

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097040.D
 Acq On : 25 Jul 2017 20:25
 Operator : SJ/JU
 Sample : I4369-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 26 01:05:22 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

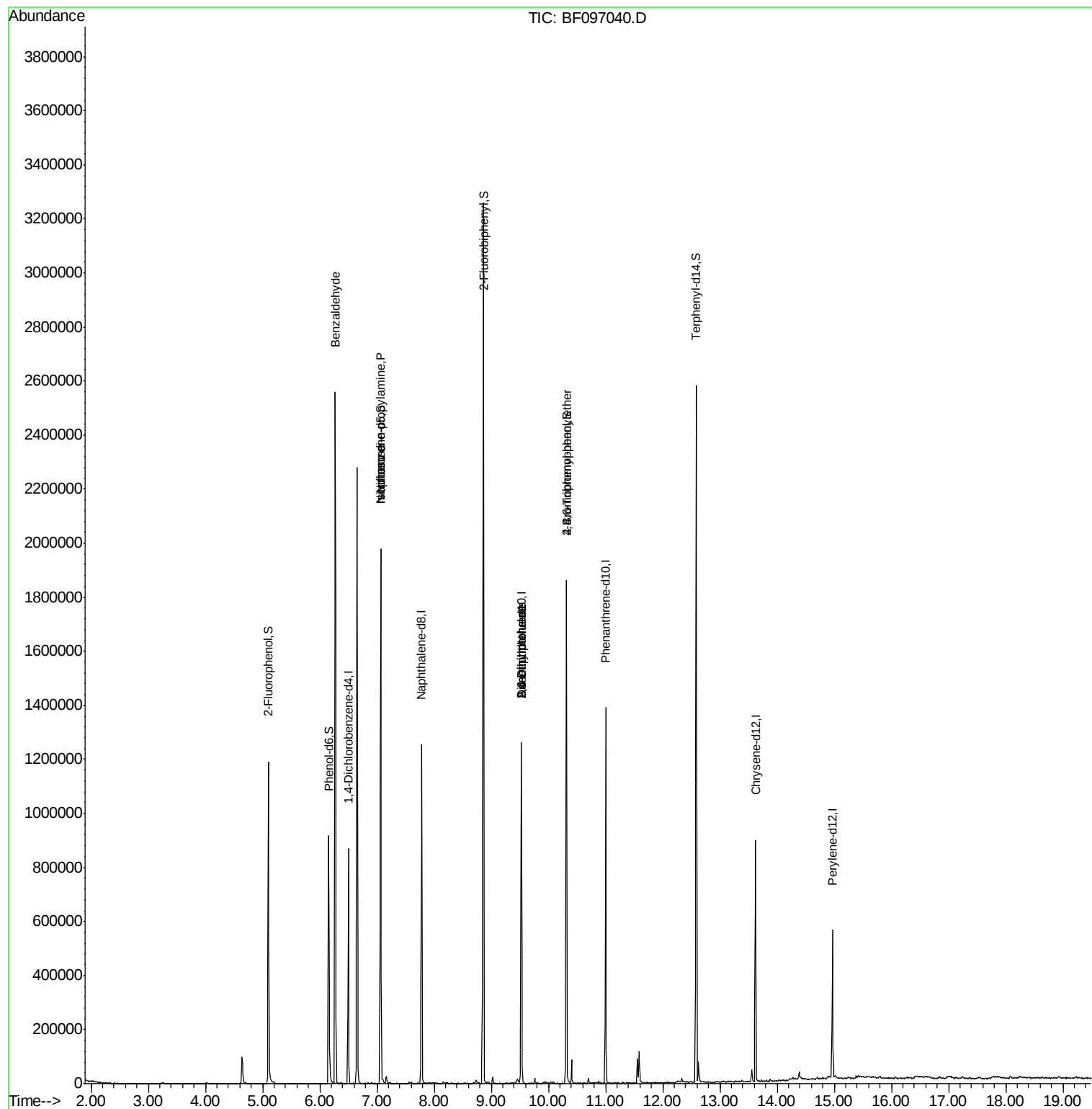
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	136408	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	570739	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	267743	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	466757	20.00	ng	0.00
75) Chrysene-d12	13.62	240	292150	20.00	ng	0.00
86) Perylene-d12	14.97	264	206482	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	378871	41.87	ng	0.00
7) Phenol-d6	6.16	99	337372	32.66	ng	-0.01
23) Nitrobenzene-d5	7.07	82	667172	68.58	ng	0.00
41) 2,4,6-Tribromophenol	10.32	330	232086	109.71	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	1235892	78.34	ng	0.00
78) Terphenyl-d14	12.59	244	902393	62.98	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.27	77	14638	2.39	ng	# 70
19) n-Nitroso-di-n-propylamine	7.07	70	90102	13.25	ng	# 86
25) Isophorone	7.07	82	647793	34.00	ng	# 67
49) Dimethylphthalate	9.53	163	79301	3.90	ng	# 1
50) 2,6-Dinitrotoluene	9.53	165	33881	7.86	ng	# 34
56) 2,4-Dinitrotoluene	9.53	165	33881	6.83	ng	# 33
66) 4-Bromophenyl-phenylether	10.32	248	14527	3.12	ng	# 1

