

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099299.D
 Acq On : 10 Oct 2017 14:15
 Operator : SJ/JU
 Sample : I5651-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 16:06:40 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

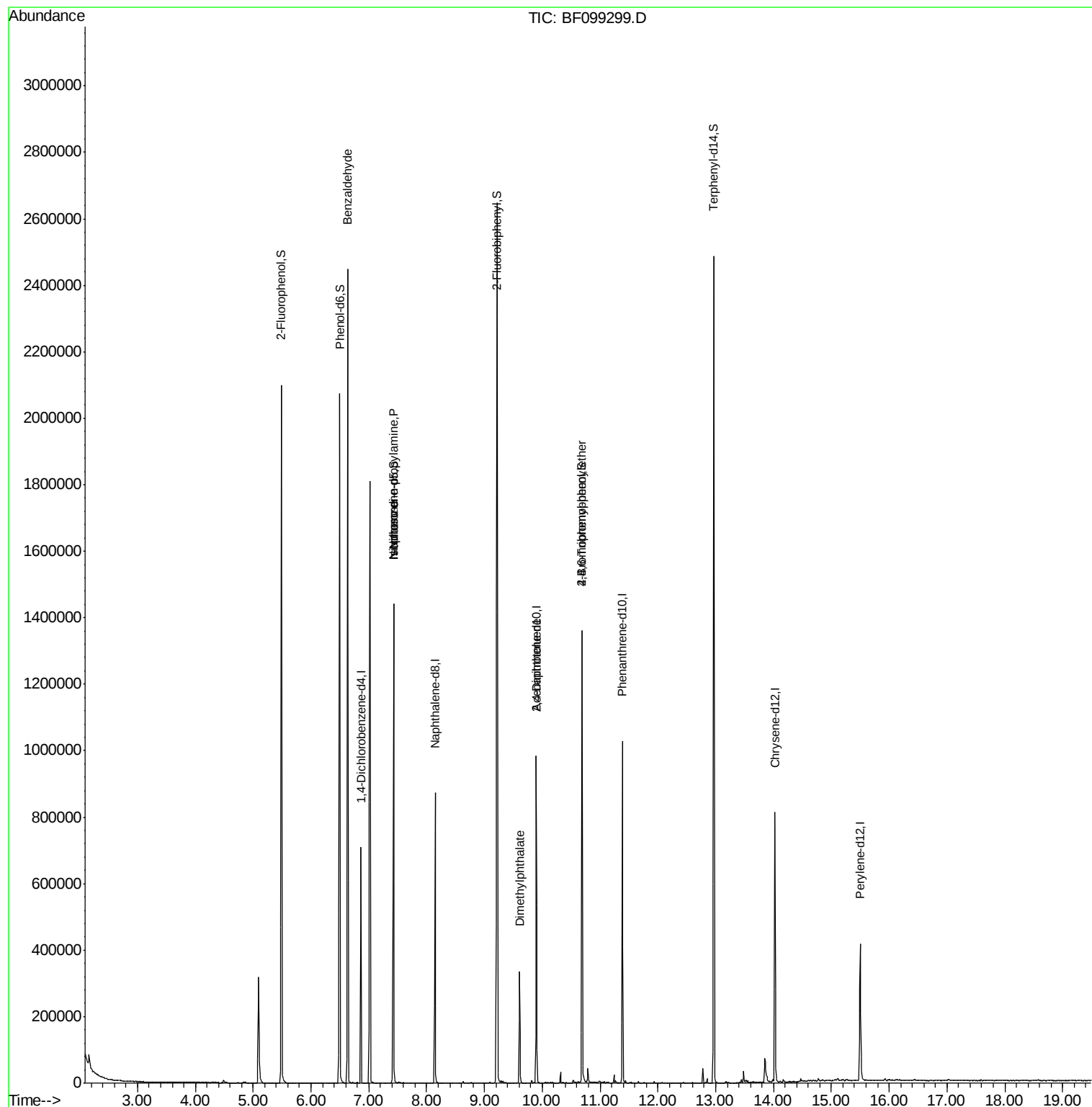
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	101078	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	410862	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	187201	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	341292	20.00	ng	0.00
75) Chrysene-d12	14.03	240	278263	20.00	ng	0.00
86) Perylene-d12	15.50	264	195768	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	689497	108.59	ng	0.00
7) Phenol-d6	6.50	99	828728	105.80	ng	0.00
23) Nitrobenzene-d5	7.43	82	489231	76.36	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	171922	112.23	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	924457	82.44	ng	-0.01
78) Terphenyl-d14	12.97	244	877370	71.71	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	13197	2.905	ng	92
19) n-Nitroso-di-n-propylamine	7.43	70	61058	12.209	ng	# 74
25) Isophorone	7.43	82	489225	36.934	ng	# 64
49) Dimethylphthalate	9.61	163	134803	9.541	ng	99
56) 2,4-Dinitrotoluene	9.90	165	23642	5.922	ng	# 22
66) 4-Bromophenyl-phenylether	10.69	248	11989	3.589	ng	# 1

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

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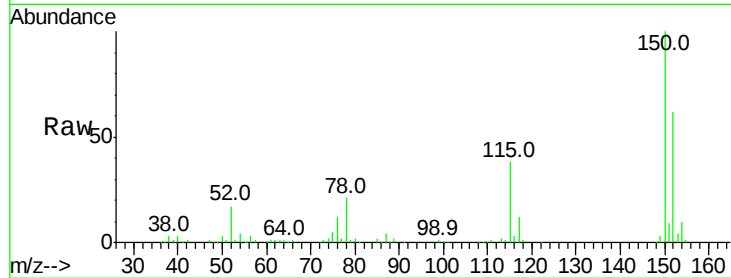


