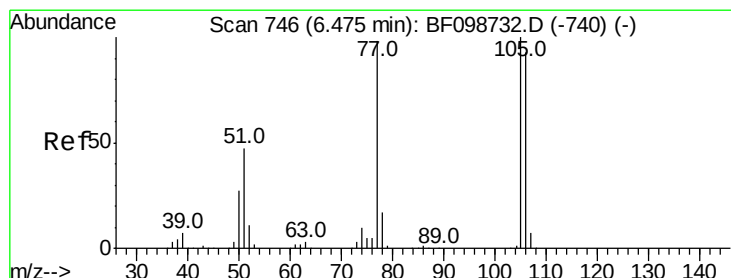
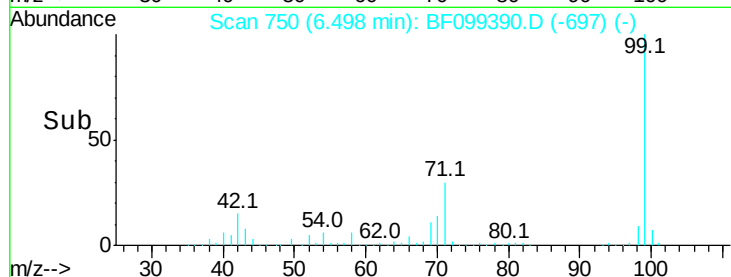
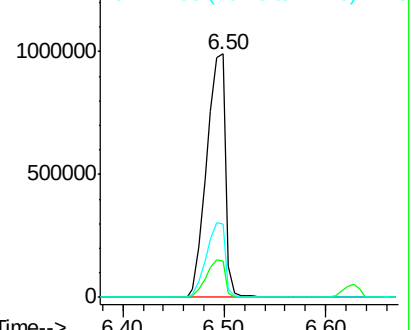
99 100

42 14.7 14.5 21.7

71 30.3 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: 3.706 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.22 min

Lab File: BF099390.D

Acq: 12 Oct 2017 12:42

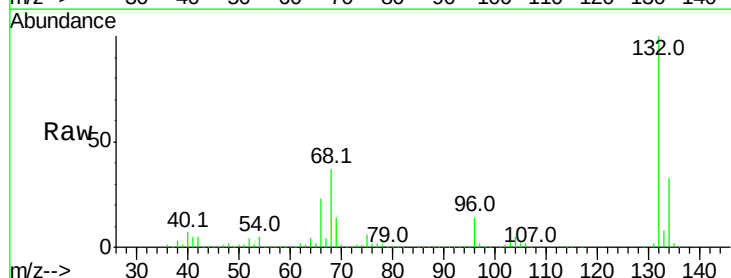
Tgt Ion: 77 Resp: 20349

Ion Ratio Lower Upper

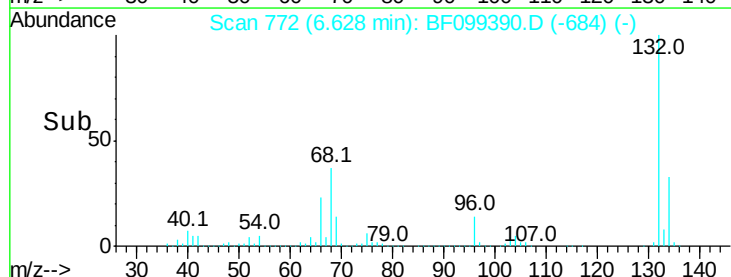
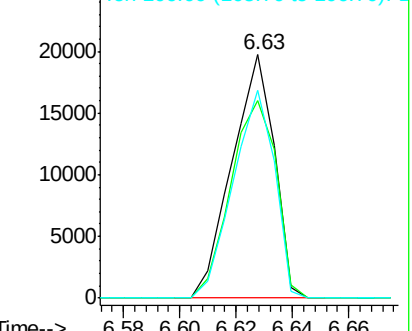
77 100

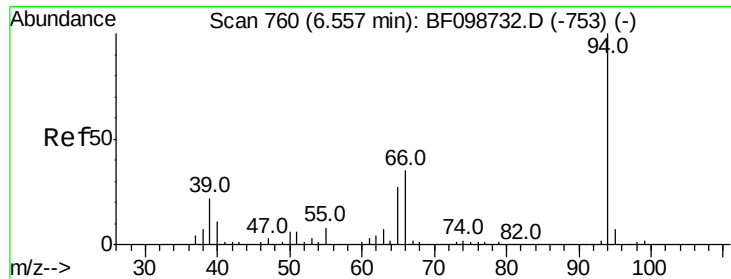
105 81.3 81.1 121.1

106 85.4 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

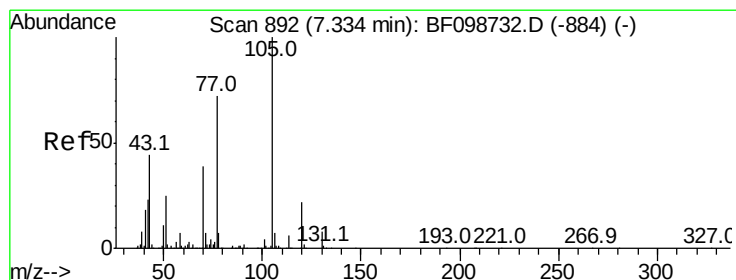
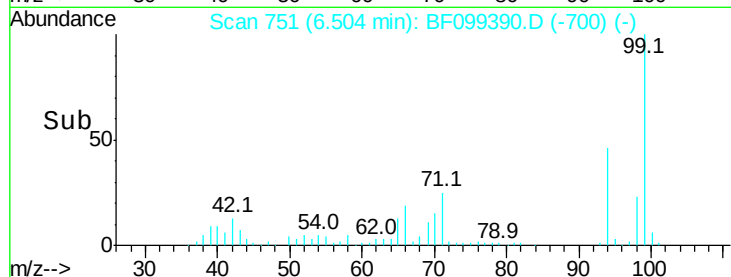
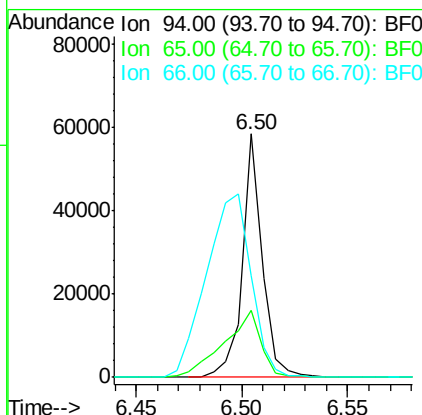
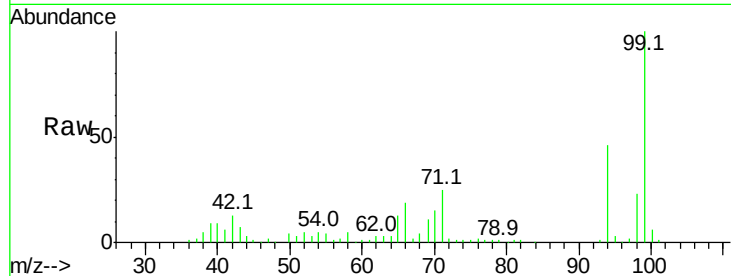




