

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
 Data File : BF099289.D
 Acq On : 10 Oct 2017 4:34
 Operator : SJ/JU
 Sample : PB103106TB
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 05:23:58 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

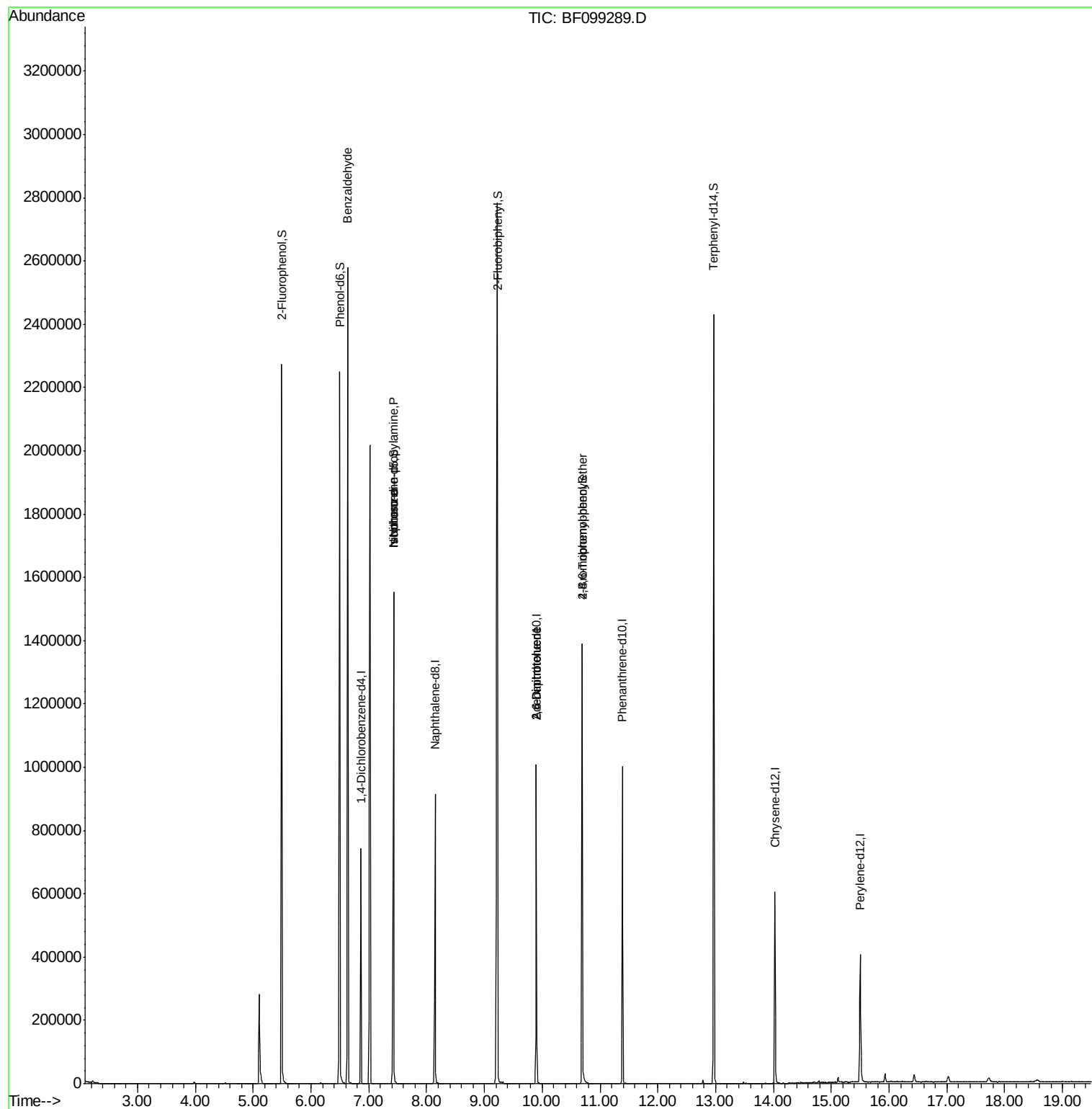
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	107310	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	442615	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	198737	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	337194	20.00	ng	0.00
75) Chrysene-d12	14.03	240	205774	20.00	ng	0.00
86) Perylene-d12	15.50	264	190664	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	765934	113.62	ng	0.01
7) Phenol-d6	6.50	99	901516	108.41	ng	0.00
23) Nitrobenzene-d5	7.43	82	541783	78.50	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	182696	112.34	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1053760	88.52	ng	0.00
78) Terphenyl-d14	12.97	244	798351	88.23	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	15128	3.14	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.43	70	67521	12.72	ng	# 73
25) Isophorone	7.43	82	541778	37.97	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	25631	7.85	ng	# 24
56) 2,4-Dinitrotoluene	9.90	165	25631	6.05	ng	# 22
66) 4-Bromophenyl-phenylether	10.69	248	11906	3.61	ng	# 1

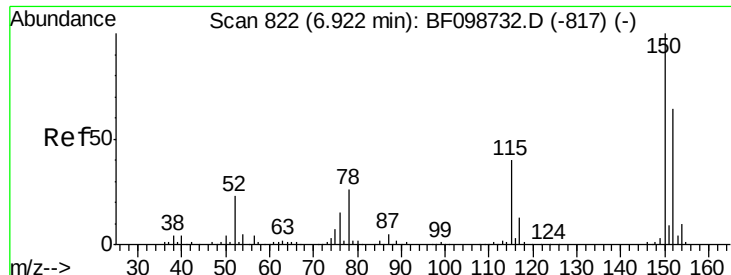
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
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BNA_F
ClientSampleId :