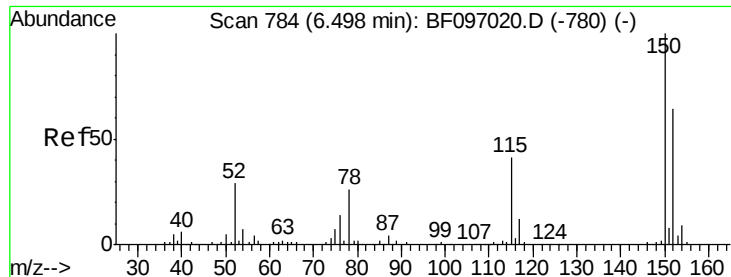
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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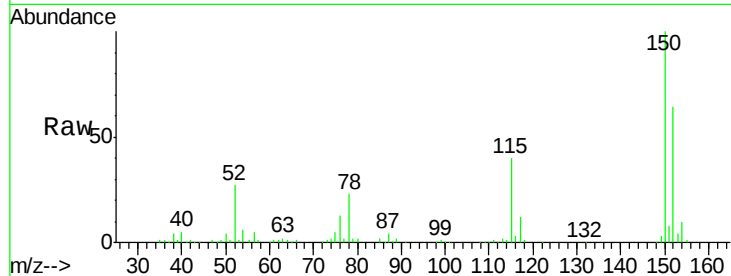


#1

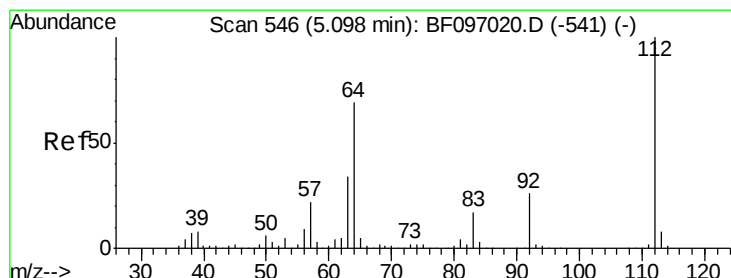
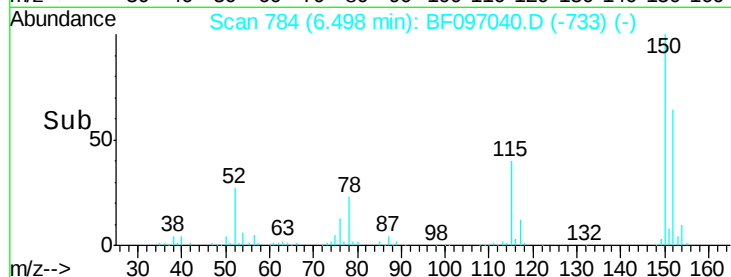
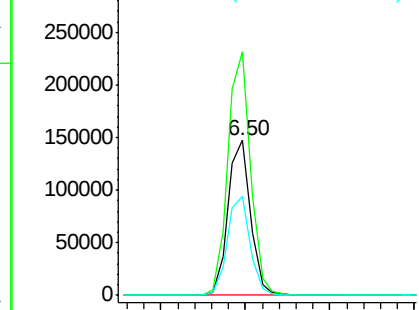
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF097040.D
Acq: 25 Jul 2017 20:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 136408
Ion Ratio Lower Upper
152 100
150 157.2 126.2 189.2
115 63.7 52.2 78.2



