

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099301.D
 Acq On : 10 Oct 2017 15:11
 Operator : SJ/JU
 Sample : I5651-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 16:07:13 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

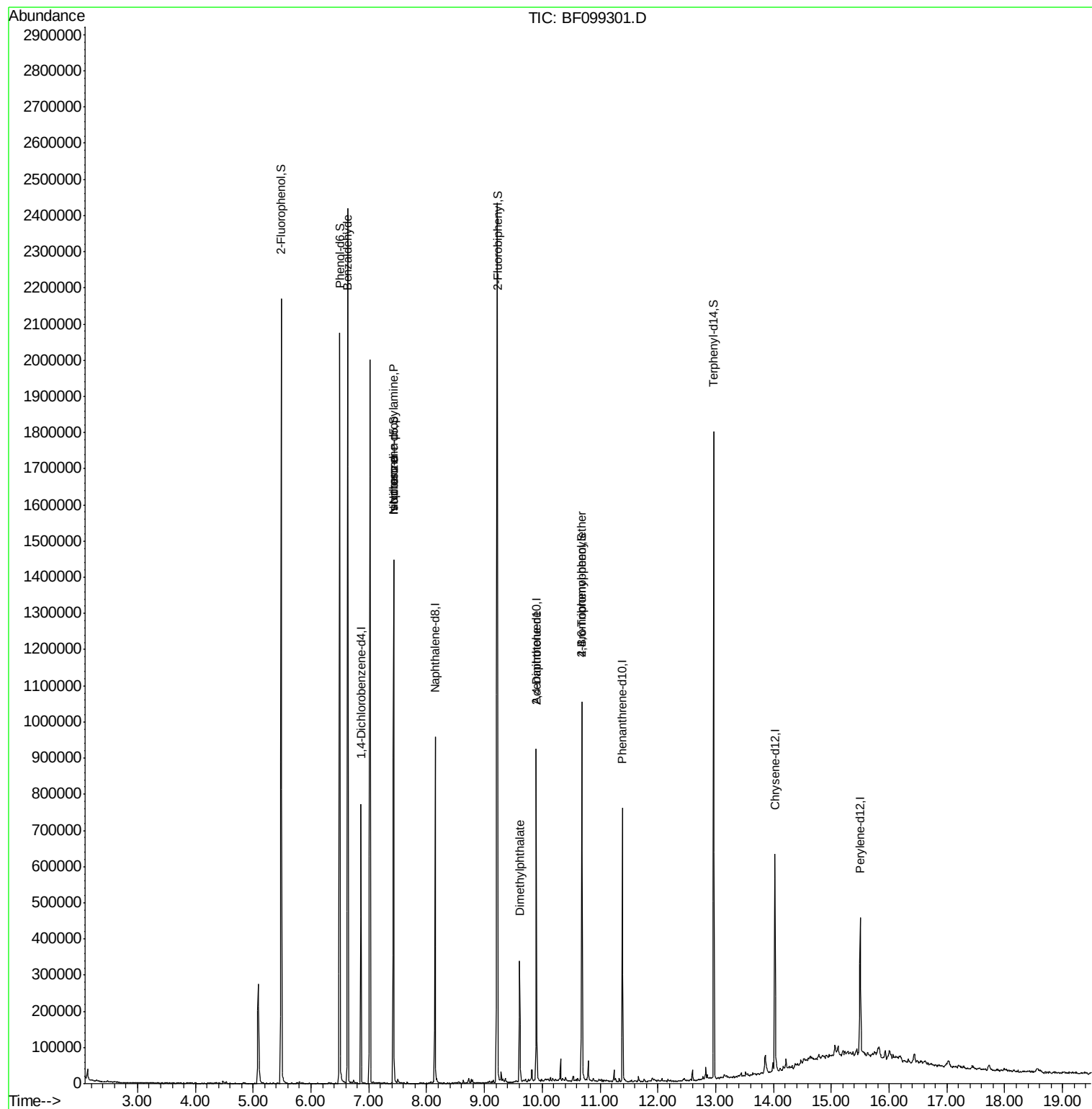
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	106572	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	414843	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	168189	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	248871	20.00	ng	0.00
75) Chrysene-d12	14.03	240	197568	20.00	ng	0.00
86) Perylene-d12	15.50	264	151674	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	676105	100.99	ng	0.00
7) Phenol-d6	6.50	99	814805	98.66	ng	0.00
23) Nitrobenzene-d5	7.43	82	479094	74.06	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	114096	82.90	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	836627	83.04	ng	0.00
78) Terphenyl-d14	12.97	244	545818	62.83	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	13670	2.854	ng	85
19) n-Nitroso-di-n-propylamine	7.43	70	61340	11.633	ng	# 75
25) Isophorone	7.43	82	479169	35.828	ng	# 64
49) Dimethylphthalate	9.61	163	127402	10.036	ng	99
56) 2,4-Dinitrotoluene	9.90	165	21507	5.996	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	7660	3.144	ng	# 1

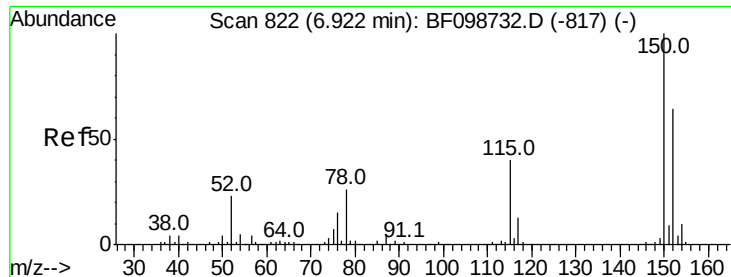
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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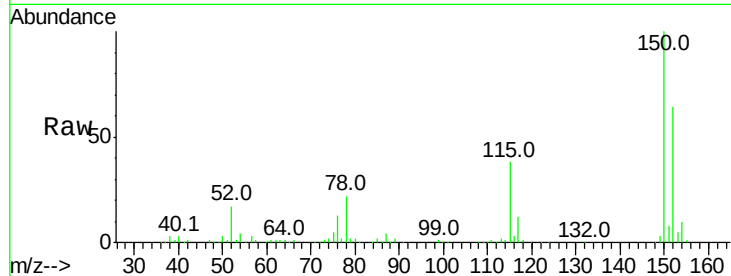


