

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097295.D
 Acq On : 3 Aug 2017 1:21
 Operator : SJ/JU
 Sample : I4535-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 03 02:06:38 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

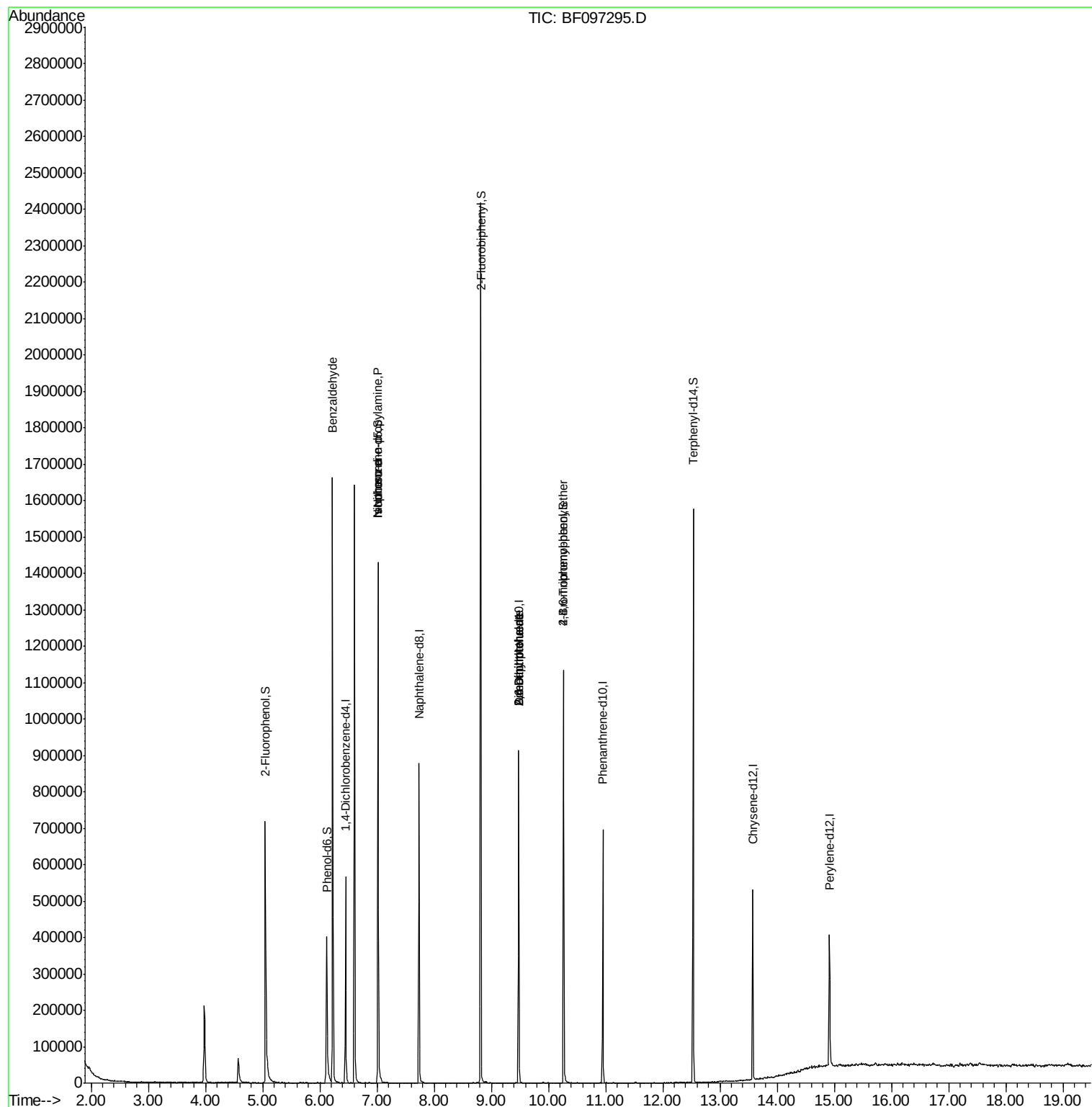
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	88608	20.00	ng	-0.05
21) Naphthalene-d8	7.73	136	373958	20.00	ng	-0.05
38) Acenaphthene-d10	9.47	164	172007	20.00	ng	-0.06
63) Phenanthrene-d10	10.95	188	228851	20.00	ng	-0.05
75) Chrysene-d12	13.57	240	178083	20.00	ng	-0.05
86) Perylene-d12	14.92	264	127263	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	264308	44.97	ng	-0.05
7) Phenol-d6	6.12	99	176199	26.26	ng	-0.05
23) Nitrobenzene-d5	7.02	82	407942	64.00	ng	-0.05
41) 2,4,6-Tribromophenol	10.26	330	117936	86.78	ng	-0.06
44) 2-Fluorobiphenyl	8.82	172	794506	78.39	ng	-0.05
78) Terphenyl-d14	12.53	244	466115	53.37	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.22	77	9339	2.35	ng	# 73
19) n-Nitroso-di-n-propylamine	7.02	70	53459	12.10	ng	# 88
25) Isophorone	7.02	82	399571	32.01	ng	# 67
49) Dimethylphthalate	9.48	163	50748	3.89	ng	# 1
50) 2,6-Dinitrotoluene	9.47	165	21703	7.83	ng	# 33
56) 2,4-Dinitrotoluene	9.47	165	21703	6.81	ng	# 33
66) 4-Bromophenyl-phenylether	10.26	248	7385	3.23	ng	# 1

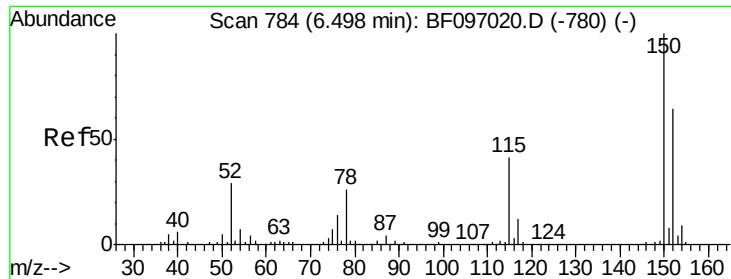
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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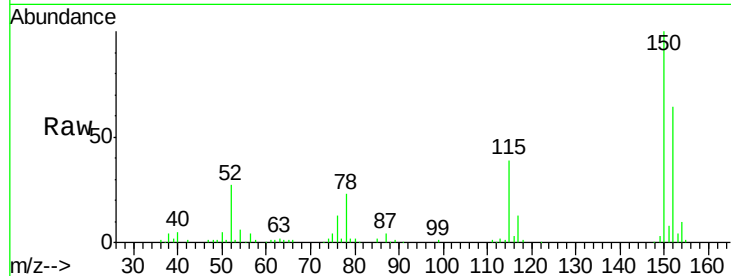


