

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098813.D
 Acq On : 26 Sep 2017 6:10
 Operator : SJ/JU
 Sample : PB102566BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 08:45:16 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

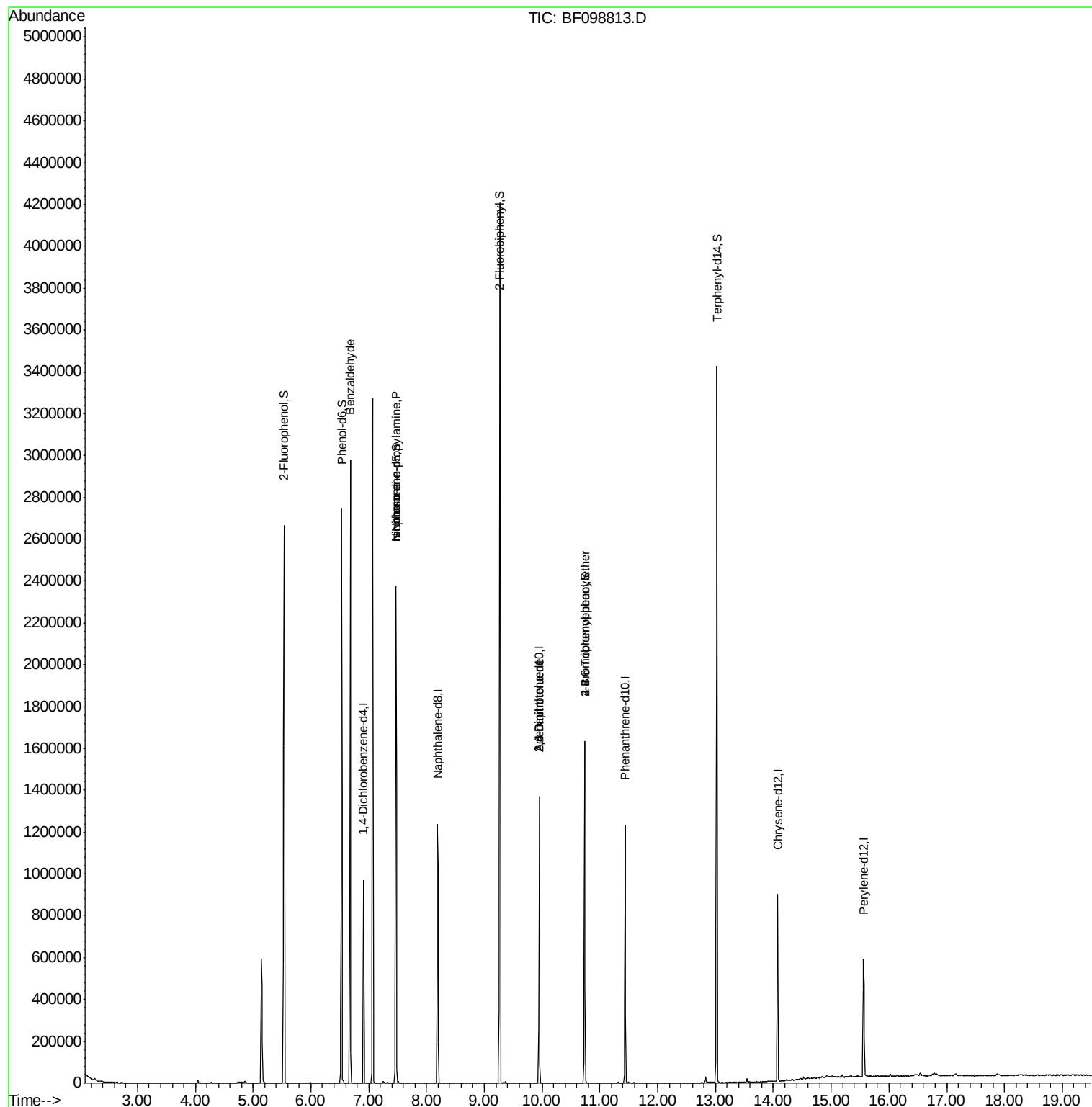
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	135126	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	567950	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	254171	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	424187	20.00	ng	0.00
75) Chrysene-d12	14.07	240	257364	20.00	ng	-0.01
86) Perylene-d12	15.56	264	238468	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	807443	95.12	ng	0.00
7) Phenol-d6	6.53	99	965459	92.20	ng	-0.01
23) Nitrobenzene-d5	7.47	82	843613	95.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	168864	81.19	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1519256	99.79	ng	-0.01
78) Terphenyl-d14	13.02	244	1084520	95.83	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.68	77	16874	2.778	ng	83
19) n-Nitroso-di-n-propylamine	7.47	70	111569	16.688	ng	# 75
25) Isophorone	7.47	82	843302	46.056	ng	# 64
50) 2,6-Dinitrotoluene	9.95	165	32622	7.811	ng	# 25
56) 2,4-Dinitrotoluene	9.95	165	32622	6.019	ng	# 23
66) 4-Bromophenyl-phenylether	10.74	248	11614	2.797	ng	# 1

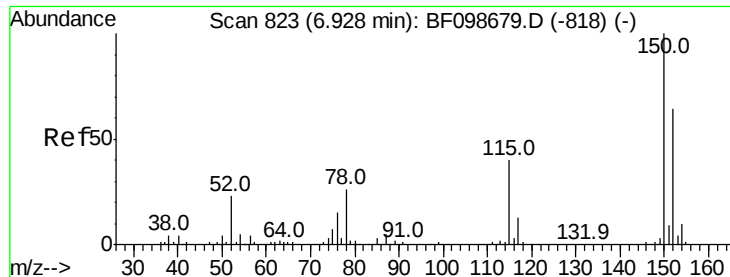
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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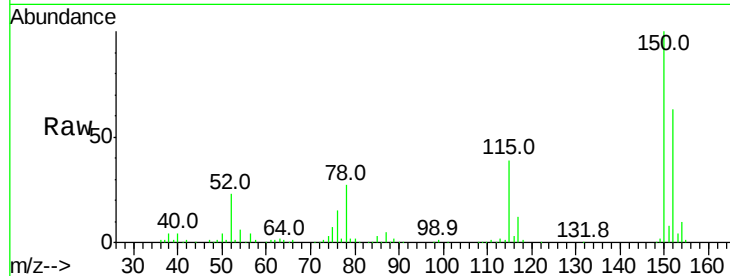


