

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
 Data File : BF099262.D
 Acq On : 9 Oct 2017 15:10
 Operator : SJ/JU
 Sample : I5530-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 17:14:37 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

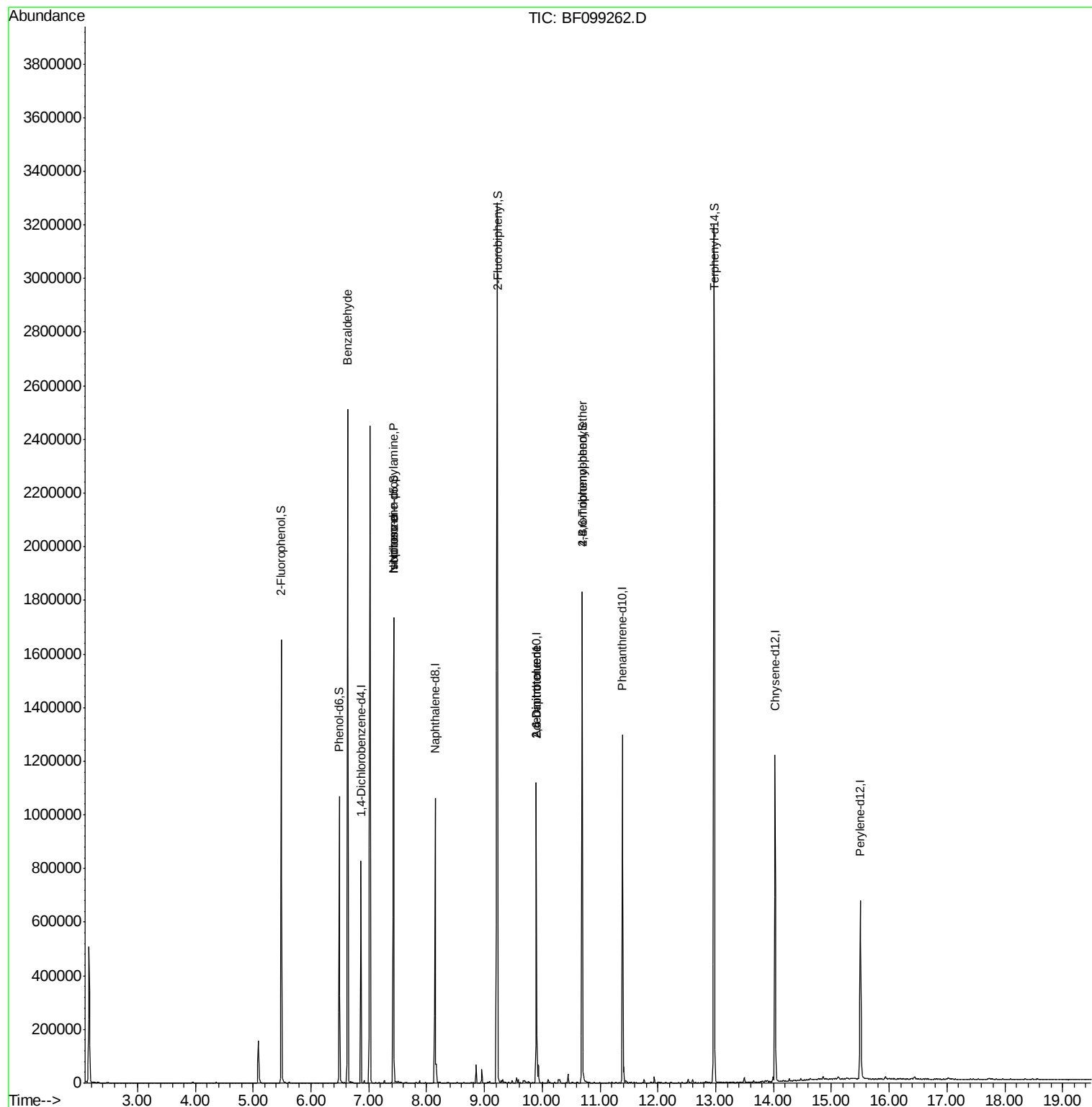
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	118237	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	484377	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	222486	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	428360	20.00	ng	0.00
75) Chrysene-d12	14.03	240	371990	20.00	ng	0.00
86) Perylene-d12	15.50	264	308990	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	454034	61.13	ng	0.00
7) Phenol-d6	6.49	99	356868	38.95	ng	0.00
23) Nitrobenzene-d5	7.43	82	641752	84.97	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	231643	127.24	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1181067	88.62	ng	0.00
78) Terphenyl-d14	12.97	244	1201590	73.46	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	13881	2.612	ng	86
19) n-Nitroso-di-n-propylamine	7.43	70	82070	14.029	ng	# 76
25) Isophorone	7.43	82	641848	41.102	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	27788	7.601	ng	# 24
56) 2,4-Dinitrotoluene	9.90	165	27788	5.857	ng	# 22
66) 4-Bromophenyl-phenylether	10.69	248	15133	3.609	ng	# 1

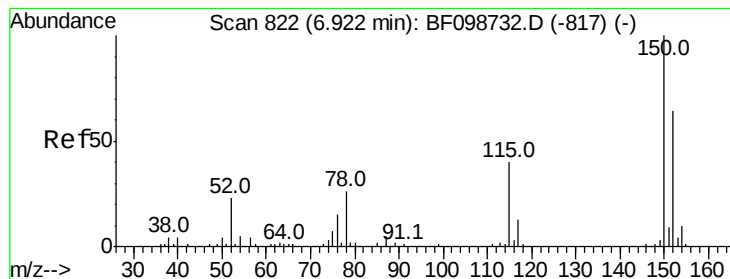
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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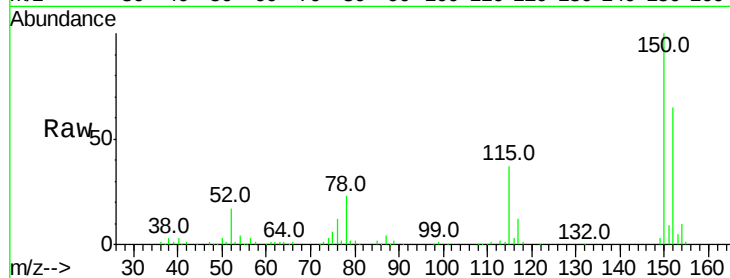


