

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098867.D
 Acq On : 27 Sep 2017 17:18
 Operator : SJ/JU
 Sample : I5421-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 28 01:50:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

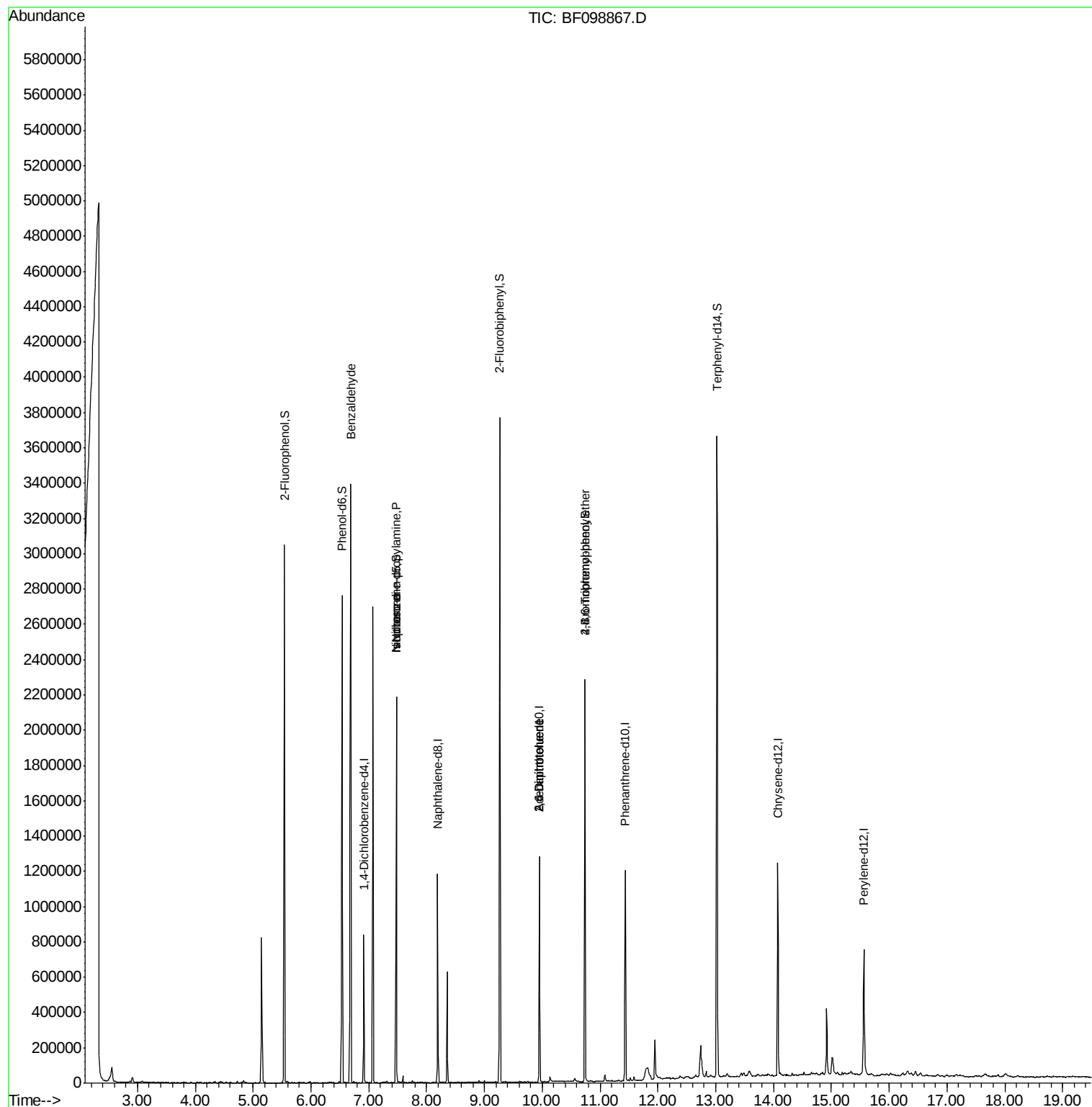
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	124023	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	515761	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	236866	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	425147	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	362751	20.00	ng	-0.01
86) Perylene-d12	15.56	264	309175	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	906806	116.39	ng	0.00
7) Phenol-d6	6.54	99	999074	103.95	ng	0.00
23) Nitrobenzene-d5	7.47	82	711603	88.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	264806	136.62	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1203863	84.85	ng	-0.01
78) Terphenyl-d14	13.02	244	1248028	78.24	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.69	77	19726	3.54	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.47	70	92753	15.12	ng	# 77
25) Isophorone	7.47	82	711593	42.80	ng	# 64
50) 2,6-Dinitrotoluene	9.95	165	29232	7.51	ng	# 26
56) 2,4-Dinitrotoluene	9.95	165	29232	5.79	ng	# 23
66) 4-Bromophenyl-phenylether	10.74	248	17845	4.29	ng	# 1

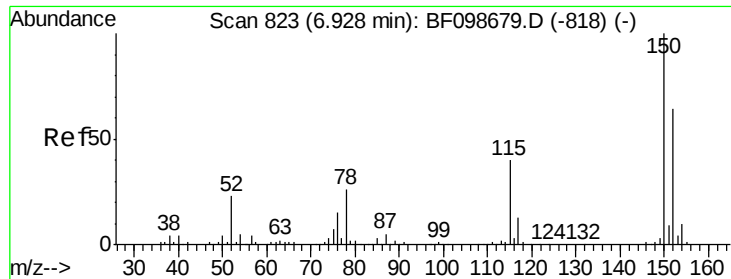
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
Data File : BF098867.D
Acq On : 27 Sep 2017 17:18
Operator : SJ/JU
Sample : I5421-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 28 01:50:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration



