

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099336.D
 Acq On : 11 Oct 2017 9:26
 Operator : SJ/JU
 Sample : I5766-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 11 11:02:45 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

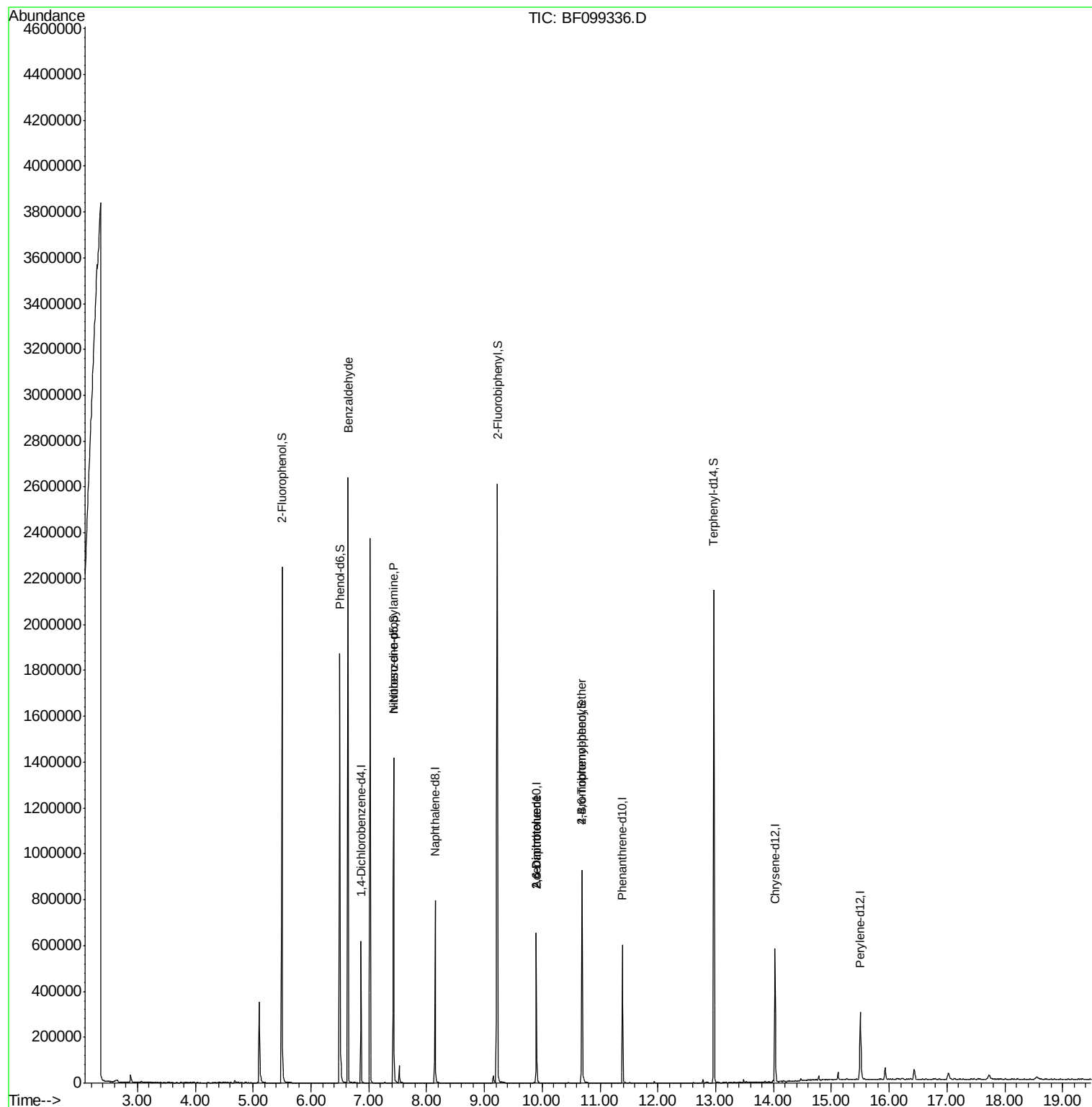
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	90308	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	339531	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	125183	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	201782	20.00	ng	0.00
75) Chrysene-d12	14.03	240	183750	20.00	ng	0.00
86) Perylene-d12	15.50	264	125277	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	679764	119.83	ng	0.02
7) Phenol-d6	6.50	99	674750	96.42	ng	0.00
23) Nitrobenzene-d5	7.43	82	495043	93.50	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	119319	116.48	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	903152	120.44	ng	0.00
78) Terphenyl-d14	12.97	244	738484	91.40	ng	0.00
Target Compounds						
9) Benzaldehyde	6.64	77	14156	3.487	ng	86
19) n-Nitroso-di-n-propylamine	7.43	70	61841	13.841	ng	# 77
50) 2,6-Dinitrotoluene	9.90	165	15378	7.476	ng	# 24
56) 2,4-Dinitrotoluene	9.90	165	15378	5.761	ng	# 21
66) 4-Bromophenyl-phenylether	10.69	248	7863	3.981	ng	# 1

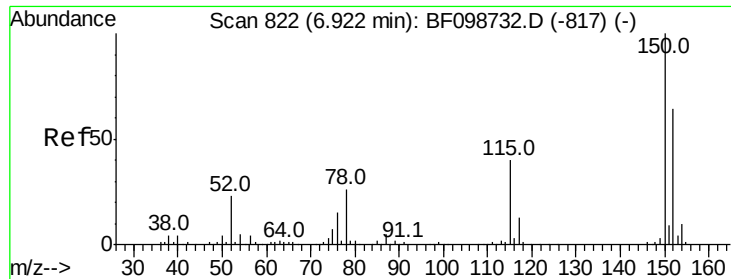
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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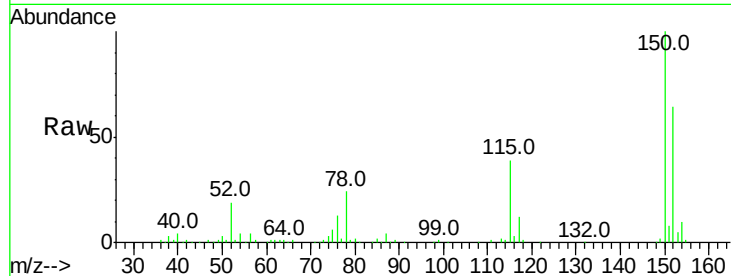


