

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
 Data File : BF098661.D
 Acq On : 20 Sep 2017 15:45
 Operator : SJ/JU
 Sample : I5281-09 100X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 21 05:19:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

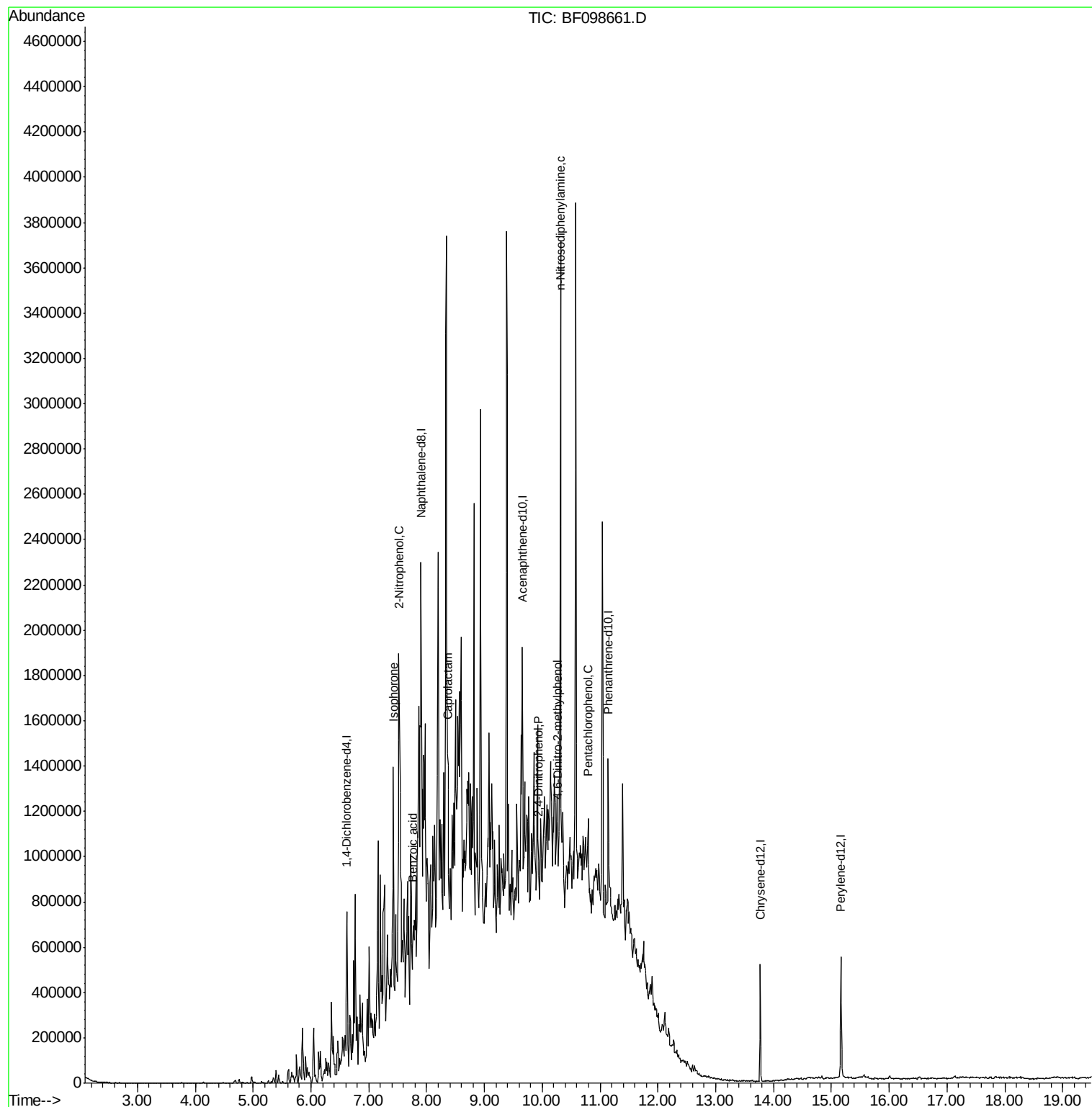
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	104443	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	384839	20.00	ng	-0.02
38) Acenaphthene-d10	9.66	164	165929	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	222322	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	175112	20.00	ng	-0.02
86) Perylene-d12	15.17	264	219082	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.97	112	259	0.04	ng	-0.26
7) Phenol-d6	6.29	99	298	0.03	ng	0.00
23) Nitrobenzene-d5	7.20	82	5309	0.77	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.00	172	677	0.07	ng	0.00
78) Terphenyl-d14	0.00	244	0	0.00	ng	
Target Compounds						
25) Isophorone	7.43	82	37513	2.69	ng	# 1
26) 2-Nitrophenol	7.53	139	9174	2.89	ng	# 1
32) Benzoic acid	7.76	122	386	8.05	ng	# 1
35) Caprolactam	8.37	113	11060	6.37	ng	# 1
53) 2,4-Dinitrophenol	9.94	184	2131	10.05	ng	90
64) 4,6-Dinitro-2-methylphenol	10.27	198	880	5.54	ng	# 1
65) n-Nitrosodiphenylamine	10.32	169	41175	5.70	ng	# 46
69) Pentachlorophenol	10.78	266	389	7.31	ng	# 18

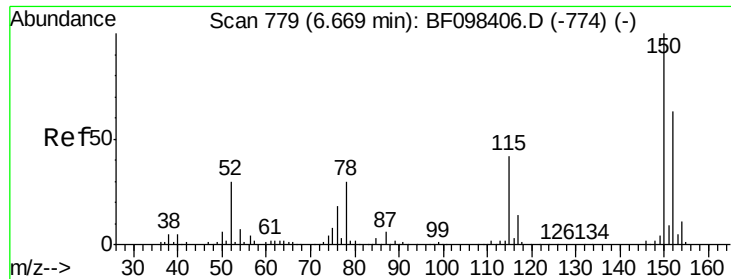
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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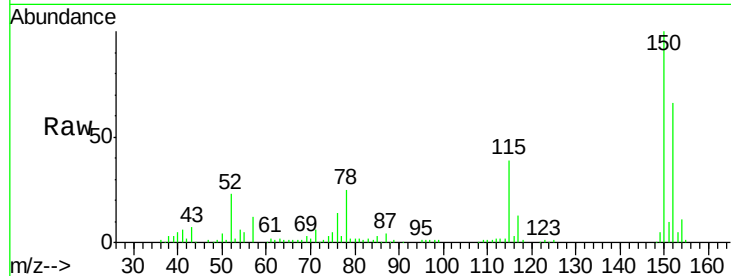