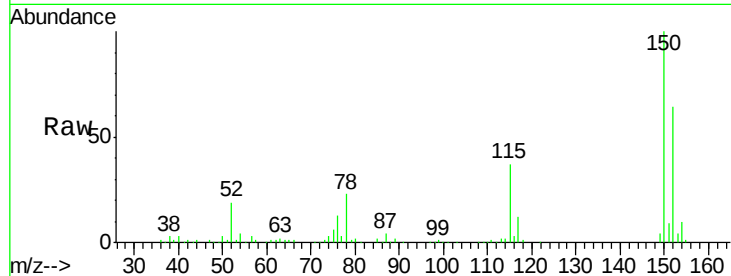


#1

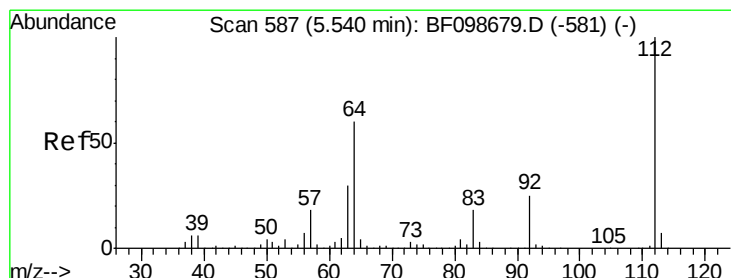
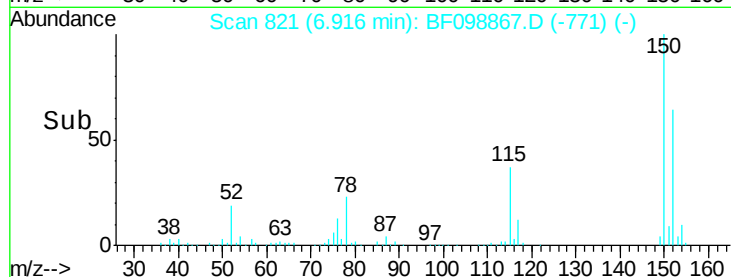
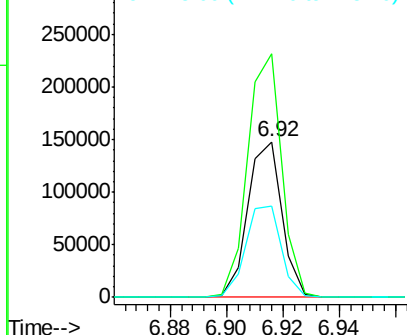
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098867.D
Acq: 27 Sep 2017 17:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 124023
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 58.5 50.1 75.1



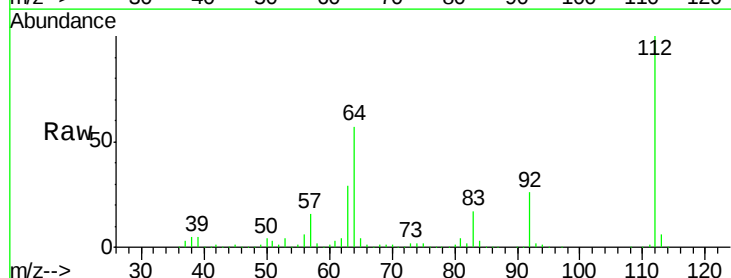
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



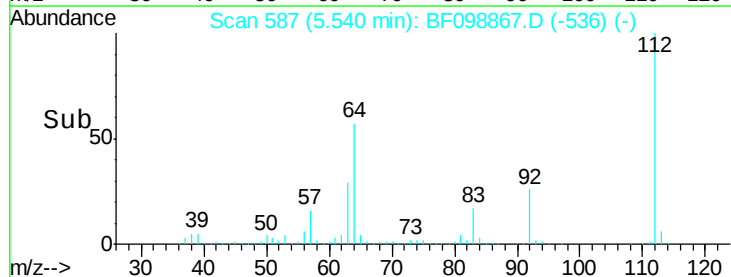
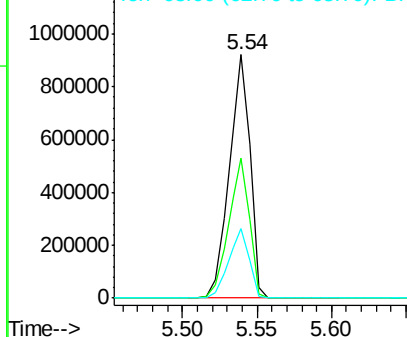
#5

2-Fluorophenol
Concen: 116.39 ng
RT: 5.54 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF098867.D
Acq: 27 Sep 2017 17:18

Tgt Ion:112 Resp: 906806
Ion Ratio Lower Upper
112 100
64 57.5 47.9 71.9
63 28.6 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: 103.95 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098867.D

Acq: 27 Sep 2017 17:18

Instrument :

BNA_F

ClientSampled :

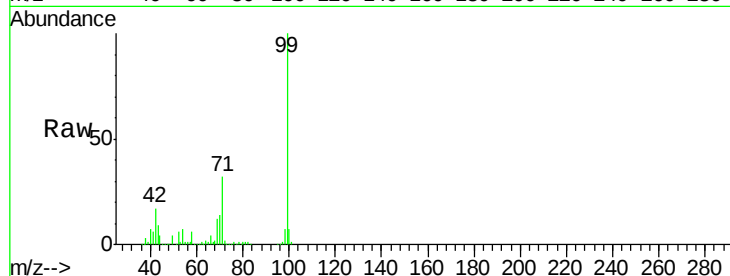
Tot Ion: 99 Resp: 999074

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

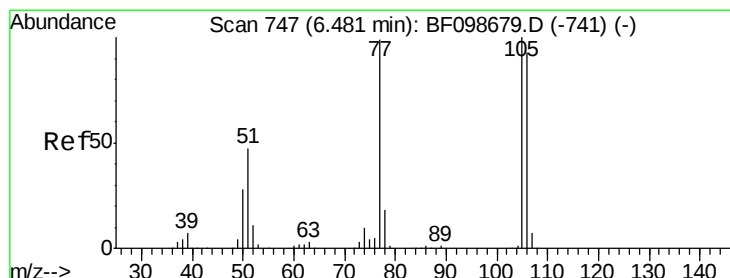
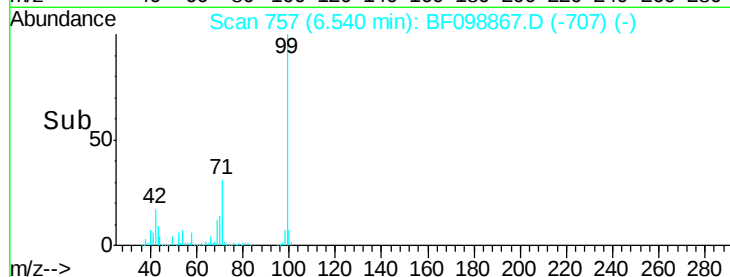
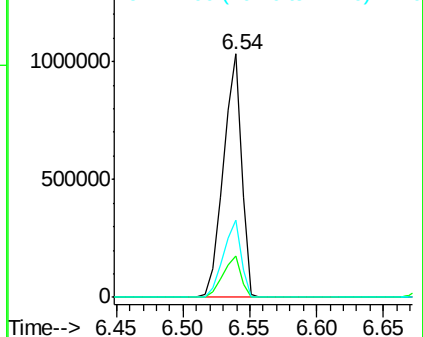
71 31.5 25.4 38.0



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: 3.54 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.21 min

