

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
 Data File : BF098003.D
 Acq On : 24 Aug 2017 15:50
 Operator : SJ/JU
 Sample : PB101787BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101787BL

Quant Time: Aug 25 00:58:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

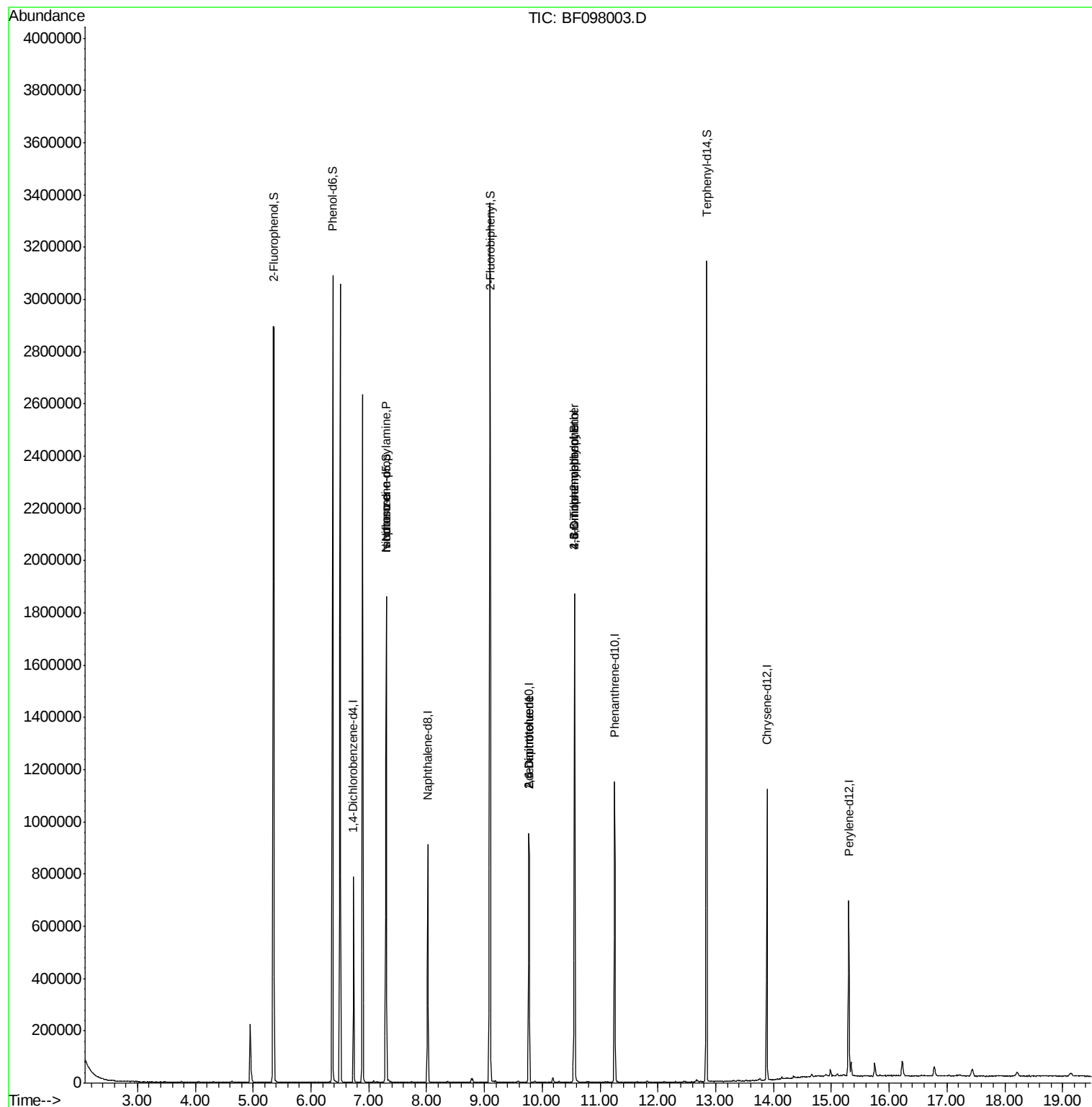
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	113143	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	453525	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	200198	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	397718	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	379298	20.00	ng	-0.01
86) Perylene-d12	15.30	264	311655	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	966641	129.95	ng	0.00
7) Phenol-d6	6.37	99	1275485	126.20	ng	-0.01
23) Nitrobenzene-d5	7.30	82	798615	95.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	239317	137.77	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1186272	87.06	ng	-0.01
78) Terphenyl-d14	12.84	244	1081702	59.47	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	106905	15.45	ng	# 73
25) Isophorone	7.30	82	769867	44.35	ng	# 67
50) 2,6-Dinitrotoluene	9.77	165	25023	8.57	ng	# 35
56) 2,4-Dinitrotoluene	9.77	165	25023	6.83	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.56	198	535	8.56	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	15623	3.78	ng	# 1

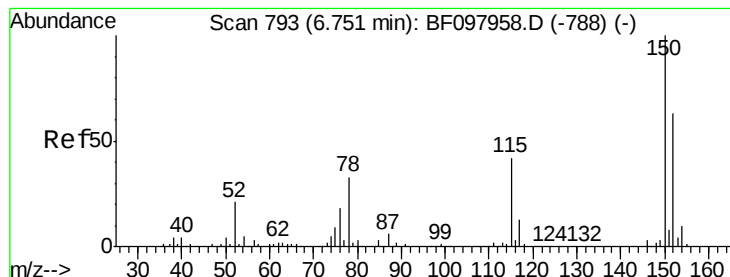
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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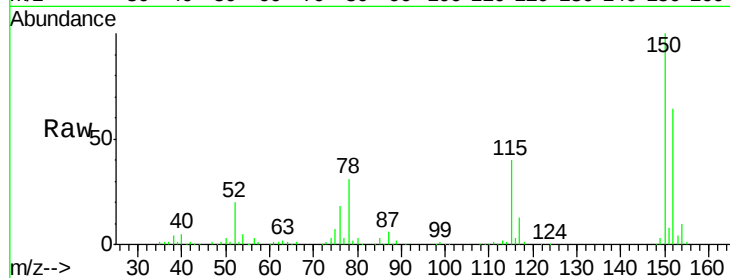