#1

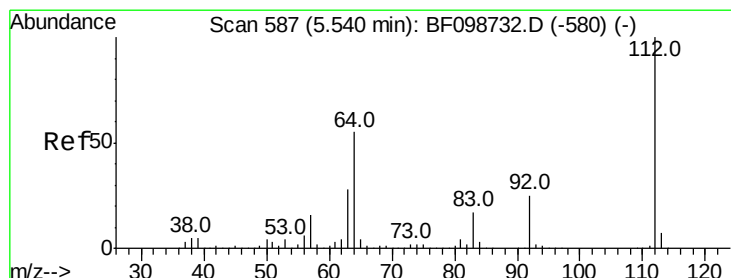
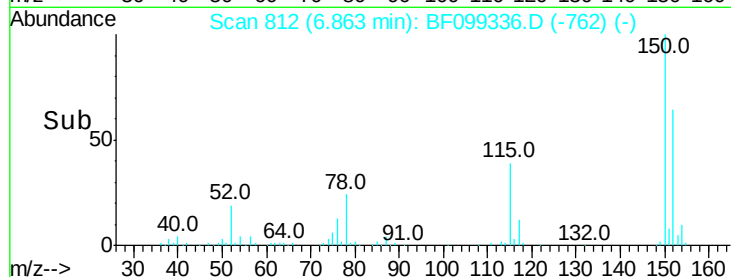
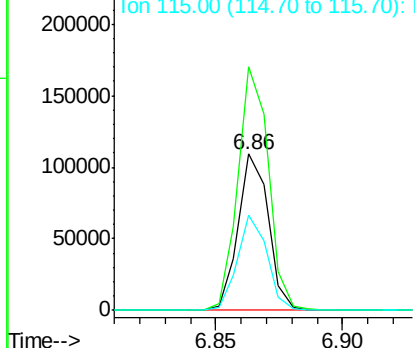
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099336.D
 Acq: 11 Oct 2017 9:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 90308
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.6 186.8
 115 60.8 50.1 75.1



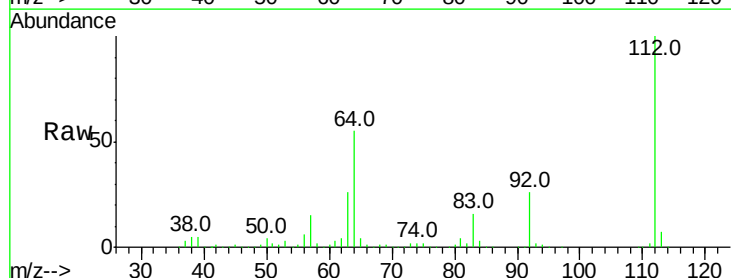
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



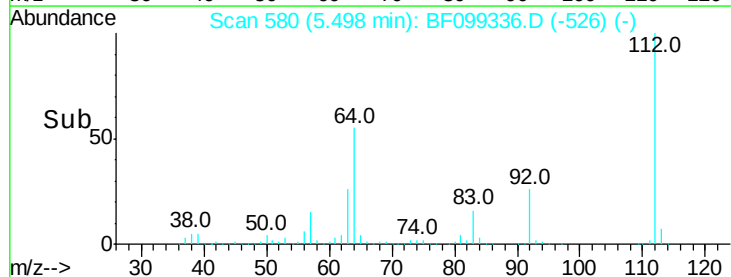
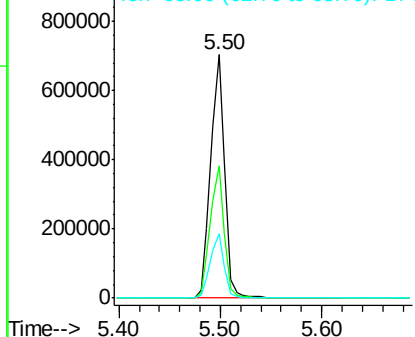
#5

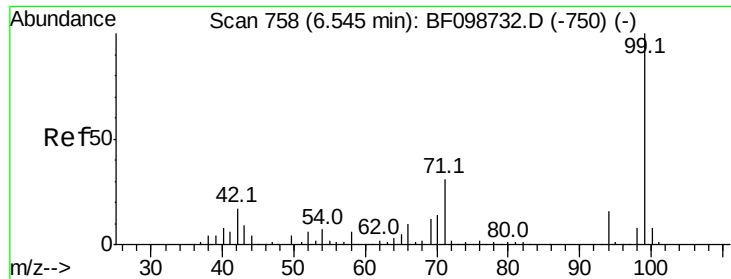
2-Fluorophenol
 Concen: 119.825 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.02 min
 Lab File: BF099336.D
 Acq: 11 Oct 2017 9:26

Tgt Ion:112 Resp: 679764
 Ion Ratio Lower Upper
 112 100
 64 54.6 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: 96.417 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099336.D

Acq: 11 Oct 2017 9:26

Instrument :

BNA_F

ClientSampled :