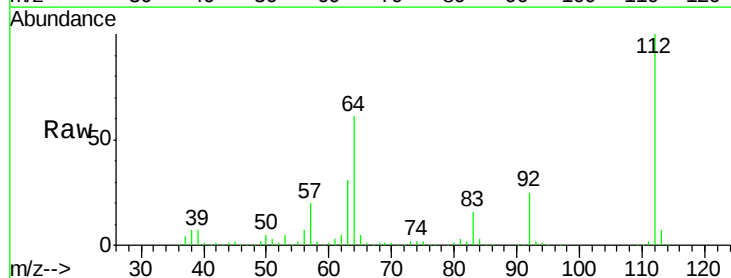
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



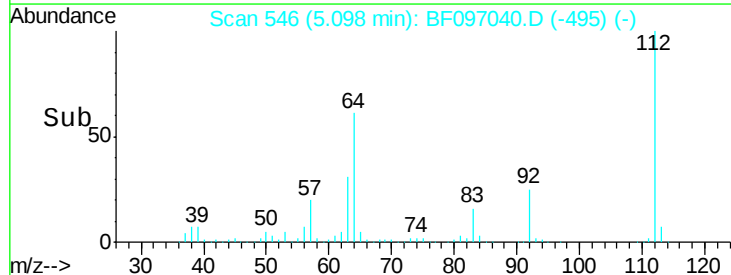
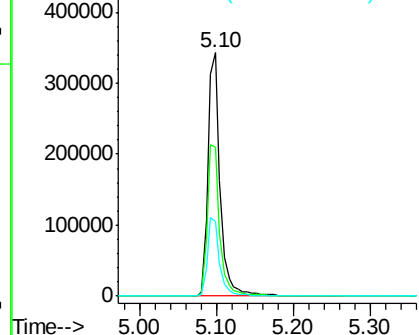
#5

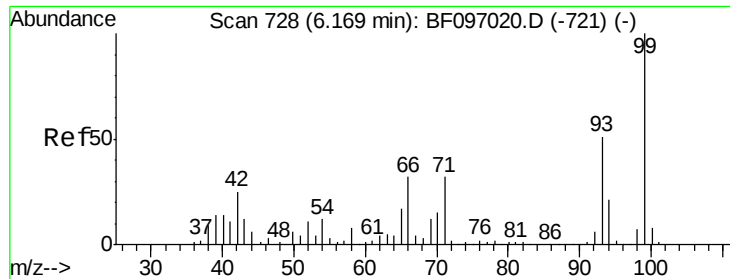
2-Fluorophenol
Concen: 41.87 ng
RT: 5.10 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF097040.D
Acq: 25 Jul 2017 20:25

Tgt Ion:112 Resp: 378871
Ion Ratio Lower Upper
112 100
64 61.1 46.0 69.0
63 30.8 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: 32.66 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097040.D

Acq: 25 Jul 2017 20:25

Instrument :

BNA_F

ClientSampled :

