

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097279.D
 Acq On : 2 Aug 2017 17:57
 Operator : SJ/JU
 Sample : PB101158BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 02 23:08:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

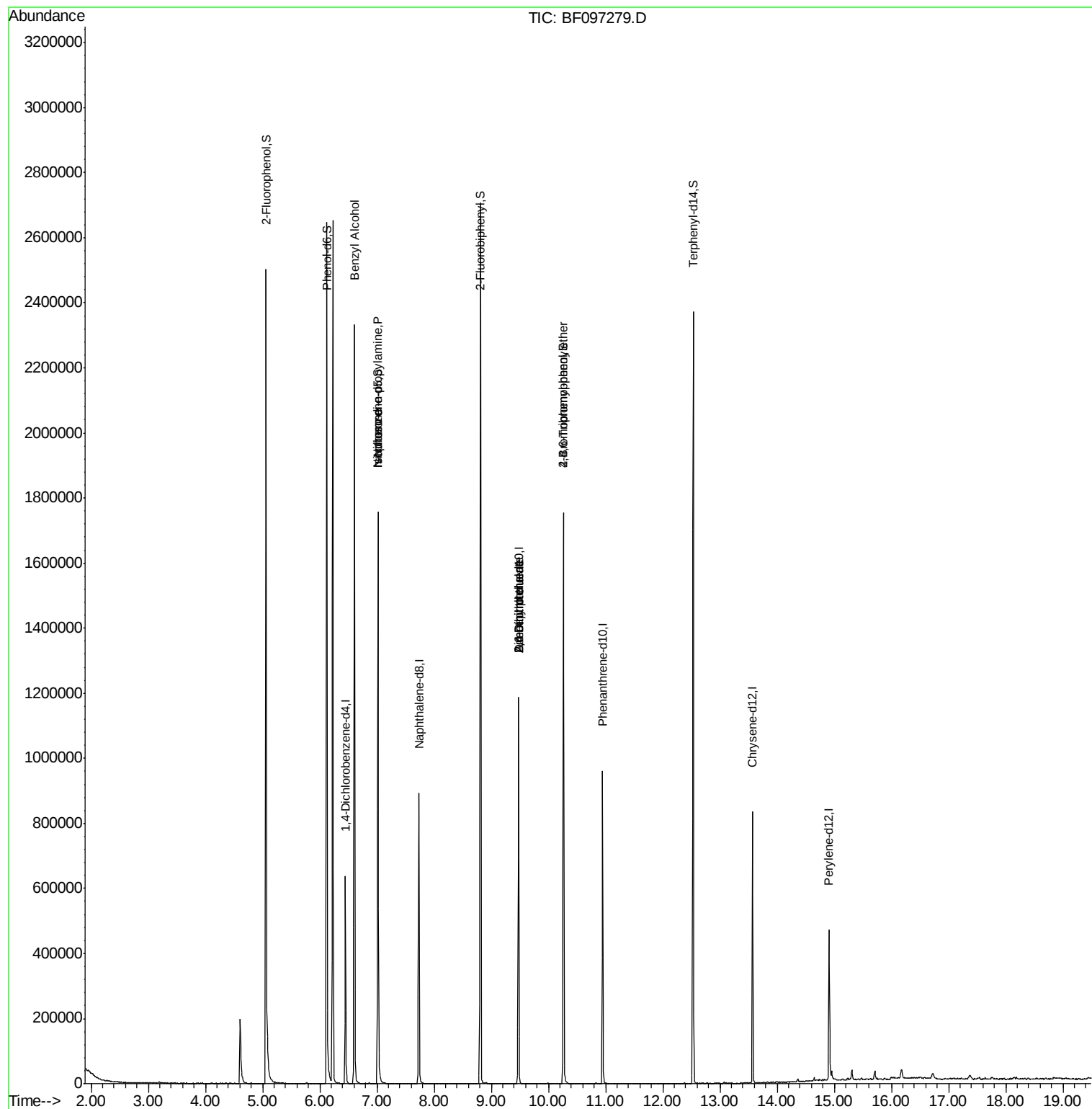
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	102704	20.00	ng	-0.05
21) Naphthalene-d8	7.73	136	448393	20.00	ng	-0.05
38) Acenaphthene-d10	9.47	164	222427	20.00	ng	-0.06
63) Phenanthrene-d10	10.95	188	352386	20.00	ng	-0.06
75) Chrysene-d12	13.57	240	276374	20.00	ng	-0.06
86) Perylene-d12	14.91	264	186899	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	810562	118.97	ng	-0.04
7) Phenol-d6	6.12	99	999097	128.46	ng	-0.05
23) Nitrobenzene-d5	7.02	82	575839	75.34	ng	-0.05
41) 2,4,6-Tribromophenol	10.26	330	207957	118.33	ng	-0.06
44) 2-Fluorobiphenyl	8.82	172	1017728	77.65	ng	-0.05
78) Terphenyl-d14	12.53	244	826521	60.97	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	6.60	79	10424	2.12	ng	# 42
19) n-Nitroso-di-n-propylamine	7.02	70	76033	14.85	ng	# 85
25) Isophorone	7.02	82	544861	36.40	ng	# 67
49) Dimethylphthalate	9.47	163	66345	3.93	ng	# 1
50) 2,6-Dinitrotoluene	9.47	165	28476	7.95	ng	# 34
56) 2,4-Dinitrotoluene	9.47	165	28476	6.91	ng	# 33
66) 4-Bromophenyl-phenylether	10.26	248	12998	3.70	ng	# 1

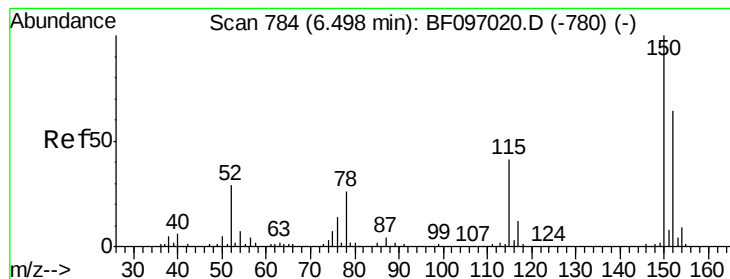
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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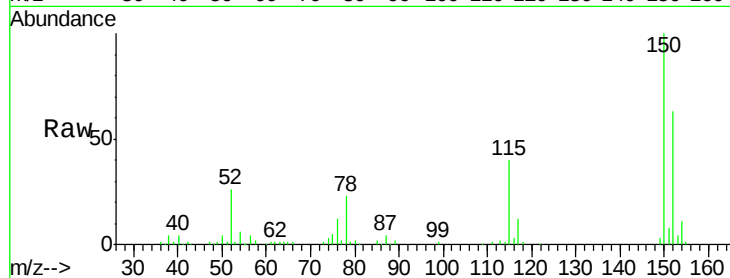


