

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098114.D
 Acq On : 29 Aug 2017 16:47
 Operator : SJ/JU
 Sample : I4988-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 30 02:58:57 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

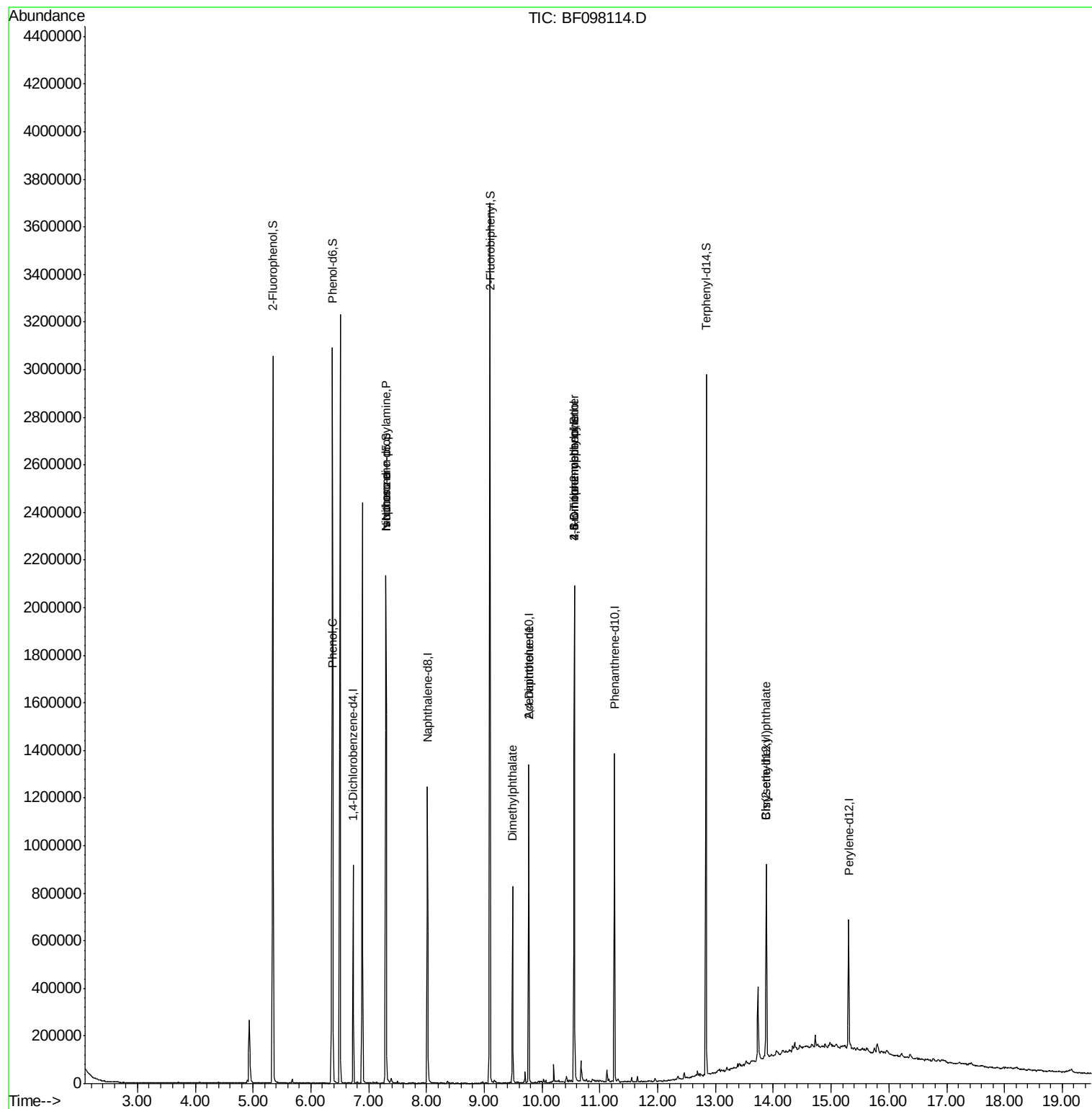
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	125409	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	516985	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	238951	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	433687	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	252840	20.00	ng	-0.02
86) Perylene-d12	15.30	264	232797	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	954538	115.78	ng	0.00
7) Phenol-d6	6.37	99	1324016	118.19	ng	-0.01
23) Nitrobenzene-d5	7.30	82	847103	89.01	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	260106	125.46	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1237274	76.07	ng	-0.01
78) Terphenyl-d14	12.84	244	914651	75.44	ng	-0.01
Target Compounds						
10) Phenol	6.39	94	46983	3.586	ng	87
19) n-Nitroso-di-n-propylamine	7.30	70	112835	14.714	ng	# 72
25) Isophorone	7.30	82	836465	42.270	ng	# 67
49) Dimethylphthalate	9.49	163	299403	17.141	ng	99
56) 2,4-Dinitrotoluene	9.77	165	29875	6.828	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.56	198	695	8.602	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	16540	3.673	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.87	149	66620	7.583	ng	# 98

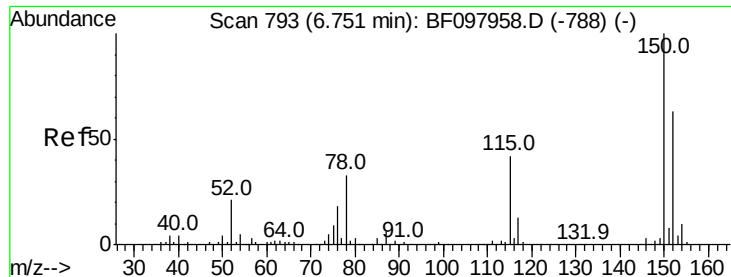
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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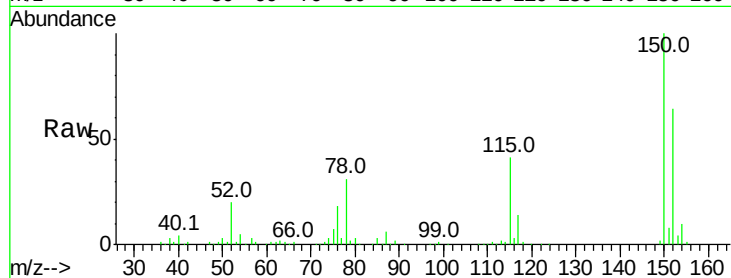