#1

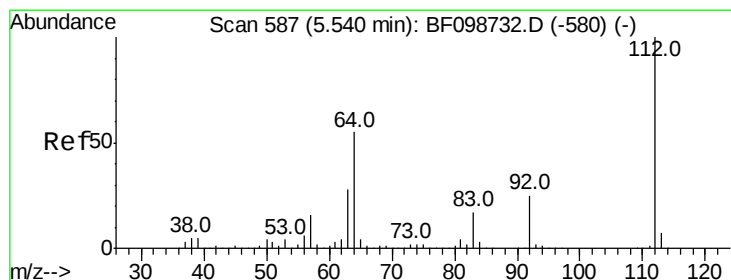
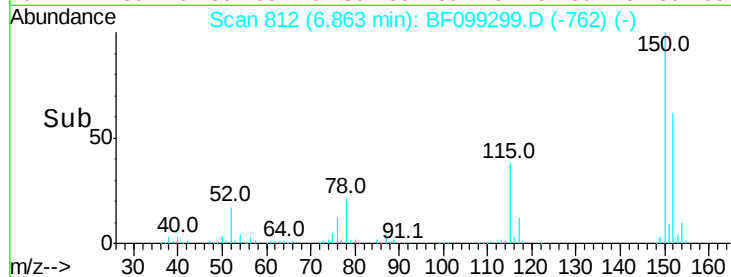
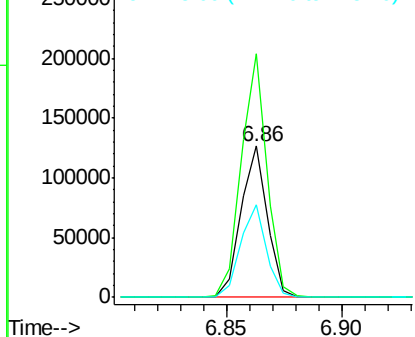
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099299.D
Acq: 10 Oct 2017 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 101078
Ion Ratio Lower Upper
152 100
150 161.3 124.6 186.8
115 61.2 50.1 75.1



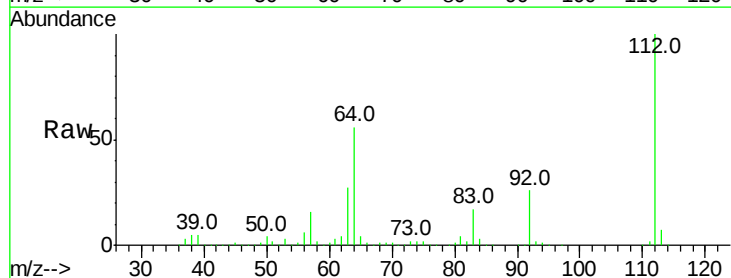
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



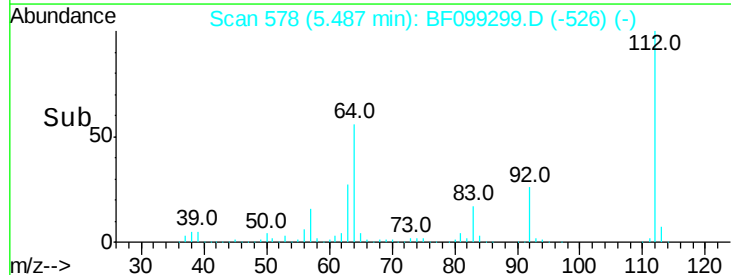
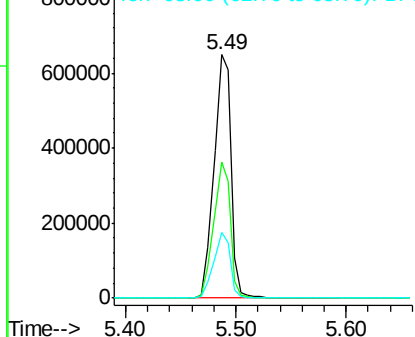
#5

2-Fluorophenol
Concen: 108.590 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF099299.D
Acq: 10 Oct 2017 14:15

Tgt Ion:112 Resp: 689497
Ion Ratio Lower Upper
112 100
64 55.9 47.9 71.9
63 27.0 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: 105.802 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099299.D

Acq: 10 Oct 2017 14:15

Instrument :

BNA_F

ClientSampleId :

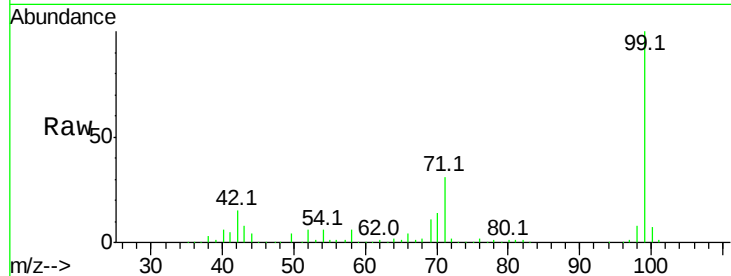
Tot Ion: 99 Resp: 828728

Ion Ratio Lower Upper

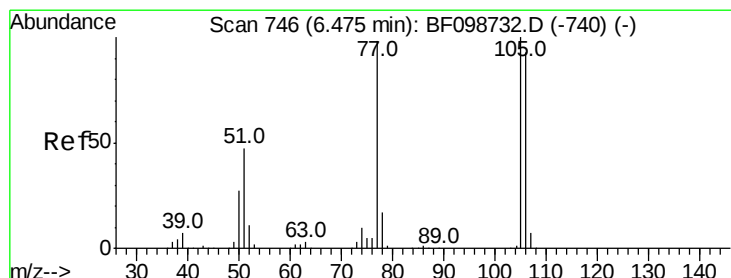
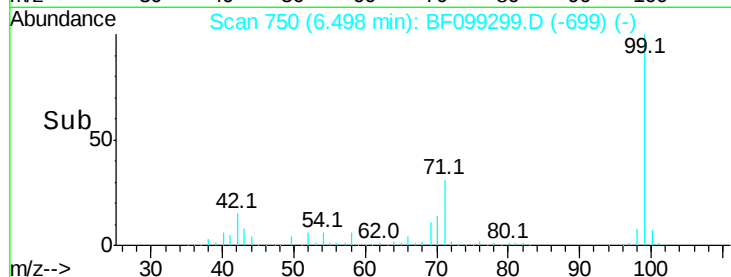
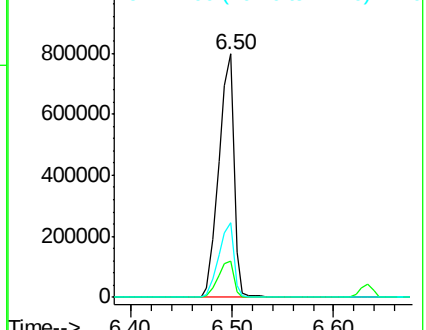
99 100

