

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
 Data File : BF098906.D
 Acq On : 28 Sep 2017 14:09
 Operator : SJ/JU
 Sample : I5433-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 29 00:41:16 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

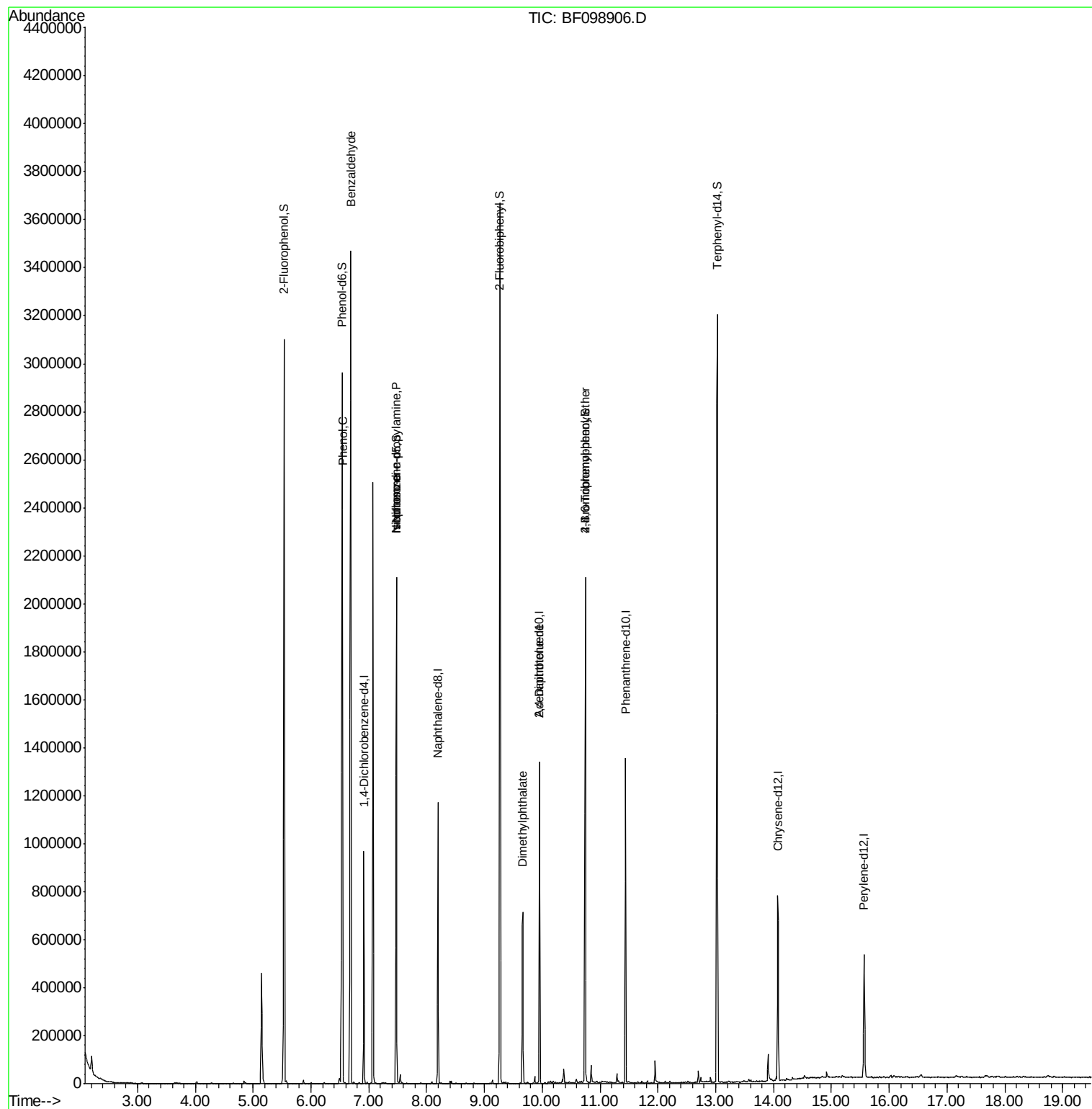
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	129668	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	532333	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	240606	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	424371	20.00	ng	0.00
75) Chrysene-d12	14.07	240	243050	20.00	ng	-0.01
86) Perylene-d12	15.57	264	226604	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	986465	121.11	ng	0.00
7) Phenol-d6	6.54	99	1224284	121.84	ng	0.00
23) Nitrobenzene-d5	7.47	82	741154	89.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	249111	126.53	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1230128	85.35	ng	-0.01
78) Terphenyl-d14	13.03	244	1041917	97.49	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.69	77	20529	3.52	ng	88
10) Phenol	6.55	94	25171	2.24	ng	97
19) n-Nitroso-di-n-propylamine	7.47	70	98250	15.31	ng	# 77
25) Isophorone	7.47	82	739773	43.11	ng	# 64
49) Dimethylphthalate	9.66	163	284614	15.67	ng	99
56) 2,4-Dinitrotoluene	9.95	165	31040	6.05	ng	# 23
66) 4-Bromophenyl-phenylether	10.75	248	17324	4.17	ng	# 1

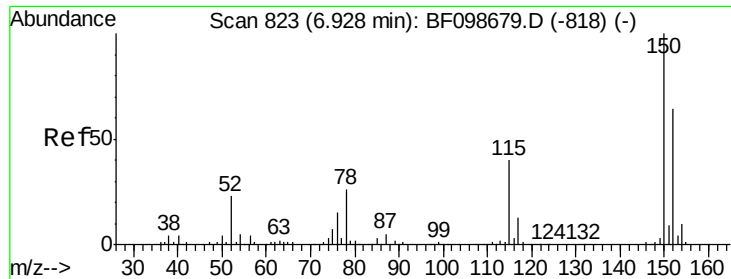
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098906.D
Acq On : 28 Sep 2017 14:09
Operator : SJ/JU
Sample : I5433-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 29 00:41:16 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