#1

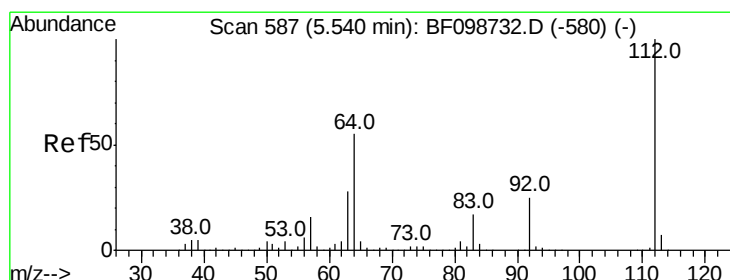
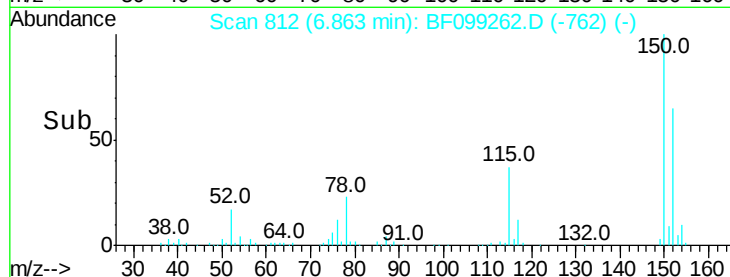
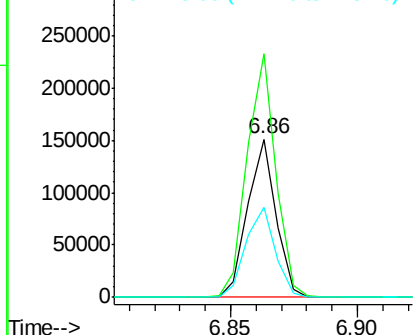
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099262.D
Acq: 9 Oct 2017 15:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 118237
Ion Ratio Lower Upper
152 100
150 153.9 124.6 186.8
115 57.1 50.1 75.1



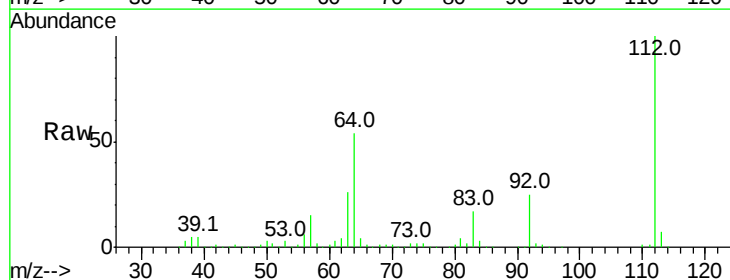
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



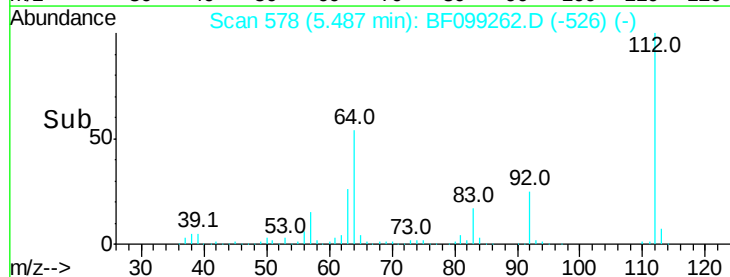
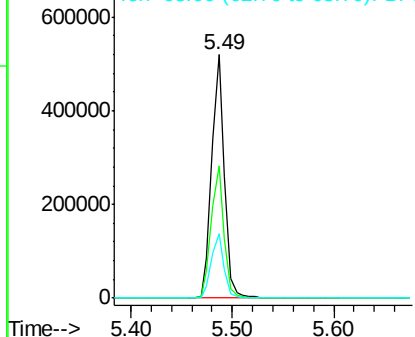
#5

2-Fluorophenol
Concen: 61.130 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF099262.D
Acq: 9 Oct 2017 15:10

Tgt Ion:112 Resp: 454034
Ion Ratio Lower Upper
112 100
64 54.2 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: 38.949 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099262.D

Acq: 9 Oct 2017 15:10

Instrument :

BNA_F

ClientSampleId :

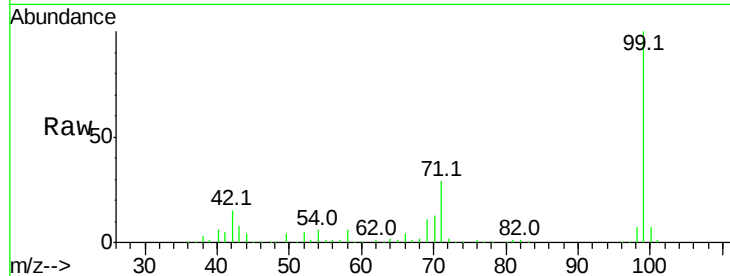
Tot Ion: 99 Resp: 356868

Ion Ratio Lower Upper

99 100

42 14.8 14.5 21.7

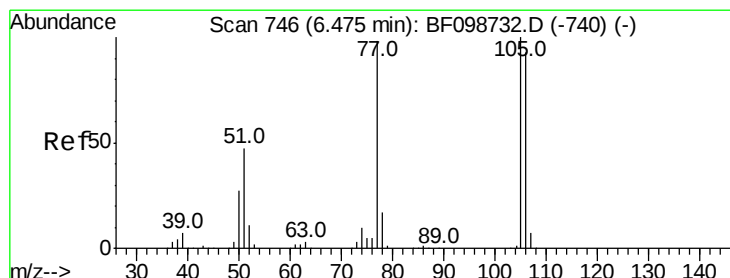
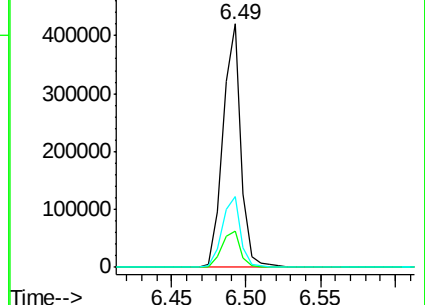
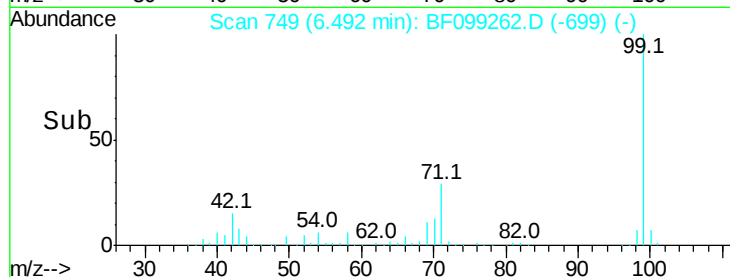
71 29.3 25.4 38.0