Lab File: BF098867.D

Acq: 27 Sep 2017 17:18

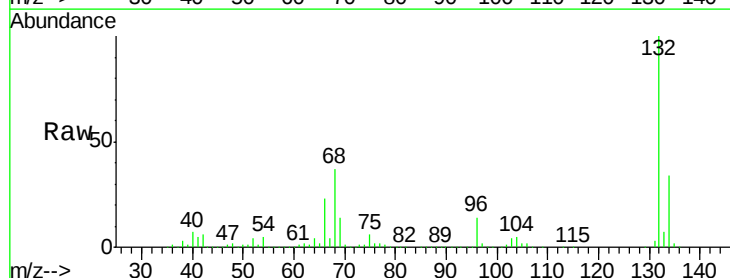
Tgt Ion: 77 Resp: 19726

Ion Ratio Lower Upper

77 100

105 82.1 81.1 121.1

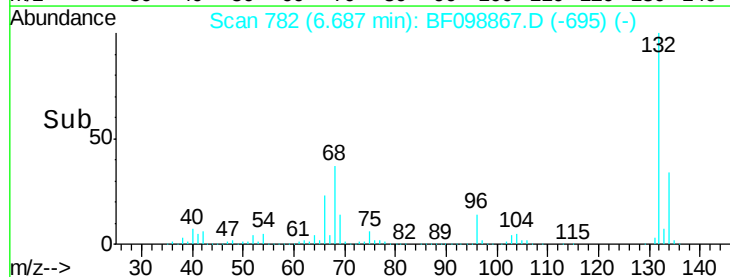
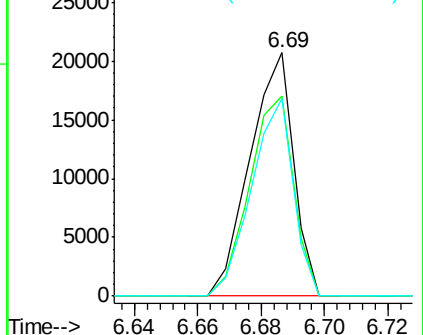
106 80.9 74.5 114.5

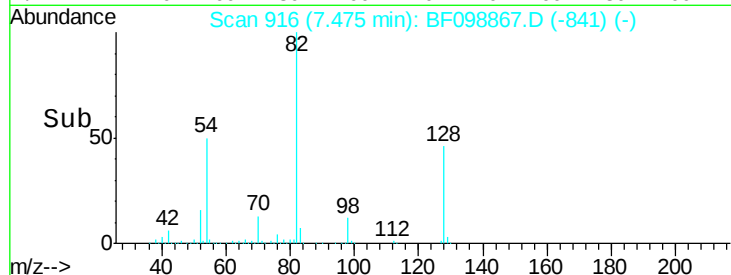
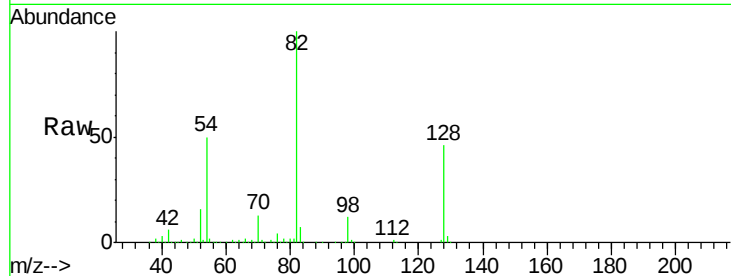
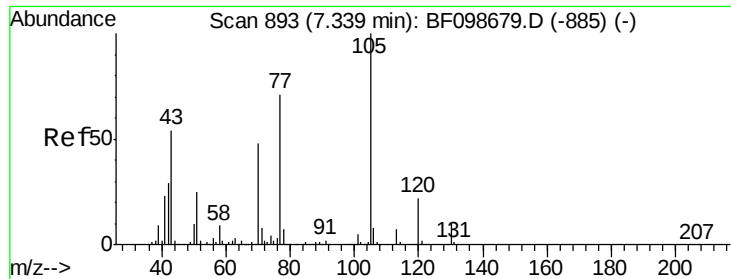


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

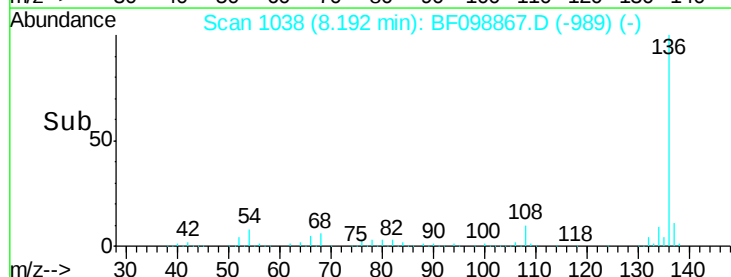
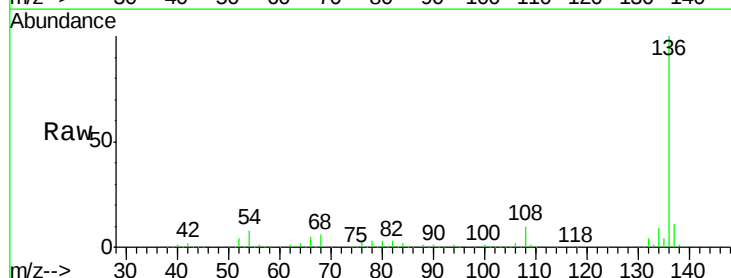
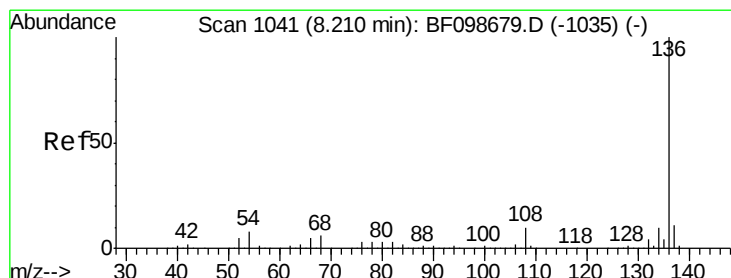
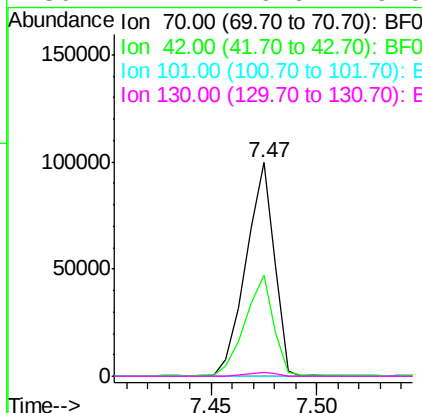




