

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
 Data File : BF097430.D
 Acq On : 7 Aug 2017 15:42
 Operator : SJ/JU
 Sample : PB101306BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101306BL

Quant Time: Aug 08 04:46:02 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

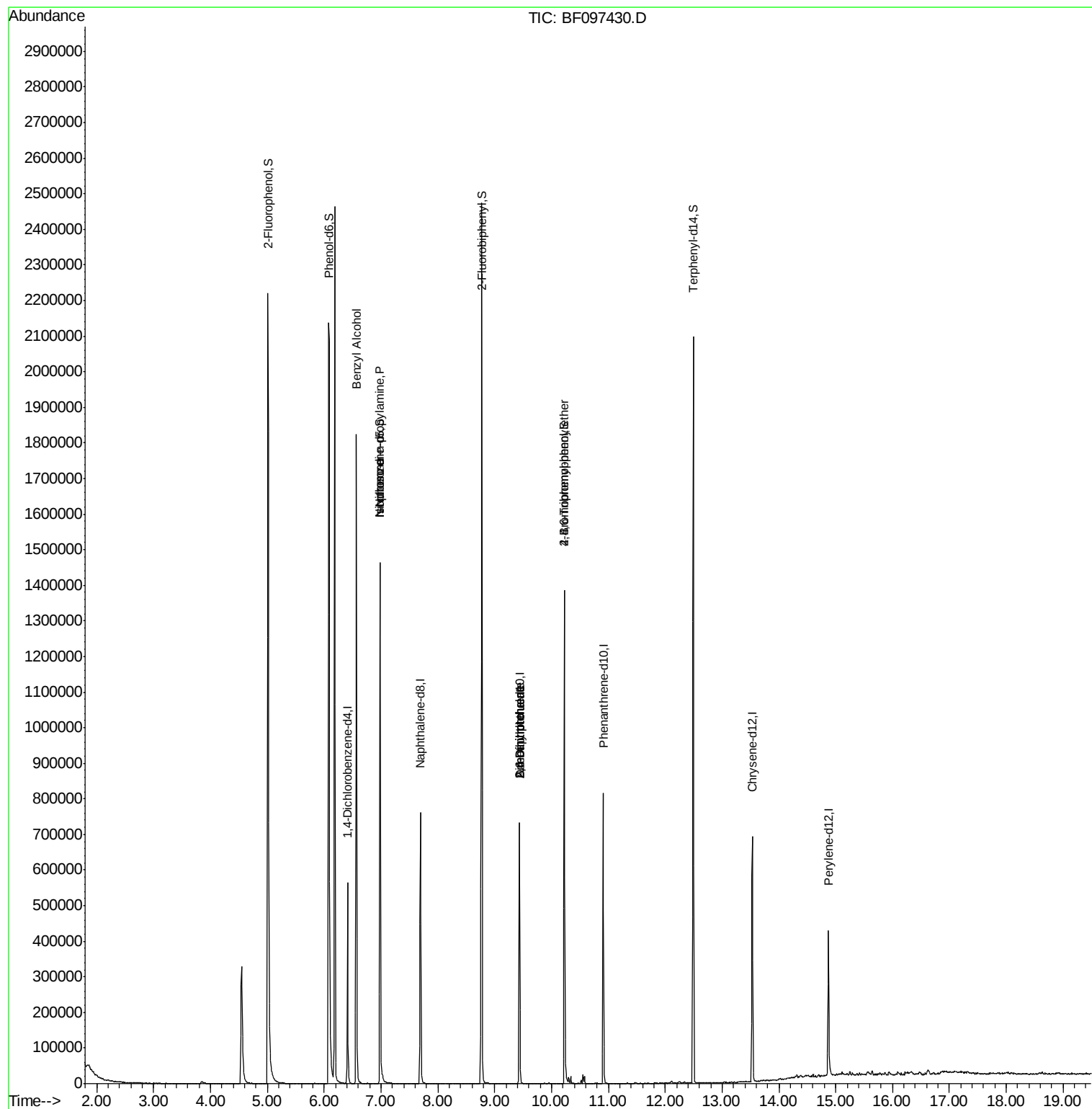
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.41	152	86535	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	367481	20.00	ng	0.00
38) Acenaphthene-d10	9.43	164	158047	20.00	ng	0.00
63) Phenanthrene-d10	10.91	188	279371	20.00	ng	0.00
75) Chrysene-d12	13.53	240	240382	20.00	ng	0.00
86) Perylene-d12	14.87	264	172527	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.01	112	739148	128.76	ng	0.00
7) Phenol-d6	6.09	99	892889	136.25	ng	0.00
23) Nitrobenzene-d5	6.98	82	497860	79.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.23	330	163701	131.09	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	888125	95.37	ng	0.00
78) Terphenyl-d14	12.50	244	733332	62.20	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.56	79	8375	2.02	ng	# 38
19) n-Nitroso-di-n-propylamine	6.98	70	66327	15.38	ng	# 85
25) Isophorone	6.98	82	497856	40.58	ng	# 67
49) Dimethylphthalate	9.44	163	47082	3.92	ng	# 1
50) 2,6-Dinitrotoluene	9.43	165	19780	7.77	ng	# 33
56) 2,4-Dinitrotoluene	9.43	165	19780	6.76	ng	# 32
66) 4-Bromophenyl-phenylether	10.23	248	10191	3.66	ng	# 1

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

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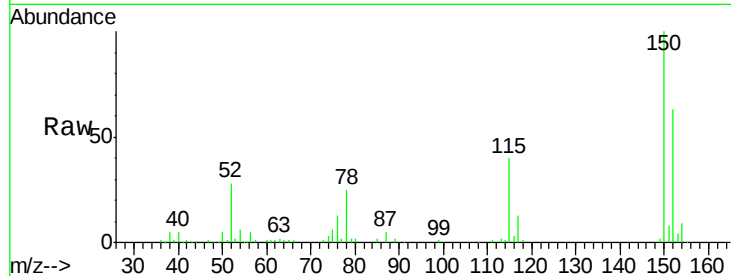


#1

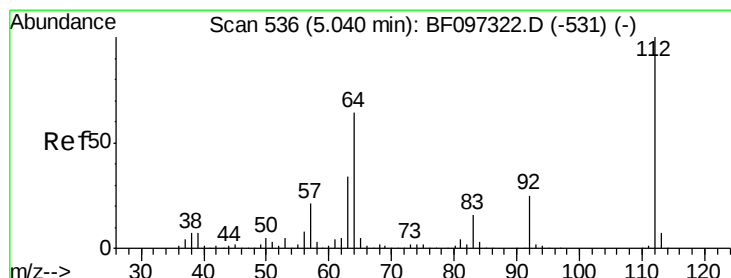
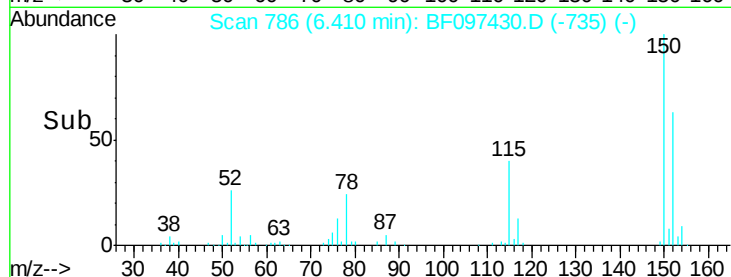
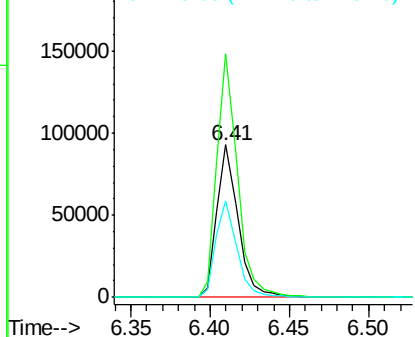
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.41 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF097430.D
Acq: 7 Aug 2017 15:42