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

6.49

Time-->



#9

Benzaldehyde

Concen: 2.612 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.21 min

Lab File: BF099262.D

Acq: 9 Oct 2017 15:10

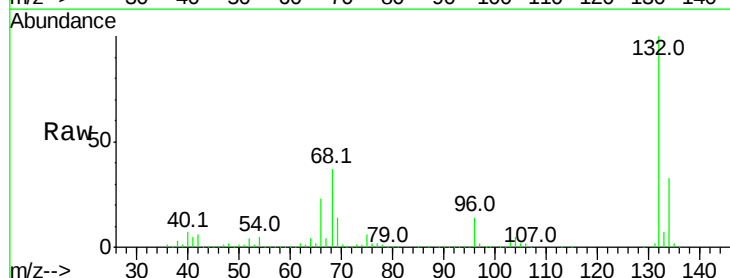
Tgt Ion: 77 Resp: 13881

Ion Ratio Lower Upper

77 100

105 84.3 81.1 121.1

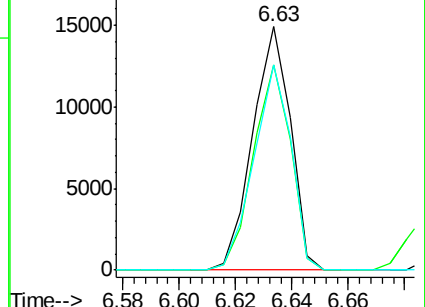
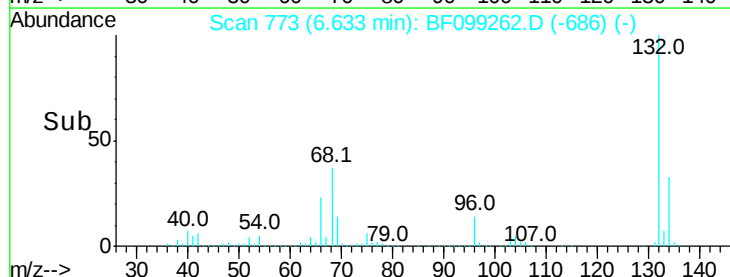
106 84.2 74.5 114.5

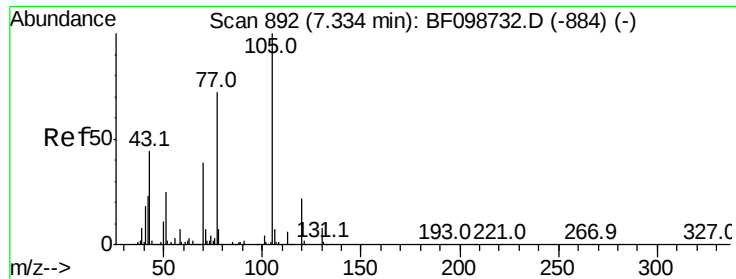


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B

6.63

Time-->

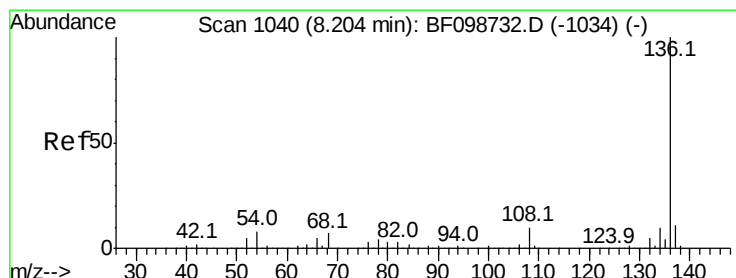
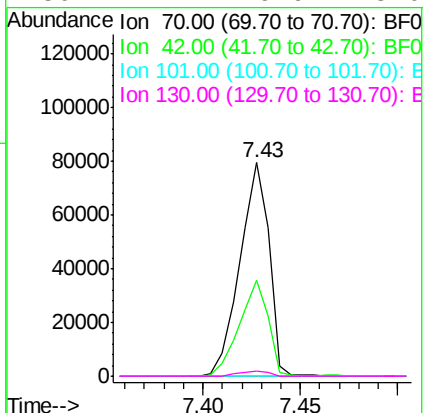
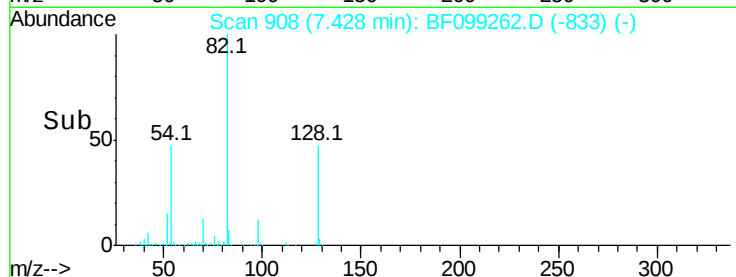
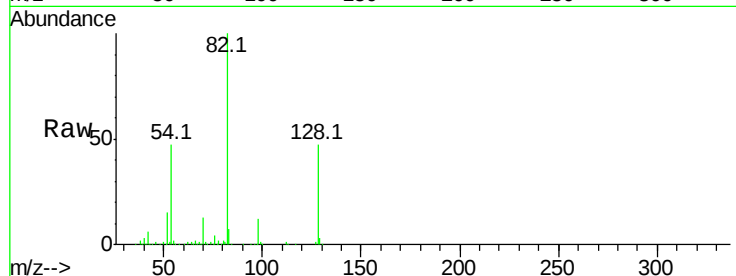