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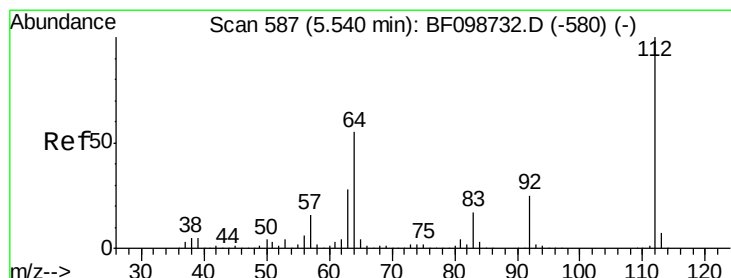
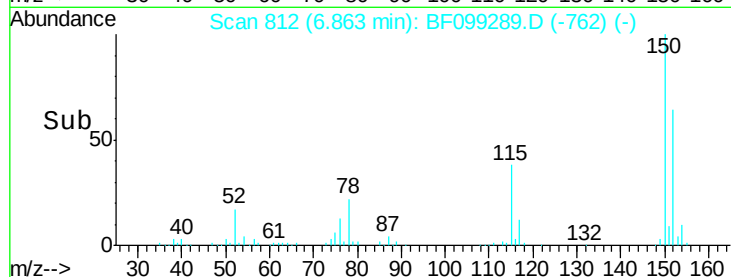
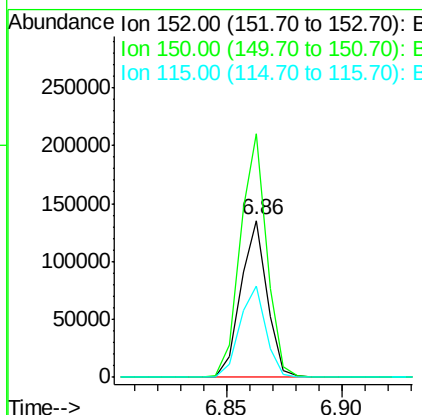
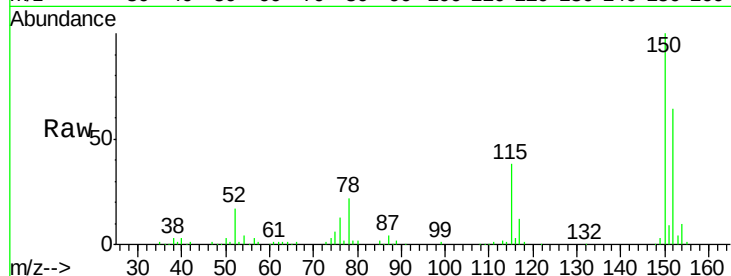


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099289.D
Acq: 10 Oct 2017 4:34

Instrument :
BNA_F
ClientSampled :

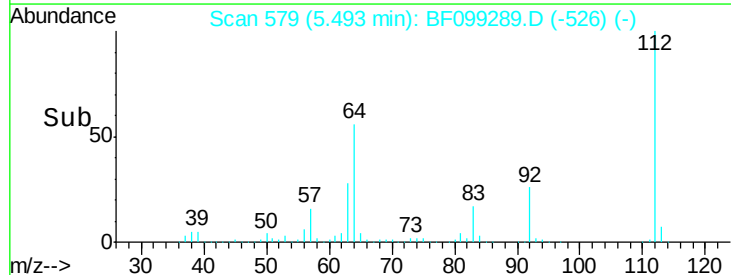
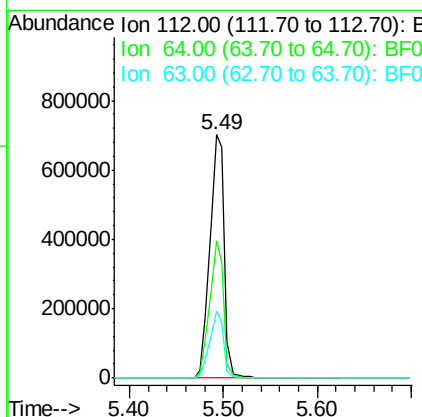
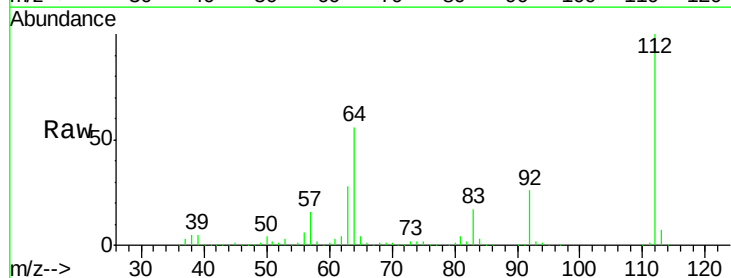
Tot Ion:152 Resp: 107310
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 58.2 50.1 75.1

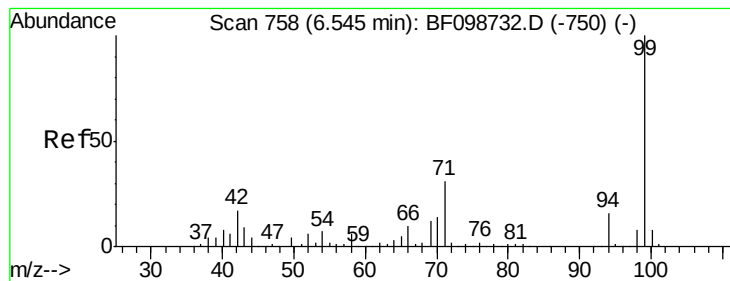


#5

2-Fluorophenol
Concen: 113.62 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF099289.D
Acq: 10 Oct 2017 4:34

Tgt Ion:112 Resp: 765934
Ion Ratio Lower Upper
112 100
64 56.2 47.9 71.9
63 27.6 23.7 35.5





#7

Phenol-d6

Concen: 108.41 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099289.D

Acq: 10 Oct 2017 4:34

Instrument :

BNA_F

ClientSampled :

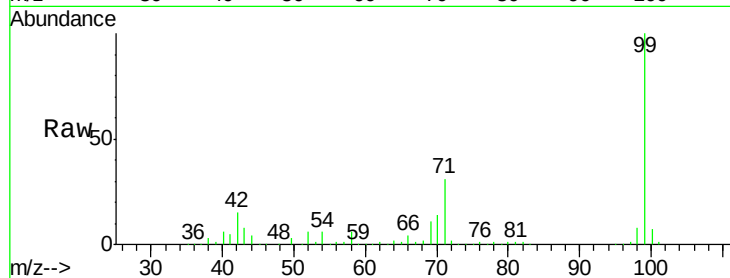
Tot Ion: 99 Resp: 901516

Ion Ratio Lower Upper

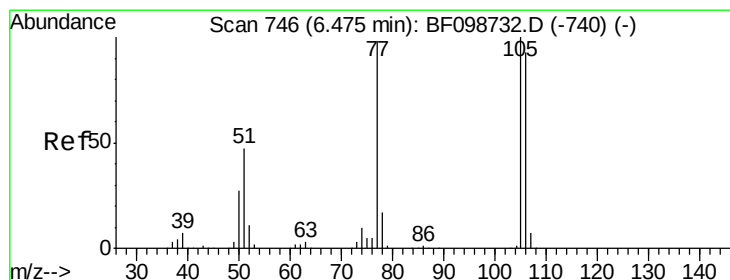
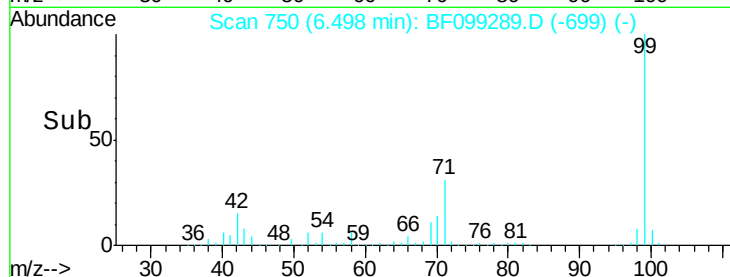
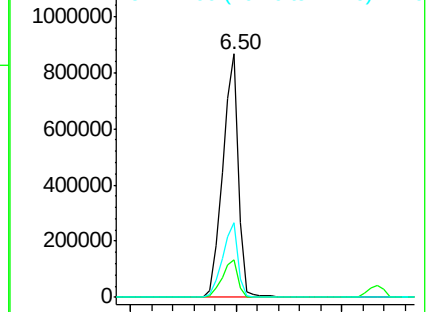
99 100