42 15.0 14.5 21.7

71 30.7 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: 2.905 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.21 min

Lab File: BF099299.D

Acq: 10 Oct 2017 14:15

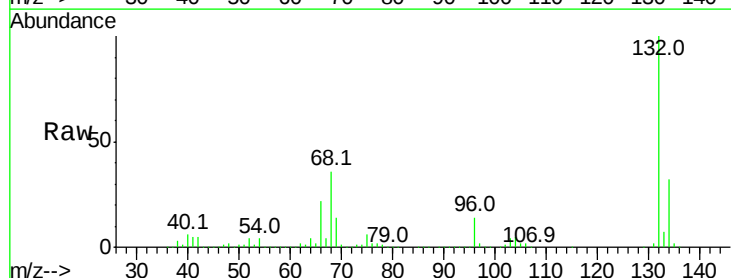
Tgt Ion: 77 Resp: 13197

Ion Ratio Lower Upper

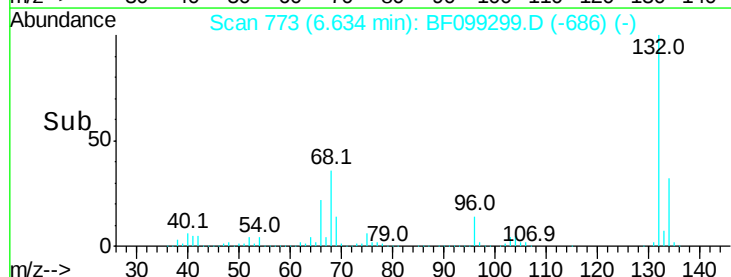
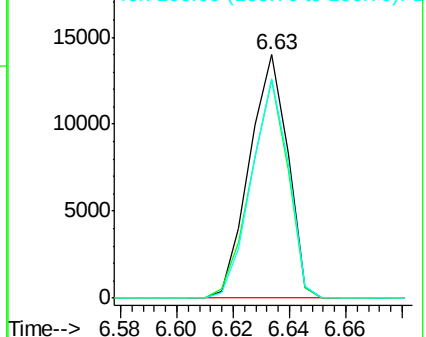
77 100

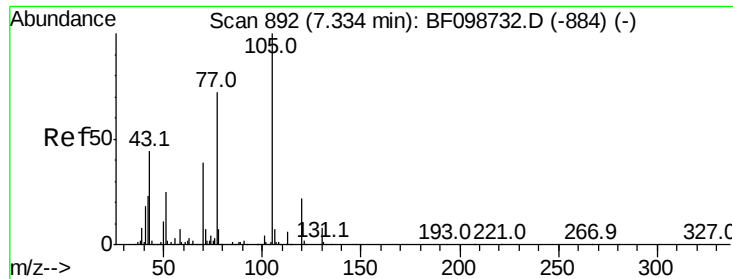
105 89.7 81.1 121.1

106 89.9 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

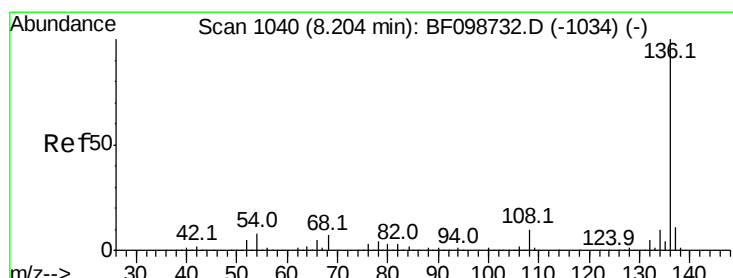
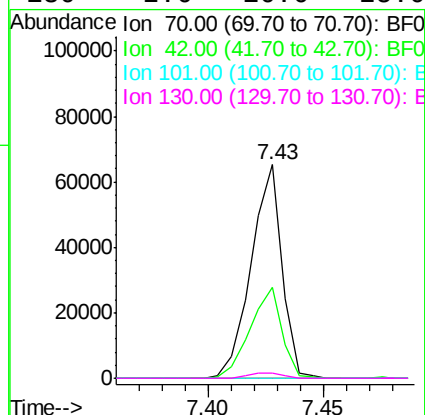
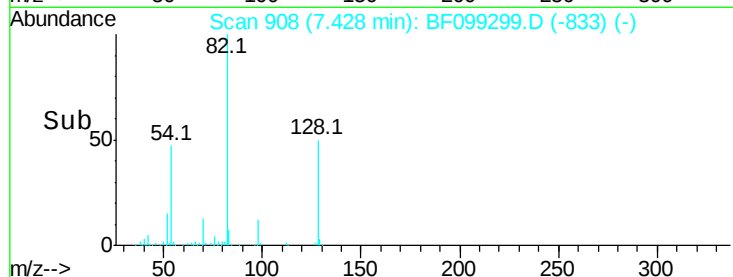
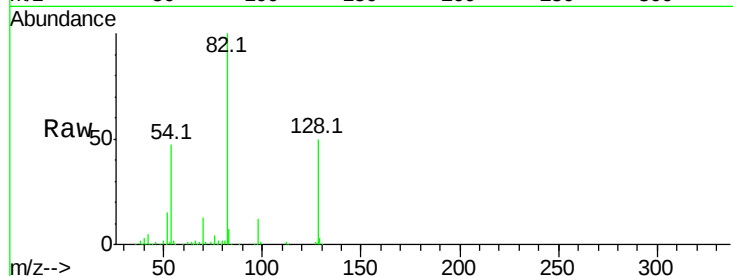




#19
n-Nitroso-di-n-propylamine
Concen: 12.209 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF099299.D
Acq: 10 Oct 2017 14:15