#19
n-Nitroso-di-n-propylamine
Concen: 14.029 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF099262.D
Acq: 9 Oct 2017 15:10

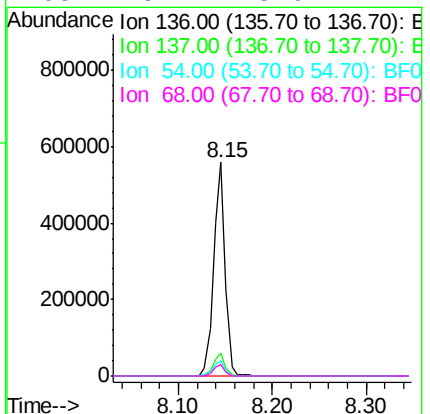
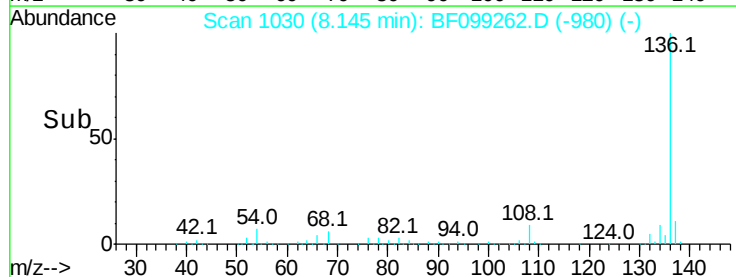
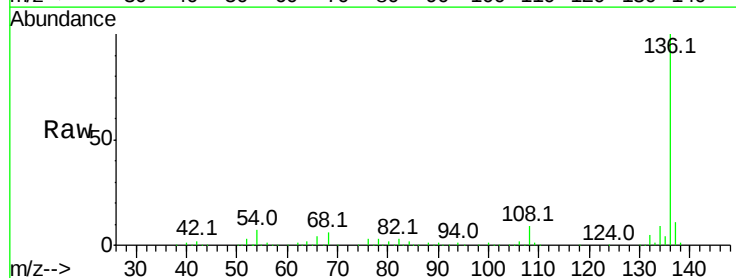
Instrument :
BNA_F
ClientSampleId :

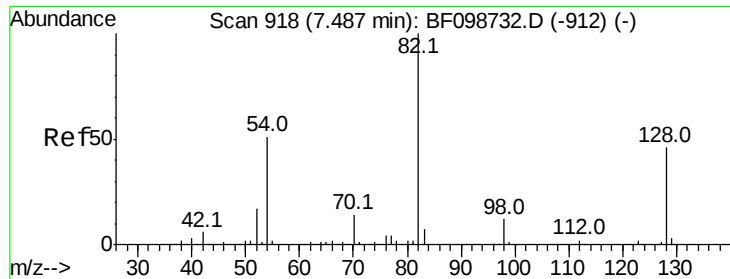
Tot Ion: 70 Resp: 82070
Ion Ratio Lower Upper
70 100
42 45.1 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099262.D
Acq: 9 Oct 2017 15:10

Tgt Ion: 136 Resp: 484377
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.2 6.6 9.8
68 5.7 5.0 7.4

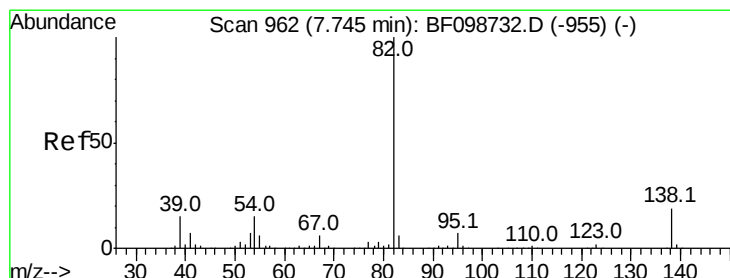
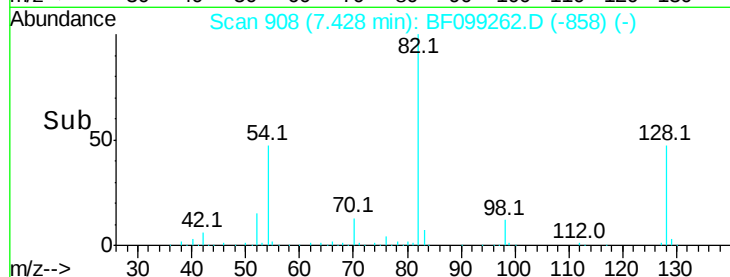
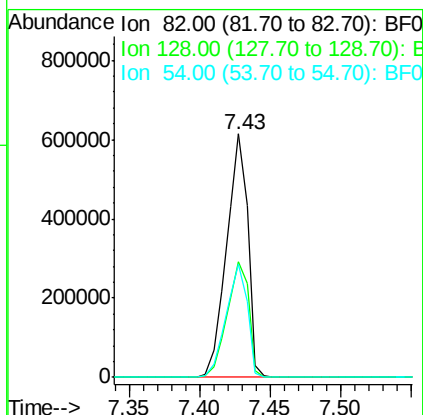
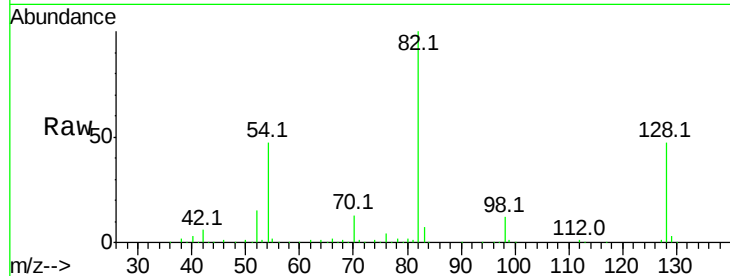




#23
 Nitrobenzene-d5
 Concen: 84.966 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099262.D
 Acq: 9 Oct 2017 15:10