#10
Phenol
Concen: 3.569 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF099390.D
Acq: 12 Oct 2017 12:42

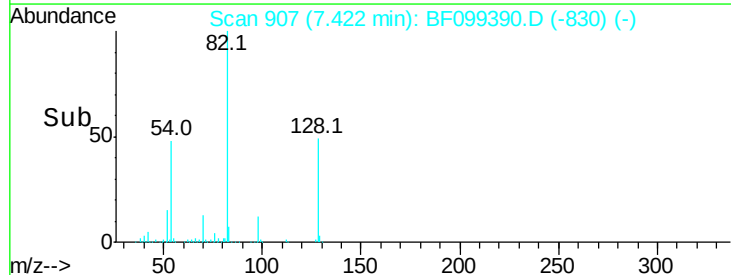
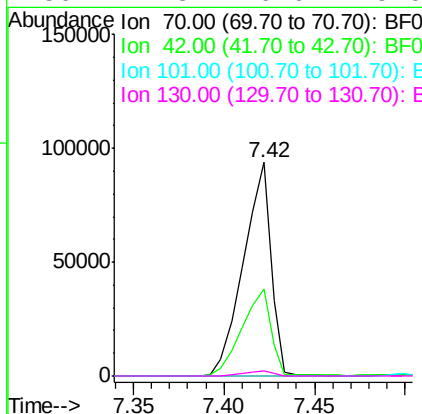
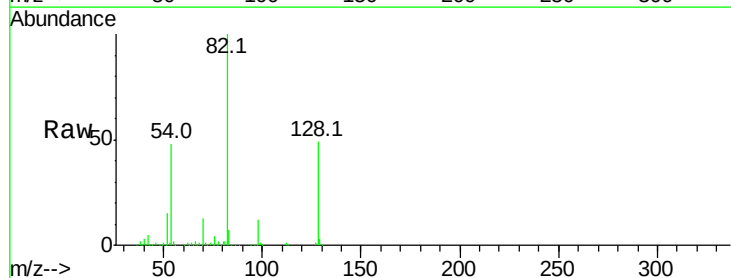
Instrument :
BNA_F
ClientSampled :

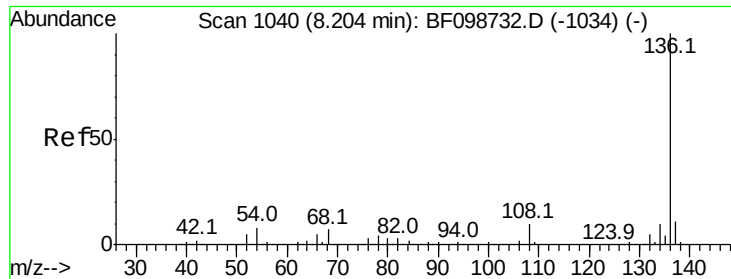
Tot Ion: 94 Resp: 37774
Ion Ratio Lower Upper
94 100
65 27.3 7.9 47.9
66 41.6 16.2 56.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.470 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF099390.D
Acq: 12 Oct 2017 12:42

Tgt Ion: 70 Resp: 99527
Ion Ratio Lower Upper
70 100
42 40.6 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#

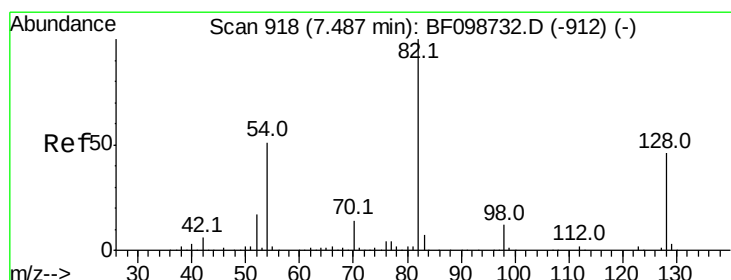
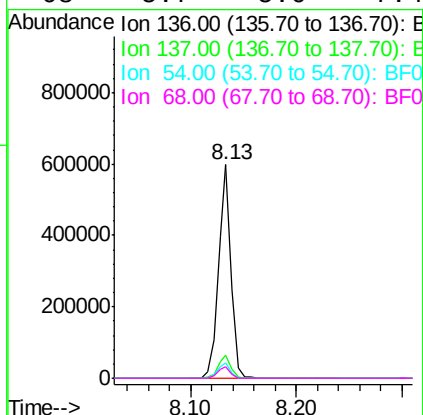
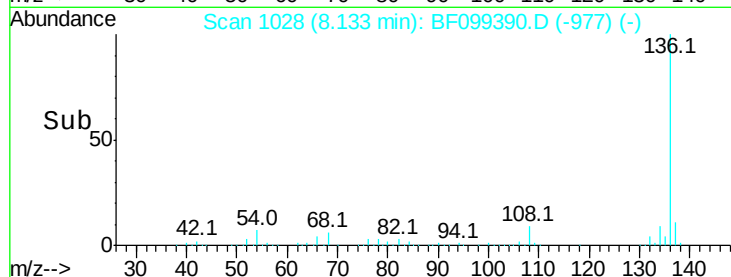
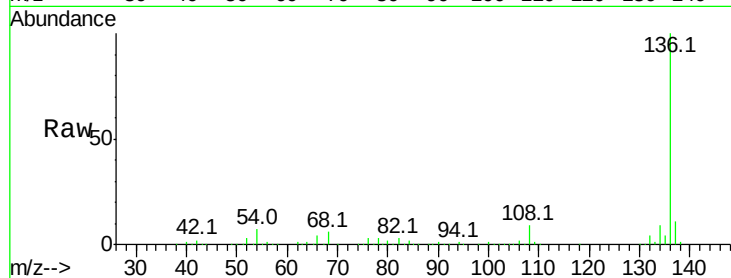