#1

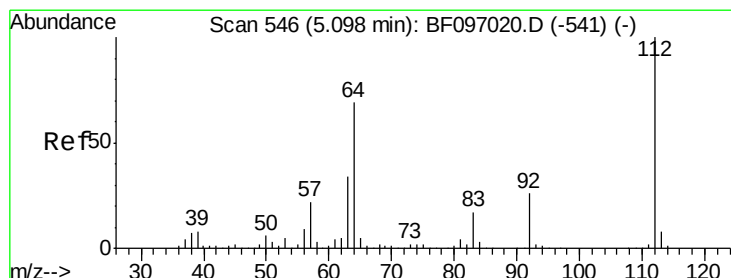
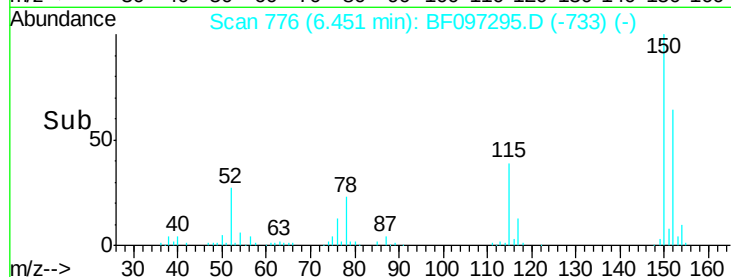
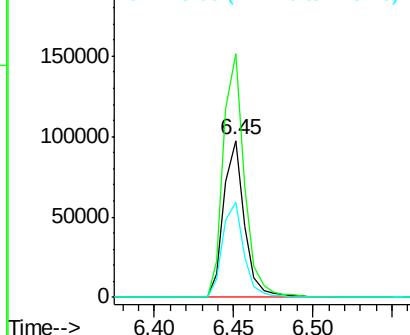
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.45 min Scan# 776
 Delta R.T. -0.05 min
 Lab File: BF097295.D
 Acq: 3 Aug 2017 1:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 88608
 Ion Ratio Lower Upper
 152 100
 150 155.3 126.2 189.2
 115 61.0 52.2 78.2



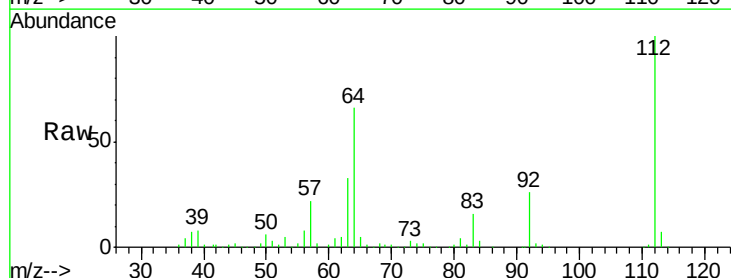
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



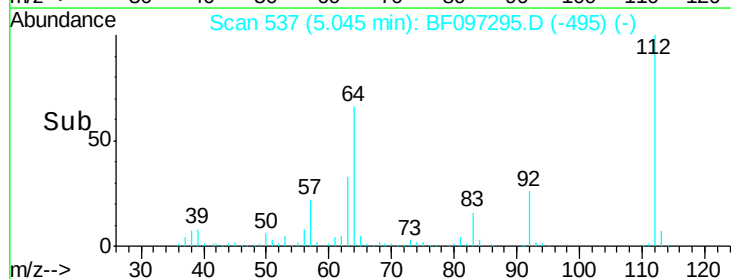
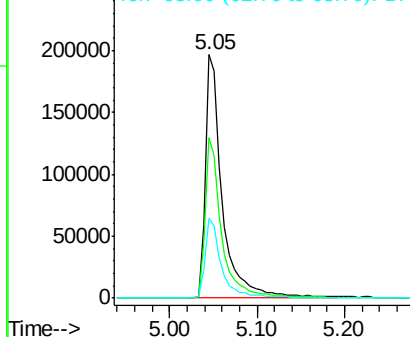
#5

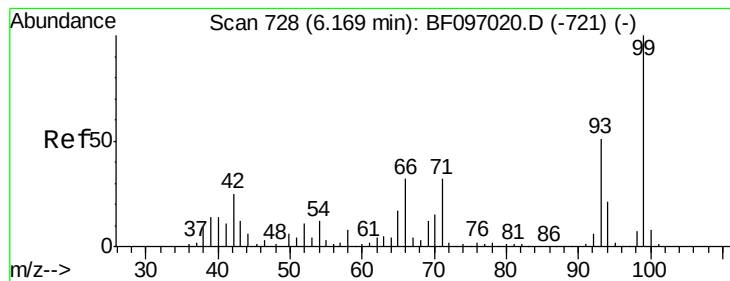
2-Fluorophenol
 Concen: 44.97 ng
 RT: 5.05 min Scan# 537
 Delta R.T. -0.05 min
 Lab File: BF097295.D
 Acq: 3 Aug 2017 1:21

Tgt Ion:112 Resp: 264308
 Ion Ratio Lower Upper
 112 100
 64 65.7 46.0 69.0
 63 32.9 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: 26.26 ng

RT: 6.12 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF097295.D

Acq: 3 Aug 2017 1:21

Instrument :

BNA_F

ClientSampleId :

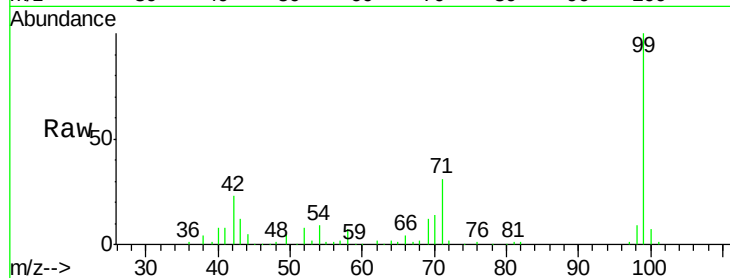
Tot Ion: 99 Resp: 176199

Ion Ratio Lower Upper

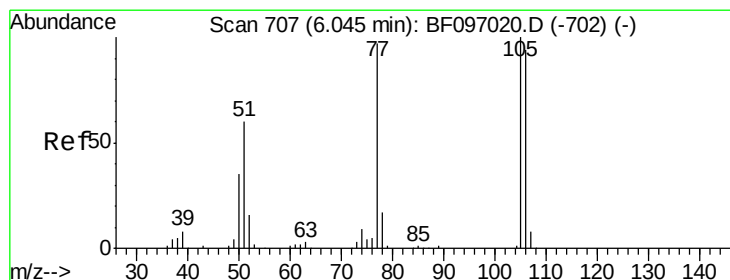
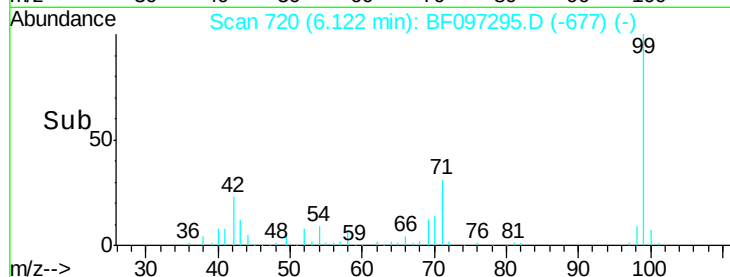
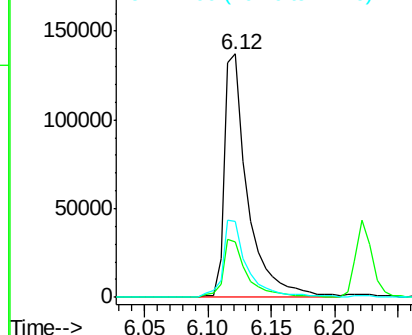
99 100