#1

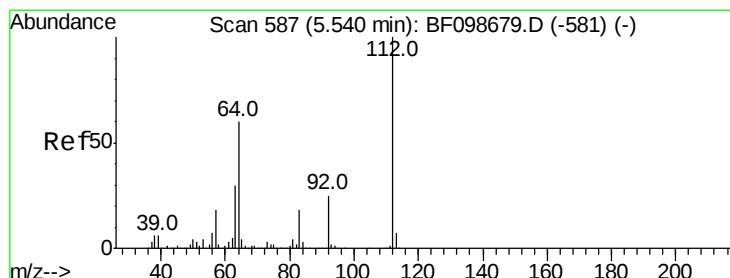
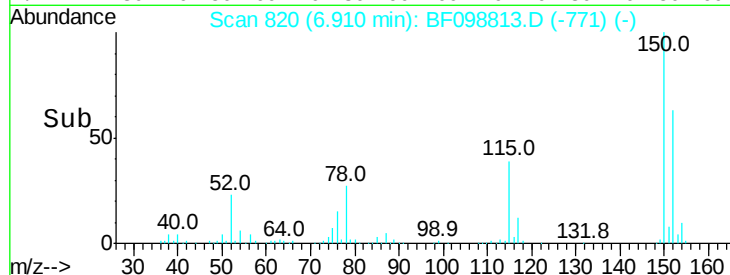
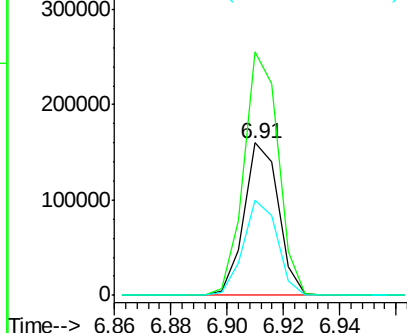
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF098813.D
Acq: 26 Sep 2017 6:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 135126
Ion Ratio Lower Upper
152 100
150 159.8 124.6 186.8
115 62.6 50.1 75.1



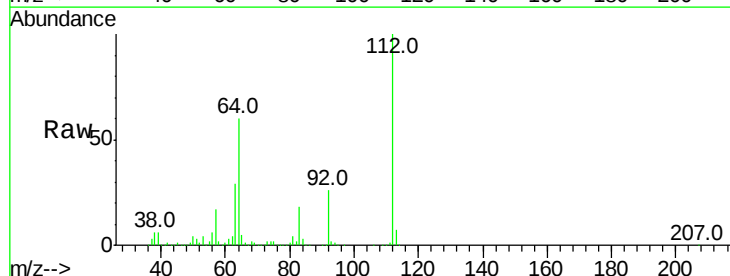
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



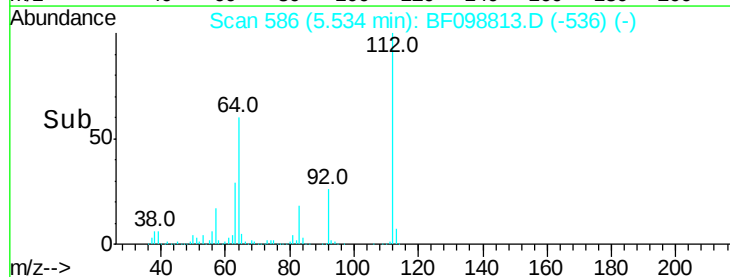
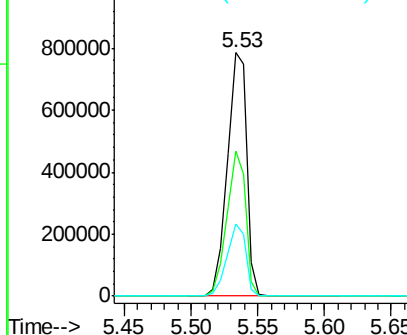
#5

2-Fluorophenol
Concen: 95.124 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098813.D
Acq: 26 Sep 2017 6:10

Tgt Ion:112 Resp: 807443
Ion Ratio Lower Upper
112 100
64 59.7 47.9 71.9
63 29.5 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: 92.200 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF098813.D

Acq: 26 Sep 2017 6:10

Instrument :

BNA_F

ClientSampled :

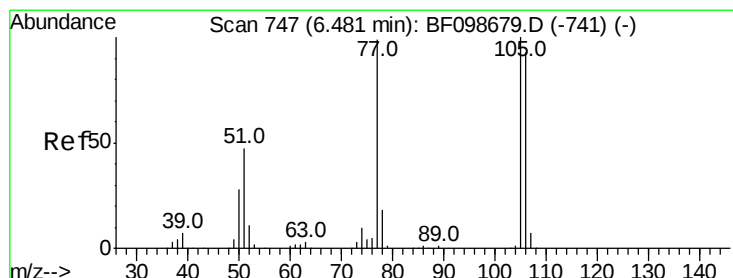
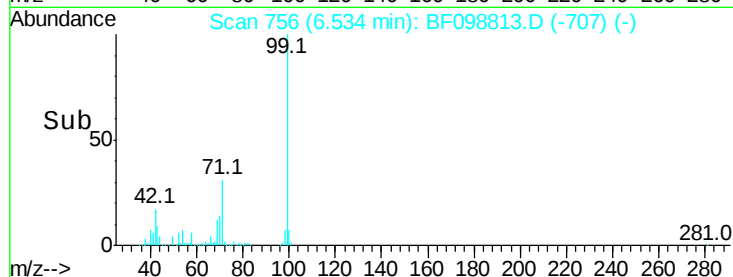
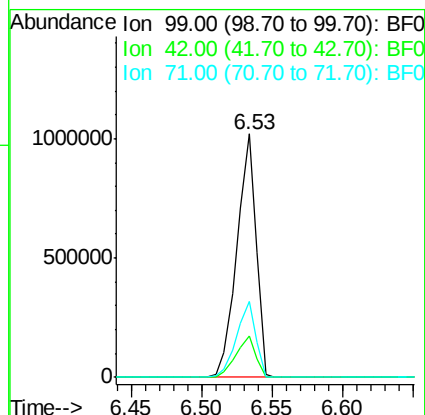
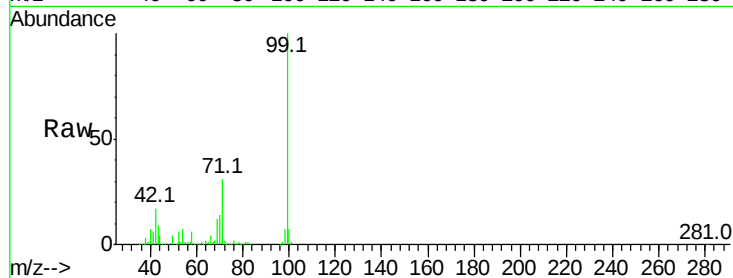
Tot Ion: 99 Resp: 965459

