

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098784.D
 Acq On : 25 Sep 2017 15:36
 Operator : SJ/JU
 Sample : I5364-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 05:15:54 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

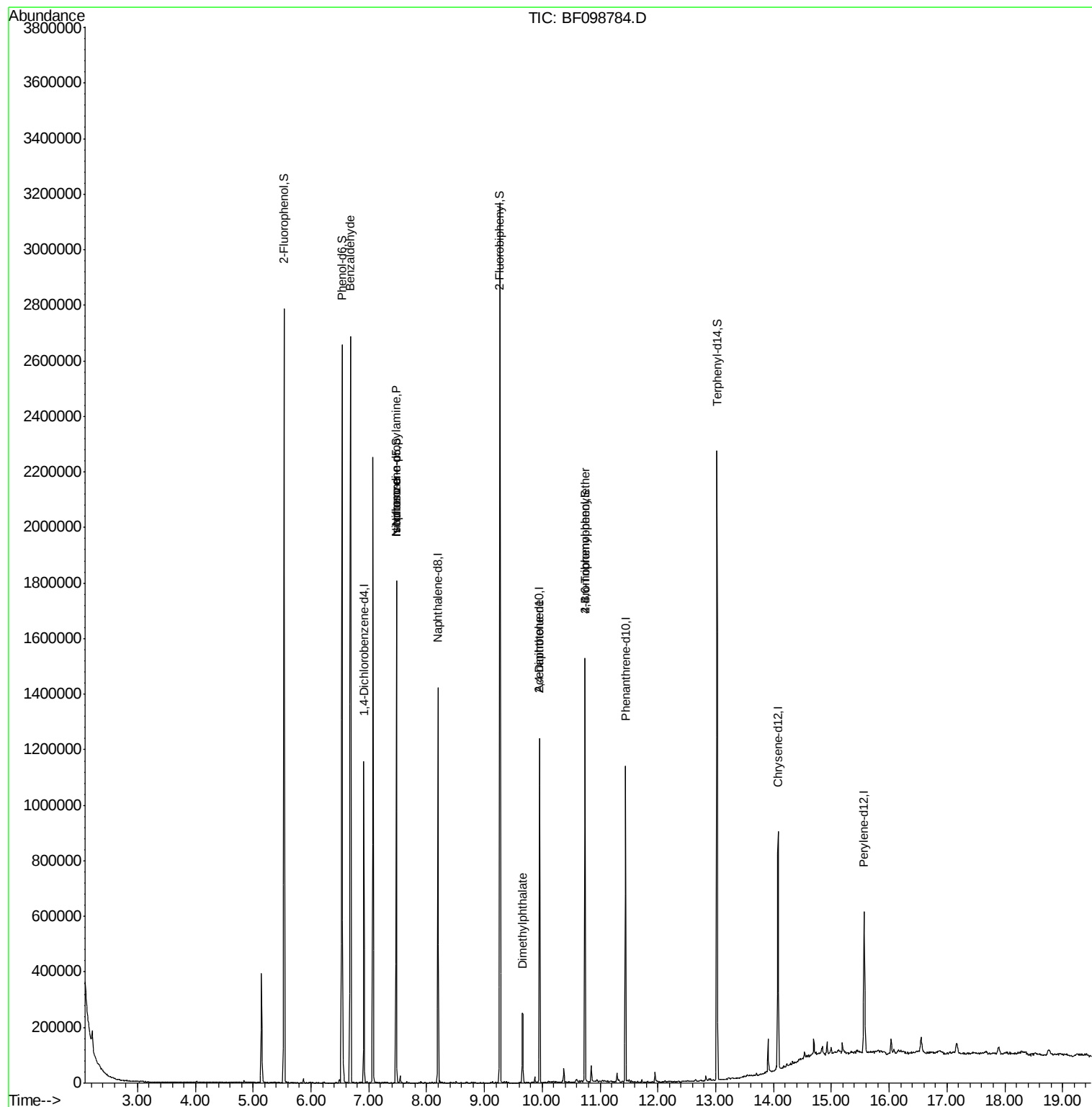
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	145633	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	585841	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	236758	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	350056	20.00	ng	0.00
75) Chrysene-d12	14.08	240	268088	20.00	ng	0.00
86) Perylene-d12	15.57	264	211230	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	783727	85.67	ng	0.00
7) Phenol-d6	6.54	99	945509	83.78	ng	0.00
23) Nitrobenzene-d5	7.47	82	543489	59.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	139016	71.76	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	999769	70.50	ng	-0.01
78) Terphenyl-d14	13.02	244	660372	56.02	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.69	77	16774	2.562	ng	83
19) n-Nitroso-di-n-propylamine	7.47	70	71819	9.967	ng	# 78
25) Isophorone	7.47	82	542725	28.735	ng	# 64
49) Dimethylphthalate	9.66	163	100801	5.641	ng	100
56) 2,4-Dinitrotoluene	9.95	165	30134	5.969	ng	# 23
66) 4-Bromophenyl-phenylether	10.74	248	9586	2.798	ng	# 1

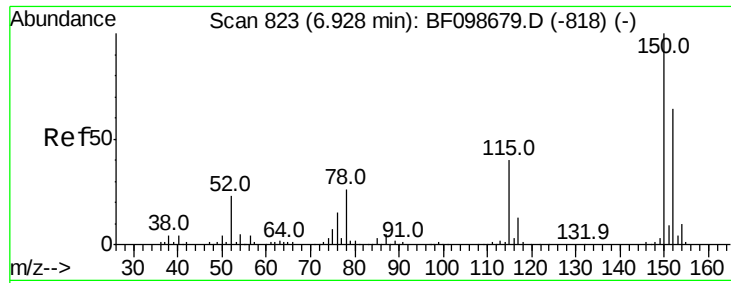
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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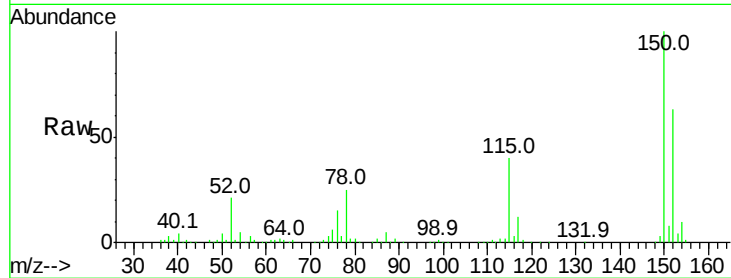