#1

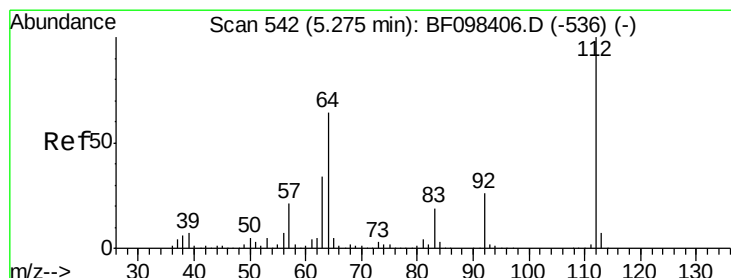
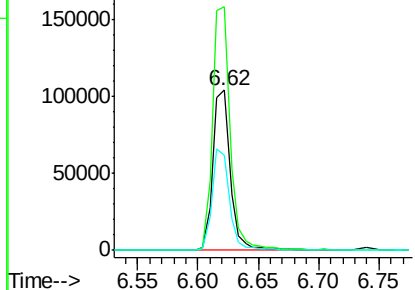
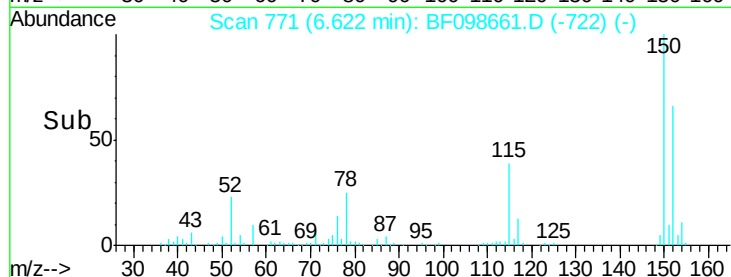
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF098661.D
Acq: 20 Sep 2017 15:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 104443
Ion Ratio Lower Upper
152 100
150 151.8 126.2 189.2
115 59.4 52.2 78.2



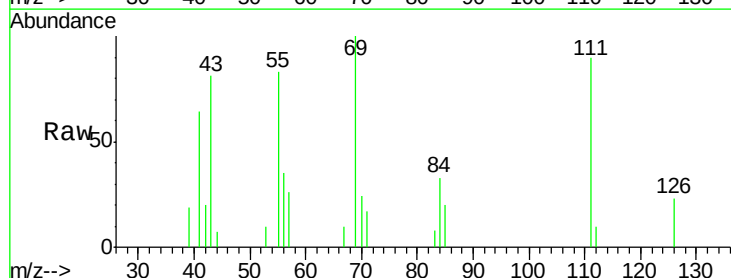
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



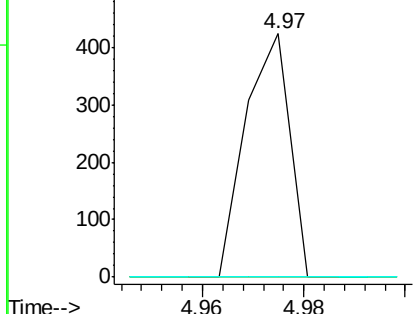
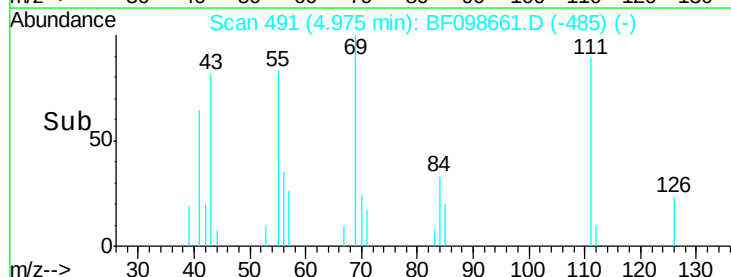
#5

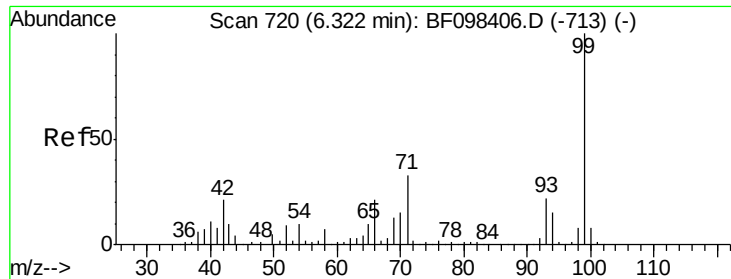
2-Fluorophenol
Concen: 0.04 ng
RT: 4.97 min Scan# 491
Delta R.T. -0.26 min
Lab File: BF098661.D
Acq: 20 Sep 2017 15:45

Tgt Ion:112 Resp: 259
Ion Ratio Lower Upper
112 100
64 0.0 46.0 69.0#
63 0.0 23.4 35.0#



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: 0.03 ng

RT: 6.29 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF098661.D

Acq: 20 Sep 2017 15:45

Instrument :

BNA_F

ClientSampled :

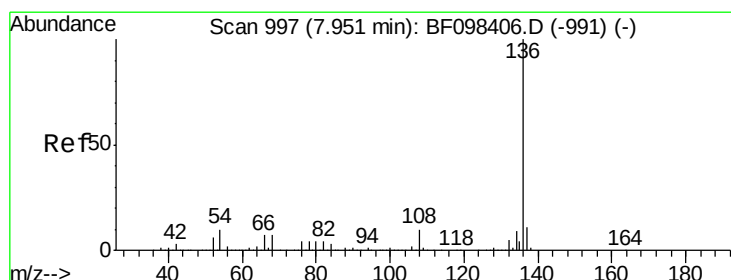
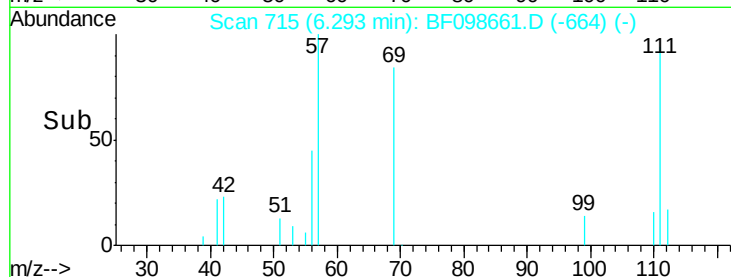
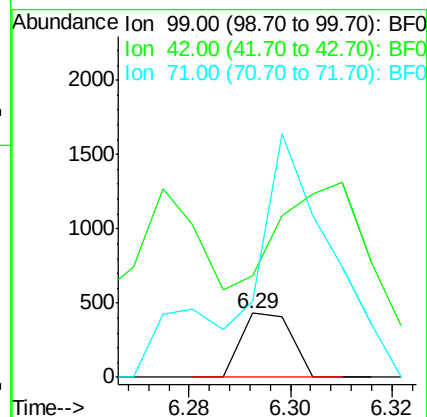
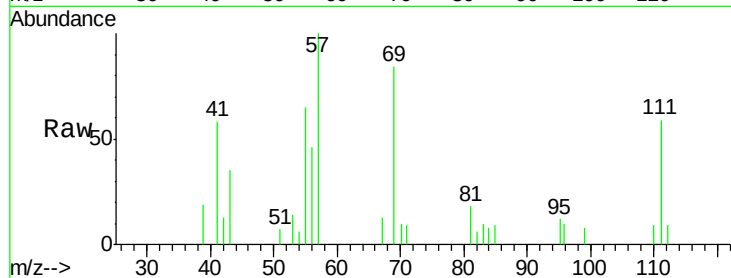
Tot Ion: 99 Resp: 298

