

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097504.D
 Acq On : 9 Aug 2017 8:31
 Operator : SJ/JU
 Sample : PB101261BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101261BL

Quant Time: Aug 09 08:55:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

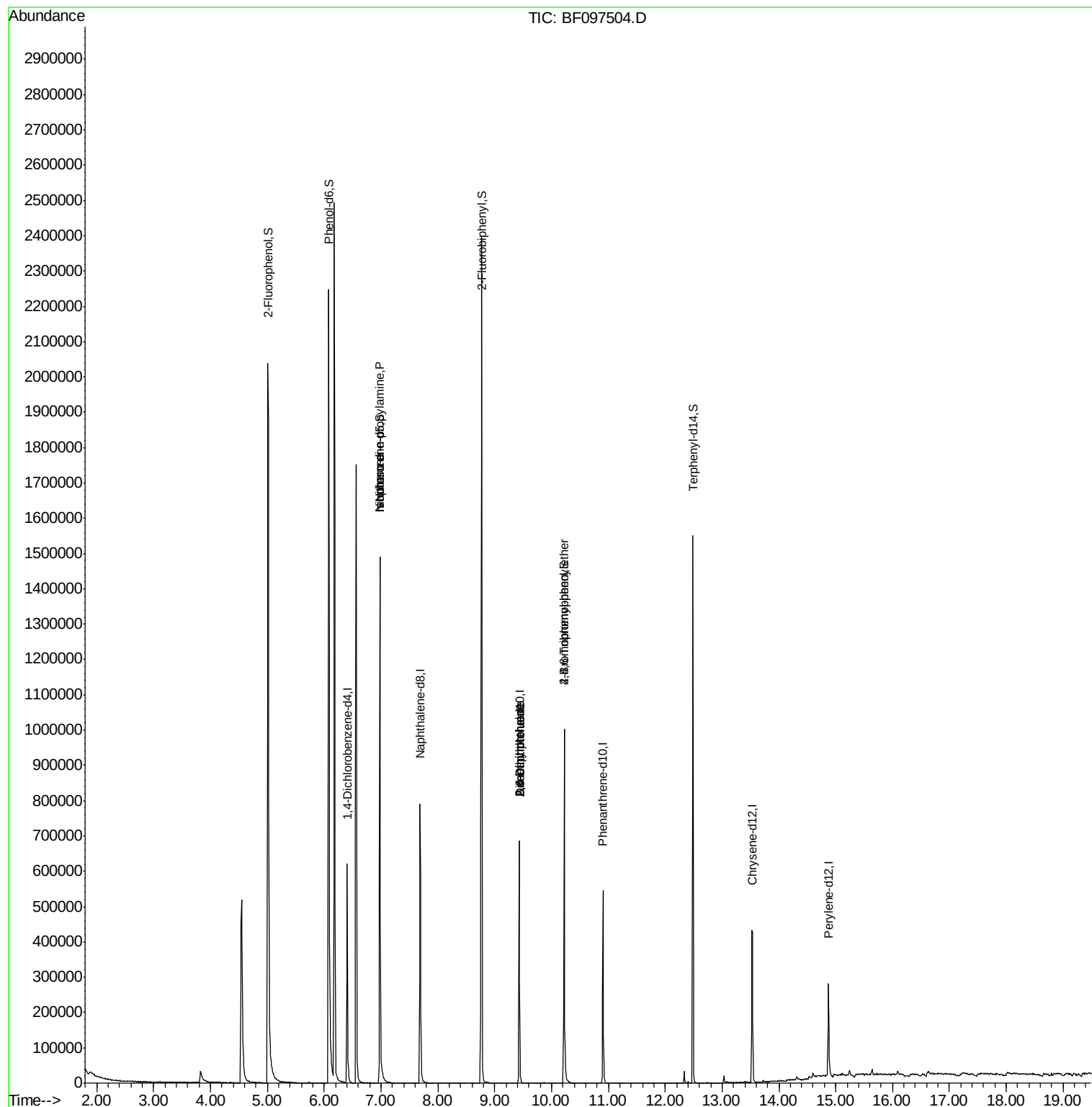
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	93128	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	376583	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	140031	20.00	ng	0.00
63) Phenanthrene-d10	10.90	188	203128	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	164068	20.00	ng	0.00
86) Perylene-d12	14.87	264	112323	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.01	112	727474	117.76	ng	0.00
7) Phenol-d6	6.08	99	832762	118.08	ng	0.00
23) Nitrobenzene-d5	6.98	82	502977	78.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.22	330	115484	104.38	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	785936	95.25	ng	0.00
78) Terphenyl-d14	12.49	244	497739	61.85	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.98	70	66856	14.40	ng	# 87
25) Isophorone	6.98	82	502973	40.01	ng	# 67
49) Dimethylphthalate	9.43	163	41259	3.88	ng	# 1
50) 2,6-Dinitrotoluene	9.43	165	17375	7.70	ng	# 34
56) 2,4-Dinitrotoluene	9.43	165	17375	6.70	ng	# 34
66) 4-Bromophenyl-phenylether	10.22	248	7123	3.51	ng	# 1

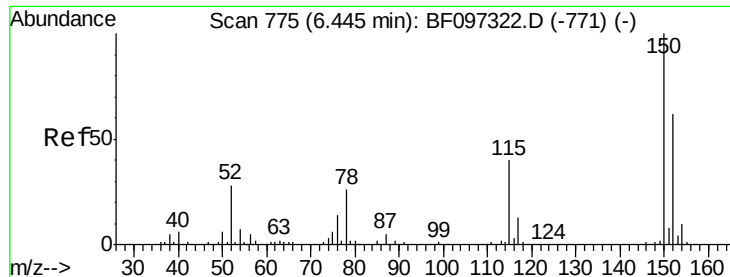
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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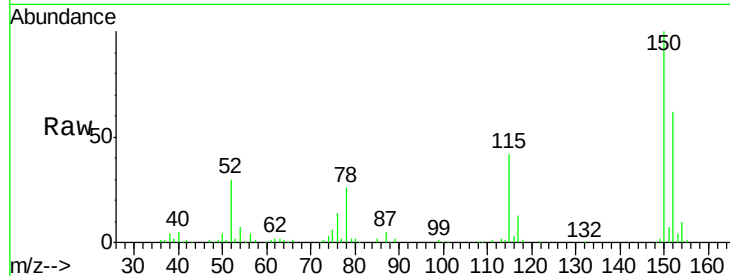