42 15.4 14.5 21.7

71 30.9 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: 3.14 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.21 min

Lab File: BF099289.D

Acq: 10 Oct 2017 4:34

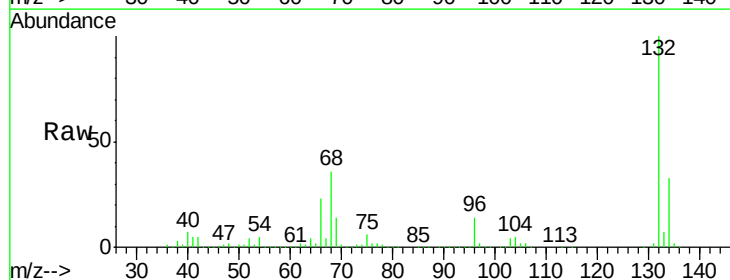
Tgt Ion: 77 Resp: 15128

Ion Ratio Lower Upper

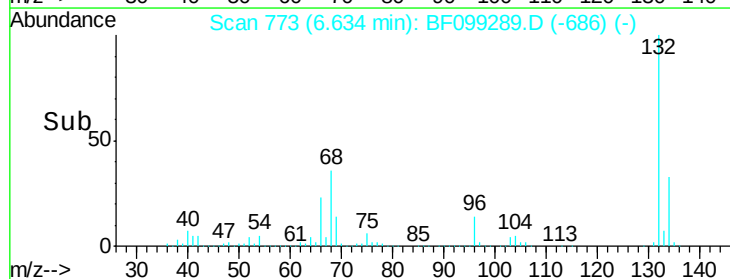
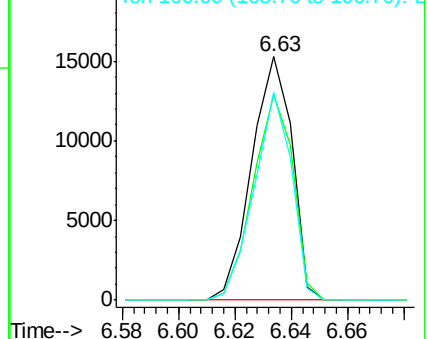
77 100

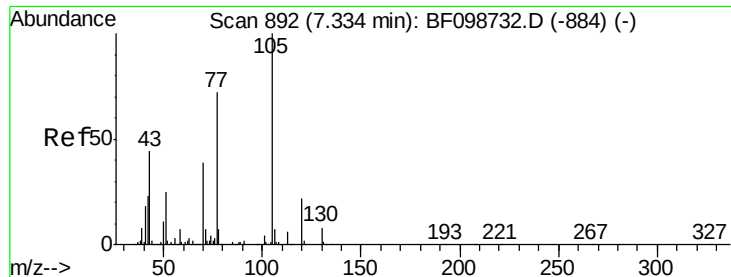
105 84.3 81.1 121.1

106 85.1 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

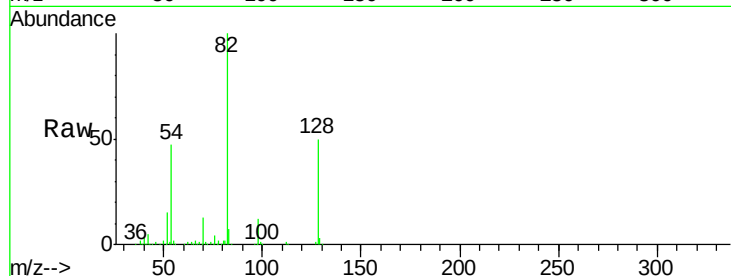




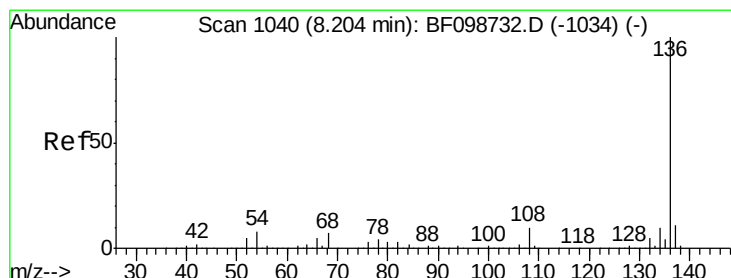
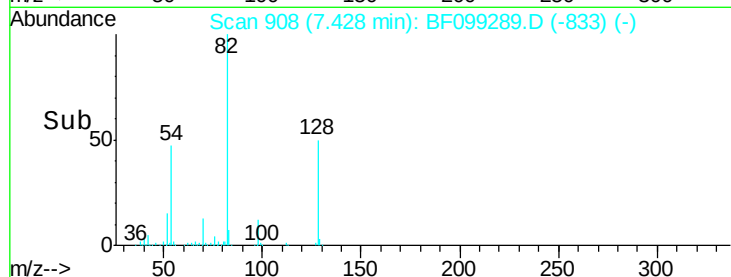
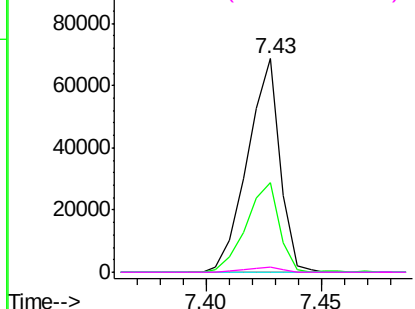
#19
n-Nitroso-di-n-propylamine
Concen: 12.72 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF099289.D
Acq: 10 Oct 2017 4:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 67521
Ion Ratio Lower Upper
70 100
42 42.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