42 22.6 13.5 20.3#

71 31.0 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



#9

Benzaldehyde

Concen: 2.35 ng

RT: 6.22 min Scan# 737

Delta R.T. 0.18 min

Lab File: BF097295.D

Acq: 3 Aug 2017 1:21

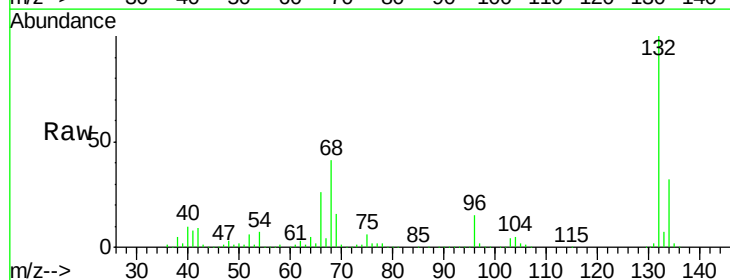
Tgt Ion: 77 Resp: 9339

Ion Ratio Lower Upper

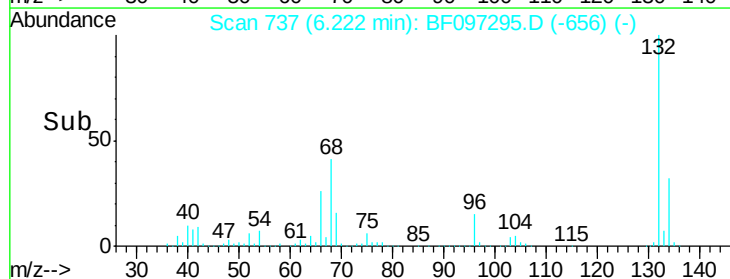
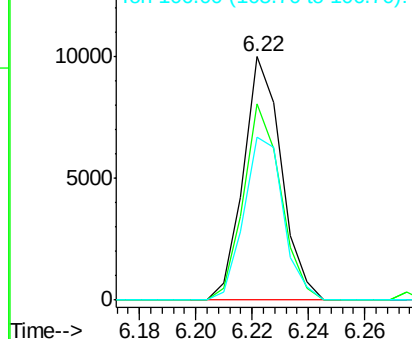
77 100

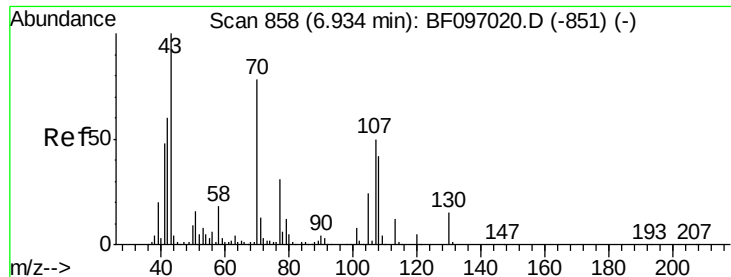
105 80.9 83.8 123.8#

106 67.1 79.1 119.1#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

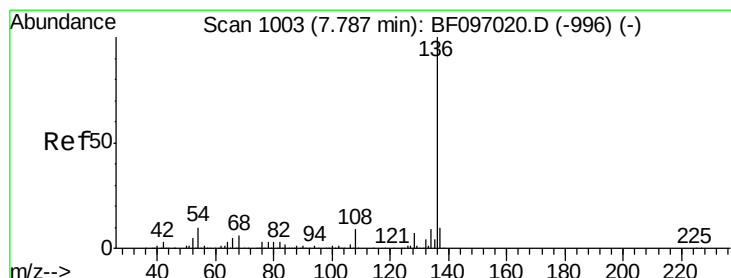
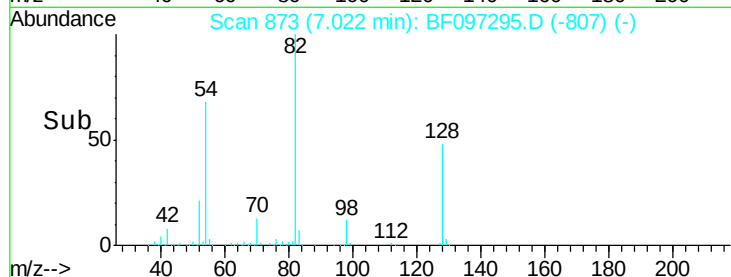
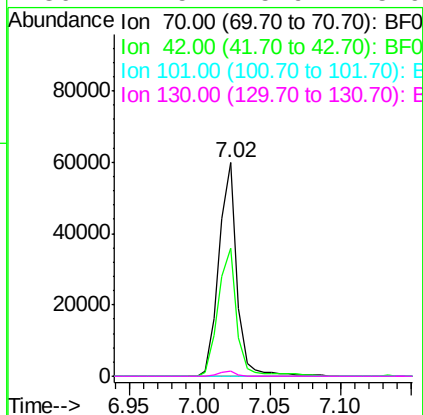
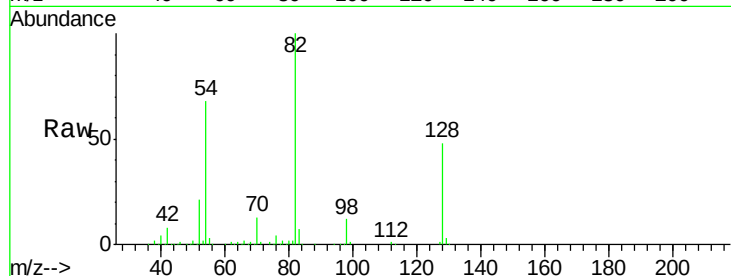




#19
n-Nitroso-di-n-propylamine
Concen: 12.10 ng
RT: 7.02 min Scan# 873
Delta R.T. 0.09 min
Lab File: BF097295.D
Acq: 3 Aug 2017 1:21

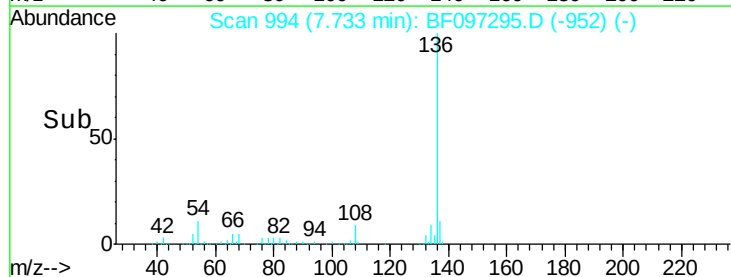
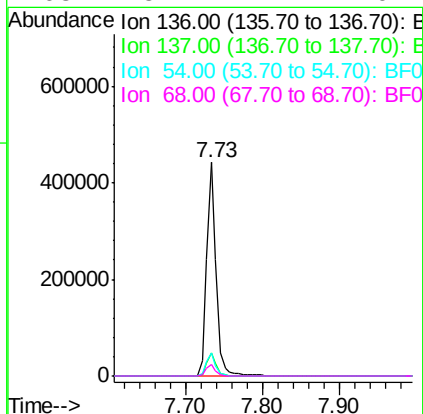
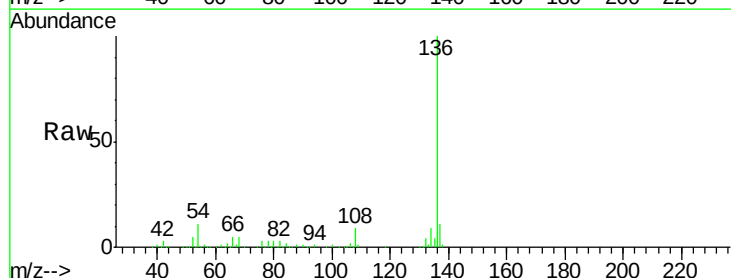
Instrument :
BNA_F
ClientSampleId :