#1

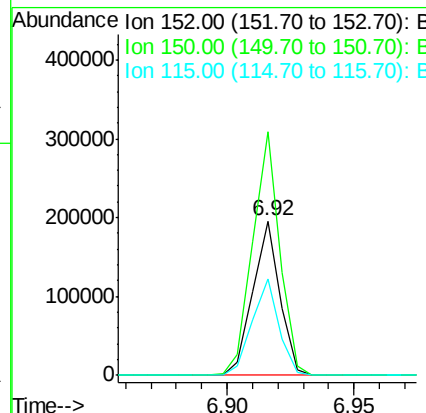
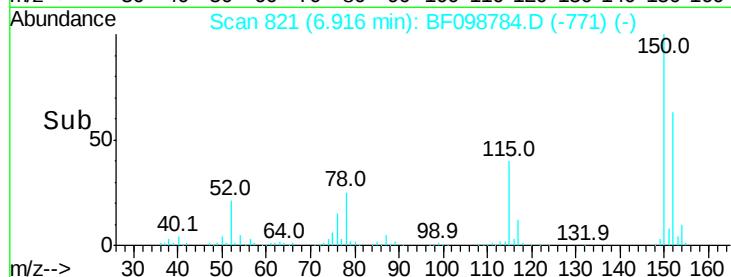
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF098784.D
 Acq: 25 Sep 2017 15:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 145633
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.6 186.8
 115 62.2 50.1 75.1



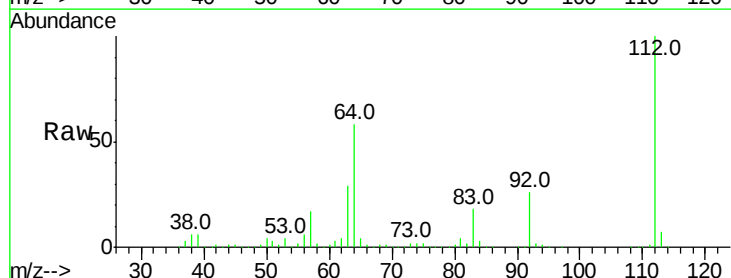
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



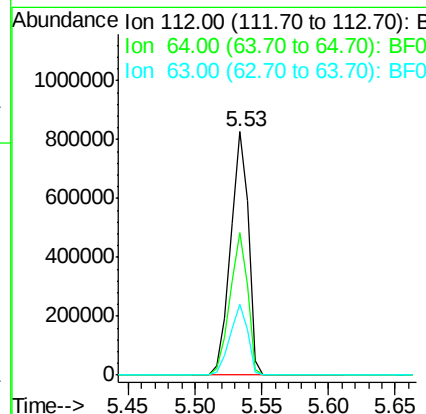
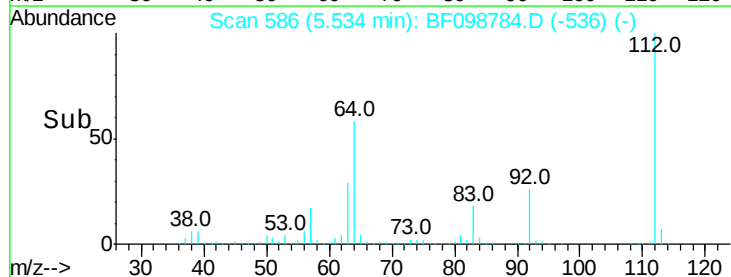
#5

2-Fluorophenol
 Concen: 85.668 ng
 RT: 5.53 min Scan# 586
 Delta R.T. -0.01 min
 Lab File: BF098784.D
 Acq: 25 Sep 2017 15:36

Tgt Ion:112 Resp: 783727
 Ion Ratio Lower Upper
 112 100
 64 58.3 47.9 71.9
 63 29.3 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: 83.780 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098784.D

Acq: 25 Sep 2017 15:36

Instrument :

BNA_F

ClientSampleId :

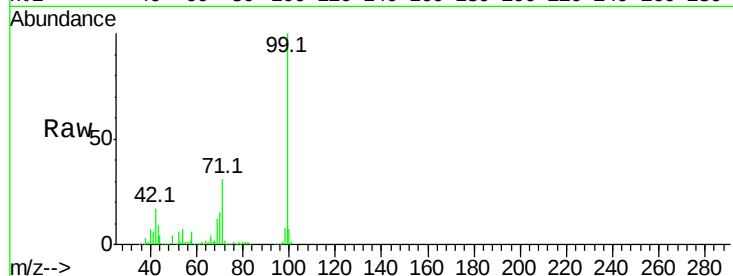
Tot Ion: 99 Resp: 945509

Ion Ratio Lower Upper

99 100

42 16.7 14.5 21.7

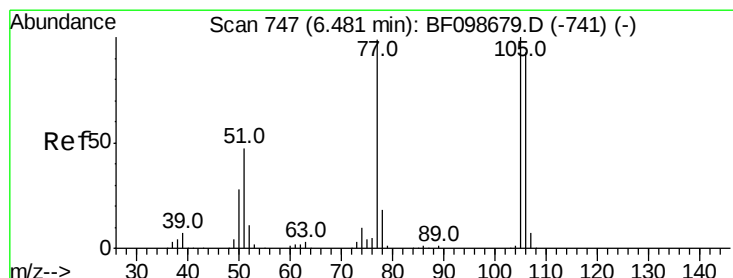
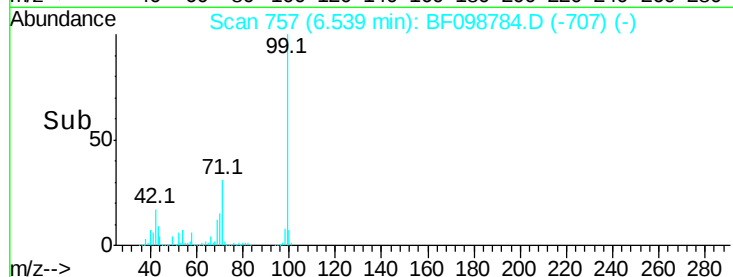
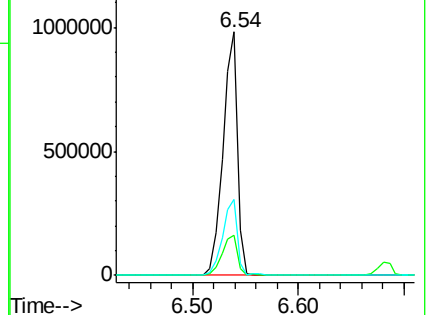
71 31.0 25.4 38.0