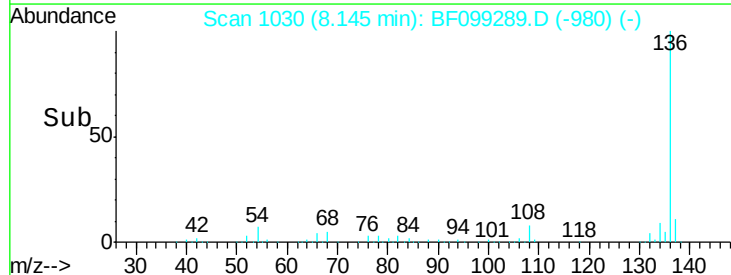
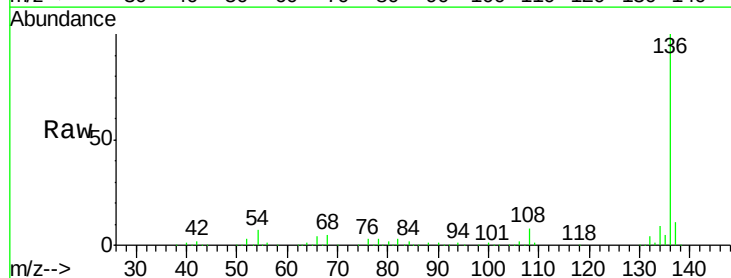
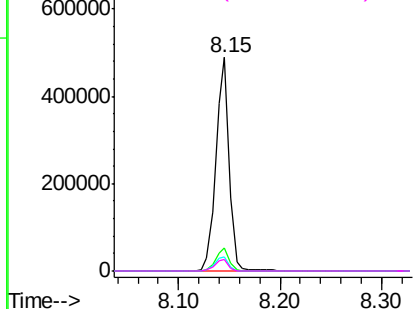
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

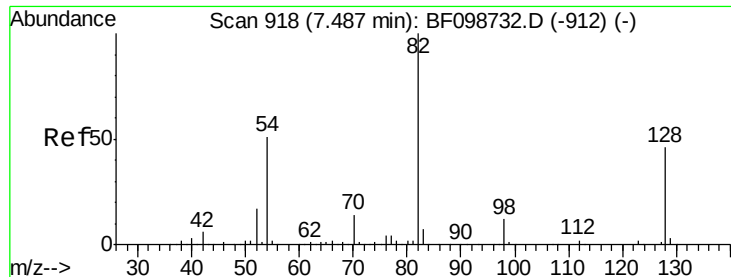


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099289.D
Acq: 10 Oct 2017 4:34

Tgt Ion:136 Resp: 442615
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.6 6.6 9.8
68 5.1 5.0 7.4

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

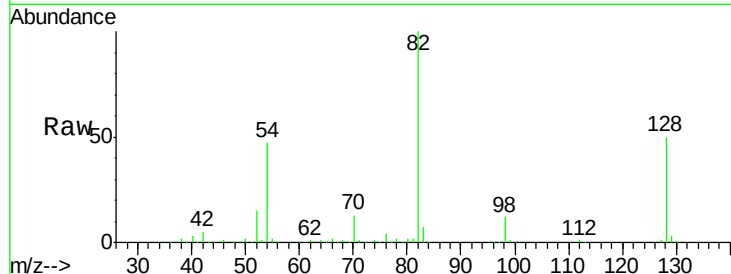




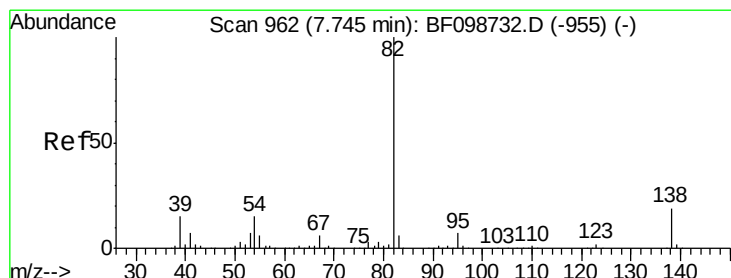
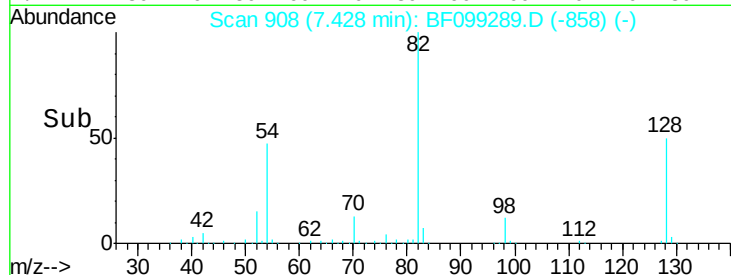
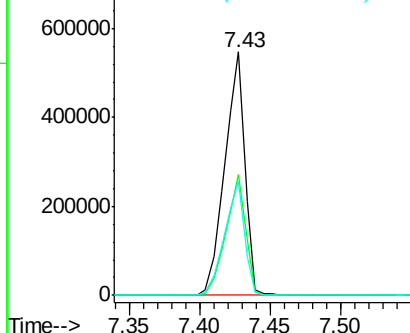
#23
Nitrobenzene-d5
Concen: 78.50 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099289.D
Acq: 10 Oct 2017 4:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 541783
Ion Ratio Lower Upper
82 100
128 49.6 36.1 54.1
54 46.8 41.4 62.2

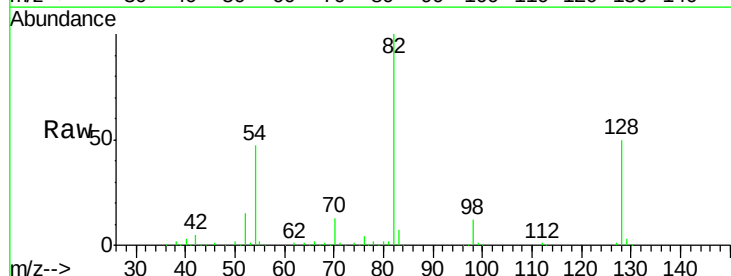


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

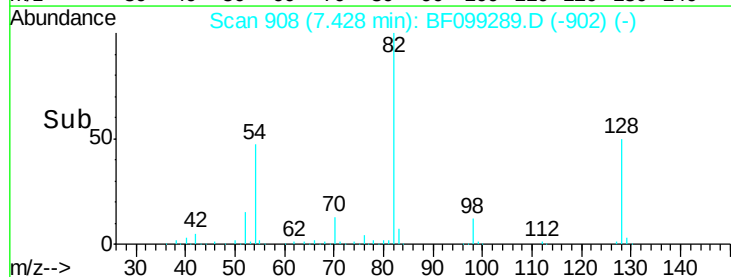
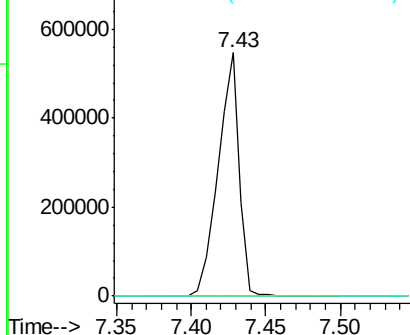