#1

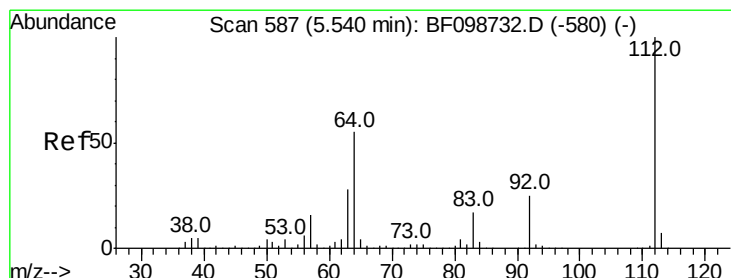
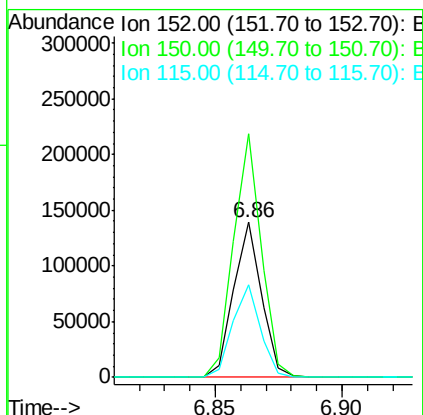
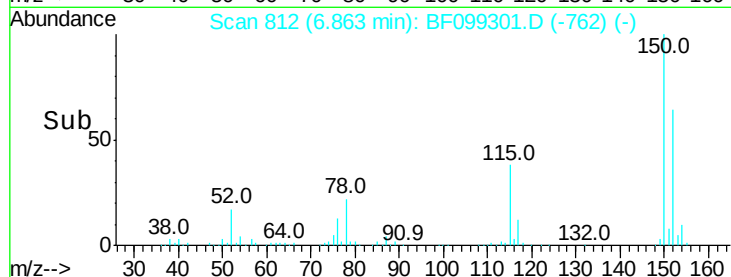
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099301.D
 Acq: 10 Oct 2017 15:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 106572
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.6 186.8
 115 59.4 50.1 75.1



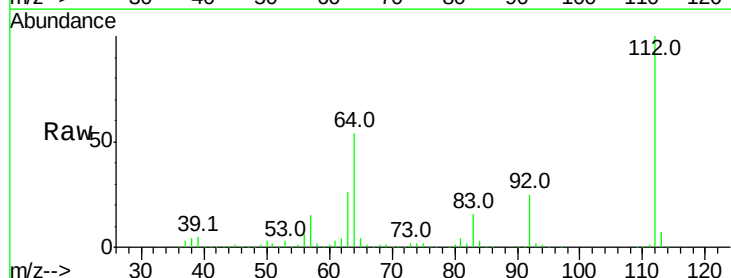
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



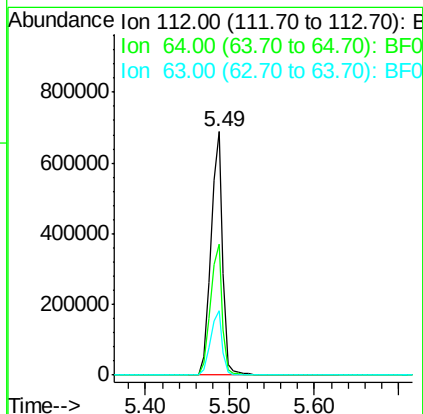
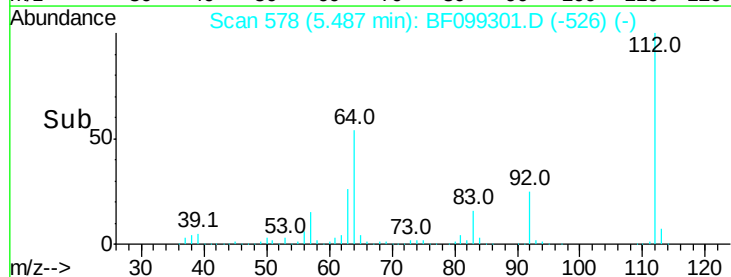
#5

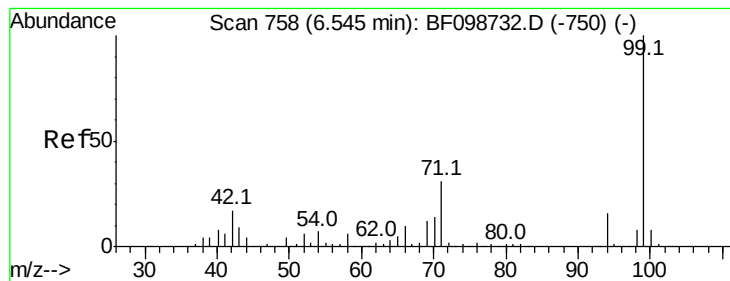
2-Fluorophenol
 Concen: 100.992 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF099301.D
 Acq: 10 Oct 2017 15:11

Tgt Ion:112 Resp: 676105
 Ion Ratio Lower Upper
 112 100
 64 53.5 47.9 71.9
 63 26.4 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: 98.661 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099301.D

Acq: 10 Oct 2017 15:11

Instrument :

BNA_F

ClientSampled :

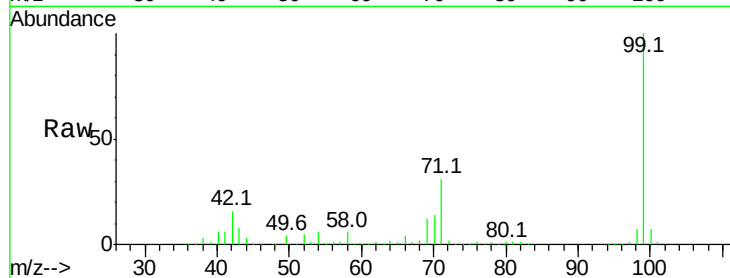
Tot Ion: 99 Resp: 814805

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

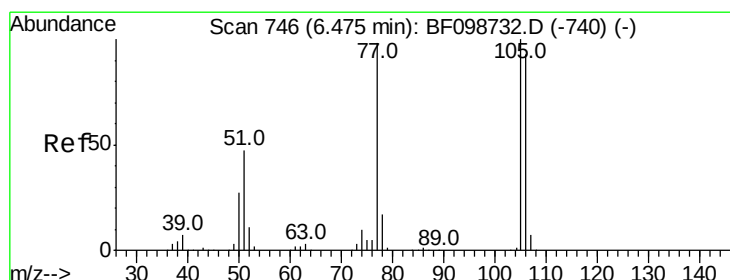
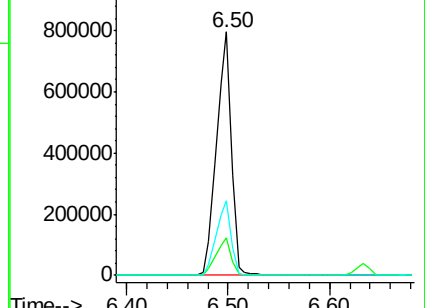
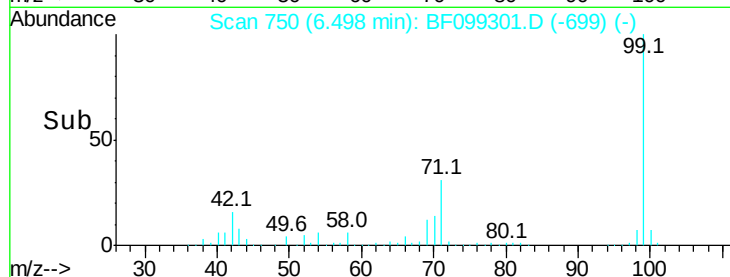
71 30.8 25.4 38.0