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: 2.562 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.21 min

Lab File: BF098784.D

Acq: 25 Sep 2017 15:36

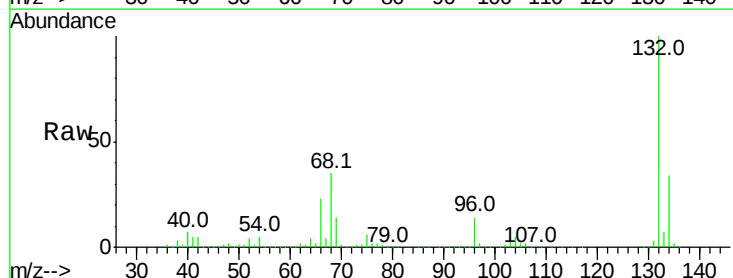
Tgt Ion: 77 Resp: 16774

Ion Ratio Lower Upper

77 100

105 85.0 81.1 121.1

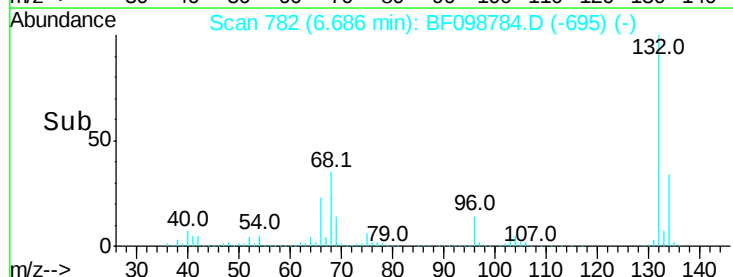
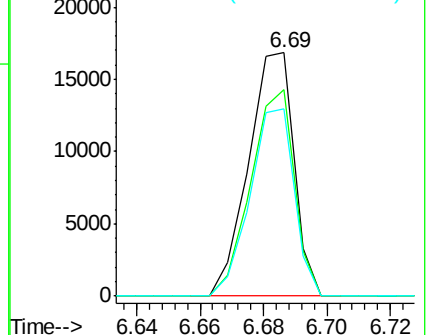
106 77.1 74.5 114.5

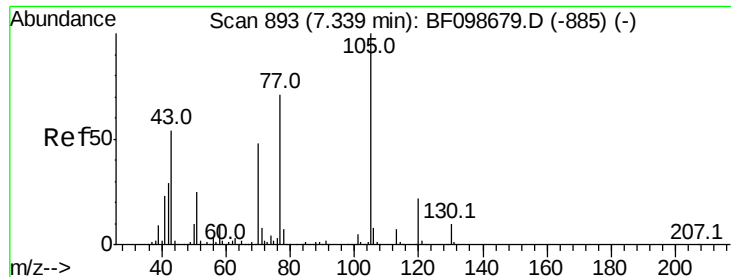


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

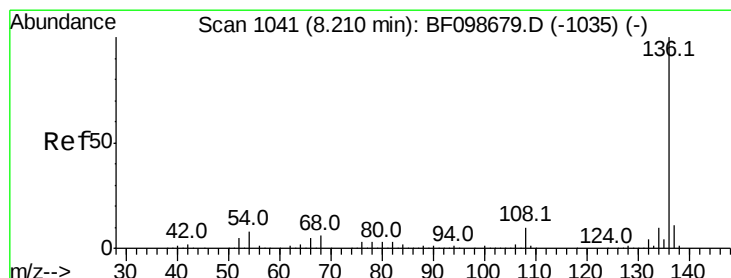
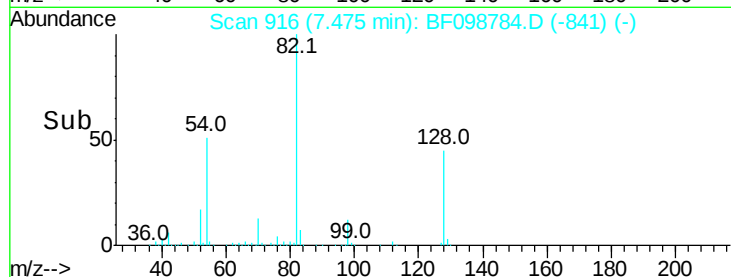
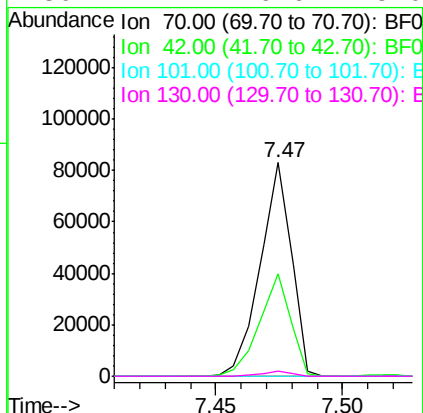
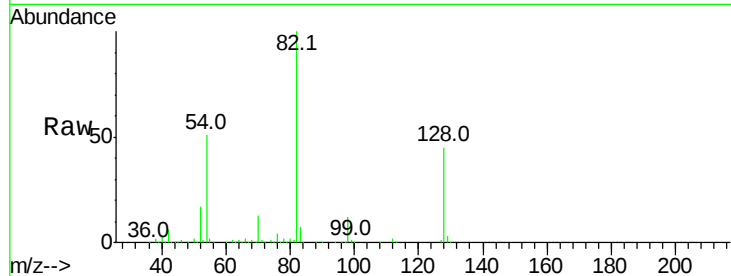




#19
n-Nitroso-di-n-propylamine
Concen: 9.967 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF098784.D
Acq: 25 Sep 2017 15:36