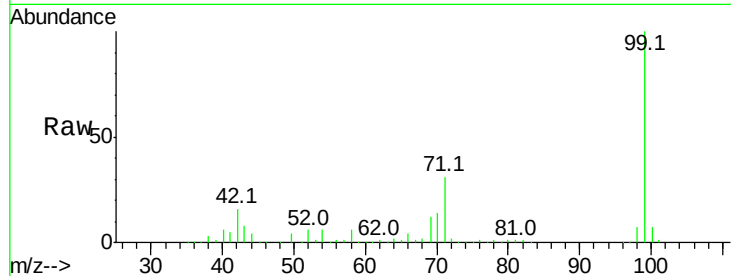
Tot Ion: 99 Resp: 674750

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

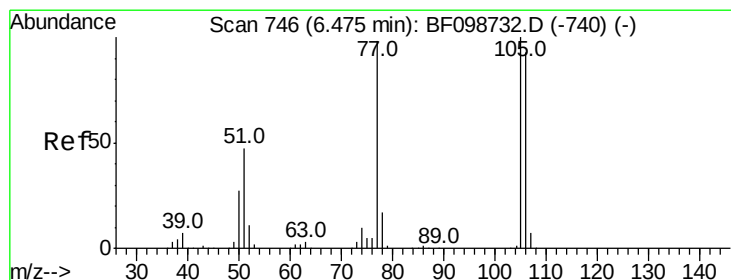
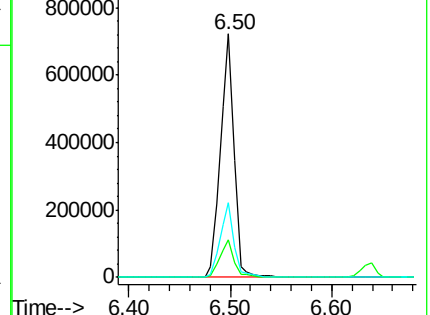
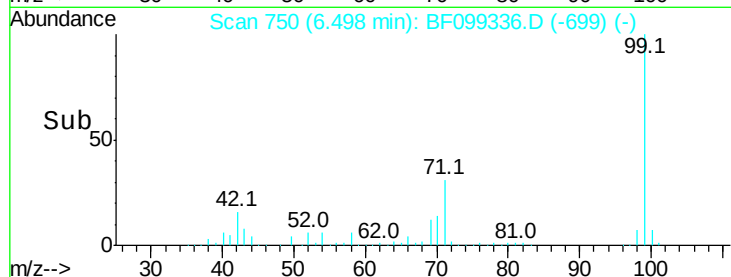
71 30.8 25.4 38.0



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



#9

Benzaldehyde

Concen: 3.487 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.22 min

Lab File: BF099336.D

Acq: 11 Oct 2017 9:26

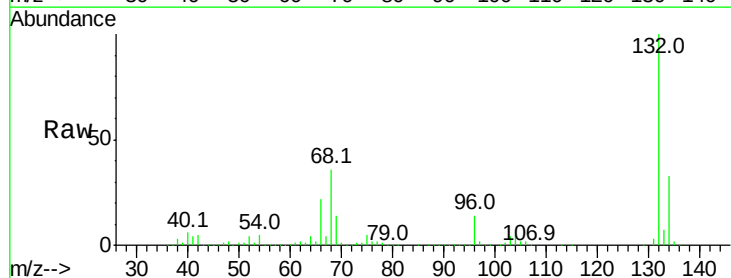
Tgt Ion: 77 Resp: 14156

Ion Ratio Lower Upper

77 100

105 83.1 81.1 121.1

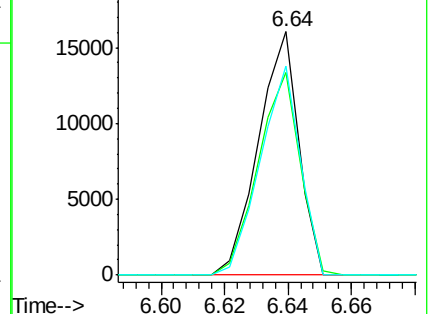
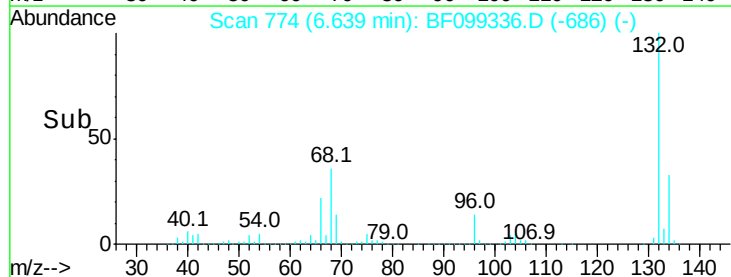
106 85.8 74.5 114.5

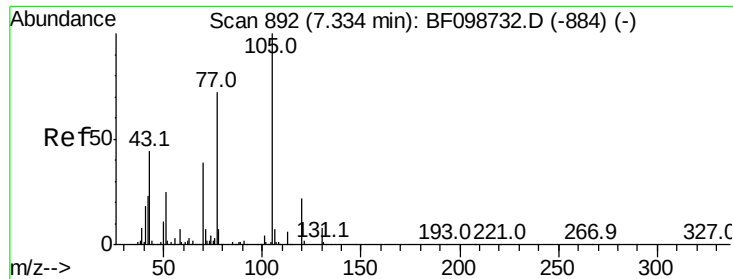


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

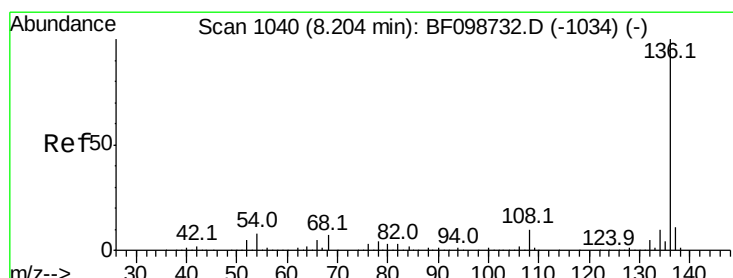
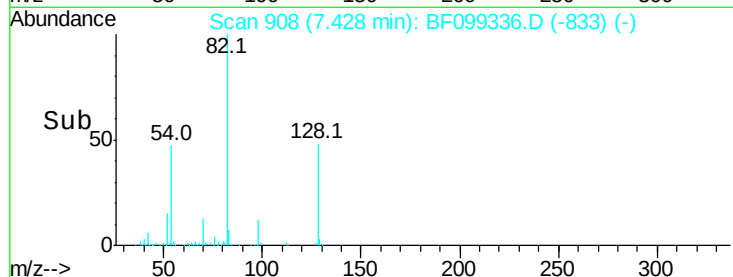
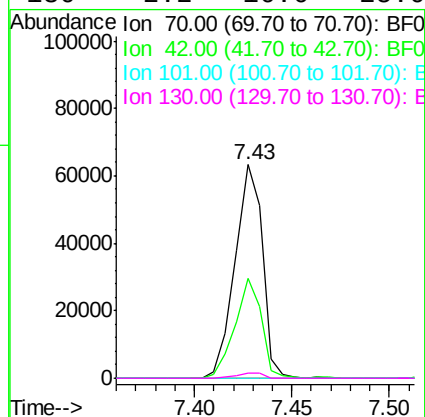
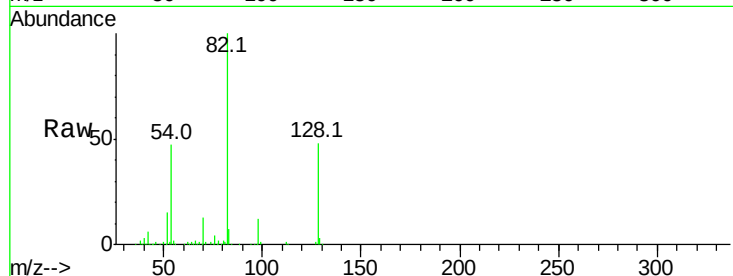