#1

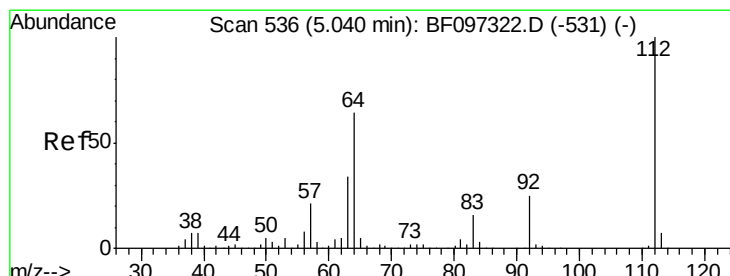
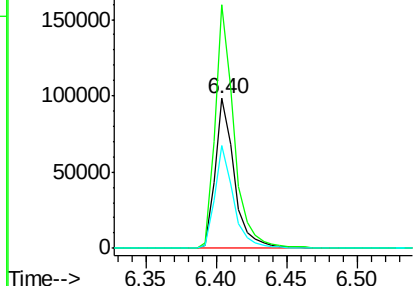
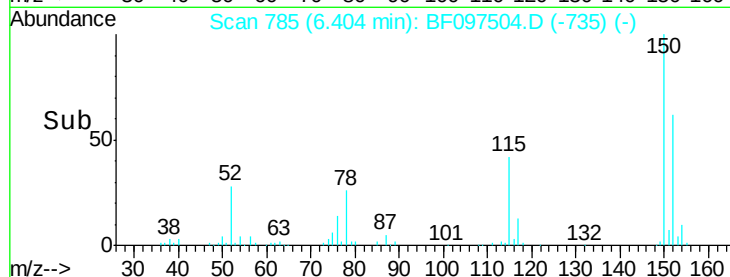
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097504.D
Acq: 9 Aug 2017 8:31

Instrument :
BNA_F
ClientSampleId :
PB101261BL

Tot Ion:152 Resp: 93128
Ion Ratio Lower Upper
152 100
150 162.3 126.2 189.2
115 68.6 52.2 78.2



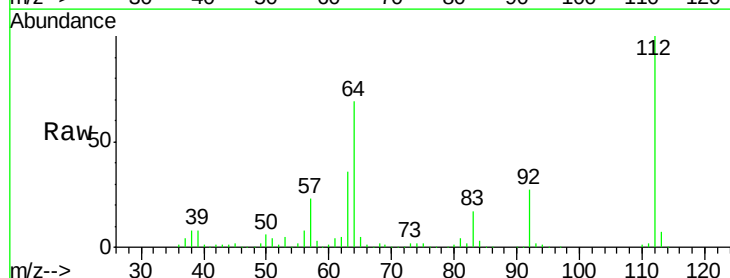
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



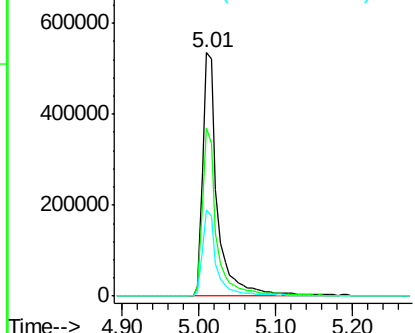
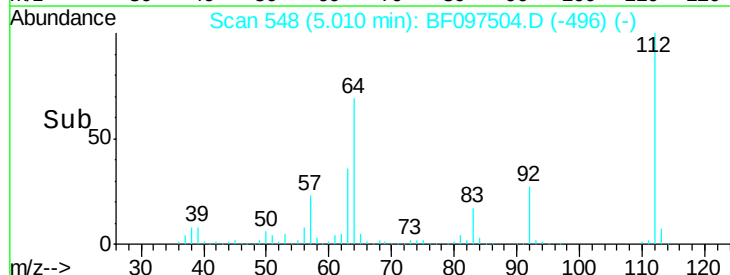
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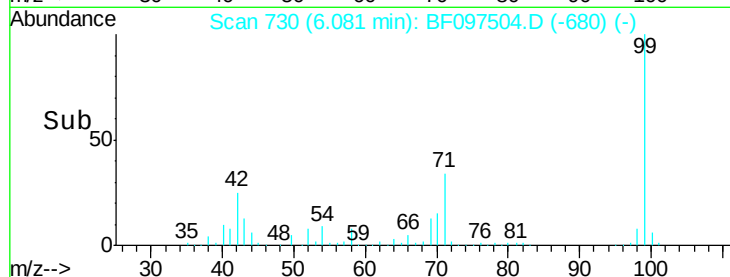
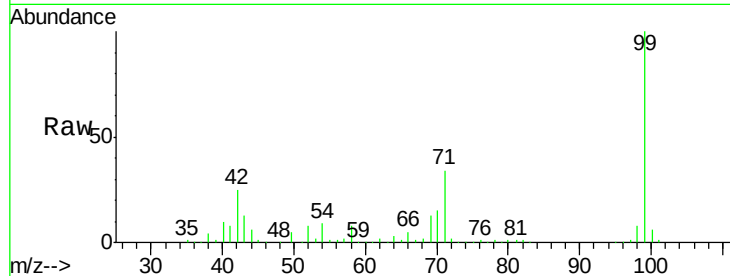
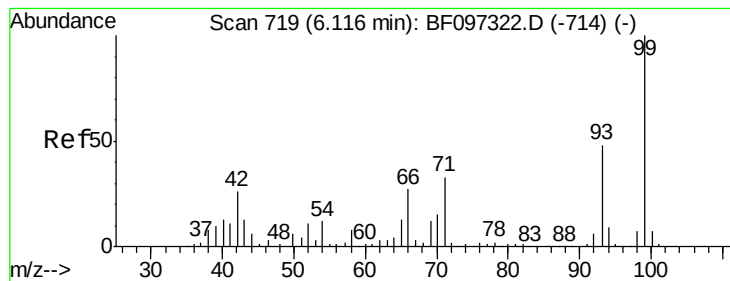
2-Fluorophenol
Concen: 117.76 ng
RT: 5.01 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF097504.D
Acq: 9 Aug 2017 8:31

Tgt Ion:112 Resp: 727474
Ion Ratio Lower Upper
112 100
64 69.3 46.0 69.0#
63 35.6 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: 118.08 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097504.D

Acq: 9 Aug 2017 8:31

Instrument :

BNA_F

ClientSampleId :