#1

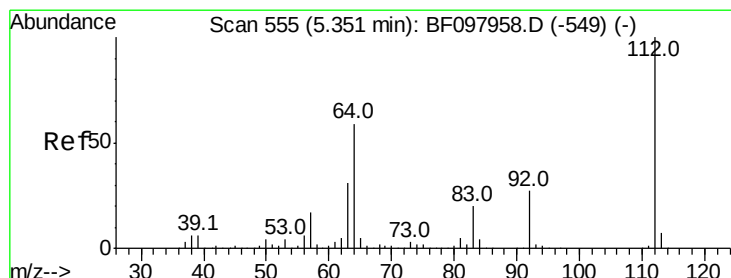
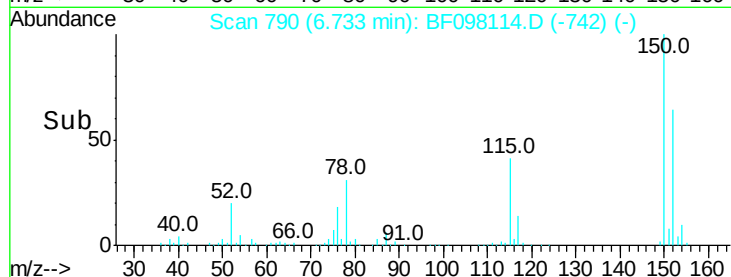
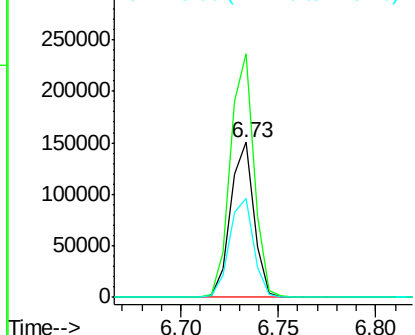
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF098114.D
Acq: 29 Aug 2017 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 125409
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 64.2 52.2 78.2



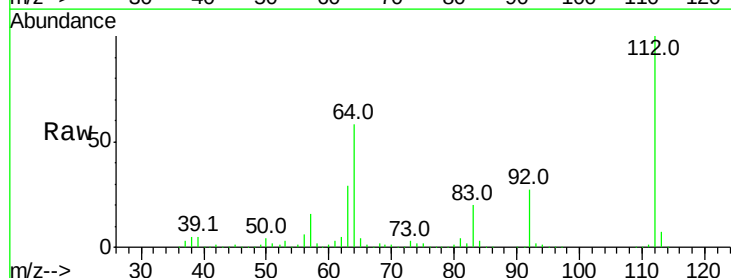
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



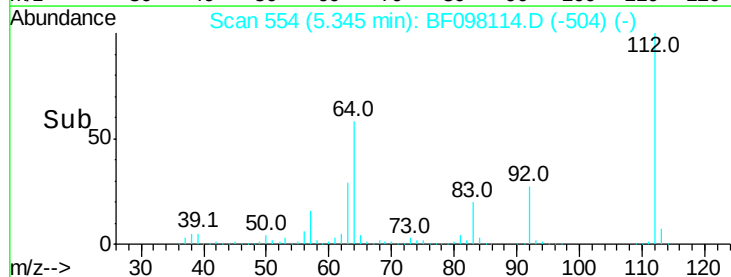
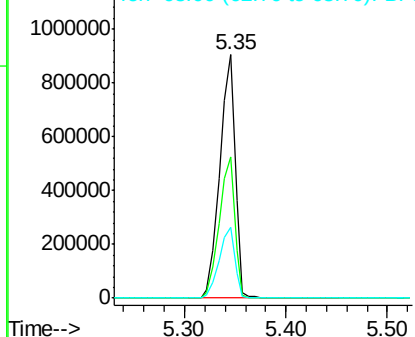
#5

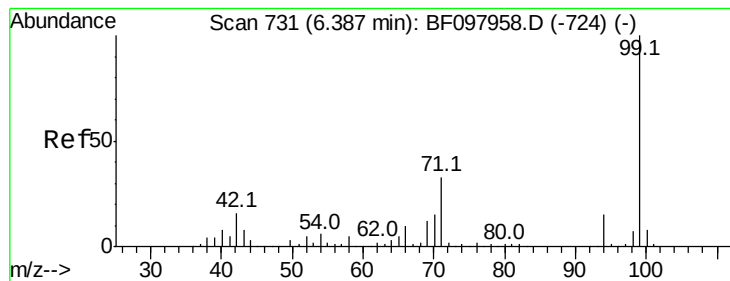
2-Fluorophenol
Concen: 115.775 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF098114.D
Acq: 29 Aug 2017 16:47

Tgt Ion:112 Resp: 954538
Ion Ratio Lower Upper
112 100
64 57.8 46.0 69.0
63 29.1 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: 118.192 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098114.D

Acq: 29 Aug 2017 16:47

Instrument :

BNA_F

ClientSampleId :

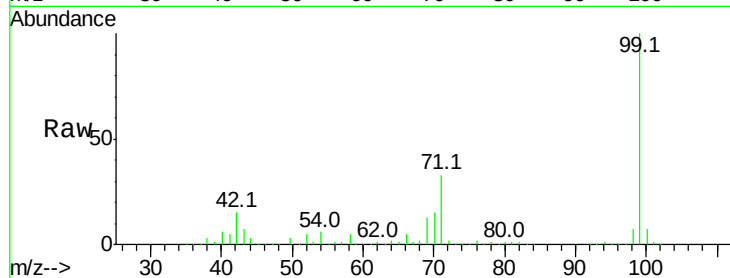
Tot Ion: 99 Resp: 1324016

Ion Ratio Lower Upper

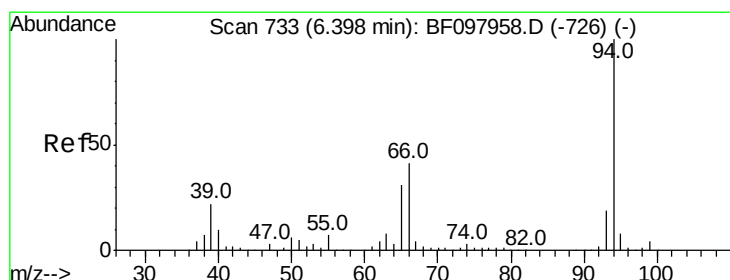
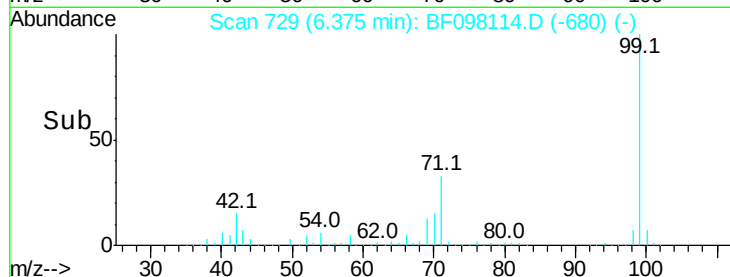
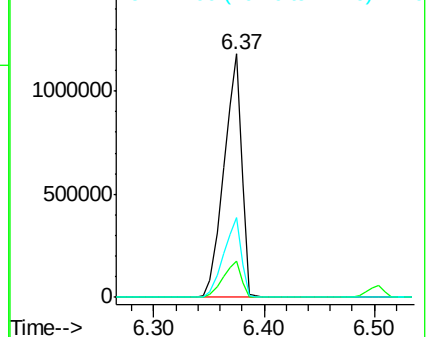
99 100