#19
n-Nitroso-di-n-propylamine
Concen: 13.841 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF099336.D
Acq: 11 Oct 2017 9:26

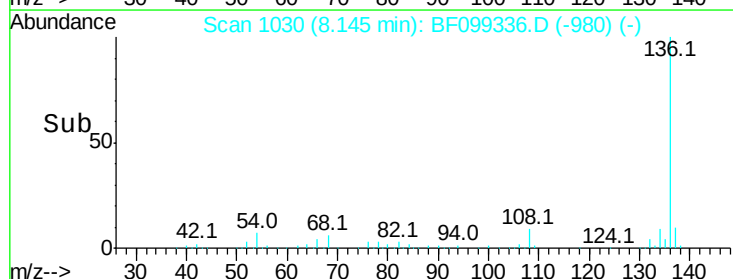
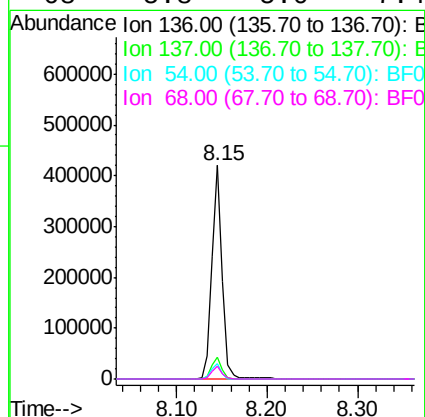
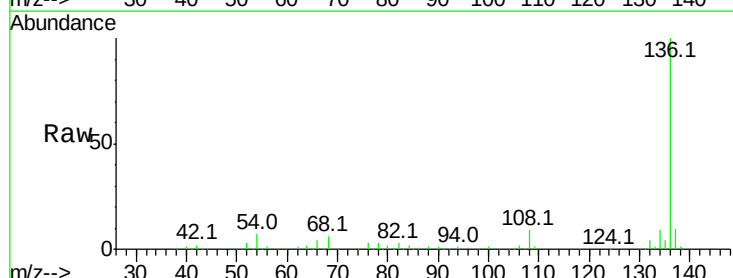
Instrument :
BNA_F
ClientSampled :

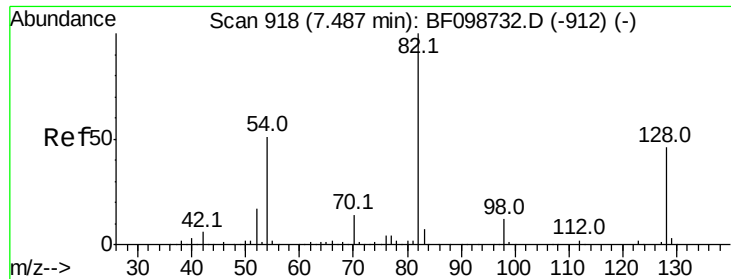
Tot Ion: 70 Resp: 61841
Ion Ratio Lower Upper
70 100
42 47.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099336.D
Acq: 11 Oct 2017 9:26

Tgt Ion: 136 Resp: 339531
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 6.9 6.6 9.8
68 5.8 5.0 7.4

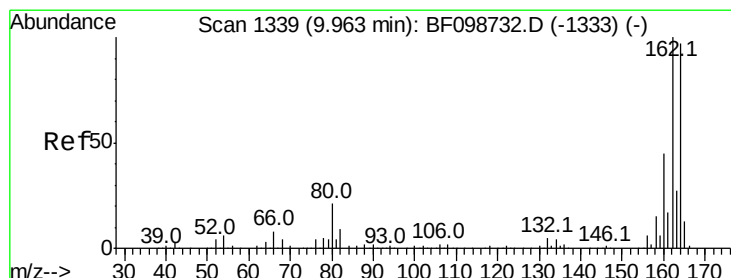
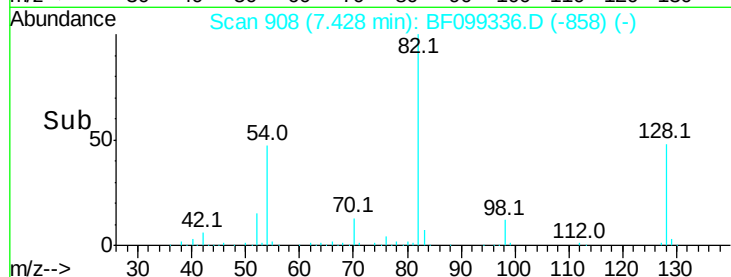
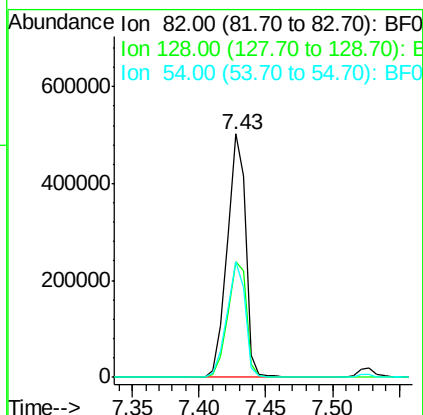
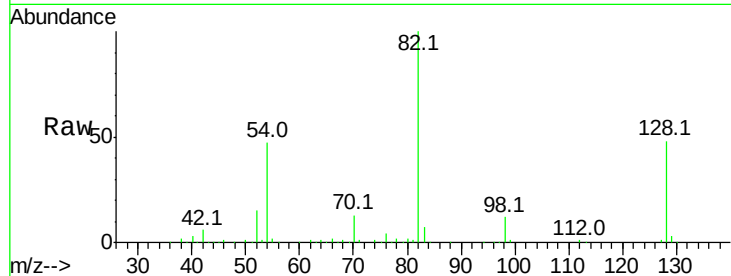




#23
 Nitrobenzene-d5
 Concen: 93.503 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099336.D
 Acq: 11 Oct 2017 9:26