Instrument :
BNA_F
ClientSampleId :
PB101306BL

Tot Ion:152 Resp: 86535
Ion Ratio Lower Upper
152 100
150 159.7 126.2 189.2
115 63.6 52.2 78.2



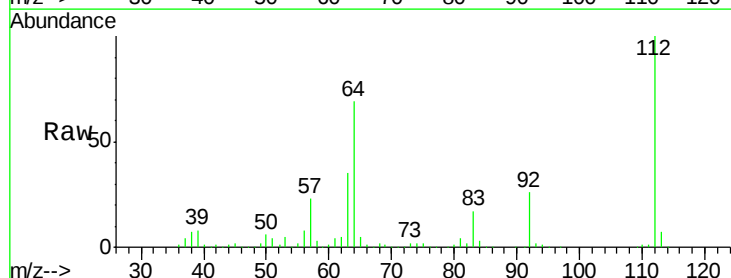
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



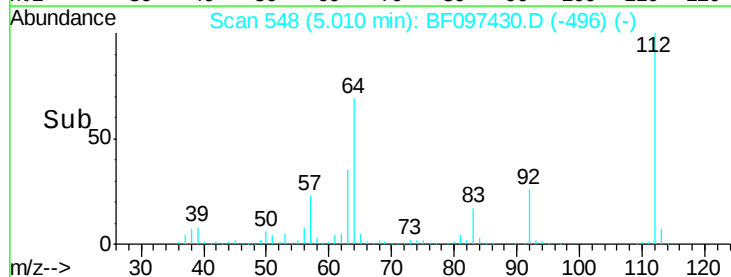
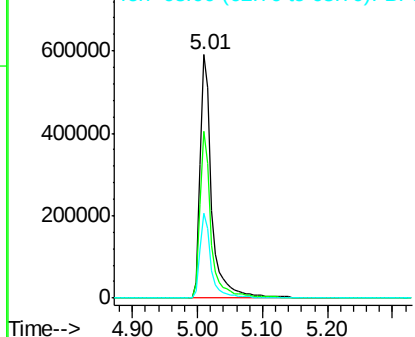
#5

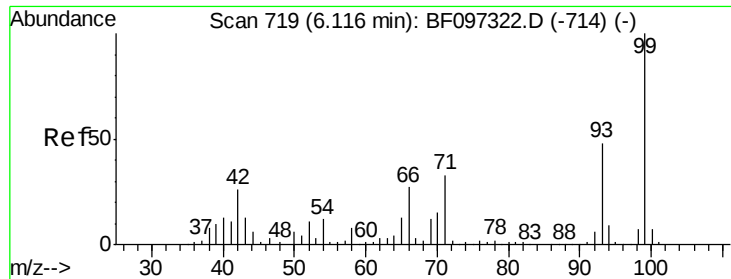
2-Fluorophenol
Concen: 128.76 ng
RT: 5.01 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF097430.D
Acq: 7 Aug 2017 15:42

Tgt Ion:112 Resp: 739148
Ion Ratio Lower Upper
112 100
64 68.7 46.0 69.0
63 35.0 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: 136.25 ng

RT: 6.09 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF097430.D

Acq: 7 Aug 2017 15:42

Instrument :

BNA_F

ClientSampleID :

PB101306BL

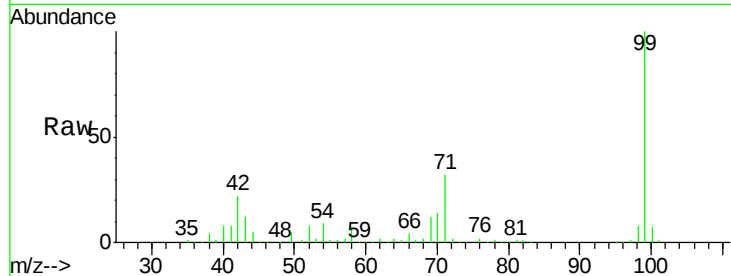
Tot Ion: 99 Resp: 892889

Ion Ratio Lower Upper

99 100

42 22.3 13.5 20.3#

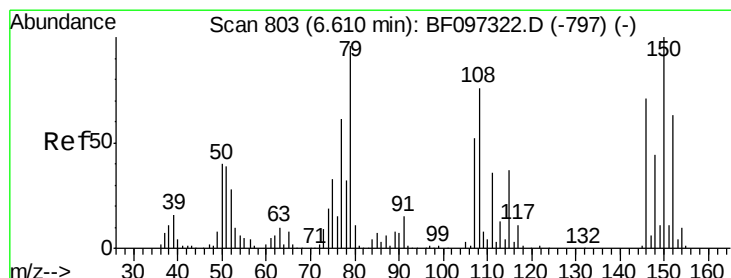
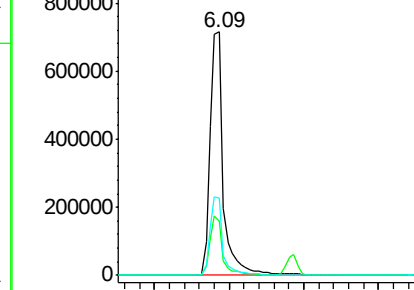
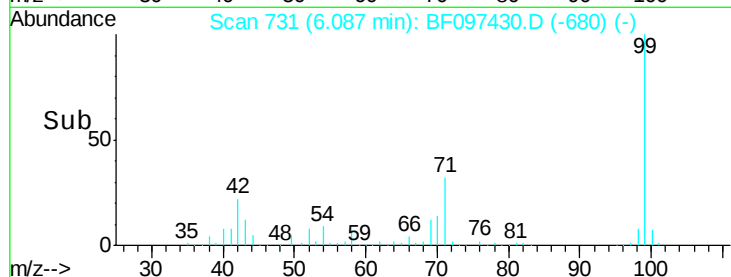
71 31.6 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 6.56 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF097430.D