#19
n-Nitroso-di-n-propylamine
Concen: 15.12 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF098867.D
Acq: 27 Sep 2017 17:18

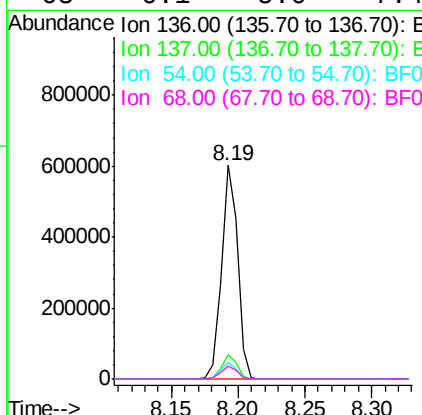
Instrument :
BNA_F
ClientSampled :

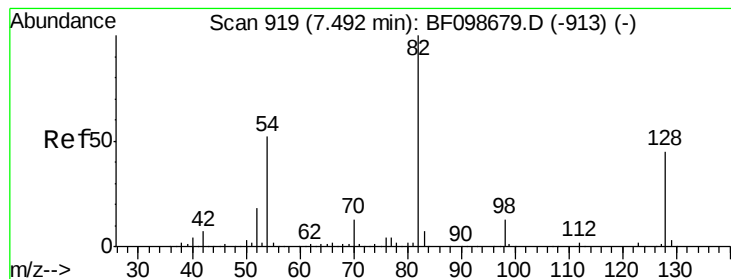
Tot Ion	70	Resp	92753
Ion Ratio	Lower	Upper	
70	100		
42	47.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF098867.D
Acq: 27 Sep 2017 17:18

Tgt Ion	136	Resp	515761
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	8.0	6.6	9.8
68	6.1	5.0	7.4





#23

Nitrobenzene-d5

Concen: 88.48 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF098867.D

Acq: 27 Sep 2017 17:18

Instrument :

BNA_F

ClientSampleId :

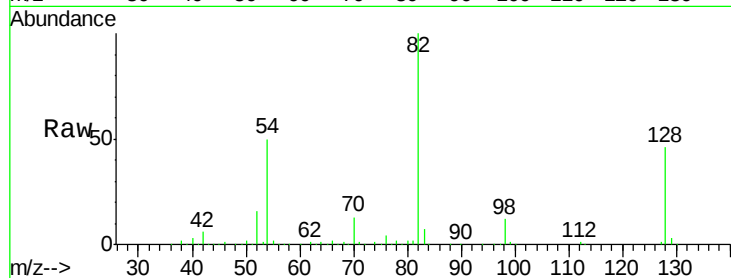
Tot Ion: 82 Resp: 711603

Ion Ratio Lower Upper

82 100

128 46.5 36.1 54.1

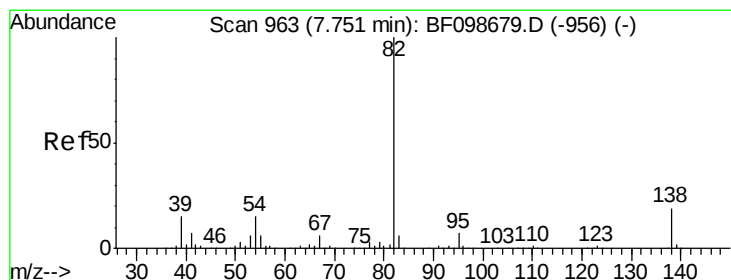
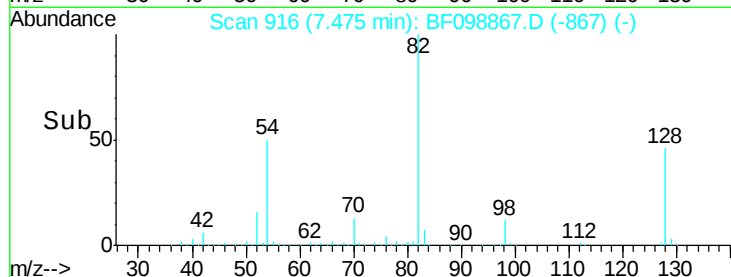
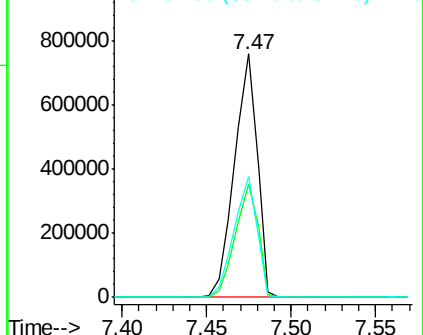
54 49.6 41.4 62.2



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: 42.80 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.27 min

Lab File: BF098867.D

Acq: 27 Sep 2017 17:18

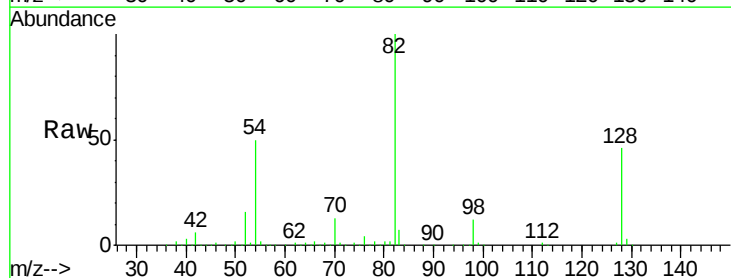
Tgt Ion: 82 Resp: 711593

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

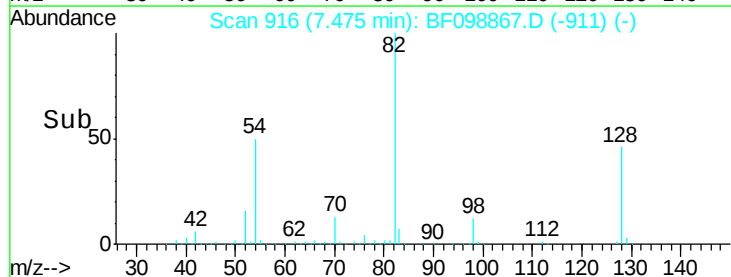
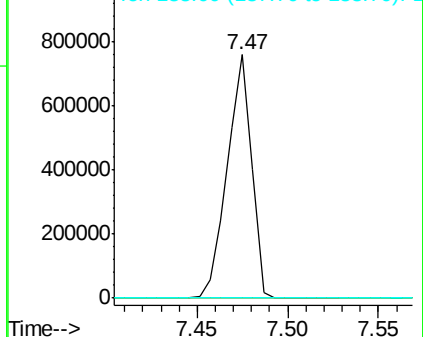
138 0.0 14.9 22.3#