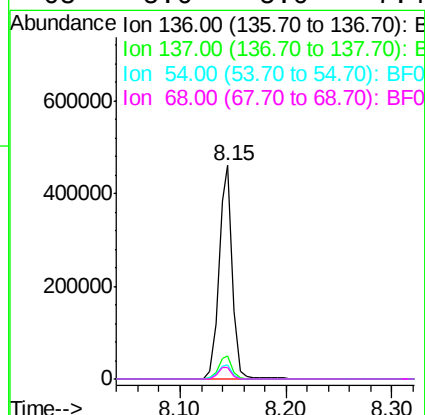
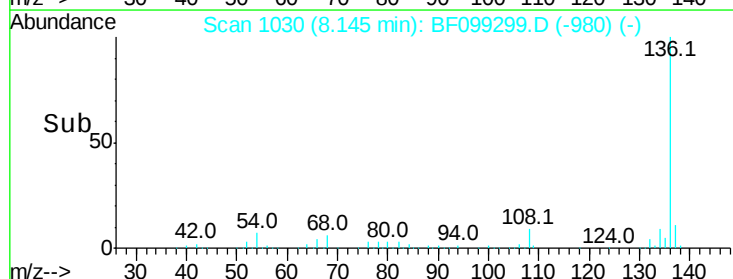
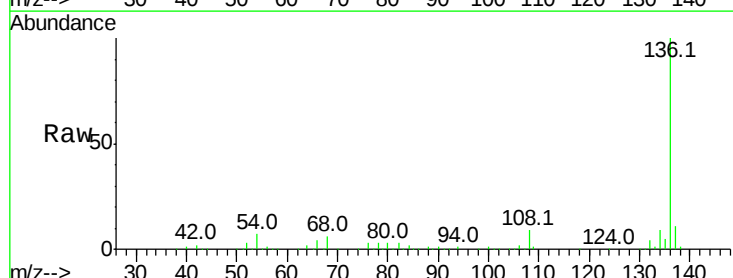
Instrument :
BNA_F
ClientSampleId :

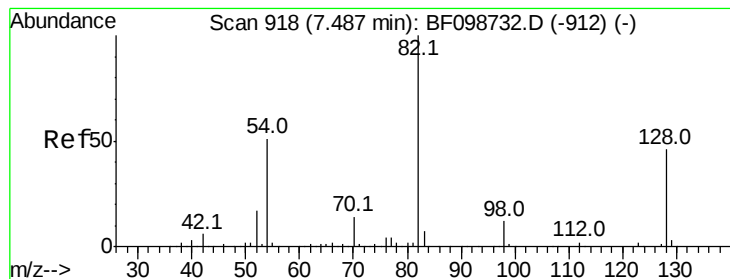
Tot Ion: 70 Resp: 61058
Ion Ratio Lower Upper
70 100
42 42.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099299.D
Acq: 10 Oct 2017 14:15

Tgt Ion: 136 Resp: 410862
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.7 6.6 9.8
68 5.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 76.363 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF099299.D

Acq: 10 Oct 2017 14:15

Instrument :

BNA_F

ClientSampleId :

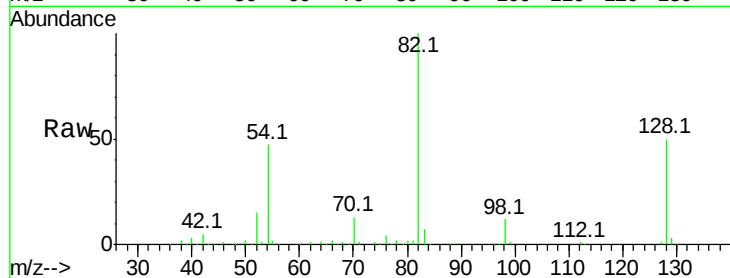
Tot Ion: 82 Resp: 489231

Ion Ratio Lower Upper

82 100

128 49.6 36.1 54.1

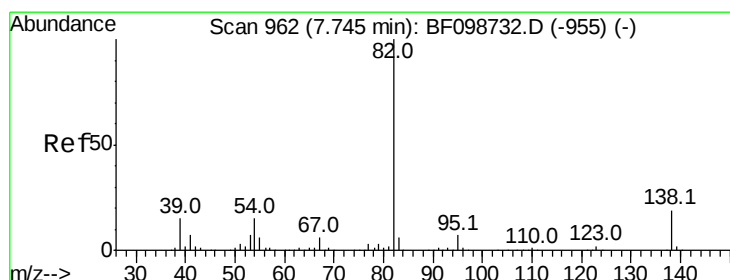
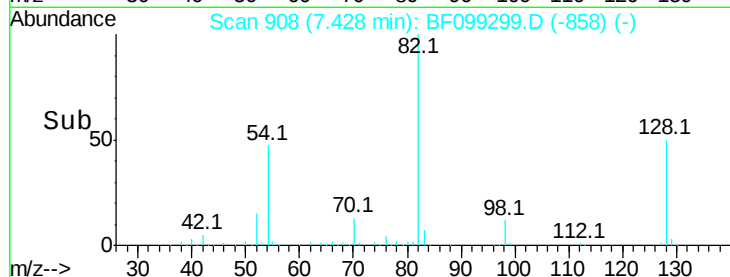
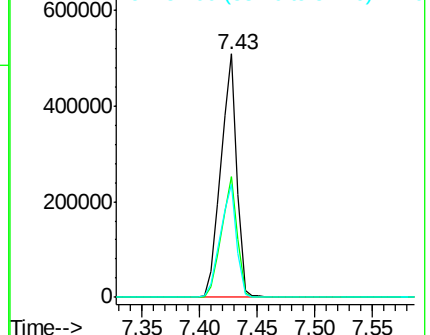
54 46.6 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 36.934 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF099299.D