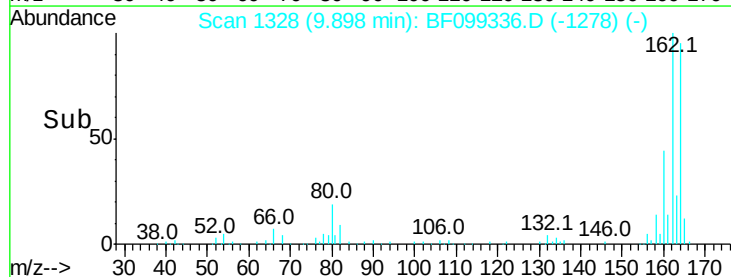
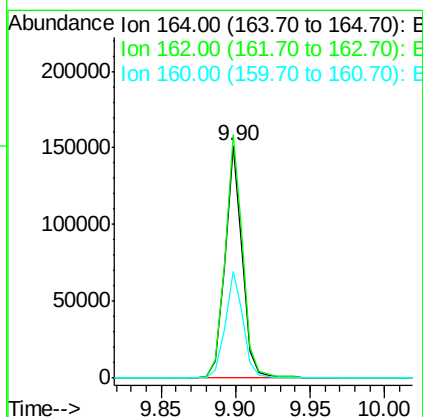
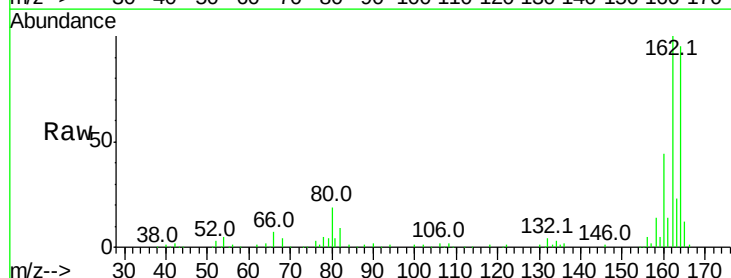
Instrument :
 BNA_F
 ClientSampleId :

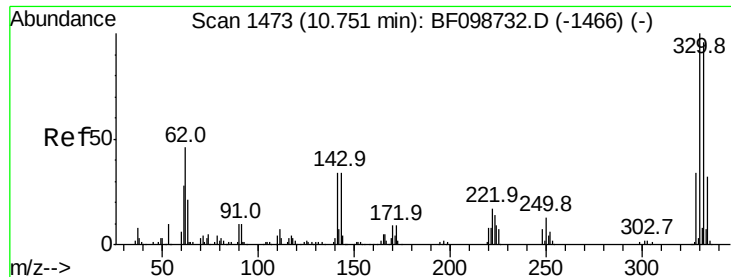
Tot Ion: 82 Resp: 495043
 Ion Ratio Lower Upper
 82 100
 128 47.6 36.1 54.1
 54 47.5 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099336.D
 Acq: 11 Oct 2017 9:26

Tgt Ion:164 Resp: 125183
 Ion Ratio Lower Upper
 164 100
 162 104.9 86.1 129.1
 160 46.1 38.3 57.5

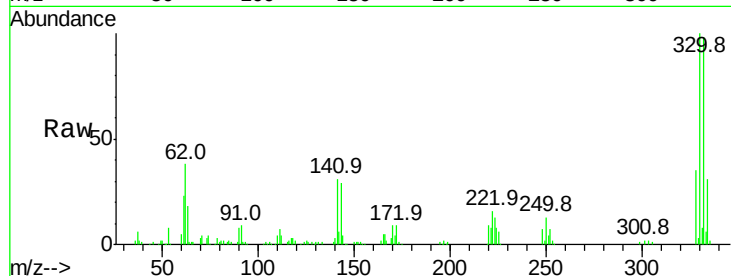




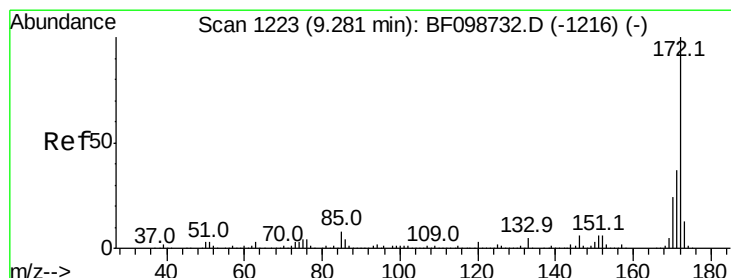
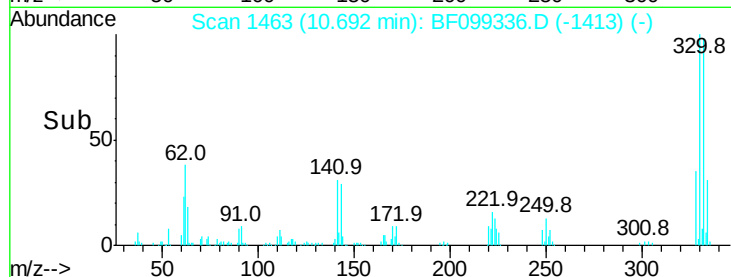
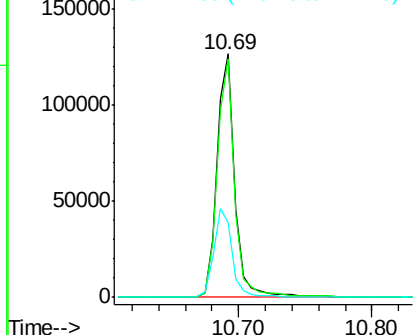
#41
 2,4,6-Tribromophenol
 Concen: 116.484 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099336.D
 Acq: 11 Oct 2017 9:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 119319
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 38.0 29.9 44.9