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: 2.854 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.21 min

Lab File: BF099301.D

Acq: 10 Oct 2017 15:11

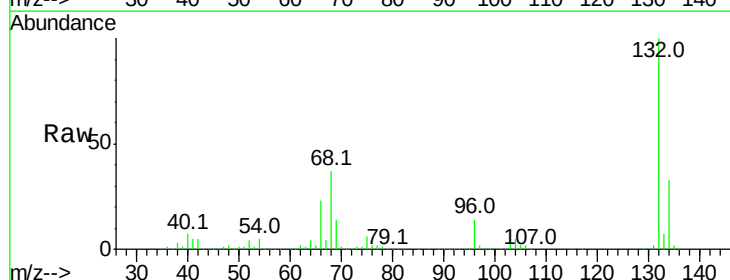
Tgt Ion: 77 Resp: 13670

Ion Ratio Lower Upper

77 100

105 86.4 81.1 121.1

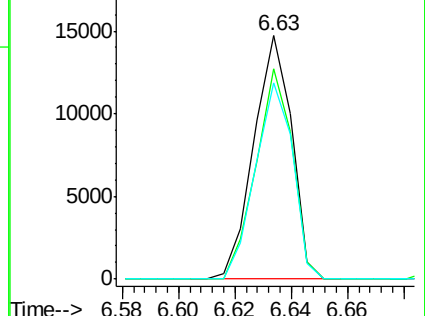
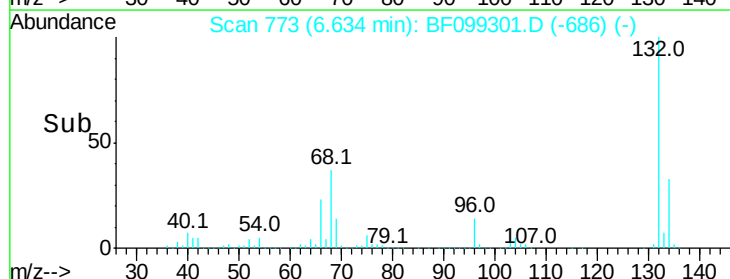
106 80.5 74.5 114.5

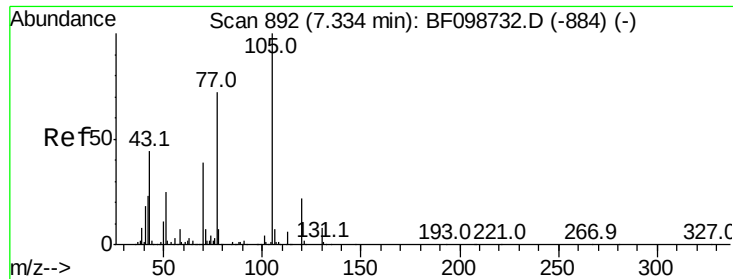


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

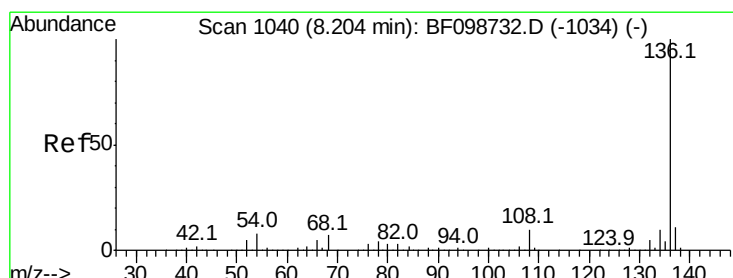
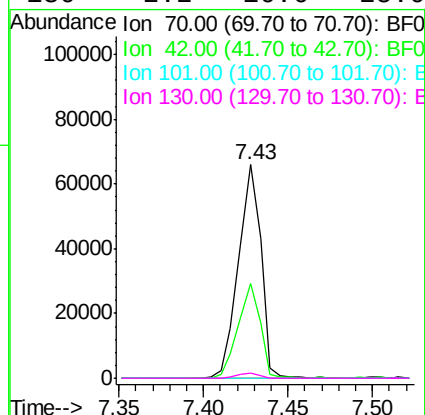
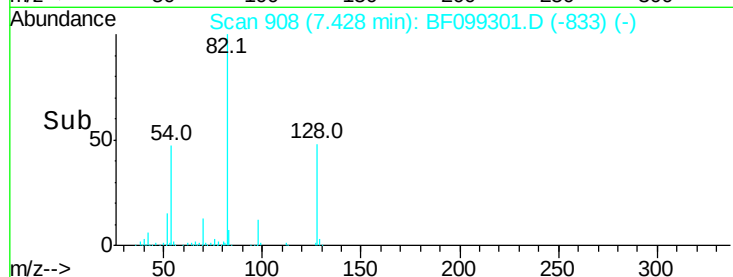
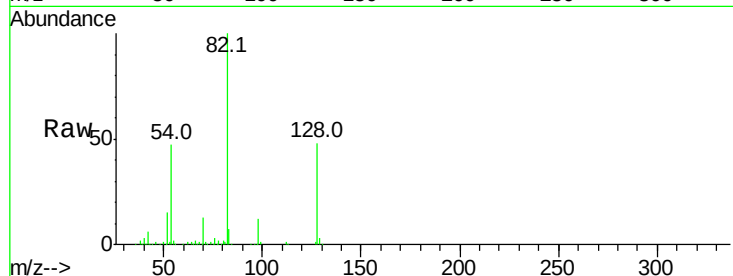




#19
n-Nitroso-di-n-propylamine
Concen: 11.633 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF099301.D
Acq: 10 Oct 2017 15:11