#1

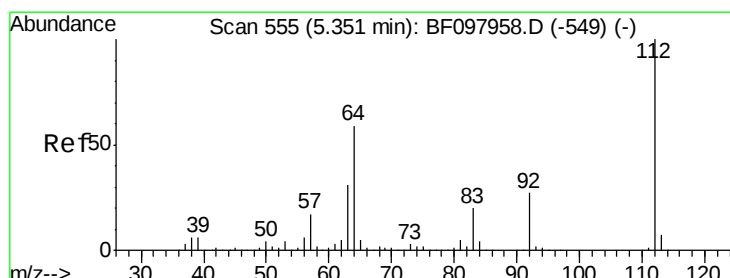
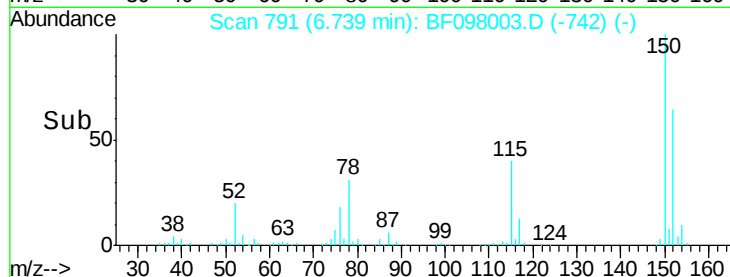
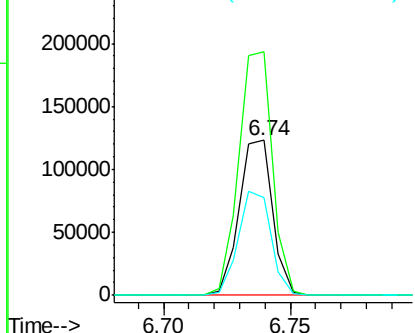
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098003.D
Acq: 24 Aug 2017 15:50

Instrument :
BNA_F
ClientSampleId :
PB101787BL

Tot Ion:152 Resp: 113143
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 63.1 52.2 78.2



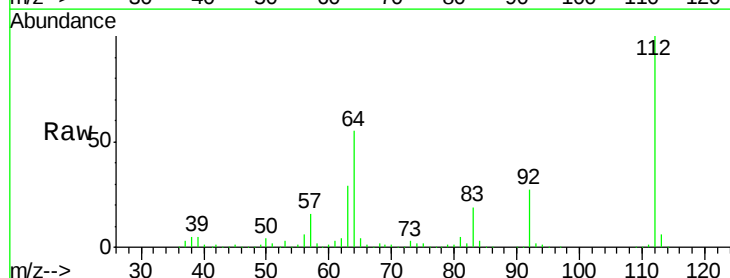
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



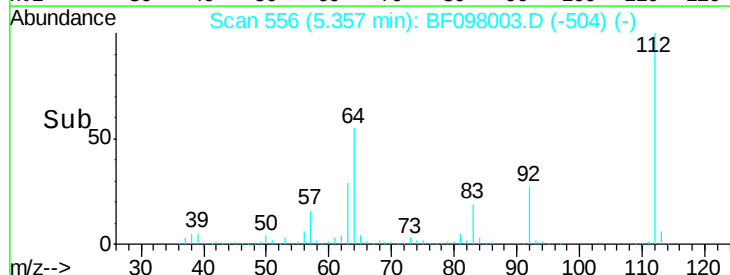
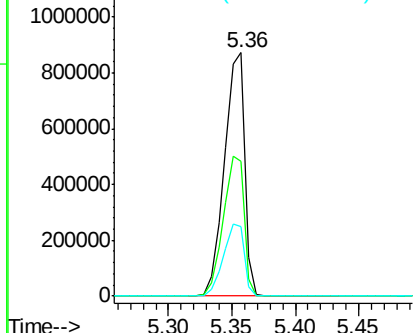
#5

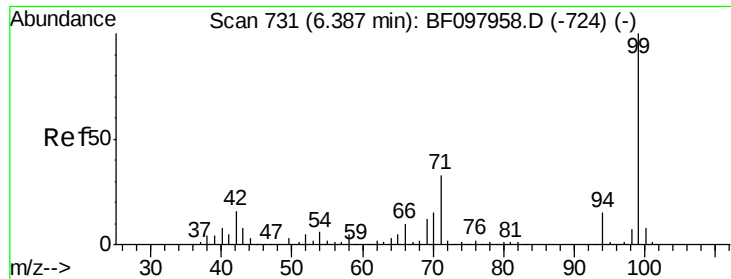
2-Fluorophenol
Concen: 129.95 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF098003.D
Acq: 24 Aug 2017 15:50

Tgt Ion:112 Resp: 966641
Ion Ratio Lower Upper
112 100
64 55.3 46.0 69.0
63 28.6 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: 126.20 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098003.D

Acq: 24 Aug 2017 15:50

Instrument :

BNA_F

ClientSampleId :

PB101787BL

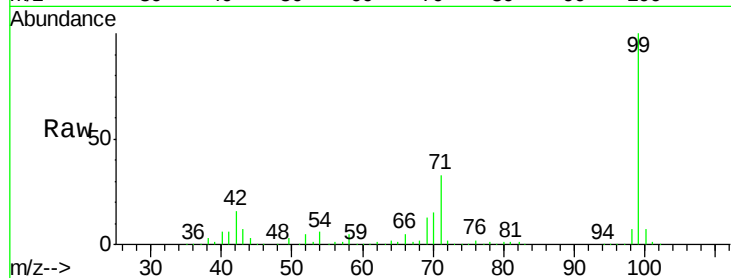
Tot Ion: 99 Resp: 1275485

Ion Ratio Lower Upper

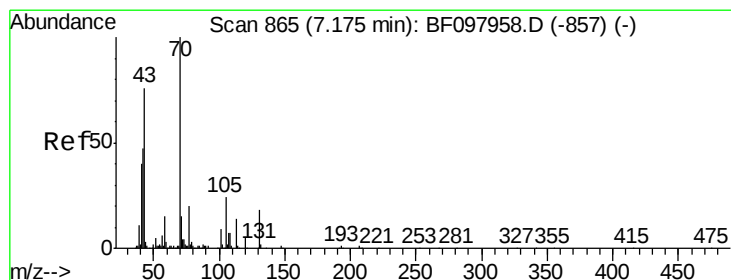
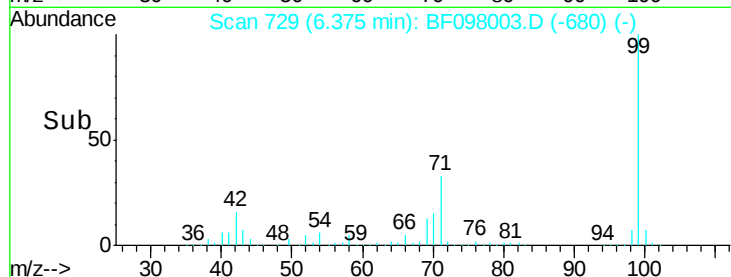
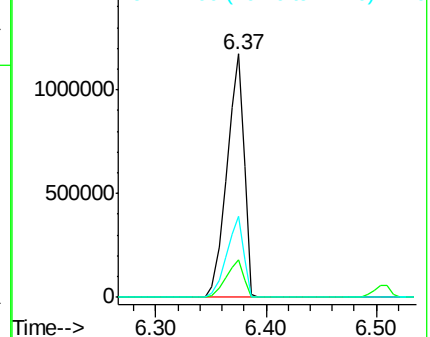
99 100