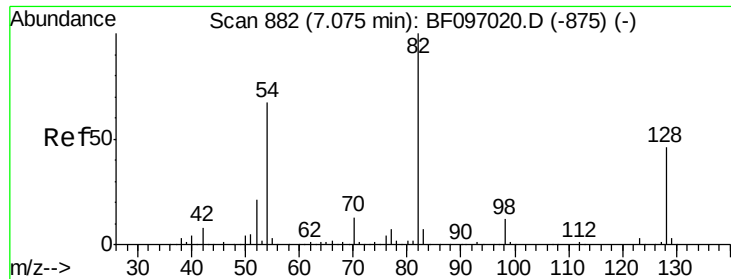
Tot Ion: 70 Resp: 53459
Ion Ratio Lower Upper
70 100
42 59.7 47.2 70.8
101 0.0 7.2 10.8#
130 2.5 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.73 min Scan# 994
Delta R.T. -0.05 min
Lab File: BF097295.D
Acq: 3 Aug 2017 1:21

Tgt Ion: 136 Resp: 373958
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 10.5 4.9 7.3#
68 5.1 4.1 6.1

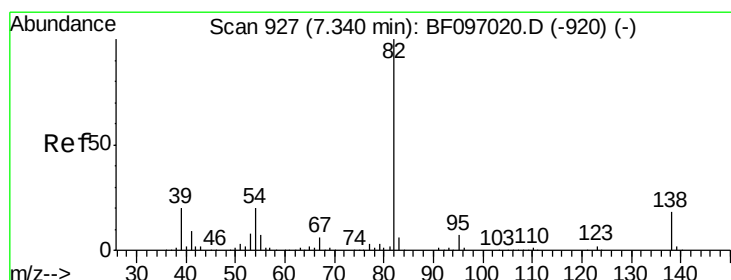
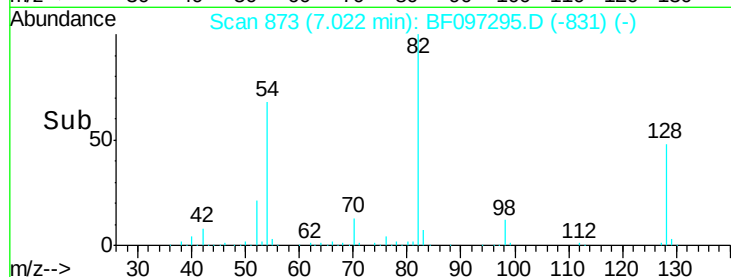
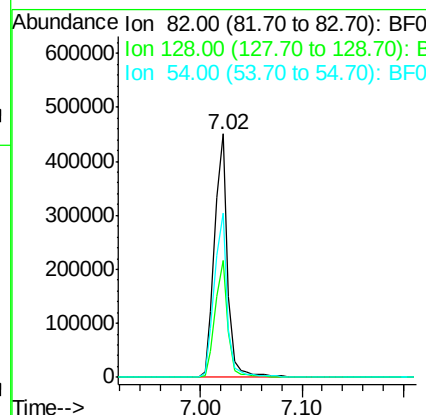
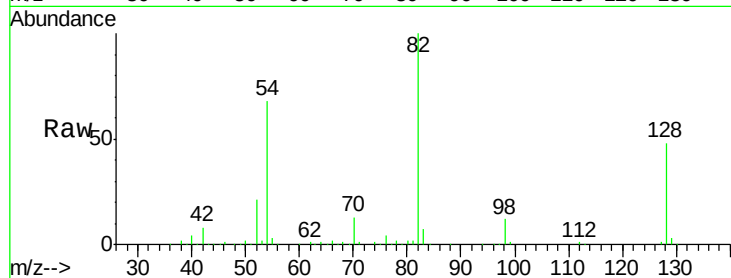




#23
Nitrobenzene-d5
Concen: 64.00 ng
RT: 7.02 min Scan# 873
Delta R.T. -0.05 min
Lab File: BF097295.D
Acq: 3 Aug 2017 1:21

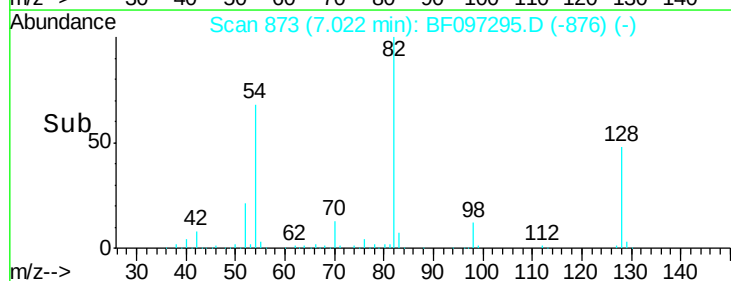
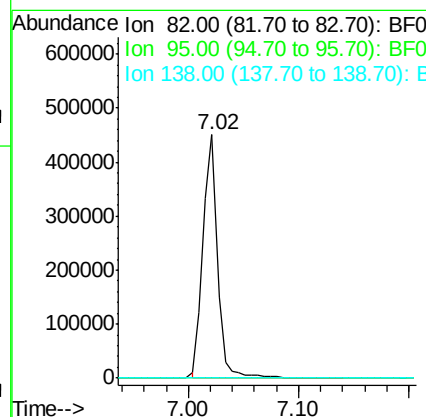
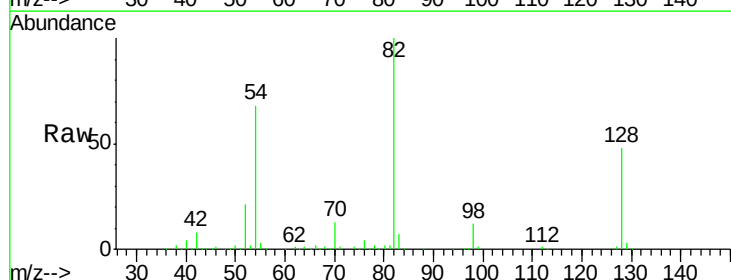
Instrument :
BNA_F
ClientSampled :

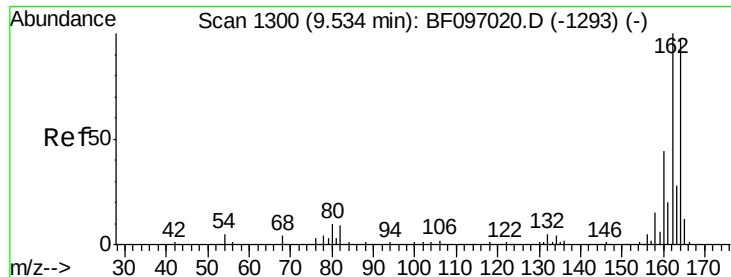
Tot Ion: 82 Resp: 407942
Ion Ratio Lower Upper
82 100
128 47.8 34.0 51.0
54 67.7 42.2 63.2#