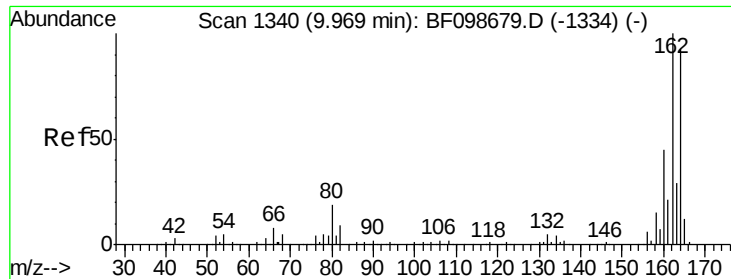


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

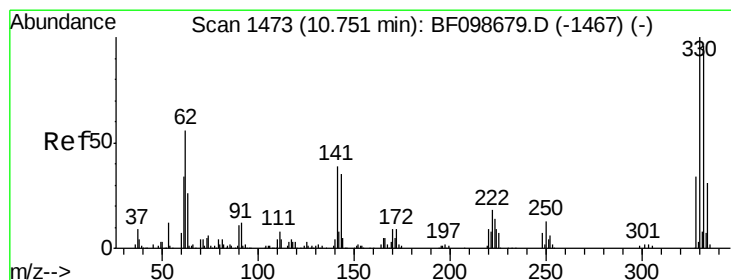
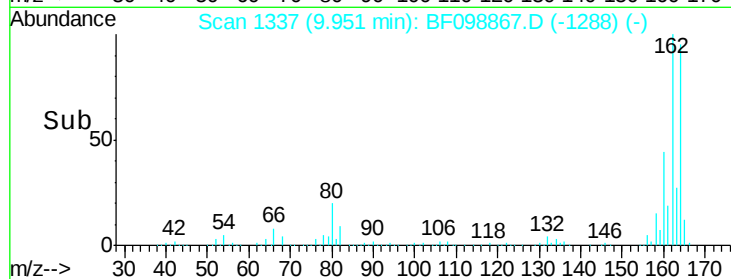
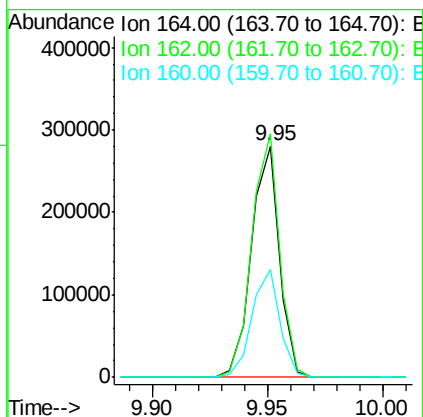
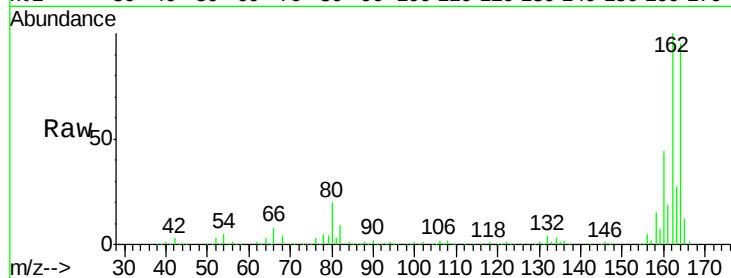




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098867.D
 Acq: 27 Sep 2017 17:18

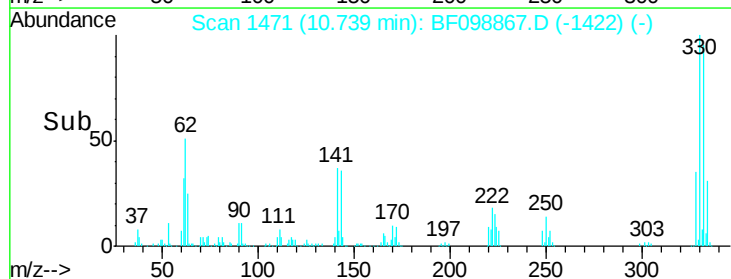
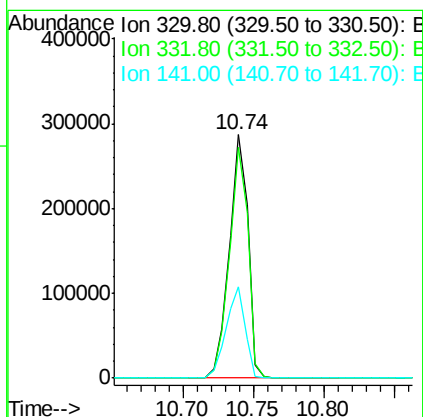
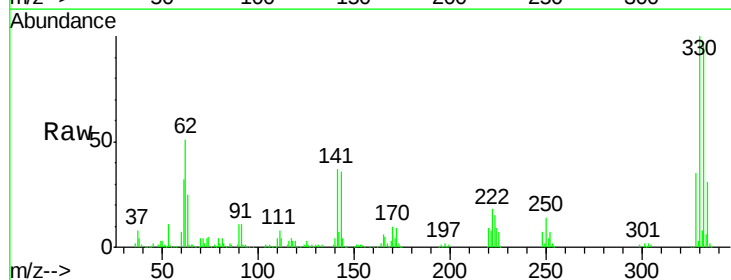
Instrument :
 BNA_F
 ClientSampleId :

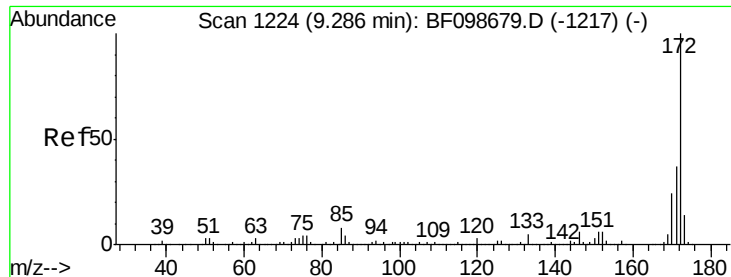
Tot Ion:164 Resp: 236866
 Ion Ratio Lower Upper
 164 100
 162 105.4 86.1 129.1
 160 46.7 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 136.62 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098867.D
 Acq: 27 Sep 2017 17:18

Tgt Ion:330 Resp: 264806
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 38.3 29.9 44.9