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF099390.D
Acq: 12 Oct 2017 12:42

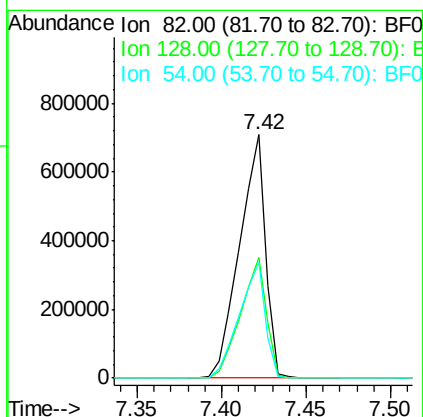
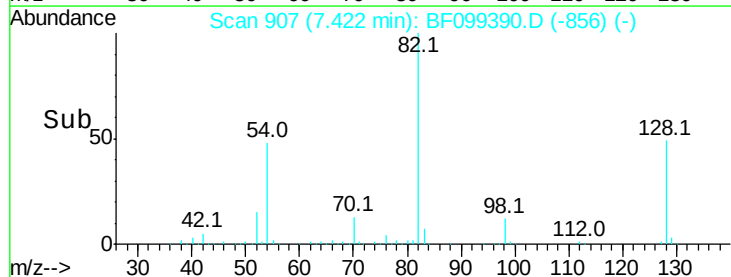
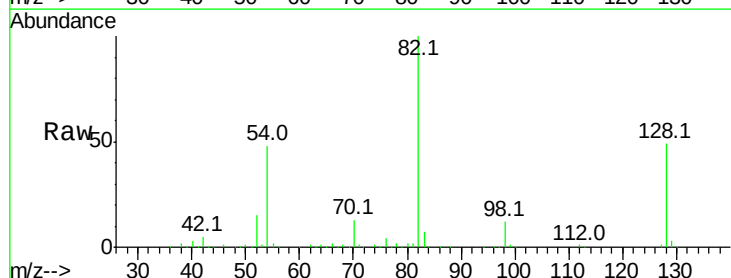
Instrument :
BNA_F
ClientSampleId :

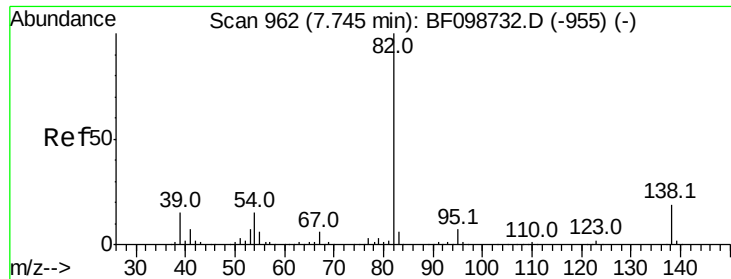
Tot Ion:	136	Resp:	499440
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.0	6.6	9.8
68	5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 98.225 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF099390.D
Acq: 12 Oct 2017 12:42

Tgt Ion:	82	Resp:	764970
Ion	Ratio	Lower	Upper
82	100		
128	49.4	36.1	54.1
54	47.6	41.4	62.2





#25

Isophorone

Concen: 47.508 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.25 min

Lab File: BF099390.D

Acq: 12 Oct 2017 12:42

Instrument :

BNA_F

ClientSampled :