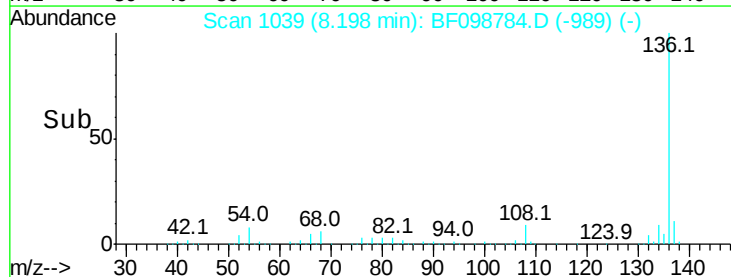
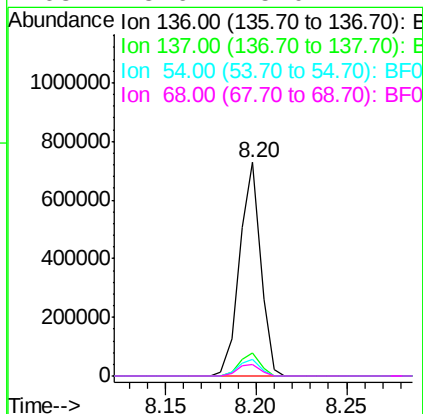
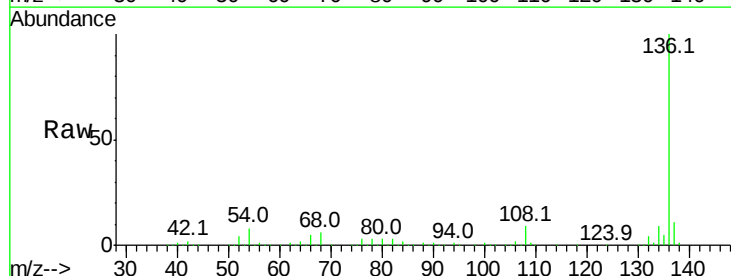
Instrument :
BNA_F
ClientSampleId :

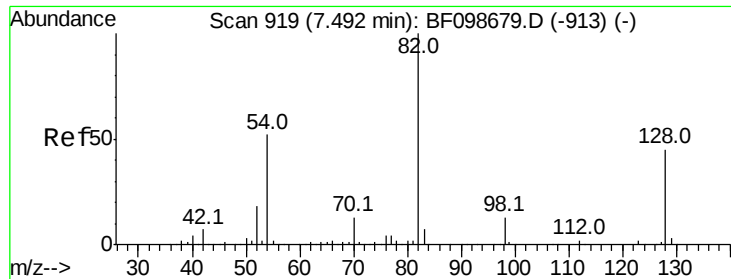
Tot Ion: 70 Resp: 71819
Ion Ratio Lower Upper
70 100
42 47.9 47.5 71.3
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098784.D
Acq: 25 Sep 2017 15:36

Tgt Ion: 136 Resp: 585841
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.6 6.6 9.8
68 5.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 59.494 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF098784.D

Acq: 25 Sep 2017 15:36

Instrument :
BNA_F
ClientSampleId :

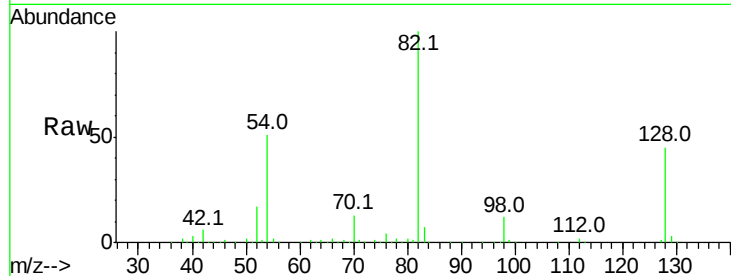
Tot Ion: 82 Resp: 543489

Ion Ratio Lower Upper

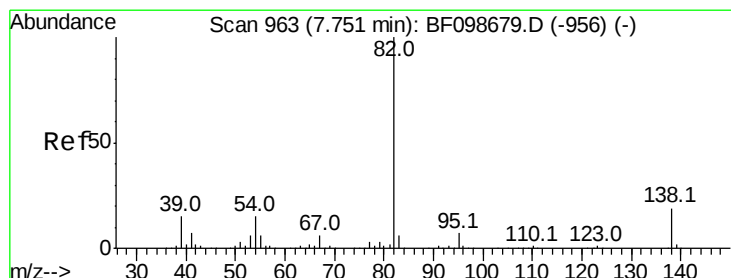
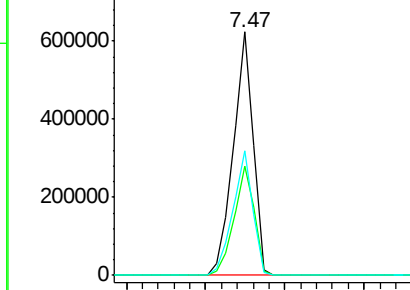
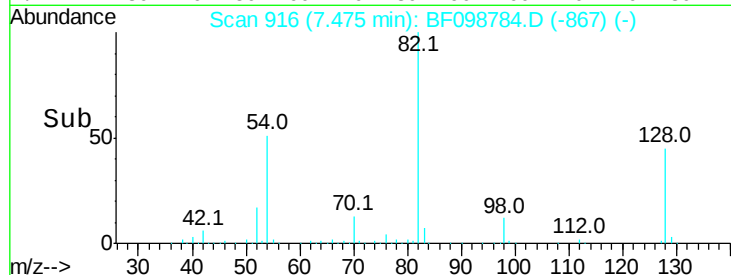
82 100

128 44.9 36.1 54.1

54 51.1 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: 28.735 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.27 min

Lab File: BF098784.D

Acq: 25 Sep 2017 15:36

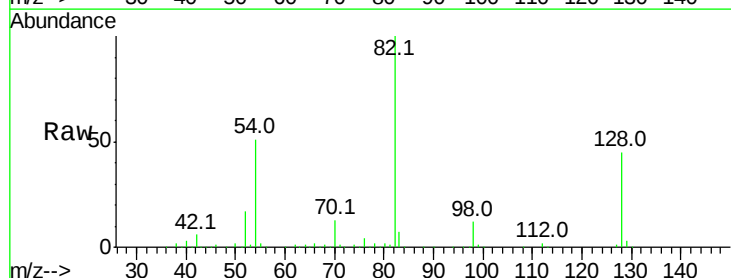
Tgt Ion: 82 Resp: 542725

Ion Ratio Lower Upper

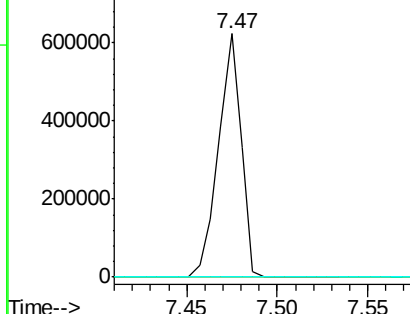
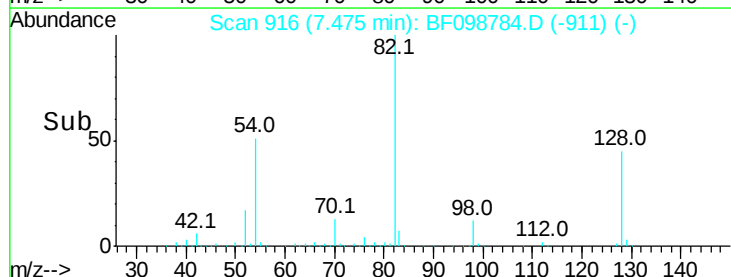
82 100