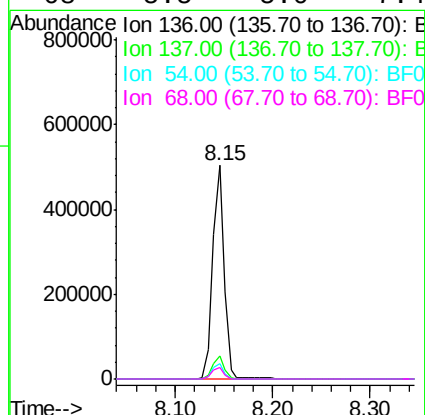
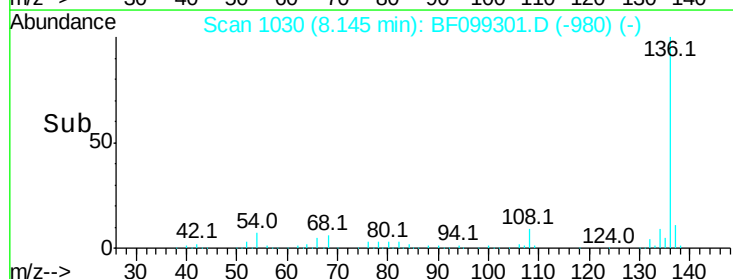
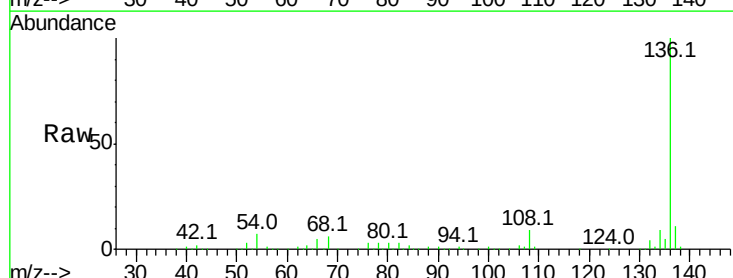
Instrument :
BNA_F
ClientSampleId :

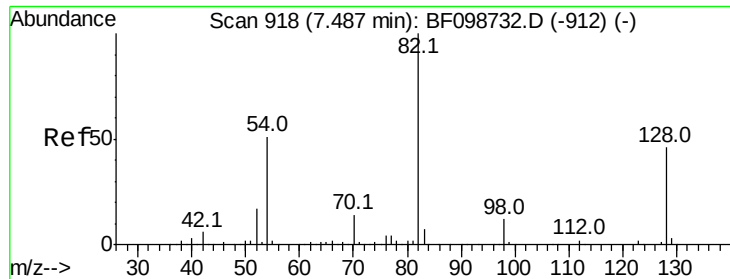
Tot Ion	Ratio	Lower	Upper
70	100		
42	44.6	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099301.D
Acq: 10 Oct 2017 15:11

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.0	6.6	9.8
68	5.5	5.0	7.4

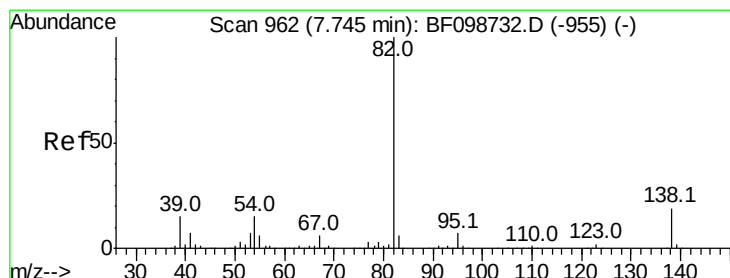
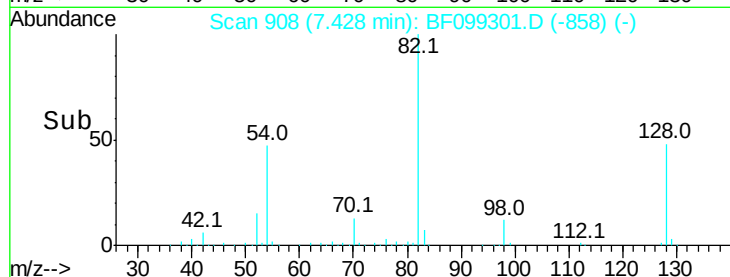
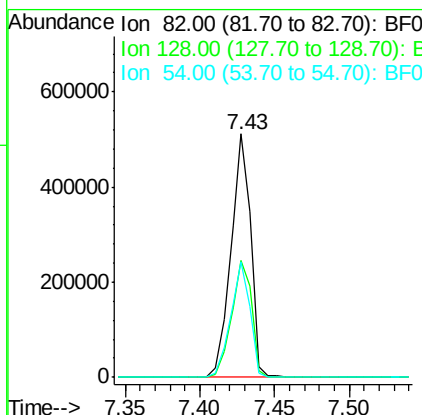
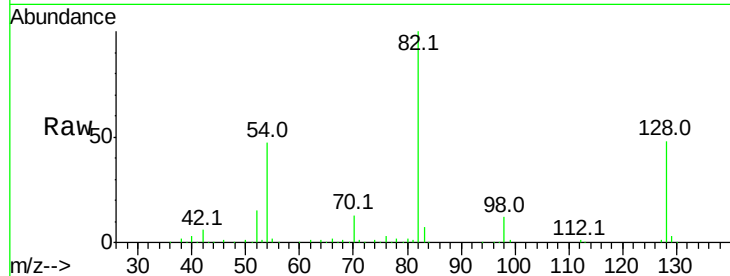




#23
 Nitrobenzene-d5
 Concen: 74.063 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099301.D
 Acq: 10 Oct 2017 15:11

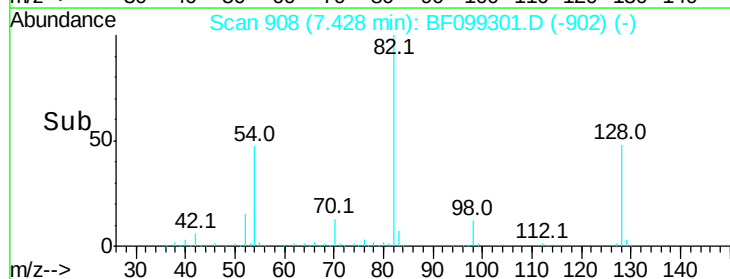
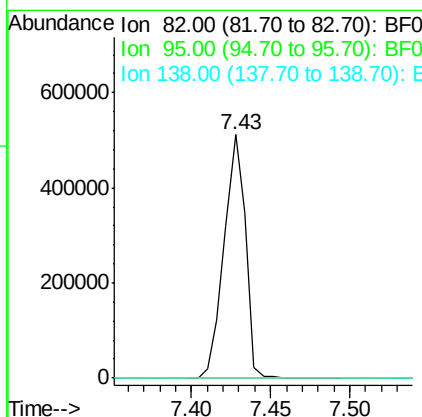
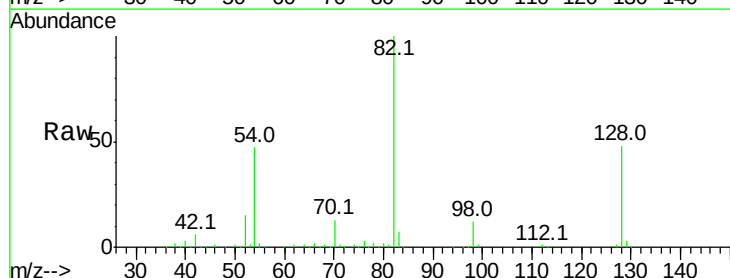
Instrument :
 BNA_F
 ClientSampleId :