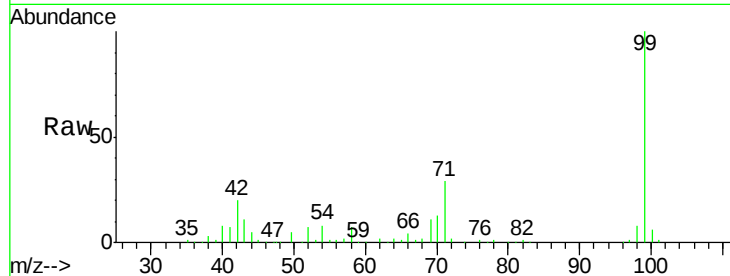
Tot Ion: 99 Resp: 337372

Ion Ratio Lower Upper

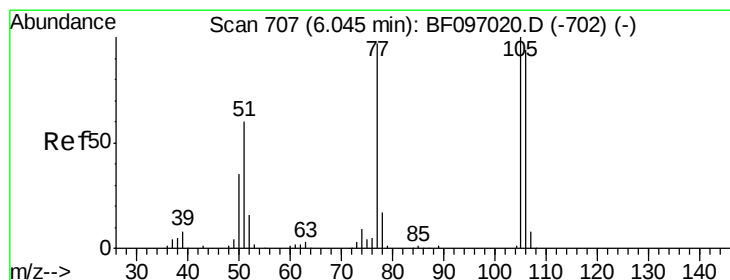
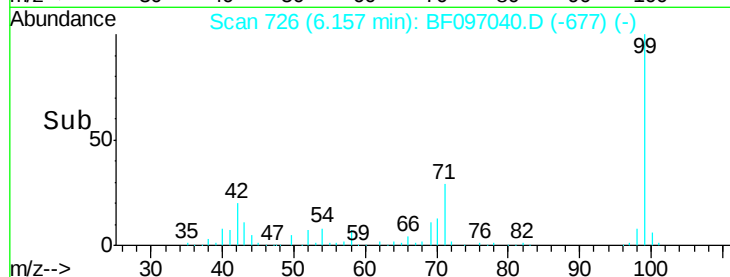
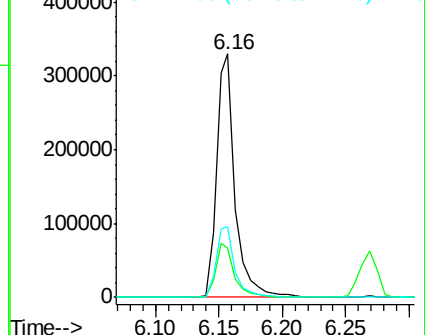
99 100

42 20.3 13.5 20.3#

71 29.2 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: 2.39 ng

RT: 6.27 min Scan# 745

Delta R.T. 0.22 min

Lab File: BF097040.D

Acq: 25 Jul 2017 20:25

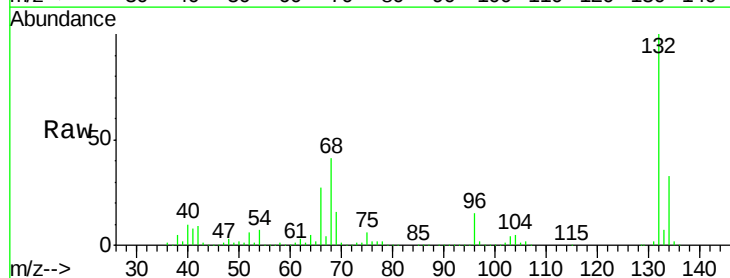
Tgt Ion: 77 Resp: 14638

Ion Ratio Lower Upper

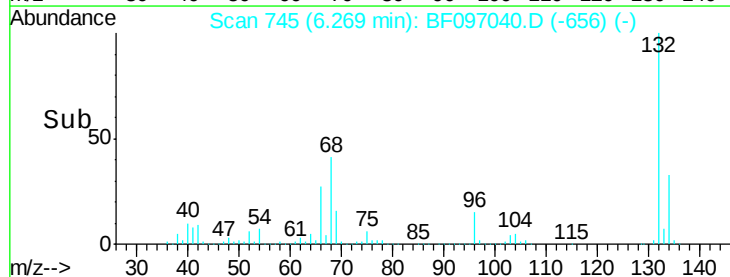
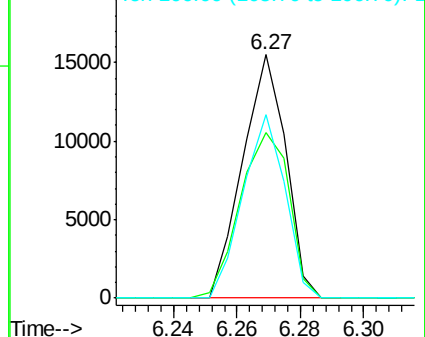
77 100