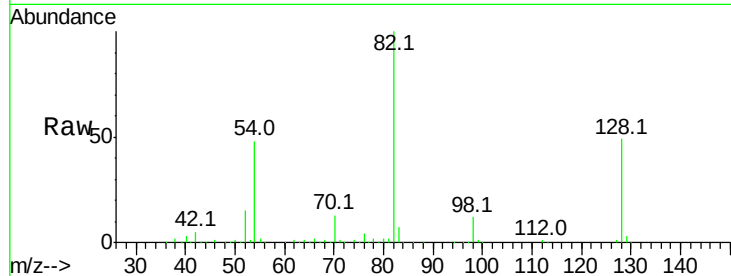
Tot Ion: 82 Resp: 764960

Ion Ratio Lower Upper

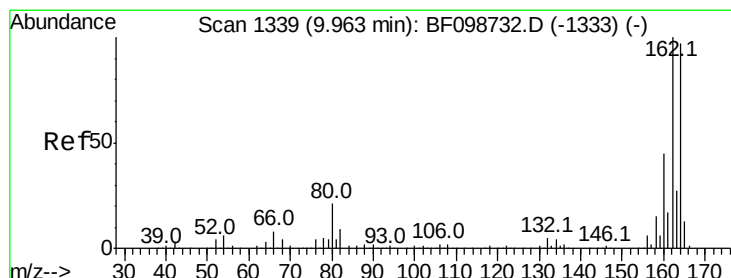
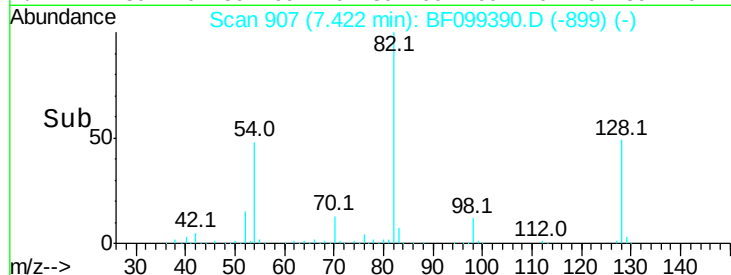
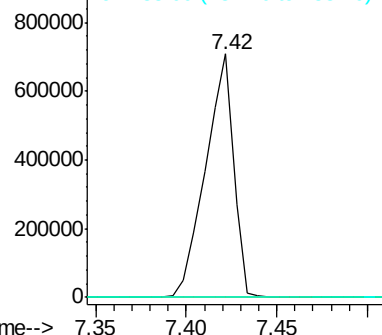
82 100

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: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099390.D

Acq: 12 Oct 2017 12:42

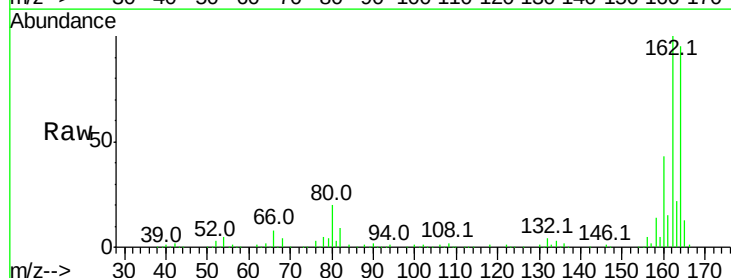
Tgt Ion:164 Resp: 216452

Ion Ratio Lower Upper

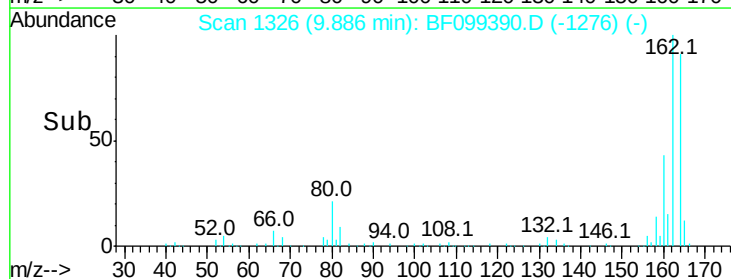
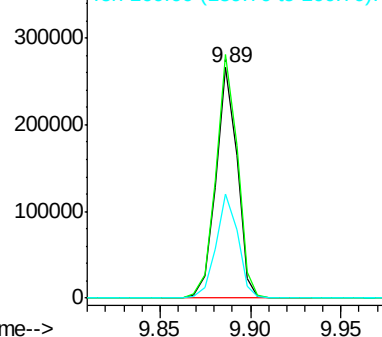
164 100

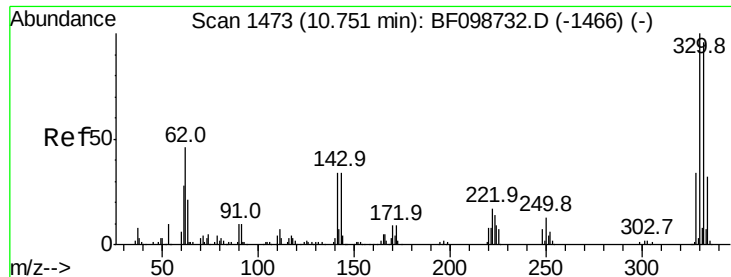
162 105.6 86.1 129.1

160 45.0 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

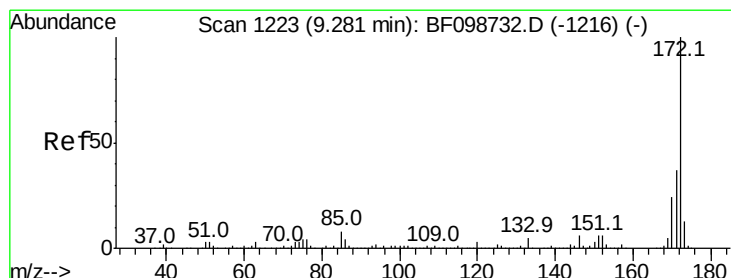
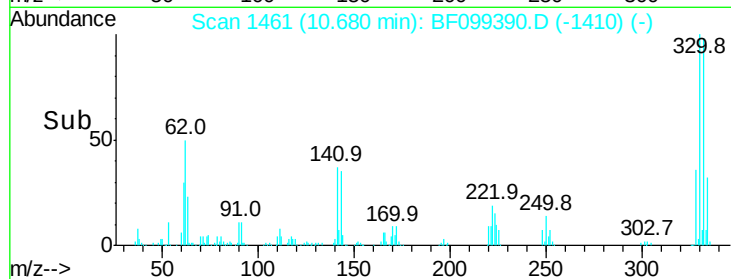
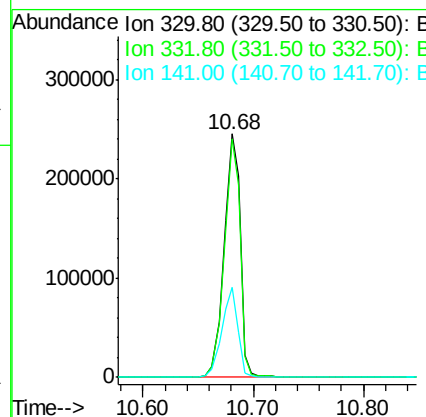
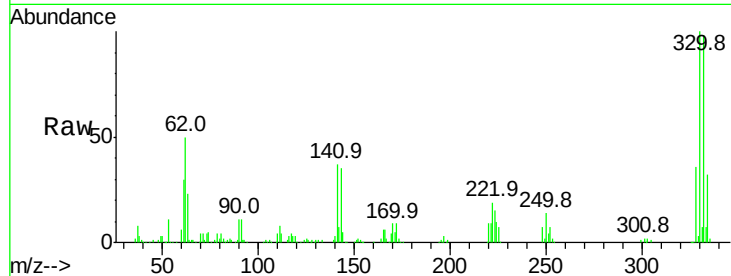