42 15.0 13.5 20.3

71 32.6 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



#10

Phenol

Concen: 3.586 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF098114.D

Acq: 29 Aug 2017 16:47

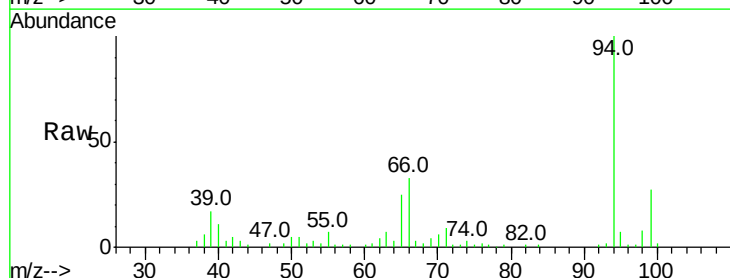
Tgt Ion: 94 Resp: 46983

Ion Ratio Lower Upper

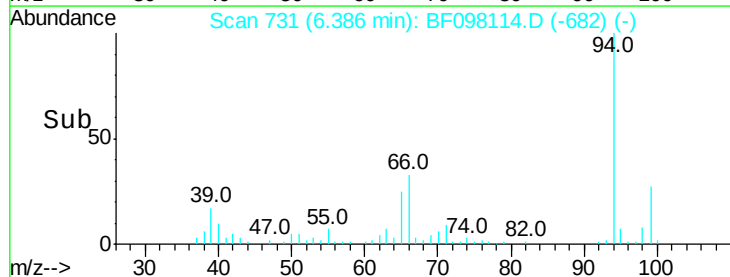
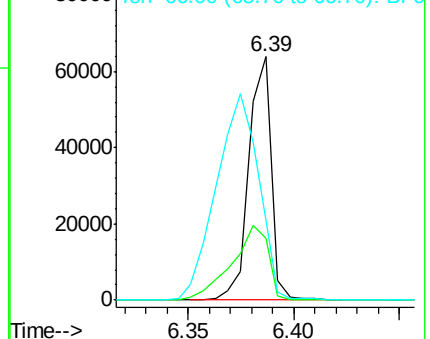
94 100

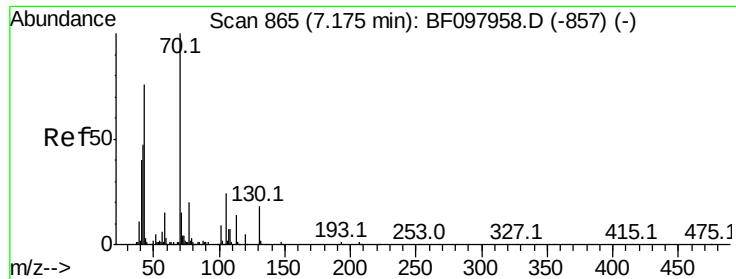
65 25.2 9.9 49.9

66 32.9 23.1 63.1



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: 14.714 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.12 min

Lab File: BF098114.D

Acq: 29 Aug 2017 16:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 112835

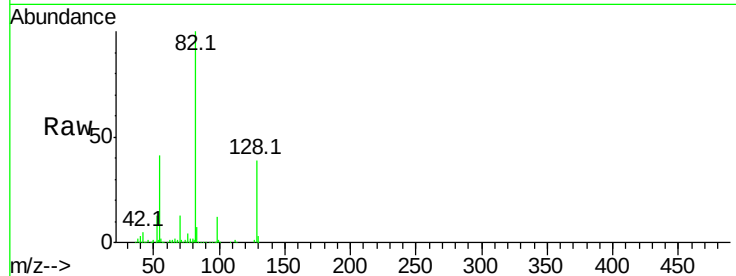
Ion Ratio Lower Upper

70 100

42 40.4 47.2 70.8#

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#

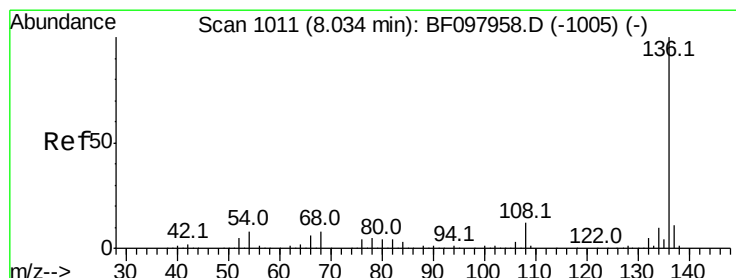
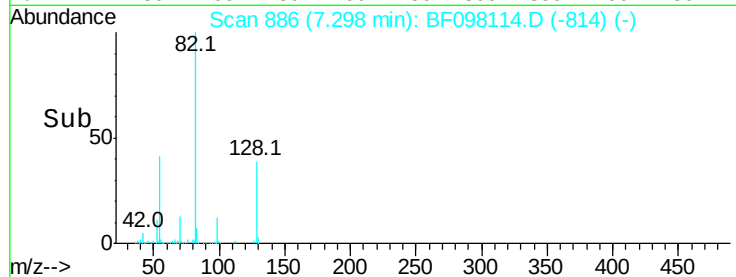
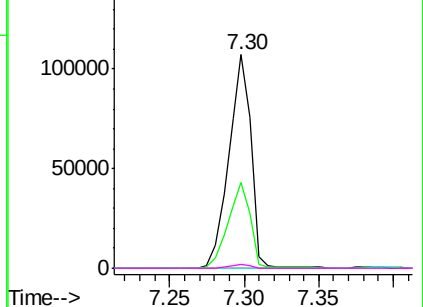


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF098114.D

Acq: 29 Aug 2017 16:47

Tgt Ion: 136 Resp: 516985

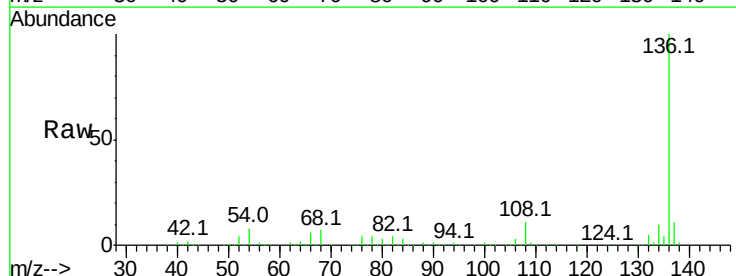
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.5 4.9 7.3#

68 7.0 4.1 6.1#

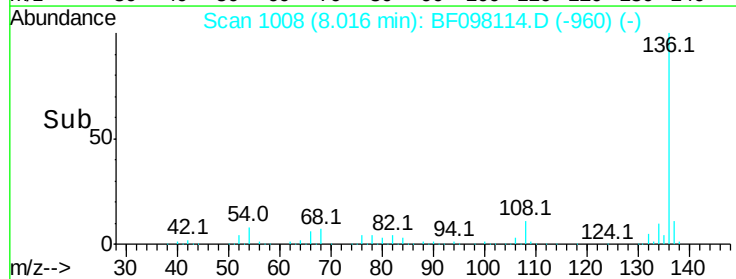
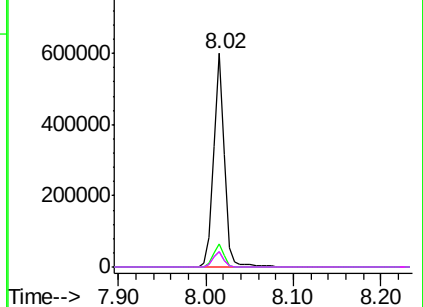


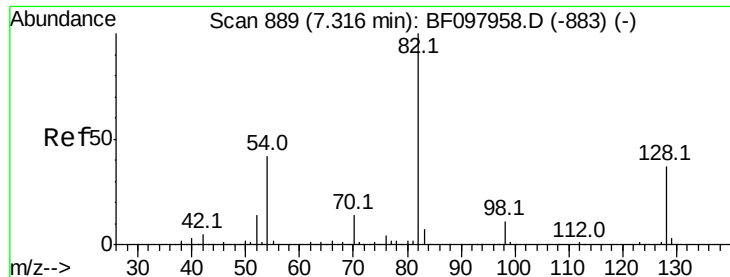
Abundance Ion 136.00 (135.70 to 136.70): BF0