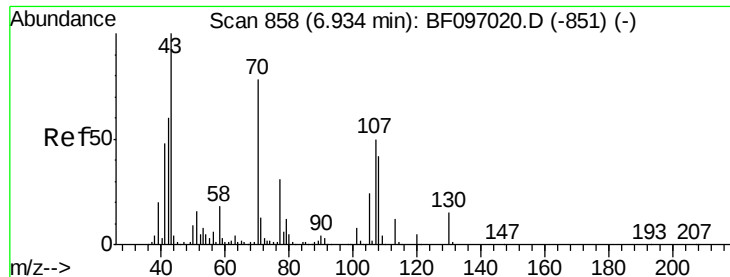
105 67.9 83.8 123.8#

106 75.2 79.1 119.1#



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

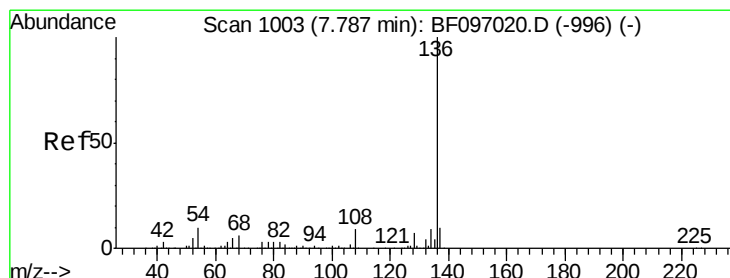
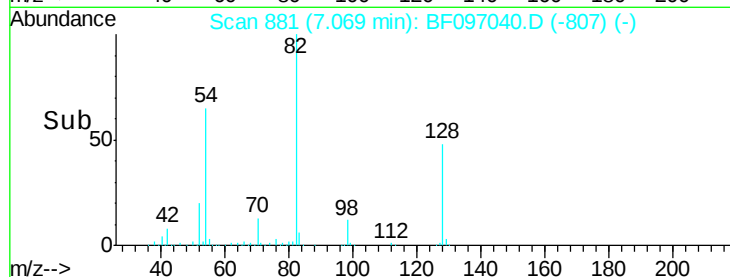
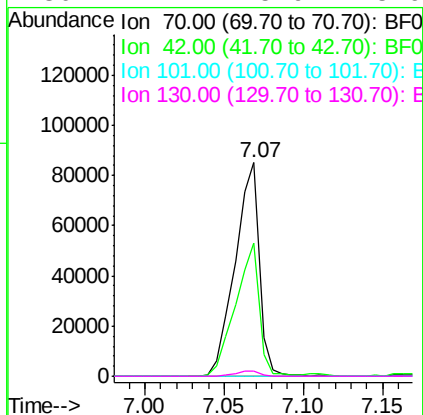
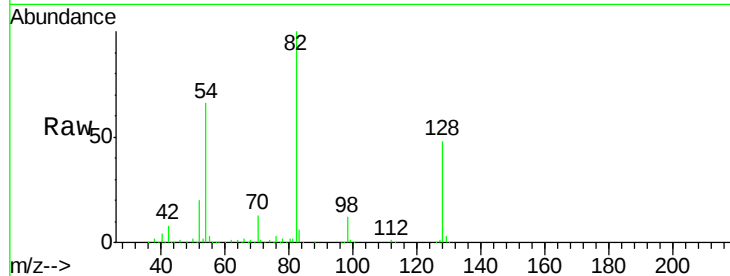




#19
n-Nitroso-di-n-propylamine
Concen: 13.25 ng
RT: 7.07 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF097040.D
Acq: 25 Jul 2017 20:25