#41
 2,4,6-Tribromophenol
 Concen: 140.967 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BF099390.D
 Acq: 12 Oct 2017 12:42

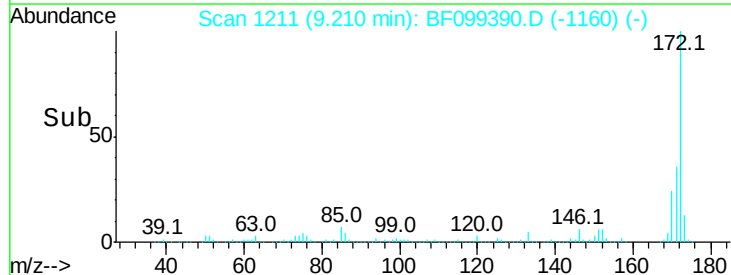
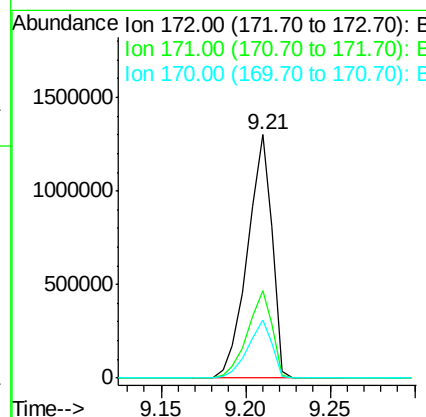
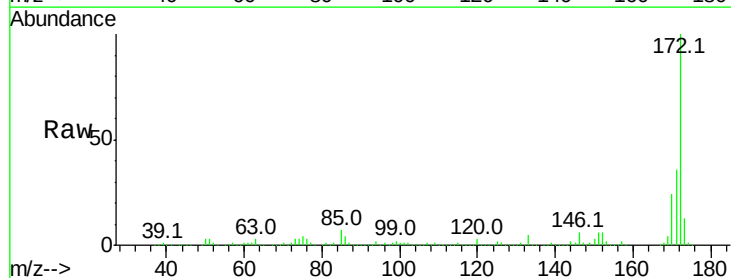
Instrument :
 BNA_F
 ClientSampleId :

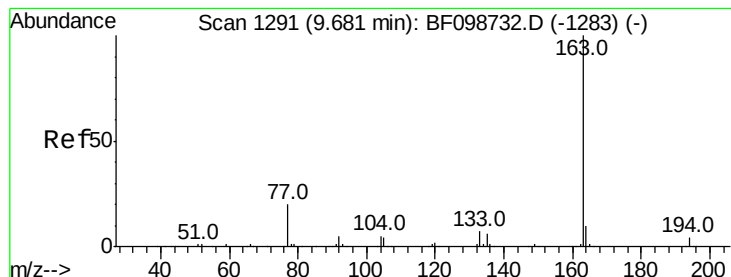
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	36.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 102.053 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099390.D
 Acq: 12 Oct 2017 12:42

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





#49

Dimethylphthalate

Concen: 15.889 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF099390.D

Acq: 12 Oct 2017 12:42

Instrument :

BNA_F

ClientSampleId :

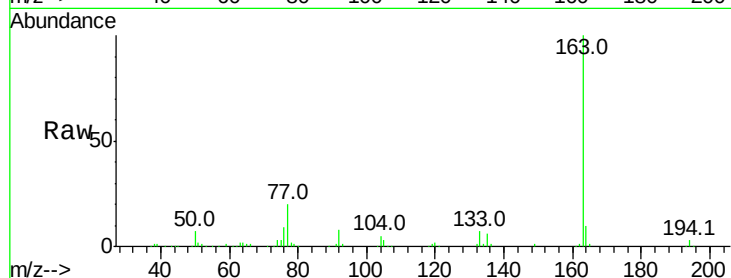
Tot Ion:163 Resp: 259572

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

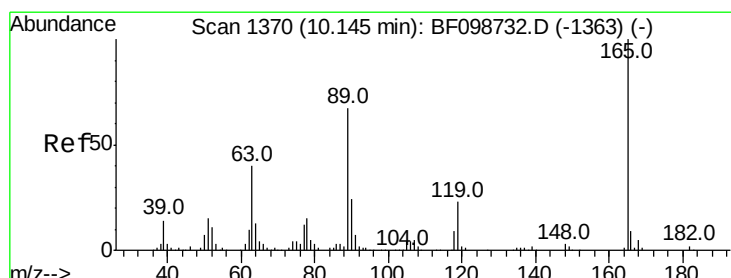
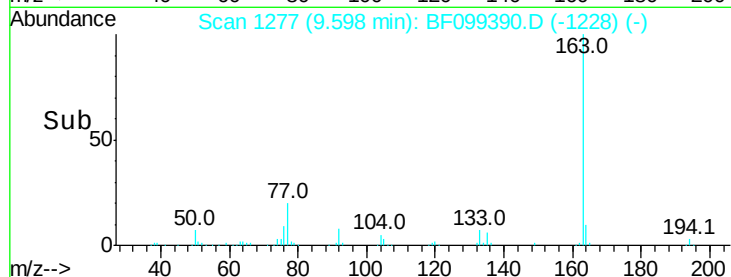
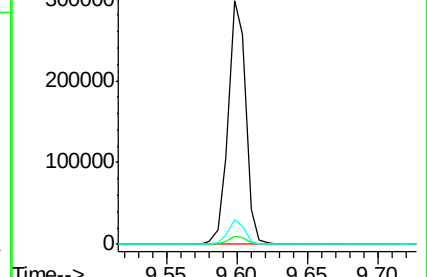
164 10.3 8.2 12.2