Ion Ratio Lower Upper

99 100

42 158.7 13.5 20.3#

71 118.1 24.5 36.7#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.02 min

Lab File: BF098661.D

Acq: 20 Sep 2017 15:45

Tgt Ion: 136 Resp: 384839

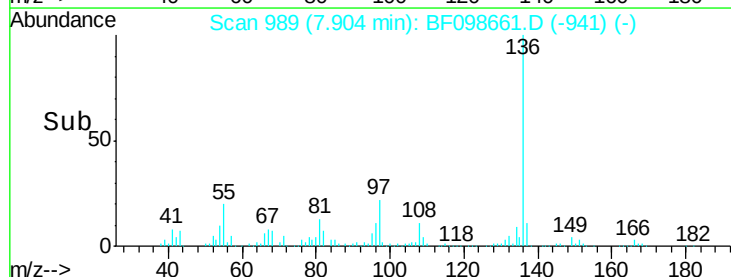
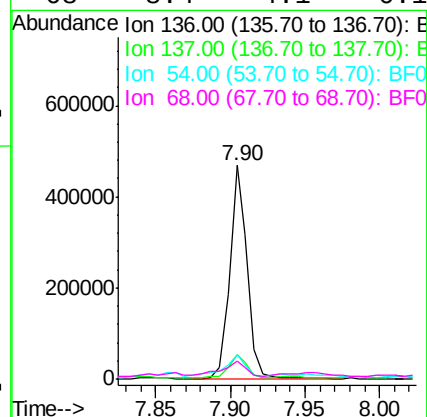
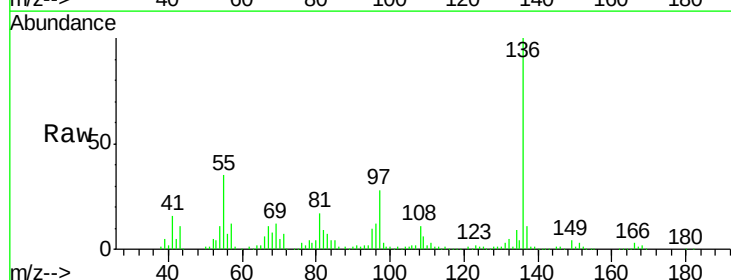
Ion Ratio Lower Upper

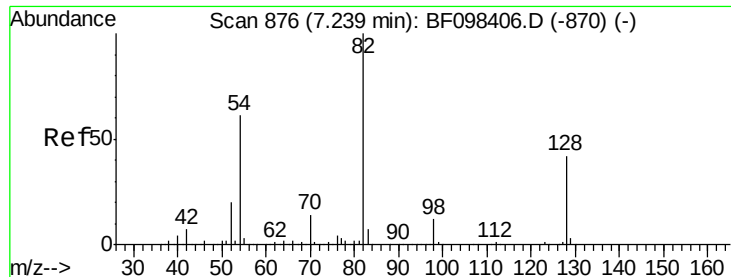
136 100

137 11.2 8.5 12.7

54 11.4 4.9 7.3#

68 8.4 4.1 6.1#

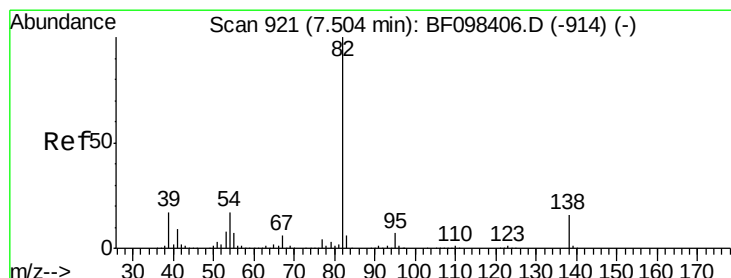
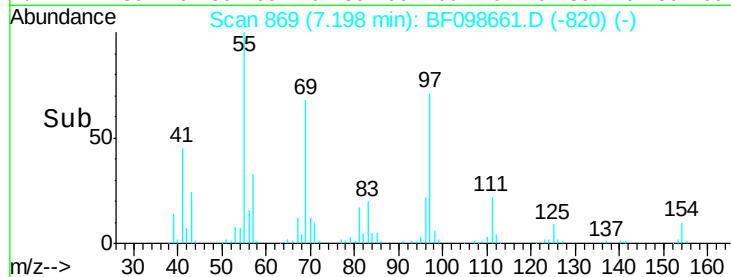
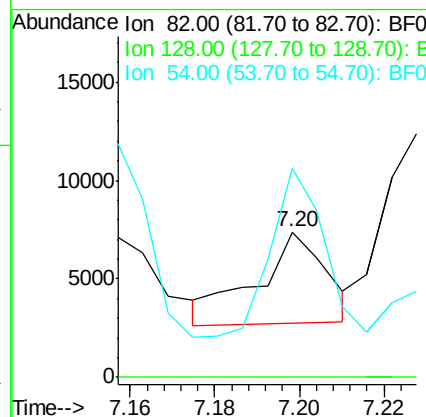
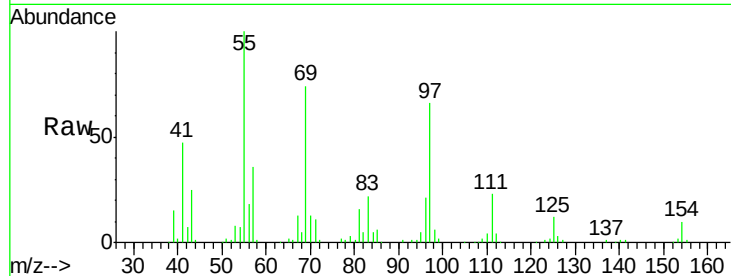




#23
 Nitrobenzene-d5
 Concen: 0.77 ng
 RT: 7.20 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BF098661.D
 Acq: 20 Sep 2017 15:45

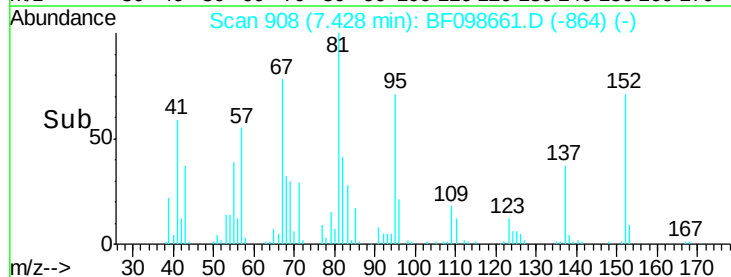
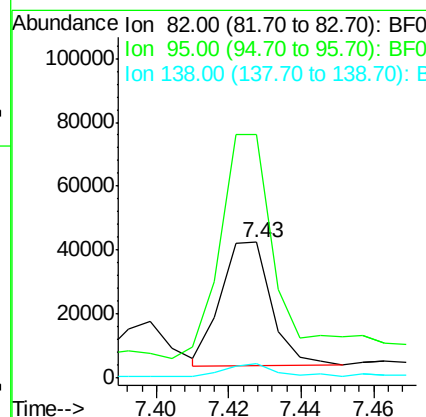
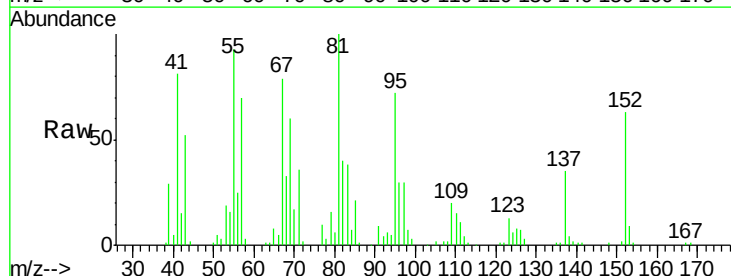
Instrument :
 BNA_F
 ClientSampled :