Ion Ratio Lower Upper

99 100

42 17.1 14.5 21.7

71 31.4 25.4 38.0



#9

Benzaldehyde

Concen: 2.778 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.21 min

Lab File: BF098813.D

Acq: 26 Sep 2017 6:10

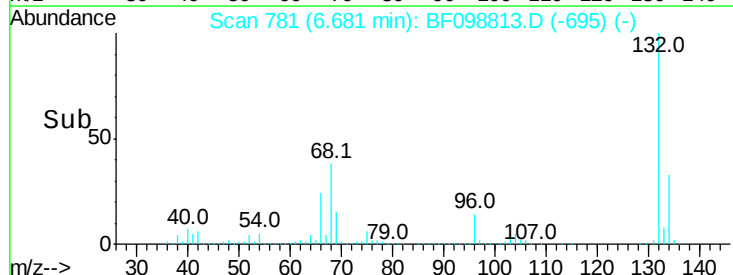
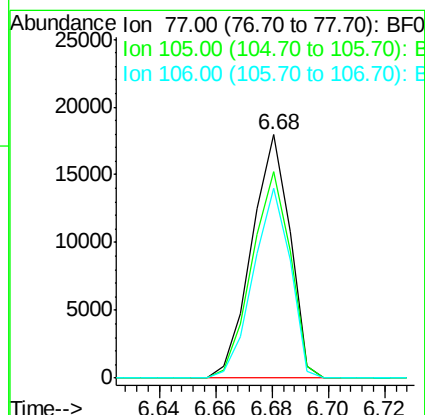
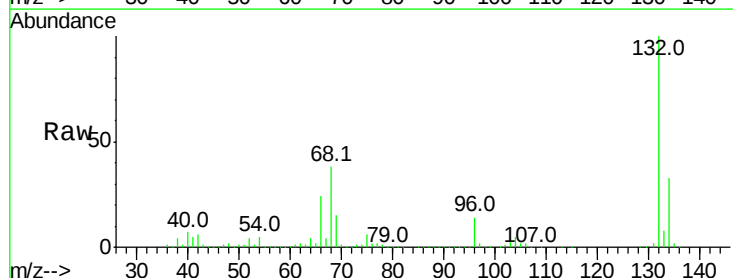
Tgt Ion: 77 Resp: 16874

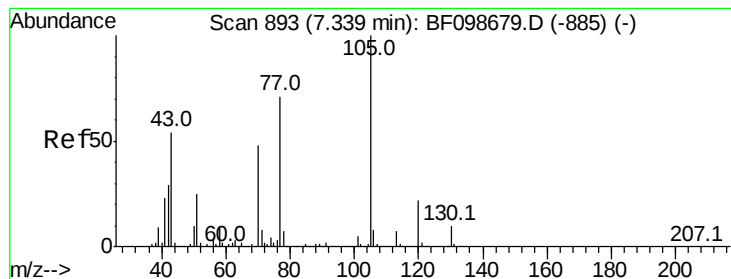
Ion Ratio Lower Upper

77 100

105 84.9 81.1 121.1

106 78.0 74.5 114.5





#19

n-Nitroso-di-n-propylamine

Concen: 16.688 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.14 min

Lab File: BF098813.D

Acq: 26 Sep 2017 6:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 111569

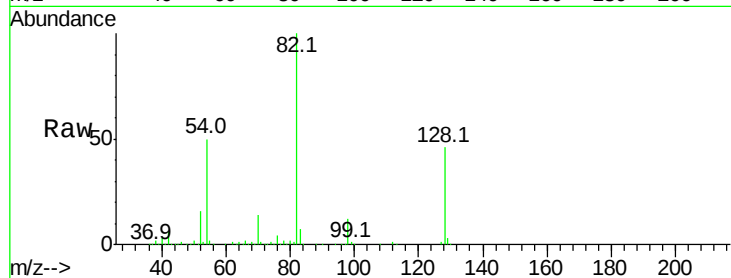
Ion Ratio Lower Upper

70 100

42 44.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

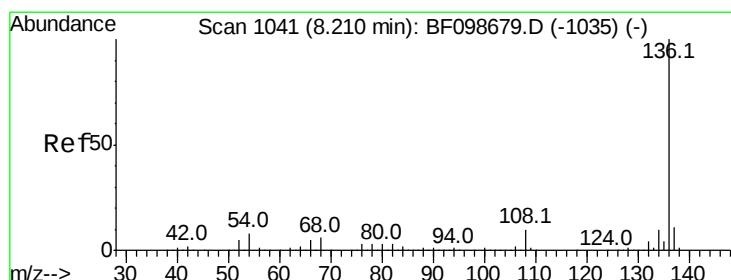
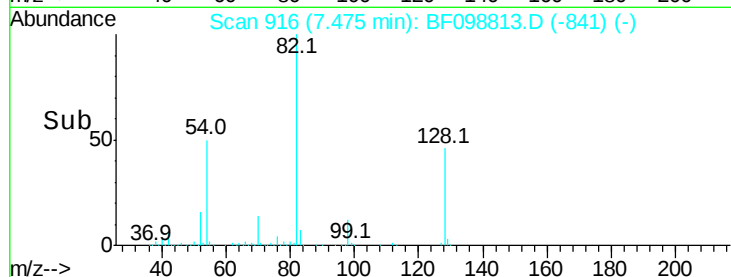
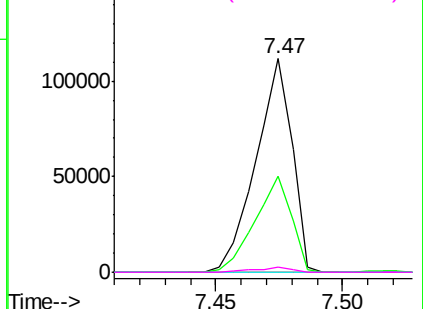


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF098813.D

Acq: 26 Sep 2017 6:10

Tgt Ion: 136 Resp: 567950

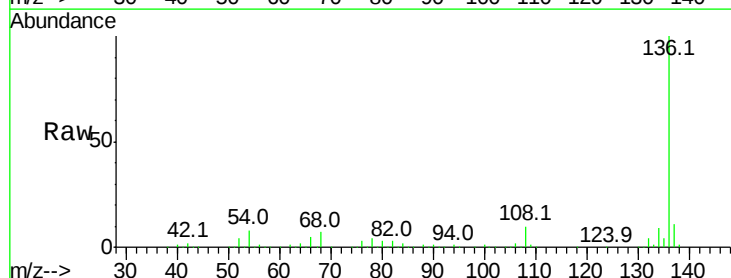
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.2 6.6 9.8