PB101261BL

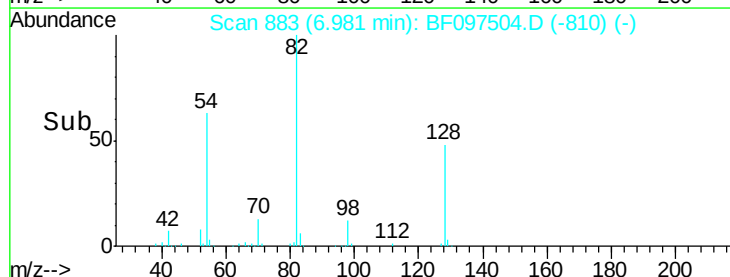
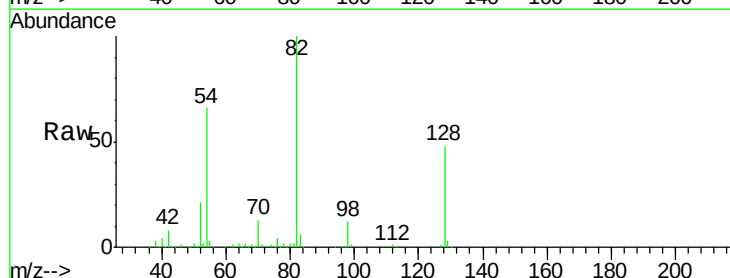
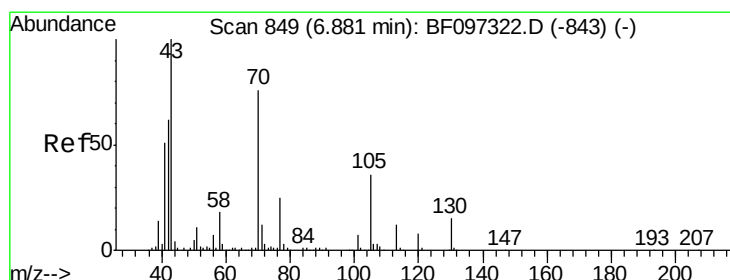
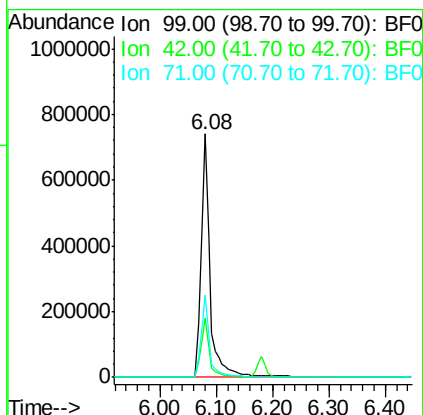
Tot Ion: 99 Resp: 832762

Ion Ratio Lower Upper

99 100

42 24.5 13.5 20.3#

71 33.9 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 14.40 ng

RT: 6.98 min Scan# 883

Delta R.T. 0.13 min

Lab File: BF097504.D

Acq: 9 Aug 2017 8:31

Tgt Ion: 70 Resp: 66856

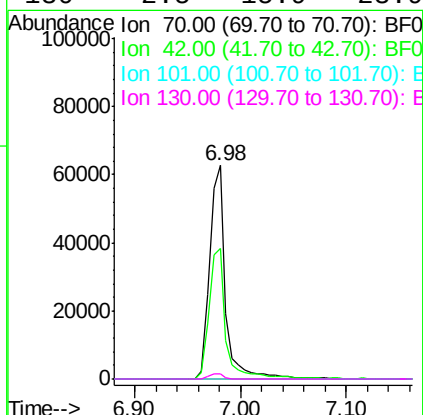
Ion Ratio Lower Upper

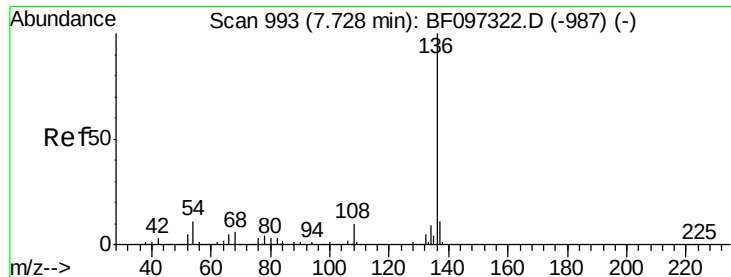
70 100

42 61.4 47.2 70.8

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

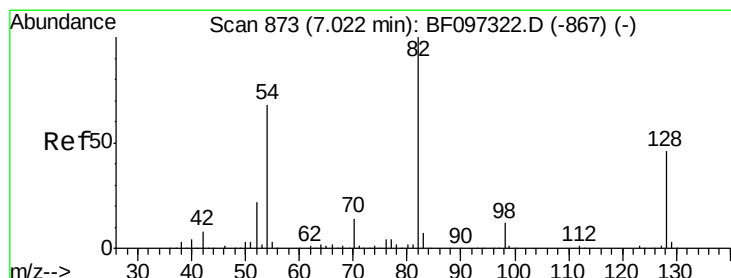
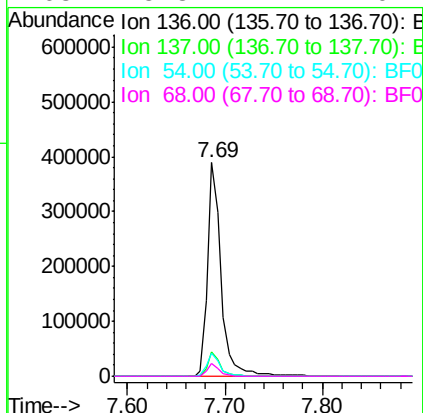
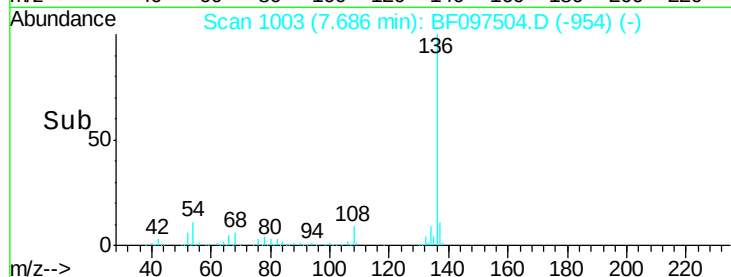
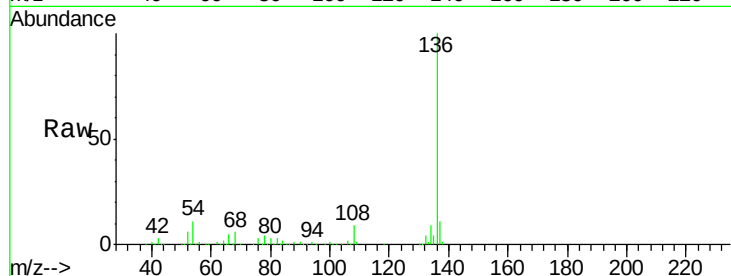




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.69 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF097504.D
Acq: 9 Aug 2017 8:31