#1

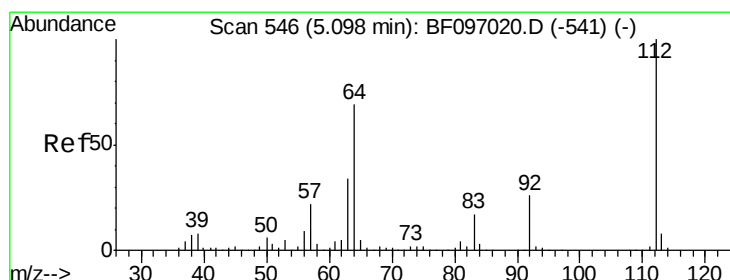
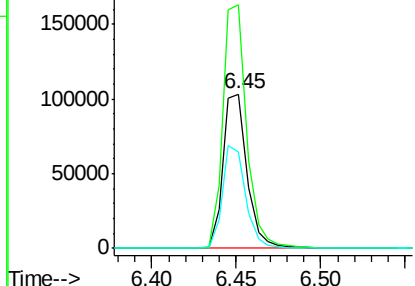
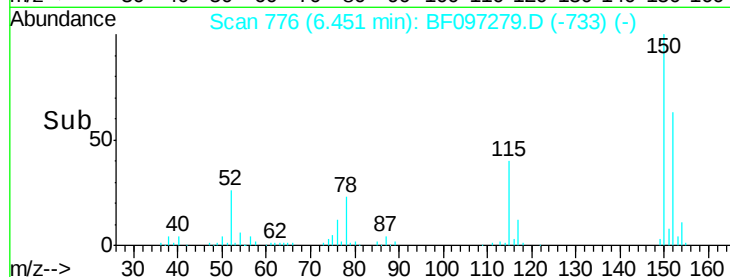
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.05 min
Lab File: BF097279.D
Acq: 2 Aug 2017 17:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 102704
Ion Ratio Lower Upper
152 100
150 157.7 126.2 189.2
115 62.7 52.2 78.2



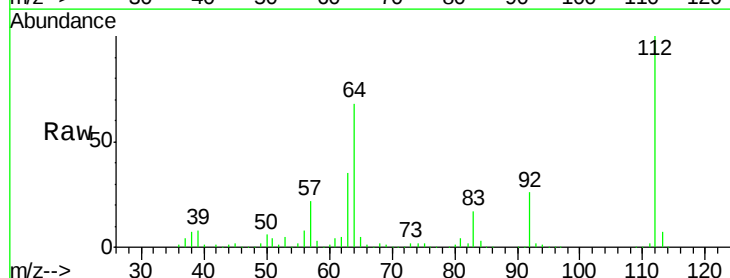
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



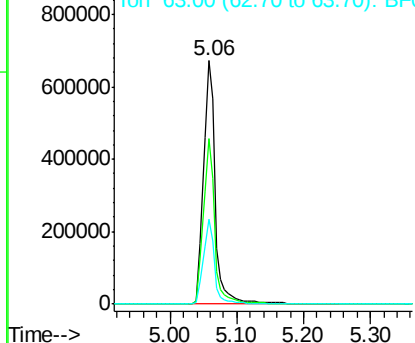
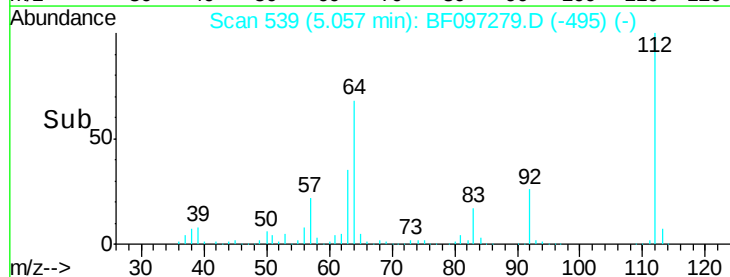
#5

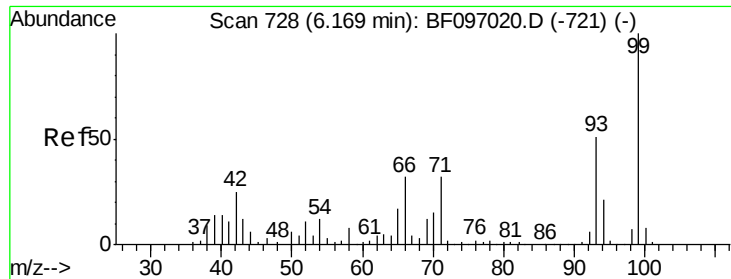
2-Fluorophenol
Concen: 118.97 ng
RT: 5.06 min Scan# 539
Delta R.T. -0.04 min
Lab File: BF097279.D
Acq: 2 Aug 2017 17:57

Tgt Ion:112 Resp: 810562
Ion Ratio Lower Upper
112 100
64 67.9 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: 128.46 ng

RT: 6.12 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF097279.D

Acq: 2 Aug 2017 17:57

Instrument :

BNA_F

ClientSampled :

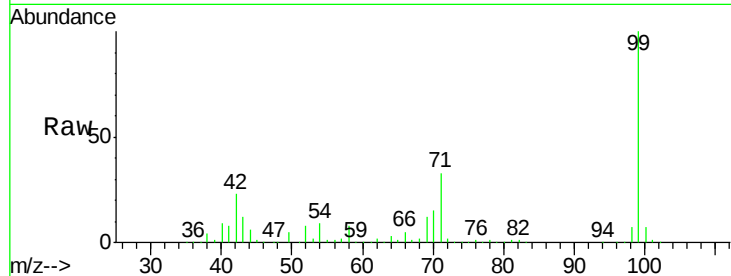
Tot Ion: 99 Resp: 999097

Ion Ratio Lower Upper

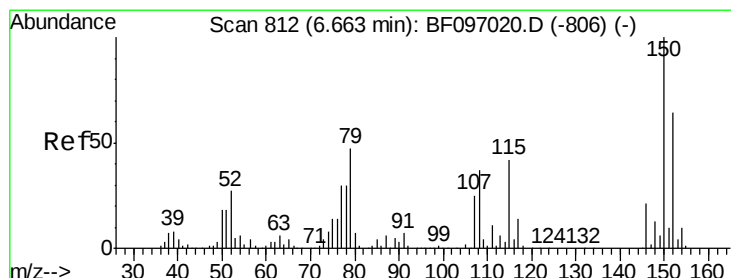
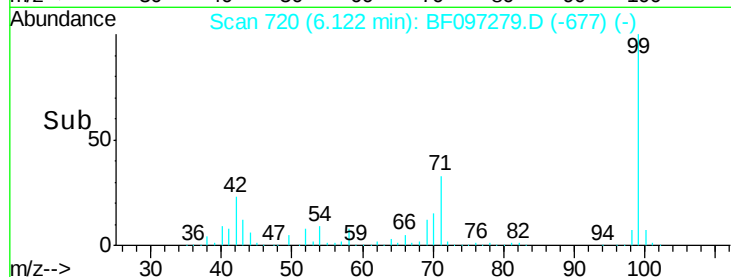
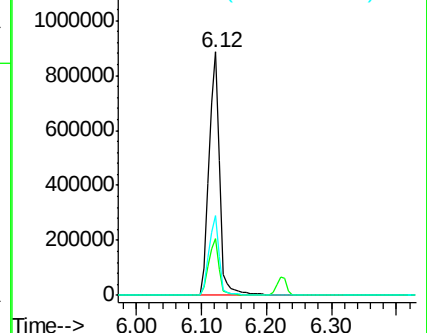
99 100