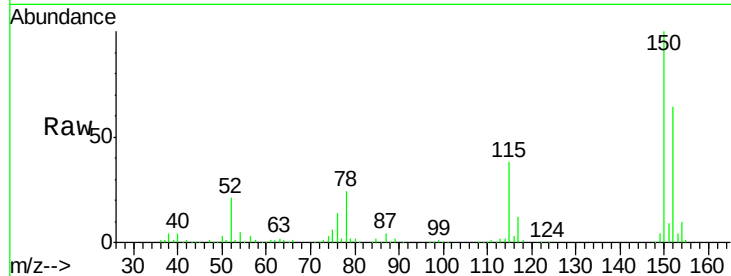


#1

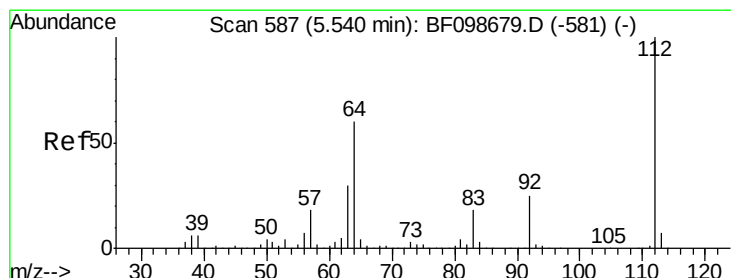
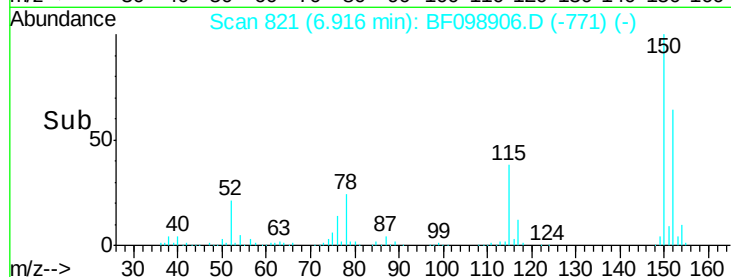
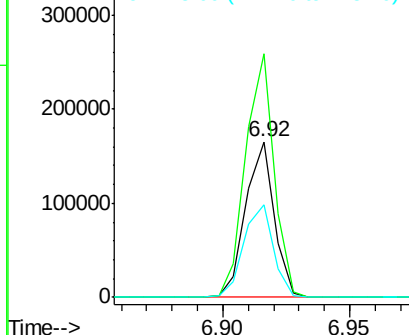
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098906.D
Acq: 28 Sep 2017 14:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 129668
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 59.5 50.1 75.1



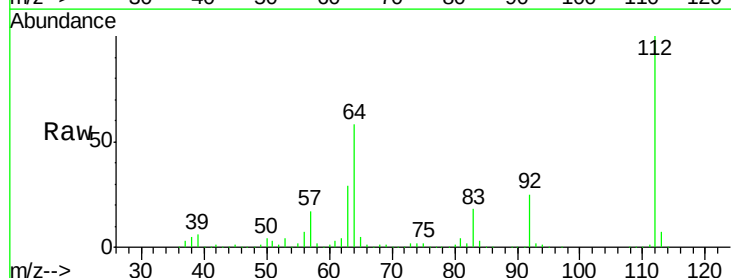
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



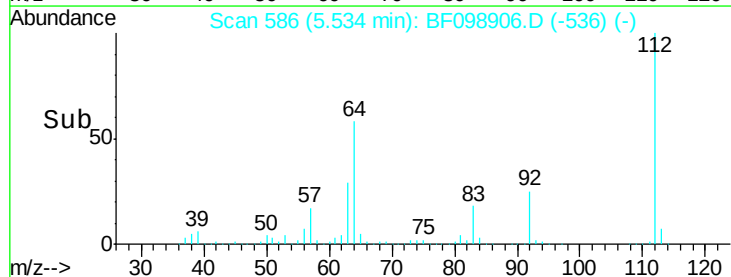
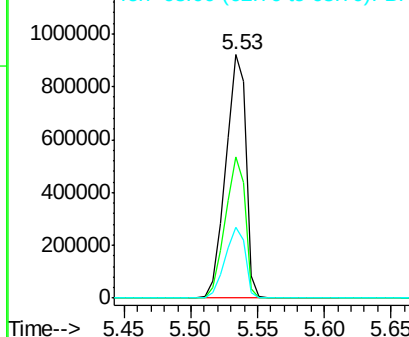
#5

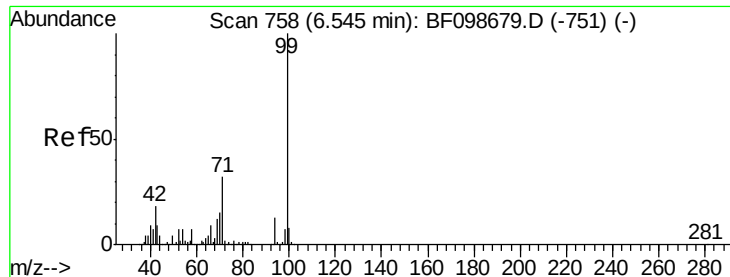
2-Fluorophenol
Concen: 121.11 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098906.D
Acq: 28 Sep 2017 14:09

Tgt Ion:112 Resp: 986465
Ion Ratio Lower Upper
112 100
64 58.1 47.9 71.9
63 29.1 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: 121.84 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098906.D

Acq: 28 Sep 2017 14:09

Instrument :

BNA_F

ClientSampled :

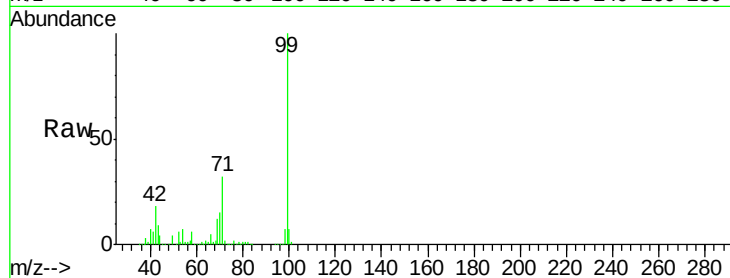
Tot Ion: 99 Resp: 1224284

Ion Ratio Lower Upper

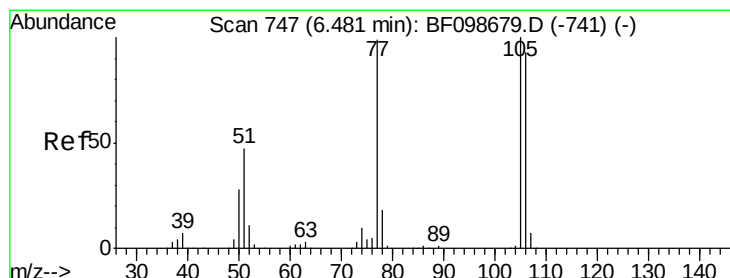
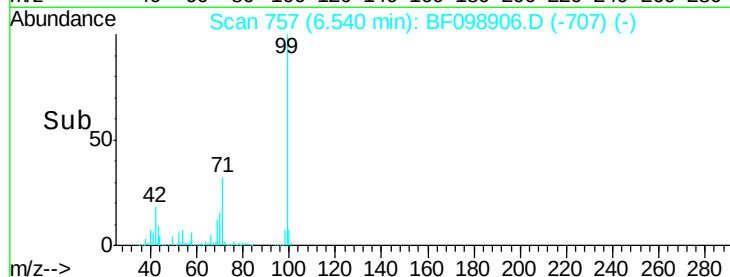
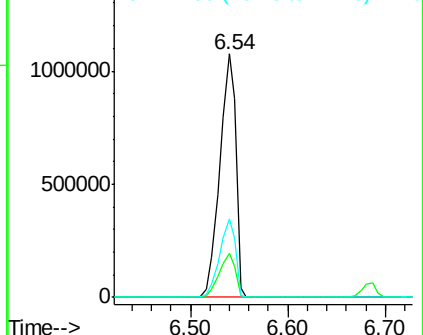
99 100