Acq: 10 Oct 2017 14:15

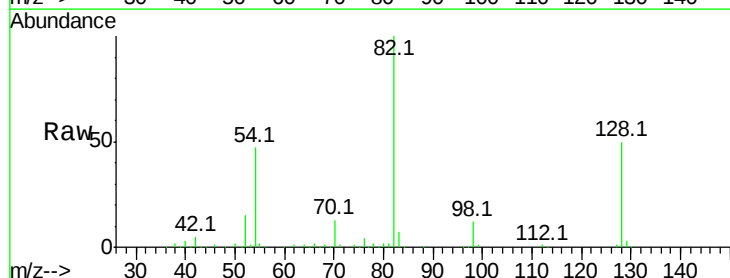
Tgt Ion: 82 Resp: 489225

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

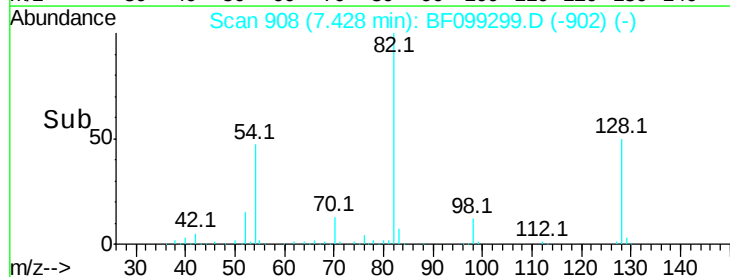
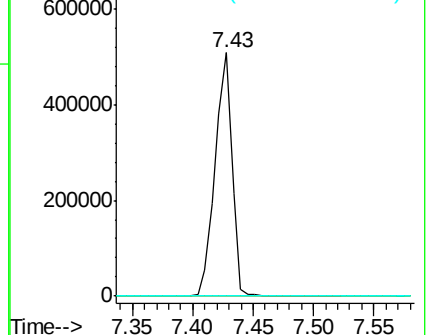
138 0.0 14.9 22.3#



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): BF0

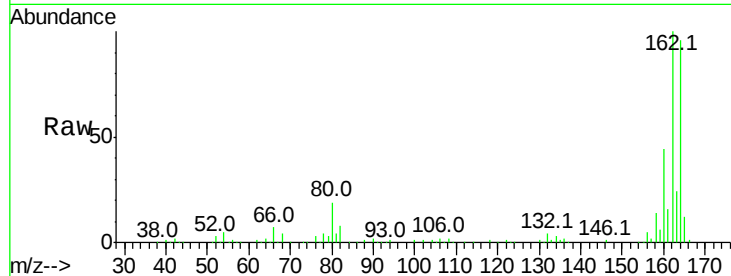




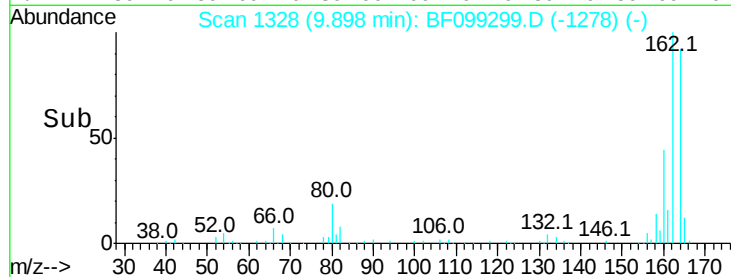
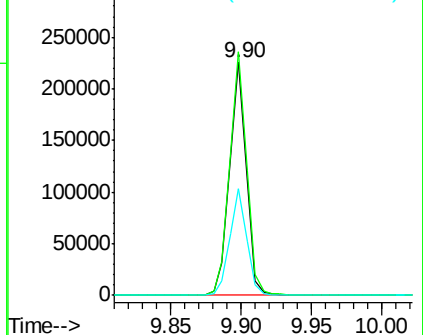
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099299.D
Acq: 10 Oct 2017 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 187201
Ion Ratio Lower Upper
164 100
162 104.6 86.1 129.1
160 45.9 38.3 57.5

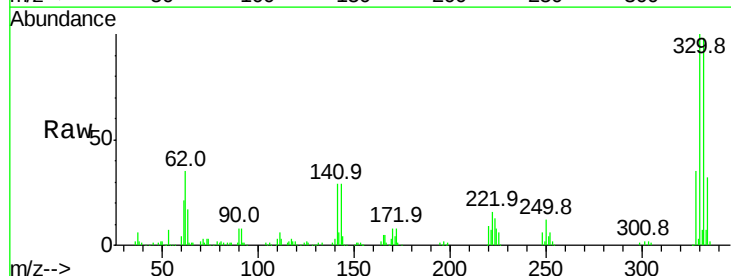


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

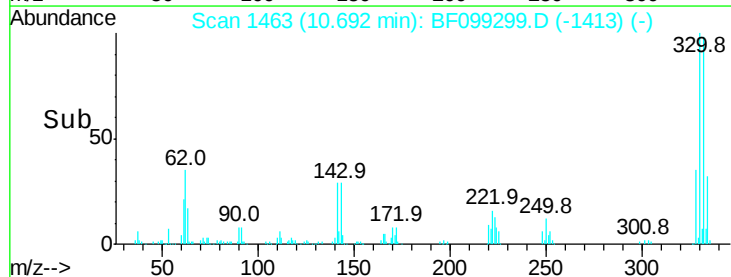
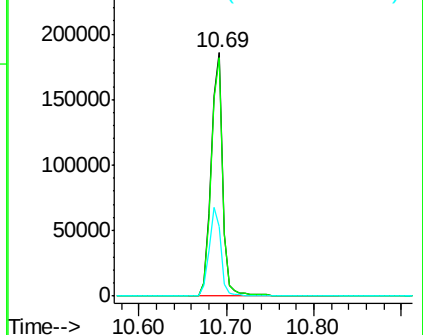


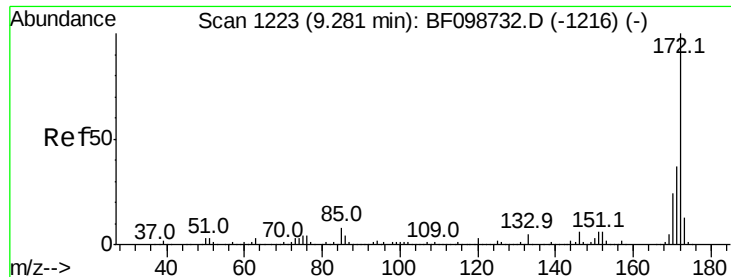
#41
2,4,6-Tribromophenol
Concen: 112.234 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF099299.D
Acq: 10 Oct 2017 14:15

Tgt Ion:330 Resp: 171922
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.6
141 37.2 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