42 15.7 13.5 20.3

71 33.2 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.45 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF098003.D

Acq: 24 Aug 2017 15:50

Tgt Ion: 70 Resp: 106905

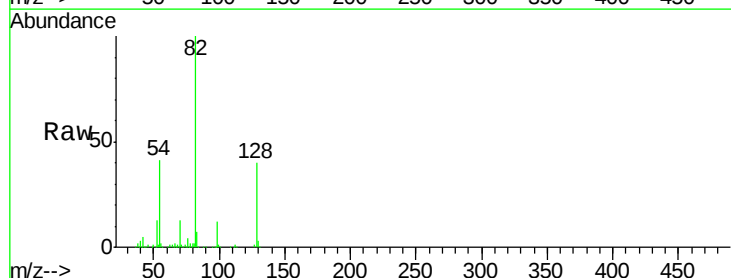
Ion Ratio Lower Upper

70 100

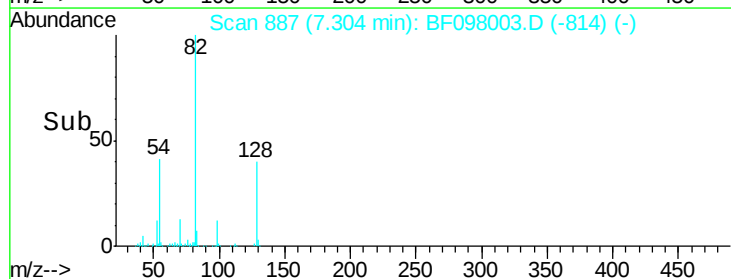
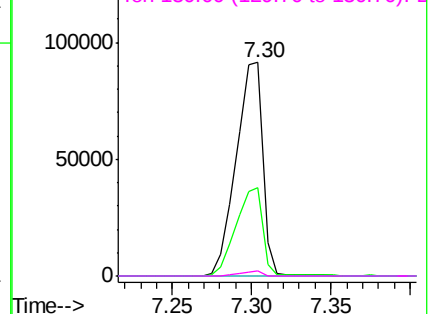
42 41.2 47.2 70.8#

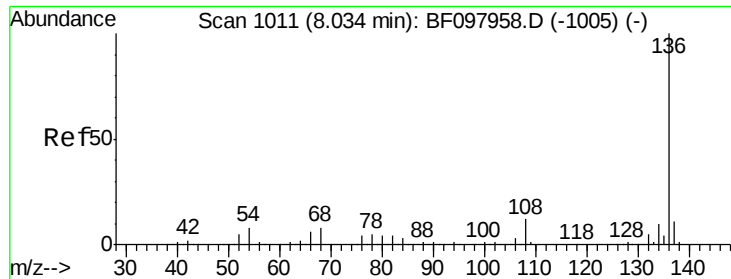
101 0.0 7.2 10.8#

130 2.2 15.9 23.9#



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

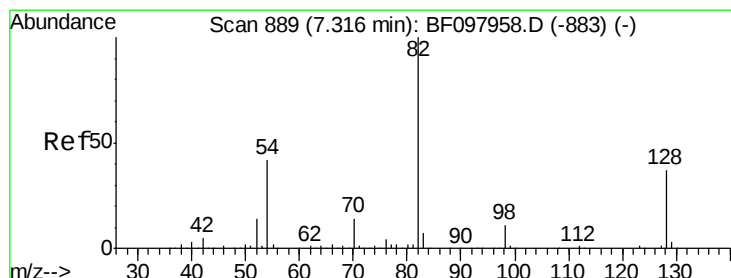
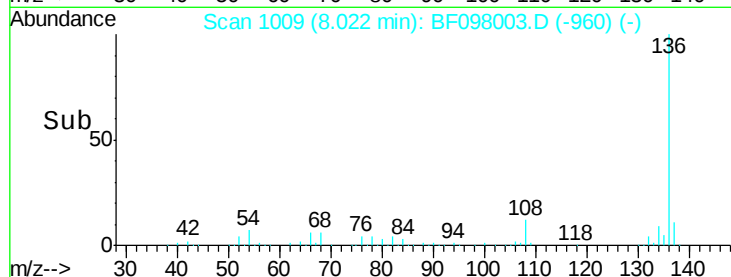
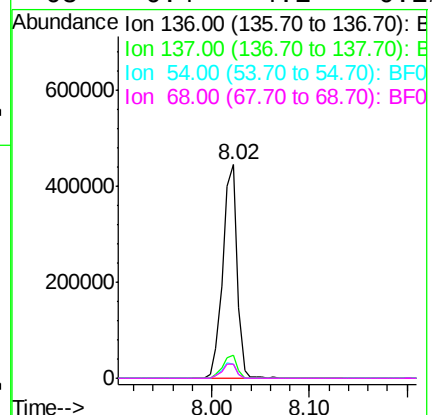
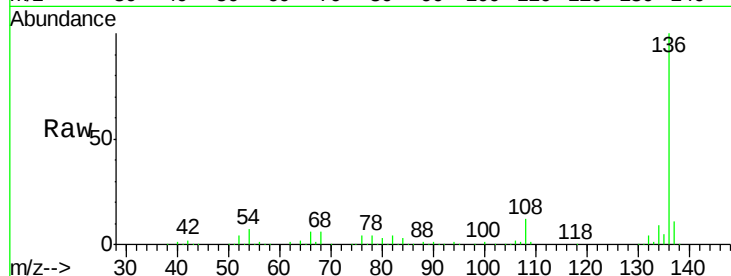




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098003.D
Acq: 24 Aug 2017 15:50