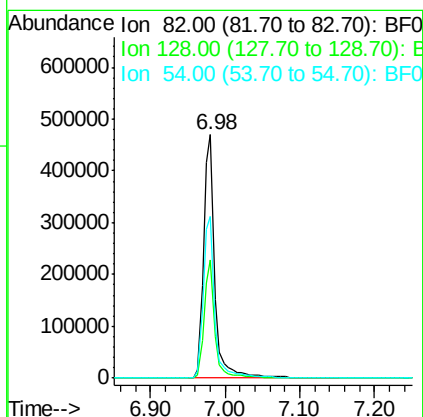
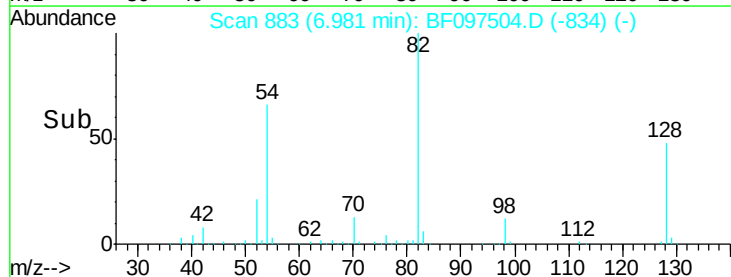
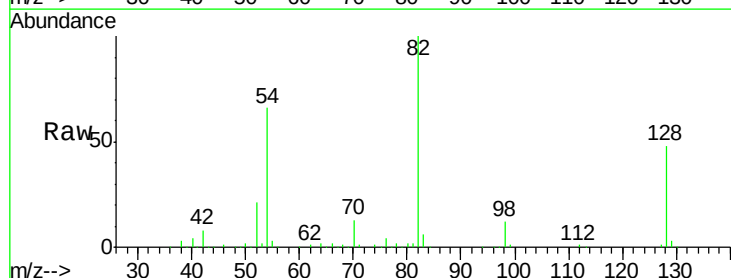
Instrument :
BNA_F
ClientSampleId :
PB101261BL

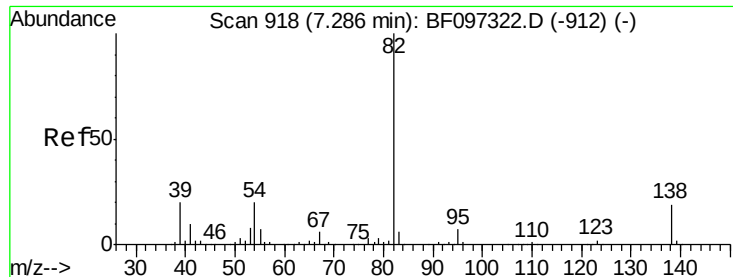
Tot Ion:136	Resp:	376583
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.5 12.7
54	11.1	4.9 7.3#
68	5.8	4.1 6.1



#23
Nitrobenzene-d5
Concen: 78.35 ng
RT: 6.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF097504.D
Acq: 9 Aug 2017 8:31

Tgt Ion: 82	Resp:	502977
Ion Ratio	Lower	Upper
82	100	
128	48.3	34.0 51.0
54	66.3	42.2 63.2#





#25

Isophorone

Concen: 40.01 ng

RT: 6.98 min Scan# 883

Delta R.T. -0.27 min

Lab File: BF097504.D

Acq: 9 Aug 2017 8:31

Instrument :

BNA_F

ClientSampleId :

PB101261BL

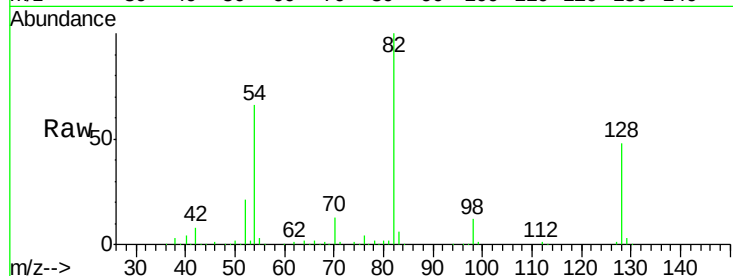
Tot Ion: 82 Resp: 502973

Ion Ratio Lower Upper

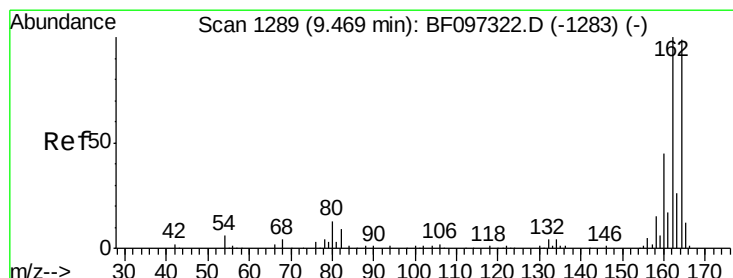
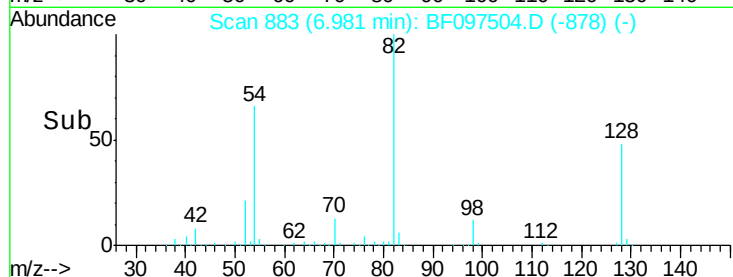
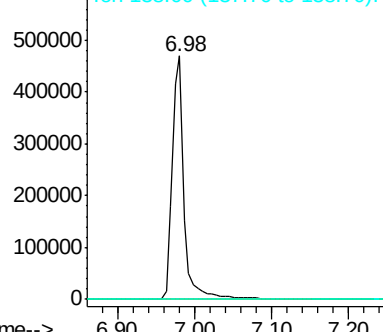
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.43 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF097504.D

Acq: 9 Aug 2017 8:31

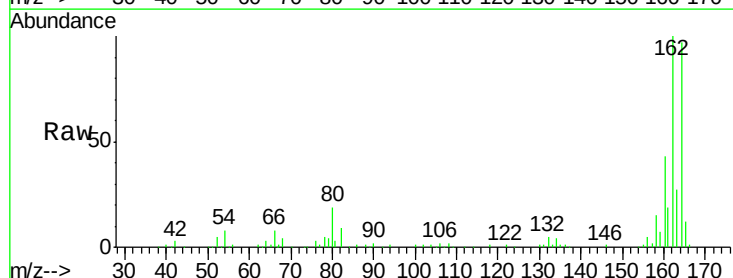
Tgt Ion:164 Resp: 140031

Ion Ratio Lower Upper

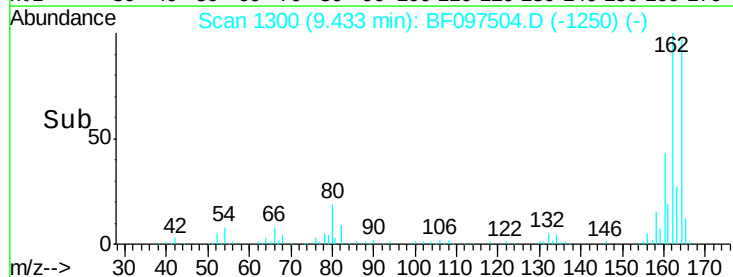
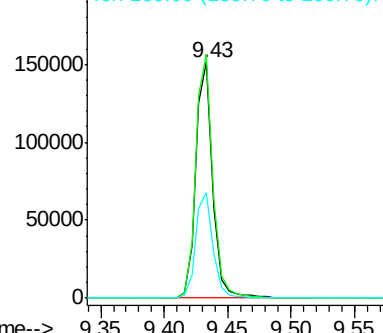
164 100