Acq: 7 Aug 2017 15:42

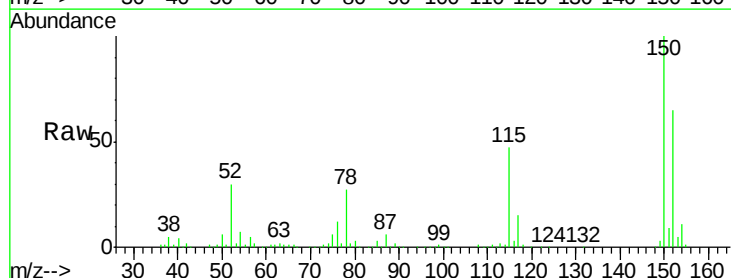
Tgt Ion: 79 Resp: 8375

Ion Ratio Lower Upper

79 100

108 27.5 63.4 95.0#

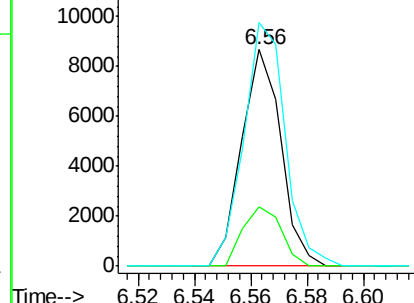
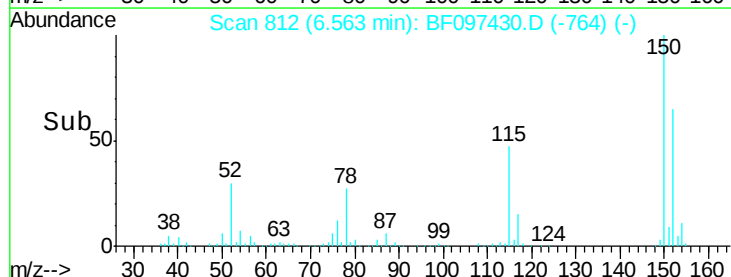
77 112.5 49.2 73.8#

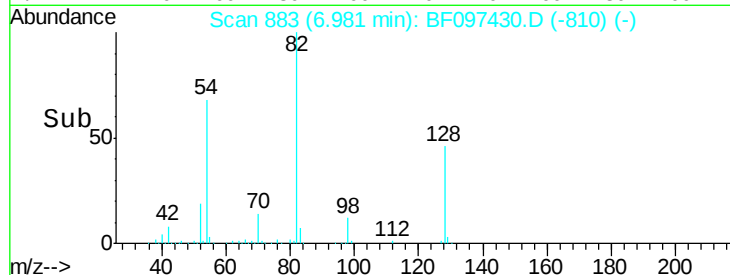
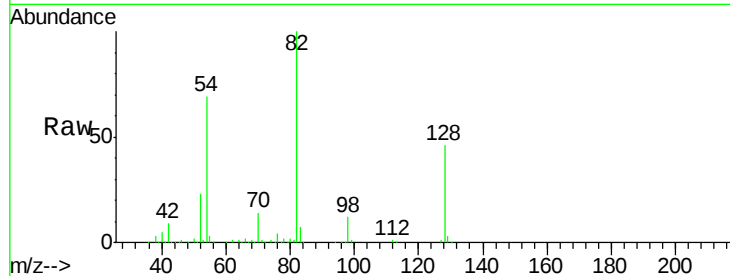
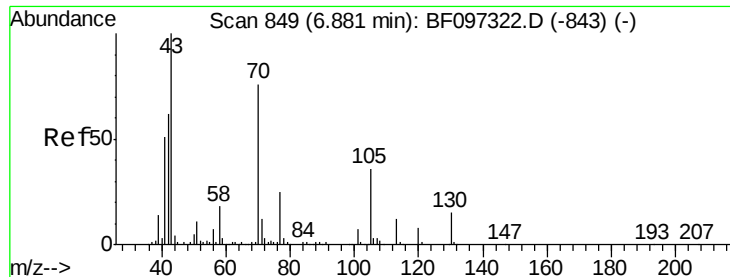


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

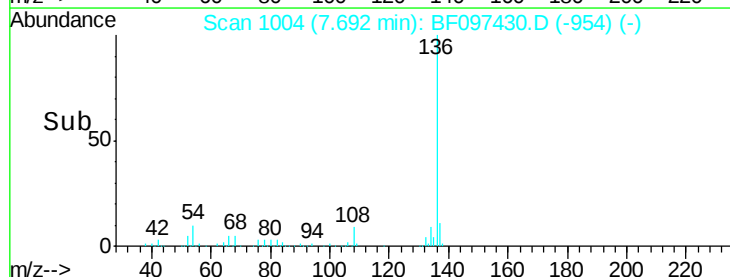
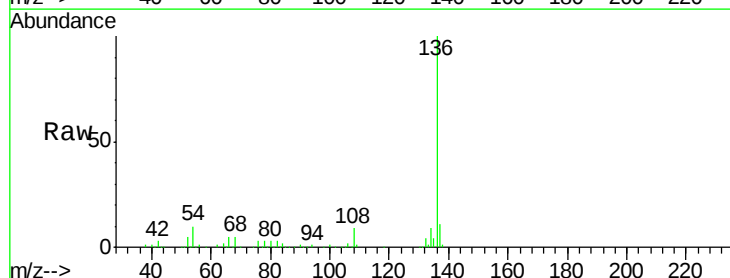
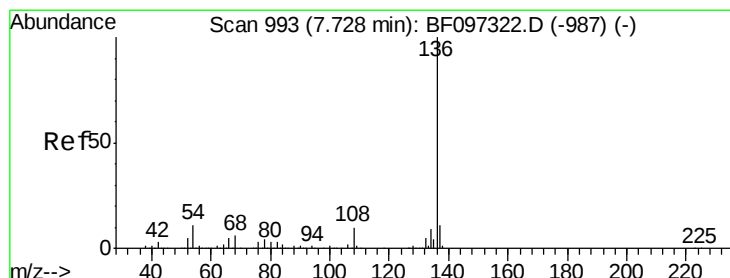
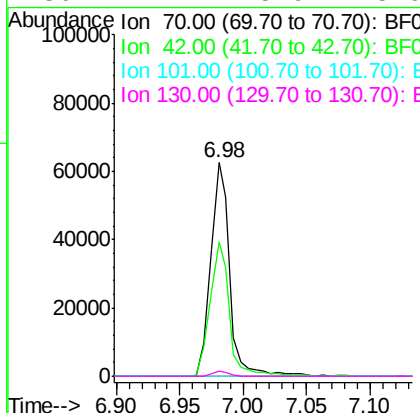




#19
n-Nitroso-di-n-propylamine
Concen: 15.38 ng
RT: 6.98 min Scan# 883
Delta R.T. 0.13 min
Lab File: BF097430.D
Acq: 7 Aug 2017 15:42

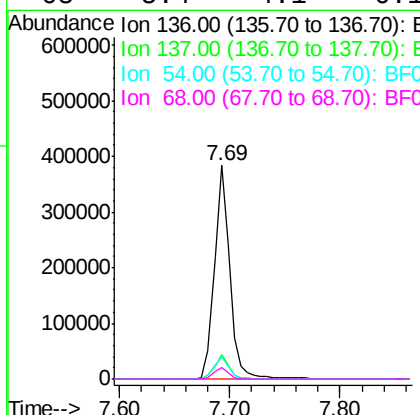
Instrument :
BNA_F
ClientSampleId :
PB101306BL