42 18.1 14.5 21.7

71 32.4 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: 3.52 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.21 min

Lab File: BF098906.D

Acq: 28 Sep 2017 14:09

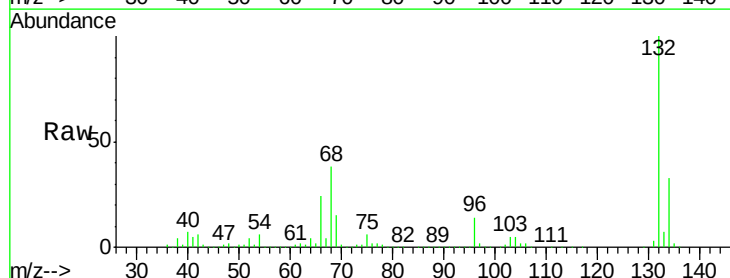
Tgt Ion: 77 Resp: 20529

Ion Ratio Lower Upper

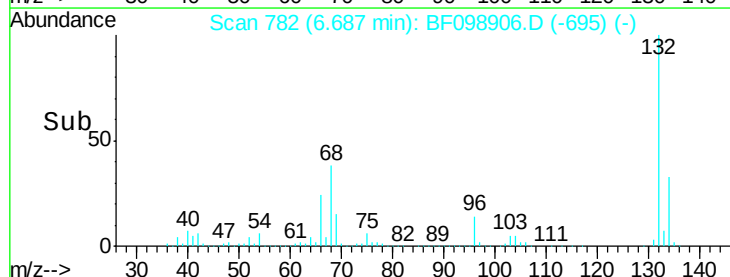
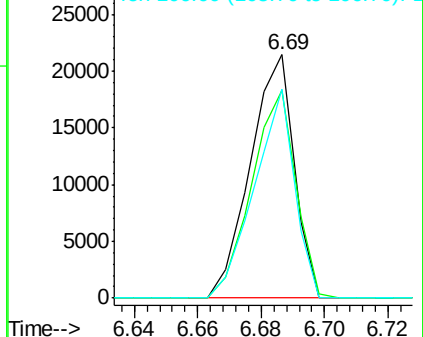
77 100

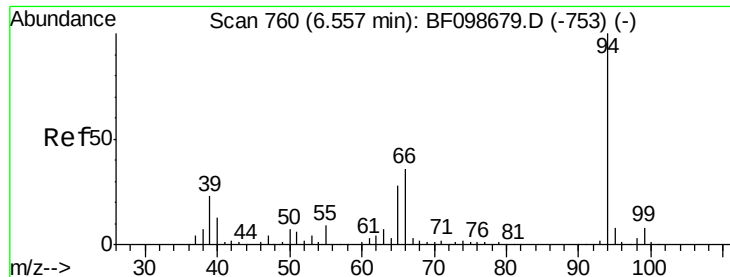
105 85.3 81.1 121.1

106 85.9 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





#10

Phenol

Concen: 2.24 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF098906.D

Acq: 28 Sep 2017 14:09

Instrument :

BNA_F

ClientSampleId :

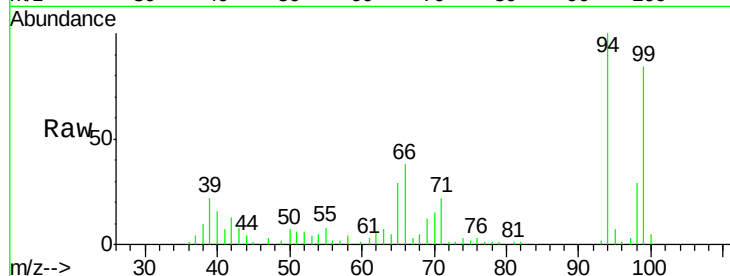
Tot Ion: 94 Resp: 25171

Ion Ratio Lower Upper

94 100

65 28.9 7.9 47.9

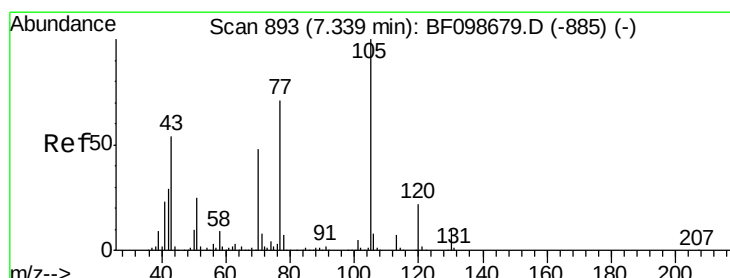
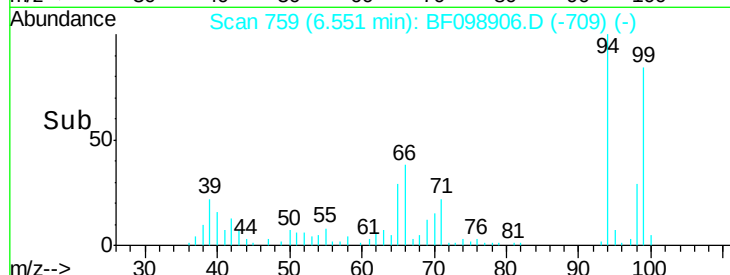
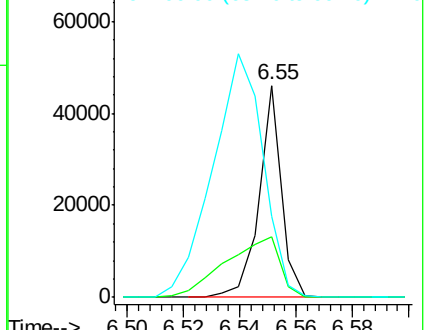
66 38.2 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 15.31 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.14 min

Lab File: BF098906.D

Acq: 28 Sep 2017 14:09

Tgt Ion: 70 Resp: 98250

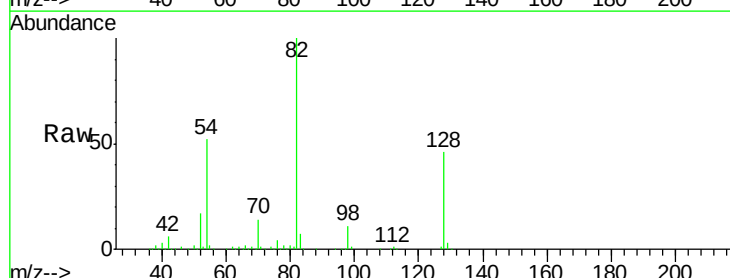
Ion Ratio Lower Upper

70 100

42 46.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

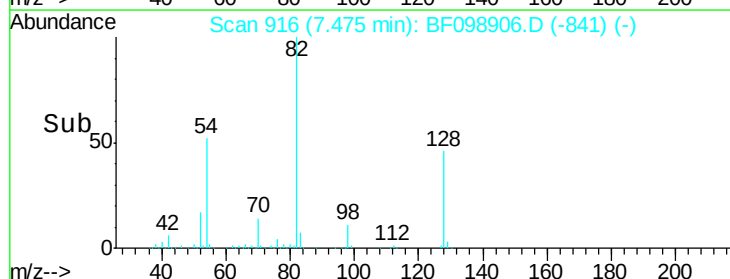
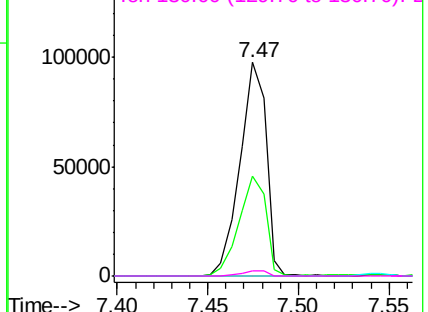