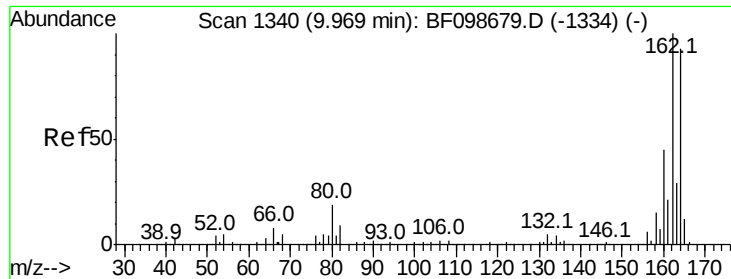
95 0.0 5.2 7.8#

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

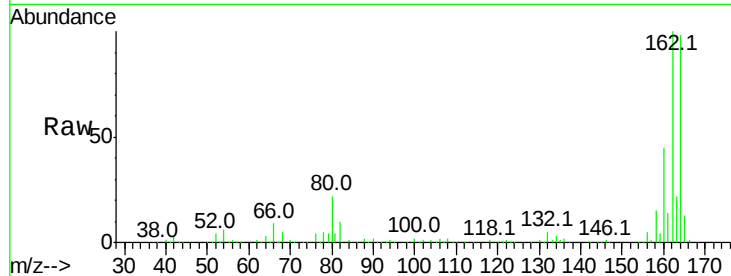




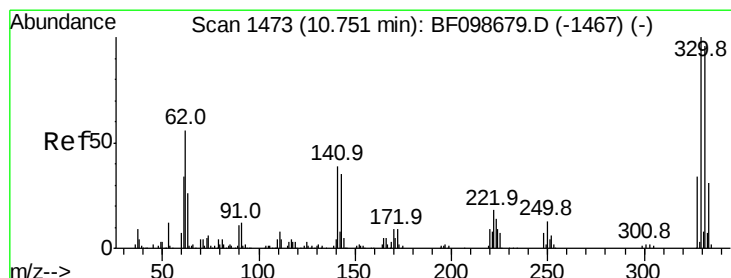
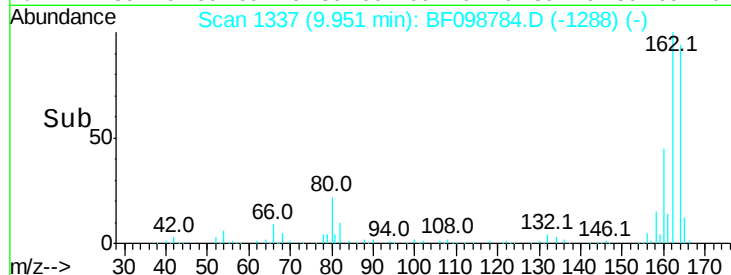
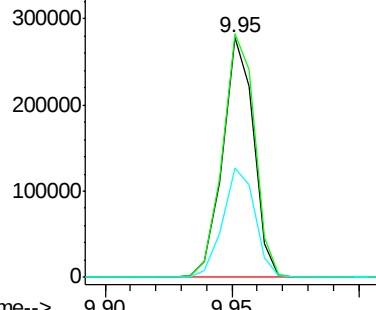
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098784.D
 Acq: 25 Sep 2017 15:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 236758
 Ion Ratio Lower Upper
 164 100
 162 101.7 86.1 129.1
 160 45.6 38.3 57.5

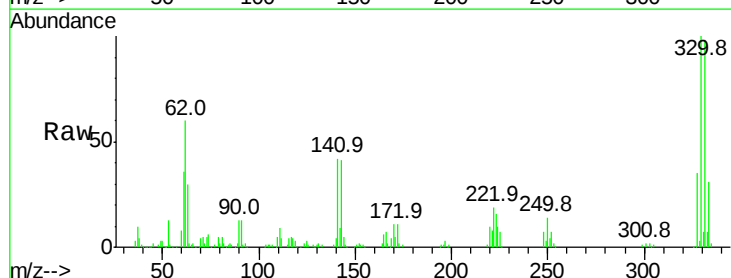


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

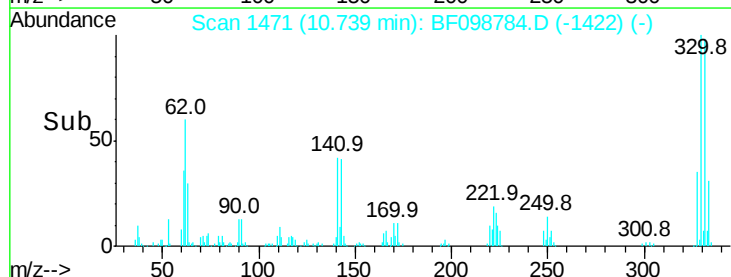
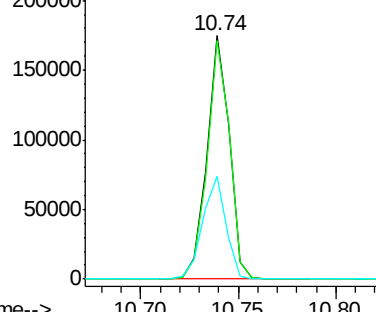


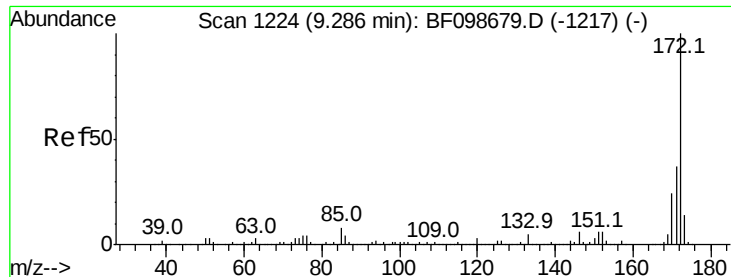
#41
 2,4,6-Tribromophenol
 Concen: 71.757 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098784.D
 Acq: 25 Sep 2017 15:36