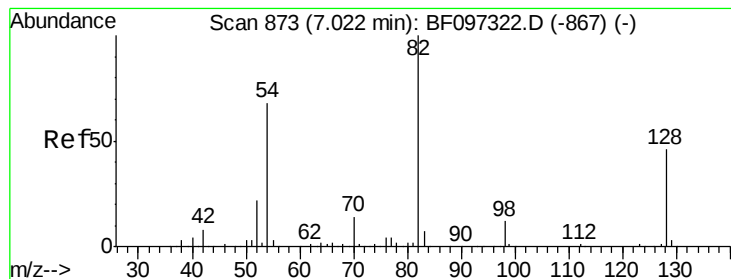
Tot Ion: 70 Resp: 66327
Ion Ratio Lower Upper
70 100
42 62.7 47.2 70.8
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.69 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF097430.D
Acq: 7 Aug 2017 15:42

Tgt Ion: 136 Resp: 367481
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 10.0 4.9 7.3#
68 5.4 4.1 6.1





#23

Nitrobenzene-d5

Concen: 79.48 ng

RT: 6.98 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF097430.D

Acq: 7 Aug 2017 15:42

Instrument :

BNA_F

ClientSampleId :

PB101306BL

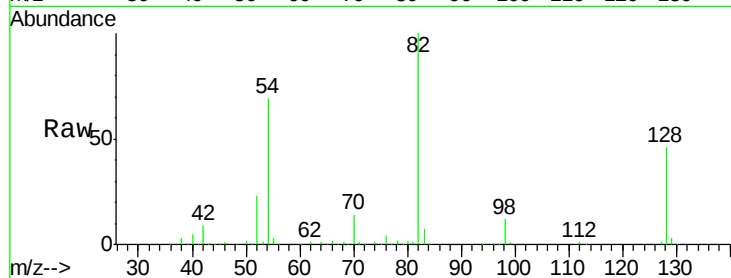
Tot Ion: 82 Resp: 497860

Ion Ratio Lower Upper

82 100

128 45.9 34.0 51.0

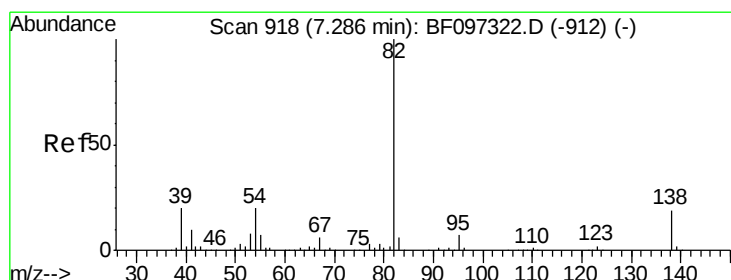
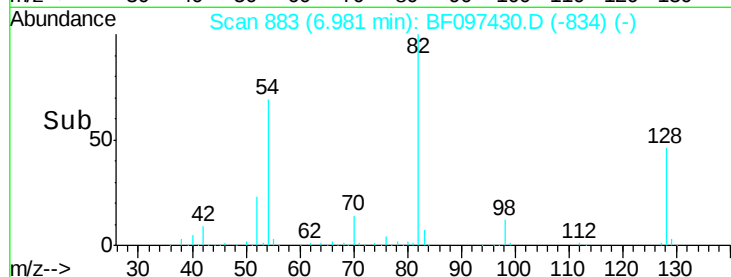
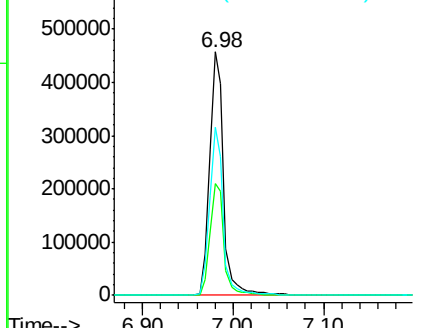
54 68.8 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 40.58 ng

RT: 6.98 min Scan# 883

Delta R.T. -0.27 min

Lab File: BF097430.D

Acq: 7 Aug 2017 15:42

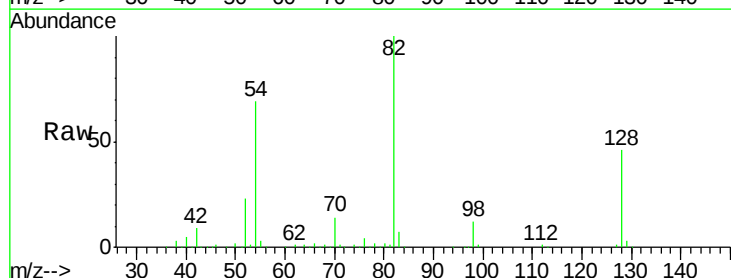
Tgt Ion: 82 Resp: 497856

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

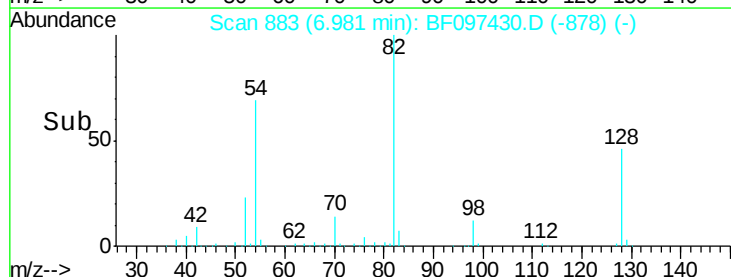
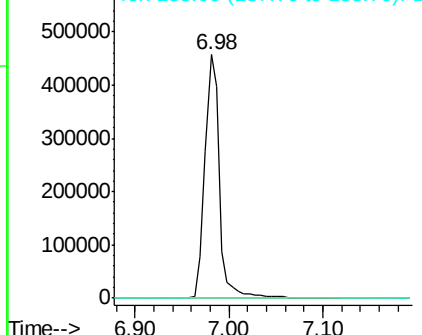
138 0.0 13.1 19.7#

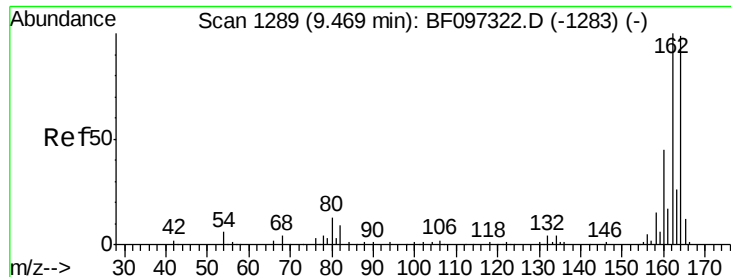


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.43 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF097430.D

Acq: 7 Aug 2017 15:42

Instrument :

BNA_F

ClientSampleId :