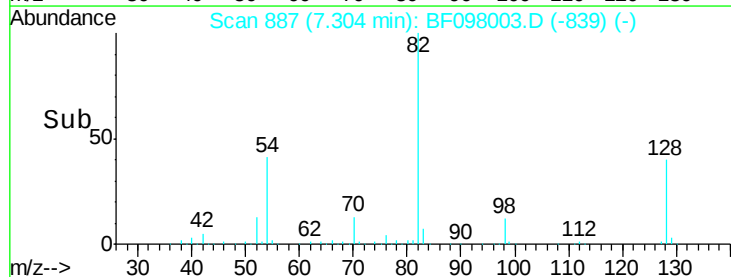
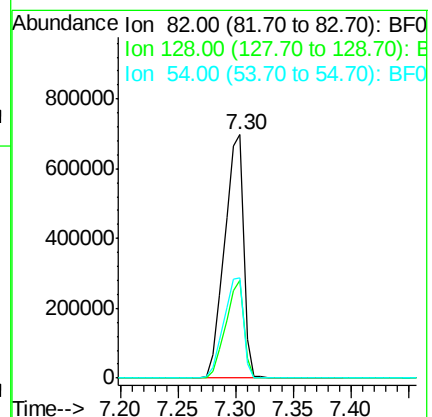
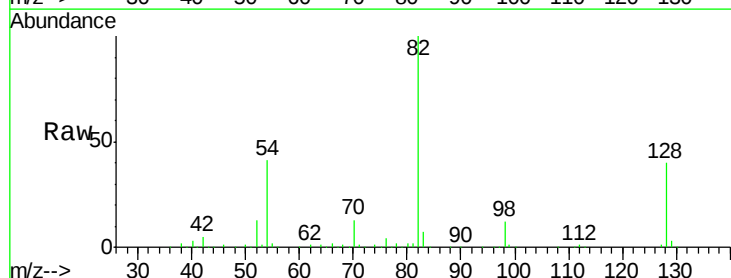
Instrument :
BNA_F
ClientSampleId :
PB101787BL

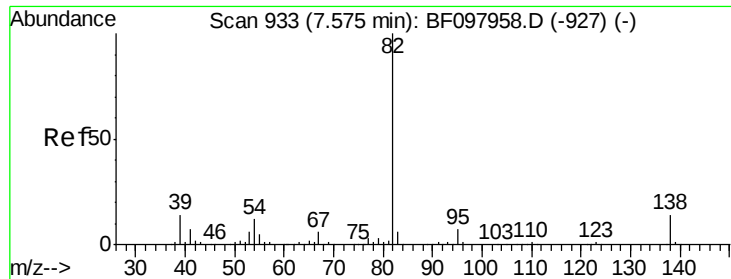
Tot Ion:136	Resp:	453525
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.5 12.7
54	6.7	4.9 7.3
68	6.4	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 95.66 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098003.D
Acq: 24 Aug 2017 15:50

Tgt Ion: 82	Resp:	798615
Ion Ratio	Lower	Upper
82	100	
128	40.3	34.0 51.0
54	41.0	42.2 63.2#





#25

Isophorone

Concen: 44.35 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.28 min

Lab File: BF098003.D

Acq: 24 Aug 2017 15:50

Instrument :

BNA_F

ClientSampleId :

PB101787BL

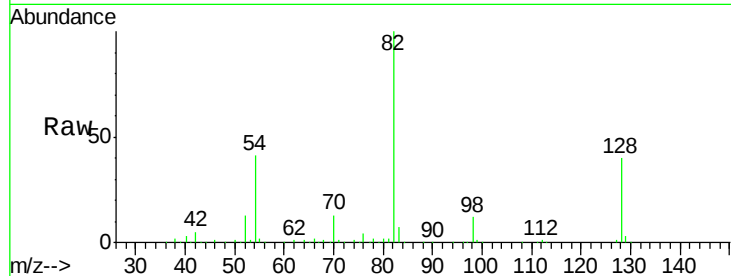
Tot Ion: 82 Resp: 769867

Ion Ratio Lower Upper

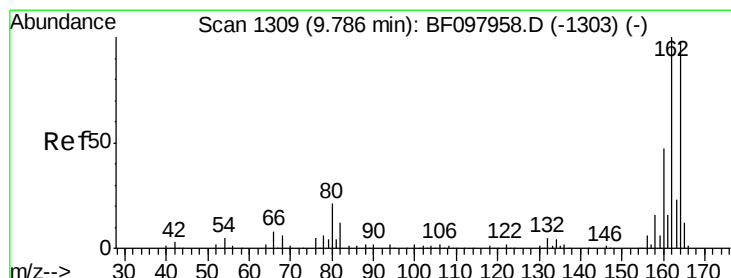
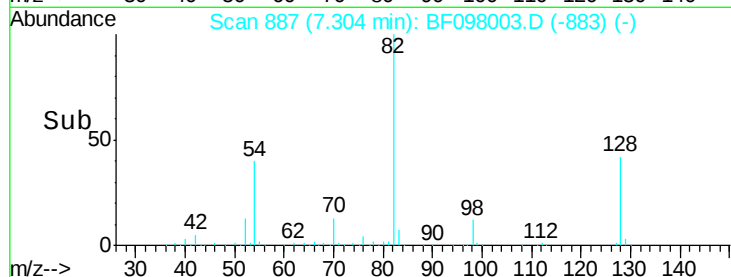
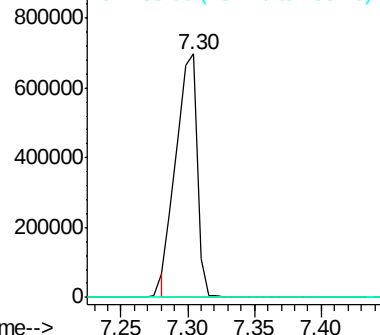
82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



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: 9.77 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BF098003.D

Acq: 24 Aug 2017 15:50

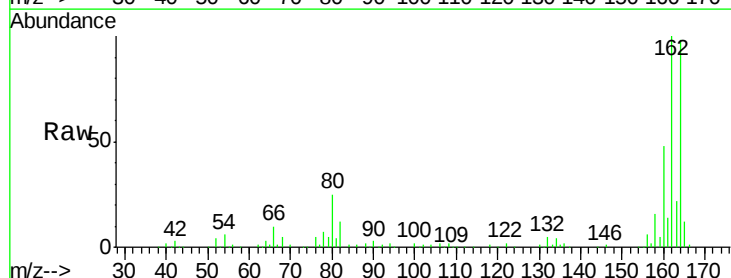
Tgt Ion:164 Resp: 200198

Ion Ratio Lower Upper

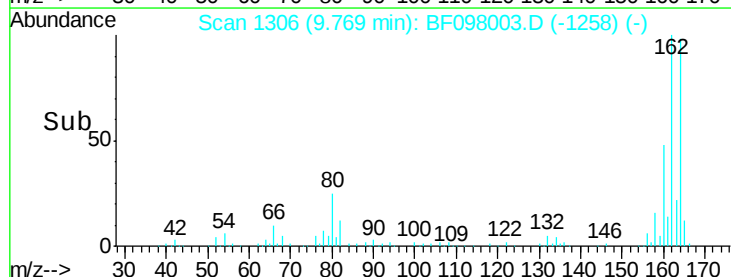
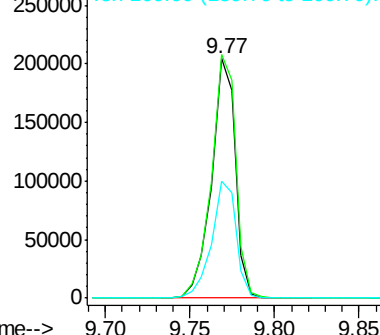
164 100