42 23.3 13.5 20.3#

71 32.9 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: 2.12 ng

RT: 6.60 min Scan# 802

Delta R.T. -0.06 min

Lab File: BF097279.D

Acq: 2 Aug 2017 17:57

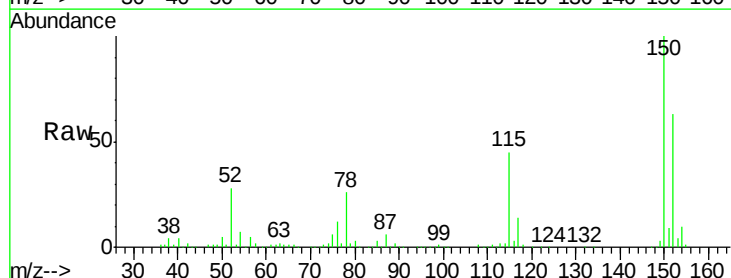
Tgt Ion: 79 Resp: 10424

Ion Ratio Lower Upper

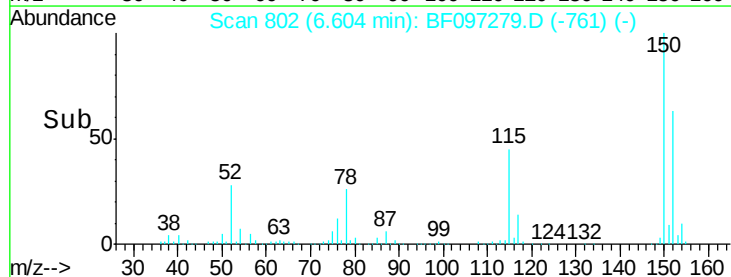
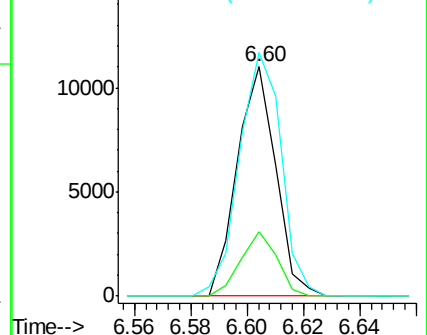
79 100

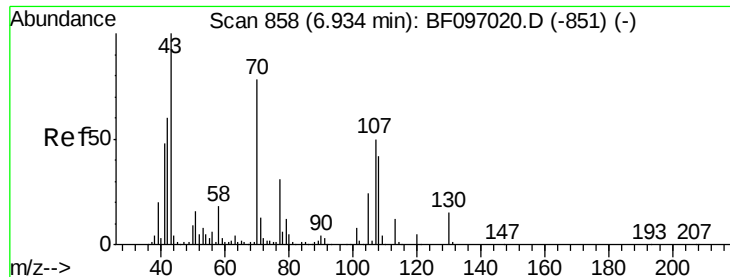
108 27.9 63.4 95.0#

77 106.2 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

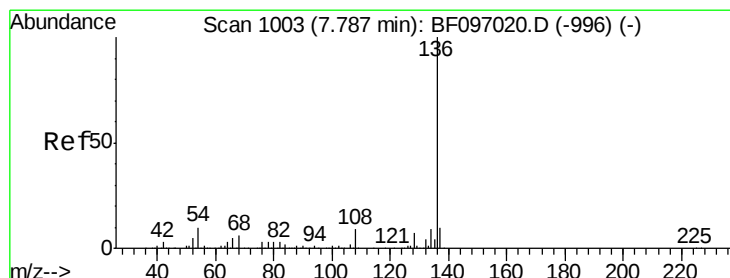
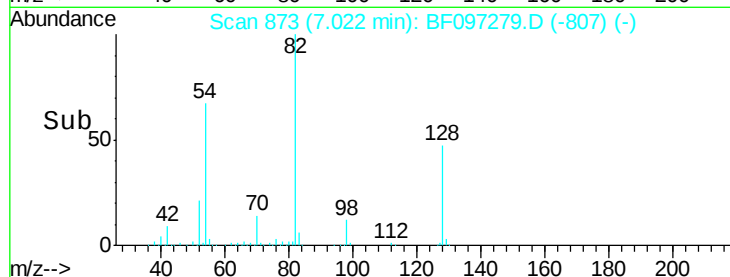
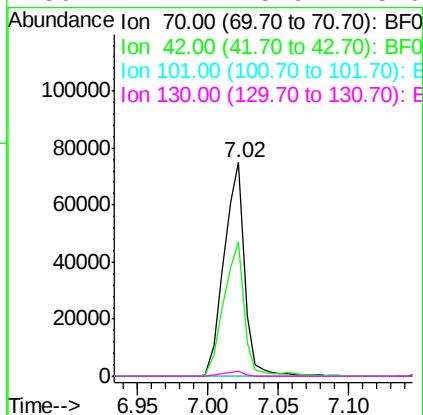
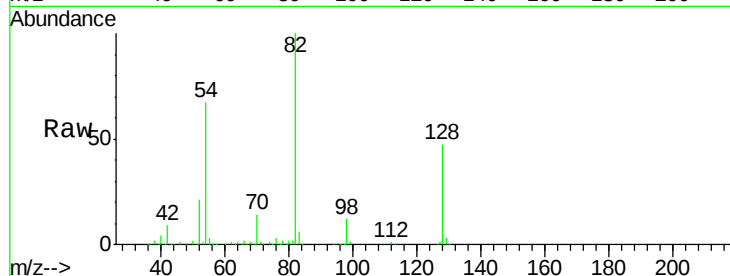




#19
n-Nitroso-di-n-propylamine
Concen: 14.85 ng
RT: 7.02 min Scan# 873
Delta R.T. 0.09 min
Lab File: BF097279.D
Acq: 2 Aug 2017 17:57

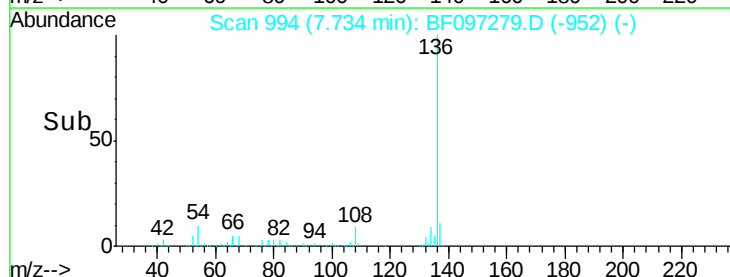
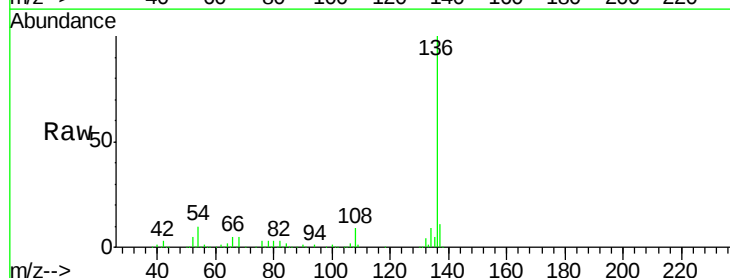
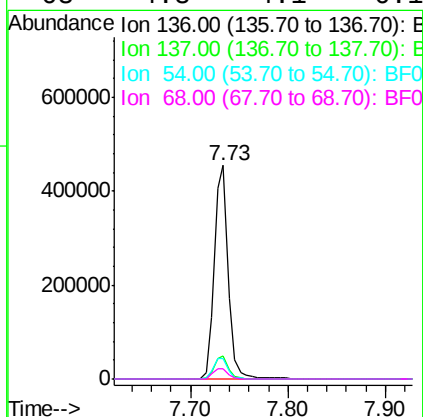
Instrument :
BNA_F
ClientSampleId :