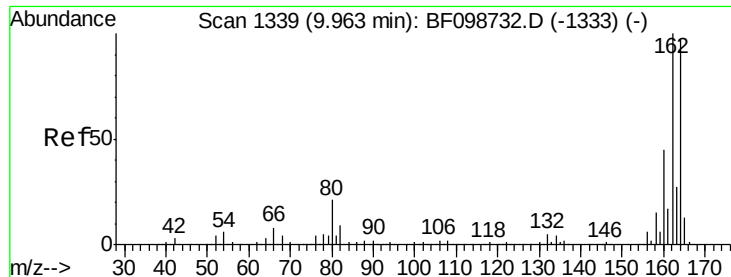
#25
Isophorone
Concen: 37.97 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.26 min
Lab File: BF099289.D
Acq: 10 Oct 2017 4:34

Tgt Ion: 82 Resp: 541778
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: 20.00 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF099289.D

Acq: 10 Oct 2017 4:34

Instrument :

BNA_F

ClientSampleId :

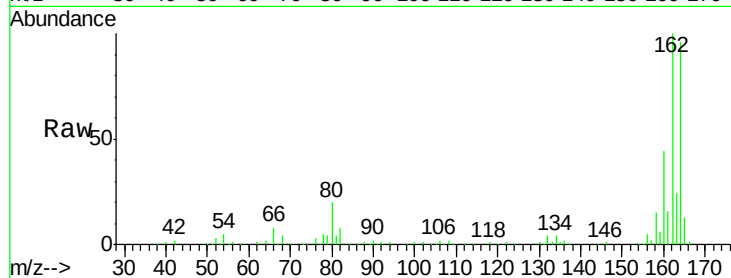
Tot Ion:164 Resp: 198737

Ion Ratio Lower Upper

164 100

162 103.8 86.1 129.1

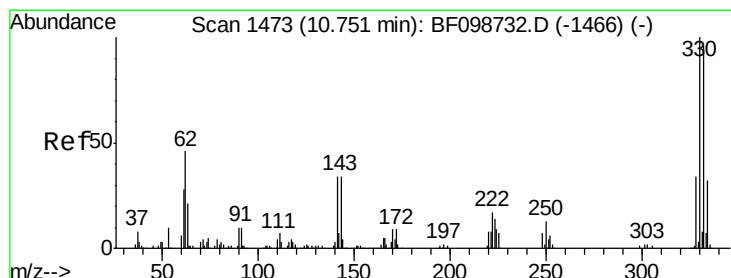
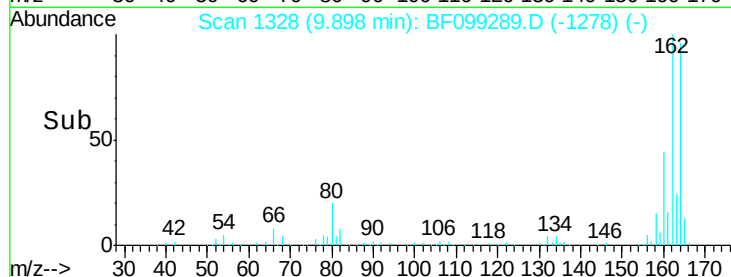
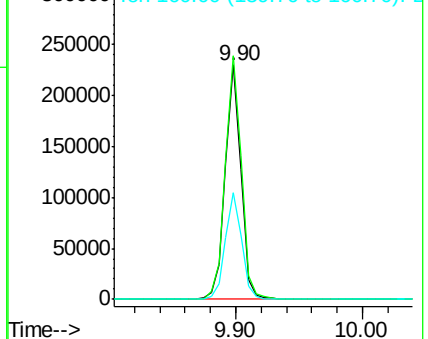
160 45.6 38.3 57.5



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: 112.34 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BF099289.D

Acq: 10 Oct 2017 4:34

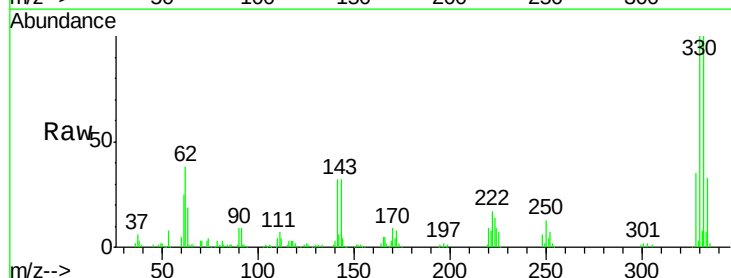
Tgt Ion:330 Resp: 182696

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

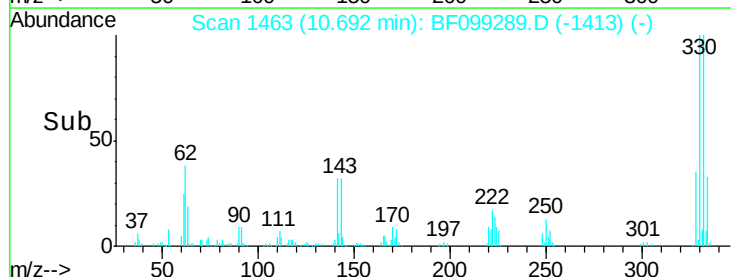
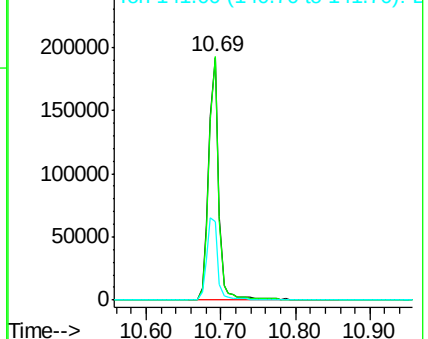
141 37.2 29.9 44.9