PB101306BL

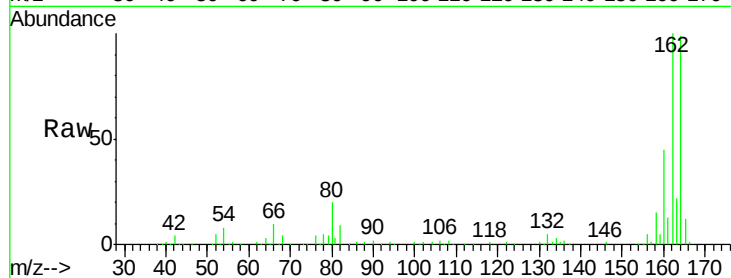
Tot Ion:164 Resp: 158047

Ion Ratio Lower Upper

164 100

162 100.7 82.6 123.8

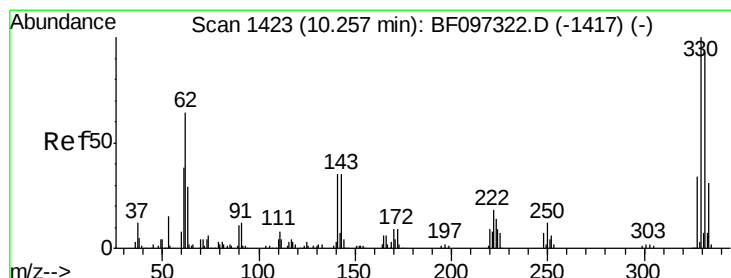
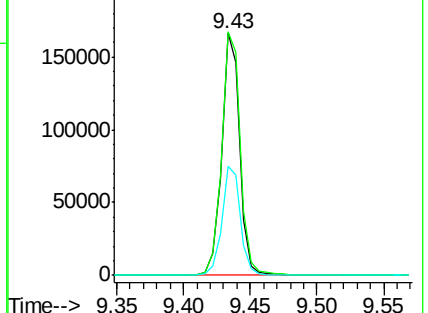
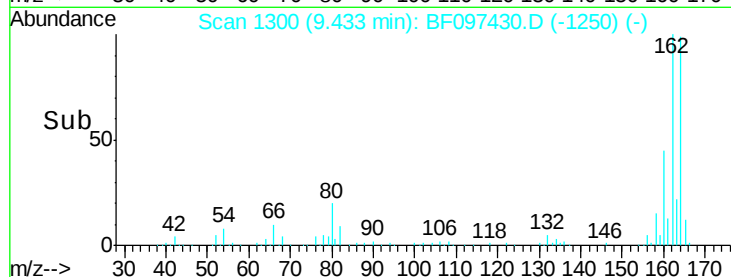
160 45.2 36.2 54.2



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: 131.09 ng

RT: 10.23 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF097430.D

Acq: 7 Aug 2017 15:42

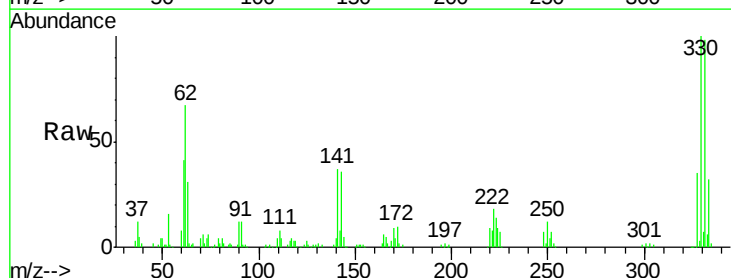
Tgt Ion:330 Resp: 163701

Ion Ratio Lower Upper

330 100

332 97.5 76.6 115.0

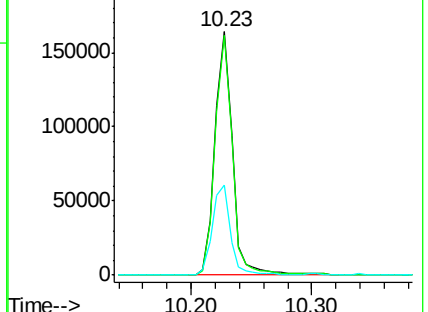
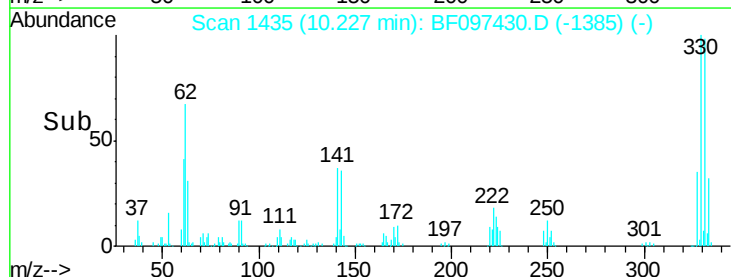
141 38.2 31.4 47.2

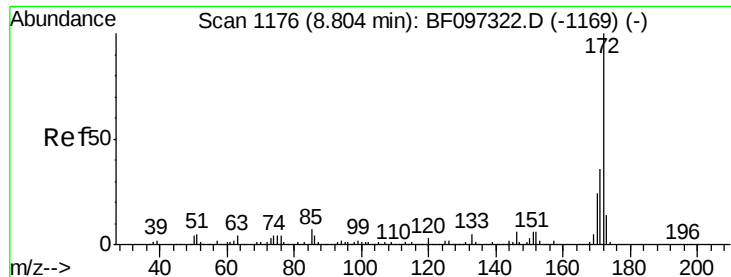


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

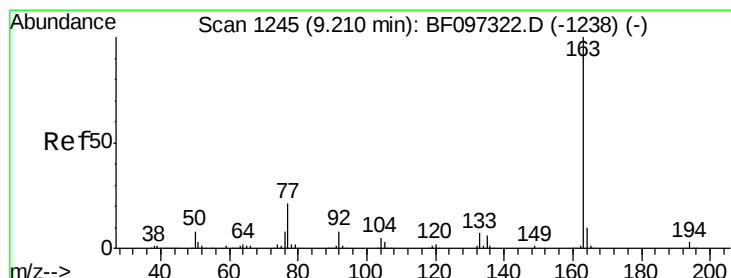
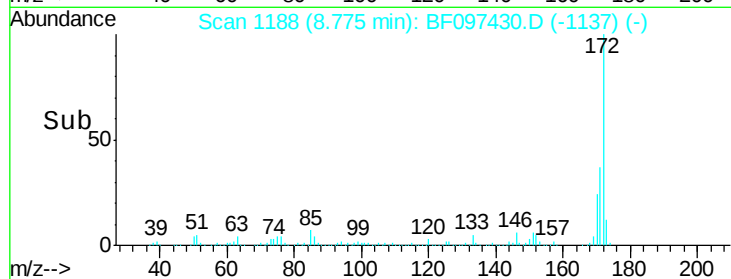
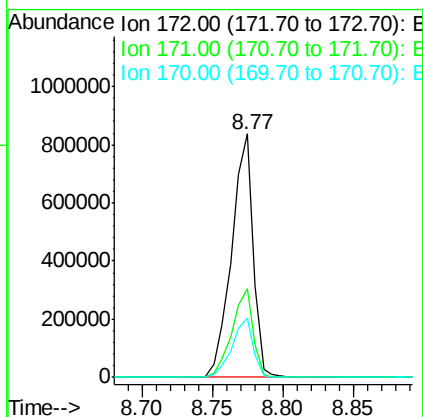
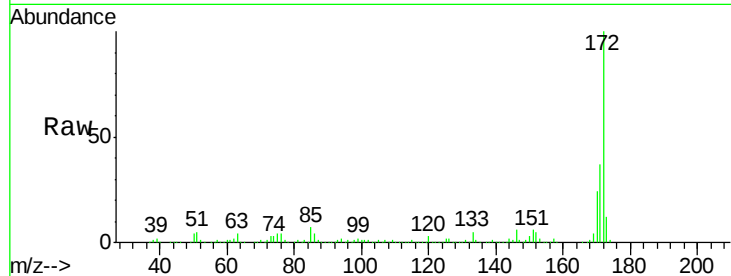