Tgt Ion:330 Resp: 139016
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.0 115.6
 141 44.1 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: 70.495 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BF098784.D

Acq: 25 Sep 2017 15:36

Instrument :

BNA_F

ClientSampleId :

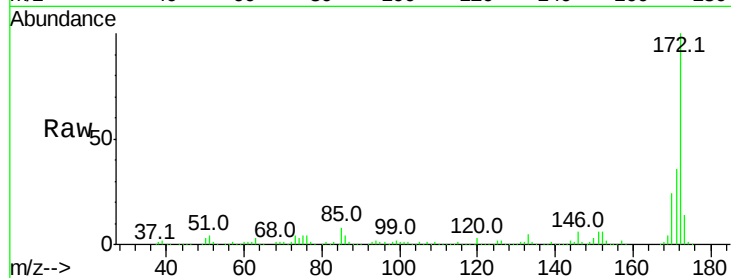
Tot Ion:172 Resp: 999769

Ion Ratio Lower Upper

172 100

171 35.5 29.7 44.5

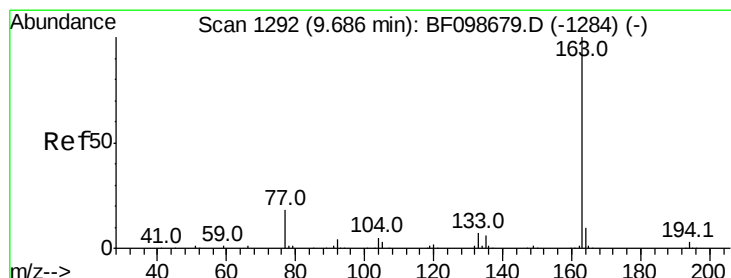
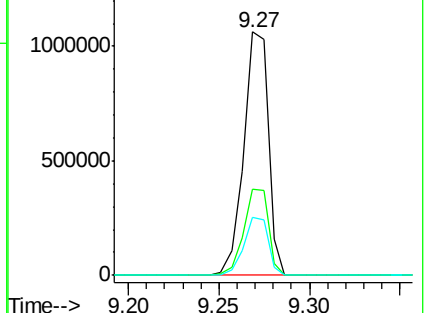
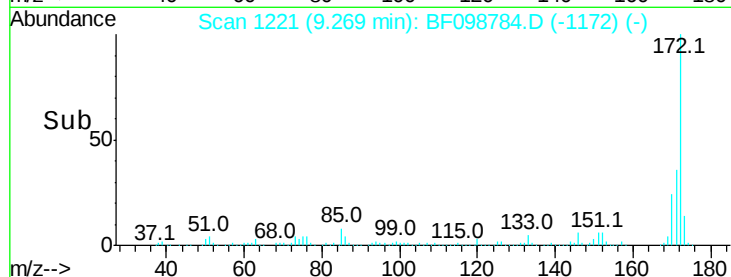
170 23.9 19.6 29.4



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: 5.641 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.02 min

Lab File: BF098784.D

Acq: 25 Sep 2017 15:36

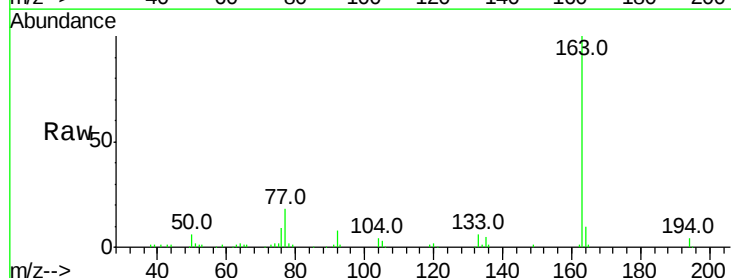
Tgt Ion:163 Resp: 100801

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

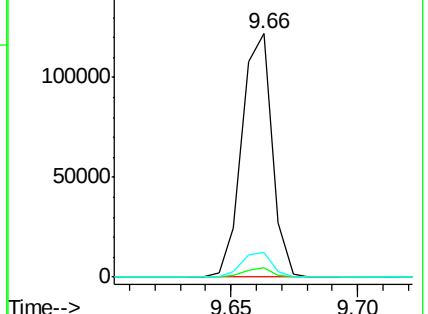
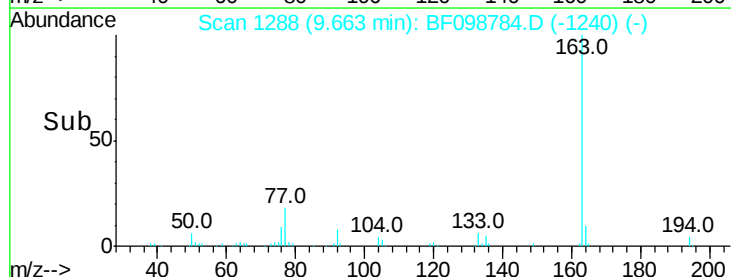
164 10.1 8.2 12.2