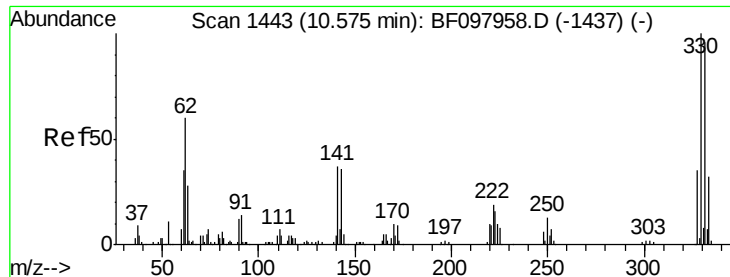
162 101.7 82.6 123.8

160 48.7 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

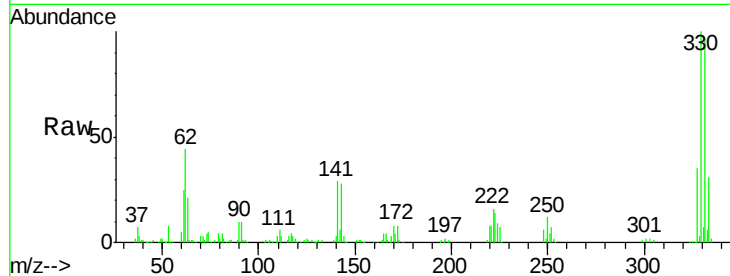




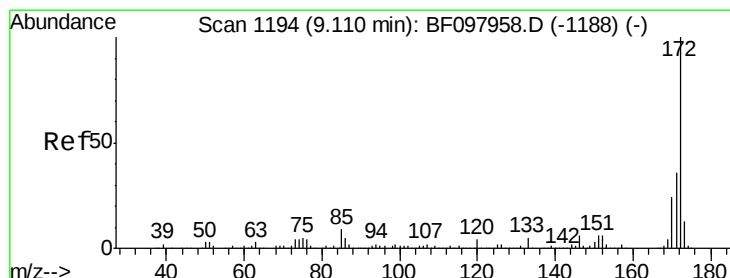
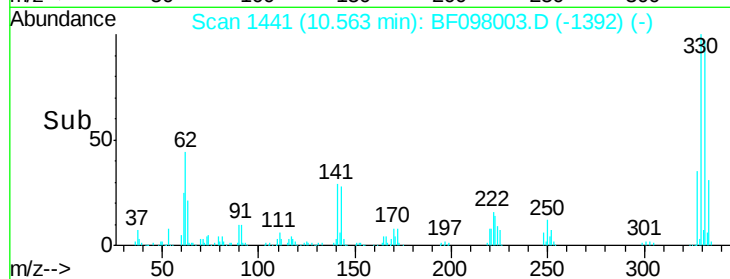
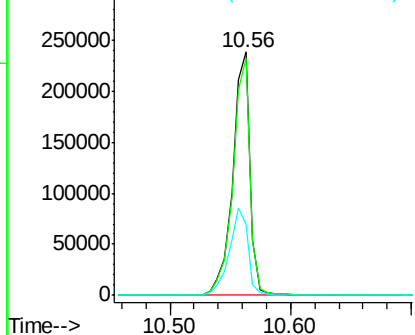
#41
 2,4,6-Tribromophenol
 Concen: 137.77 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098003.D
 Acq: 24 Aug 2017 15:50

Instrument :
 BNA_F
 ClientSampleId :
 PB101787BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	38.9	31.4	47.2

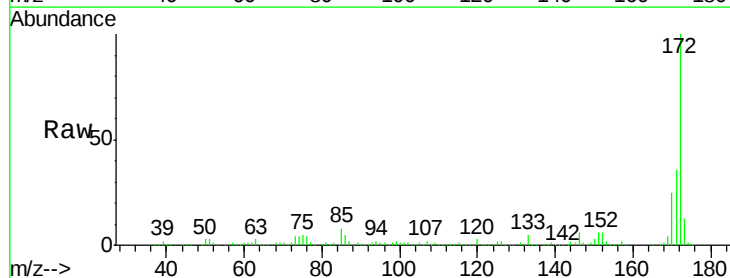


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

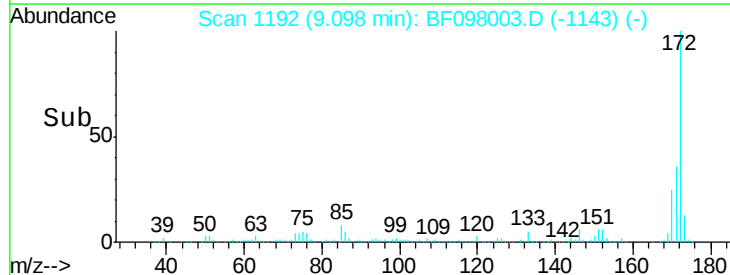
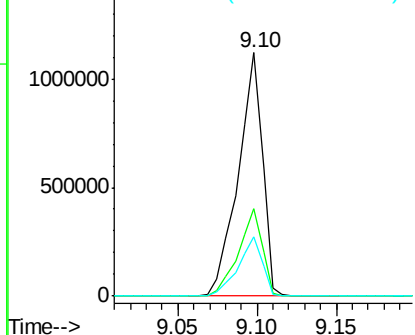


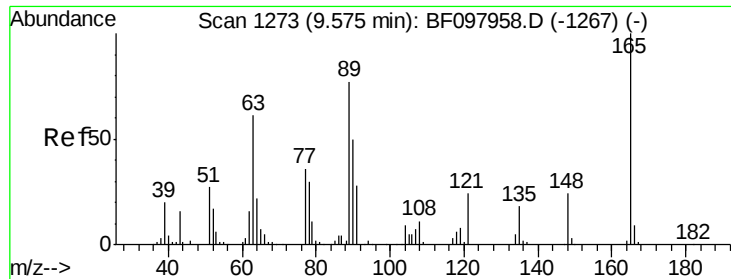
#44
 2-Fluorobiphenyl
 Concen: 87.06 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098003.D
 Acq: 24 Aug 2017 15:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.6	19.8	29.8



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: 8.57 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.19 min

Lab File: BF098003.D

Acq: 24 Aug 2017 15:50

Instrument :

BNA_F

ClientSampleId :