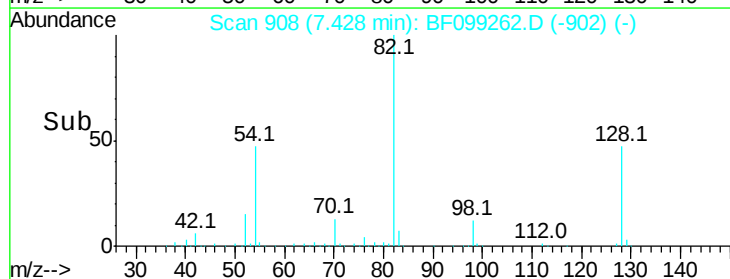
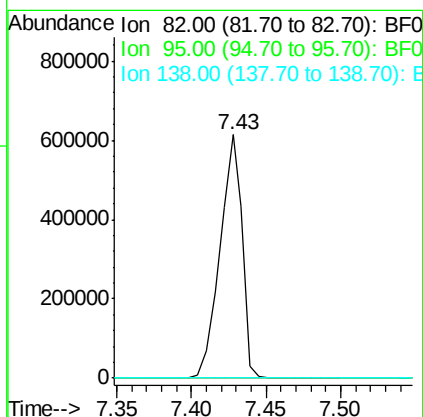
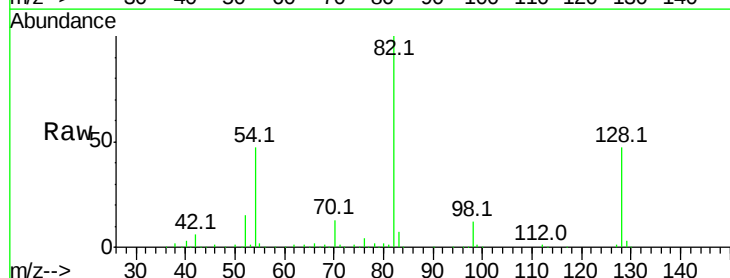
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	641752
Ion Ratio	Lower	Upper	
82	100		
128	47.4	36.1	54.1
54	46.6	41.4	62.2



#25
 Isophorone
 Concen: 41.102 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.26 min
 Lab File: BF099262.D
 Acq: 9 Oct 2017 15:10

Tgt Ion	82	Resp	641848
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

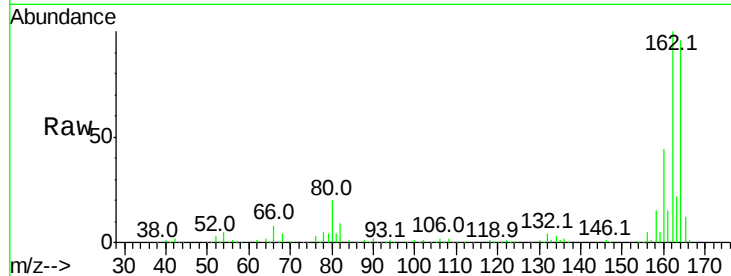




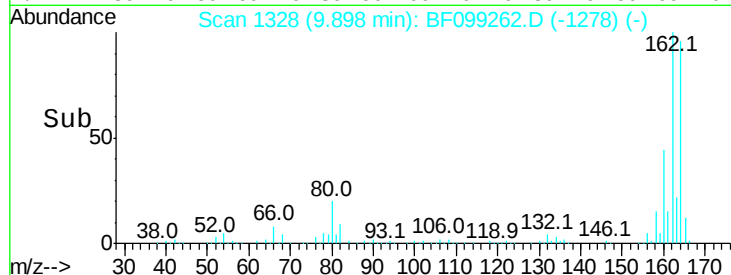
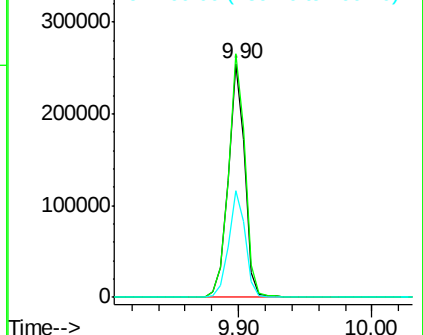
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099262.D
Acq: 9 Oct 2017 15:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 222486
Ion Ratio Lower Upper
164 100
162 104.3 86.1 129.1
160 45.6 38.3 57.5

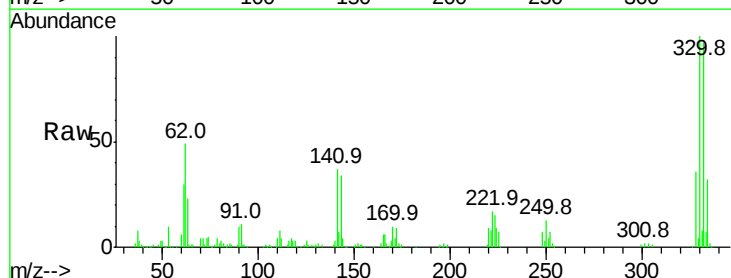


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

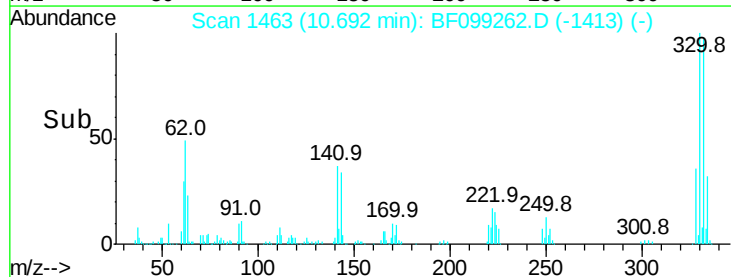
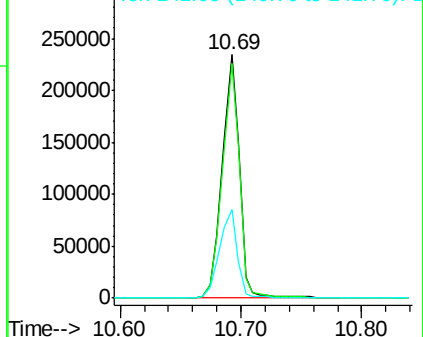


#41
2,4,6-Tribromophenol
Concen: 127.239 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF099262.D
Acq: 9 Oct 2017 15:10

Tgt Ion:330 Resp: 231643
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 37.8 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