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

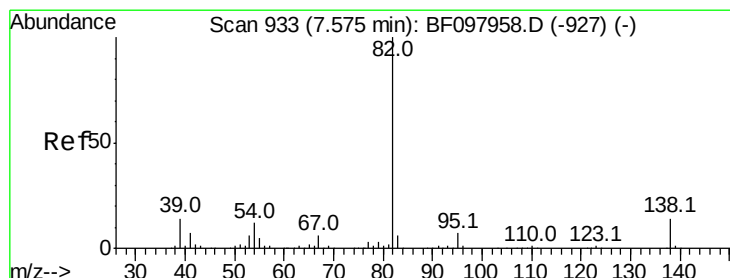
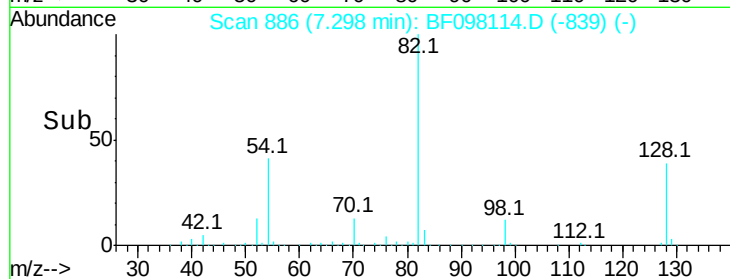
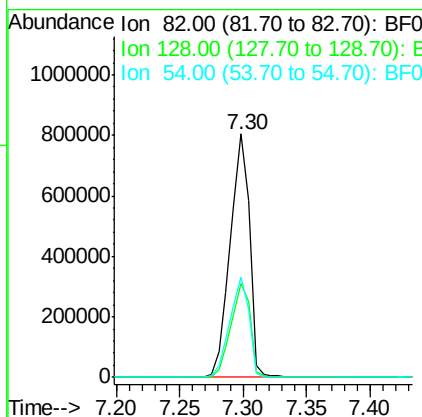
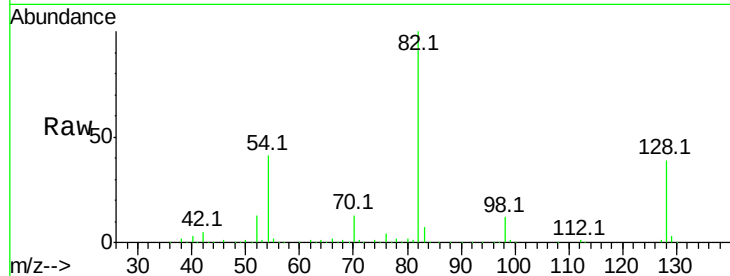




#23
 Nitrobenzene-d5
 Concen: 89.013 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF098114.D
 Acq: 29 Aug 2017 16:47

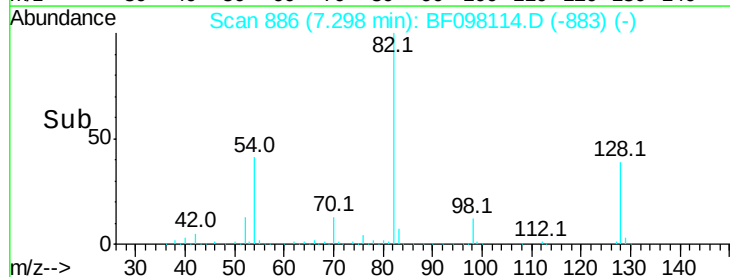
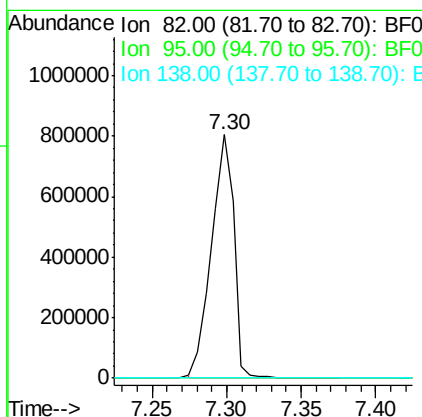
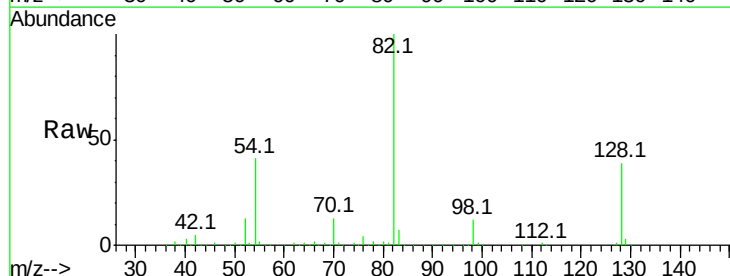
Instrument :
 BNA_F
 ClientSampled :

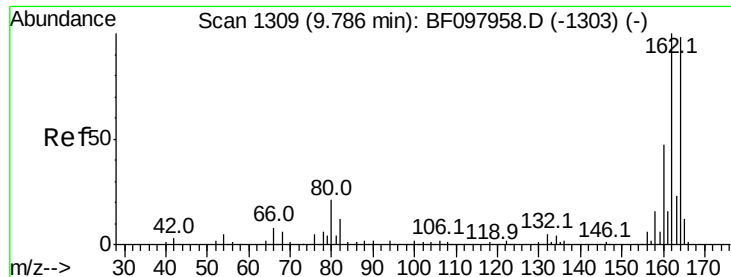
Tot Ion	82	Resp	847103
Ion Ratio	Lower	Upper	
82	100		
128	38.7	34.0	51.0
54	41.3	42.2	63.2#



#25
 Isophorone
 Concen: 42.270 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.28 min
 Lab File: BF098114.D
 Acq: 29 Aug 2017 16:47