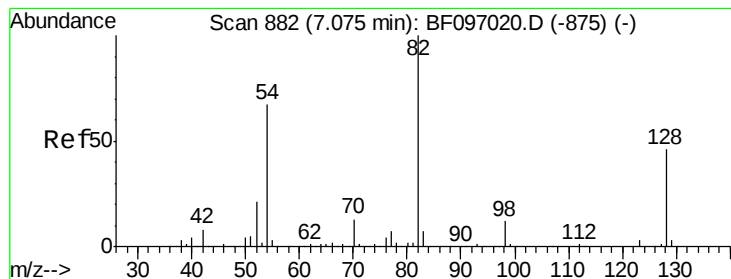
Tot Ion: 70 Resp: 76033
Ion Ratio Lower Upper
70 100
42 62.9 47.2 70.8
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.73 min Scan# 994
Delta R.T. -0.05 min
Lab File: BF097279.D
Acq: 2 Aug 2017 17:57

Tgt Ion: 136 Resp: 448393
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 9.6 4.9 7.3#
68 4.8 4.1 6.1





#23

Nitrobenzene-d5

Concen: 75.34 ng

RT: 7.02 min Scan# 873

Delta R.T. -0.05 min

Lab File: BF097279.D

Acq: 2 Aug 2017 17:57

Instrument :

BNA_F

ClientSampled :

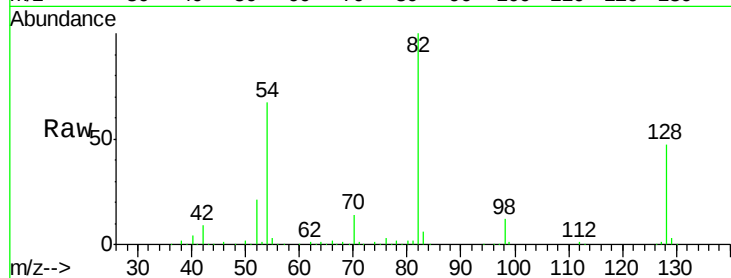
Tot Ion: 82 Resp: 575839

Ion Ratio Lower Upper

82 100

128 47.3 34.0 51.0

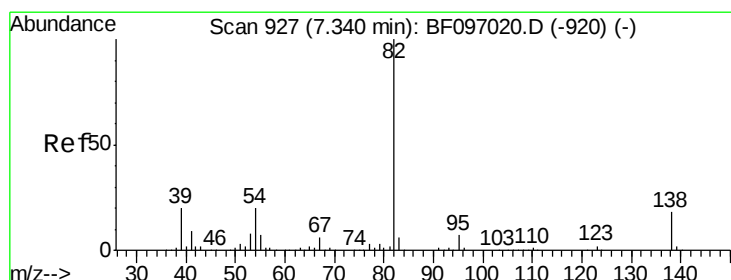
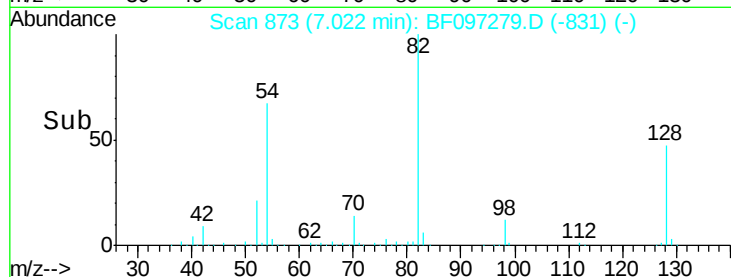
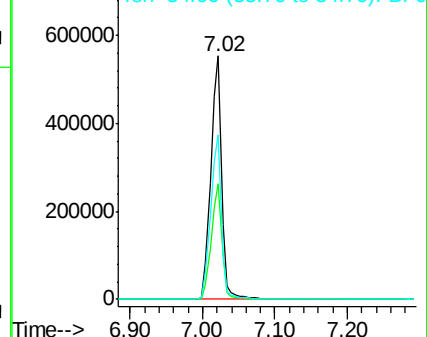
54 67.3 42.2 63.2#



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: 36.40 ng

RT: 7.02 min Scan# 873

Delta R.T. -0.32 min

Lab File: BF097279.D

Acq: 2 Aug 2017 17:57

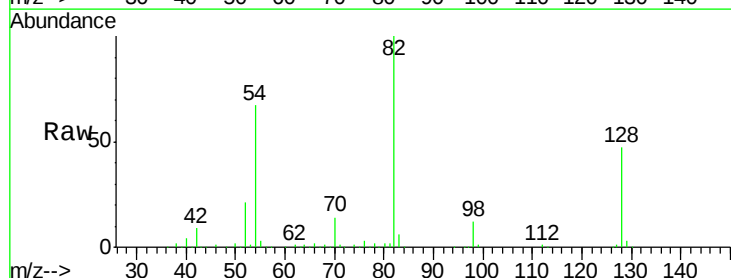
Tgt Ion: 82 Resp: 544861

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

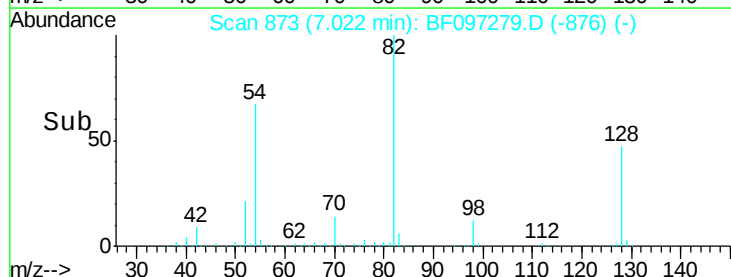
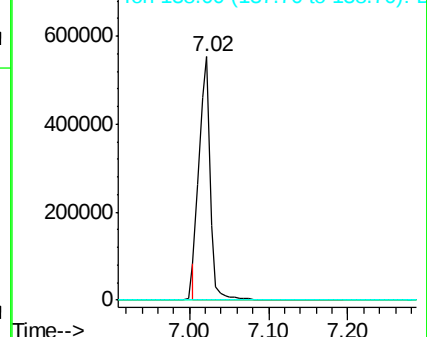
138 0.0 13.1 19.7#

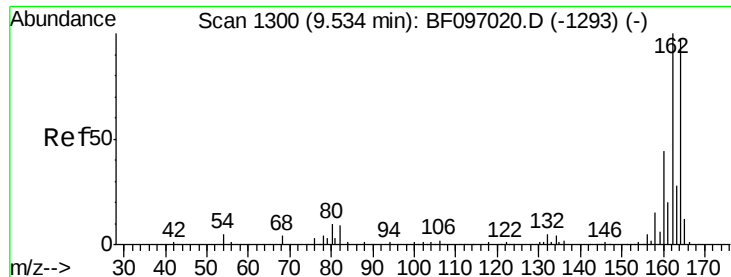


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.47 min Scan# 1290

Delta R.T. -0.06 min

Lab File: BF097279.D

Acq: 2 Aug 2017 17:57

Instrument :