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

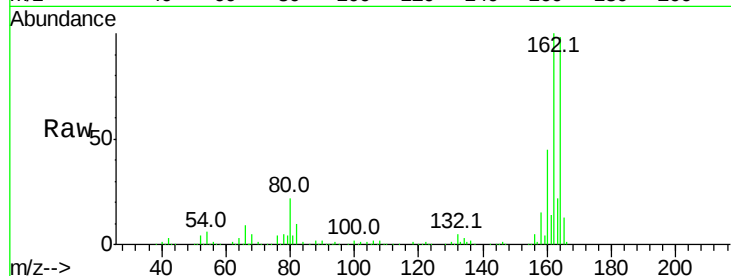




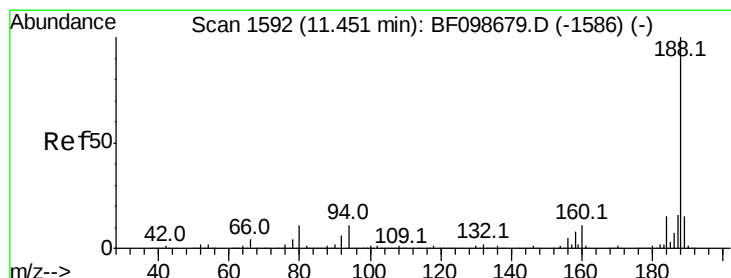
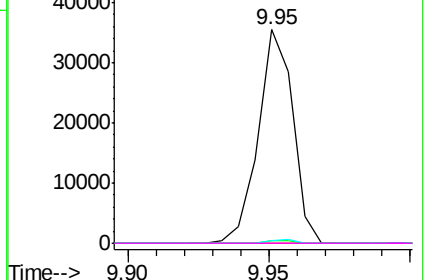
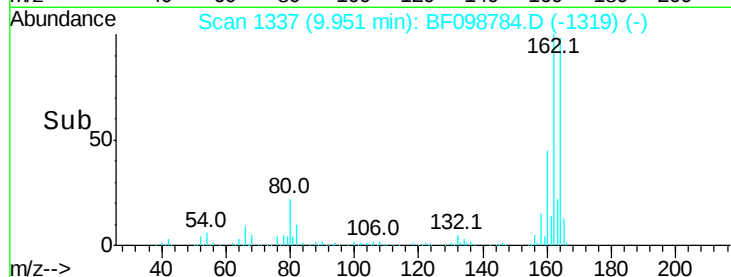
#56
 2,4-Dinitrotoluene
 Concen: 5.969 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098784.D
 Acq: 25 Sep 2017 15:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 30134
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.4 54.6#
 89 1.5 57.8 86.6#
 182 0.0 1.6 2.4#

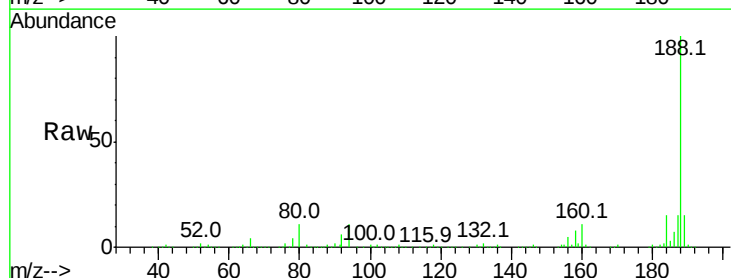


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

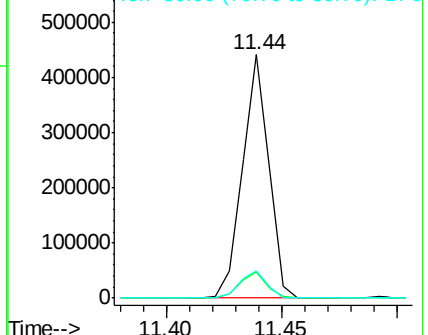
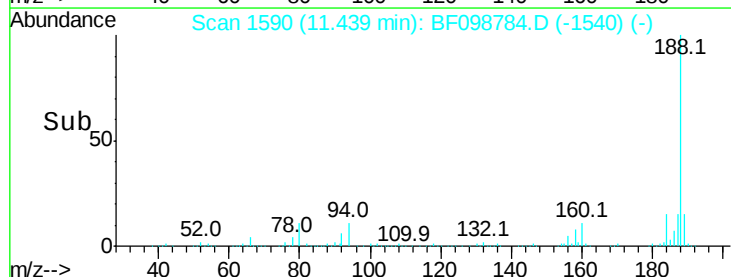


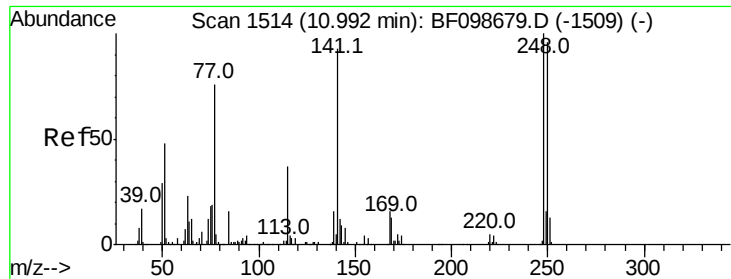
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF098784.D
 Acq: 25 Sep 2017 15:36

Tgt Ion:188 Resp: 350056
 Ion Ratio Lower Upper
 188 100
 94 10.8 8.5 12.7
 80 11.4 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

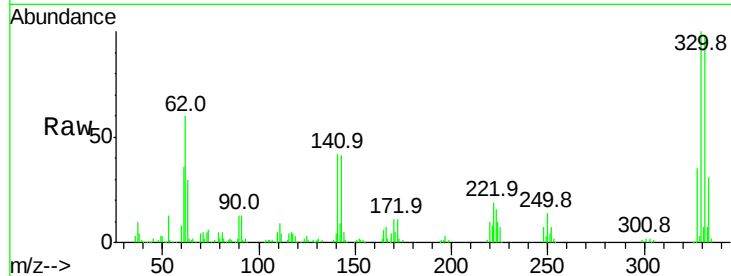




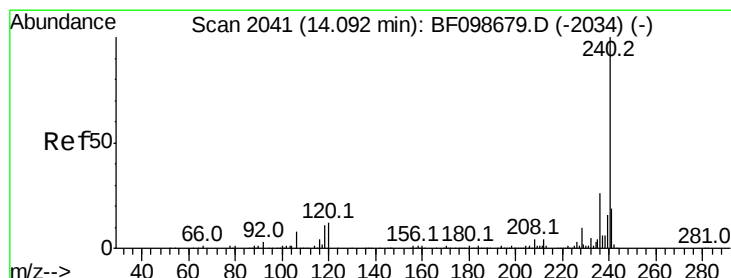
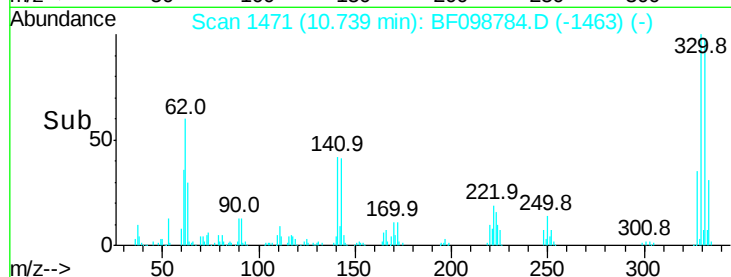
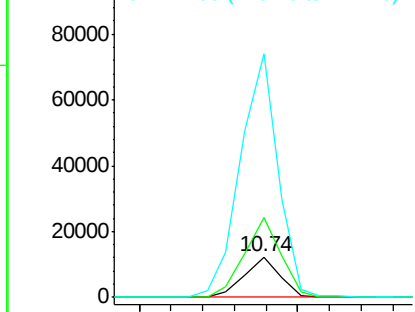
#66
4-Bromophenyl-phenylether
Concen: 2.798 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.25 min
Lab File: BF098784.D
Acq: 25 Sep 2017 15:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 9586
Ion Ratio Lower Upper
248 100
250 200.2 76.9 115.3#
141 606.8 74.4 111.6#