68 6.6 5.0 7.4

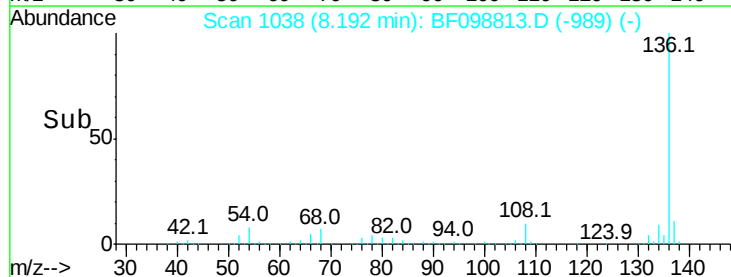
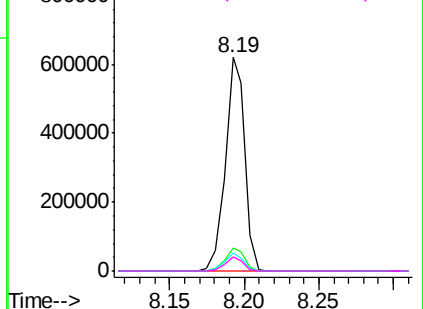


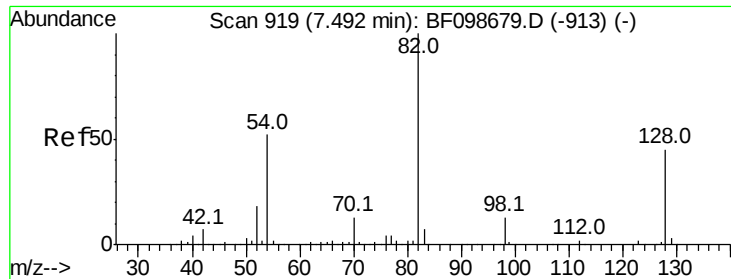
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

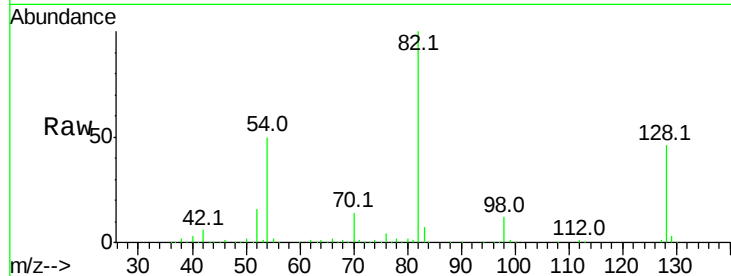




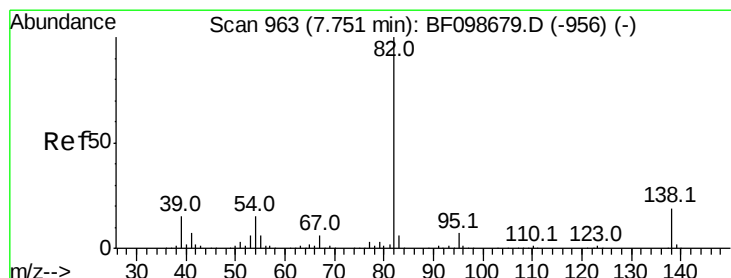
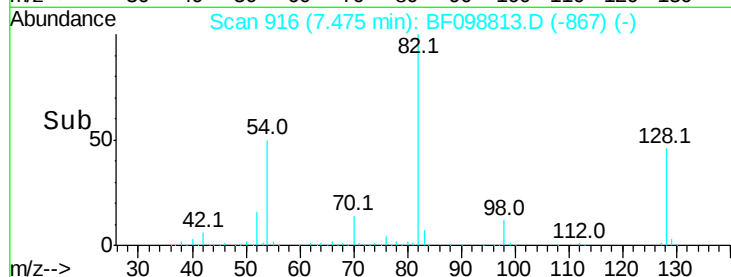
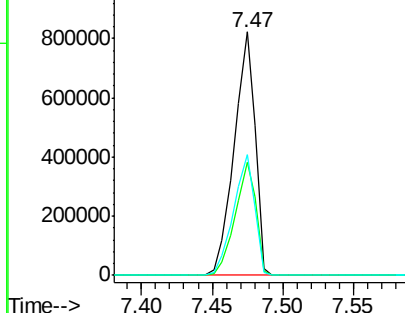
#23
Nitrobenzene-d5
Concen: 95.257 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098813.D
Acq: 26 Sep 2017 6:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 843613
Ion Ratio Lower Upper
82 100
128 46.4 36.1 54.1
54 49.5 41.4 62.2

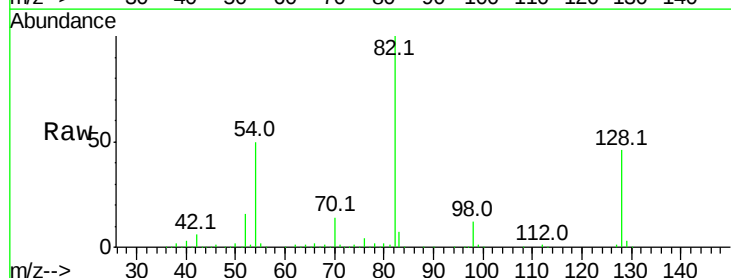


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B

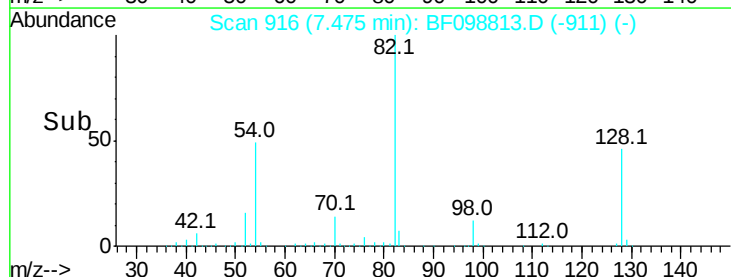
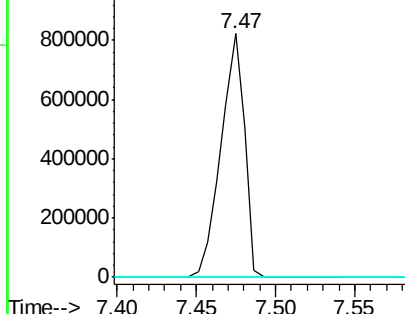