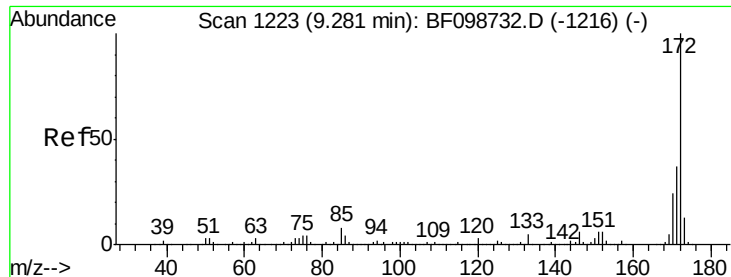


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



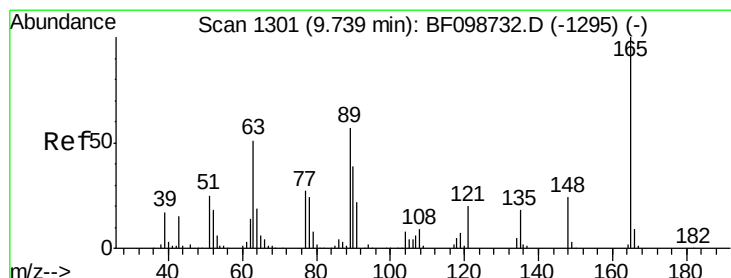
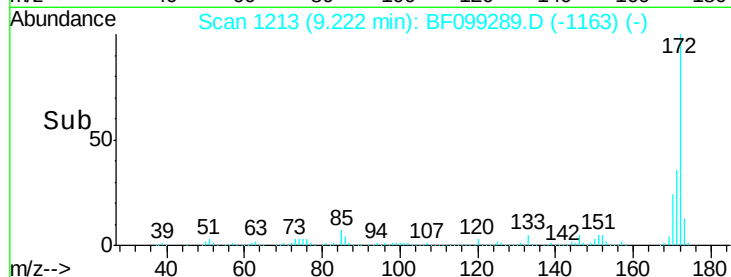
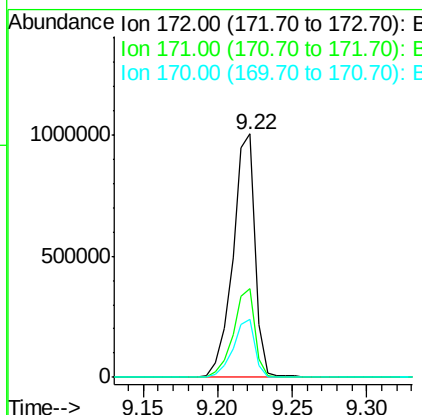
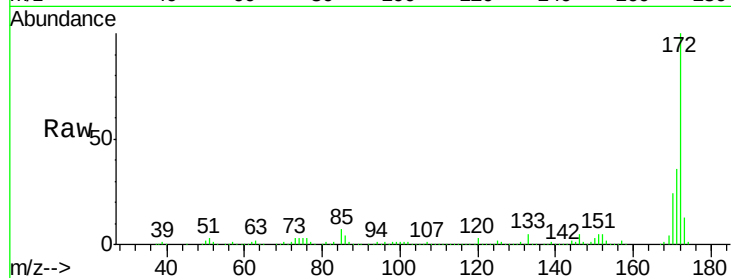


#44
 2-Fluorobiphenyl
 Concen: 88.52 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099289.D
 Acq: 10 Oct 2017 4:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1053760

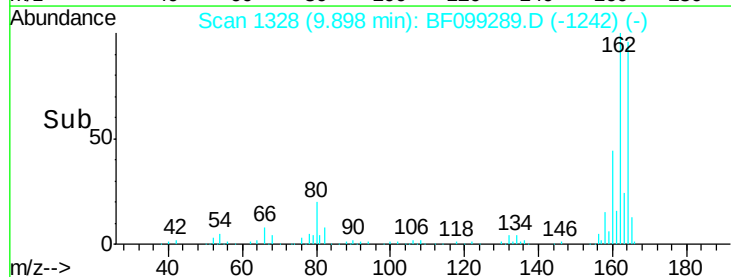
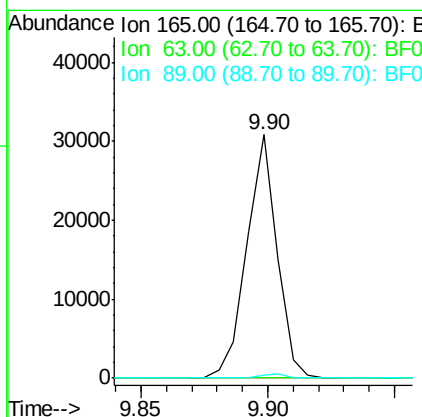
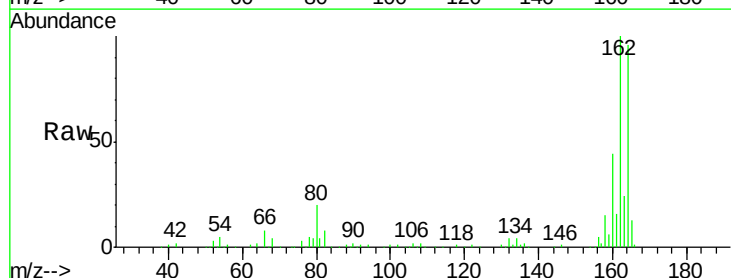
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.7	19.6	29.4

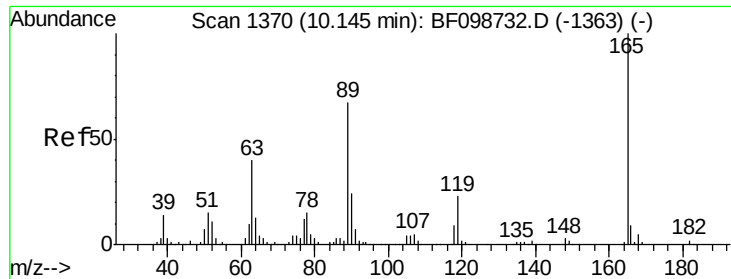


#50
 2,6-Dinitrotoluene
 Concen: 7.85 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF099289.D
 Acq: 10 Oct 2017 4:34

Tgt Ion:165 Resp: 25631

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.0	44.0	66.0#

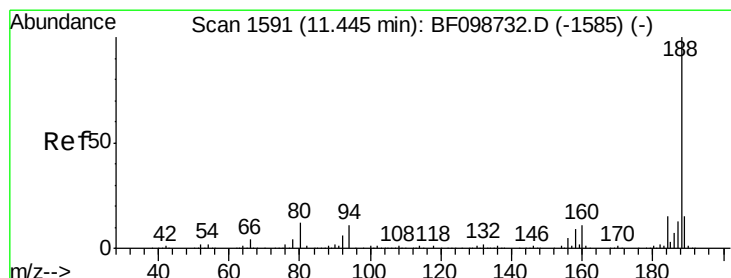
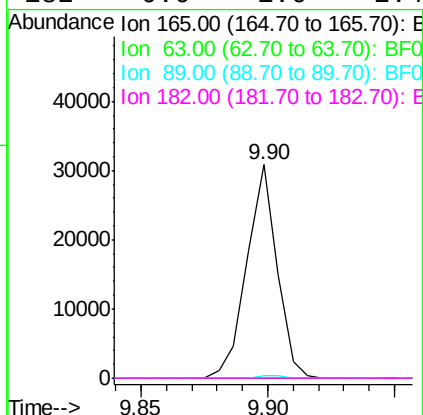
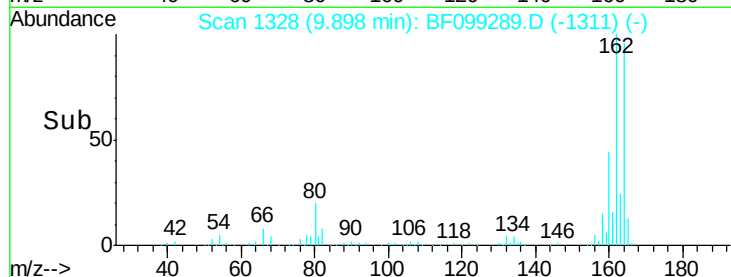
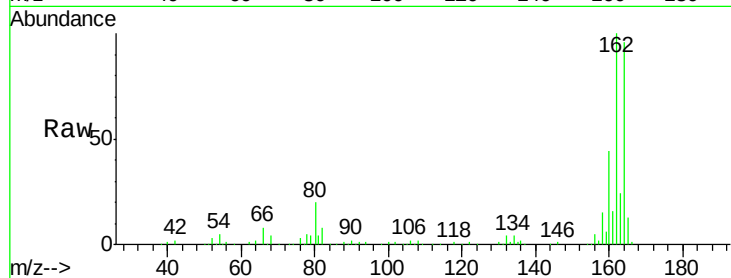