PB101787BL

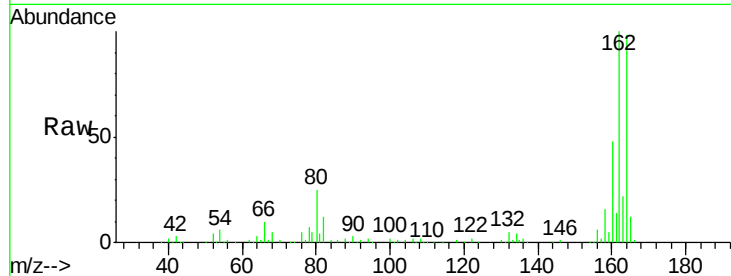
Tot Ion:165 Resp: 25023

Ion Ratio Lower Upper

165 100

63 2.0 34.3 51.5#

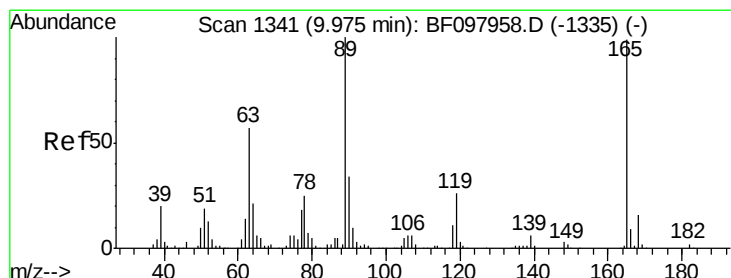
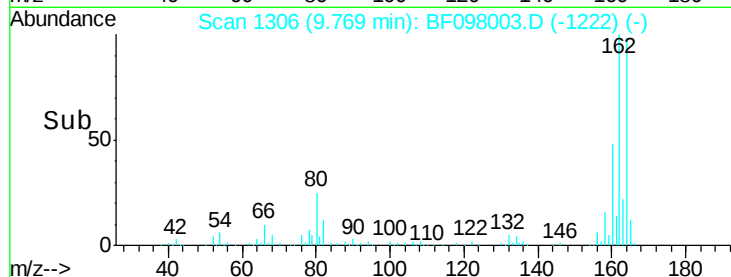
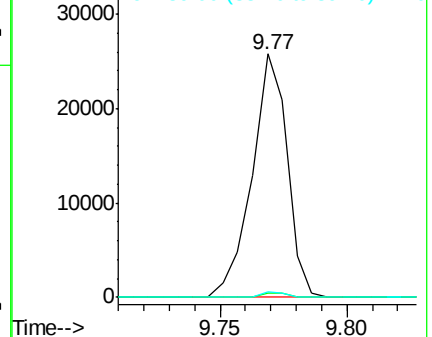
89 2.3 37.1 55.7#



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: 6.83 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.21 min

Lab File: BF098003.D

Acq: 24 Aug 2017 15:50

Tgt Ion:165 Resp: 25023

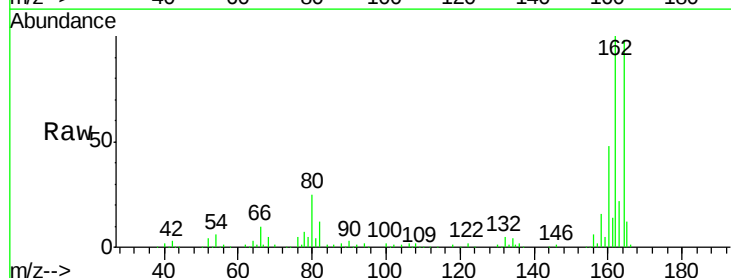
Ion Ratio Lower Upper

165 100

63 2.0 25.4 38.0#

89 2.3 46.4 69.6#

182 0.0 1.8 2.6#

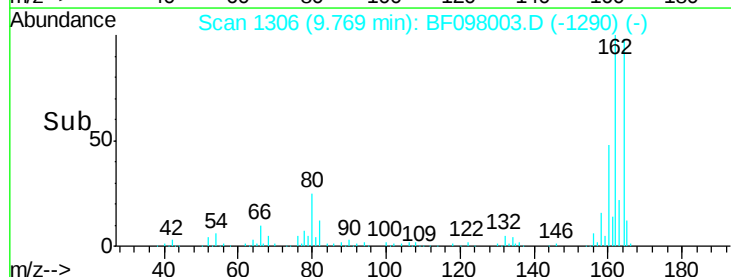
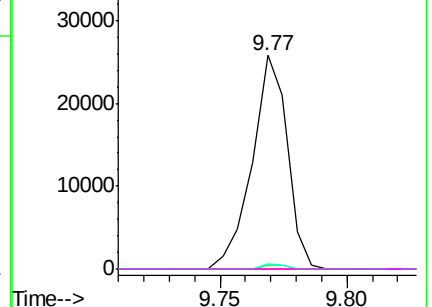


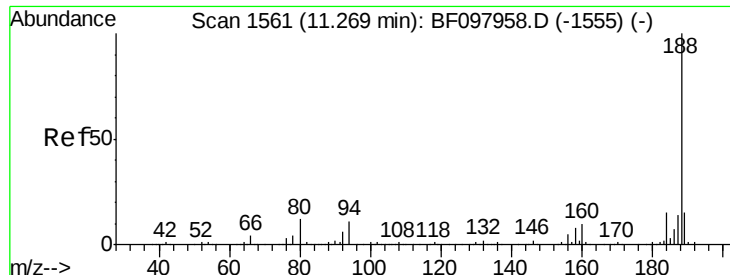
Abundance Ion 165.00 (164.70 to 165.70): E