BNA_F

ClientSampleId :

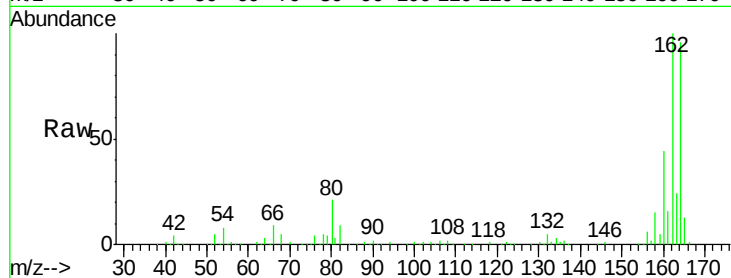
Tot Ion:164 Resp: 222427

Ion Ratio Lower Upper

164 100

162 104.7 82.6 123.8

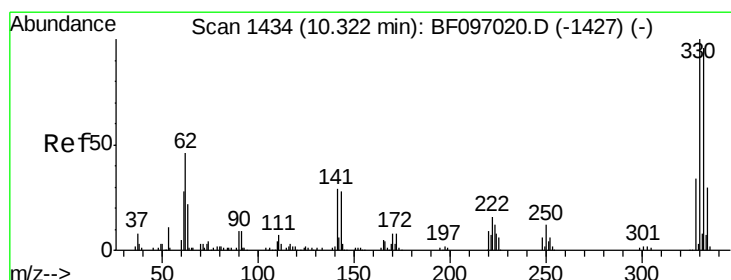
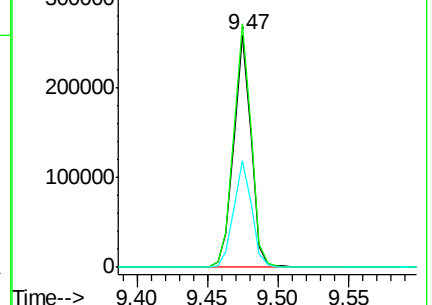
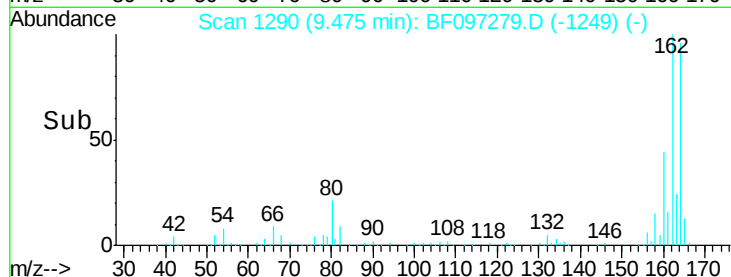
160 45.7 36.2 54.2



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: 118.33 ng

RT: 10.26 min Scan# 1424

Delta R.T. -0.06 min

Lab File: BF097279.D

Acq: 2 Aug 2017 17:57

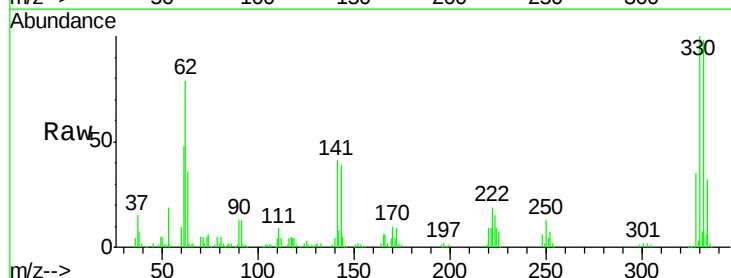
Tgt Ion:330 Resp: 207957

Ion Ratio Lower Upper

330 100

332 96.5 76.6 115.0

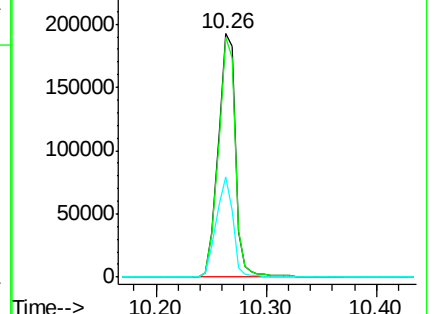
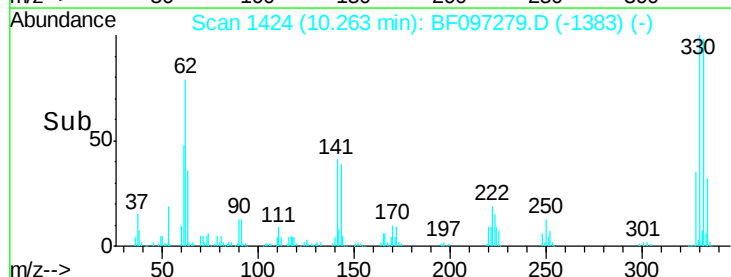
141 39.5 31.4 47.2



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

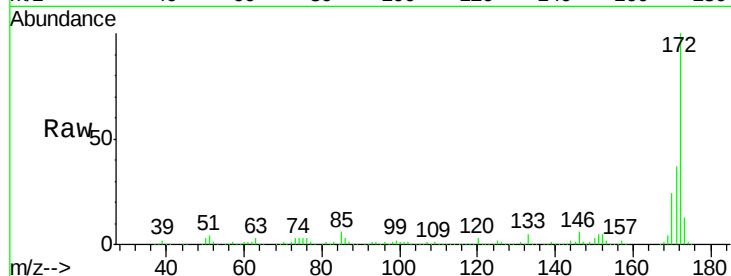




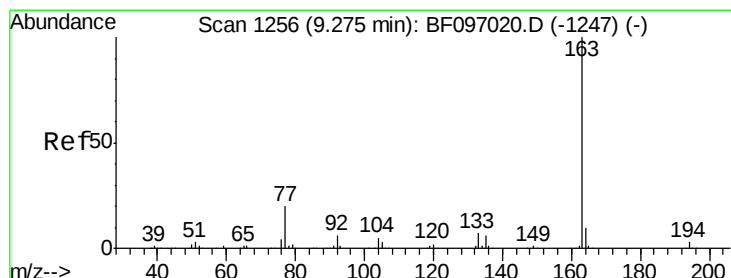
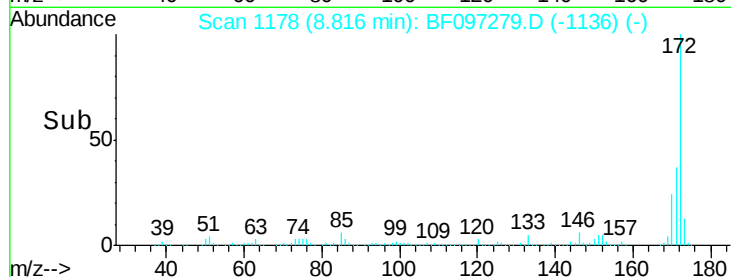
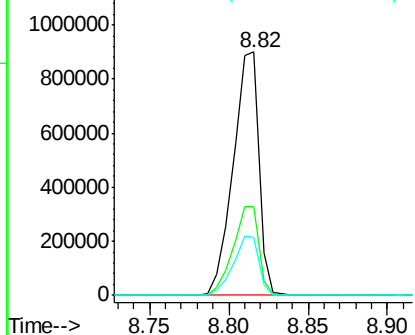
#44
2-Fluorobiphenyl
Concen: 77.65 ng
RT: 8.82 min Scan# 1178
Delta R.T. -0.05 min
Lab File: BF097279.D
Acq: 2 Aug 2017 17:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1017728
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 23.7 19.8 29.8