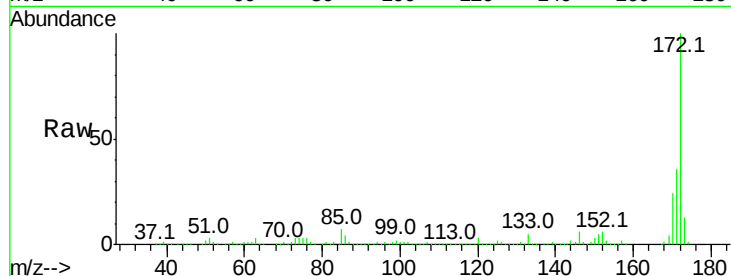


#44
 2-Fluorobiphenyl
 Concen: 88.621 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099262.D
 Acq: 9 Oct 2017 15:10

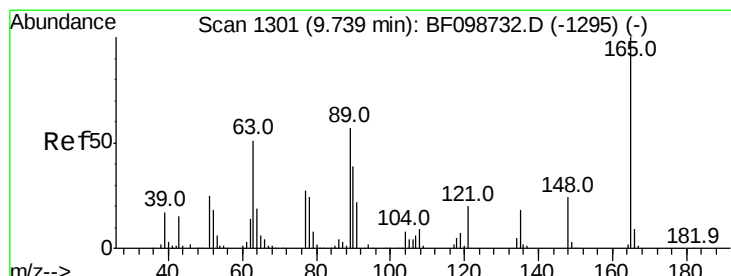
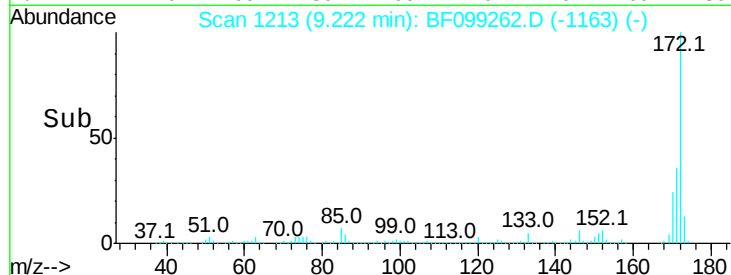
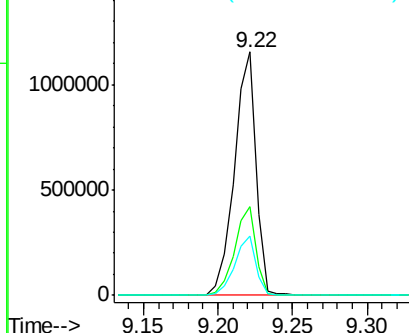
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1181067

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.2	19.6	29.4



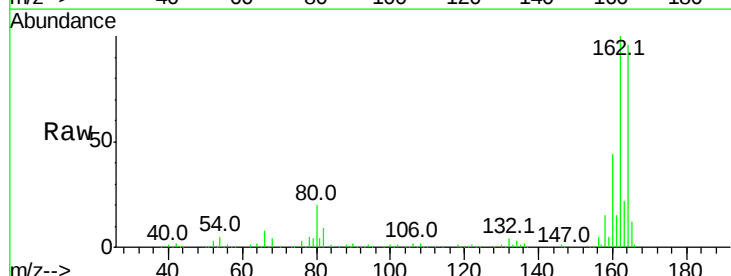
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



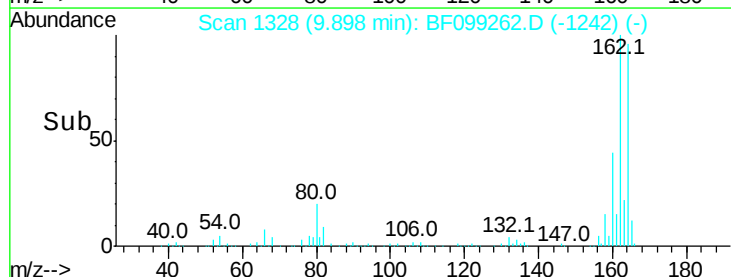
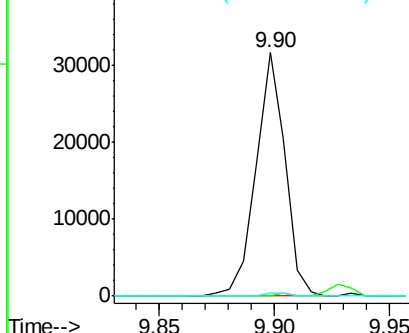
#50
 2,6-Dinitrotoluene
 Concen: 7.601 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF099262.D
 Acq: 9 Oct 2017 15:10

Tgt Ion:165 Resp: 27788

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.0	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