#25
Isophorone
Concen: 32.01 ng
RT: 7.02 min Scan# 873
Delta R.T. -0.32 min
Lab File: BF097295.D
Acq: 3 Aug 2017 1:21

Tgt Ion: 82 Resp: 399571
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#

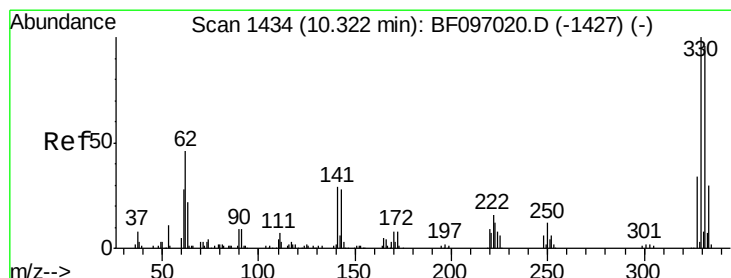
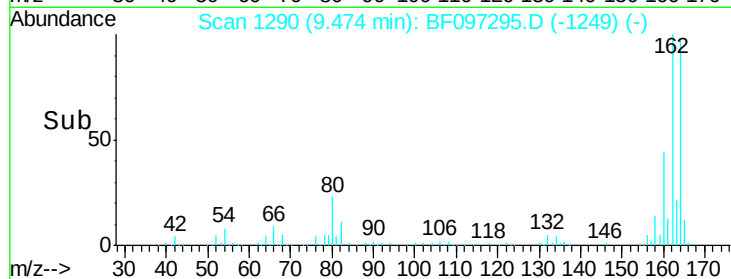
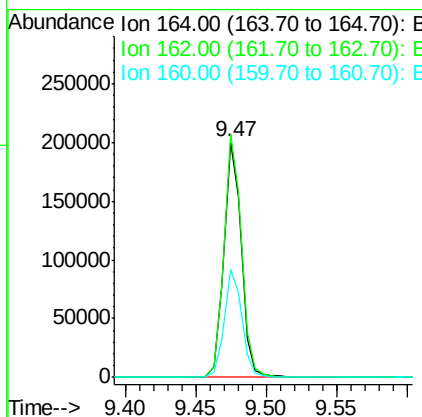
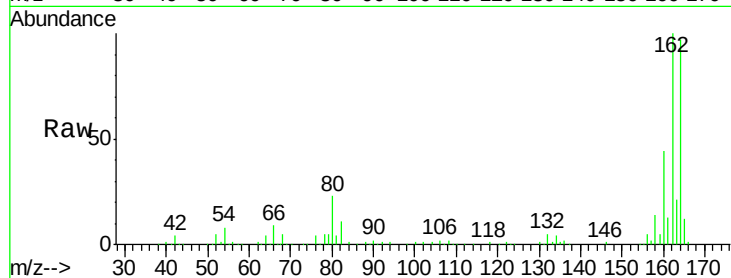




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.06 min
 Lab File: BF097295.D
 Acq: 3 Aug 2017 1:21

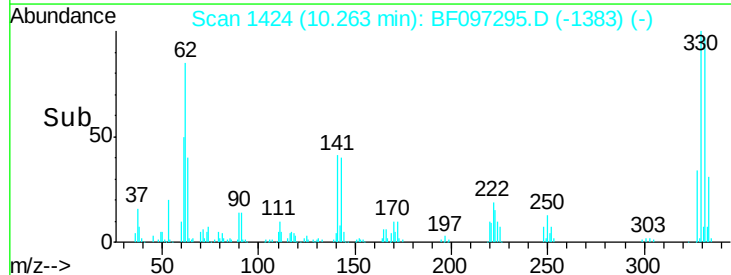
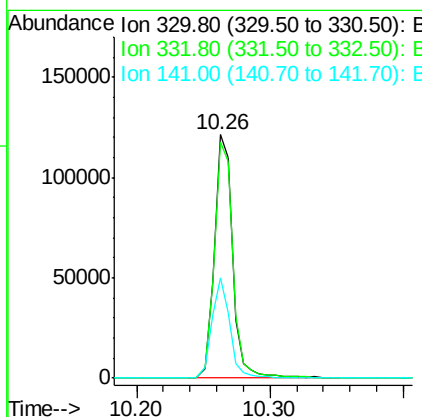
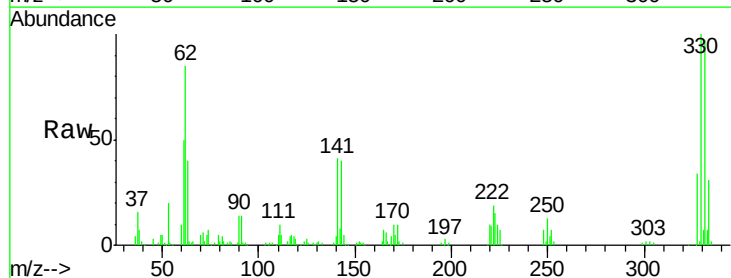
Instrument :
 BNA_F
 ClientSampleId :

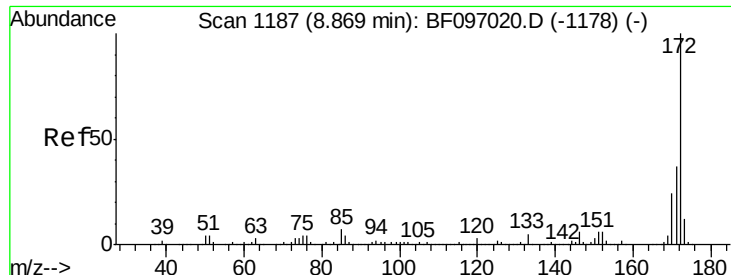
Tot Ion:164 Resp: 172007
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.6 123.8
 160 46.0 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 86.78 ng
 RT: 10.26 min Scan# 1424
 Delta R.T. -0.06 min
 Lab File: BF097295.D
 Acq: 3 Aug 2017 1:21

Tgt Ion:330 Resp: 117936
 Ion Ratio Lower Upper
 330 100
 332 98.5 76.6 115.0
 141 40.3 31.4 47.2