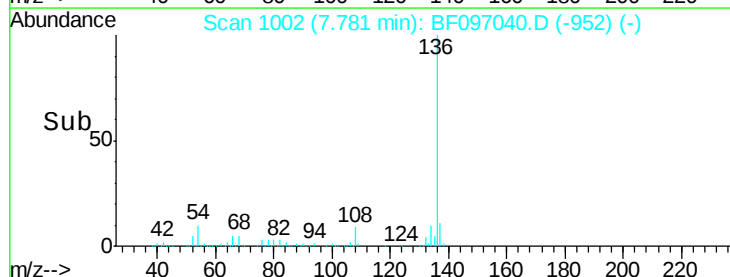
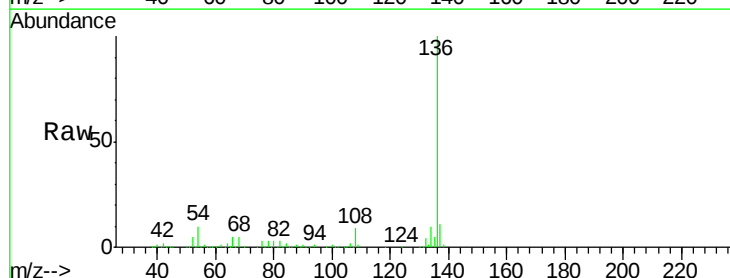
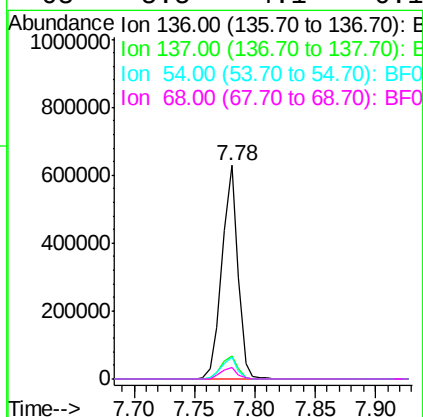
Instrument :
BNA_F
ClientSampleId :

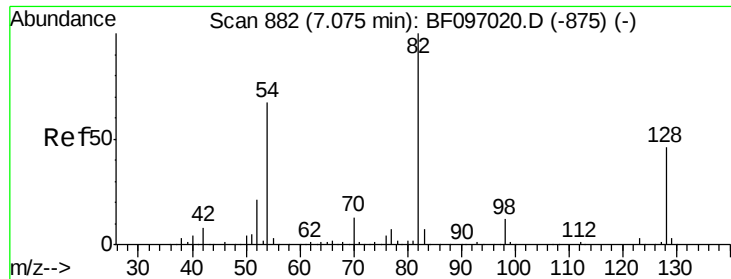
Tot Ion: 70 Resp: 90102
Ion Ratio Lower Upper
70 100
42 62.4 47.2 70.8
101 0.0 7.2 10.8#
130 2.4 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097040.D
Acq: 25 Jul 2017 20:25

Tgt Ion:136 Resp: 570739
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 10.1 4.9 7.3#
68 5.5 4.1 6.1

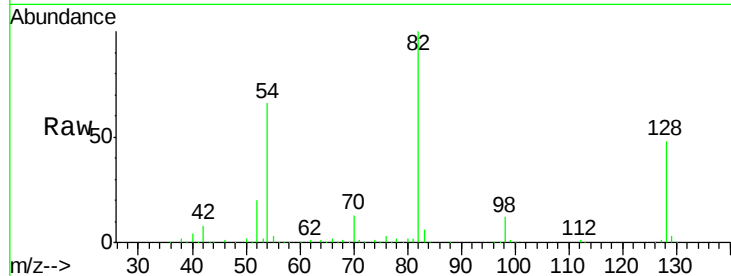




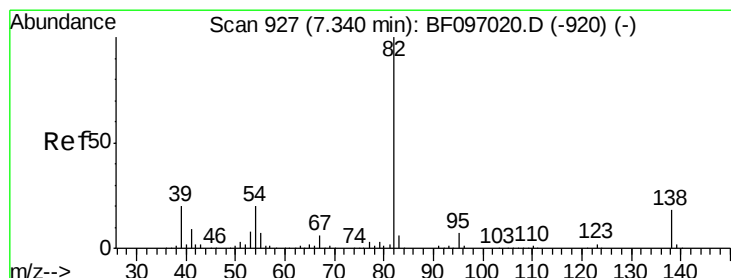
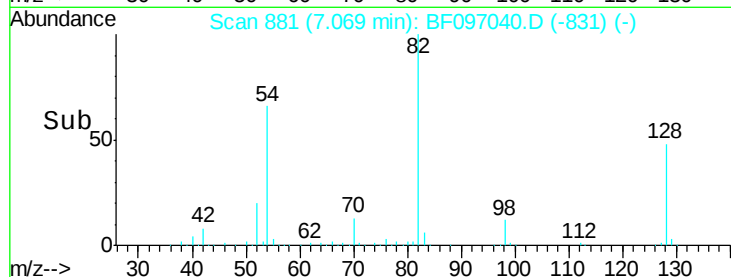
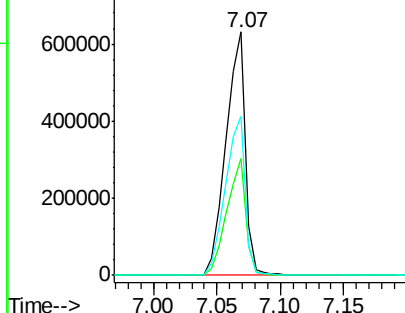
#23
Nitrobenzene-d5
Concen: 68.58 ng
RT: 7.07 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF097040.D
Acq: 25 Jul 2017 20:25