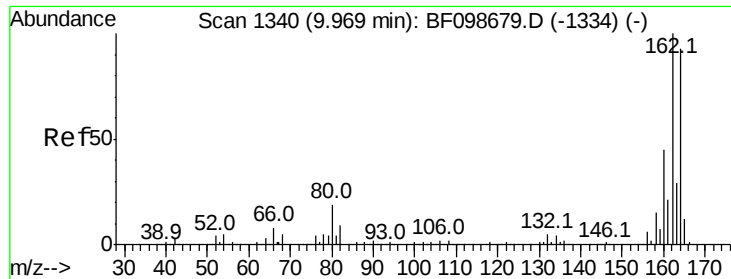
#25
Isophorone
Concen: 46.056 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.27 min
Lab File: BF098813.D
Acq: 26 Sep 2017 6:10

Tgt Ion: 82 Resp: 843302
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): B

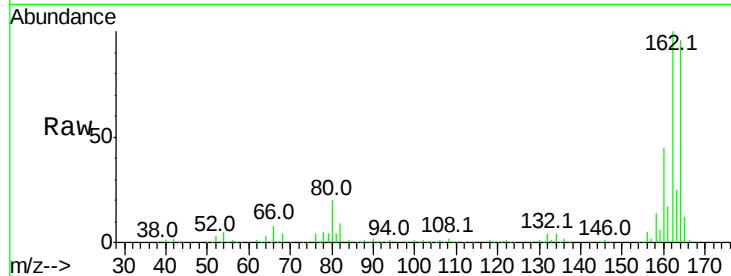




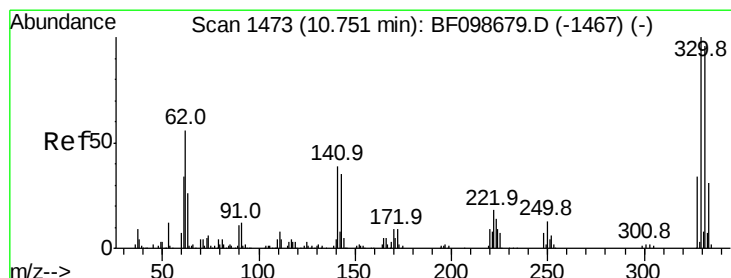
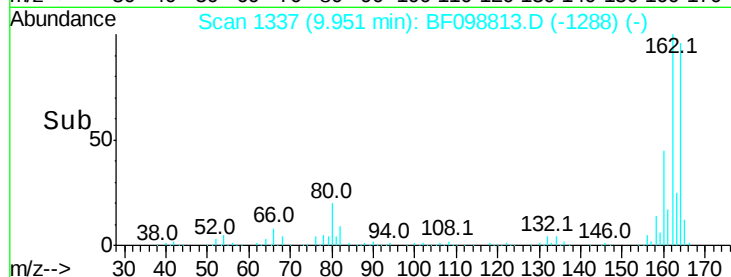
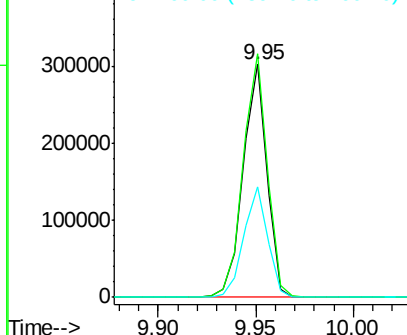
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098813.D
 Acq: 26 Sep 2017 6:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 254171
 Ion Ratio Lower Upper
 164 100
 162 104.6 86.1 129.1
 160 47.2 38.3 57.5

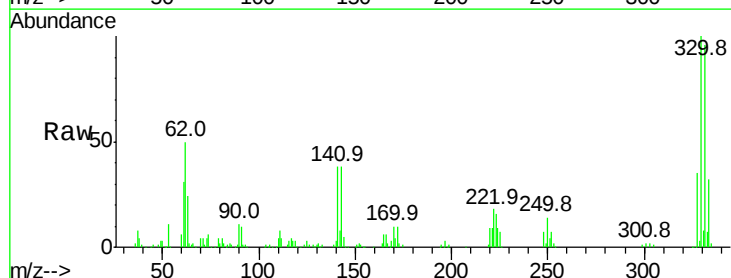


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

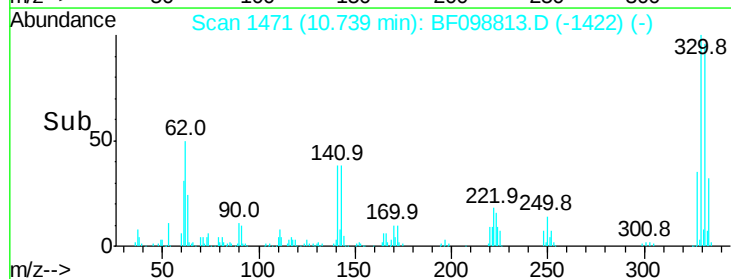
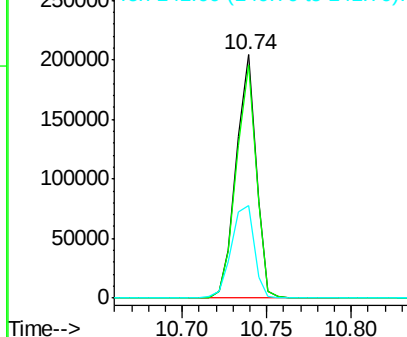


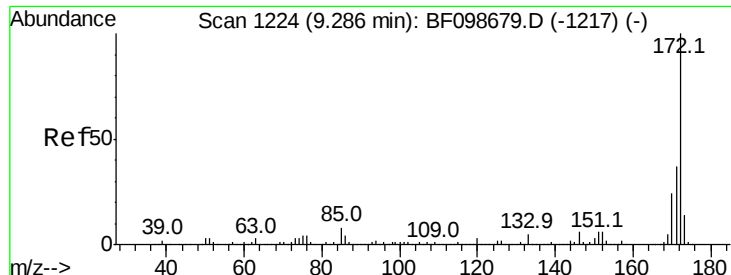
#41
 2,4,6-Tribromophenol
 Concen: 81.192 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098813.D
 Acq: 26 Sep 2017 6:10