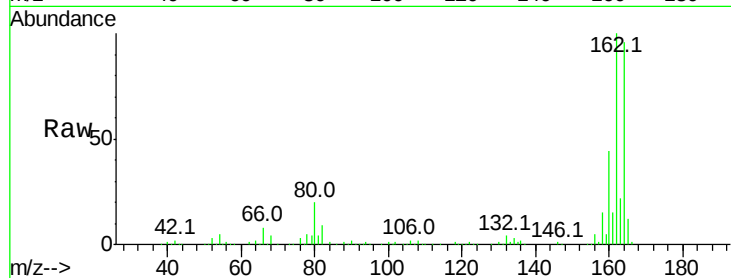




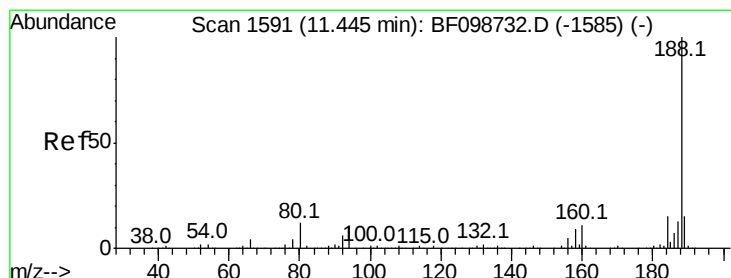
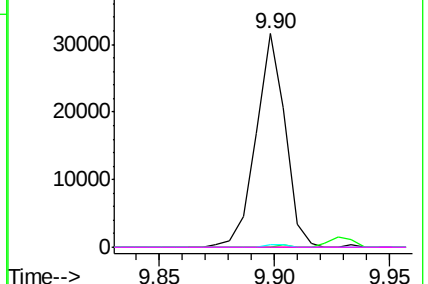
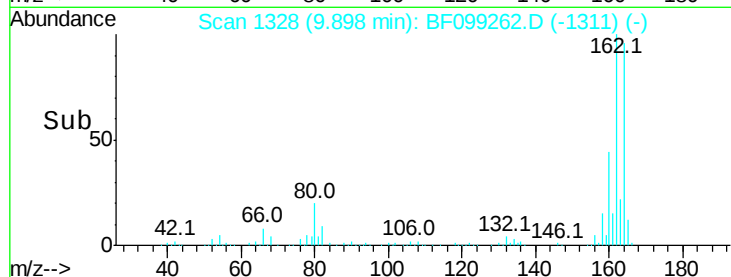
#56
 2,4-Dinitrotoluene
 Concen: 5.857 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099262.D
 Acq: 9 Oct 2017 15:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 27788
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 1.0 57.8 86.6#
 182 0.0 1.6 2.4#

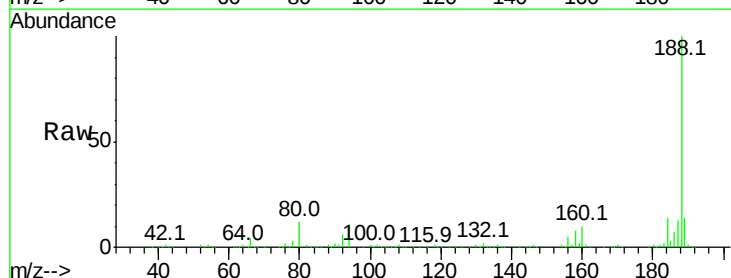


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

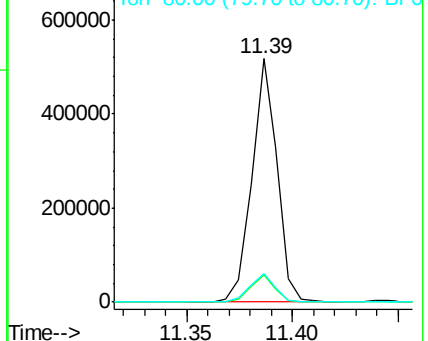
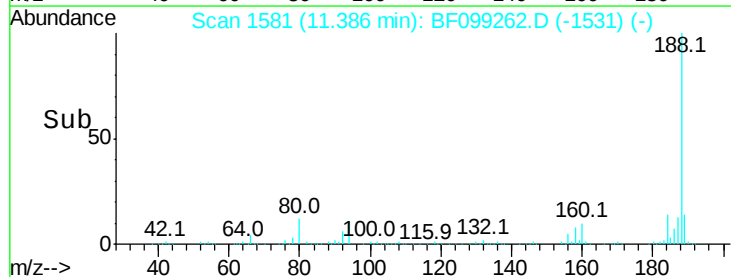


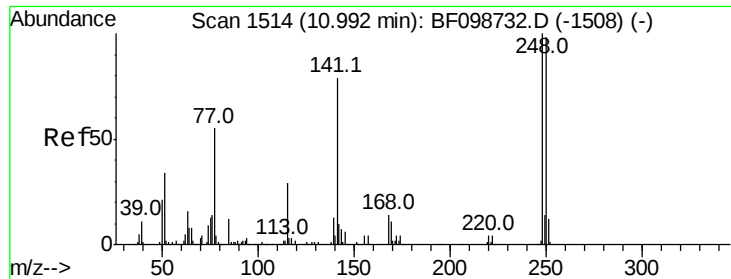
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099262.D
 Acq: 9 Oct 2017 15:10

Tgt Ion:188 Resp: 428360
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.5 12.7
 80 11.7 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

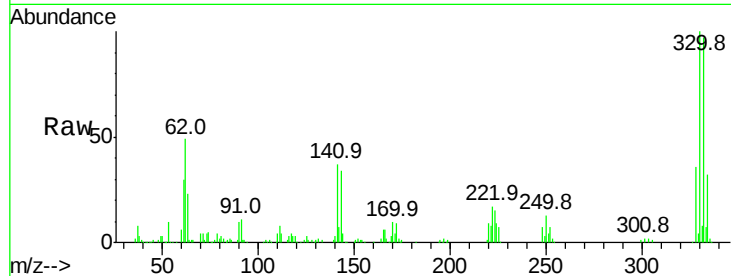




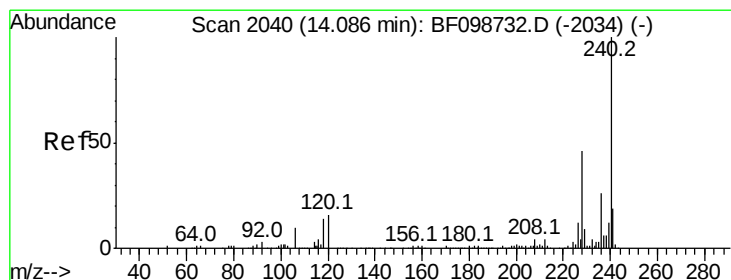
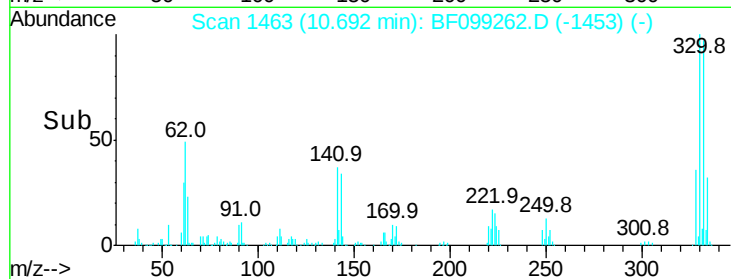
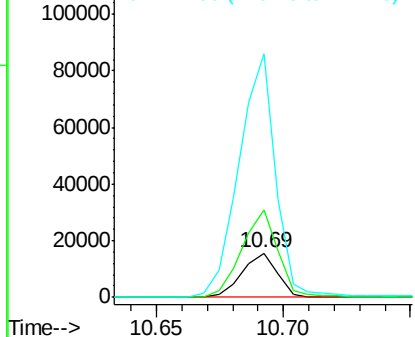
#66
4-Bromophenyl-phenylether
Concen: 3.609 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.24 min
Lab File: BF099262.D
Acq: 9 Oct 2017 15:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 15133
Ion Ratio Lower Upper
248 100
250 196.9 76.9 115.3#
141 551.4 74.4 111.6#