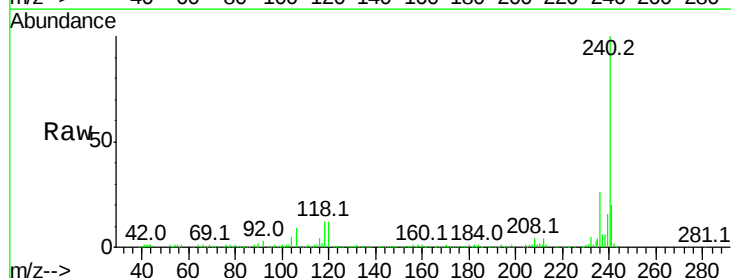


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

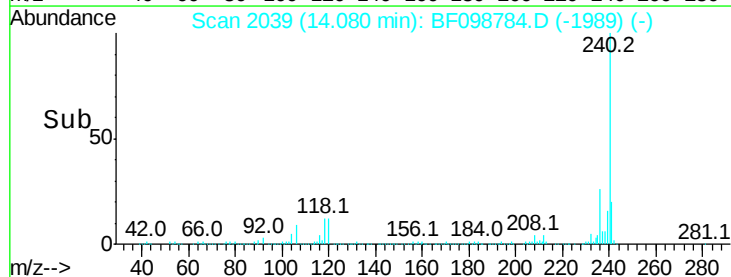
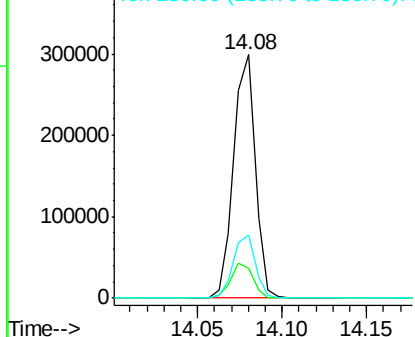


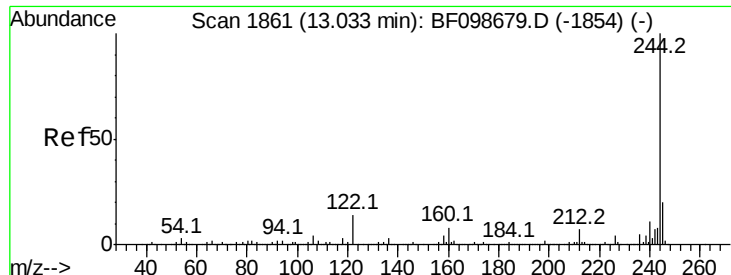
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF098784.D
Acq: 25 Sep 2017 15:36

Tgt Ion:240 Resp: 268088
Ion Ratio Lower Upper
240 100
120 12.5 9.5 14.3
236 26.0 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: 56.020 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098784.D

Acq: 25 Sep 2017 15:36

Instrument :

BNA_F

ClientSampled :

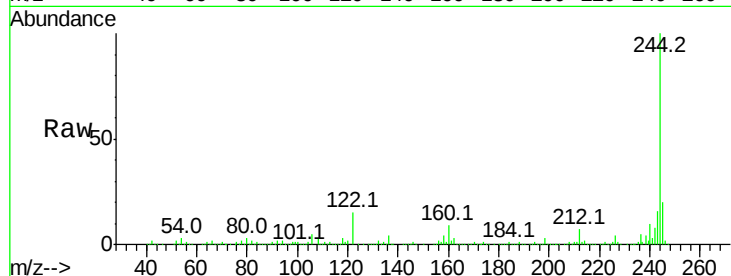
Tot Ion:244 Resp: 660372

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

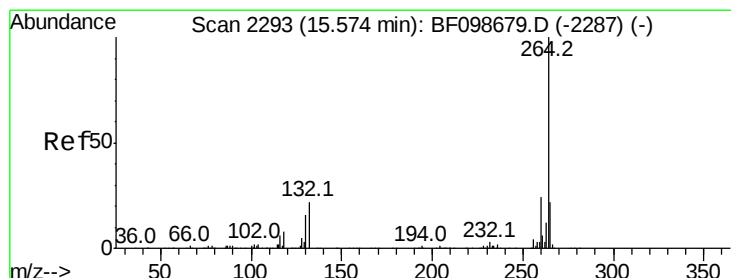
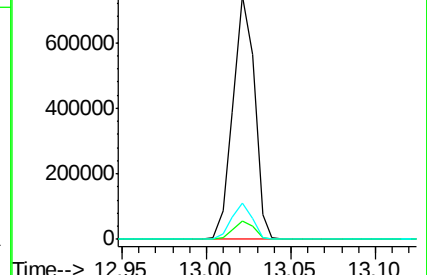
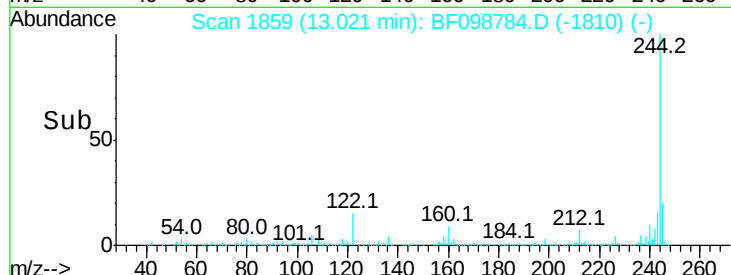
122 14.9 11.0 16.4



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: 15.57 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BF098784.D

Acq: 25 Sep 2017 15:36

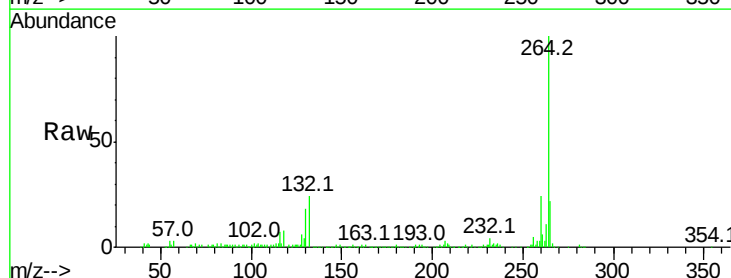
Tgt Ion:264 Resp: 211230

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.5 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