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: 6.101 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.20 min

Lab File: BF099390.D

Acq: 12 Oct 2017 12:42

Tgt Ion:165 Resp: 28161

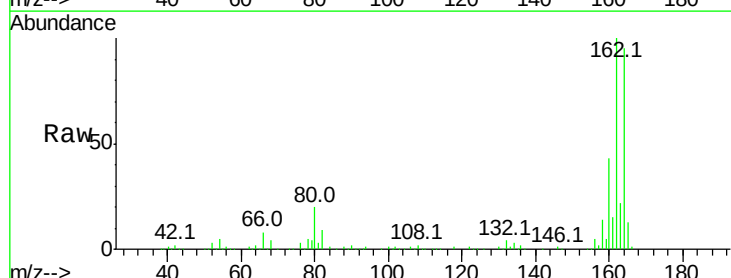
Ion Ratio Lower Upper

165 100

63 1.2 36.4 54.6#

89 1.3 57.8 86.6#

182 0.0 1.6 2.4#

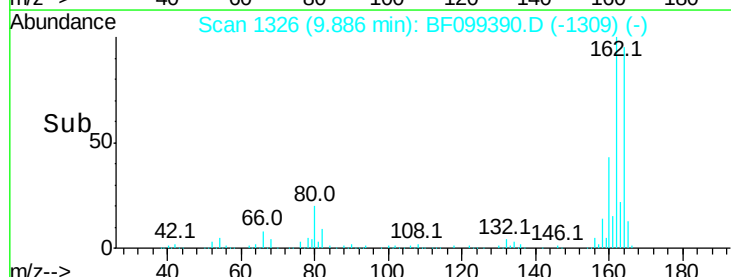
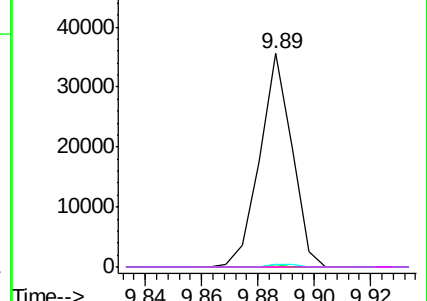


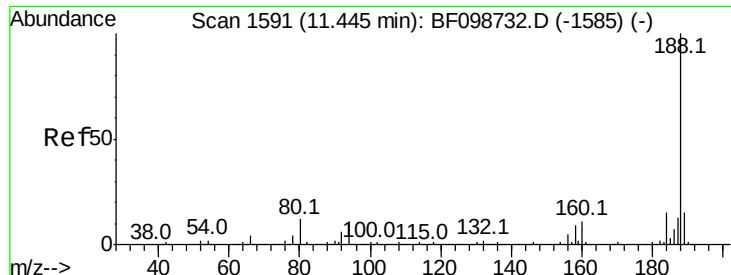
Abundance Ion 165.00 (164.70 to 165.70): E

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

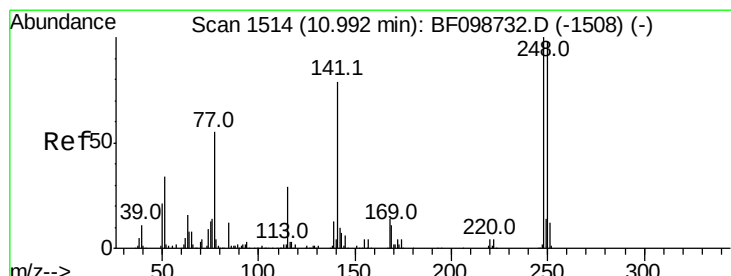
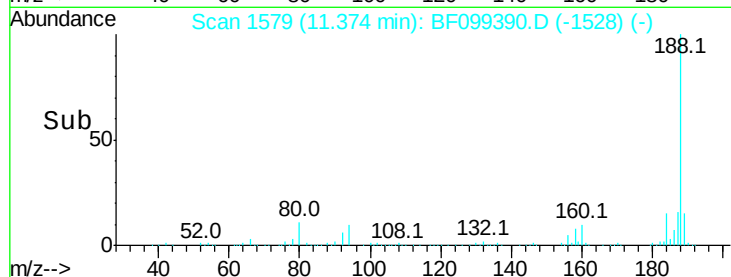
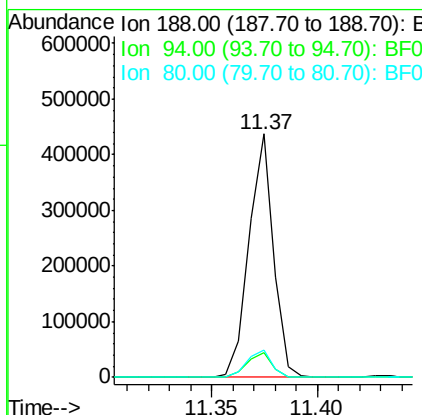
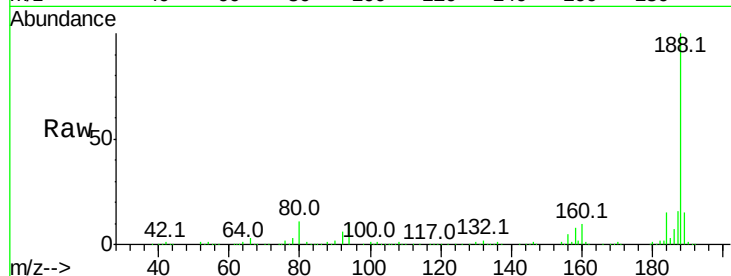




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF099390.D
 Acq: 12 Oct 2017 12:42