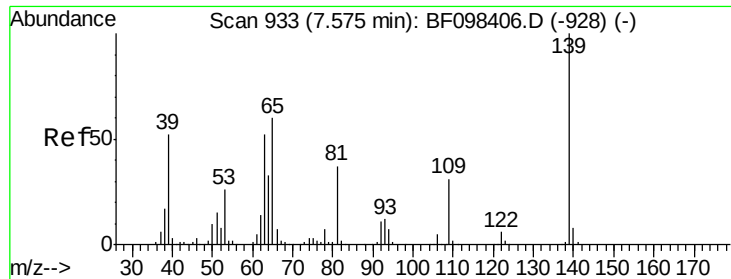
Tot Ion	Ratio	Lower	Upper
82	100		
128	0.0	34.0	51.0#
54	144.2	42.2	63.2#



#25
 Isophorone
 Concen: 2.69 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.04 min
 Lab File: BF098661.D
 Acq: 20 Sep 2017 15:45

Tgt Ion	Ratio	Lower	Upper
82	100		
95	179.1	5.3	7.9#
138	10.5	13.1	19.7#

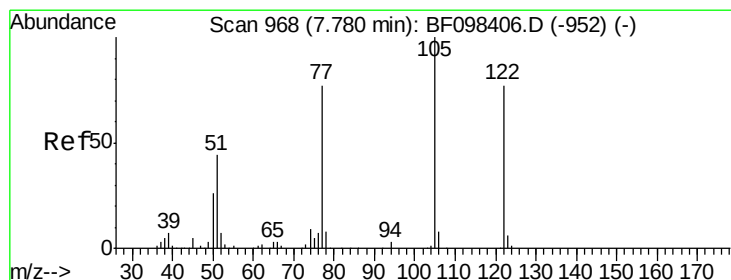
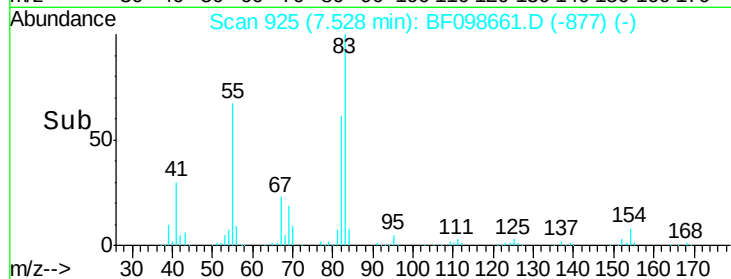
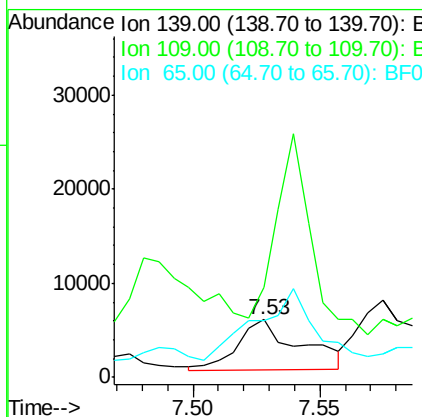
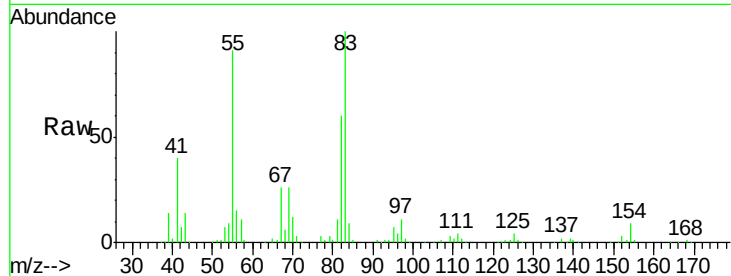




#26
 2-Nitrophenol
 Concen: 2.89 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BF098661.D
 Acq: 20 Sep 2017 15:45

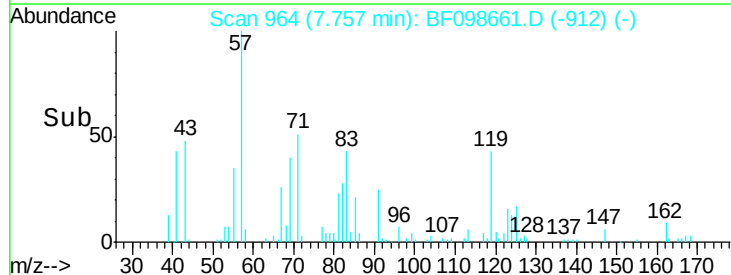
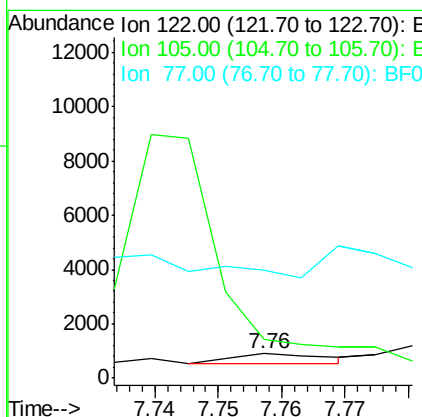
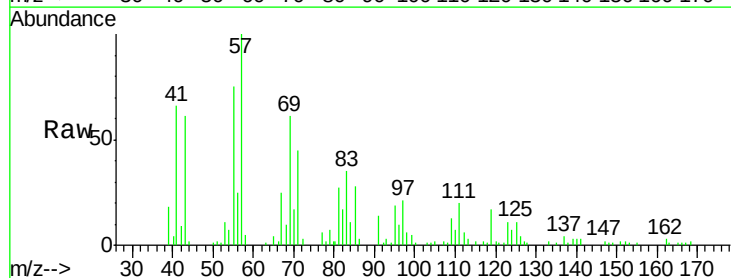
Instrument :
 BNA_F
 ClientSampled :

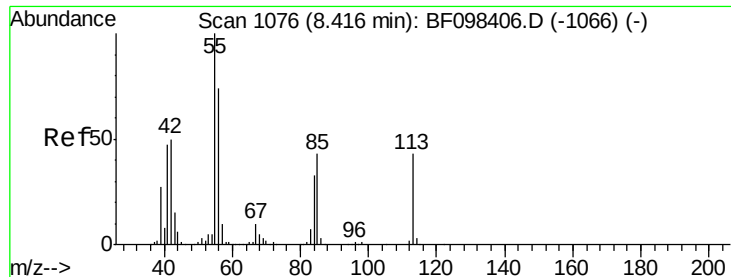
Tot Ion:139 Resp: 9174
 Ion Ratio Lower Upper
 139 100
 109 157.3 21.0 31.6#
 65 99.4 33.0 49.6#



#32
 Benzoic acid
 Concen: 8.05 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.01 min
 Lab File: BF098661.D
 Acq: 20 Sep 2017 15:45

Tgt Ion:122 Resp: 386
 Ion Ratio Lower Upper
 122 100
 105 160.2 103.3 143.3#
 77 446.8 73.7 113.7#





#35

Caprolactam

Concen: 6.37 ng

RT: 8.37 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BF098661.D

Acq: 20 Sep 2017 15:45

Instrument :

BNA_F

ClientSampled :