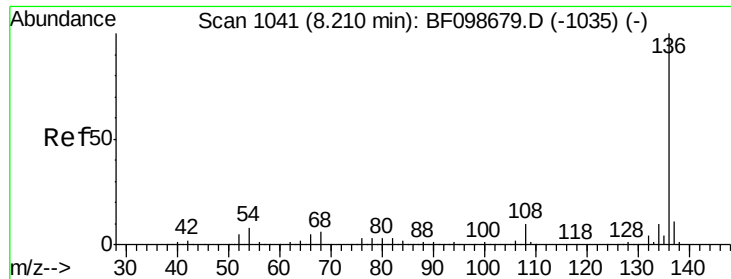
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

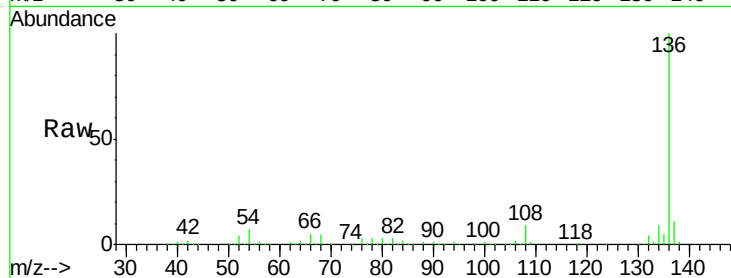




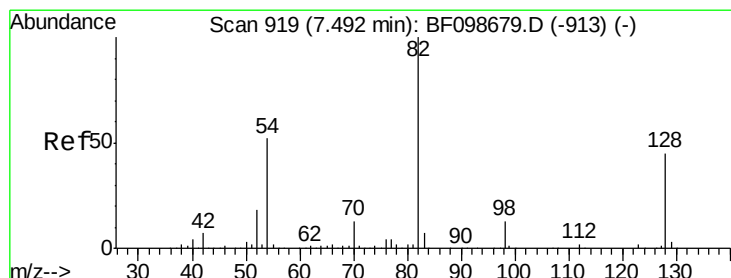
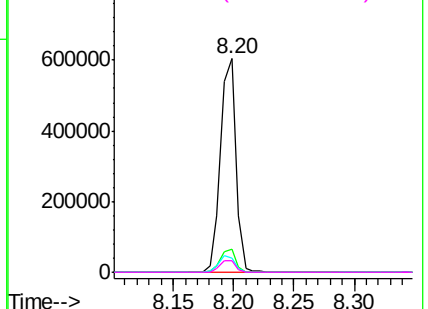
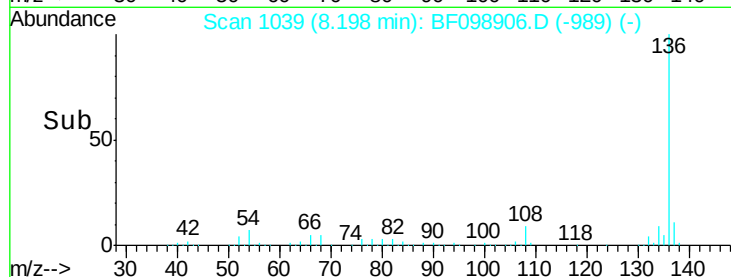
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098906.D
Acq: 28 Sep 2017 14:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	532333
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	6.8	6.6 9.8
68	5.4	5.0 7.4

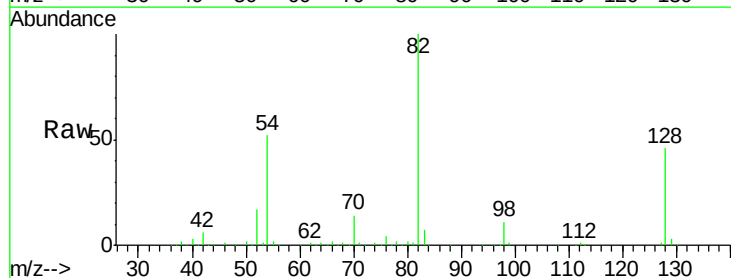


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

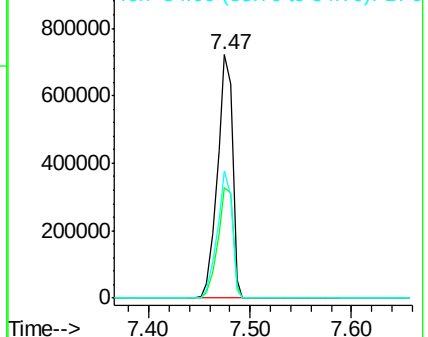
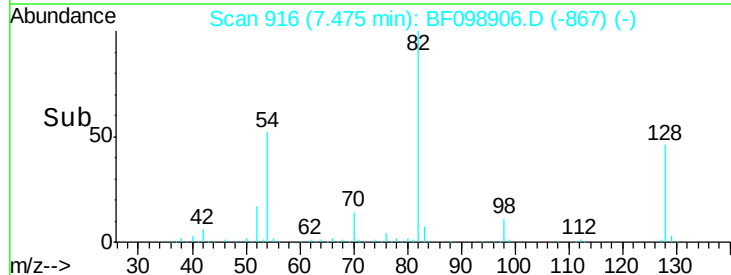


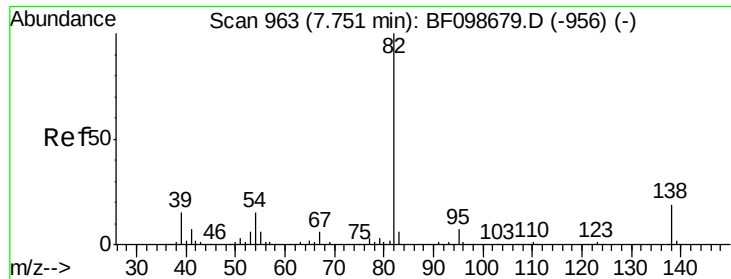
#23
Nitrobenzene-d5
Concen: 89.29 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098906.D
Acq: 28 Sep 2017 14:09

Tgt Ion: 82	Resp:	741154
Ion Ratio	Lower	Upper
82	100	
128	45.6	36.1 54.1
54	52.3	41.4 62.2



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





#25

Isophorone

Concen: 43.11 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.27 min

Lab File: BF098906.D

Acq: 28 Sep 2017 14:09

Instrument :