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

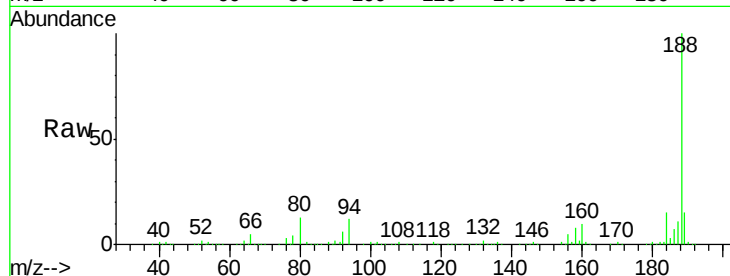




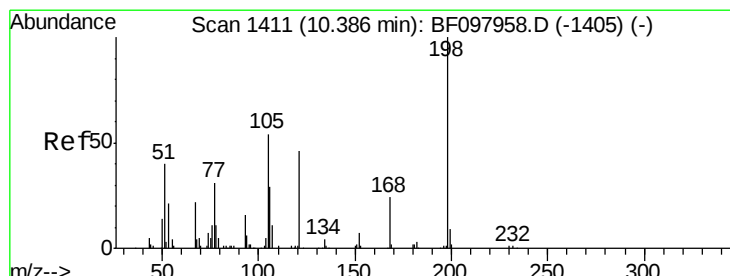
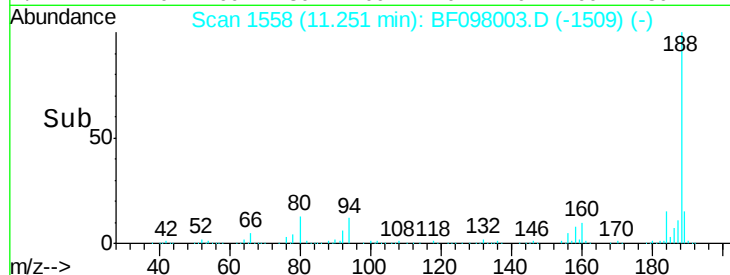
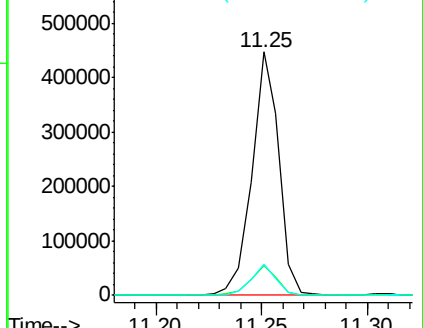
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF098003.D
 Acq: 24 Aug 2017 15:50

Instrument :
 BNA_F
 ClientSampleId :
 PB101787BL

Tot Ion:188 Resp: 397718
 Ion Ratio Lower Upper
 188 100
 94 12.2 9.4 14.2
 80 12.6 10.2 15.2

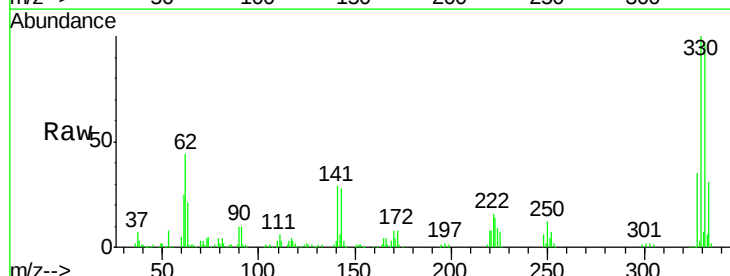


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

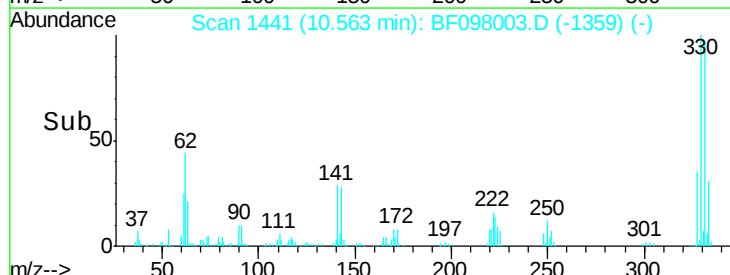
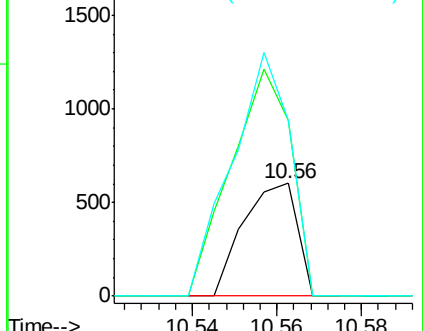


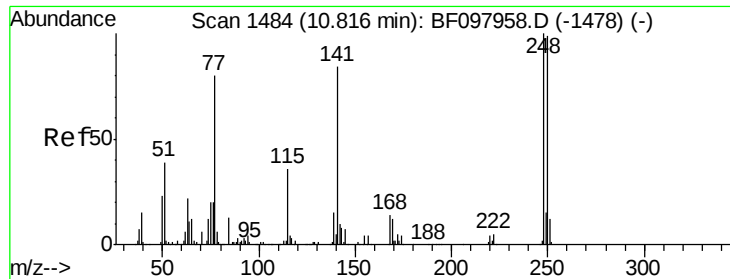
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.56 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.18 min
 Lab File: BF098003.D
 Acq: 24 Aug 2017 15:50

Tgt Ion:198 Resp: 535
 Ion Ratio Lower Upper
 198 100
 51 155.9 53.2 93.2#
 105 156.4 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

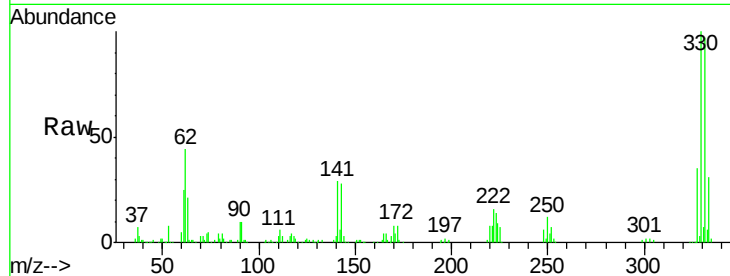




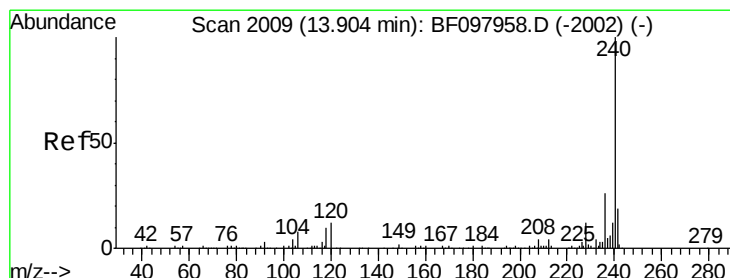
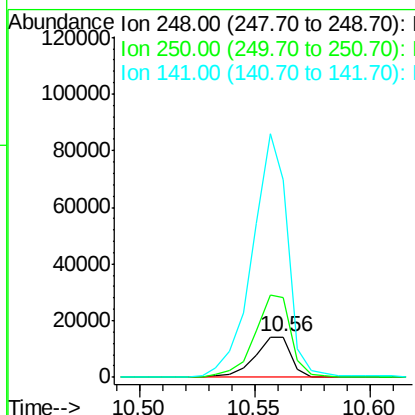
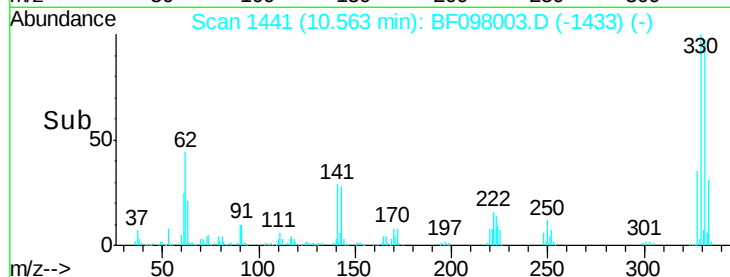
#66
 4-Bromophenyl-phenylether
 Concen: 3.78 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.25 min
 Lab File: BF098003.D
 Acq: 24 Aug 2017 15:50