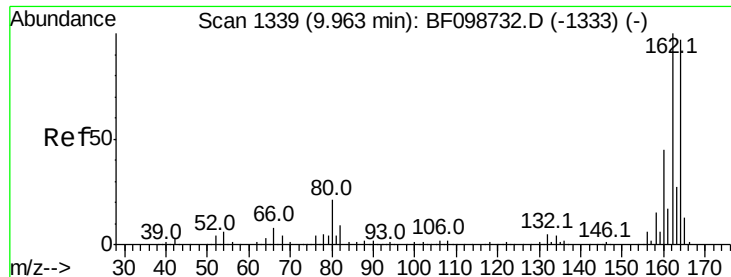
Tot Ion: 82 Resp: 479094
 Ion Ratio Lower Upper
 82 100
 128 47.9 36.1 54.1
 54 47.4 41.4 62.2



#25
 Isophorone
 Concen: 35.828 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.26 min
 Lab File: BF099301.D
 Acq: 10 Oct 2017 15:11

Tgt Ion: 82 Resp: 479169
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

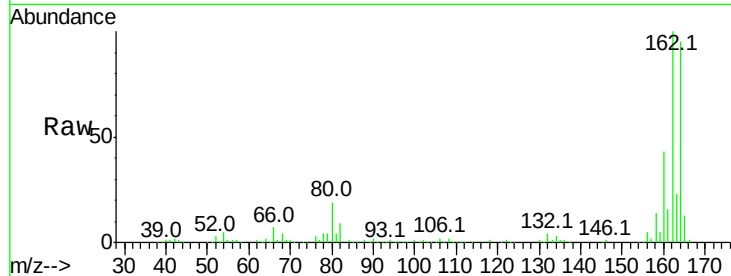




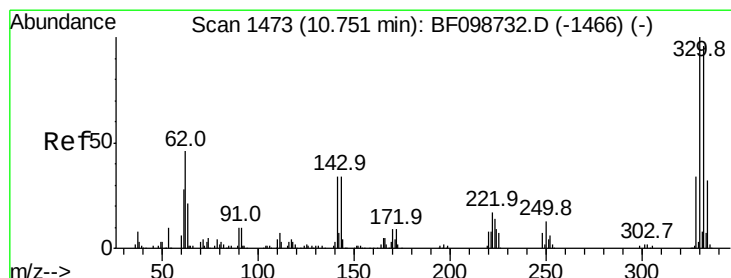
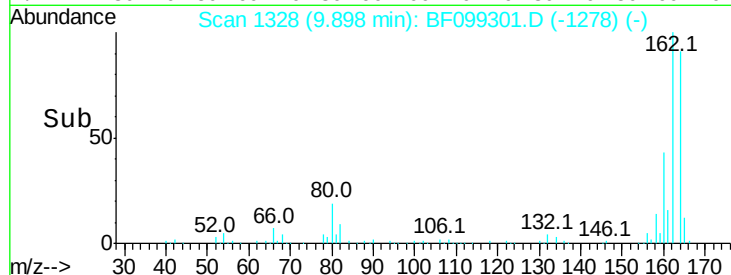
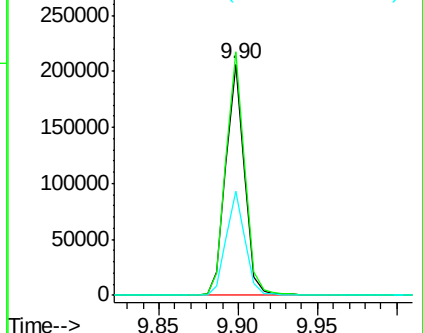
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099301.D
Acq: 10 Oct 2017 15:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 168189
Ion Ratio Lower Upper
164 100
162 105.5 86.1 129.1
160 44.9 38.3 57.5

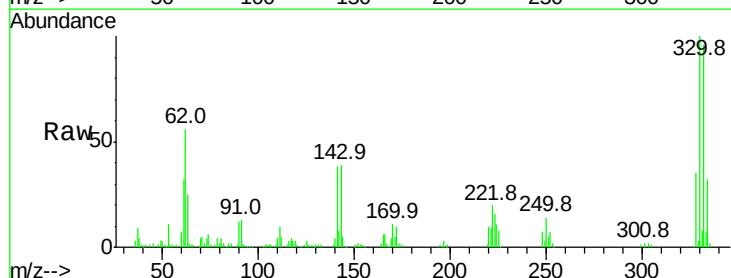


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

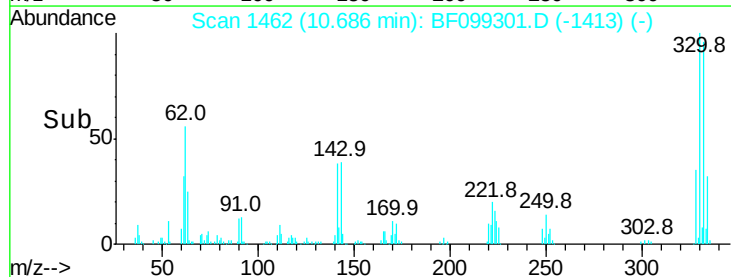
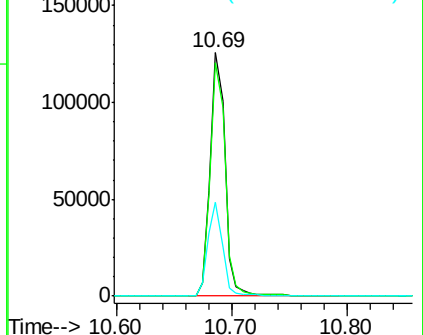