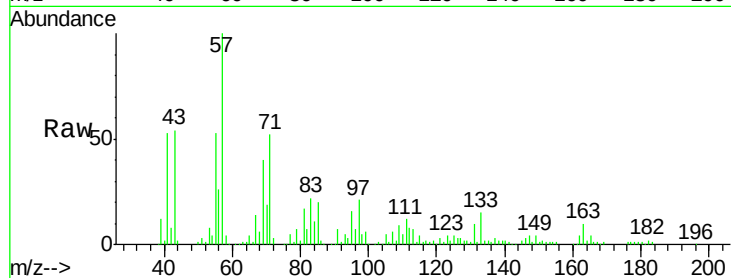
Tot Ion:113 Resp: 11060

Ion Ratio Lower Upper

113 100

55 783.7 150.2 190.2#

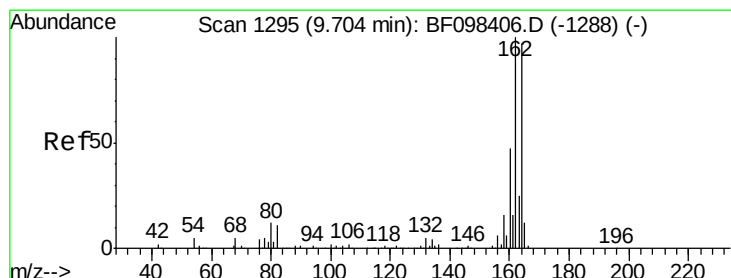
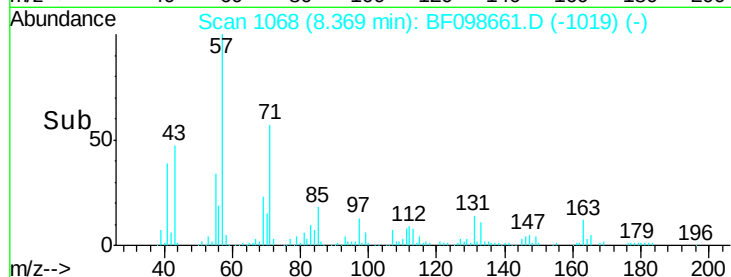
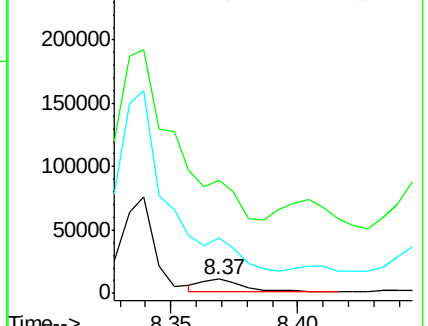
56 386.5 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF098661.D

Acq: 20 Sep 2017 15:45

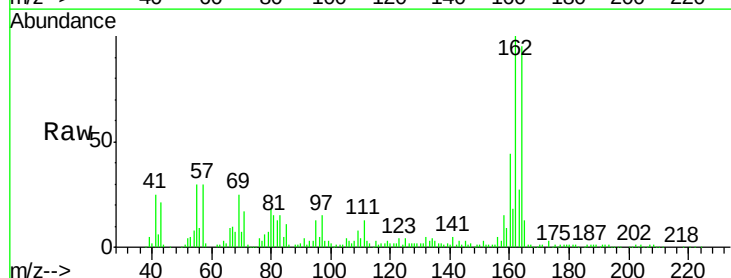
Tgt Ion:164 Resp: 165929

Ion Ratio Lower Upper

164 100

162 105.5 82.6 123.8

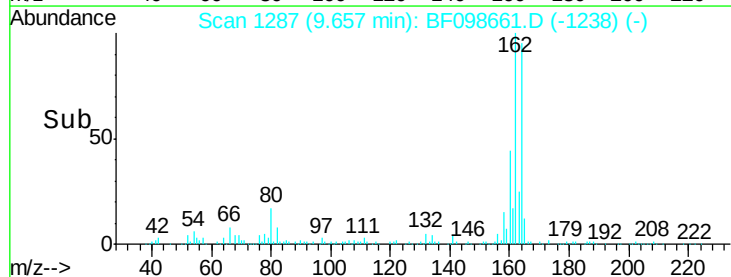
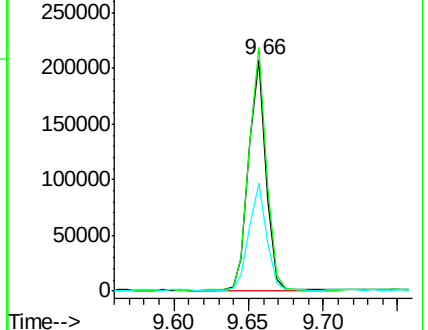
160 46.8 36.2 54.2

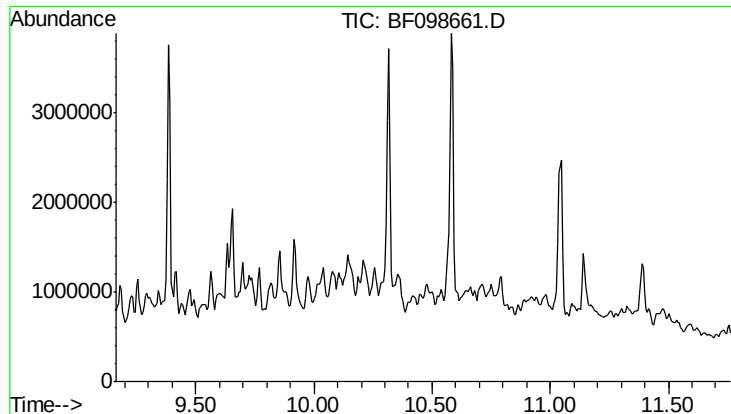


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 10.46 min

Lab File: BF098661.D

Acq: 20 Sep 2017 15:45

Instrument :

BNA_F

ClientSampleId :

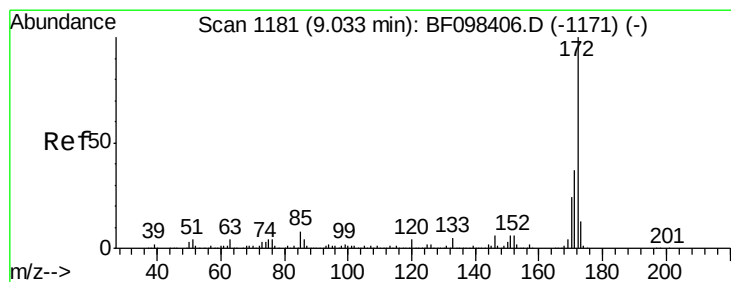
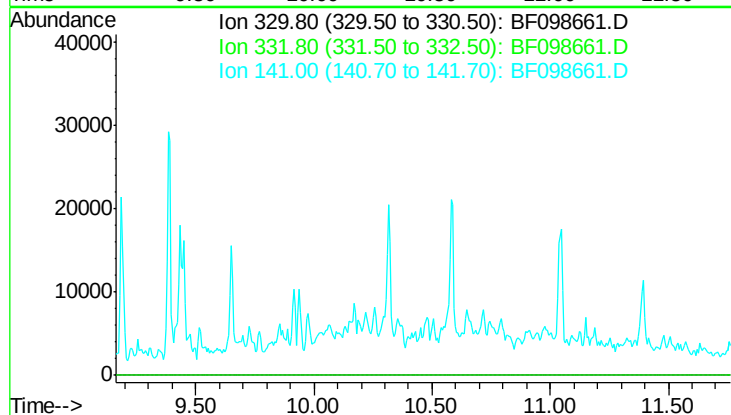
Tot Ion: 330