BNA_F

ClientSampleId :

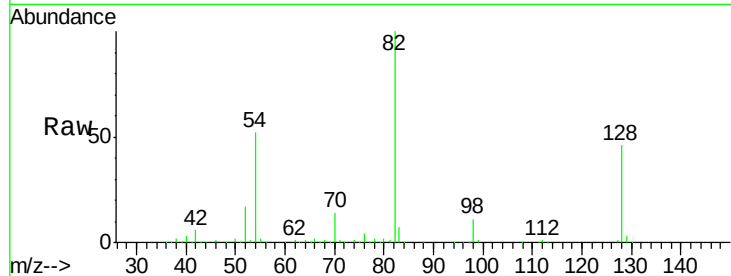
Tot Ion: 82 Resp: 739773

Ion Ratio Lower Upper

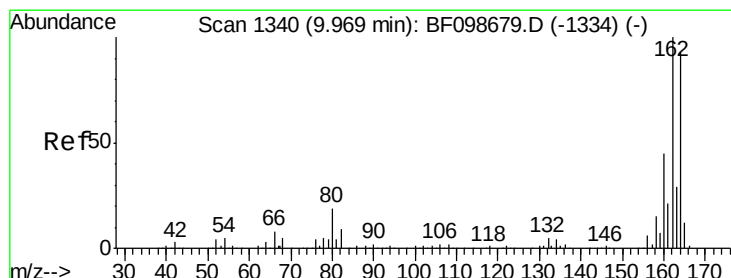
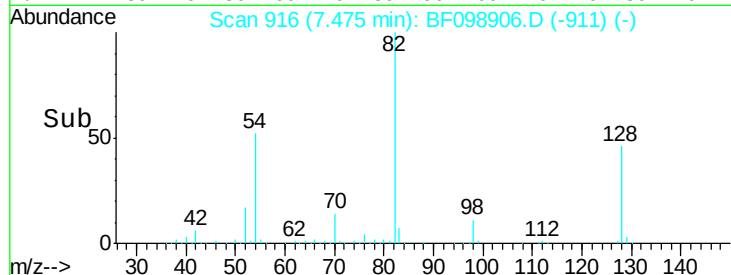
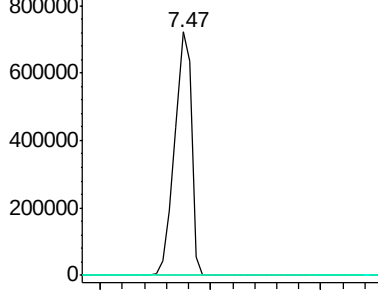
82 100

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: BF098906.D

Acq: 28 Sep 2017 14:09

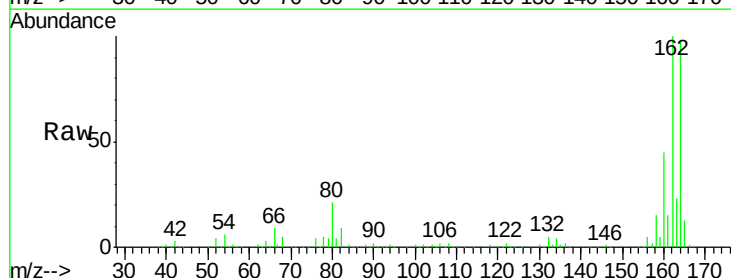
Tgt Ion:164 Resp: 240606

Ion Ratio Lower Upper

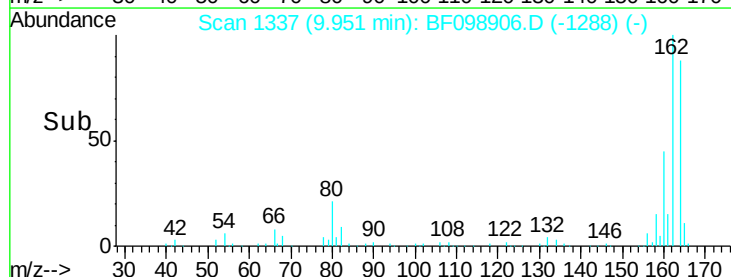
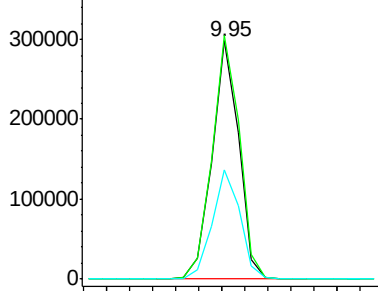
164 100

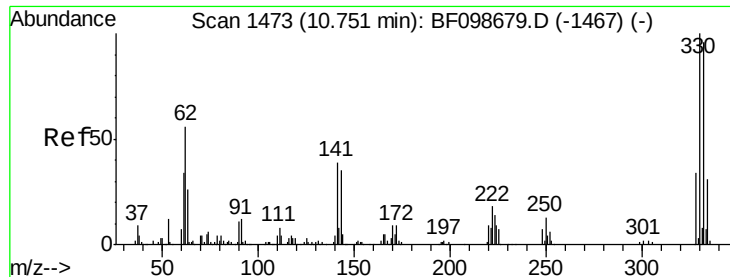
162 102.3 86.1 129.1

160 45.7 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

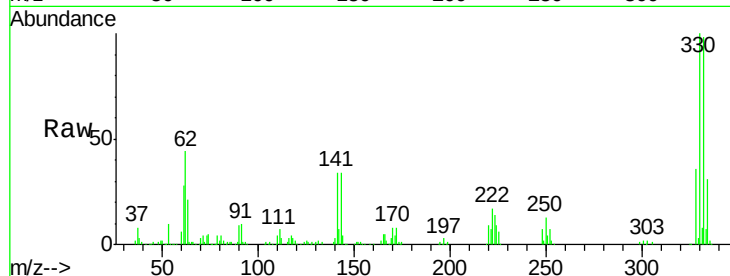




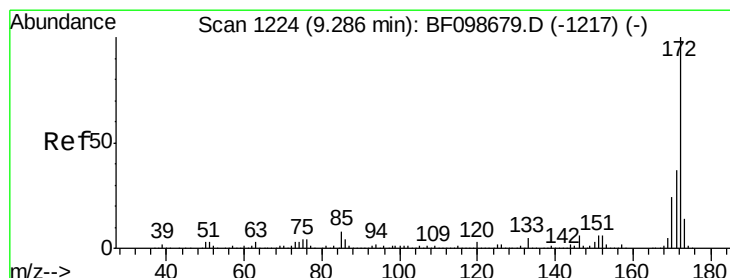
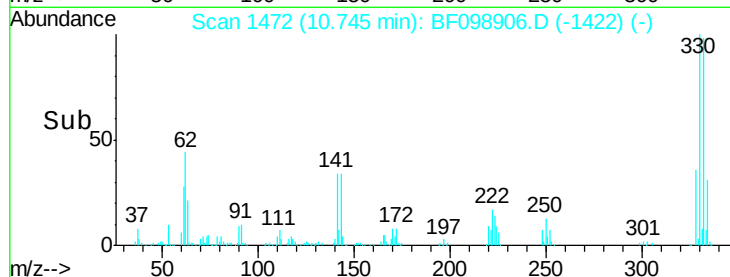
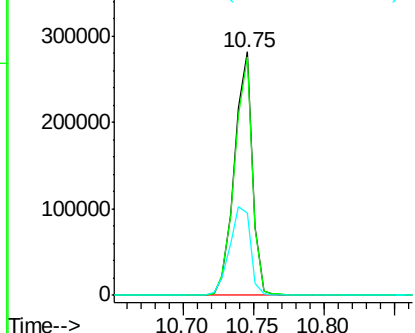
#41
 2,4,6-Tribromophenol
 Concen: 126.53 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098906.D
 Acq: 28 Sep 2017 14:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	42.6	29.9	44.9