Tgt Ion:330 Resp: 168864
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 43.5 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



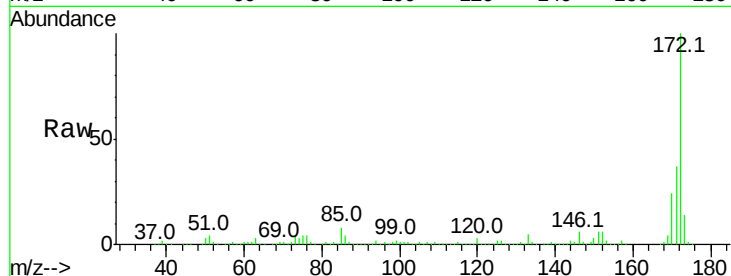


#44
 2-Fluorobiphenyl
 Concen: 99.786 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098813.D
 Acq: 26 Sep 2017 6:10

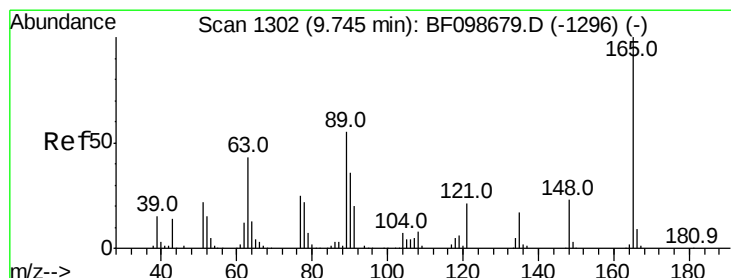
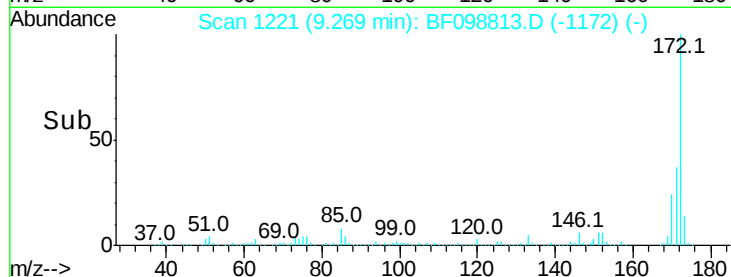
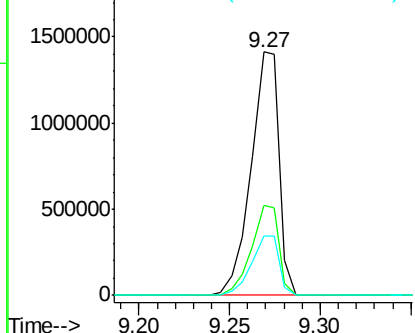
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1519256

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.3	19.6	29.4



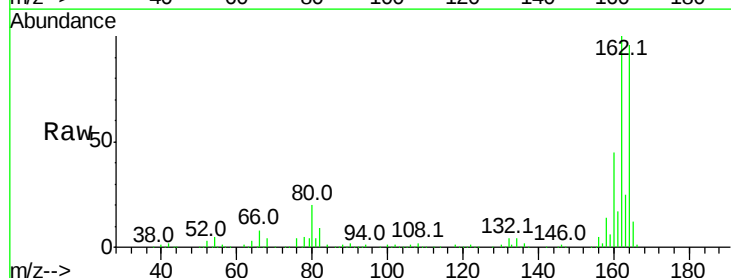
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



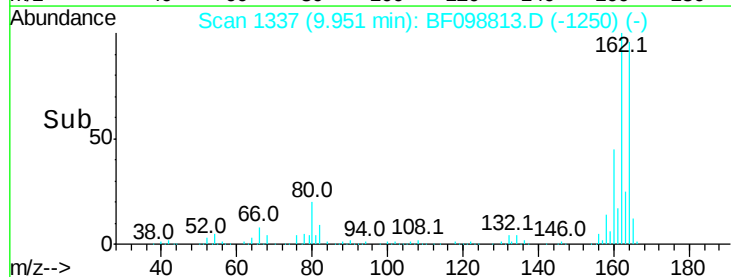
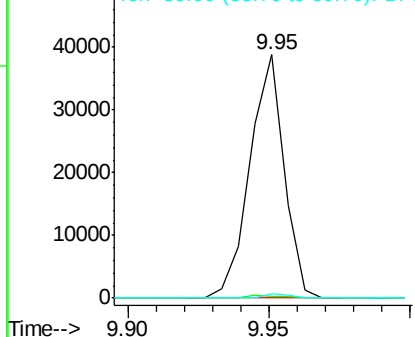
#50
 2,6-Dinitrotoluene
 Concen: 7.811 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.21 min
 Lab File: BF098813.D
 Acq: 26 Sep 2017 6:10

Tgt Ion:165 Resp: 32622

Ion	Ratio	Lower	Upper
165	100		
63	0.8	44.7	67.1#
89	1.7	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

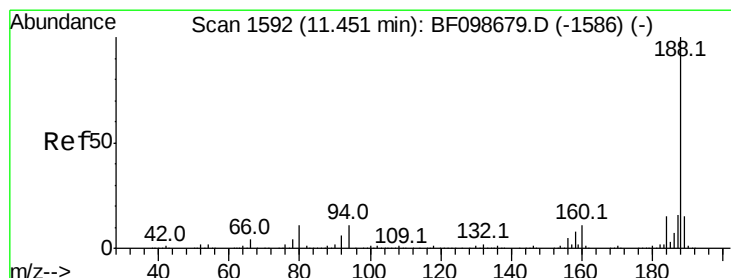
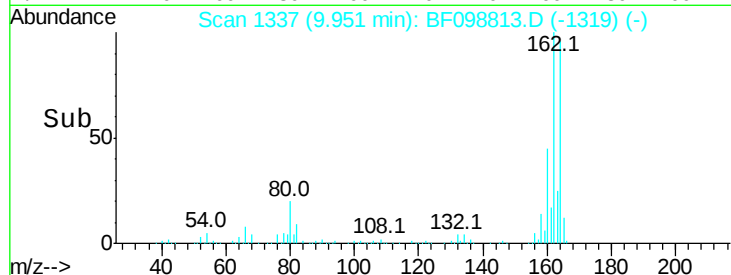
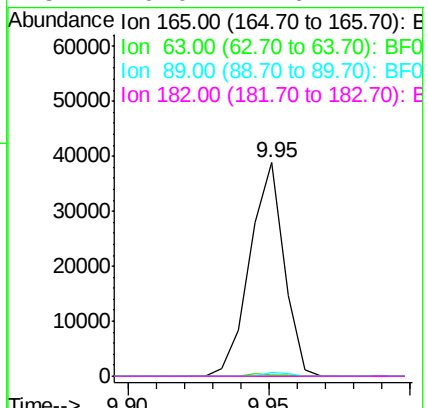
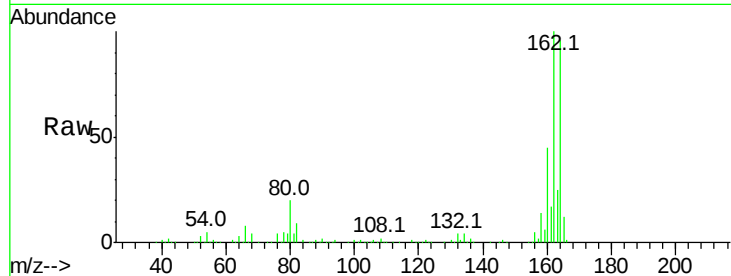