Sig Exp Ratio

330 100

332 95.8

141 39.3



#44

2-Fluorobiphenyl

Concen: 0.07 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BF098661.D

Acq: 20 Sep 2017 15:45

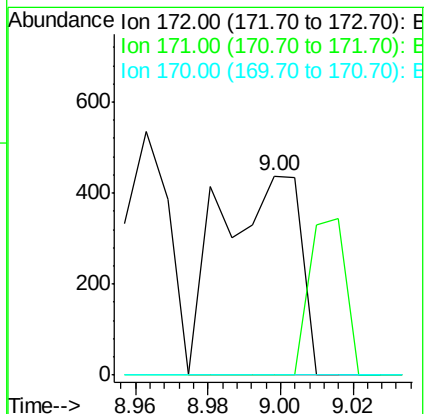
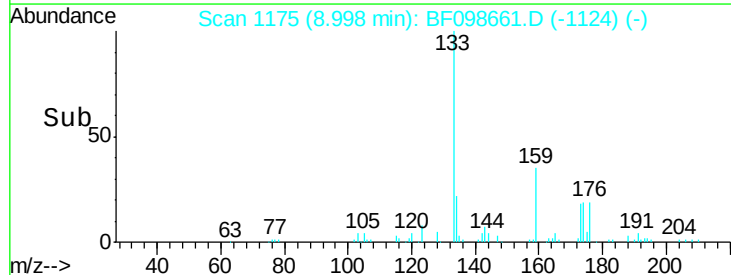
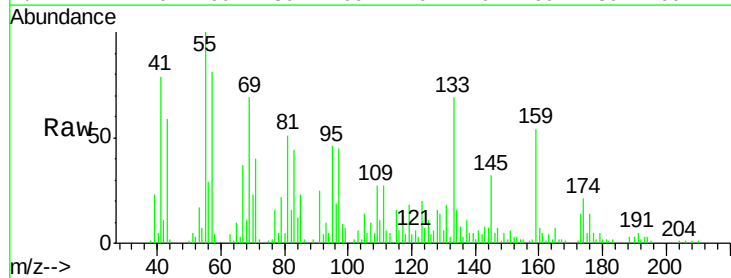
Tgt Ion: 172 Resp: 677

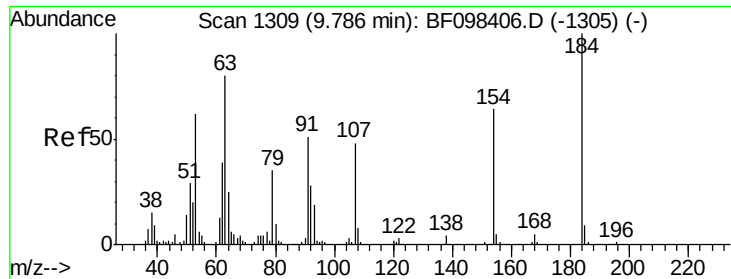
Ion Ratio Lower Upper

172 100

171 0.0 29.6 44.4#

170 0.0 19.8 29.8#

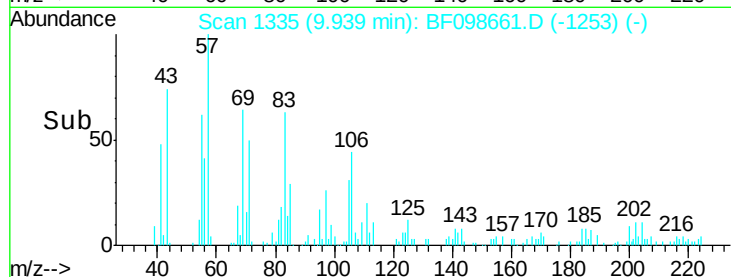
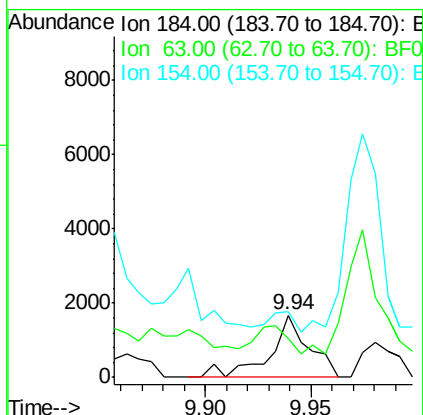
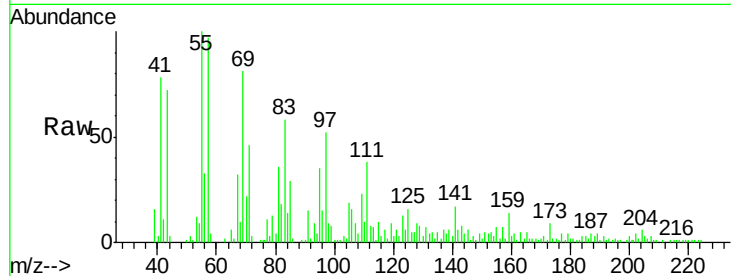




#53
 2,4-Dinitrophenol
 Concen: 10.05 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.18 min
 Lab File: BF098661.D
 Acq: 20 Sep 2017 15:45

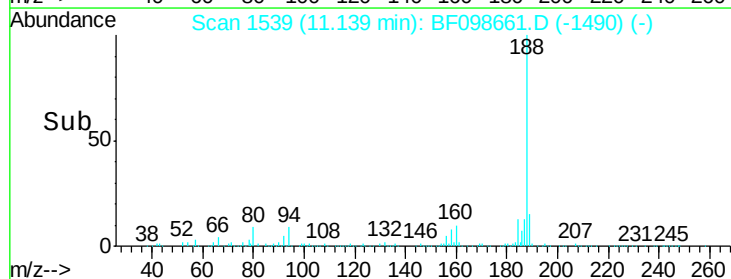
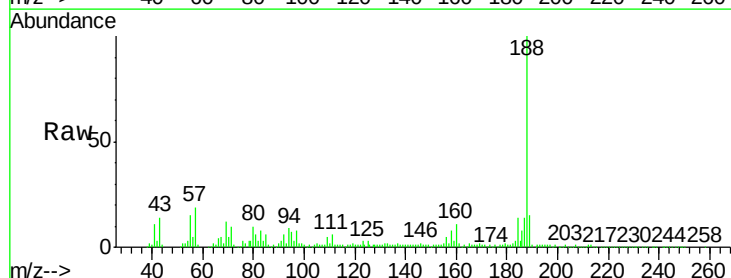
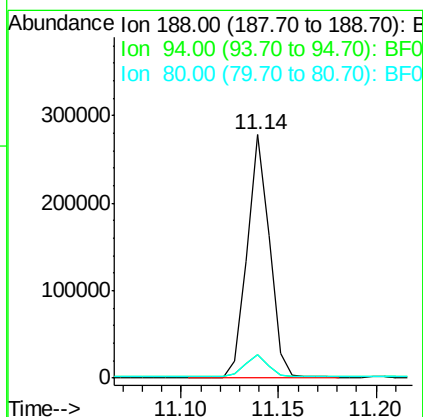
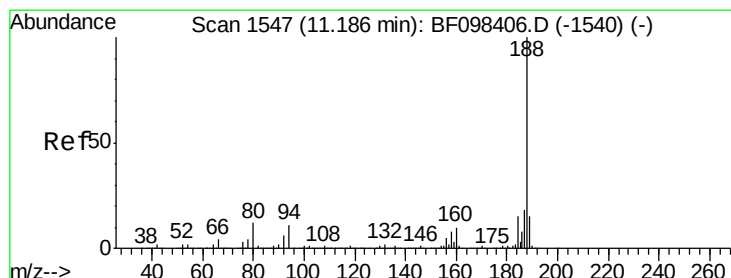
Instrument :
 BNA_F
 ClientSampleId :