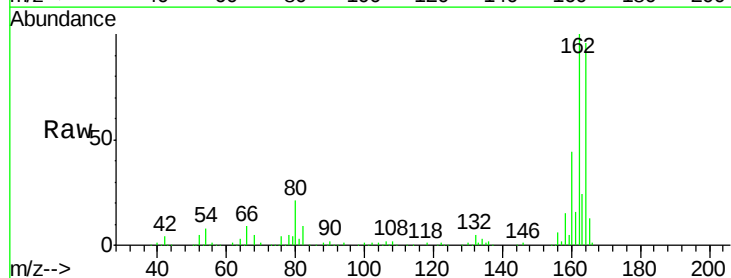


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

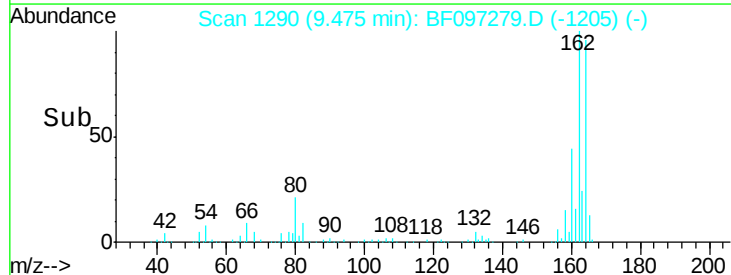
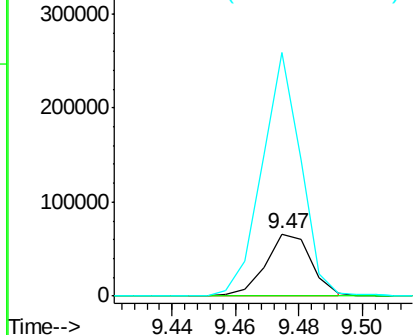


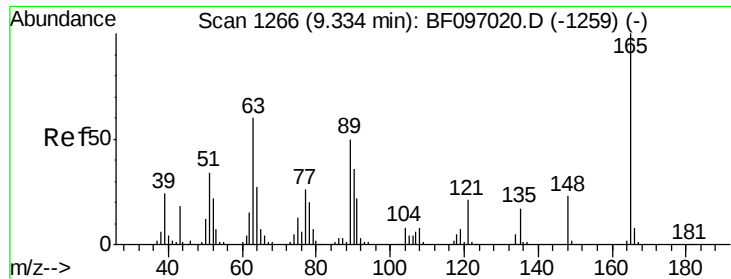
#49
Dimethylphthalate
Concen: 3.93 ng
RT: 9.47 min Scan# 1290
Delta R.T. 0.20 min
Lab File: BF097279.D
Acq: 2 Aug 2017 17:57

Tgt Ion:163 Resp: 66345
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 393.8 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

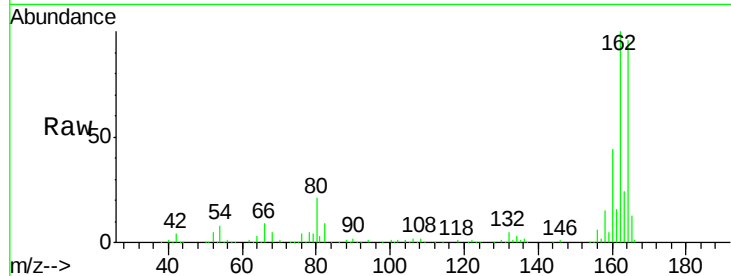




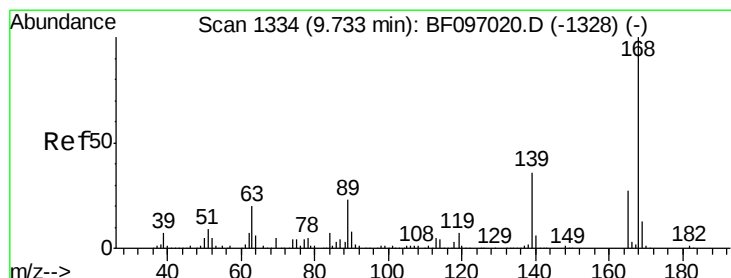
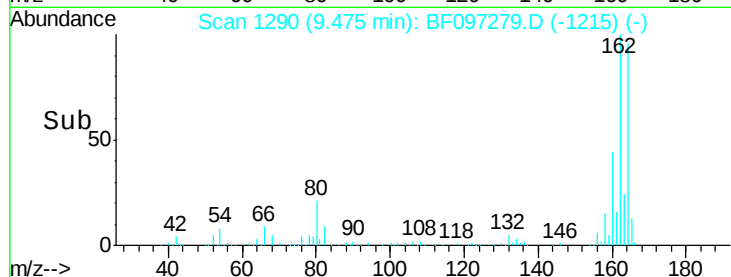
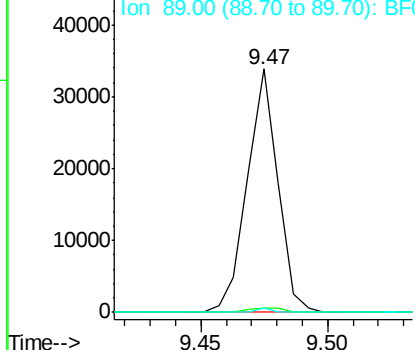
#50
 2,6-Dinitrotoluene
 Concen: 7.95 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. 0.14 min
 Lab File: BF097279.D
 Acq: 2 Aug 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 28476
 Ion Ratio Lower Upper
 165 100
 63 1.5 34.3 51.5#
 89 1.7 37.1 55.7#

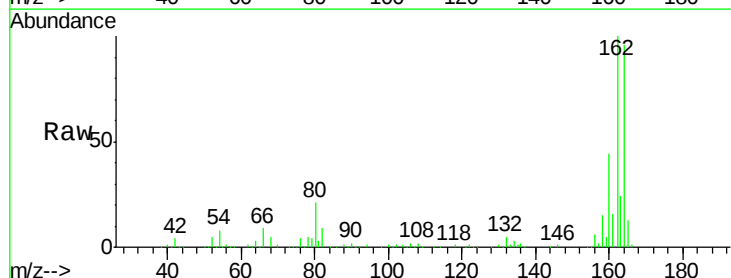


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

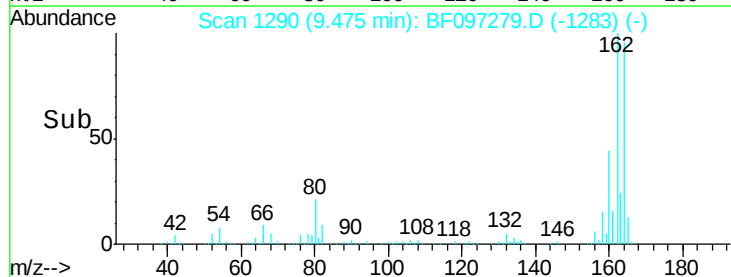
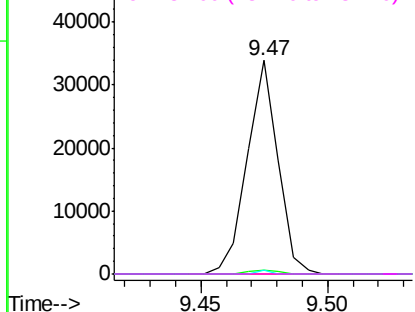