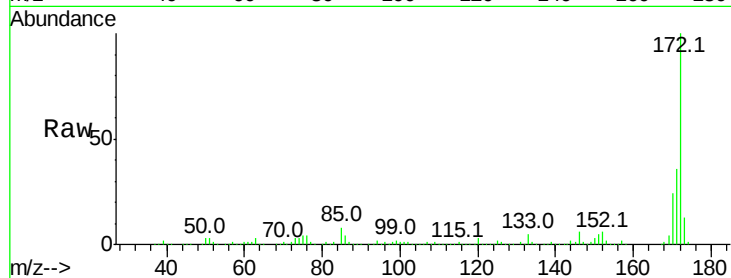




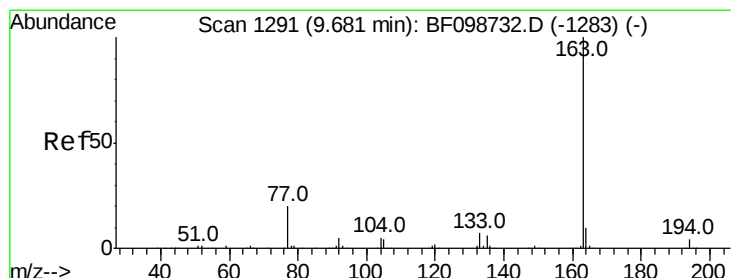
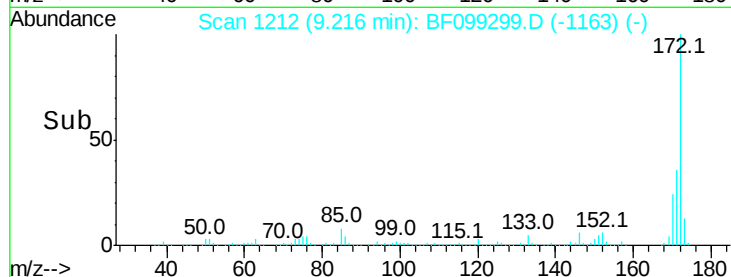
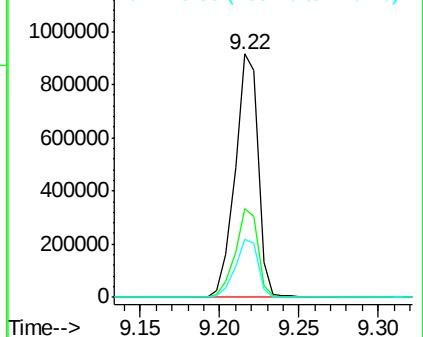
#44
2-Fluorobiphenyl
Concen: 82.441 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF099299.D
Acq: 10 Oct 2017 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.9	19.6	29.4

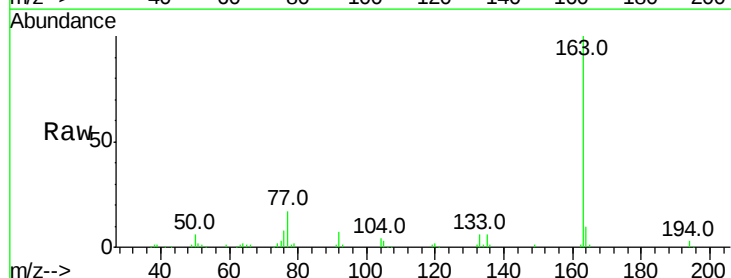


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

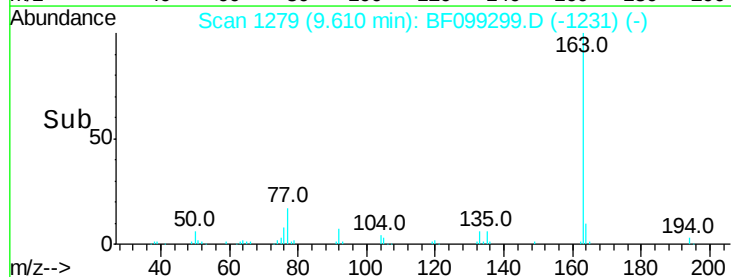
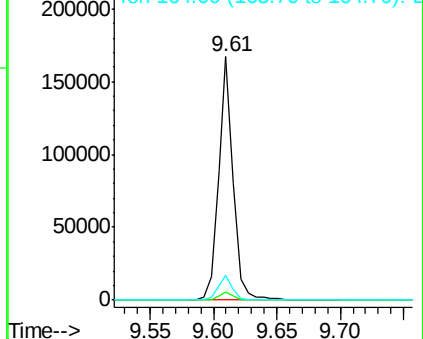


#49
Dimethylphthalate
Concen: 9.541 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099299.D
Acq: 10 Oct 2017 14:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.9	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

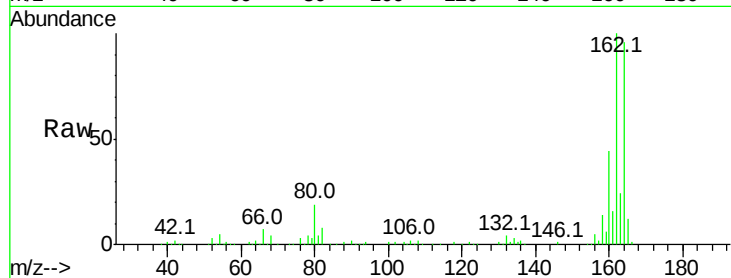




#56
 2,4-Dinitrotoluene
 Concen: 5.922 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099299.D
 Acq: 10 Oct 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	23642
Ion Ratio	Lower	Upper
165	100	
63	1.1	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#