#44
2-Fluorobiphenyl
Concen: 95.37 ng
RT: 8.77 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF097430.D
Acq: 7 Aug 2017 15:42

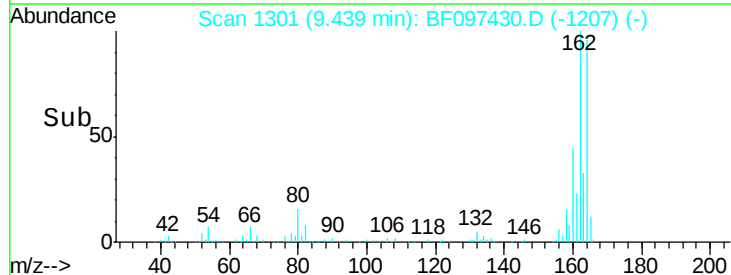
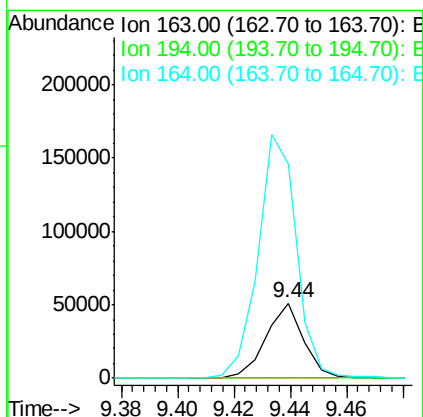
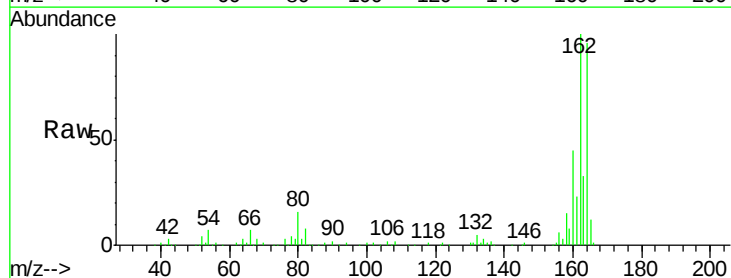
Instrument :
BNA_F
ClientSampleId :
PB101306BL

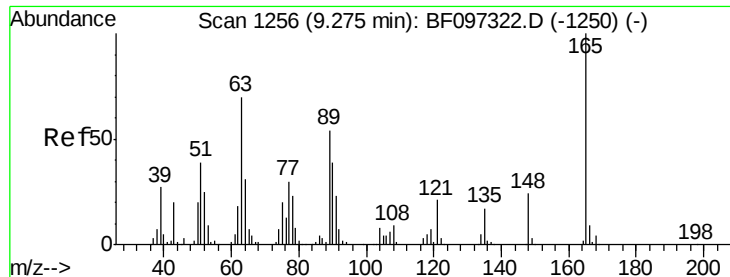
Tot Ion:172 Resp: 888125
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.3 19.8 29.8



#49
Dimethylphthalate
Concen: 3.92 ng
RT: 9.44 min Scan# 1301
Delta R.T. 0.25 min
Lab File: BF097430.D
Acq: 7 Aug 2017 15:42

Tgt Ion:163 Resp: 47082
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 287.3 8.4 12.6#

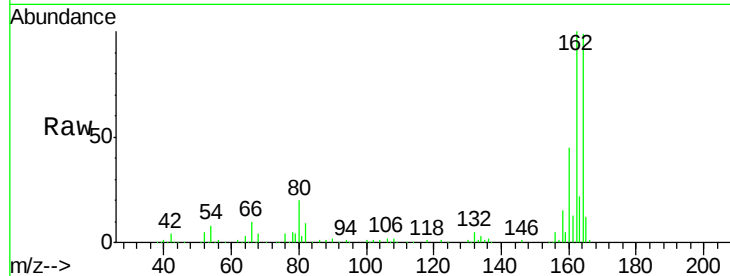




#50
 2,6-Dinitrotoluene
 Concen: 7.77 ng
 RT: 9.43 min Scan# 1300
 Delta R.T. 0.18 min
 Lab File: BF097430.D
 Acq: 7 Aug 2017 15:42

Instrument :
 BNA_F
 ClientSampleID :
 PB101306BL

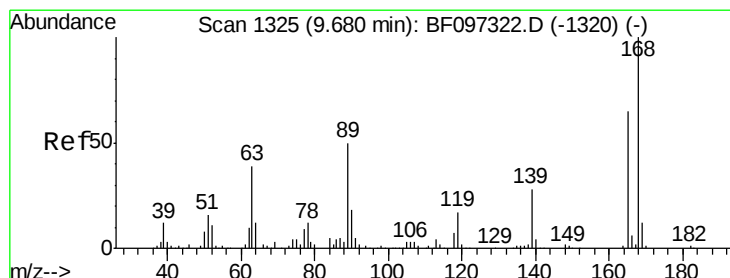
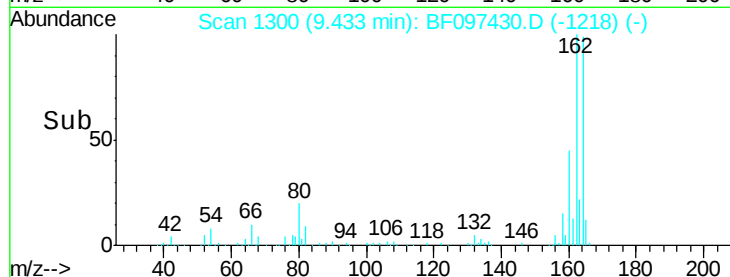
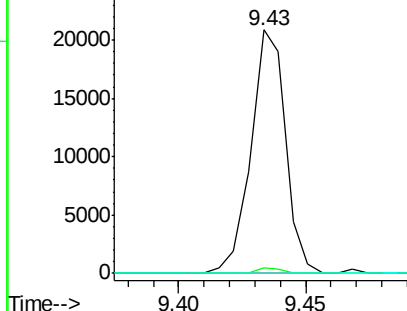
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	34.3	51.5#
89	0.0	37.1	55.7#



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: 6.76 ng
 RT: 9.43 min Scan# 1300
 Delta R.T. -0.23 min
 Lab File: BF097430.D
 Acq: 7 Aug 2017 15:42