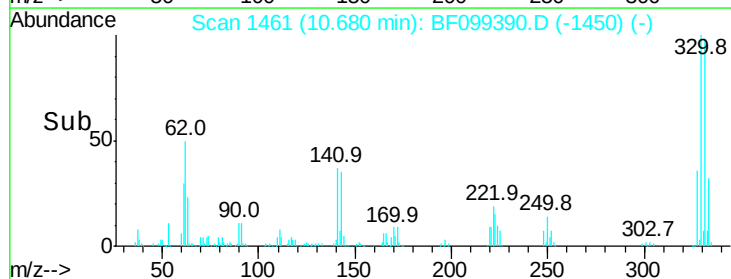
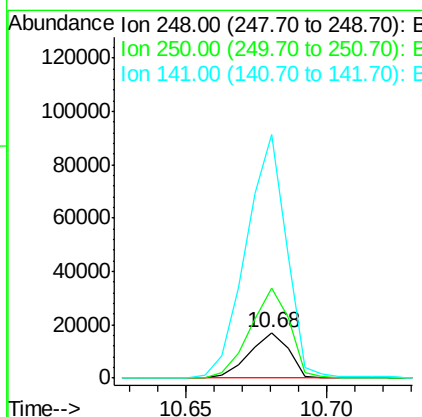
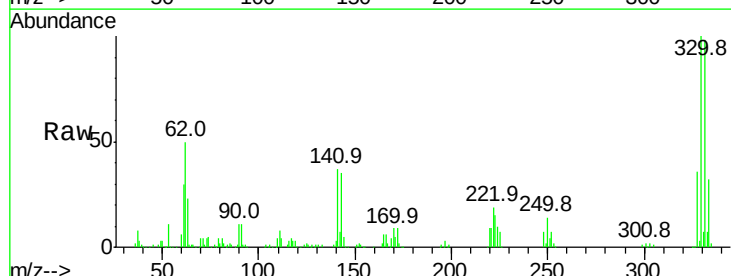
Instrument :
 BNA_F
 ClientSampled :

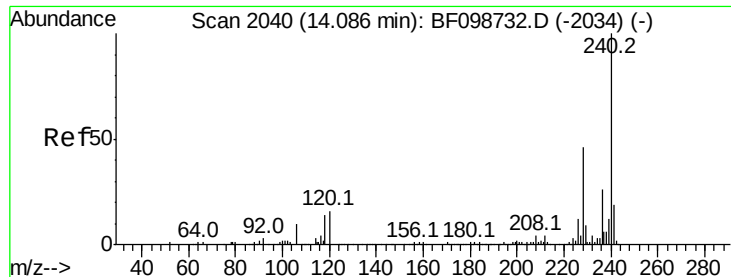
Tot Ion:188 Resp: 353380
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.5 12.7
 80 11.3 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 4.770 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF099390.D
 Acq: 12 Oct 2017 12:42

Tgt Ion:248 Resp: 16498
 Ion Ratio Lower Upper
 248 100
 250 198.5 76.9 115.3#
 141 533.7 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF099390.D

Acq: 12 Oct 2017 12:42

Instrument :

BNA_F

ClientSampled :

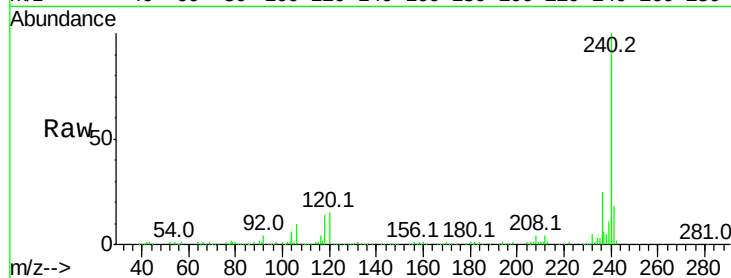
Tot Ion:240 Resp: 193437

Ion Ratio Lower Upper

240 100

120 15.3 9.5 14.3#

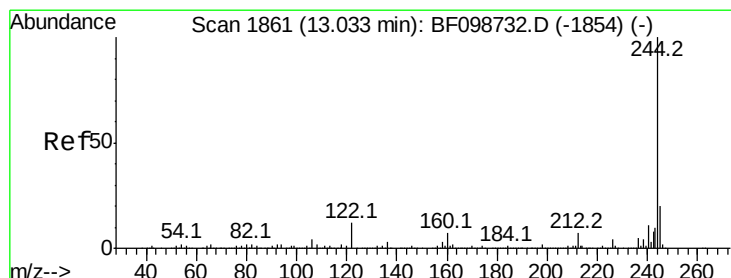
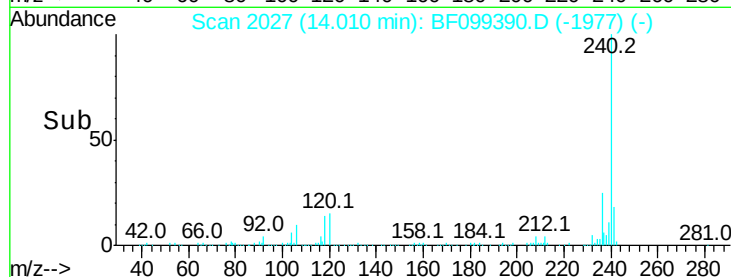
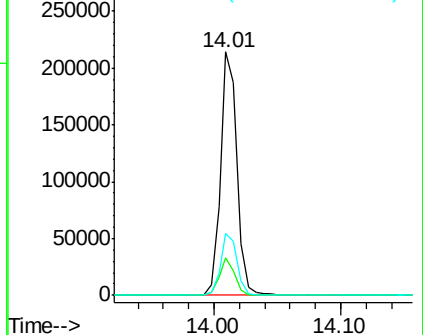
236 25.3 20.7 31.1



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: 104.322 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF099390.D