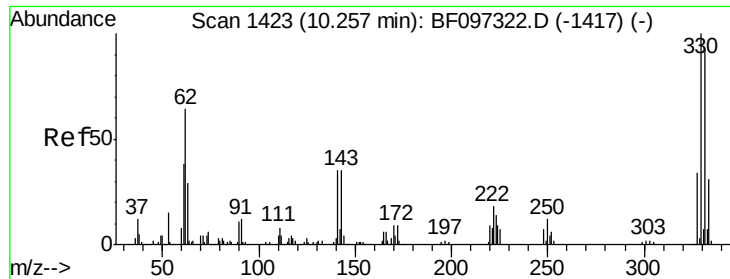
162 103.3 82.6 123.8

160 44.8 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

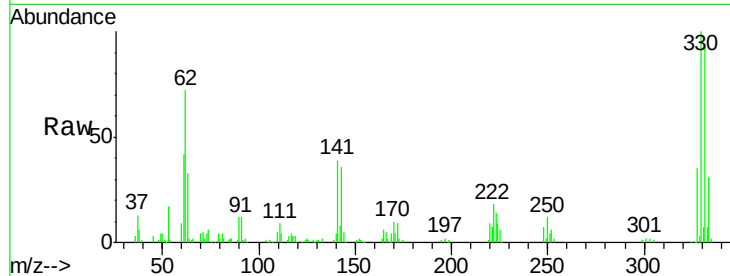




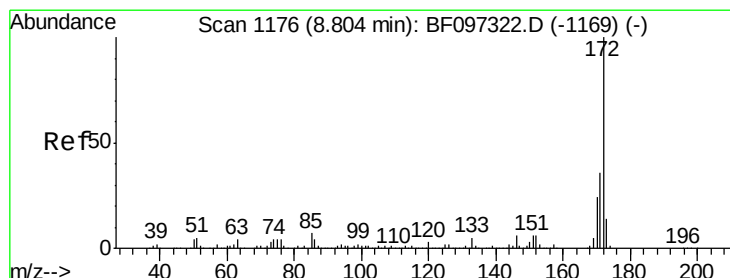
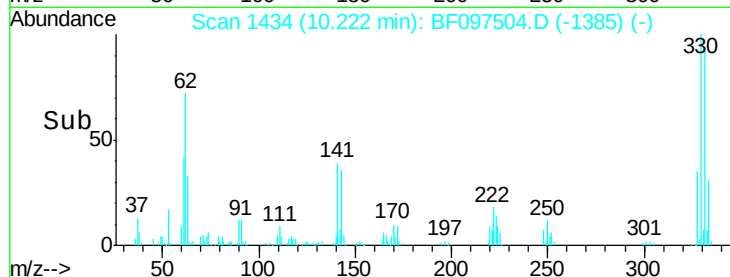
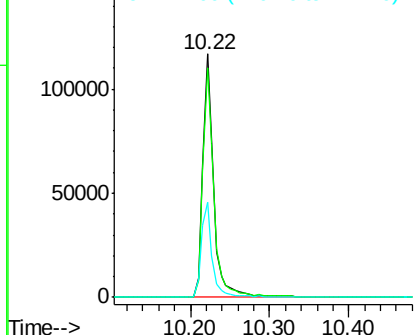
#41
 2,4,6-Tribromophenol
 Concen: 104.38 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097504.D
 Acq: 9 Aug 2017 8:31

Instrument :
 BNA_F
 ClientSampleId :
 PB101261BL

Tot Ion:330 Resp: 115484
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 115.0
 141 39.1 31.4 47.2

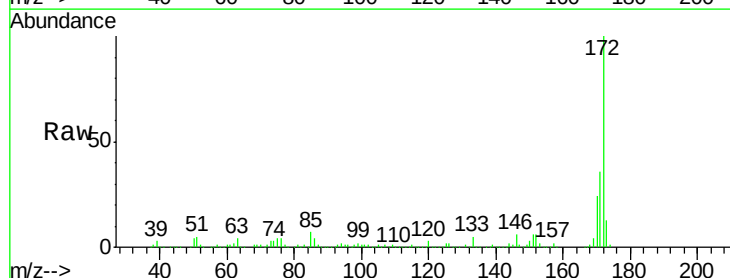


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

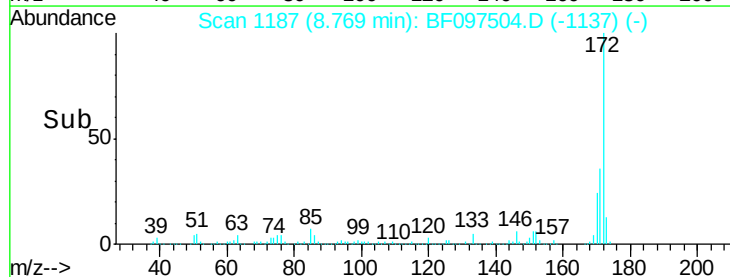
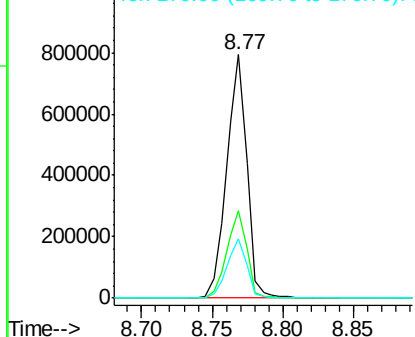


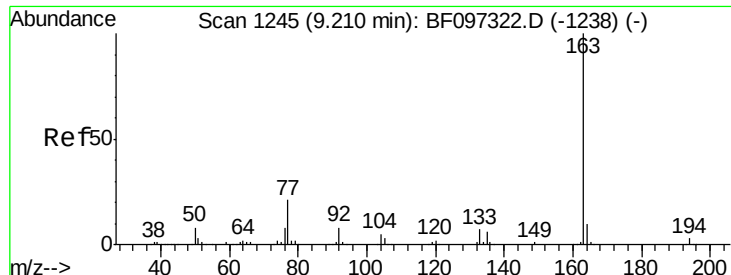
#44
 2-Fluorobiphenyl
 Concen: 95.25 ng
 RT: 8.77 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF097504.D
 Acq: 9 Aug 2017 8:31