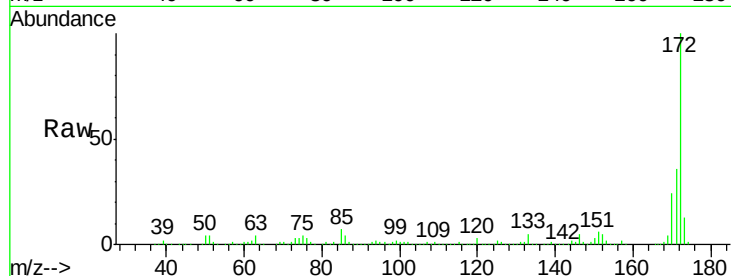




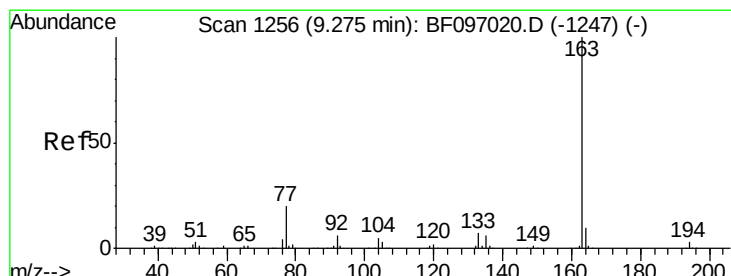
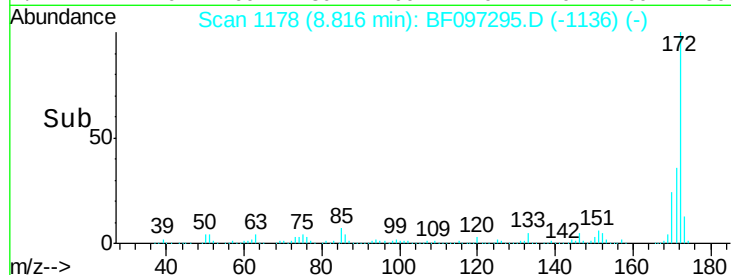
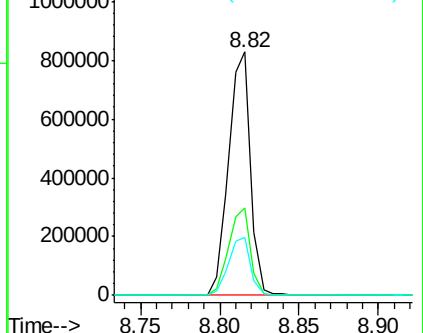
#44
2-Fluorobiphenyl
Concen: 78.39 ng
RT: 8.82 min Scan# 1178
Delta R.T. -0.05 min
Lab File: BF097295.D
Acq: 3 Aug 2017 1:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.8	19.8	29.8

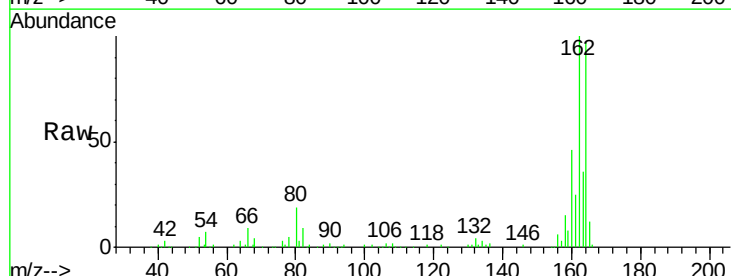


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

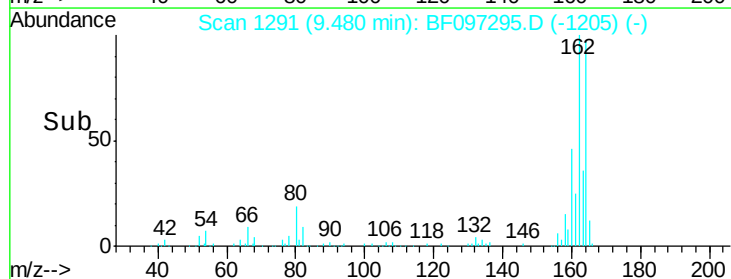
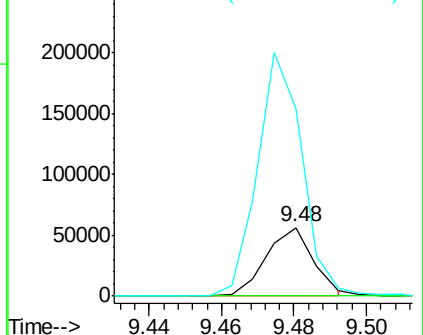


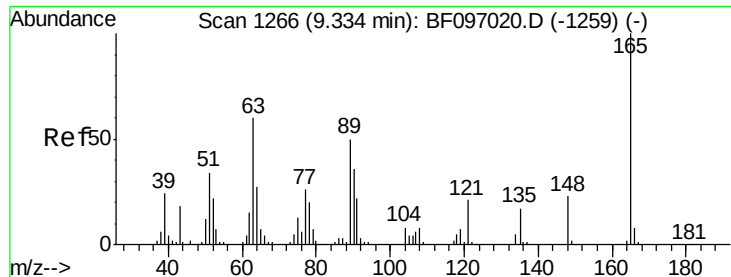
#49
Dimethylphthalate
Concen: 3.89 ng
RT: 9.48 min Scan# 1291
Delta R.T. 0.21 min
Lab File: BF097295.D
Acq: 3 Aug 2017 1:21

Tgt Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.6	4.0#
164	273.3	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

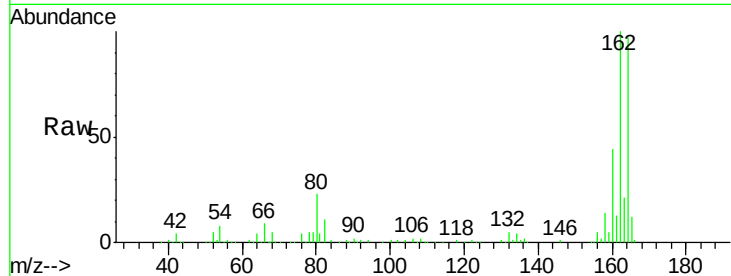




#50
 2,6-Dinitrotoluene
 Concen: 7.83 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. 0.14 min
 Lab File: BF097295.D
 Acq: 3 Aug 2017 1:21

Instrument :
 BNA_F
 ClientSampleId :

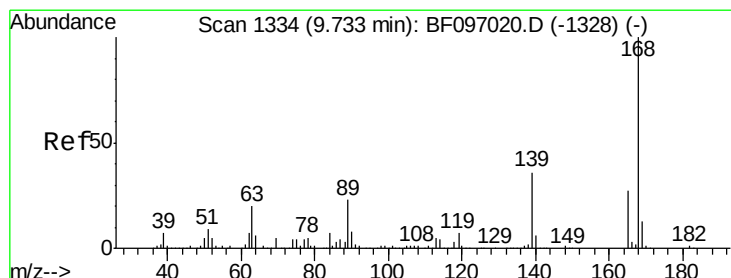
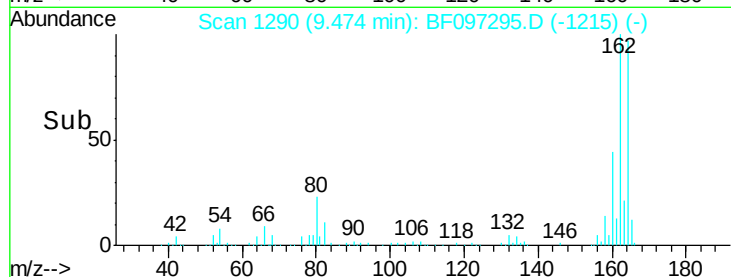
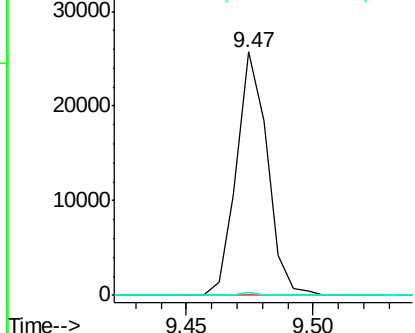
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.3	51.5#
89	1.2	37.1	55.7#