Tgt Ion	82	Resp	836465
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

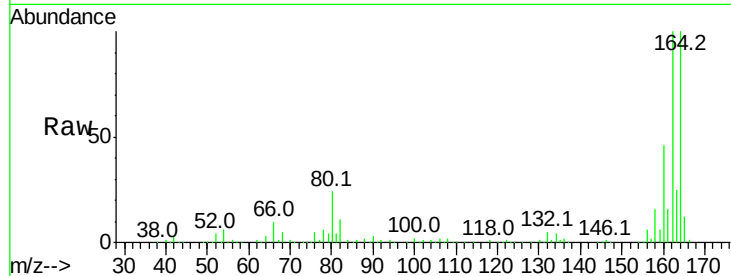




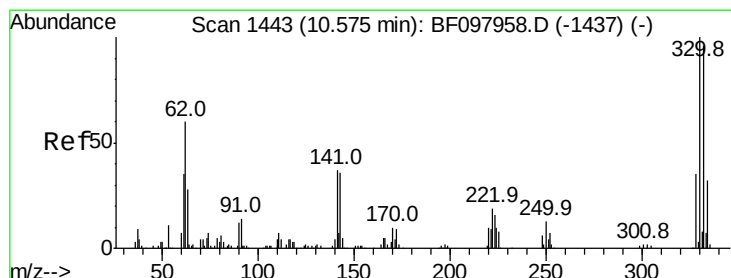
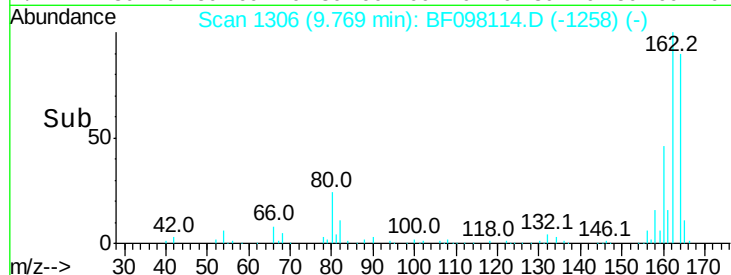
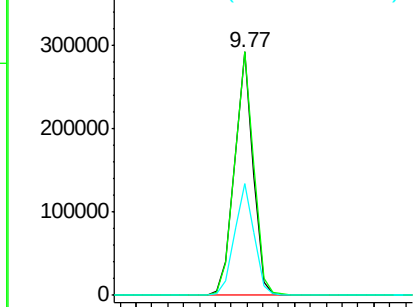
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF098114.D
 Acq: 29 Aug 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 238951
 Ion Ratio Lower Upper
 164 100
 162 100.0 82.6 123.8
 160 46.0 36.2 54.2

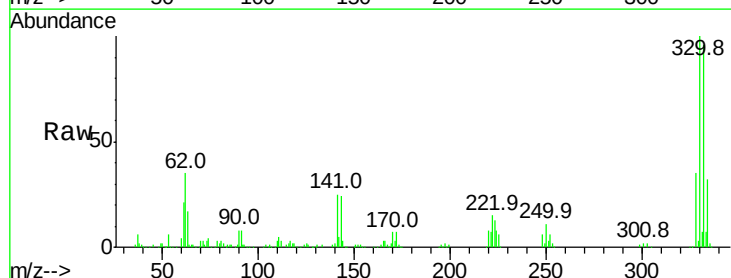


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

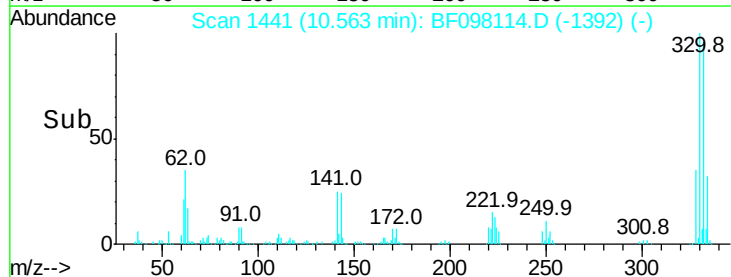
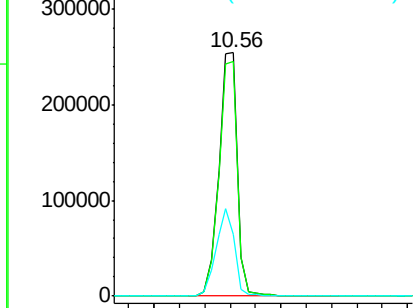


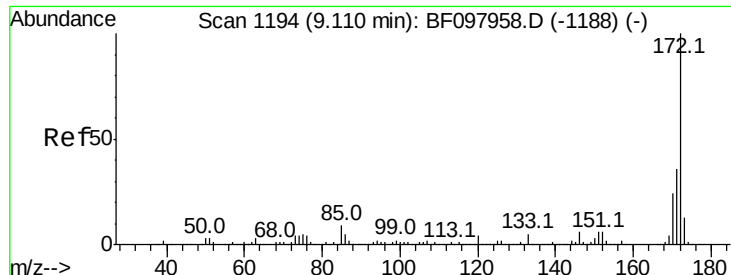
#41
 2,4,6-Tribromophenol
 Concen: 125.456 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098114.D
 Acq: 29 Aug 2017 16:47

Tgt Ion:330 Resp: 260106
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 35.9 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

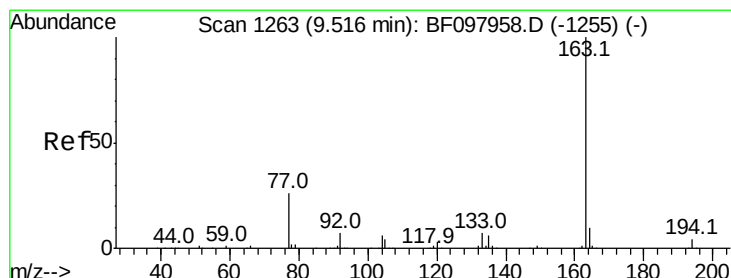
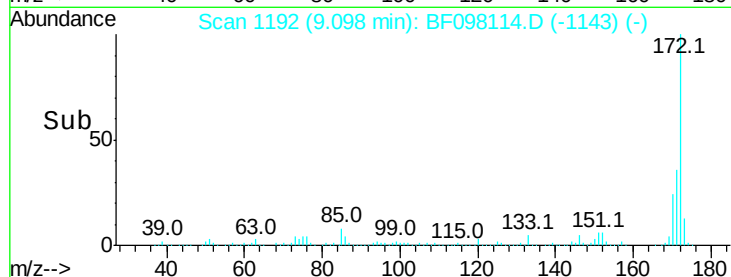
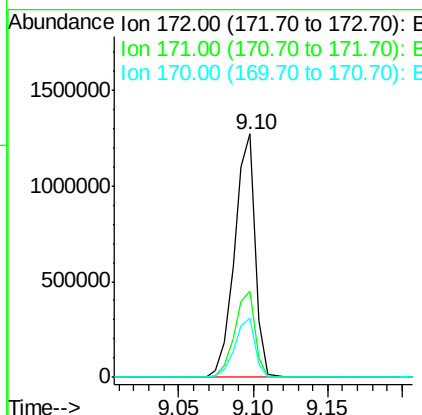
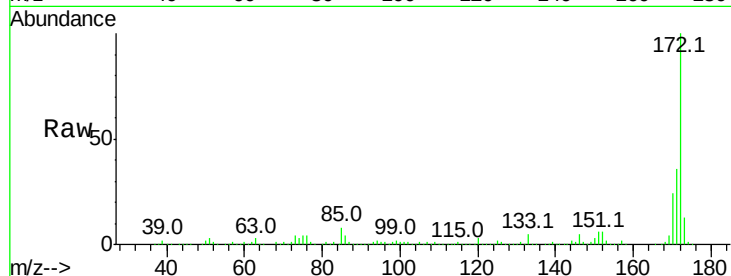




#44
2-Fluorobiphenyl
Concen: 76.075 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF098114.D
Acq: 29 Aug 2017 16:47