Tgt Ion:172 Resp: 785936
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.3 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

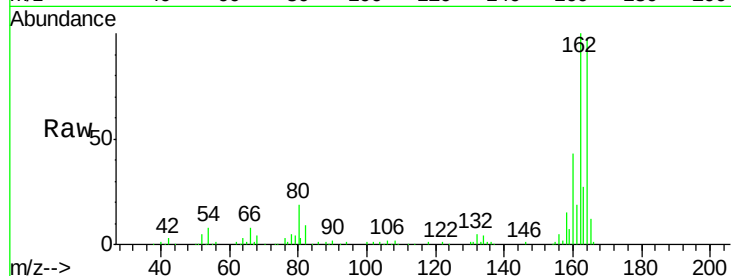




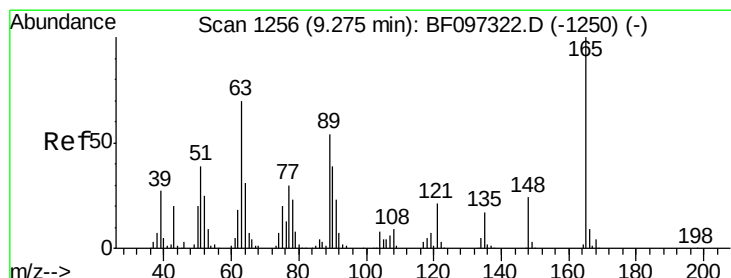
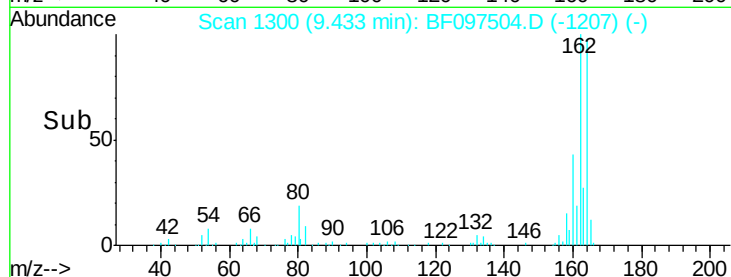
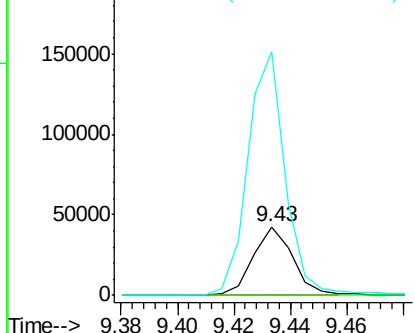
#49
Dimethylphthalate
Concen: 3.88 ng
RT: 9.43 min Scan# 1300
Delta R.T. 0.25 min
Lab File: BF097504.D
Acq: 9 Aug 2017 8:31

Instrument :
BNA_F
ClientSampleId :
PB101261BL

Tot Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.6	4.0#
164	356.6	8.4	12.6#

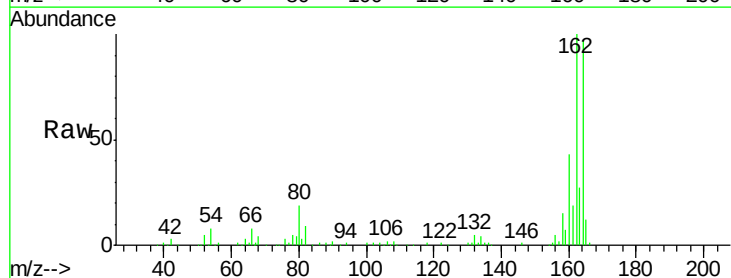


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

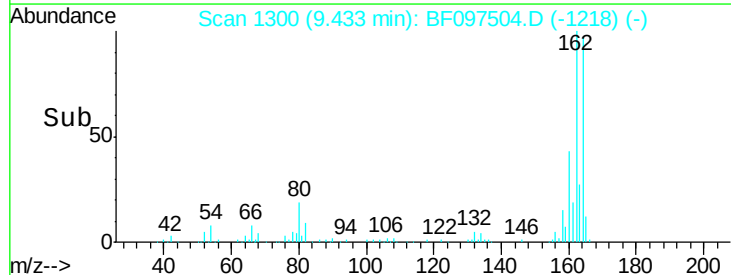
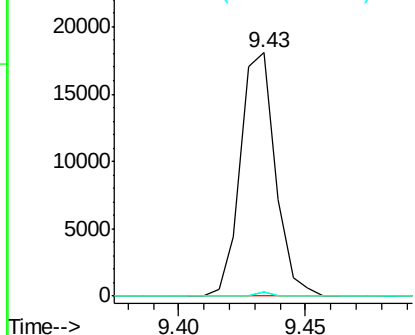


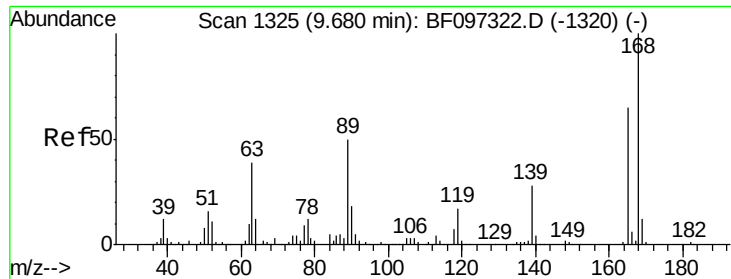
#50
2,6-Dinitrotoluene
Concen: 7.70 ng
RT: 9.43 min Scan# 1300
Delta R.T. 0.18 min
Lab File: BF097504.D
Acq: 9 Aug 2017 8:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	34.3	51.5#
89	1.7	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