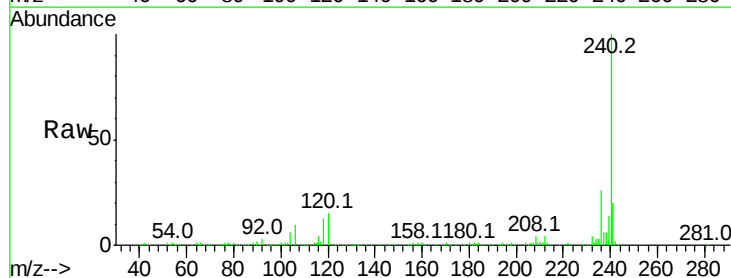


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

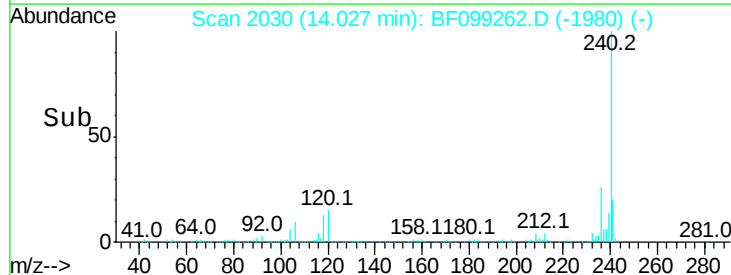
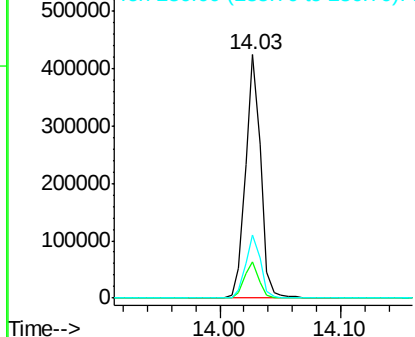


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099262.D
Acq: 9 Oct 2017 15:10

Tgt Ion:240 Resp: 371990
Ion Ratio Lower Upper
240 100
120 15.0 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: 73.461 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF099262.D

Acq: 9 Oct 2017 15:10

Instrument :

BNA_F

ClientSampled :

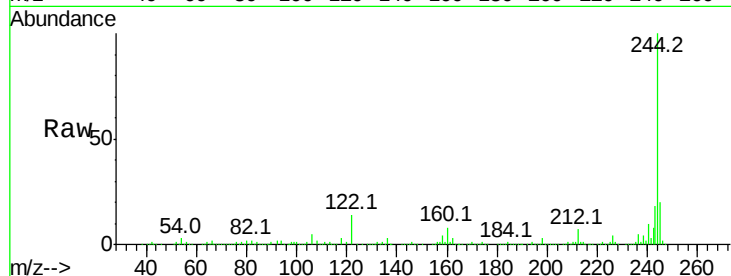
Tot Ion:244 Resp: 1201590

Ion Ratio Lower Upper

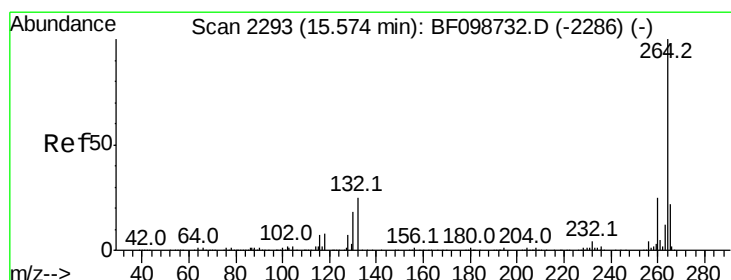
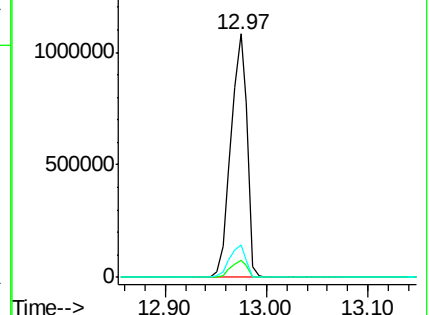
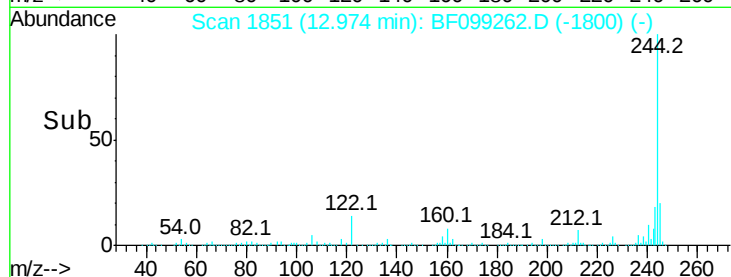
244 100

212 7.2 5.4 8.0

122 13.6 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# 2281

Delta R.T. -0.00 min

Lab File: BF099262.D

Acq: 9 Oct 2017 15:10

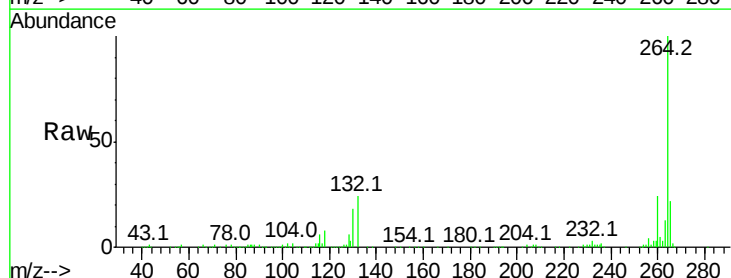
Tgt Ion:264 Resp: 308990

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.9 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