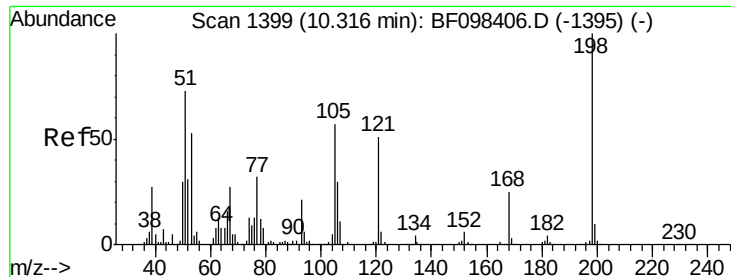
Tot Ion:184 Resp: 2131
 Ion Ratio Lower Upper
 184 100
 63 63.2 62.7 94.1
 154 105.8 81.1 121.7



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.01 min
 Lab File: BF098661.D
 Acq: 20 Sep 2017 15:45

Tgt Ion:188 Resp: 222322
 Ion Ratio Lower Upper
 188 100
 94 9.4 9.4 14.2#
 80 9.8 10.2 15.2#

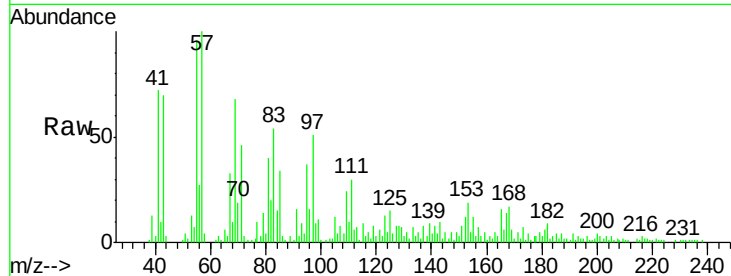




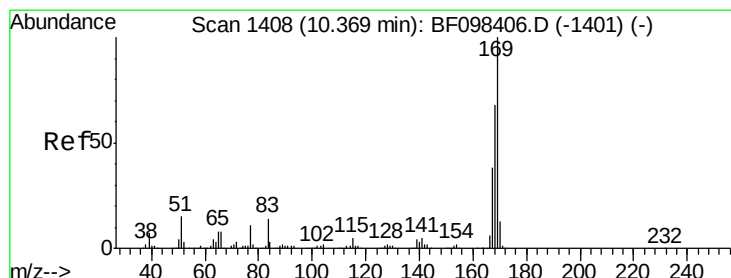
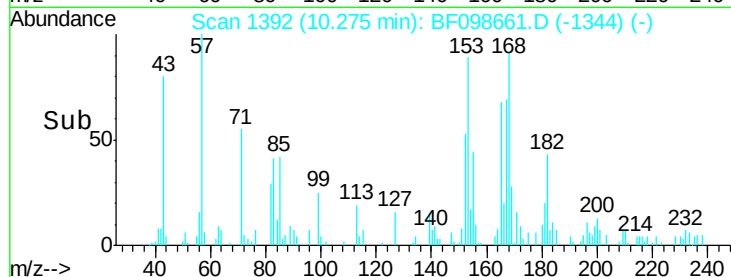
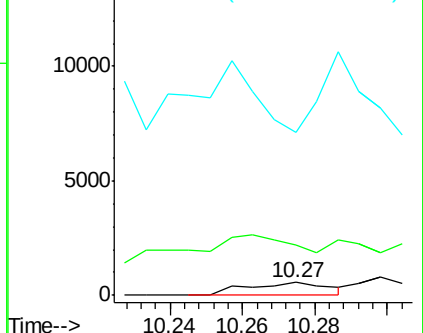
#64
4,6-Dinitro-2-methylphenol
Concen: 5.54 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.02 min
Lab File: BF098661.D
Acq: 20 Sep 2017 15:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 880
Ion Ratio Lower Upper
198 100
51 398.2 53.2 93.2#
105 1298.7 45.8 85.8#

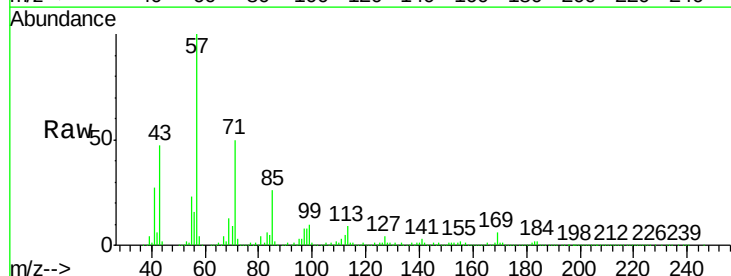


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

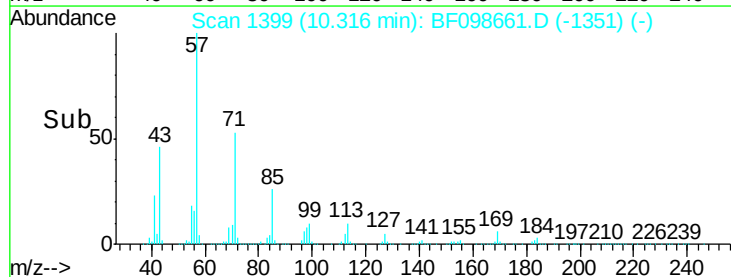
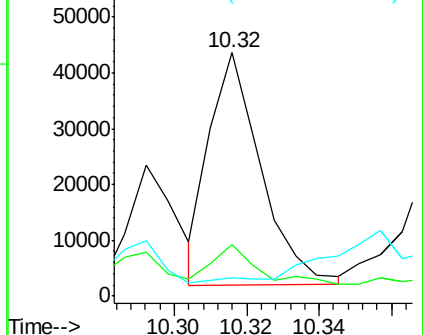


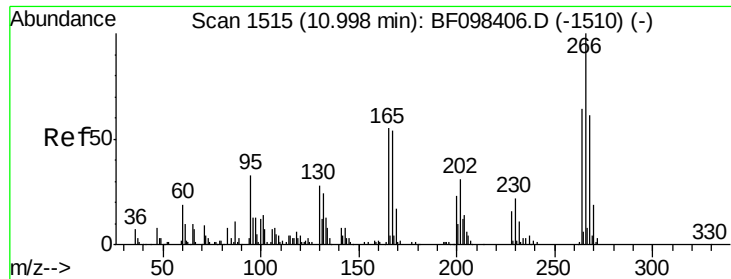
#65
n-Nitrosodiphenylamine
Concen: 5.70 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BF098661.D
Acq: 20 Sep 2017 15:45

Tgt Ion:169 Resp: 41175
Ion Ratio Lower Upper
169 100
168 21.3 53.2 79.8#
167 7.6 29.5 44.3#