#56
 2,4-Dinitrotoluene
 Concen: 6.05 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099289.D
 Acq: 10 Oct 2017 4:34

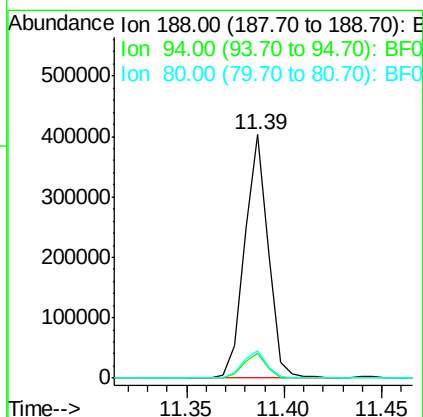
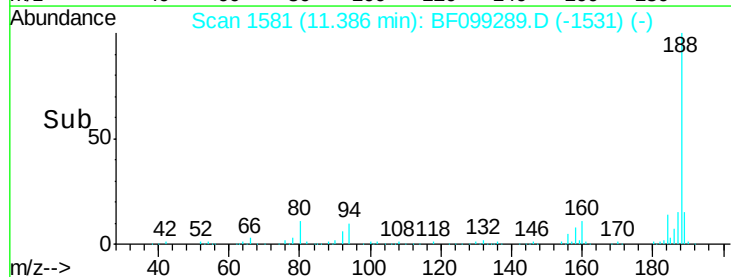
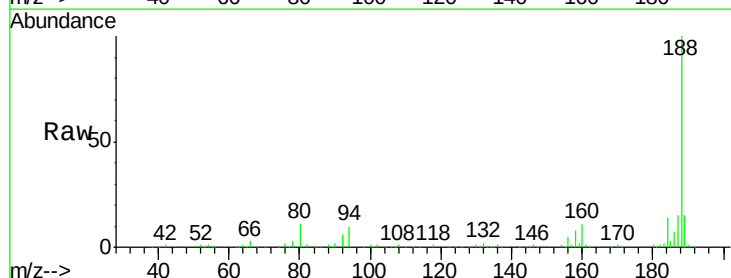
Instrument :
 BNA_F
 ClientSampleId :

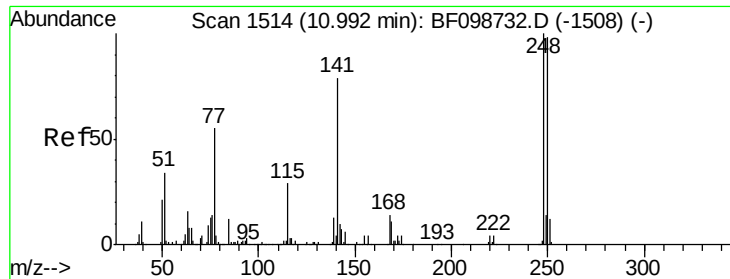
Tot Ion:165	Resp:	25631
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	1.0	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099289.D
 Acq: 10 Oct 2017 4:34

Tgt Ion:188	Resp:	337194
Ion Ratio	Lower	Upper
188	100	
94	10.1	8.5 12.7
80	11.2	9.2 13.8

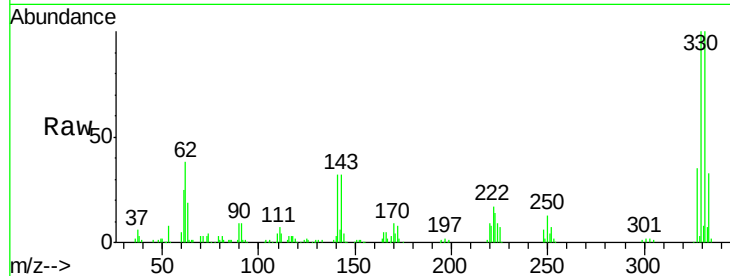




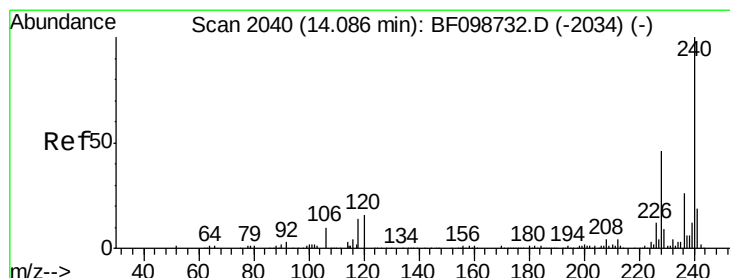
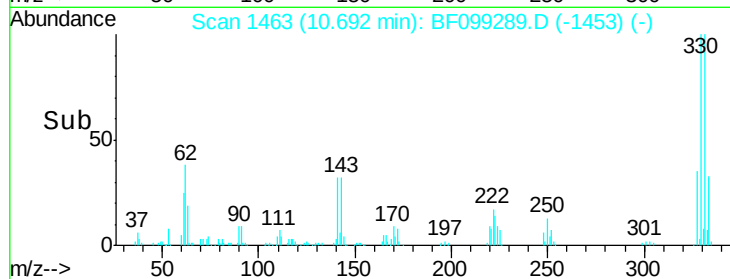
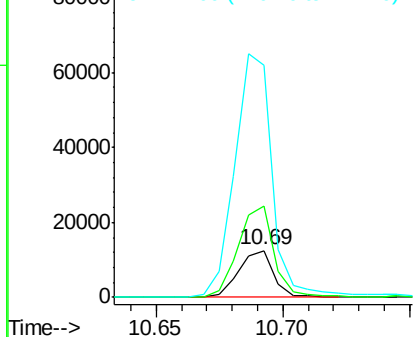
#66
 4-Bromophenyl-phenylether
 Concen: 3.61 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.24 min
 Lab File: BF099289.D
 Acq: 10 Oct 2017 4:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 11906
 Ion Ratio Lower Upper
 248 100
 250 195.2 76.9 115.3#
 141 499.4 74.4 111.6#