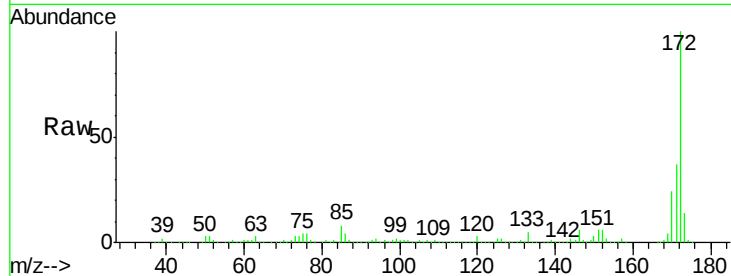




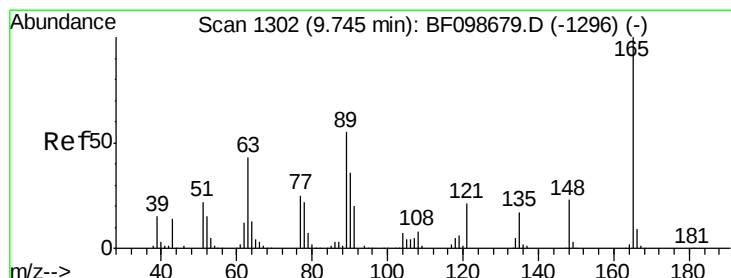
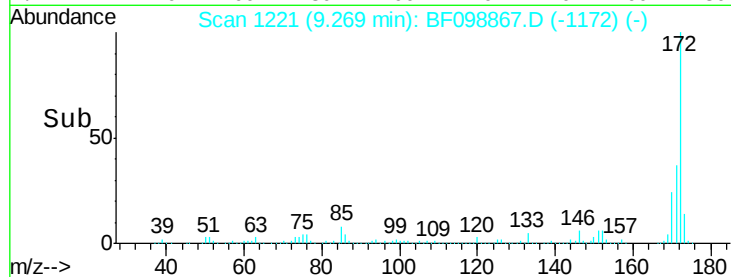
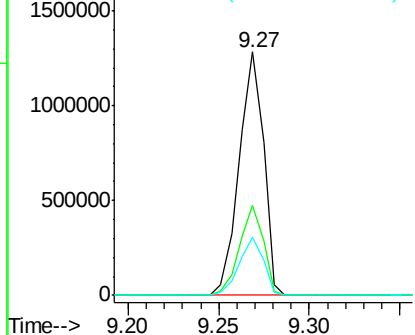
#44
 2-Fluorobiphenyl
 Concen: 84.85 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098867.D
 Acq: 27 Sep 2017 17:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1203863
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.0 19.6 29.4

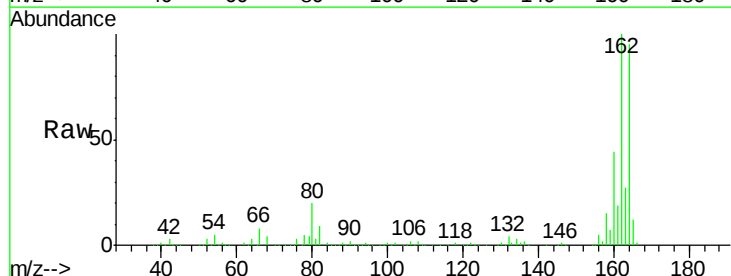


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

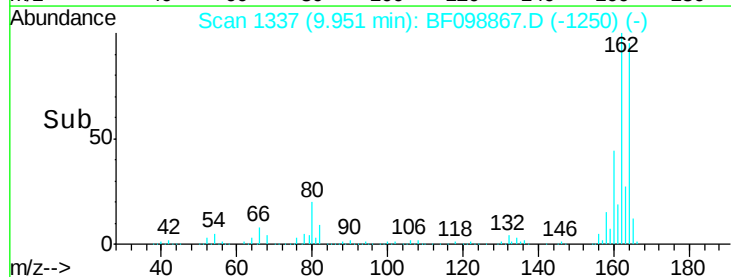
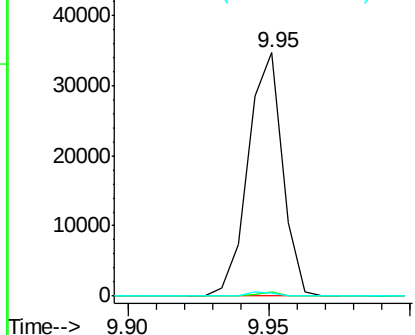


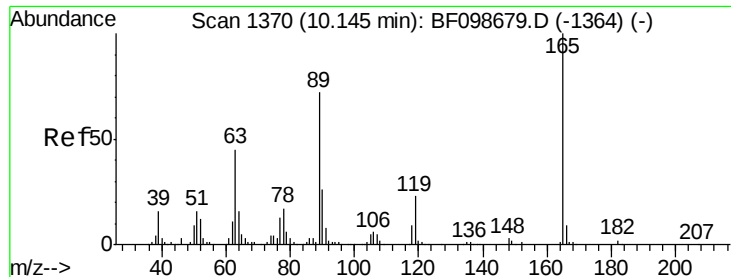
#50
 2,6-Dinitrotoluene
 Concen: 7.51 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.21 min
 Lab File: BF098867.D
 Acq: 27 Sep 2017 17:18

Tgt Ion:165 Resp: 29232
 Ion Ratio Lower Upper
 165 100
 63 1.7 44.7 67.1#
 89 1.4 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