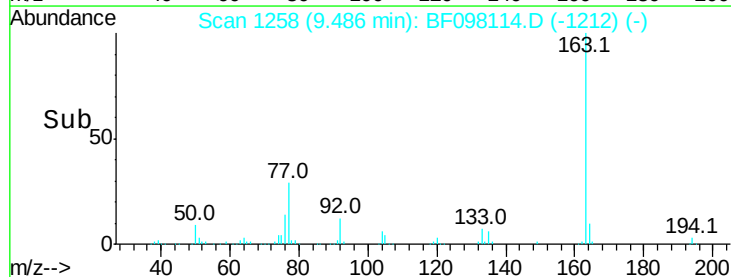
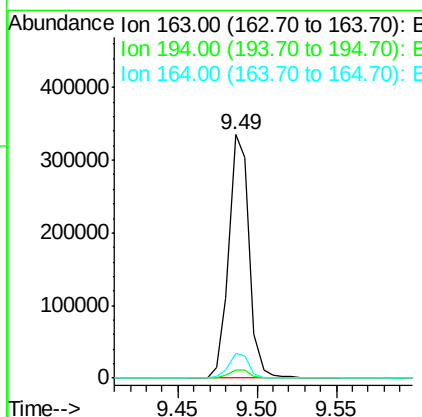
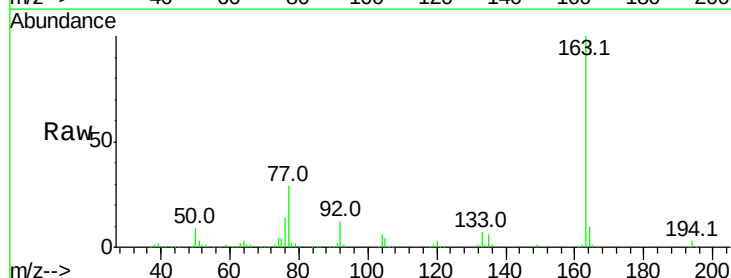
Instrument :
BNA_F
ClientSampleId :

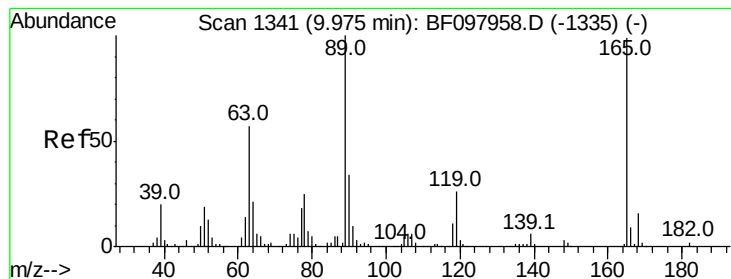
Tot Ion:172 Resp: 1237274
Ion Ratio Lower Upper
172 100
171 35.5 29.6 44.4
170 24.4 19.8 29.8



#49
Dimethylphthalate
Concen: 17.141 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF098114.D
Acq: 29 Aug 2017 16:47

Tgt Ion:163 Resp: 299403
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.9 8.4 12.6

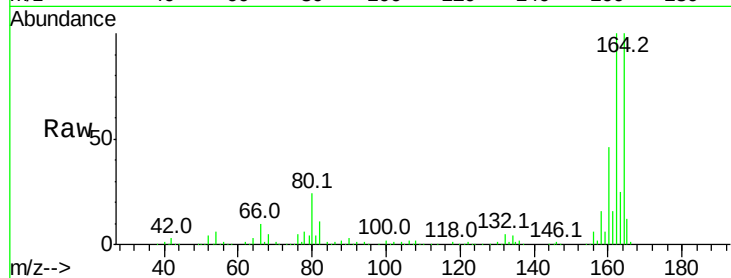




#56
 2,4-Dinitrotoluene
 Concen: 6.828 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.21 min
 Lab File: BF098114.D
 Acq: 29 Aug 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#

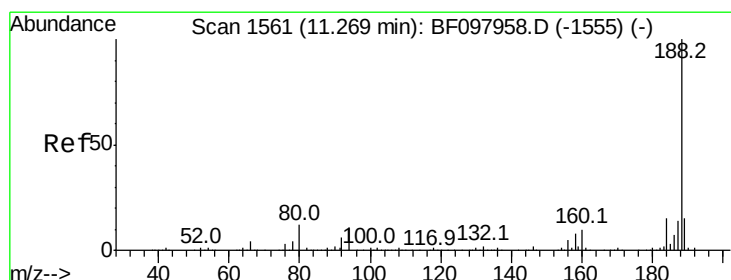
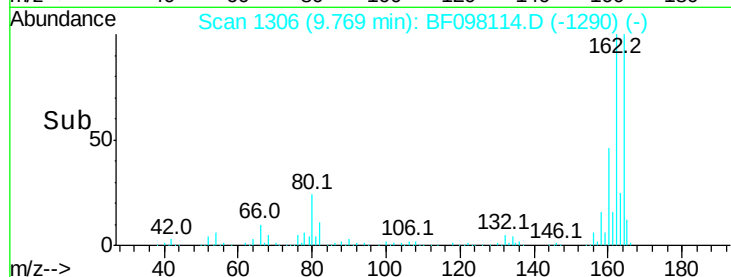
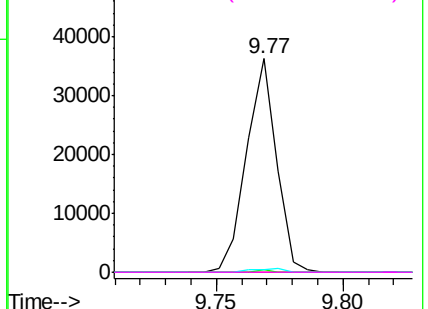


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

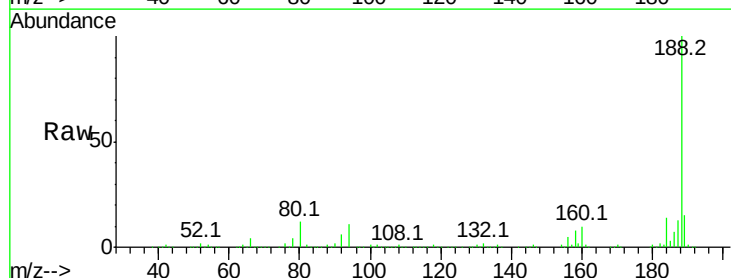
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF098114.D
 Acq: 29 Aug 2017 16:47

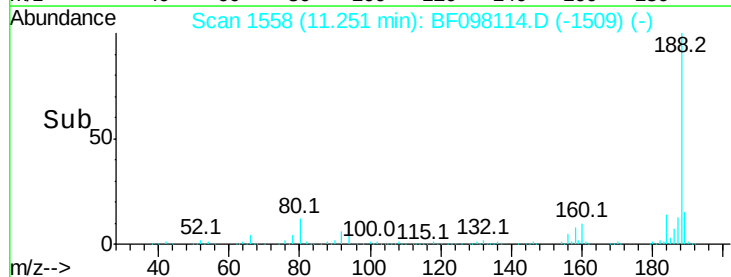
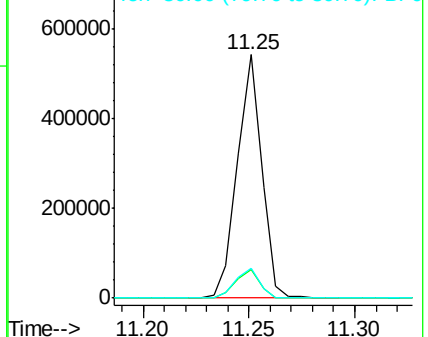
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.4	14.2
80	12.2	10.2	15.2