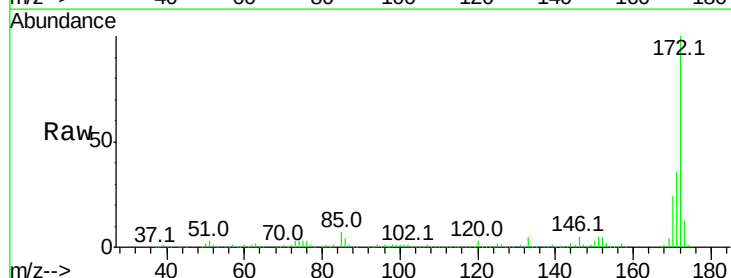


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

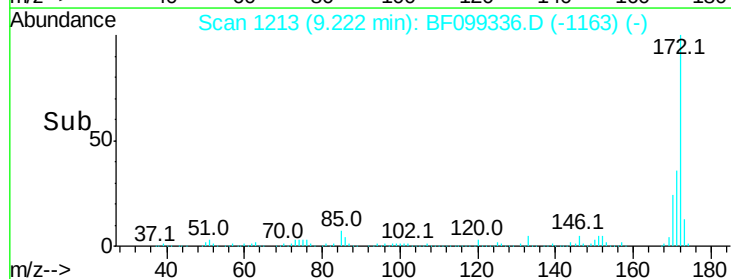
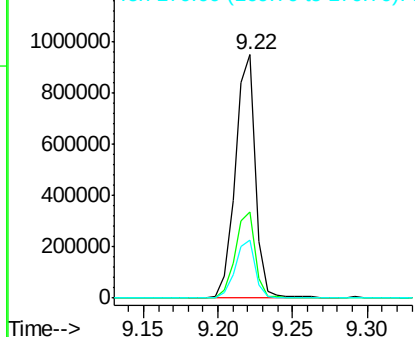


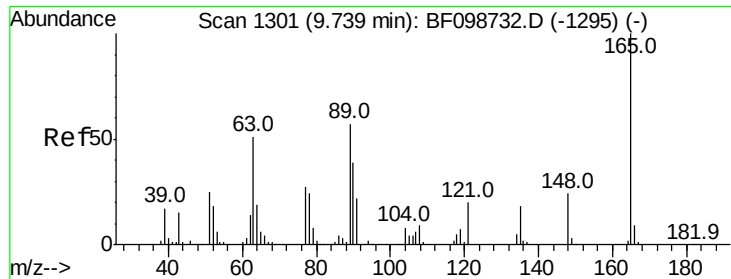
#44
 2-Fluorobiphenyl
 Concen: 120.443 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099336.D
 Acq: 11 Oct 2017 9:26

Tgt Ion:172 Resp: 903152
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 23.8 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

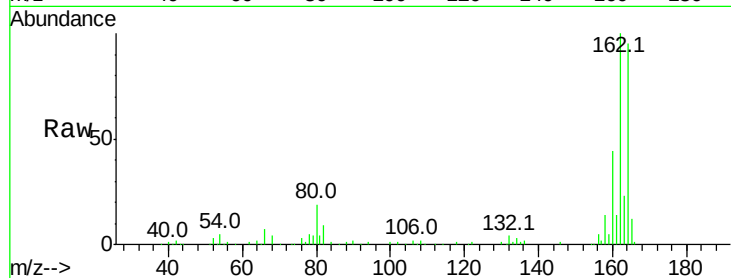




#50
2,6-Dinitrotoluene
Concen: 7.476 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.21 min
Lab File: BF099336.D
Acq: 11 Oct 2017 9:26

Instrument :
BNA_F
ClientSampleId :

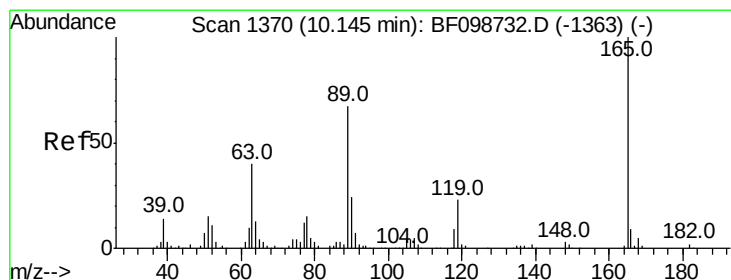
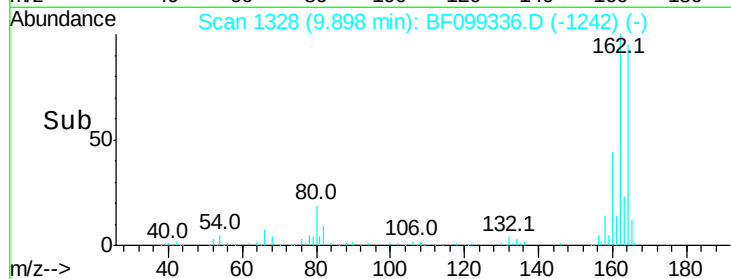
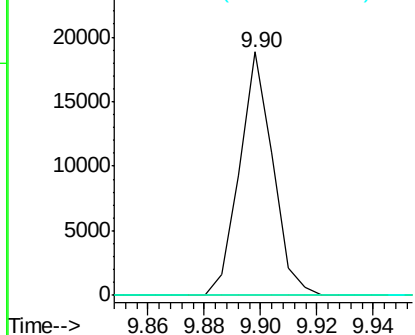
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



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: 5.761 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.20 min
Lab File: BF099336.D
Acq: 11 Oct 2017 9:26

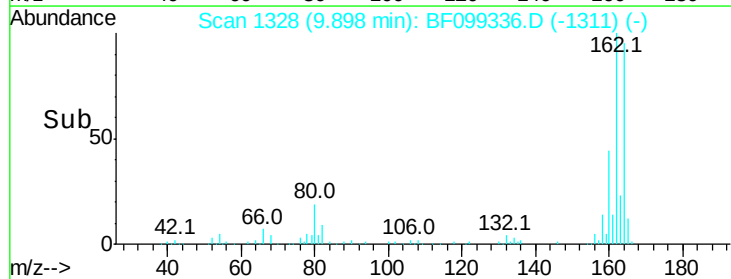
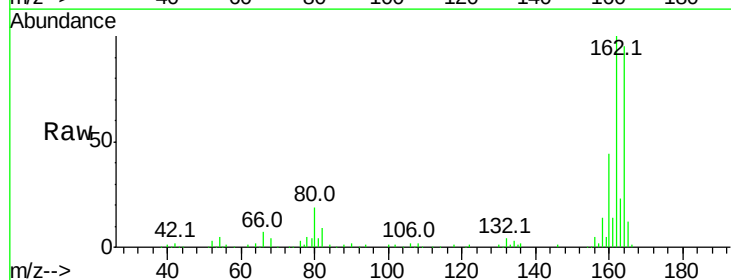
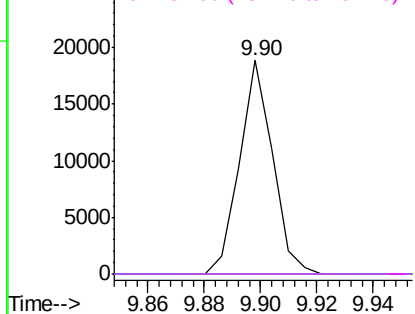
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