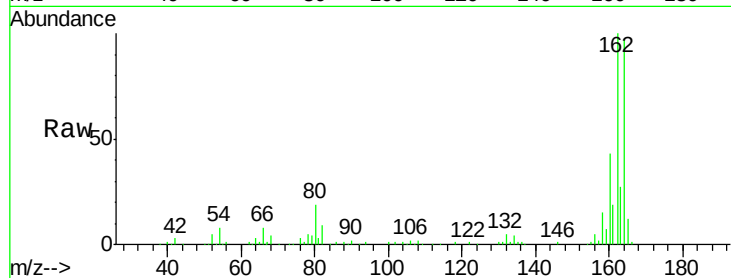




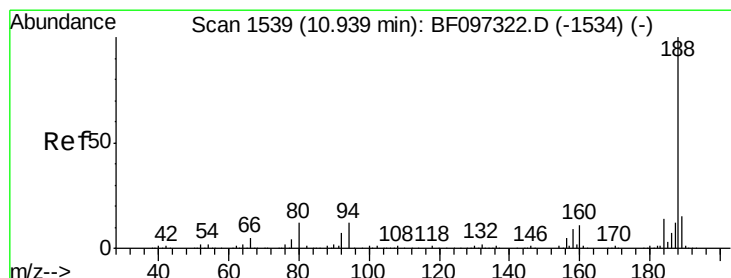
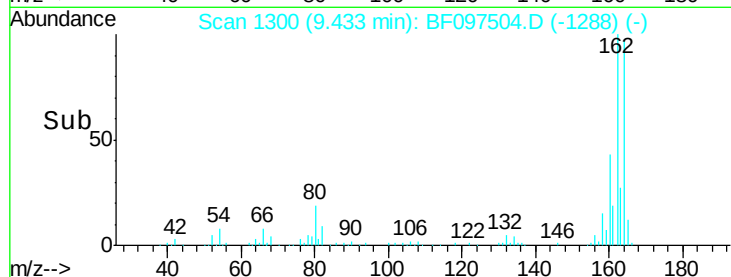
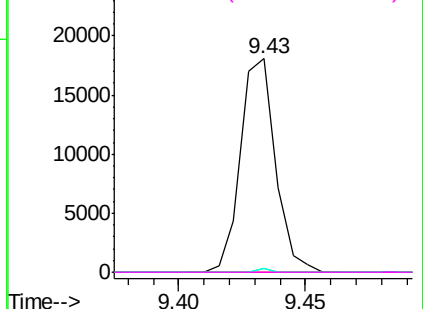
#56
 2,4-Dinitrotoluene
 Concen: 6.70 ng
 RT: 9.43 min Scan# 1300
 Delta R.T. -0.23 min
 Lab File: BF097504.D
 Acq: 9 Aug 2017 8:31

Instrument :
 BNA_F
 ClientSampleId :
 PB101261BL

Tot Ion:	165	Resp:	17375
Ion	Ratio	Lower	Upper
165	100		
63	1.9	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#

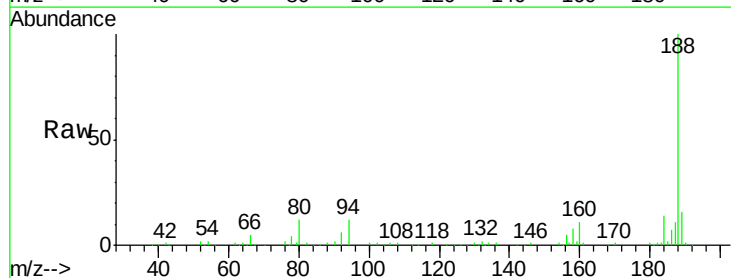


Abundance Ion 165.00 (164.70 to 165.70): E

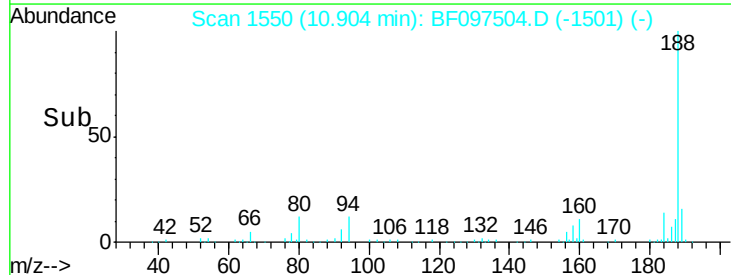
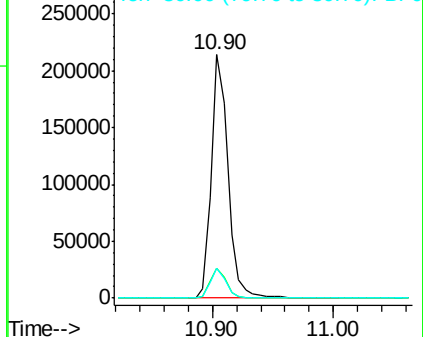


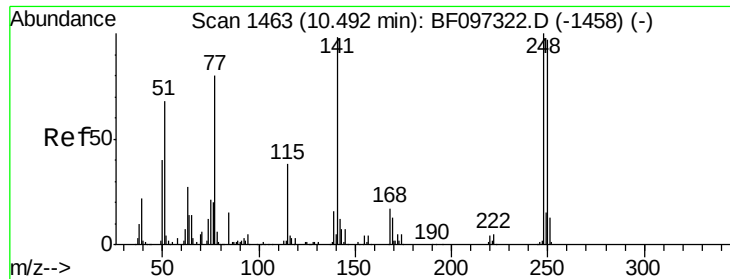
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.90 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF097504.D
 Acq: 9 Aug 2017 8:31

Tgt Ion:	188	Resp:	203128
Ion	Ratio	Lower	Upper
188	100		
94	12.1	9.4	14.2
80	12.1	10.2	15.2



Abundance Ion 188.00 (187.70 to 188.70): E

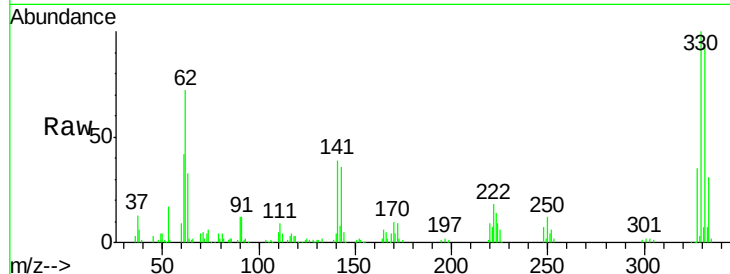




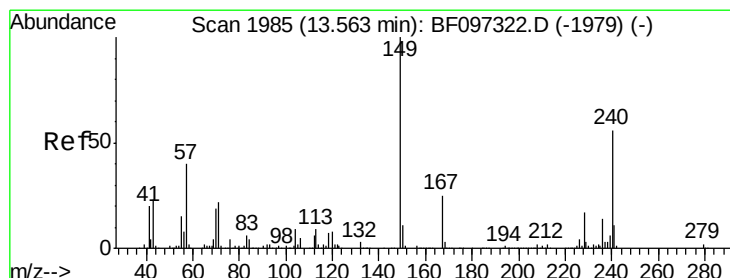
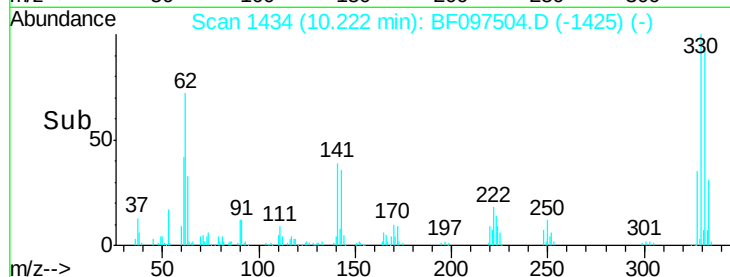
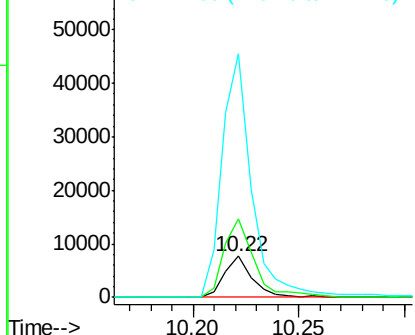
#66
 4-Bromophenyl-phenylether
 Concen: 3.51 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF097504.D
 Acq: 9 Aug 2017 8:31