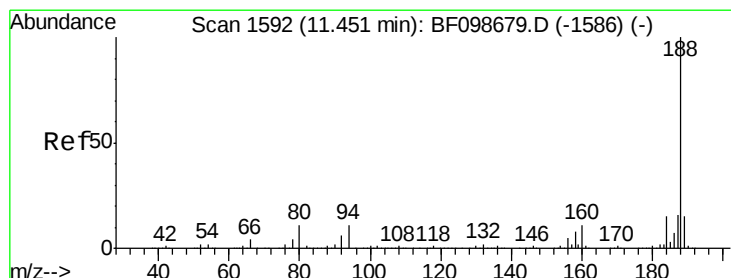
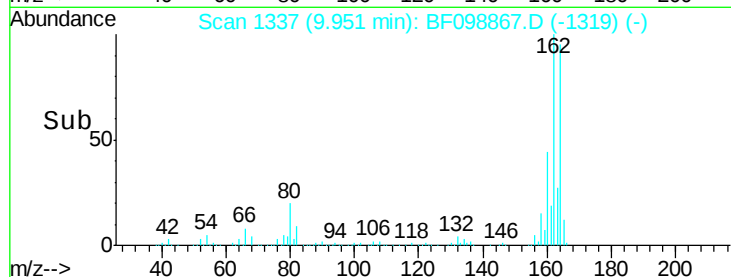
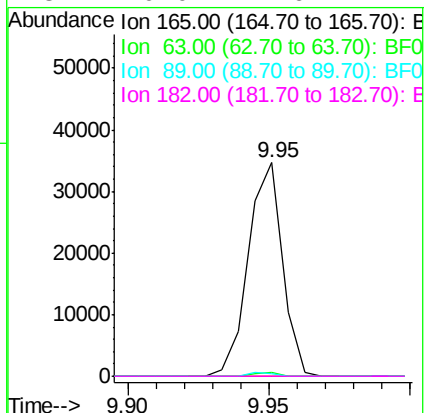
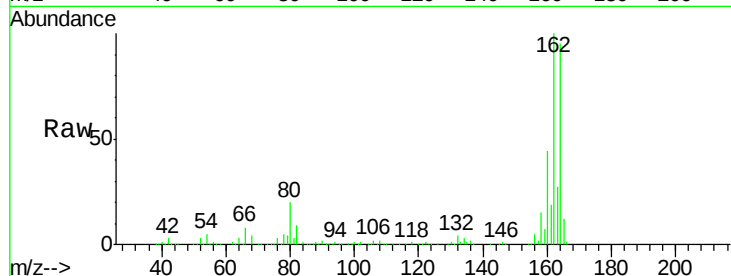




#56
 2,4-Dinitrotoluene
 Concen: 5.79 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098867.D
 Acq: 27 Sep 2017 17:18

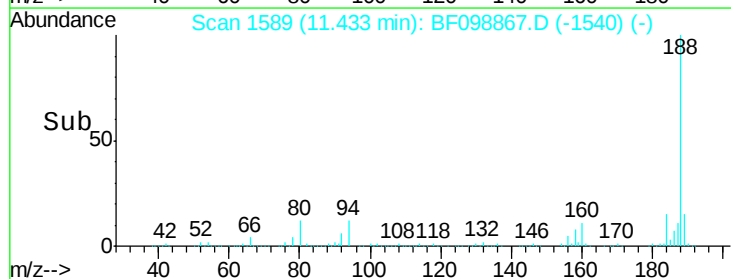
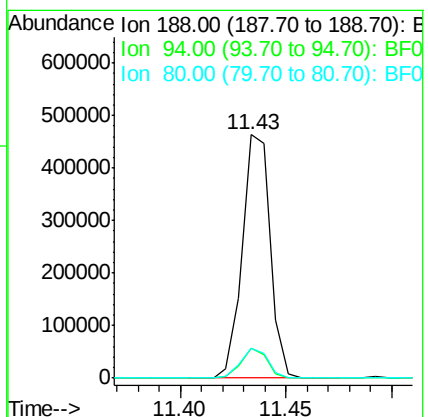
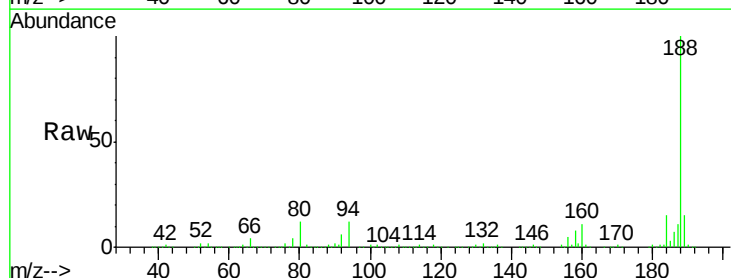
Instrument :
 BNA_F
 ClientSampled :

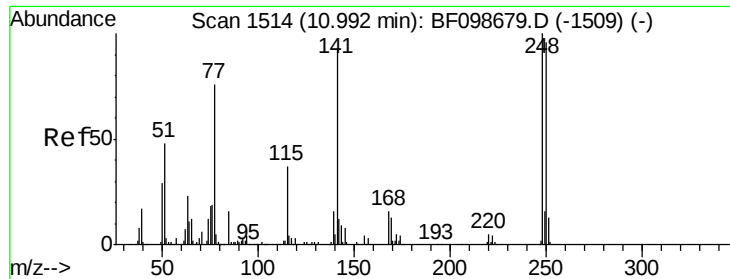
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BF098867.D
 Acq: 27 Sep 2017 17:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.2	8.5	12.7
80	12.4	9.2	13.8

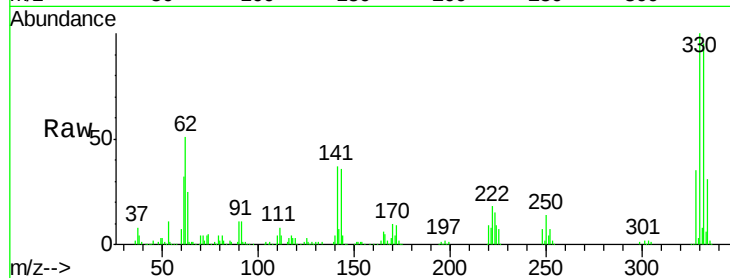




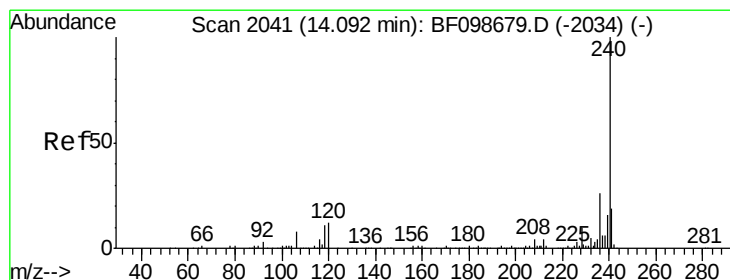
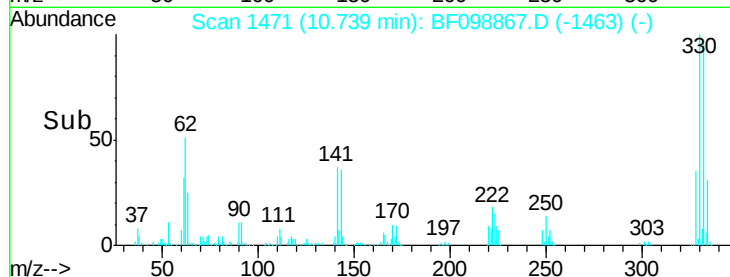
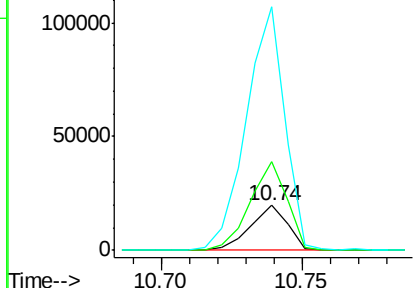
#66
4-Bromophenyl-phenylether
Concen: 4.29 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.25 min
Lab File: BF098867.D
Acq: 27 Sep 2017 17:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 17845
Ion Ratio Lower Upper
248 100
250 196.6 76.9 115.3#
141 542.2 74.4 111.6#