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

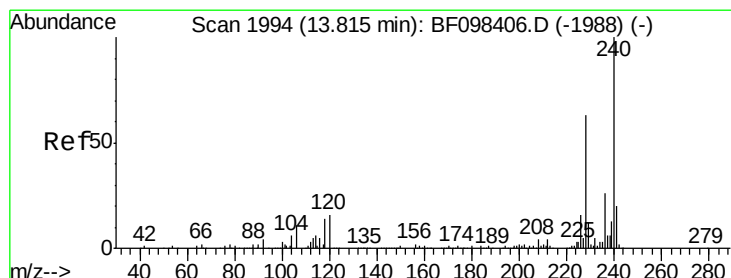
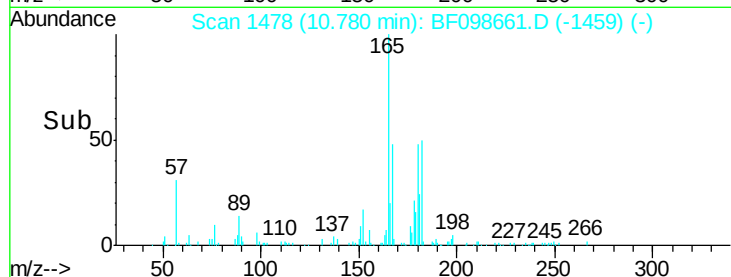
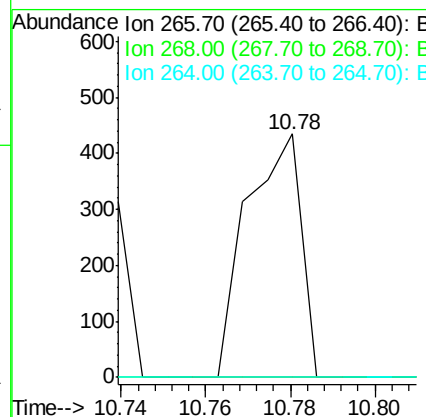
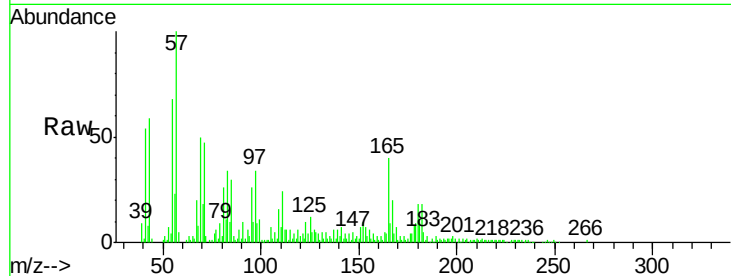




#69
 Pentachlorophenol
 Concen: 7.31 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.19 min
 Lab File: BF098661.D
 Acq: 20 Sep 2017 15:45

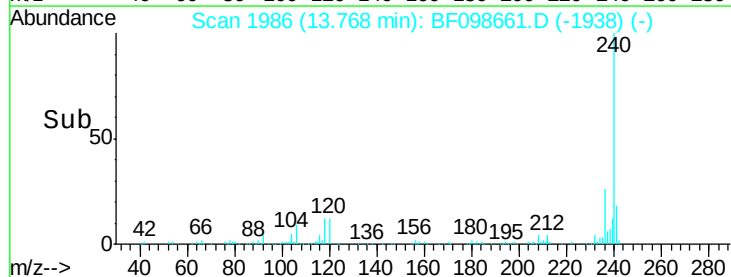
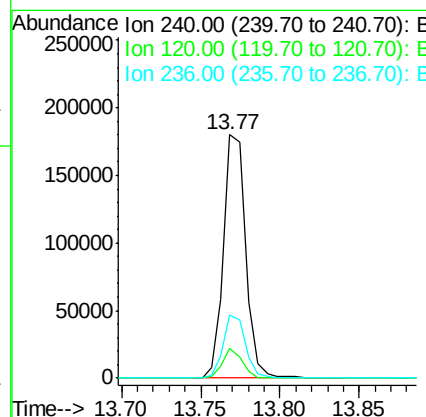
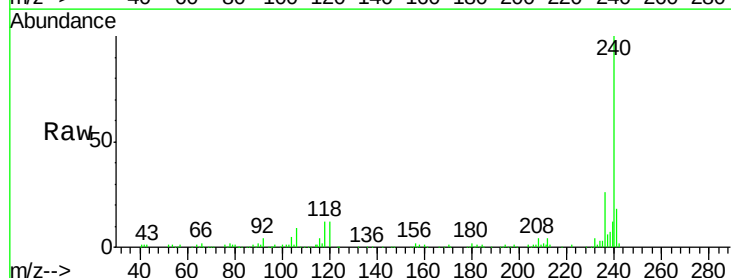
Instrument :
 BNA_F
 ClientSampleId :

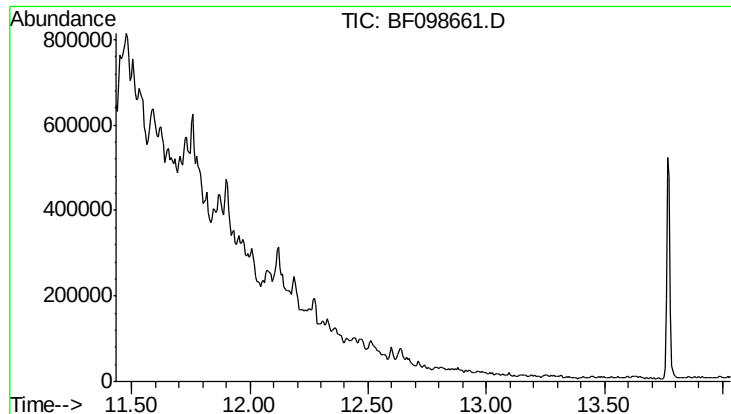
Tot Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.1	76.7#
264	0.0	51.7	77.5#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.77 min Scan# 1986
 Delta R.T. -0.02 min
 Lab File: BF098661.D
 Acq: 20 Sep 2017 15:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.3	5.8	8.8#
236	26.2	20.5	30.7

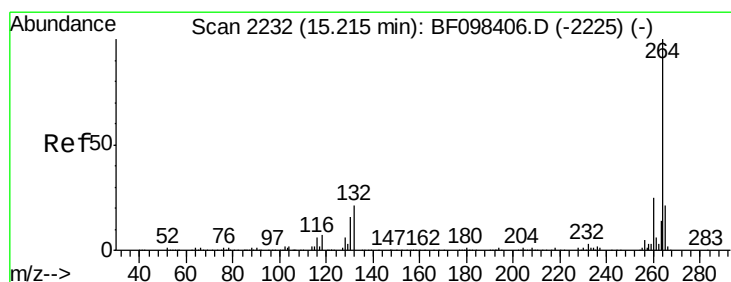
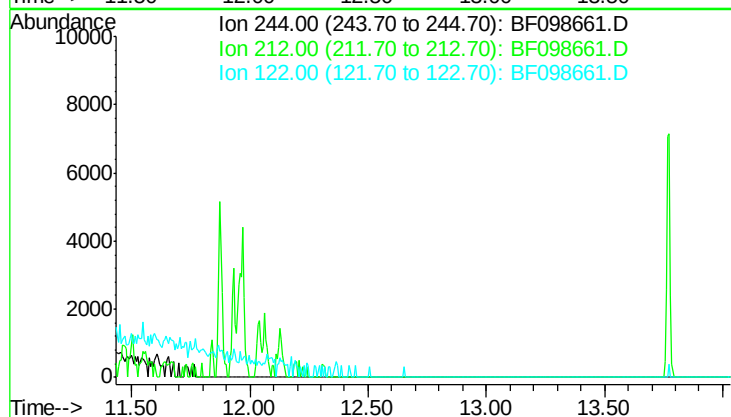




#78
 Terphenyl-d14
 Concen: 0.00 ng
 Expected RT: 12.73 min
 Lab File: BF098661.D
 Acq: 20 Sep 2017 15:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 244
 Sig Exp Ratio
 244 100
 212 7.5
 122 12.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF098661.D
 Acq: 20 Sep 2017 15:45

Tgt Ion: 264 Resp: 219082
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 20.8 17.2 25.8