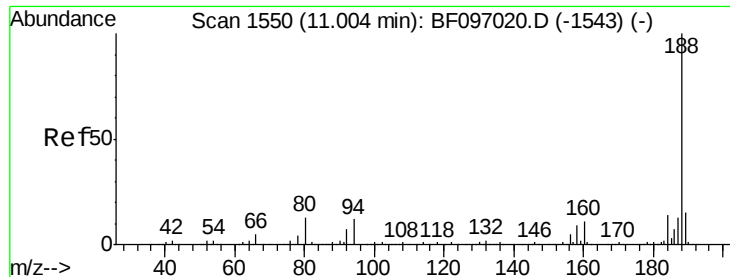
#56
 2,4-Dinitrotoluene
 Concen: 6.91 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.26 min
 Lab File: BF097279.D
 Acq: 2 Aug 2017 17:57

Tgt Ion:165 Resp: 28476
 Ion Ratio Lower Upper
 165 100
 63 1.5 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
 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

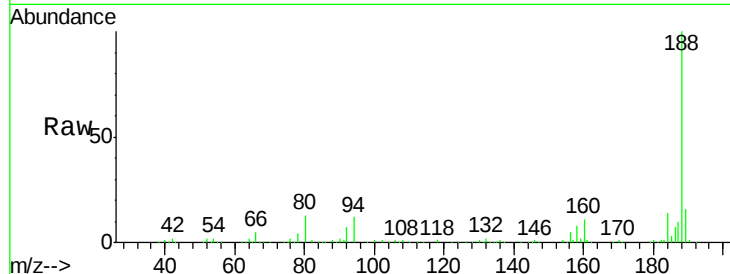




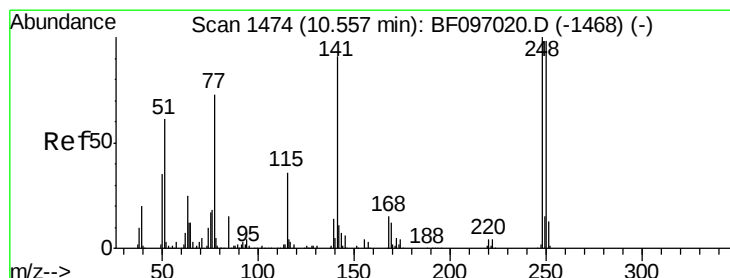
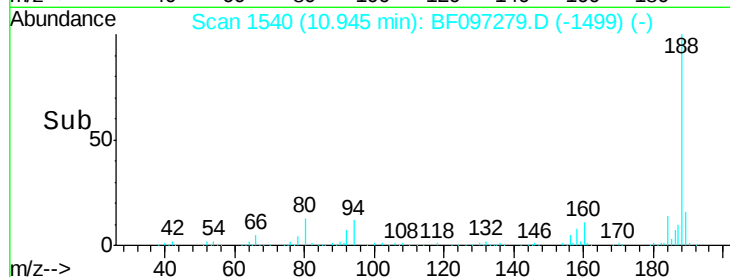
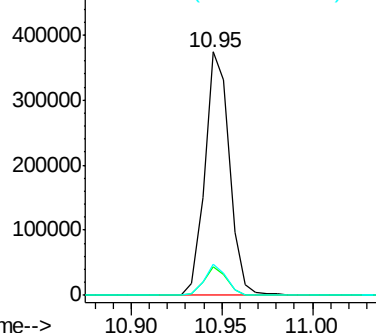
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.95 min Scan# 1540
Delta R.T. -0.06 min
Lab File: BF097279.D
Acq: 2 Aug 2017 17:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.4	14.2
80	12.7	10.2	15.2

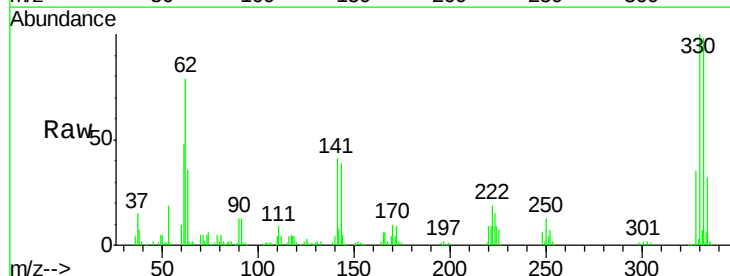


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

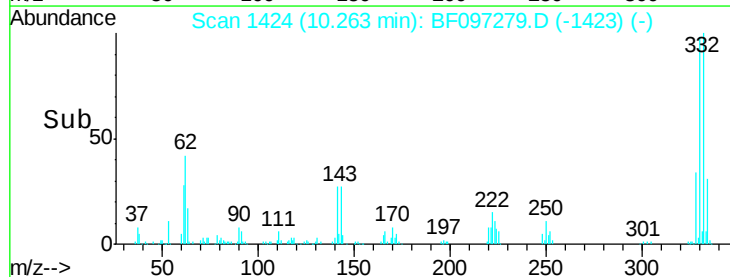
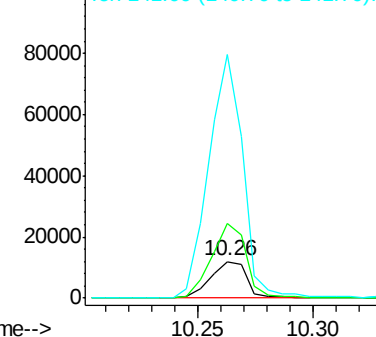


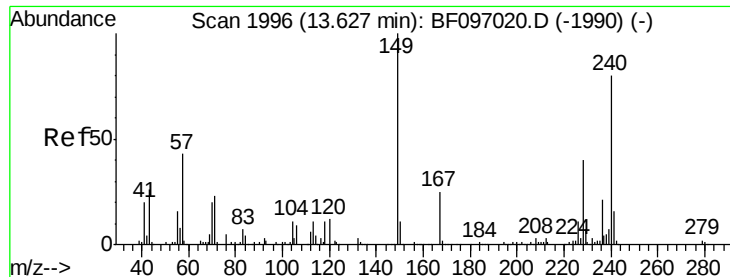
#66
4-Bromophenyl-phenylether
Concen: 3.70 ng
RT: 10.26 min Scan# 1424
Delta R.T. -0.29 min
Lab File: BF097279.D
Acq: 2 Aug 2017 17:57