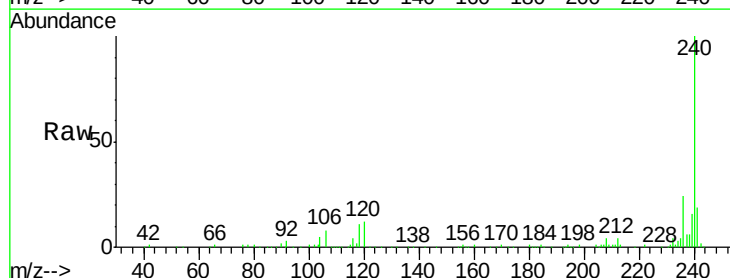


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

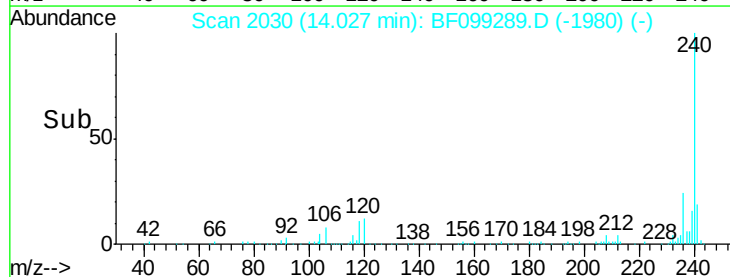
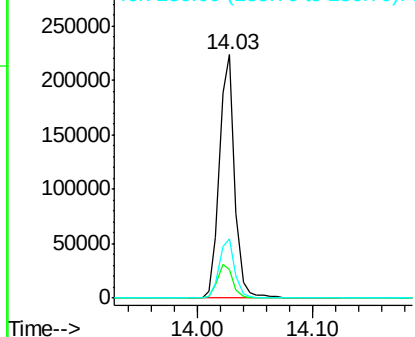


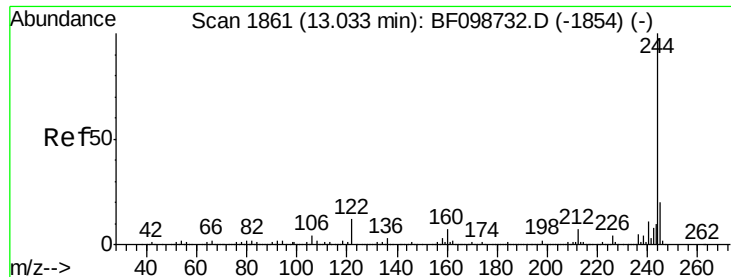
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF099289.D
 Acq: 10 Oct 2017 4:34

Tgt Ion:240 Resp: 205774
 Ion Ratio Lower Upper
 240 100
 120 11.8 9.5 14.3
 236 24.3 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: 88.23 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099289.D

Acq: 10 Oct 2017 4:34

Instrument :

BNA_F

ClientSampled :

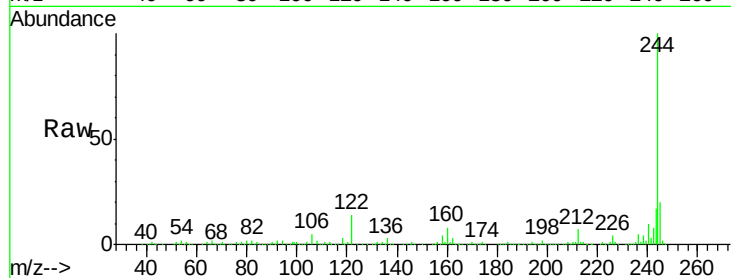
Tot Ion:244 Resp: 798351

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

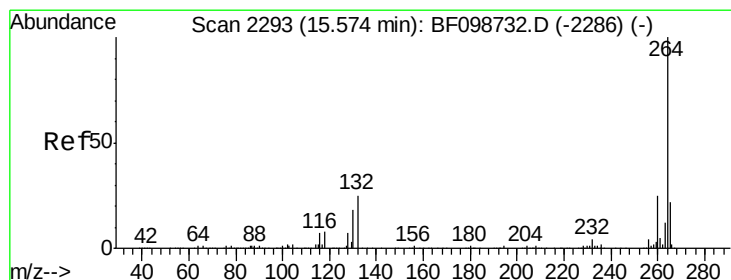
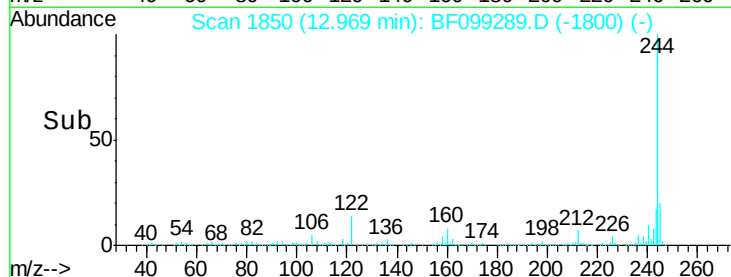
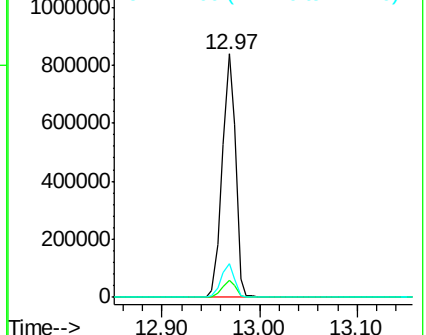
122 13.7 11.0 16.4



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: 20.00 ng

RT: 15.50 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BF099289.D

Acq: 10 Oct 2017 4:34

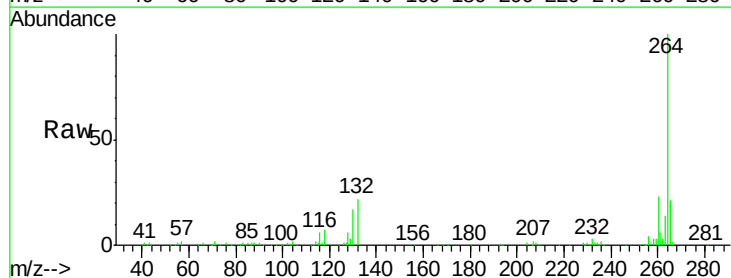
Tgt Ion:264 Resp: 190664

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 20.6 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