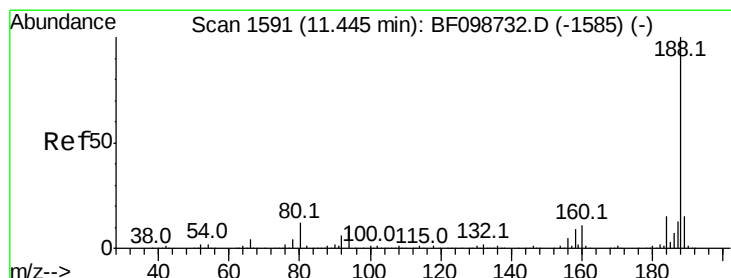
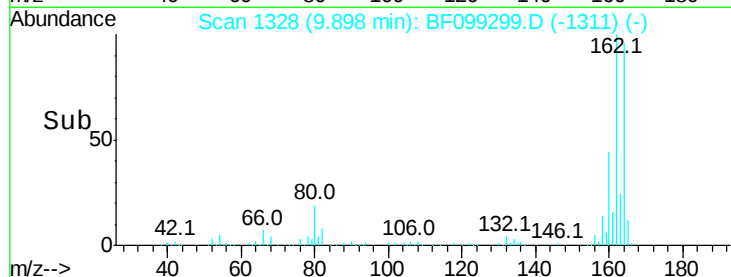
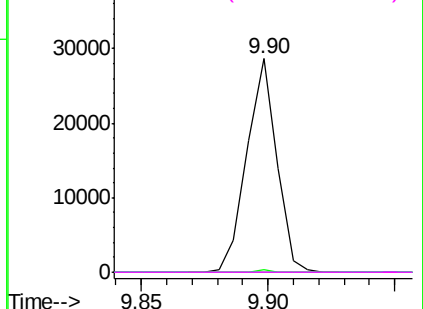


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

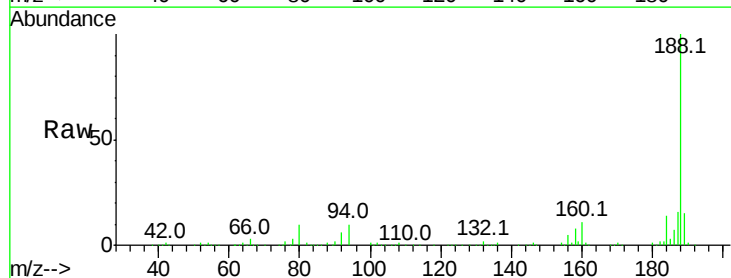
Ion 89.00 (88.70 to 89.70): BF0

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: BF099299.D
 Acq: 10 Oct 2017 14:15

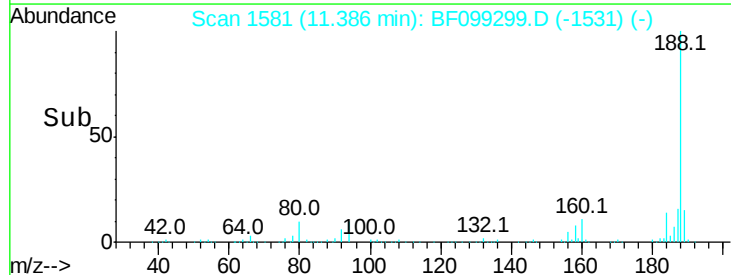
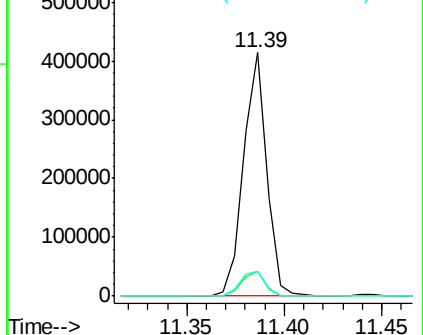
Tgt Ion:188	Resp:	341292
Ion Ratio	Lower	Upper
188	100	
94	10.1	8.5 12.7
80	10.3	9.2 13.8

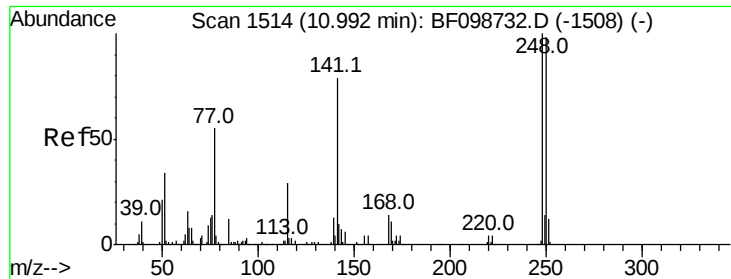


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

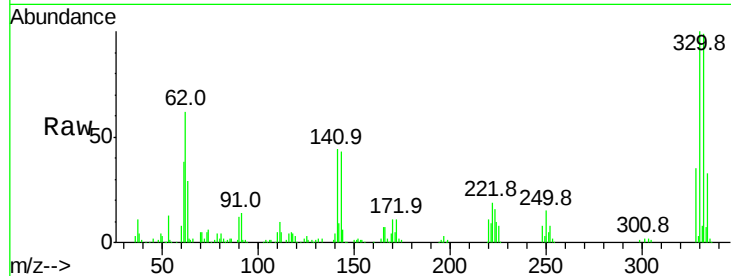




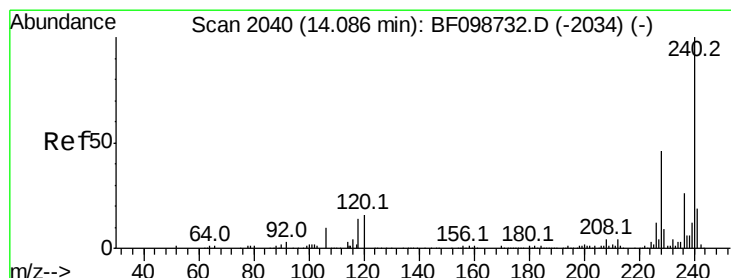
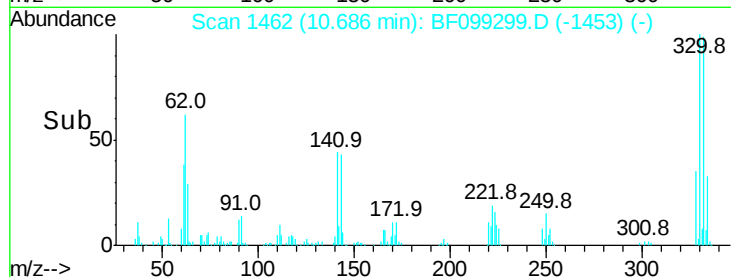
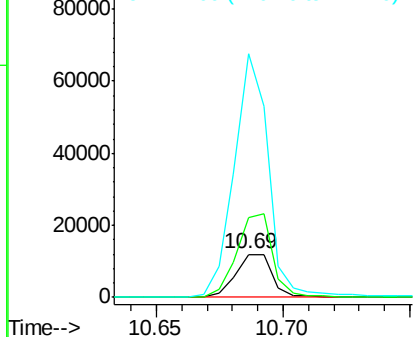
#66
4-Bromophenyl-phenylether
Concen: 3.589 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.25 min
Lab File: BF099299.D
Acq: 10 Oct 2017 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 11989
Ion Ratio Lower Upper
248 100
250 186.1 76.9 115.3#
141 564.7 74.4 111.6#