Tgt Ion	Ratio	Lower	Upper
248	100		
250	204.6	76.8	115.2#
141	670.8	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: 13.57 min Scan# 1986

Delta R.T. -0.06 min

Lab File: BF097279.D

Acq: 2 Aug 2017 17:57

Instrument :

BNA_F

ClientSampleId :

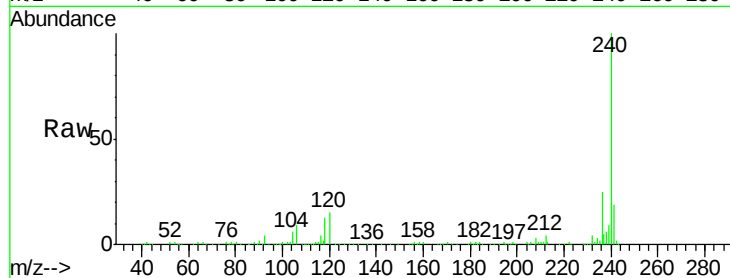
Tot Ion:240 Resp: 276374

Ion Ratio Lower Upper

240 100

120 14.8 5.8 8.8#

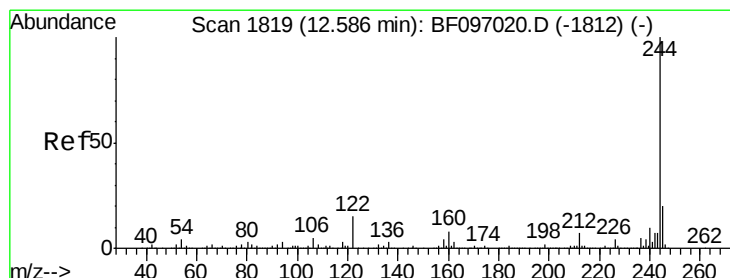
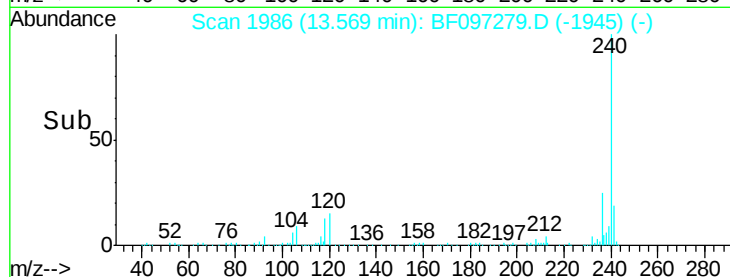
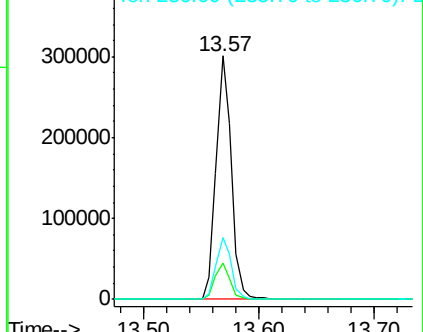
236 25.4 20.5 30.7



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: 60.97 ng

RT: 12.53 min Scan# 1810

Delta R.T. -0.05 min

Lab File: BF097279.D

Acq: 2 Aug 2017 17:57

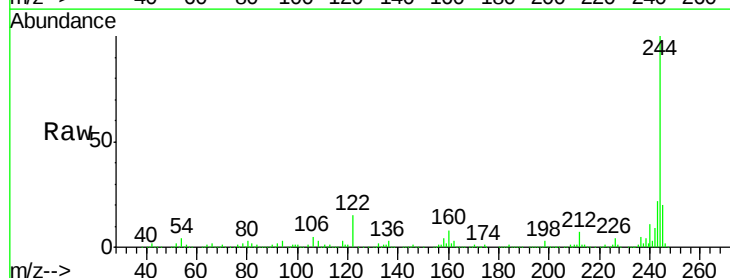
Tgt Ion:244 Resp: 826521

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

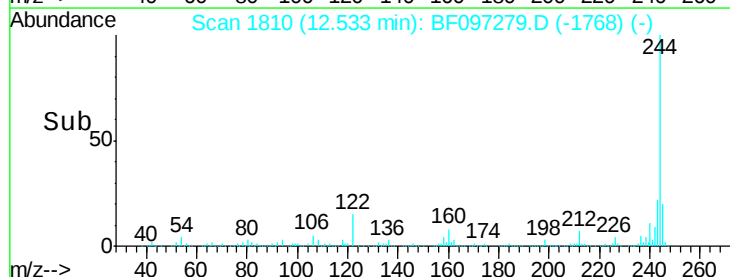
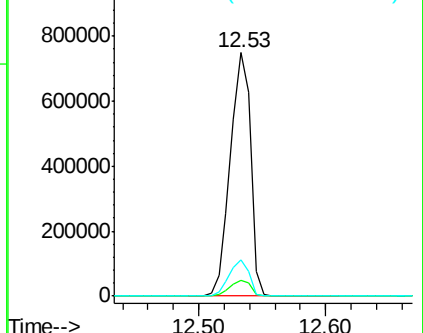
122 14.9 10.3 15.5

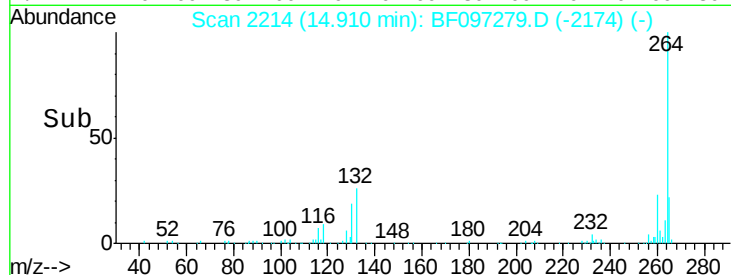
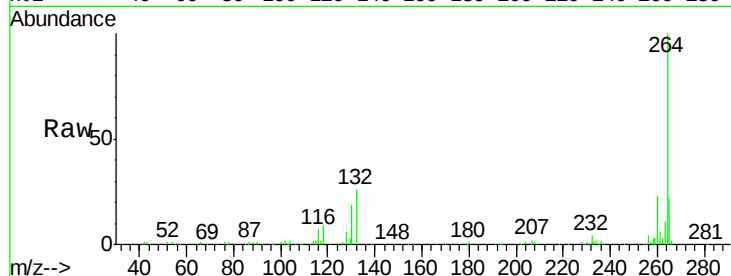
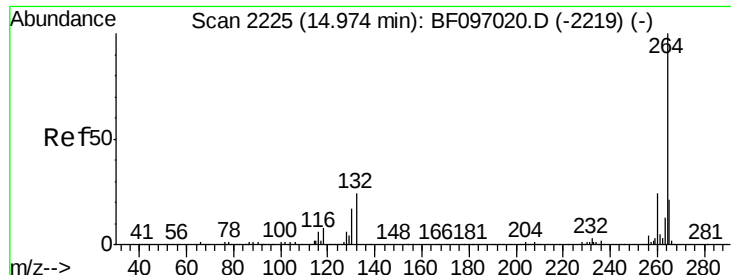


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.91 min Scan# 2214
Delta R.T. -0.06 min
Lab File: BF097279.D
Acq: 2 Aug 2017 17:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	186899
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.6	17.2	25.8