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: 6.81 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.26 min
 Lab File: BF097295.D
 Acq: 3 Aug 2017 1:21

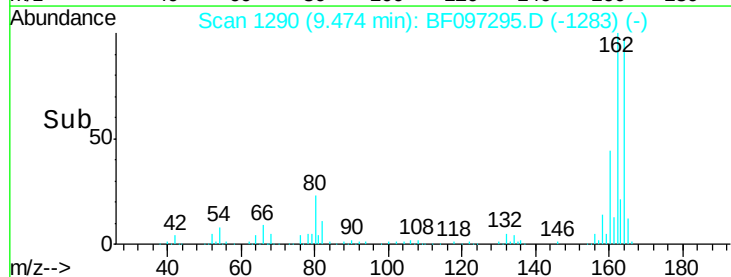
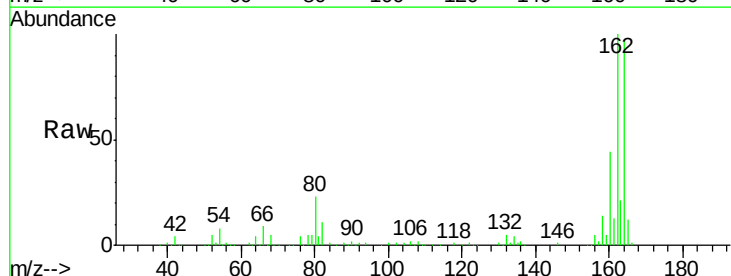
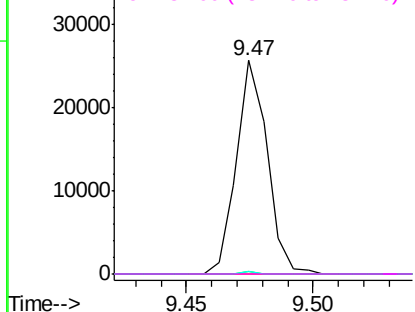
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.4	38.0#
89	1.2	46.4	69.6#
182	0.0	1.8	2.6#

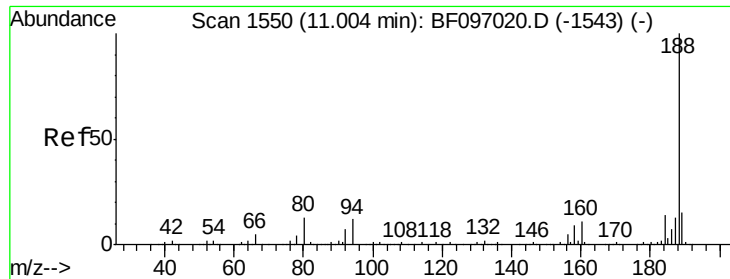
Abundance Ion 165.00 (164.70 to 165.70): E

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

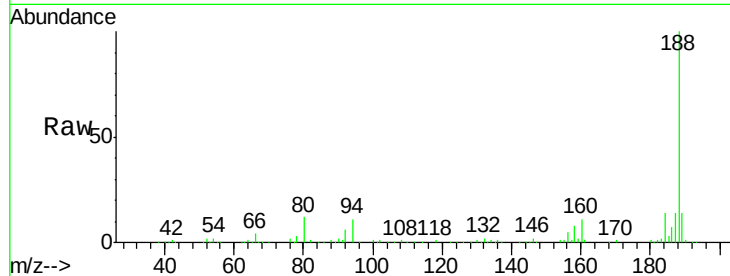




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.95 min Scan# 1541
 Delta R.T. -0.05 min
 Lab File: BF097295.D
 Acq: 3 Aug 2017 1:21

Instrument :
 BNA_F
 ClientSampleId :

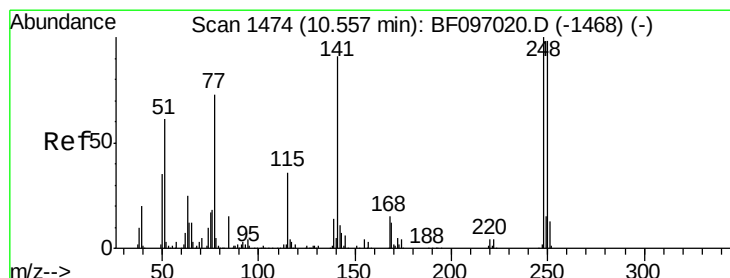
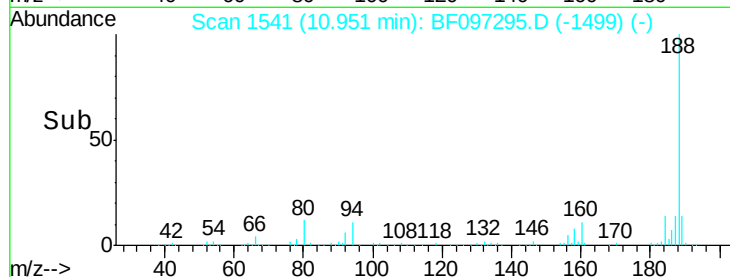
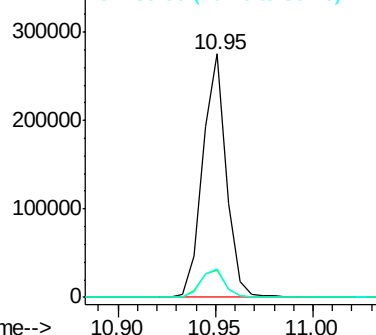
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.4	14.2
80	11.7	10.2	15.2



Abundance Ion 188.00 (187.70 to 188.70): E

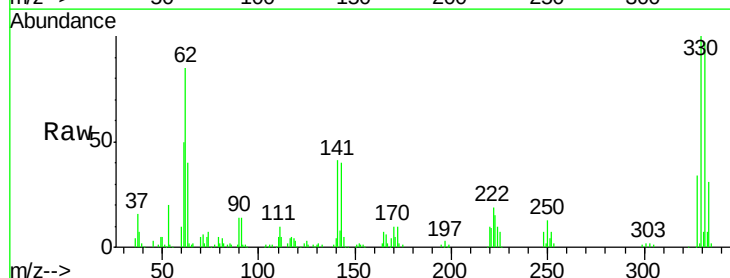
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#66
 4-Bromophenyl-phenylether
 Concen: 3.23 ng
 RT: 10.26 min Scan# 1424
 Delta R.T. -0.29 min
 Lab File: BF097295.D
 Acq: 3 Aug 2017 1:21