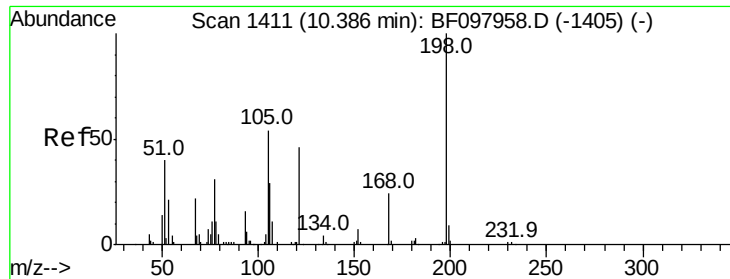


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

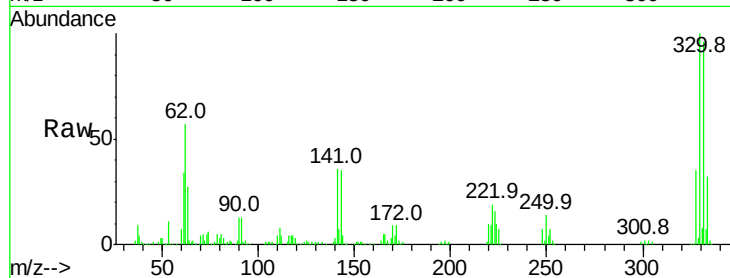




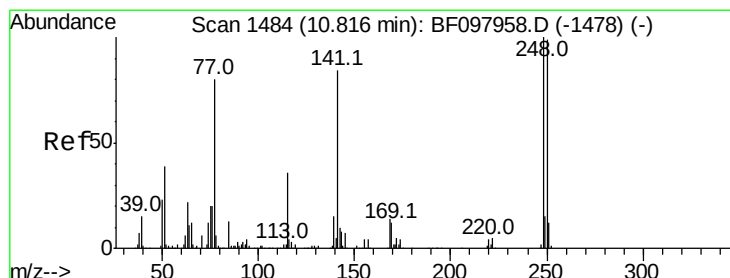
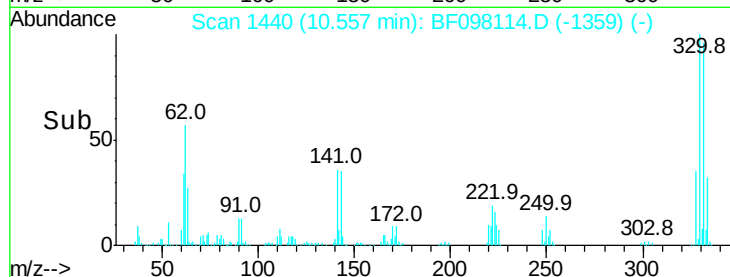
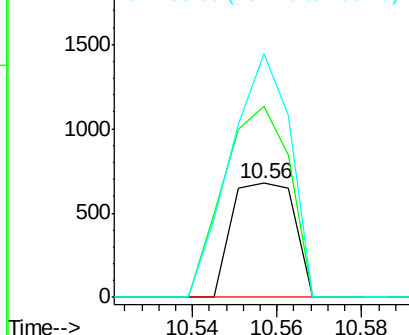
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.602 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.18 min
 Lab File: BF098114.D
 Acq: 29 Aug 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	167.5	53.2	93.2#
105	213.3	45.8	85.8#

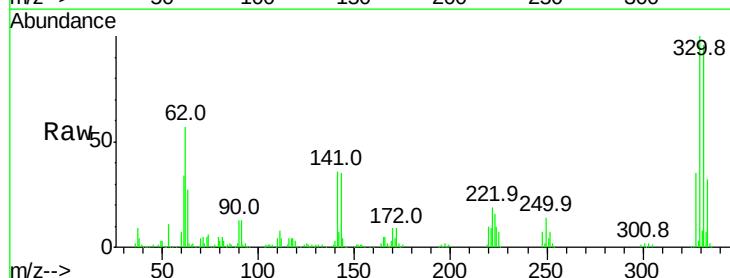


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

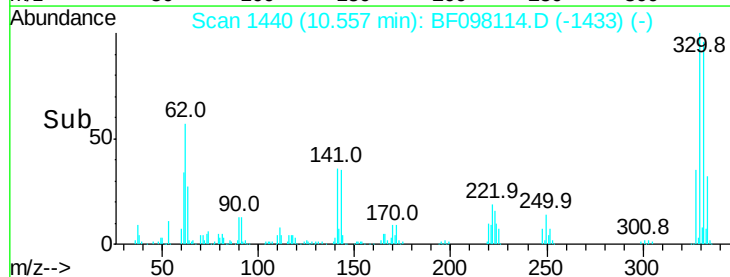
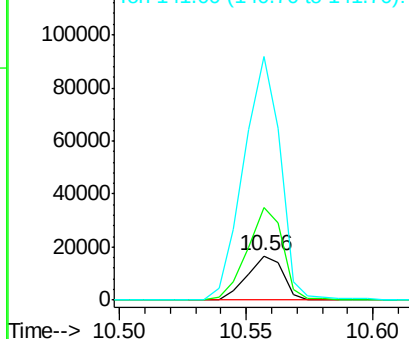


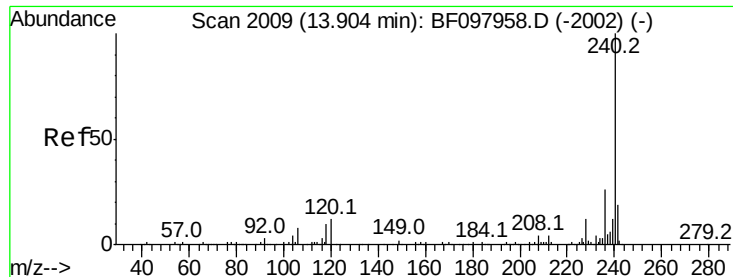
#66
 4-Bromophenyl-phenylether
 Concen: 3.673 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.26 min
 Lab File: BF098114.D
 Acq: 29 Aug 2017 16:47

Tgt Ion	Ratio	Lower	Upper
248	100		
250	208.7	76.8	115.2#
141	552.3	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: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF098114.D

Acq: 29 Aug 2017 16:47

Instrument :

BNA_F

ClientSampleId :