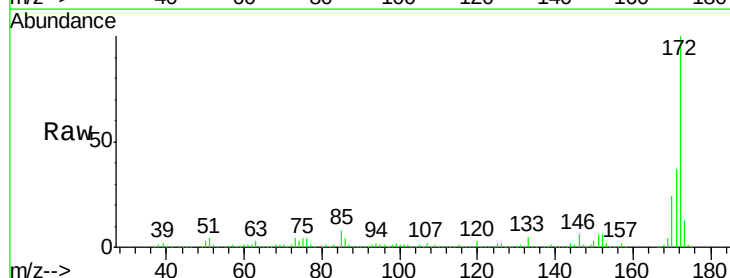


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

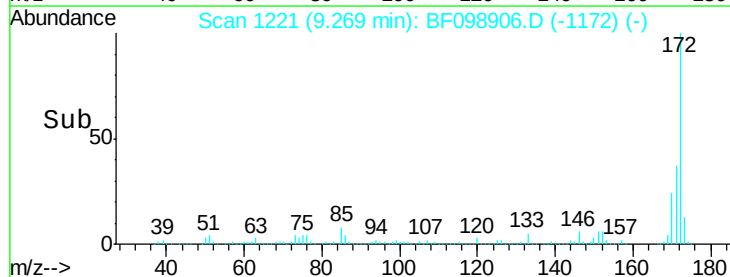
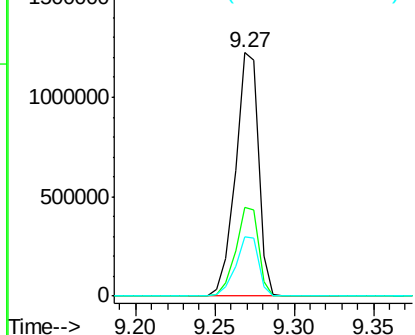


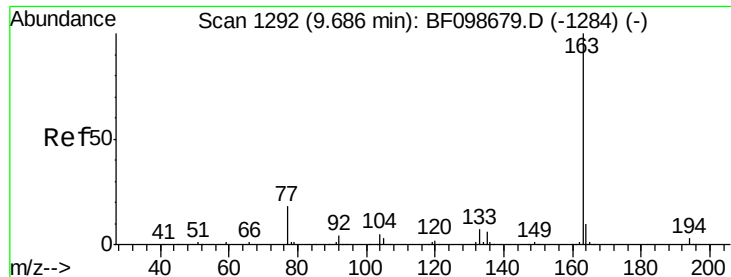
#44
 2-Fluorobiphenyl
 Concen: 85.35 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098906.D
 Acq: 28 Sep 2017 14:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	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





#49

Dimethylphthalate

Concen: 15.67 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.02 min

Lab File: BF098906.D

Acq: 28 Sep 2017 14:09

Instrument :

BNA_F

ClientSampleId :

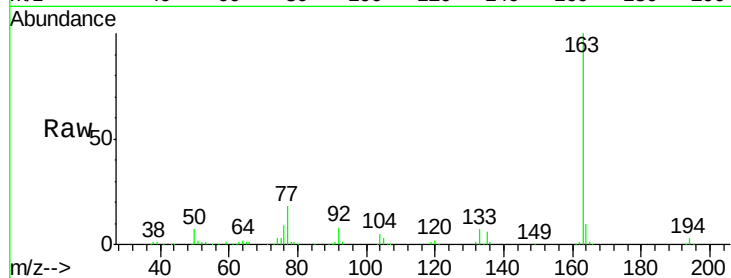
Tot Ion:163 Resp: 284614

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

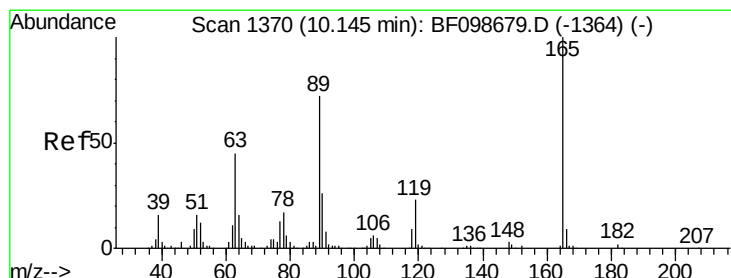
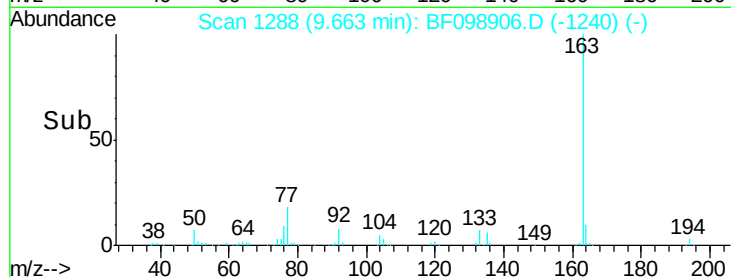
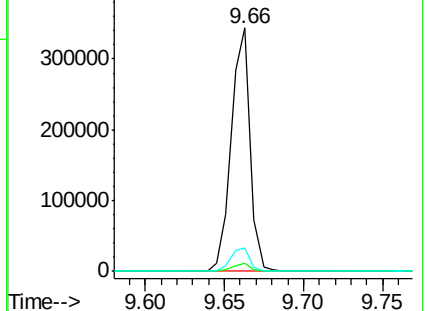
164 9.8 8.2 12.2



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: 6.05 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.19 min