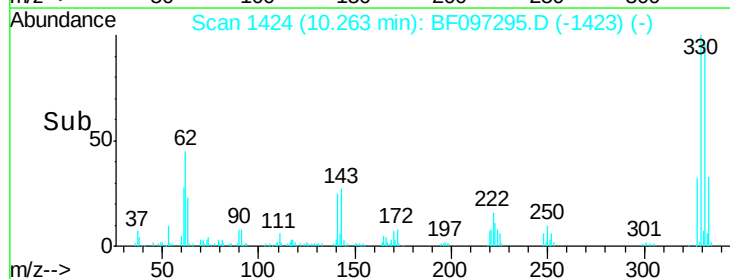
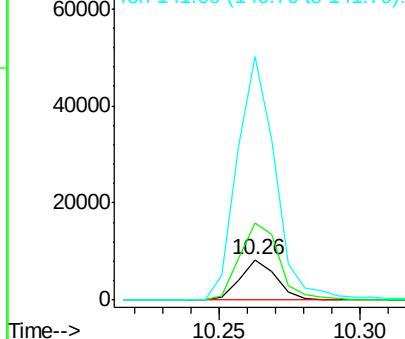
Tgt Ion	Ratio	Lower	Upper
248	100		
250	191.9	76.8	115.2#
141	603.9	68.6	103.0#

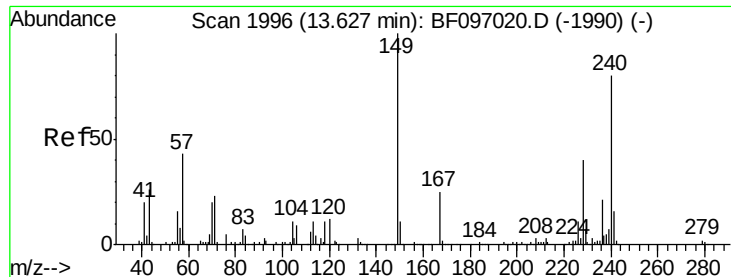


Abundance Ion 248.00 (247.70 to 248.70): E

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# 1987

Delta R.T. -0.05 min

Lab File: BF097295.D

Acq: 3 Aug 2017 1:21

Instrument :

BNA_F

ClientSampleId :

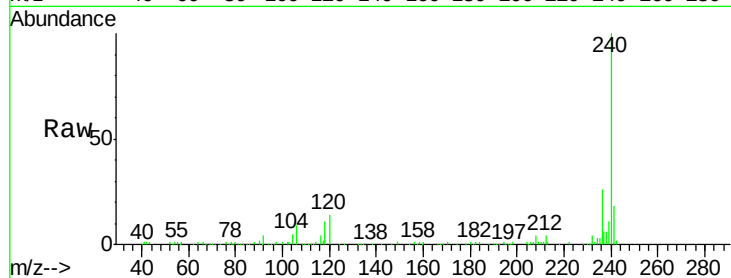
Tot Ion:240 Resp: 178083

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

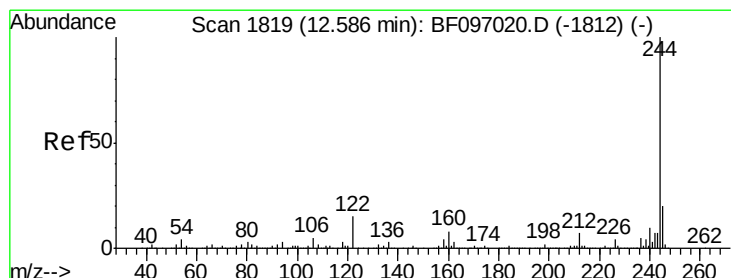
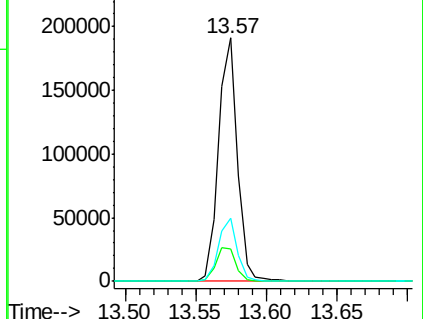
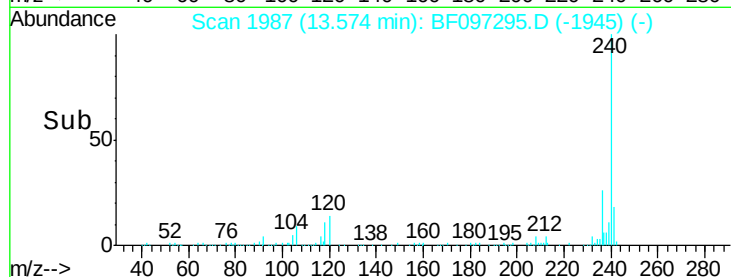
236 26.1 20.5 30.7



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: 53.37 ng

RT: 12.53 min Scan# 1810

Delta R.T. -0.05 min

Lab File: BF097295.D

Acq: 3 Aug 2017 1:21

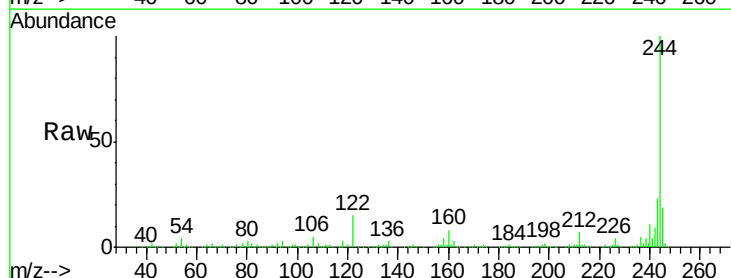
Tgt Ion:244 Resp: 466115

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

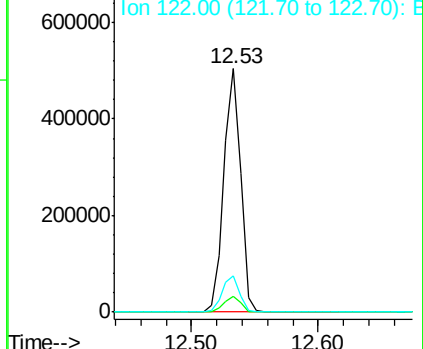
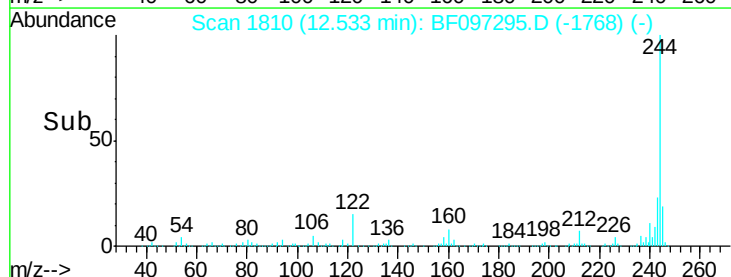
122 14.9 10.3 15.5

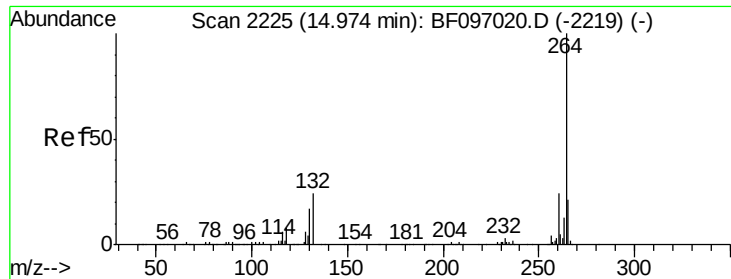


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.92 min Scan# 2215
Delta R.T. -0.06 min
Lab File: BF097295.D
Acq: 3 Aug 2017 1:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	20.6	17.2	25.8