#56
 2,4-Dinitrotoluene
 Concen: 6.019 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098813.D
 Acq: 26 Sep 2017 6:10

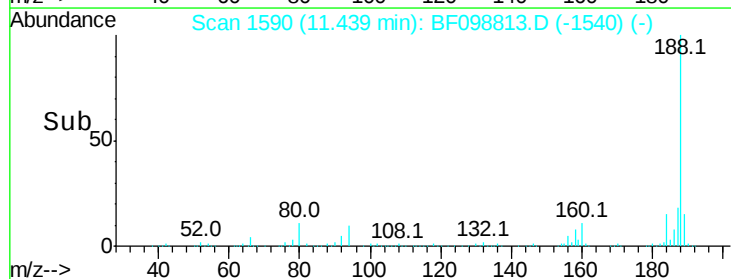
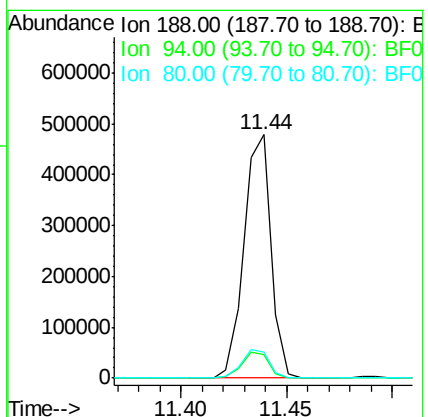
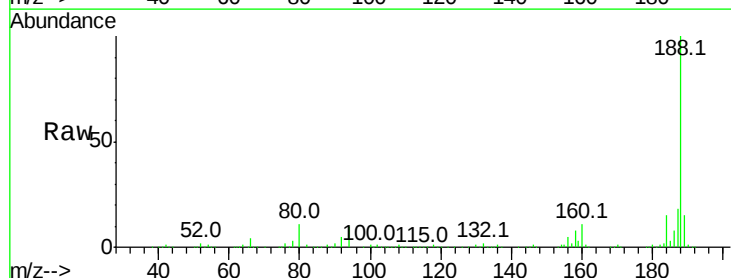
Instrument :
 BNA_F
 ClientSampleId :

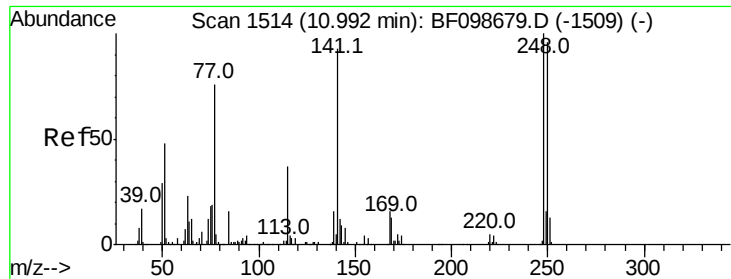
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.8	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF098813.D
 Acq: 26 Sep 2017 6:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.8	9.2	13.8

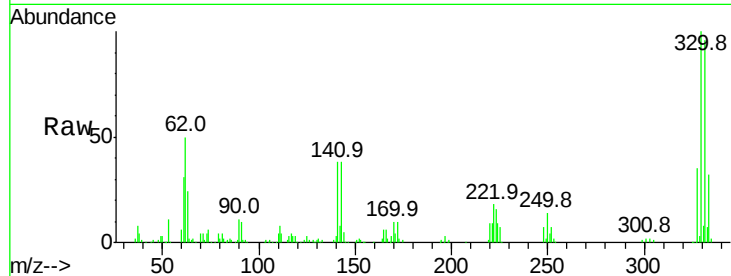




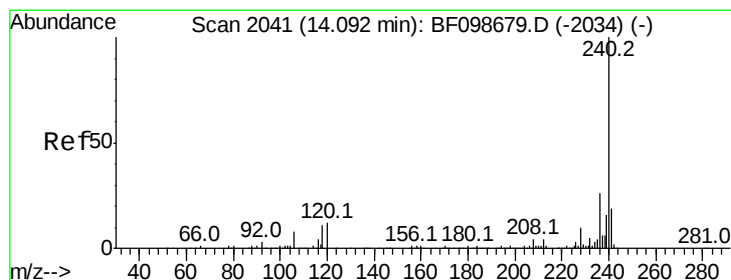
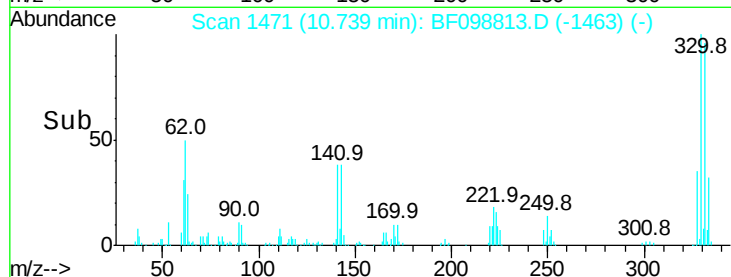
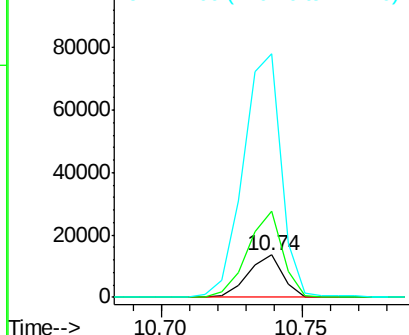
#66
 4-Bromophenyl-phenylether
 Concen: 2.797 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.25 min
 Lab File: BF098813.D
 Acq: 26 Sep 2017 6:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 11614
 Ion Ratio Lower Upper
 248 100
 250 203.8 76.9 115.3#
 141 575.7 74.4 111.6#