Acq: 12 Oct 2017 12:42

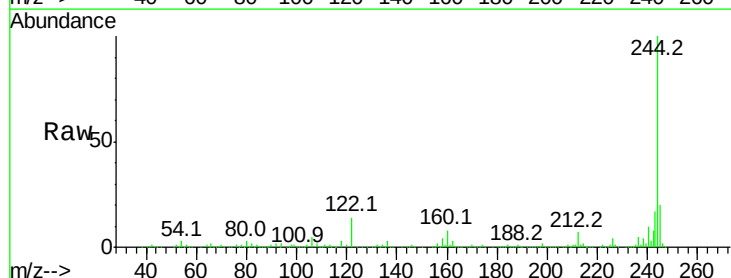
Tgt Ion:244 Resp: 887329

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

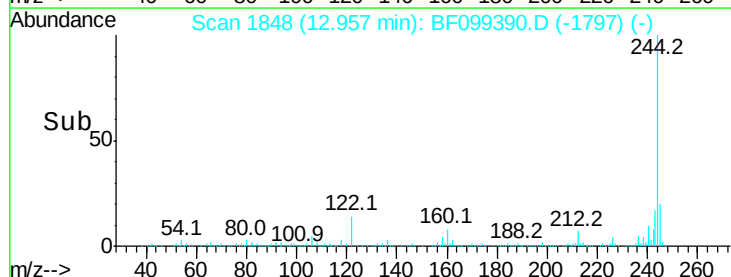
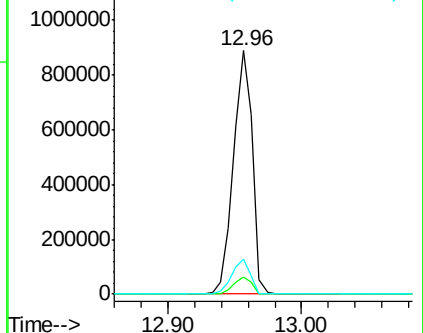
122 14.4 11.0 16.4

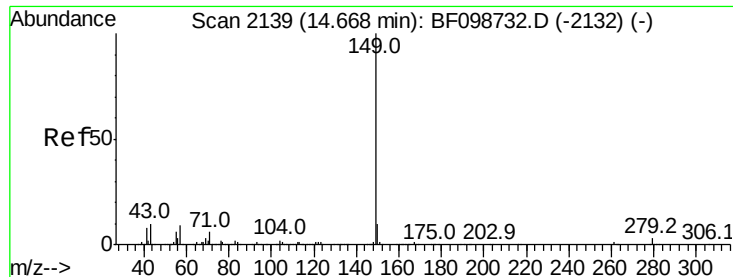


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Di-n-octyl phthalate

Concen: 5.100 ng

RT: 14.62 min Scan# 2131

Delta R.T. 0.03 min

Lab File: BF099390.D

Acq: 12 Oct 2017 12:42

Instrument :

BNA_F

ClientSampled :

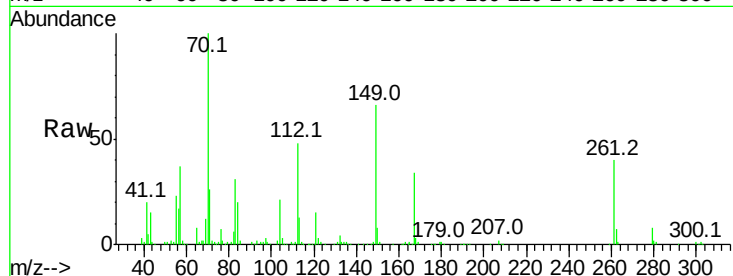
Tot Ion:149 Resp: 78385

Ion Ratio Lower Upper

149 100

167 51.9 1.2 1.8#

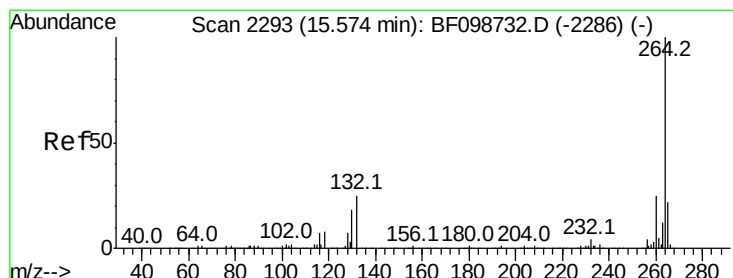
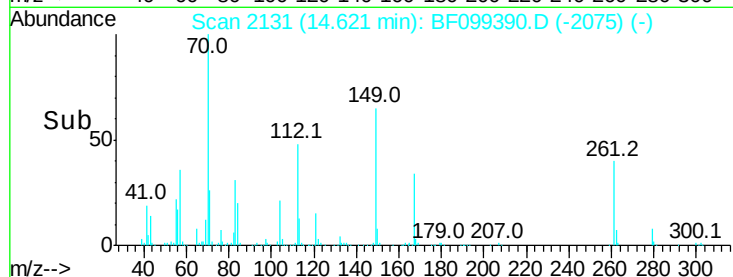
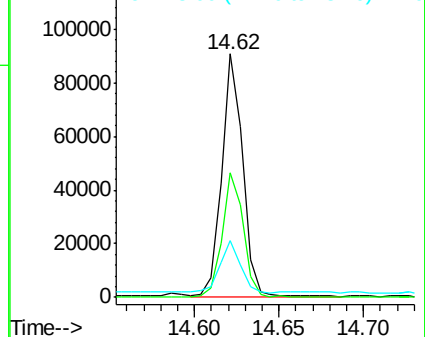
43 22.5 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.48 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BF099390.D

Acq: 12 Oct 2017 12:42

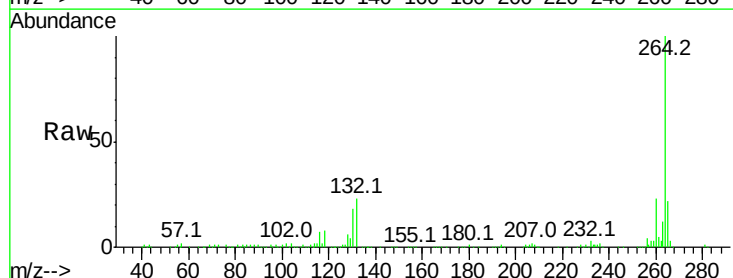
Tgt Ion:264 Resp: 199801

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 21.8 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