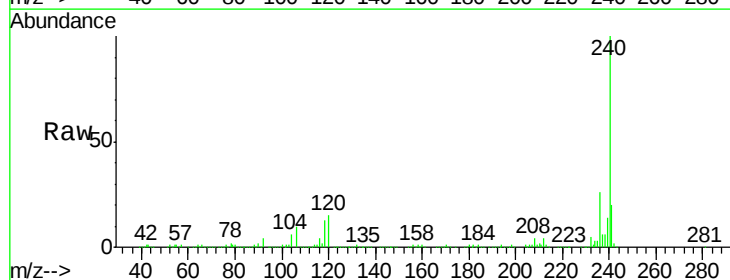


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

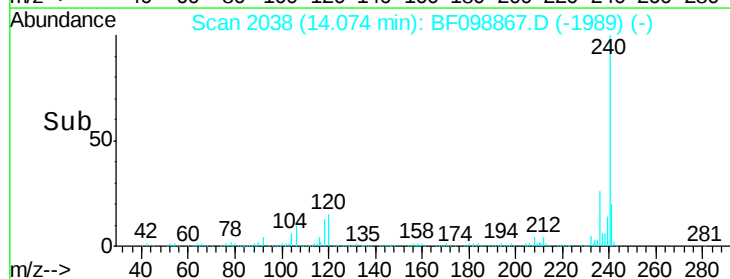
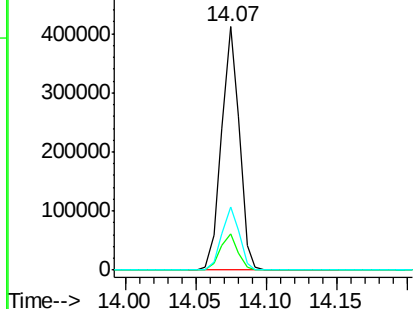


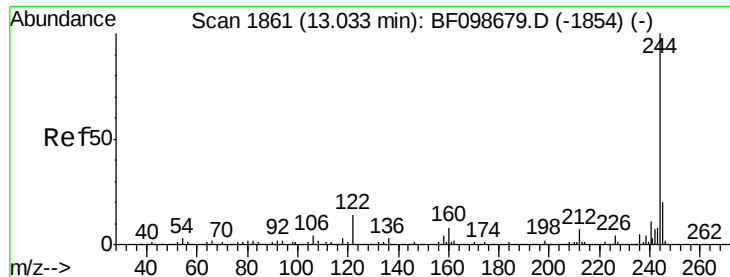
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098867.D
Acq: 27 Sep 2017 17:18

Tgt Ion:240 Resp: 362751
Ion Ratio Lower Upper
240 100
120 14.9 9.5 14.3#
236 26.1 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: 78.24 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098867.D

Acq: 27 Sep 2017 17:18

Instrument :

BNA_F

ClientSampleId :

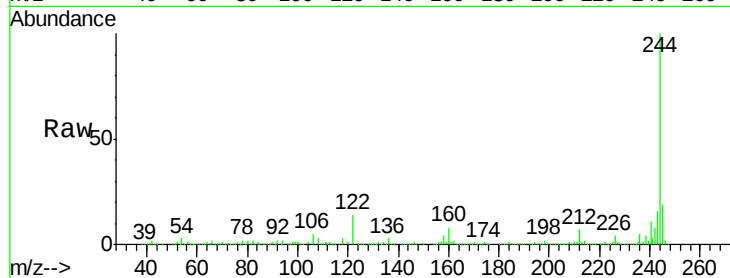
Tot Ion:244 Resp: 1248028

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

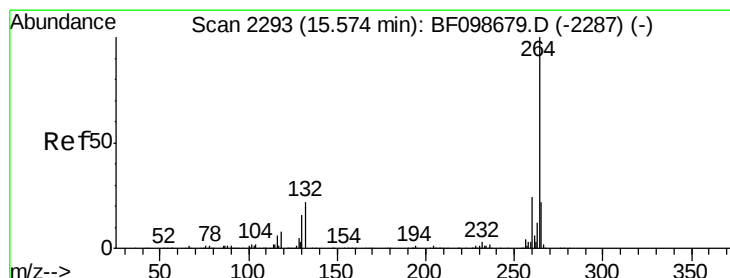
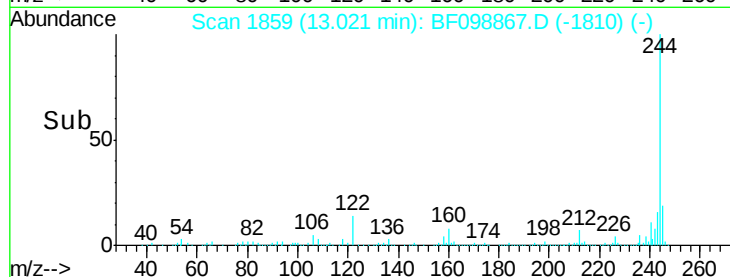
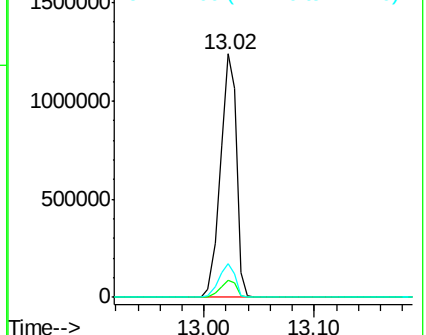
122 14.1 11.0 16.4



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: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF098867.D

Acq: 27 Sep 2017 17:18

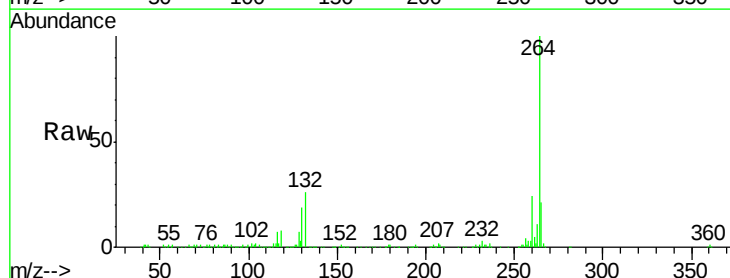
Tgt Ion:264 Resp: 309175

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.0 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