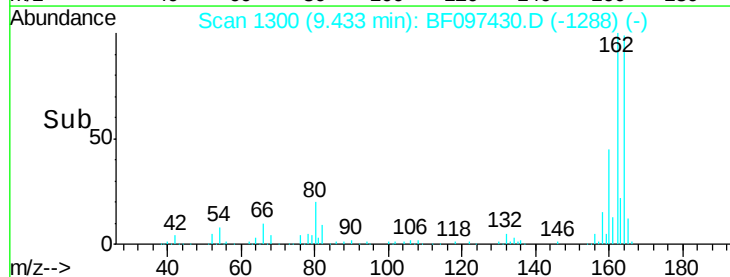
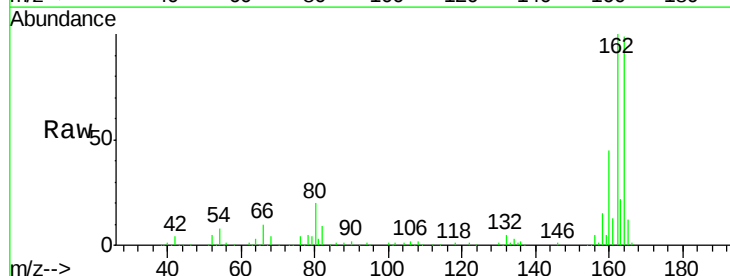
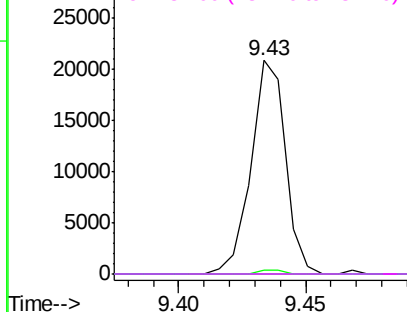
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

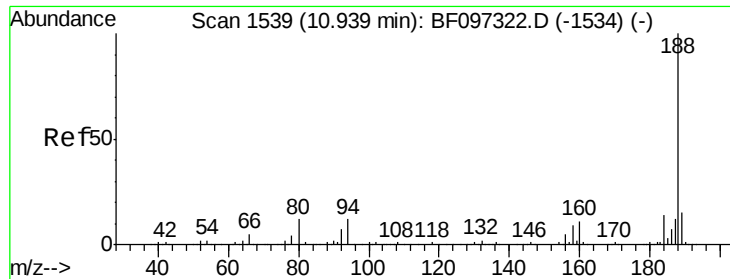
Abundance Ion 165.00 (164.70 to 165.70): E

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

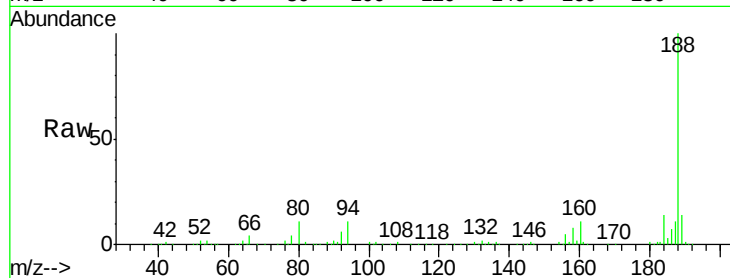




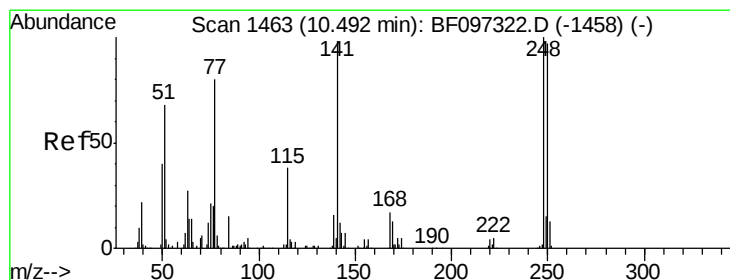
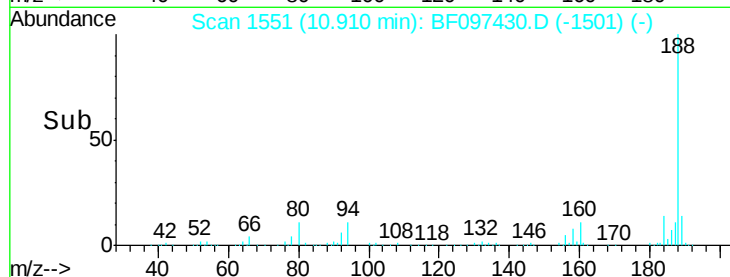
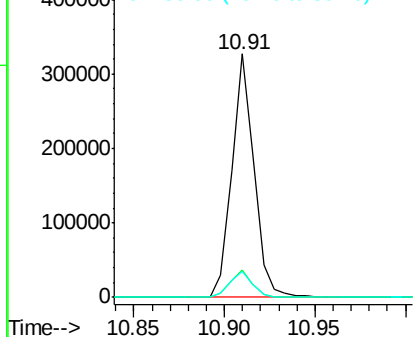
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF097430.D
Acq: 7 Aug 2017 15:42

Instrument :
BNA_F
ClientSampleId :
PB101306BL

Tot Ion:188 Resp: 279371
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 10.9 10.2 15.2

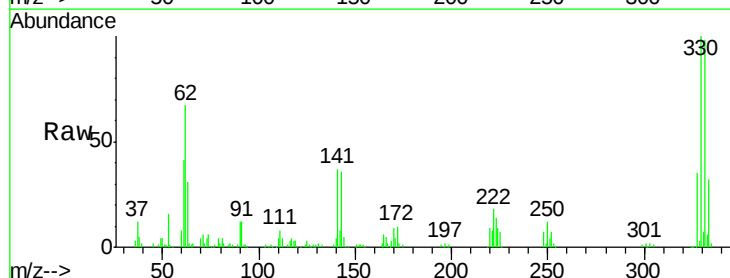


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

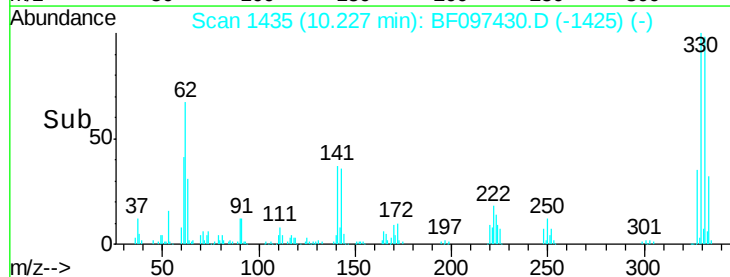
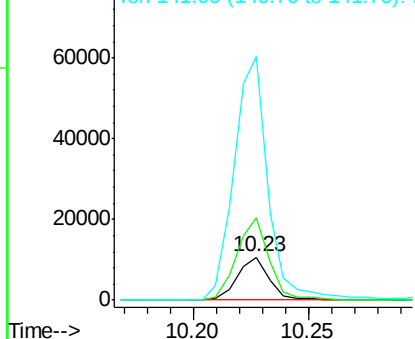


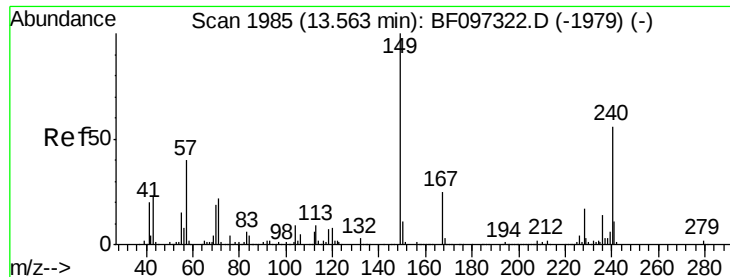
#66
4-Bromophenyl-phenylether
Concen: 3.66 ng
RT: 10.23 min Scan# 1435
Delta R.T. -0.24 min
Lab File: BF097430.D
Acq: 7 Aug 2017 15:42