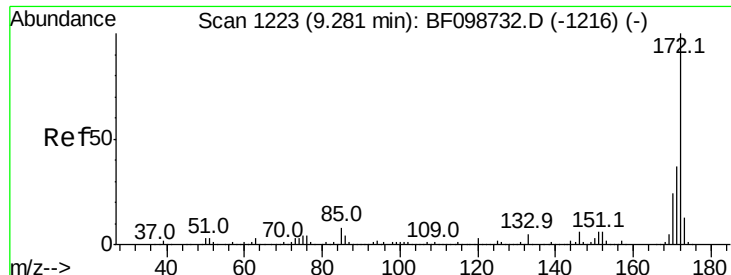
#41
2,4,6-Tribromophenol
Concen: 82.904 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF099301.D
Acq: 10 Oct 2017 15:11

Tgt Ion:330 Resp: 114096
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 38.2 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

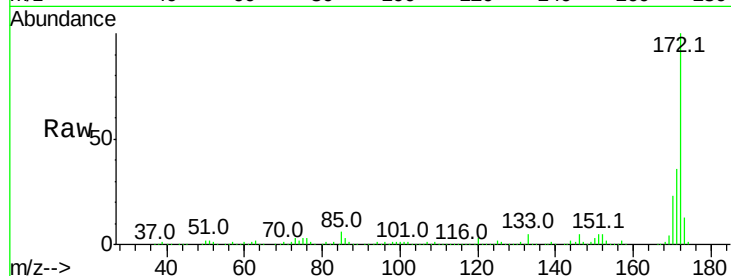




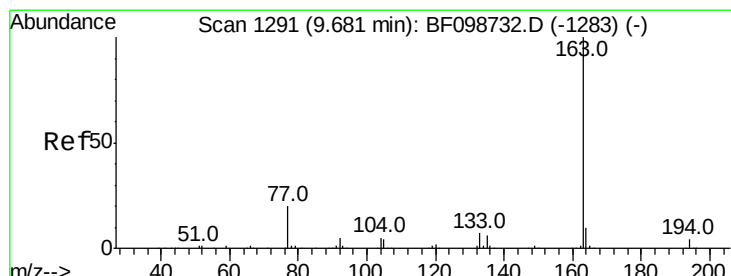
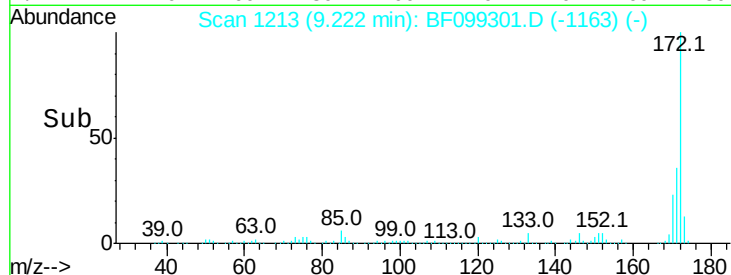
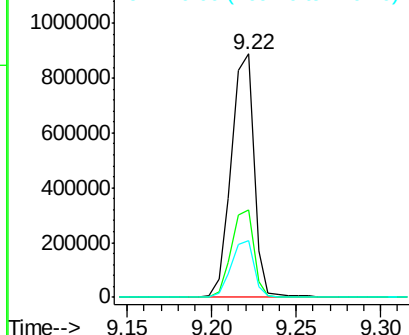
#44
 2-Fluorobiphenyl
 Concen: 83.042 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099301.D
 Acq: 10 Oct 2017 15:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.5	19.6	29.4

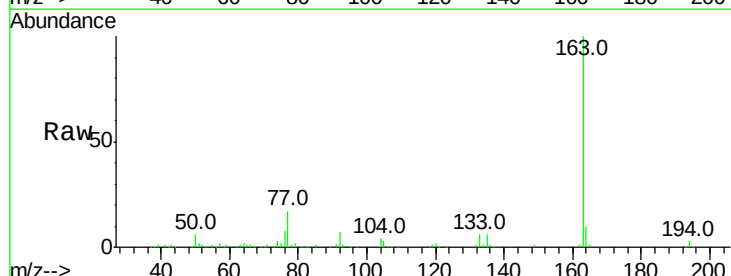


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

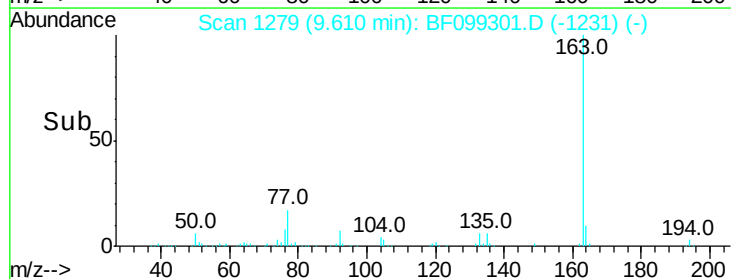
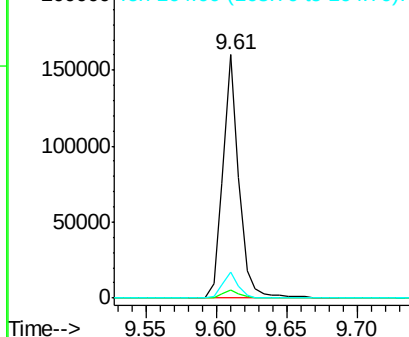


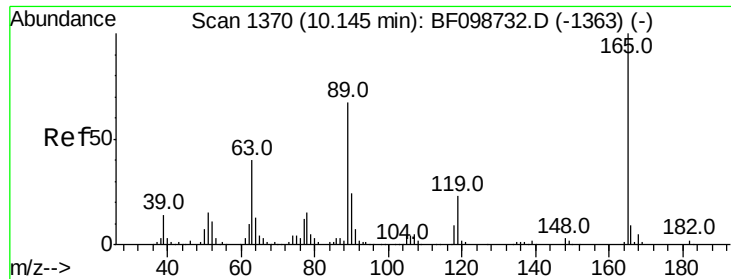
#49
 Dimethylphthalate
 Concen: 10.036 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BF099301.D
 Acq: 10 Oct 2017 15:11

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.5	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

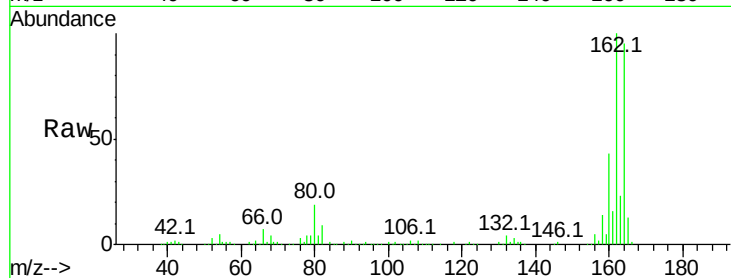




#56
 2,4-Dinitrotoluene
 Concen: 5.996 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099301.D
 Acq: 10 Oct 2017 15:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