Lab File: BF098906.D

Acq: 28 Sep 2017 14:09

Tgt Ion:165 Resp: 31040

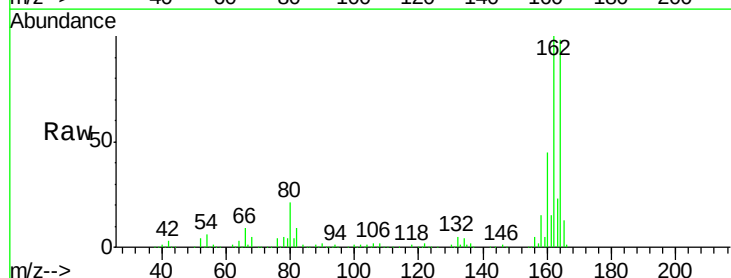
Ion Ratio Lower Upper

165 100

63 1.0 36.4 54.6#

89 1.3 57.8 86.6#

182 0.0 1.6 2.4#

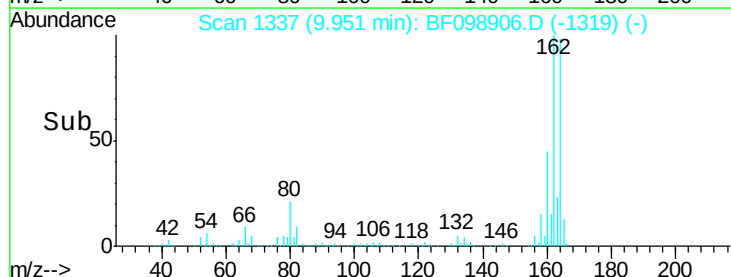
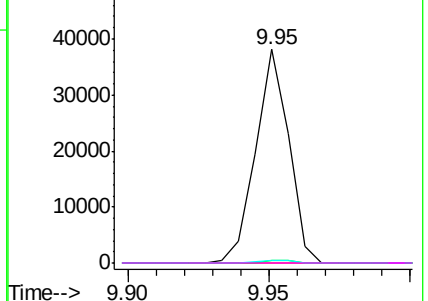


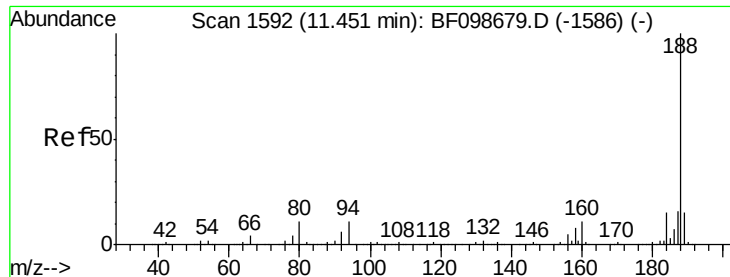
Abundance Ion 165.00 (164.70 to 165.70): E

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

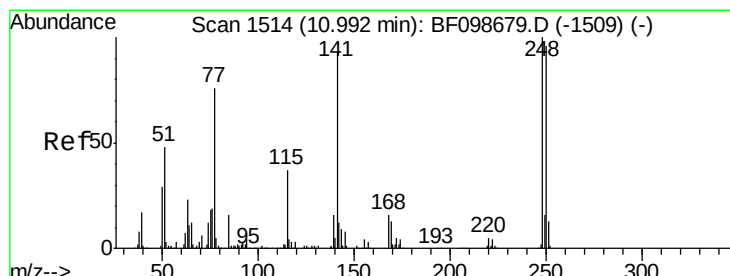
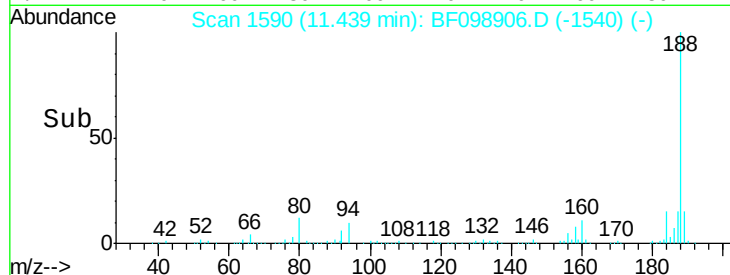
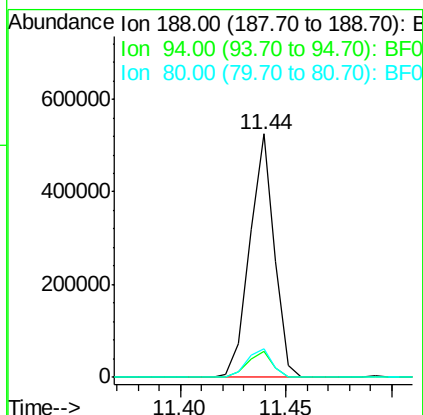
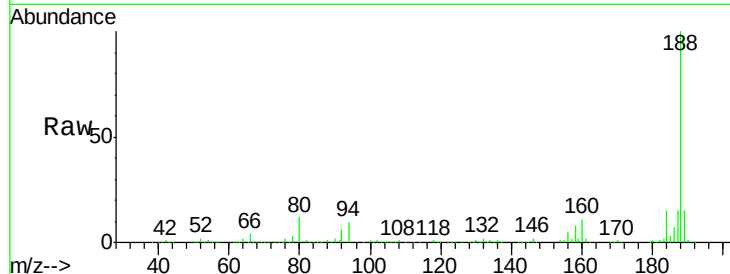




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098906.D
Acq: 28 Sep 2017 14:09

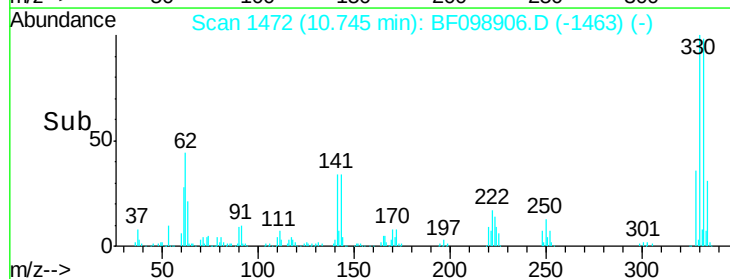
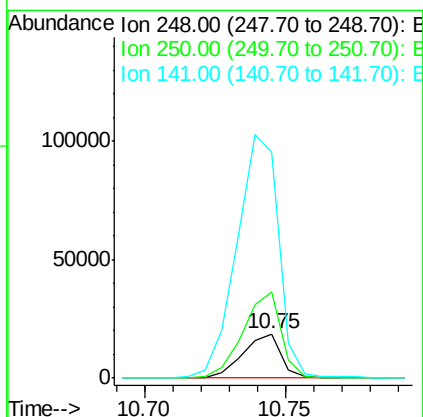
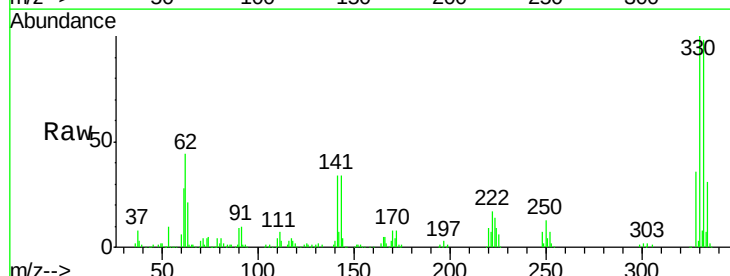
Instrument :
BNA_F
ClientSampleId :