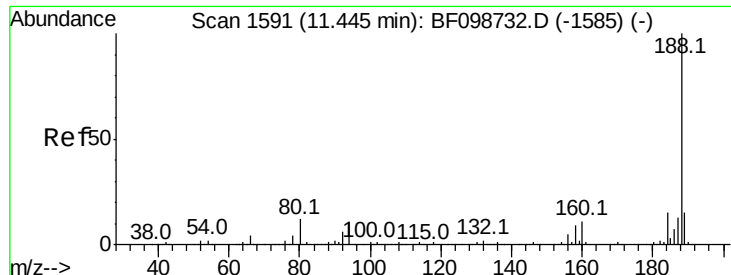
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF099336.D

Acq: 11 Oct 2017 9:26

Instrument :

BNA_F

ClientSampleId :

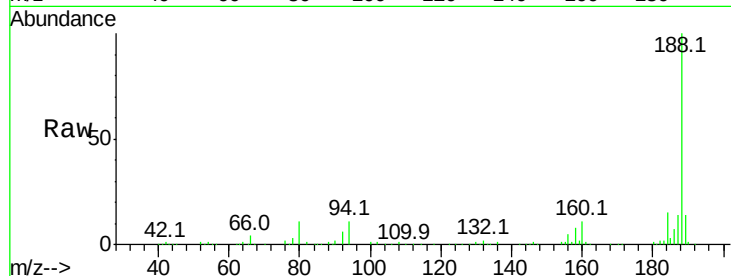
Tot Ion:188 Resp: 201782

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

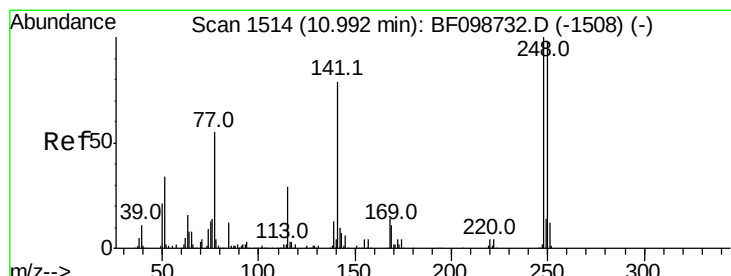
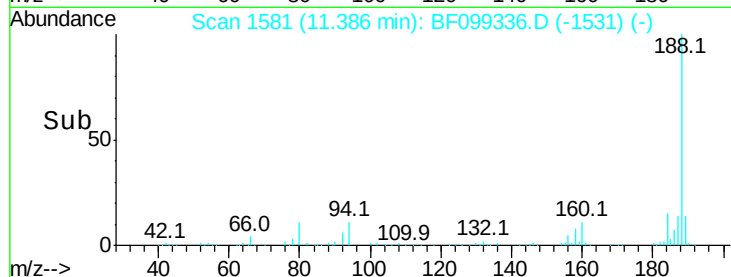
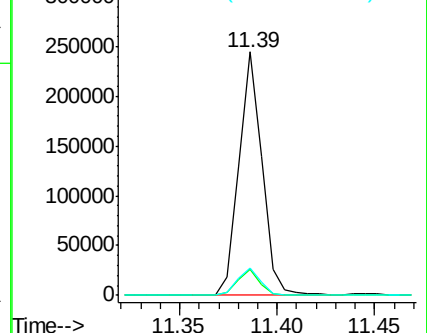
80 11.0 9.2 13.8



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: 3.981 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.24 min

Lab File: BF099336.D

Acq: 11 Oct 2017 9:26

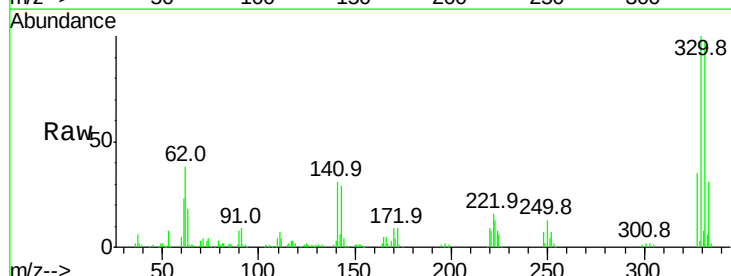
Tgt Ion:248 Resp: 7863

Ion Ratio Lower Upper

248 100

250 182.3 76.9 115.3#

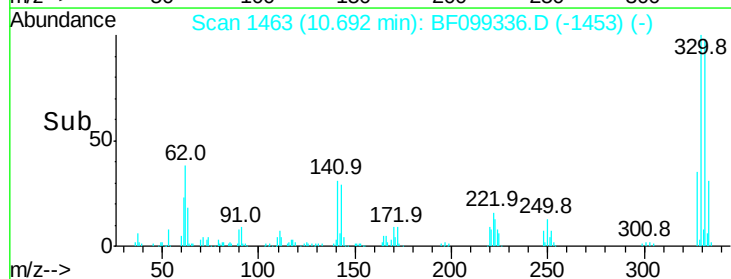
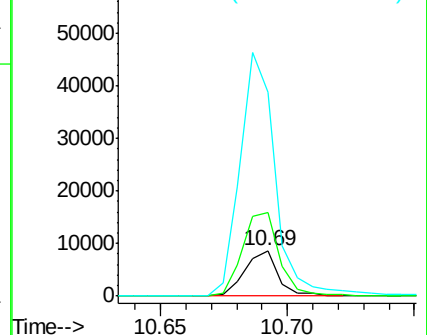
141 446.9 74.4 111.6#

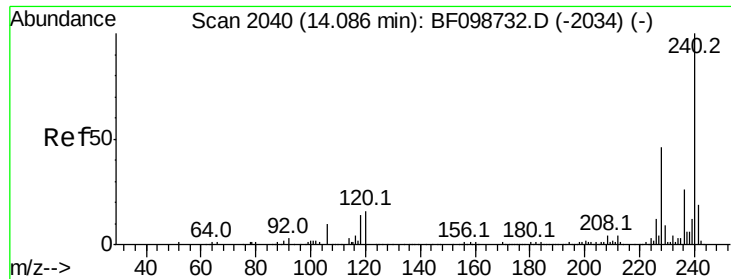


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF099336.D

Acq: 11 Oct 2017 9:26

Instrument :