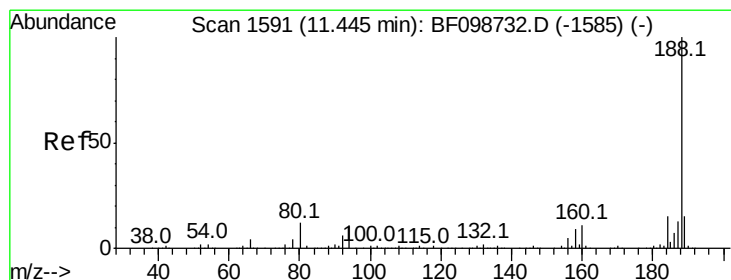
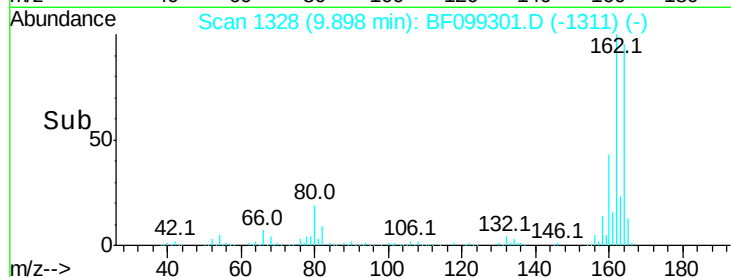
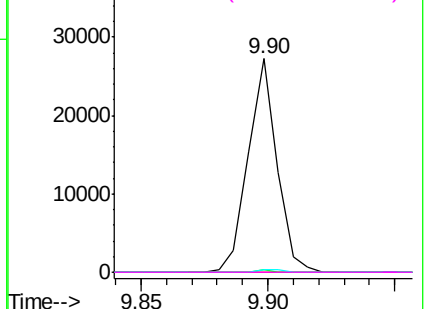


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

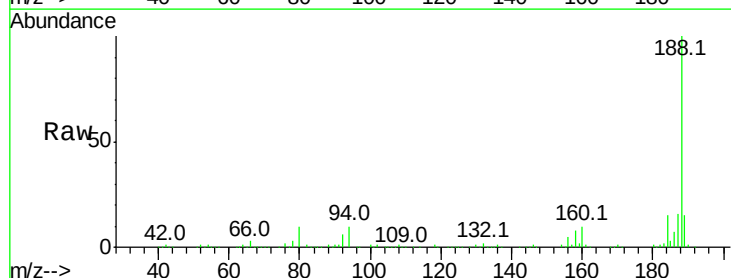
Ion 89.00 (88.70 to 89.70): BF0

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: BF099301.D
 Acq: 10 Oct 2017 15:11

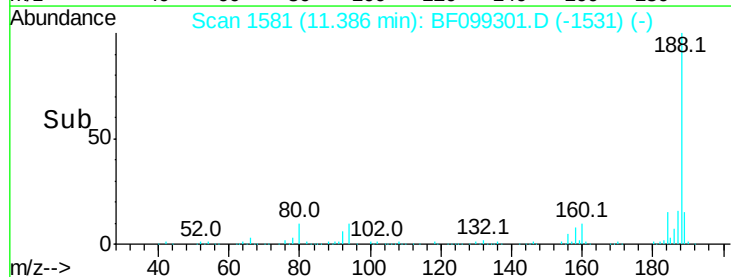
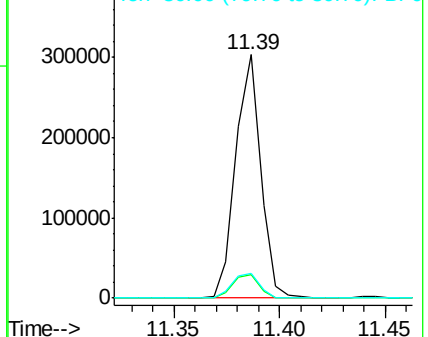
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.3	9.2	13.8

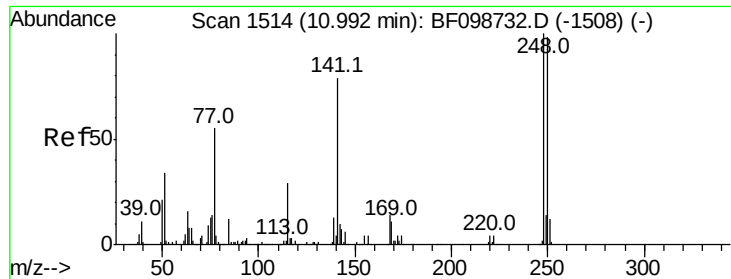


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

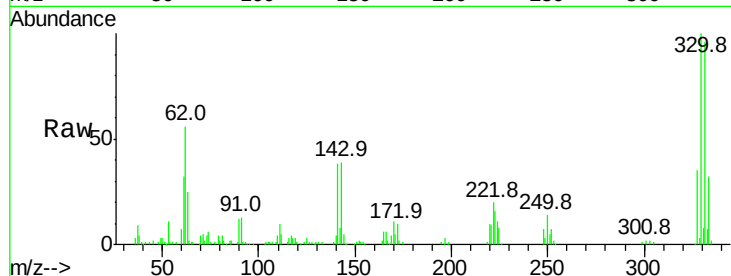




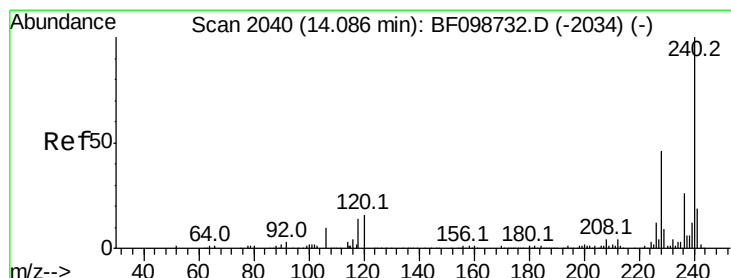
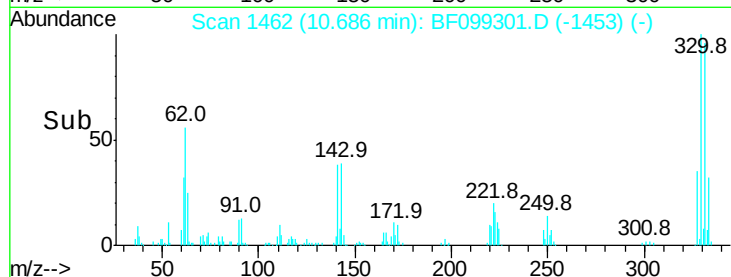
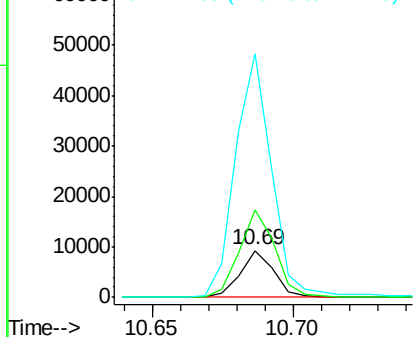
#66
 4-Bromophenyl-phenylether
 Concen: 3.144 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.25 min
 Lab File: BF099301.D
 Acq: 10 Oct 2017 15:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 7660
 Ion Ratio Lower Upper
 248 100
 250 187.3 76.9 115.3#
 141 520.0 74.4 111.6#