Instrument :
 BNA_F
 ClientSampleId :
 PB101787BL

Tot Ion:248 Resp: 15623
 Ion Ratio Lower Upper
 248 100
 250 195.7 76.8 115.2#
 141 486.0 68.6 103.0#

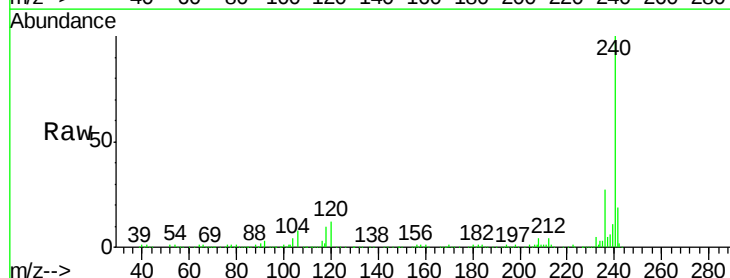


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

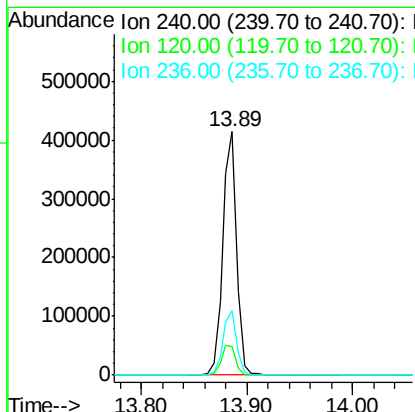
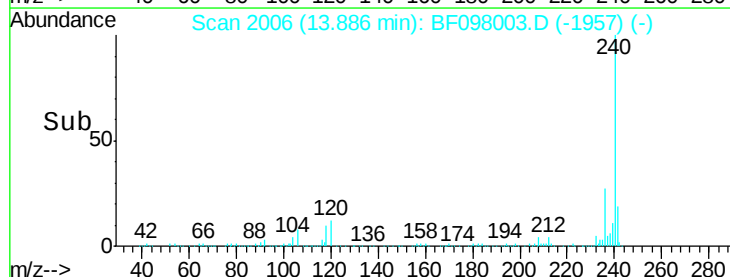


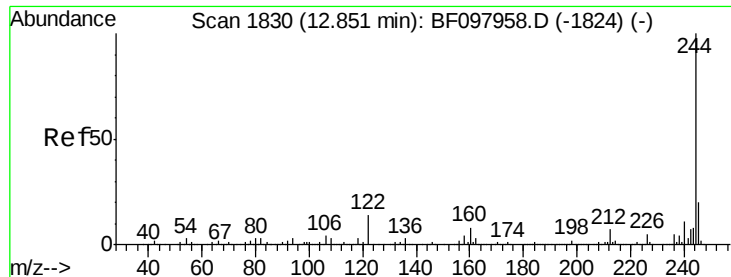
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF098003.D
 Acq: 24 Aug 2017 15:50

Tgt Ion:240 Resp: 379298
 Ion Ratio Lower Upper
 240 100
 120 11.7 5.8 8.8#
 236 26.6 20.5 30.7



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

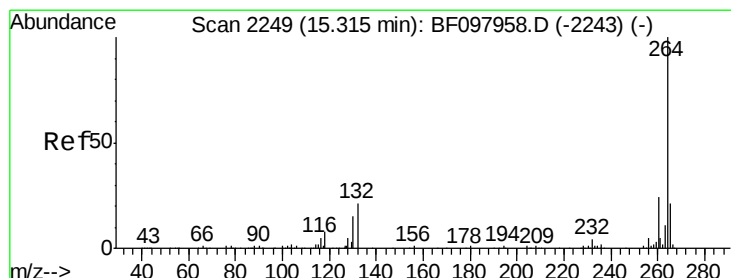
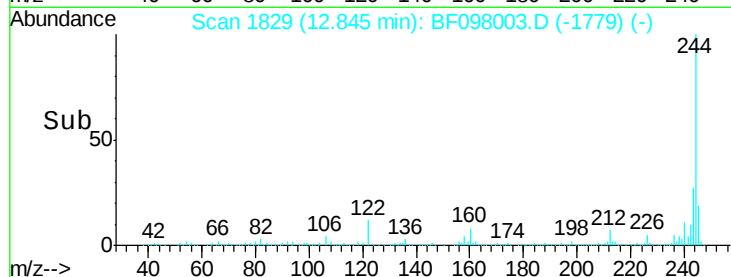
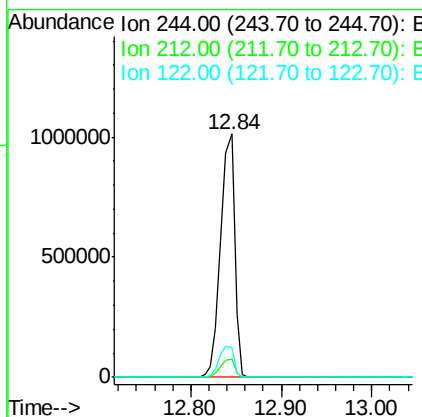
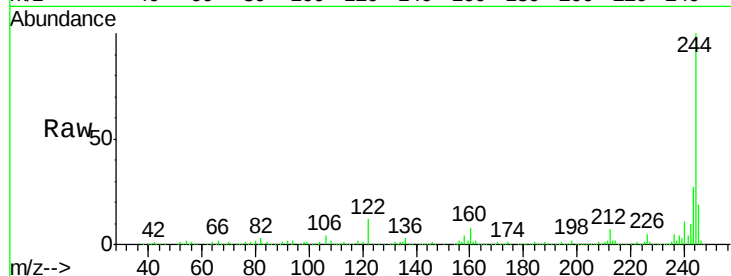




#78
 Terphenyl-d14
 Concen: 59.47 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF098003.D
 Acq: 24 Aug 2017 15:50

Instrument :
 BNA_F
 ClientSampleId :
 PB101787BL

Tot Ion:244 Resp: 1081702
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 12.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BF098003.D
 Acq: 24 Aug 2017 15:50

Tgt Ion:264 Resp: 311655
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.4 17.2 25.8