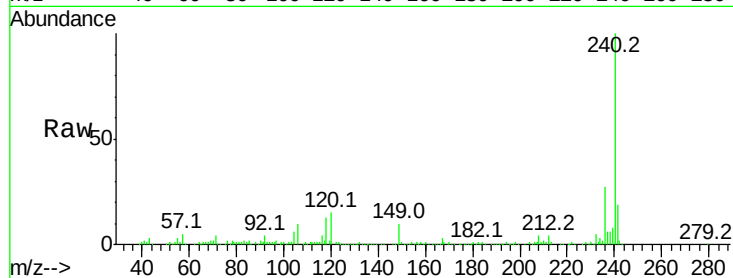
Tot Ion:240 Resp: 252840

Ion Ratio Lower Upper

240 100

120 14.7 5.8 8.8#

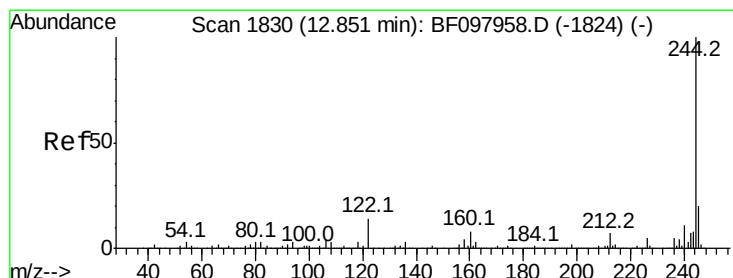
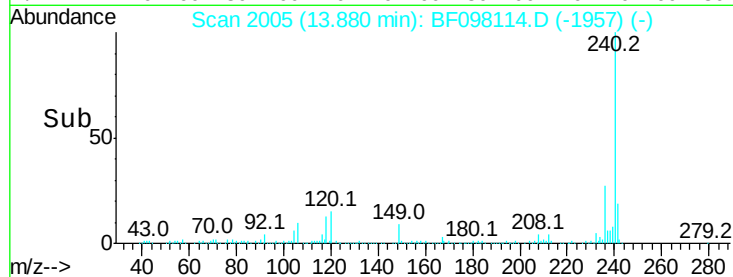
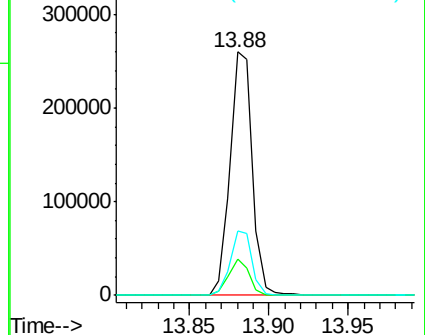
236 26.5 20.5 30.7



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: 75.437 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF098114.D

Acq: 29 Aug 2017 16:47

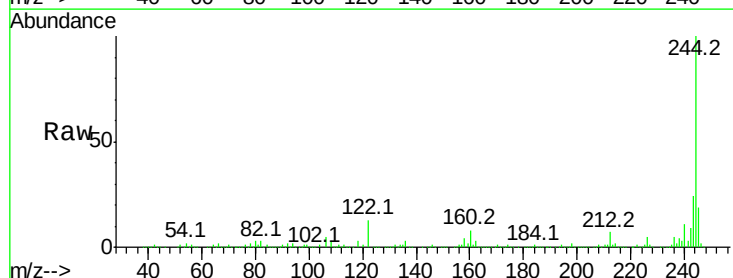
Tgt Ion:244 Resp: 914651

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

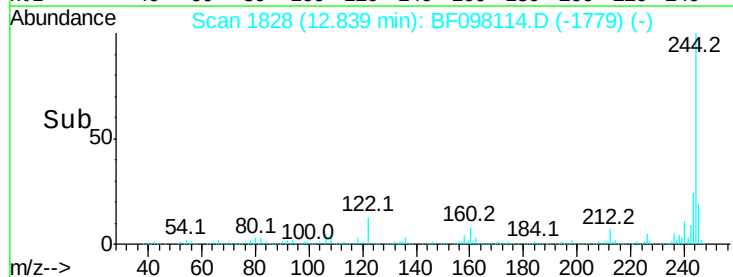
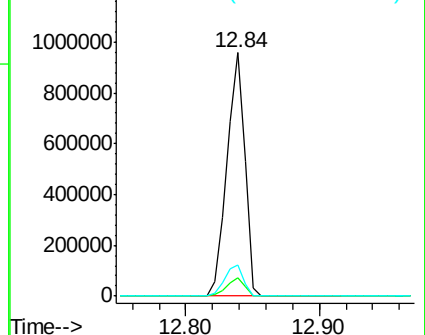
122 13.1 10.3 15.5

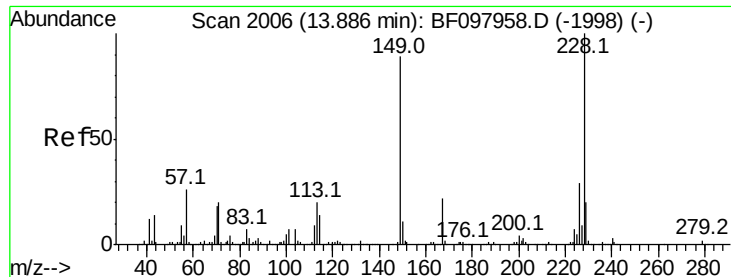


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

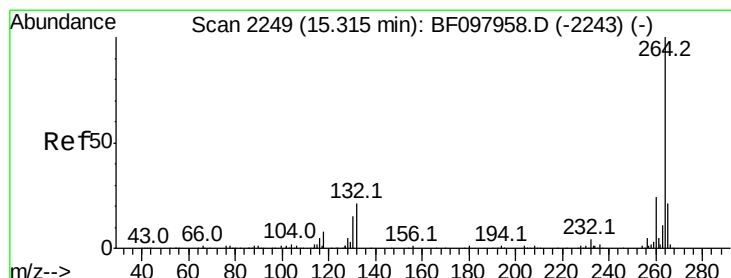
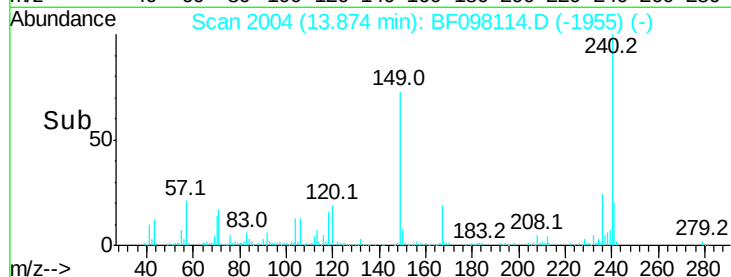
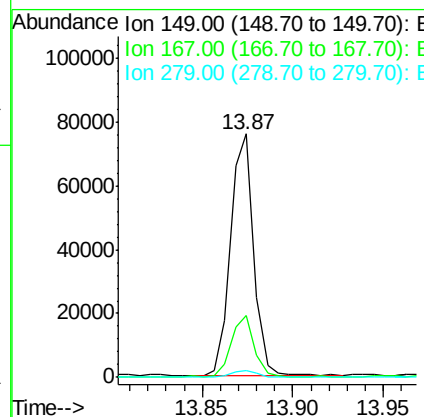
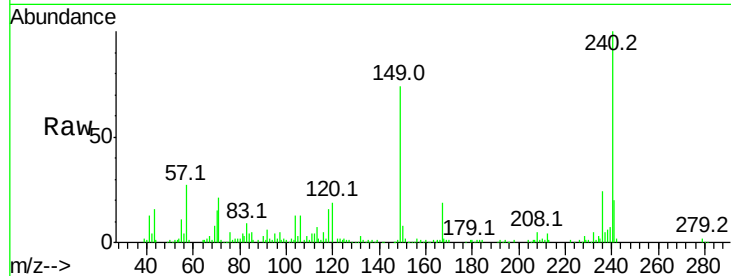




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 7.583 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BF098114.D
 Acq: 29 Aug 2017 16:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:149 Resp: 66620
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.0 31.4
 279 3.0 1.9 2.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BF098114.D
 Acq: 29 Aug 2017 16:47

Tgt Ion:264 Resp: 232797
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.5 29.3
 265 21.9 17.2 25.8