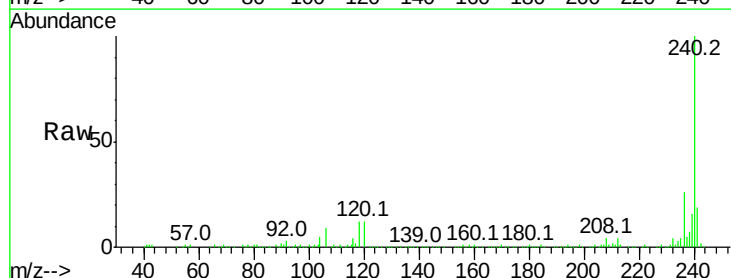


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

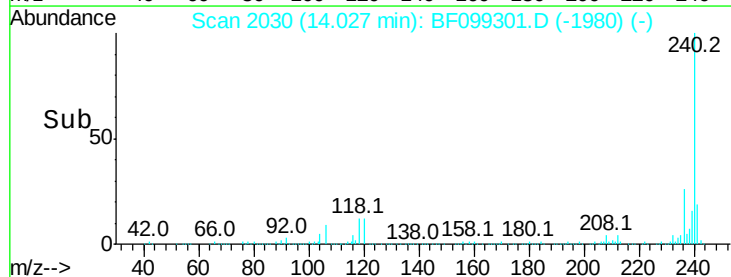
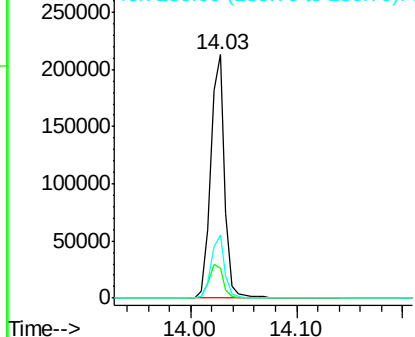


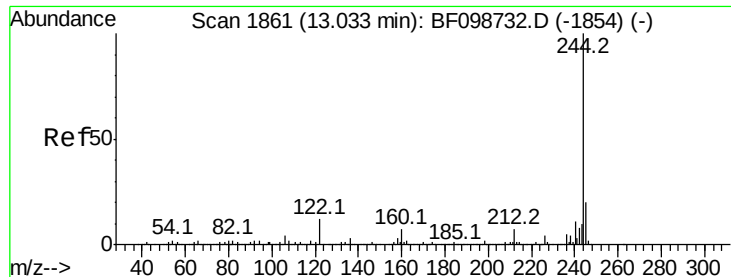
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF099301.D
 Acq: 10 Oct 2017 15:11

Tgt Ion:240 Resp: 197568
 Ion Ratio Lower Upper
 240 100
 120 12.4 9.5 14.3
 236 25.8 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

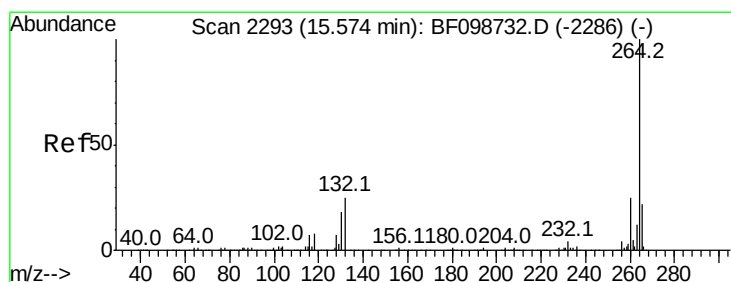
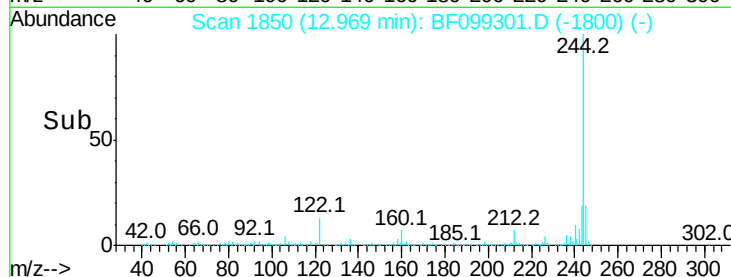
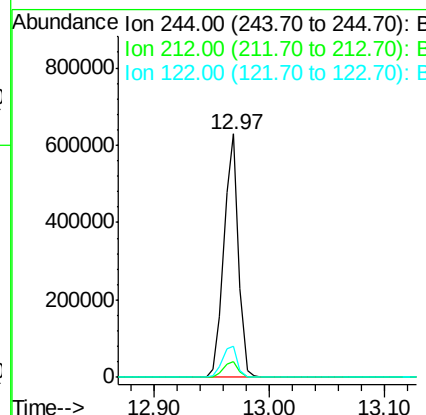
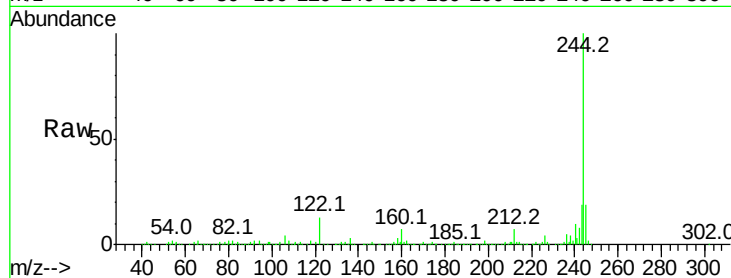




#78
 Terphenyl-d14
 Concen: 62.829 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF099301.D
 Acq: 10 Oct 2017 15:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 545818
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 12.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF099301.D
 Acq: 10 Oct 2017 15:11

Tgt Ion:264 Resp: 151674
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.0 17.5 26.3