Tgt Ion:248 Resp: 10191
Ion Ratio Lower Upper
248 100
250 190.6 76.8 115.2#
141 563.2 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: BF097430.D

Acq: 7 Aug 2017 15:42

Instrument :

BNA_F

ClientSampleId :

PB101306BL

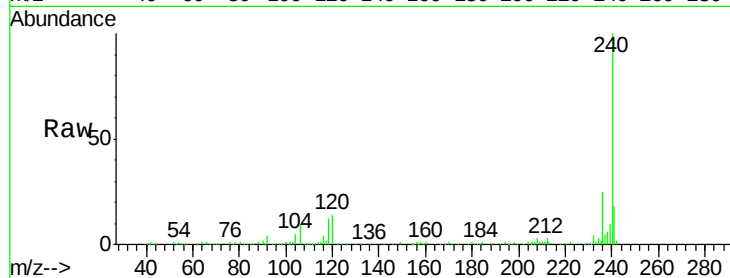
Tot Ion:240 Resp: 240382

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

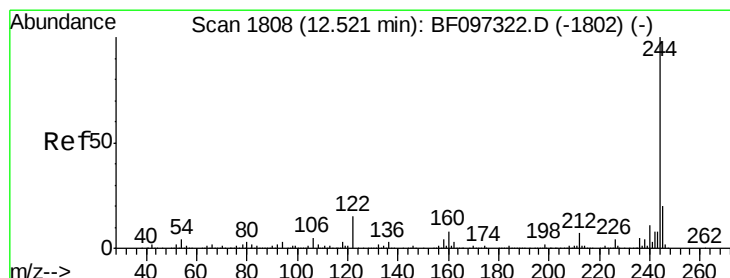
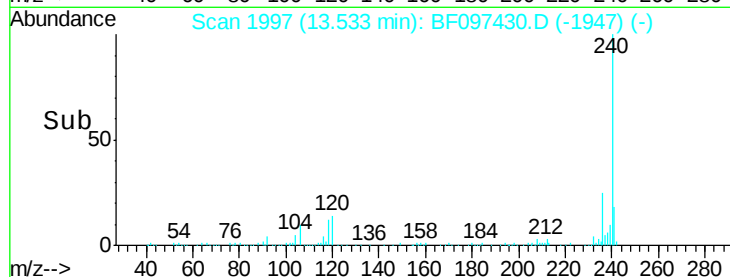
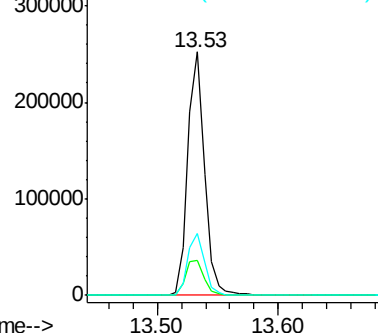
236 25.4 20.5 30.7



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: 62.20 ng

RT: 12.50 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF097430.D

Acq: 7 Aug 2017 15:42

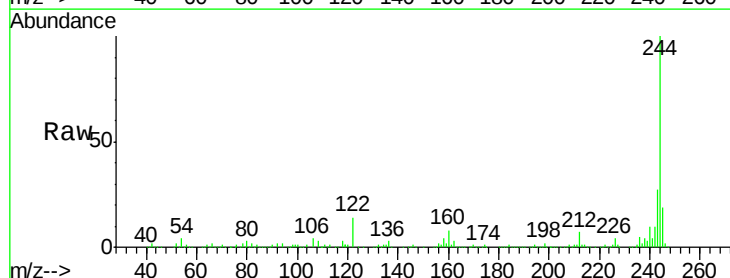
Tgt Ion:244 Resp: 733332

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

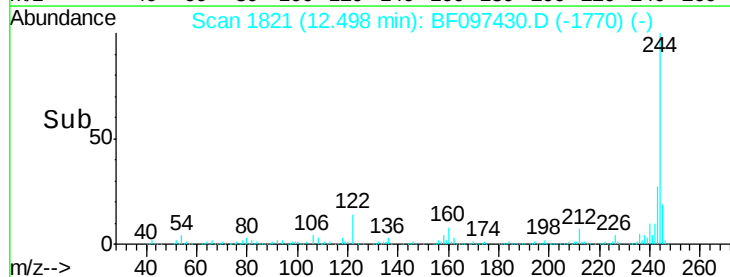
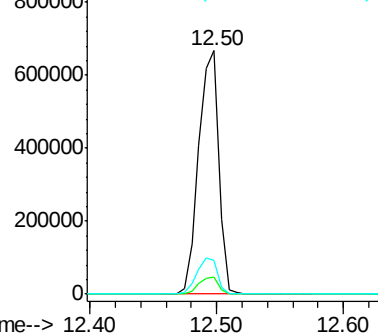
122 13.8 10.3 15.5

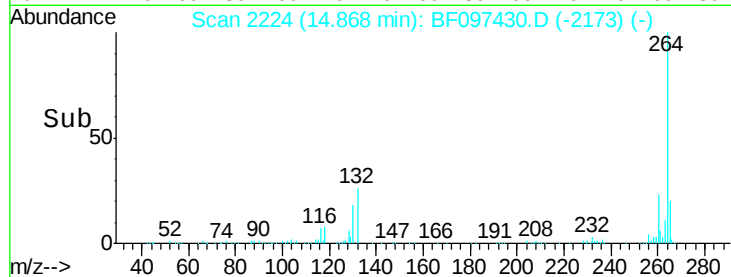
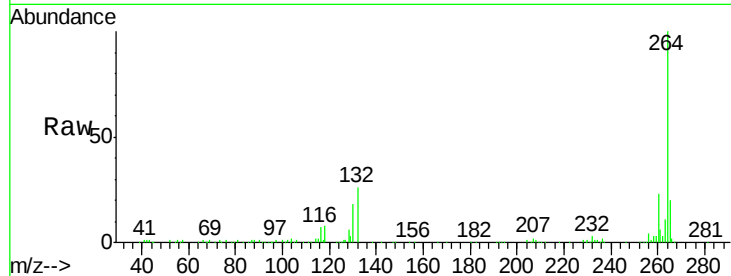
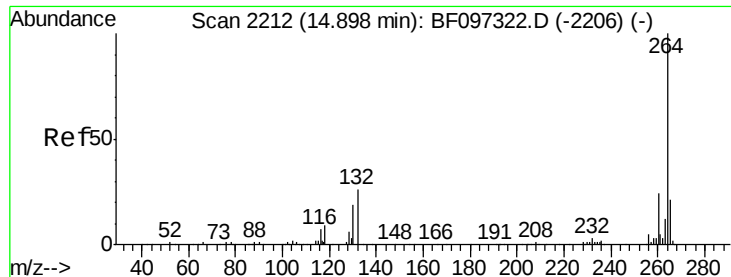


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.87 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BF097430.D
Acq: 7 Aug 2017 15:42

Instrument :
BNA_F
ClientSampleId :
PB101306BL

Tot Ion:	264	Resp:	172527
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.5	29.3
265	20.4	17.2	25.8