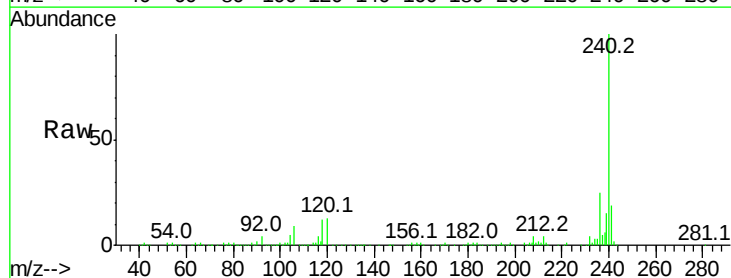


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

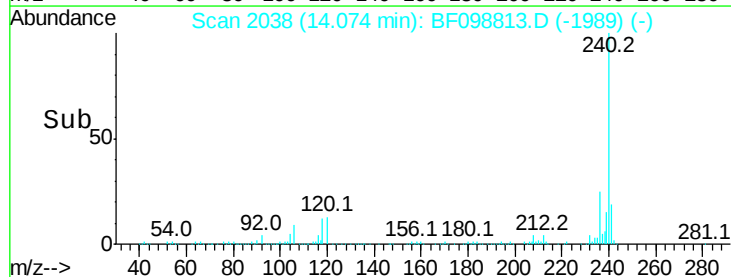
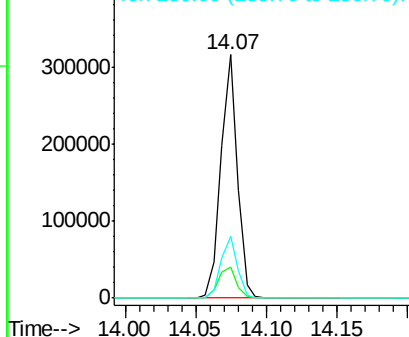


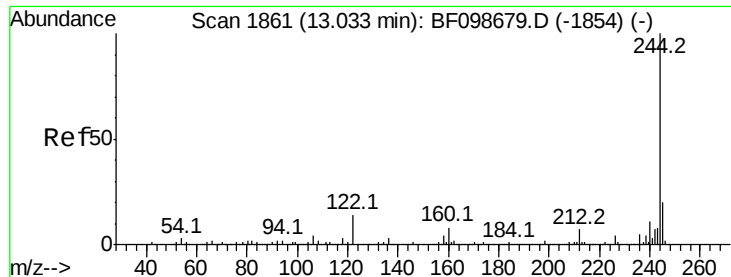
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF098813.D
 Acq: 26 Sep 2017 6:10

Tgt Ion:240 Resp: 257364
 Ion Ratio Lower Upper
 240 100
 120 12.8 9.5 14.3
 236 25.4 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: 95.834 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098813.D

Acq: 26 Sep 2017 6:10

Instrument :

BNA_F

ClientSampled :

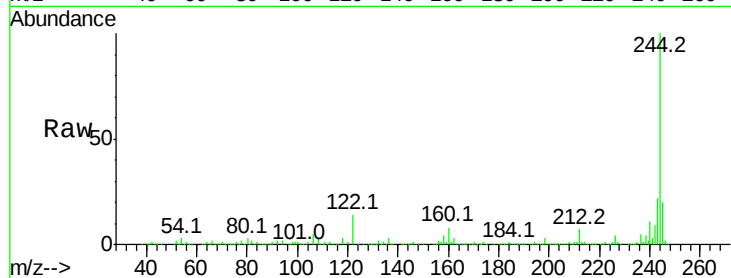
Tot Ion:244 Resp: 1084520

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

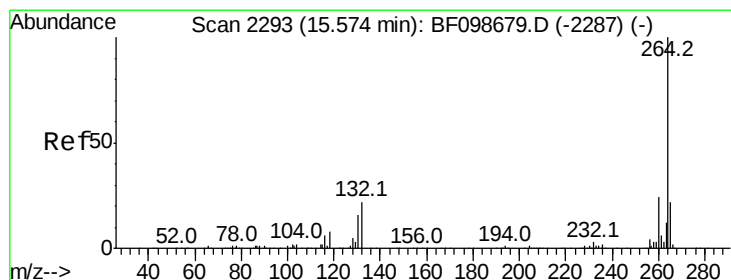
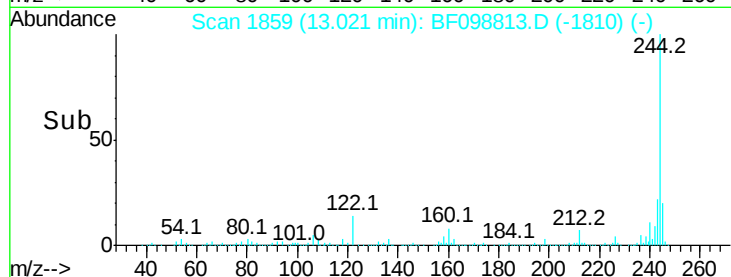
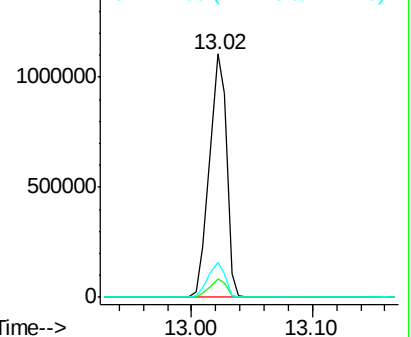
122 14.4 11.0 16.4



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: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF098813.D

Acq: 26 Sep 2017 6:10

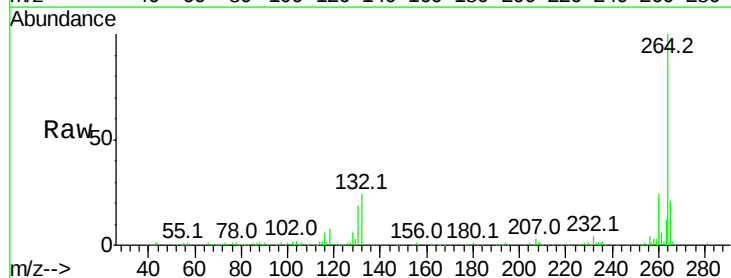
Tgt Ion:264 Resp: 238468

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.4 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