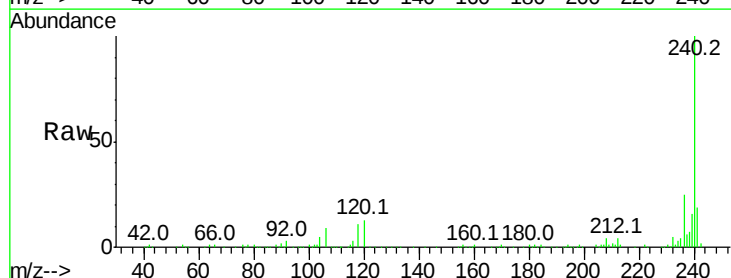


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

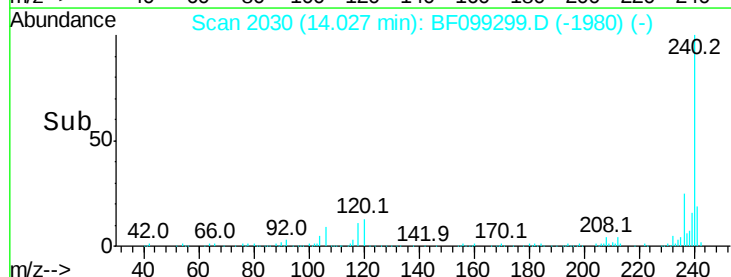
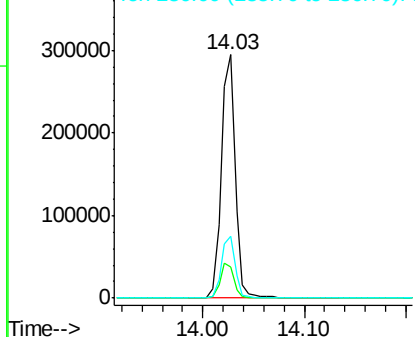


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099299.D
Acq: 10 Oct 2017 14:15

Tgt Ion:240 Resp: 278263
Ion Ratio Lower Upper
240 100
120 12.6 9.5 14.3
236 25.5 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: 71.706 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099299.D

Acq: 10 Oct 2017 14:15

Instrument :

BNA_F

ClientSampleId :

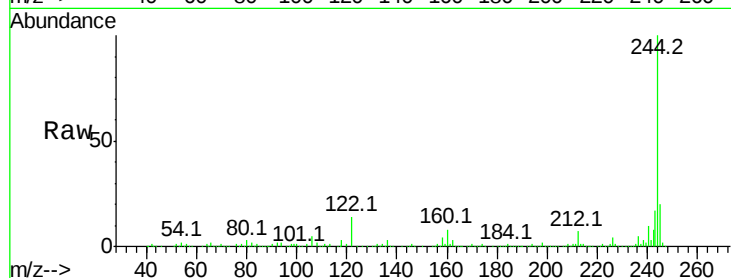
Tot Ion:244 Resp: 877370

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

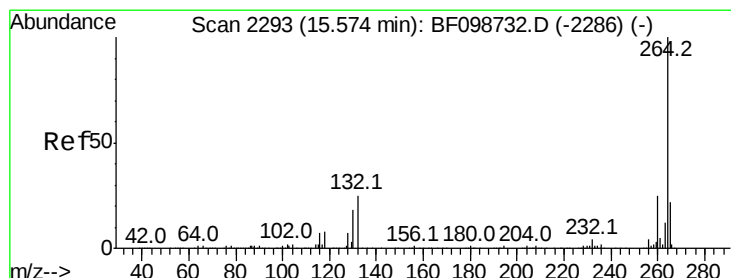
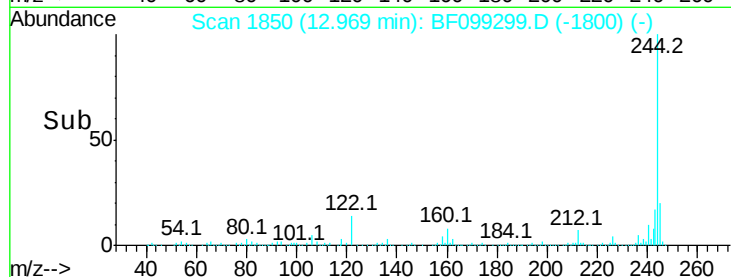
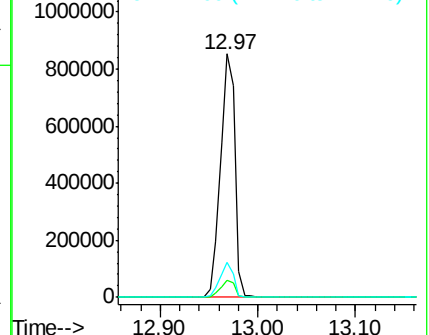
122 14.3 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF099299.D

Acq: 10 Oct 2017 14:15

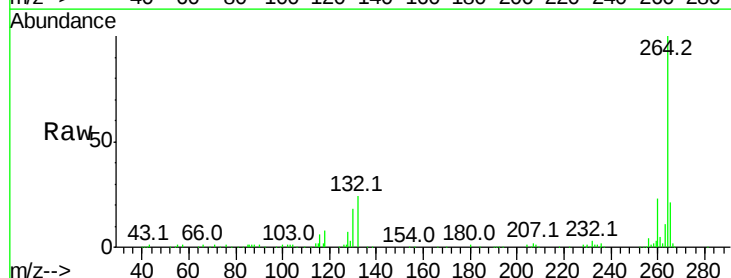
Tgt Ion:264 Resp: 195768

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.2 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