Instrument :
 BNA_F
 ClientSampleId :
 PB101261BL

Tot Ion:248 Resp: 7123
 Ion Ratio Lower Upper
 248 100
 250 188.9 76.8 115.2#
 141 589.1 68.6 103.0#

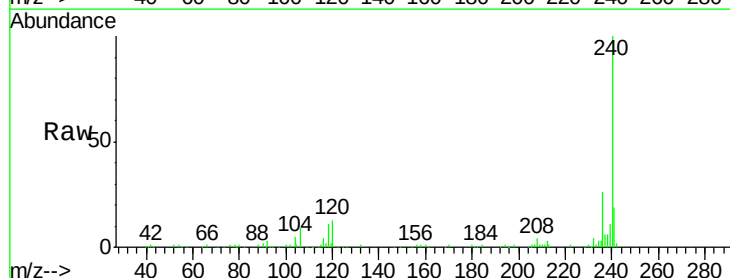


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

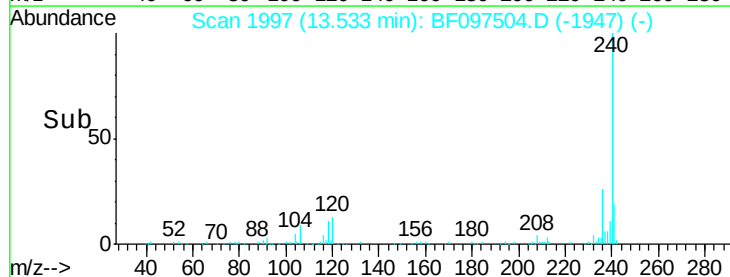
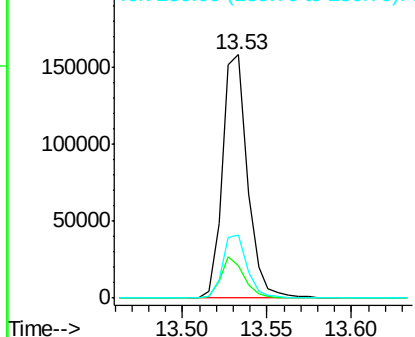


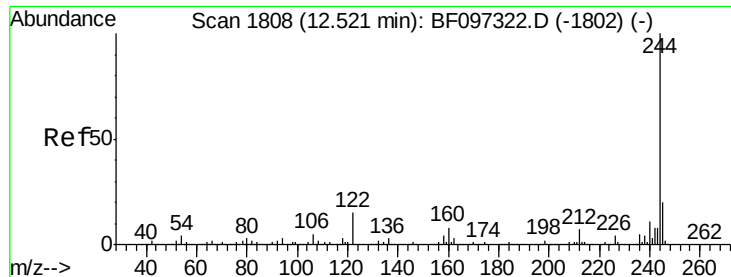
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.53 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF097504.D
 Acq: 9 Aug 2017 8:31

Tgt Ion:240 Resp: 164068
 Ion Ratio Lower Upper
 240 100
 120 13.5 5.8 8.8#
 236 26.0 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

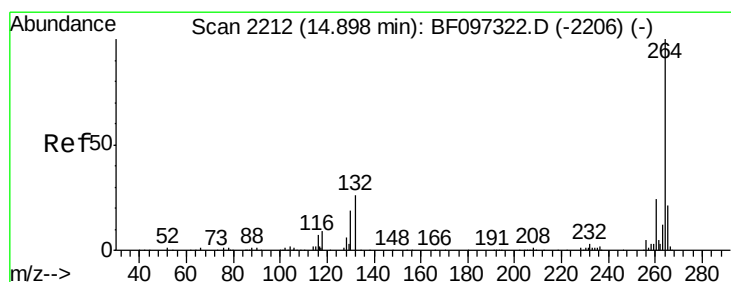
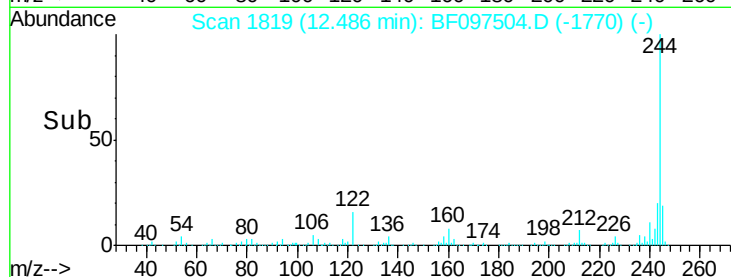
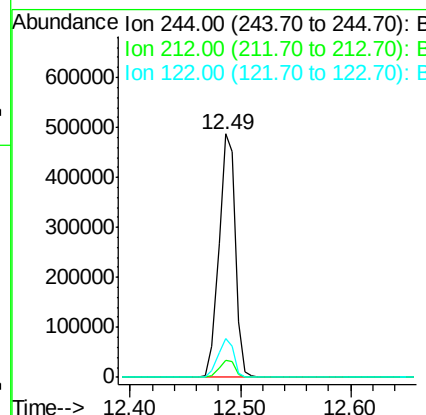
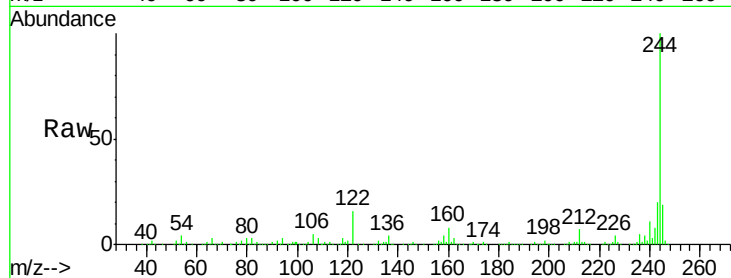




#78
 Terphenyl-d14
 Concen: 61.85 ng
 RT: 12.49 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BF097504.D
 Acq: 9 Aug 2017 8:31

Instrument :
 BNA_F
 ClientSampleId :
 PB101261BL

Tot Ion:244 Resp: 497739
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 16.1 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.87 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: BF097504.D
 Acq: 9 Aug 2017 8:31

Tgt Ion:264 Resp: 112323
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 20.5 17.2 25.8