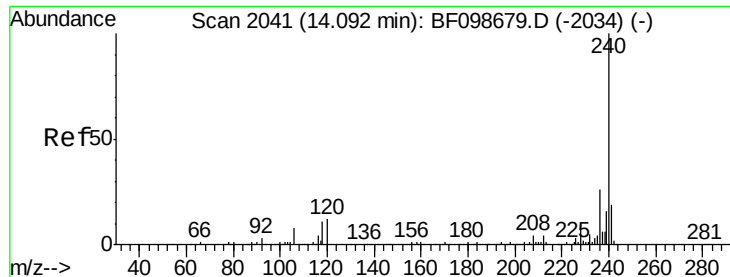
Tot Ion:188 Resp: 424371
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.7 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 4.17 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.25 min
Lab File: BF098906.D
Acq: 28 Sep 2017 14:09

Tgt Ion:248 Resp: 17324
Ion Ratio Lower Upper
248 100
250 193.9 76.9 115.3#
141 510.3 74.4 111.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF098906.D

Acq: 28 Sep 2017 14:09

Instrument :

BNA_F

ClientSampleId :

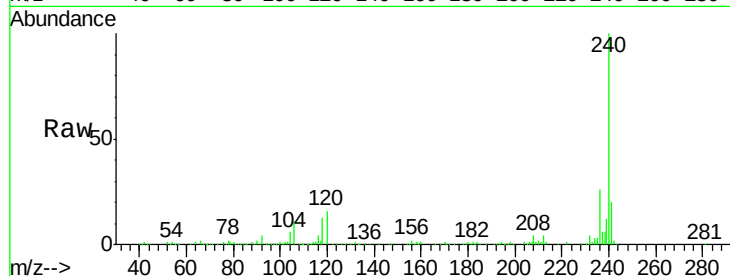
Tot Ion:240 Resp: 243050

Ion Ratio Lower Upper

240 100

120 15.7 9.5 14.3#

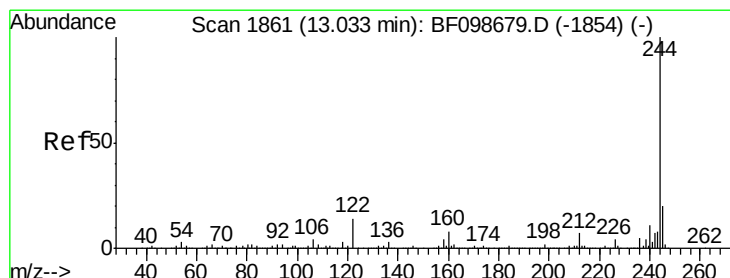
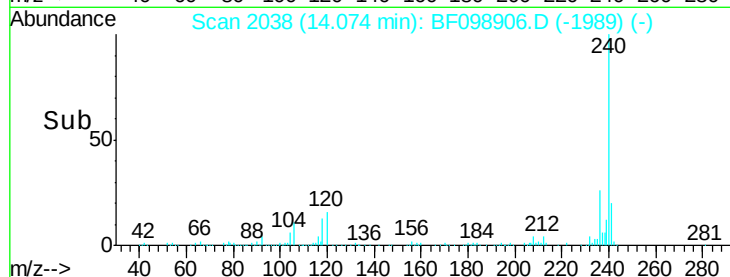
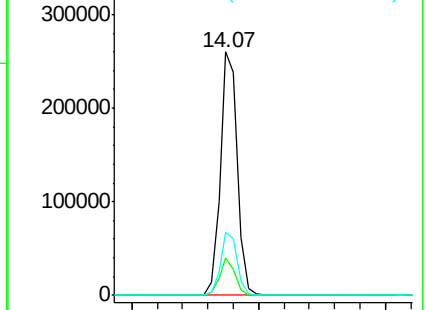
236 26.1 20.7 31.1



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: 97.49 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098906.D

Acq: 28 Sep 2017 14:09

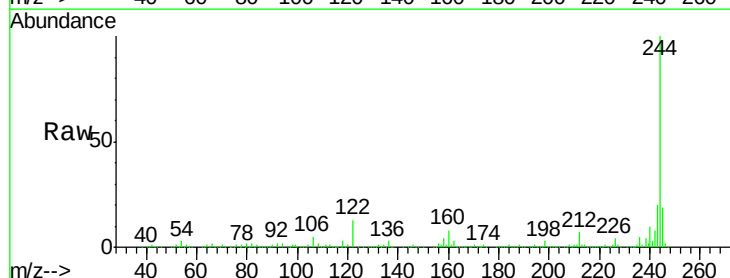
Tgt Ion:244 Resp: 1041917

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

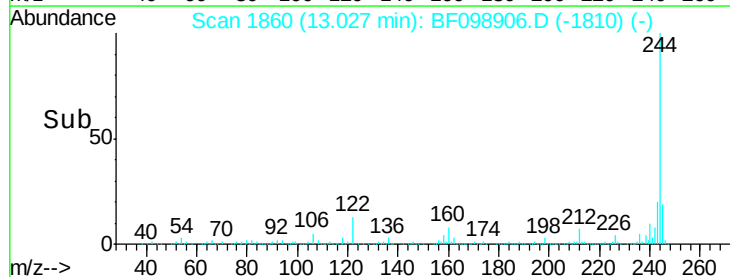
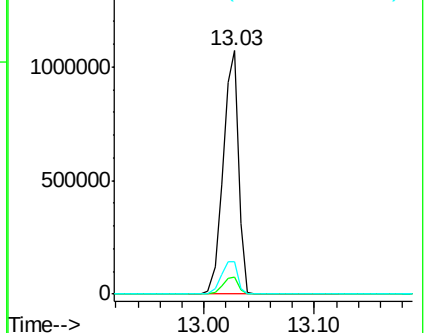
122 13.2 11.0 16.4

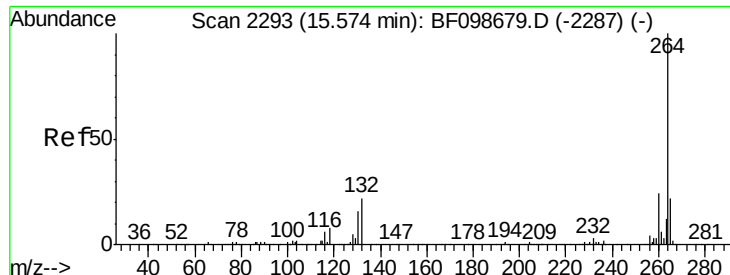


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

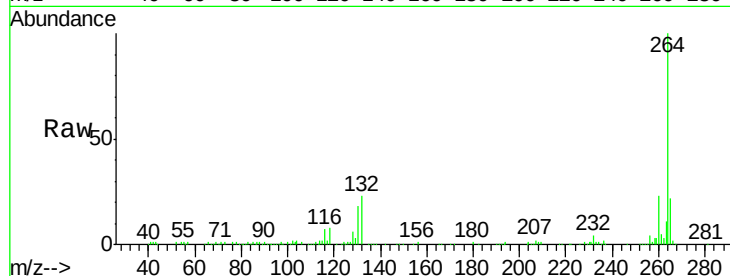




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BF098906.D
 Acq: 28 Sep 2017 14:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.7	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