BNA_F

ClientSampled :

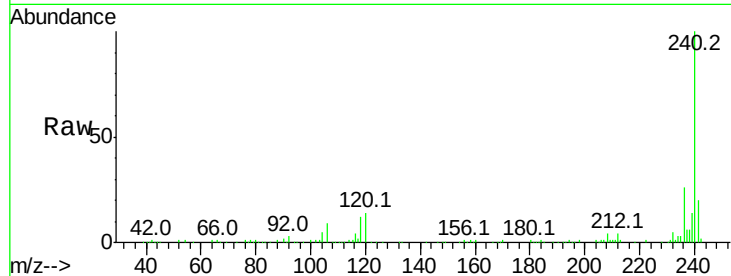
Tot Ion:240 Resp: 183750

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

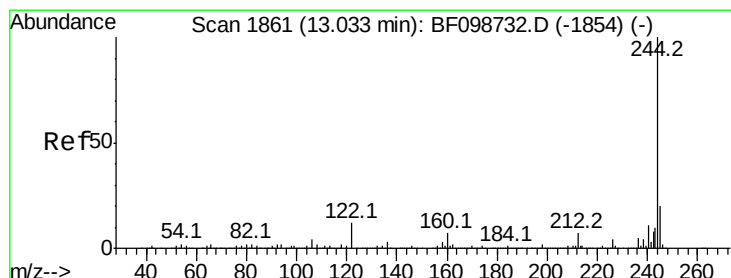
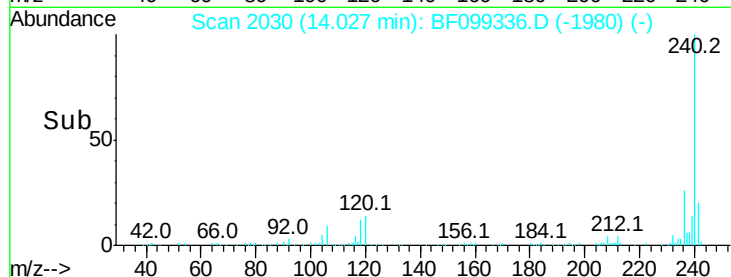
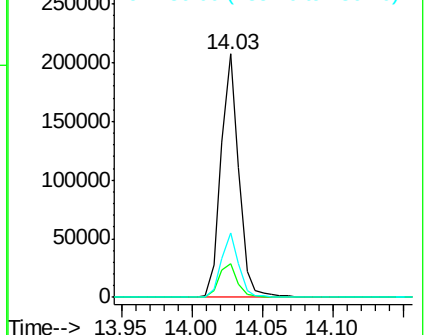
236 26.3 20.7 31.1



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: 91.399 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099336.D

Acq: 11 Oct 2017 9:26

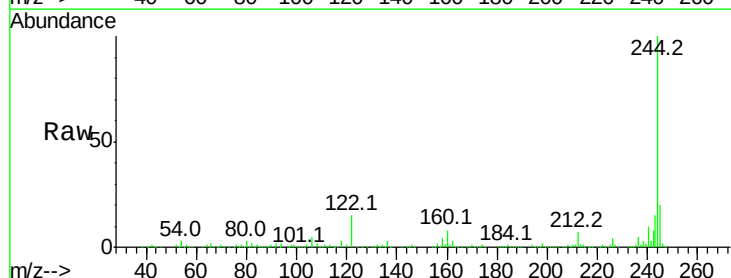
Tgt Ion:244 Resp: 738484

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

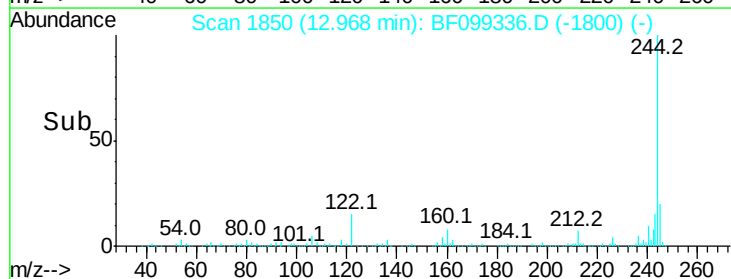
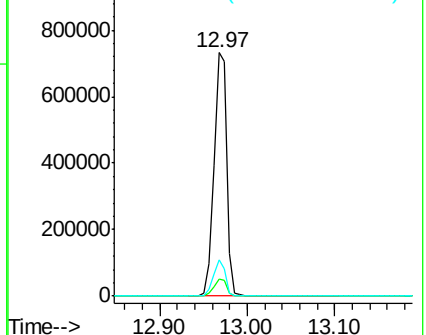
122 14.8 11.0 16.4

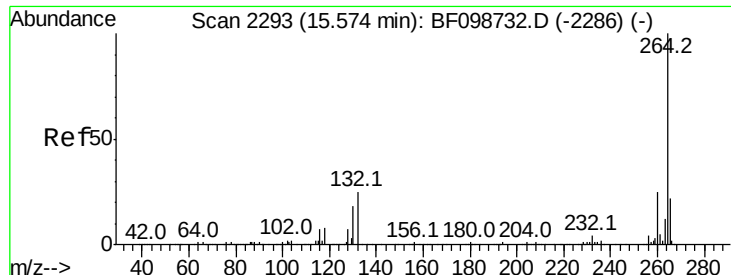


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

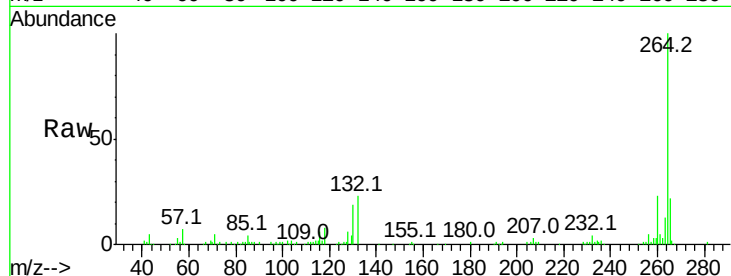




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BF099336.D
 Acq: 11 Oct 2017 9:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.7	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