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 667172
Ion Ratio Lower Upper
82 100
128 47.9 34.0 51.0
54 65.6 42.2 63.2#

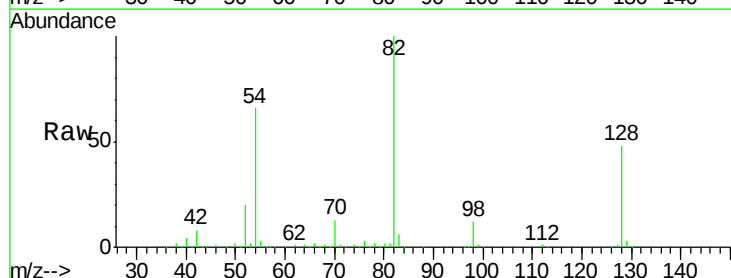


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

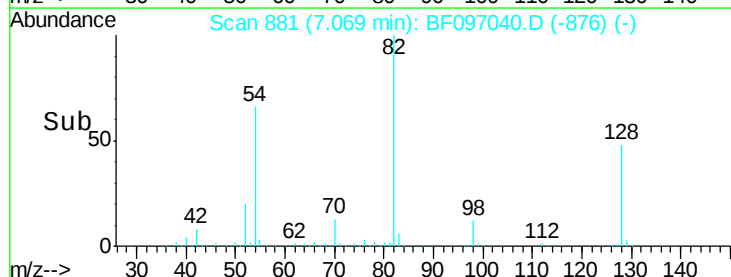
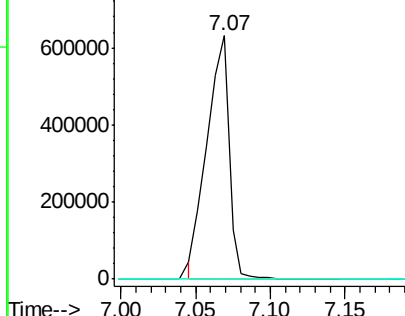


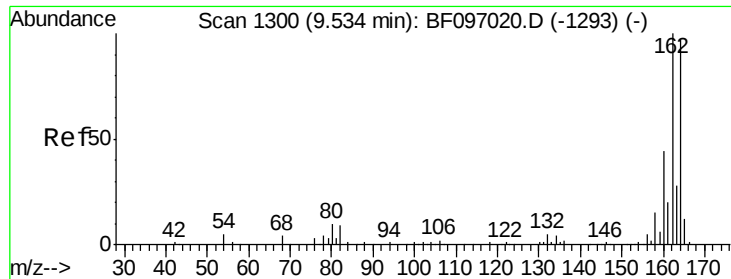
#25
Isophorone
Concen: 34.00 ng
RT: 7.07 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF097040.D
Acq: 25 Jul 2017 20:25

Tgt Ion: 82 Resp: 647793
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

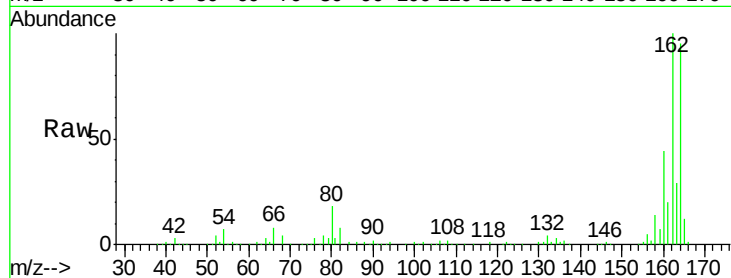




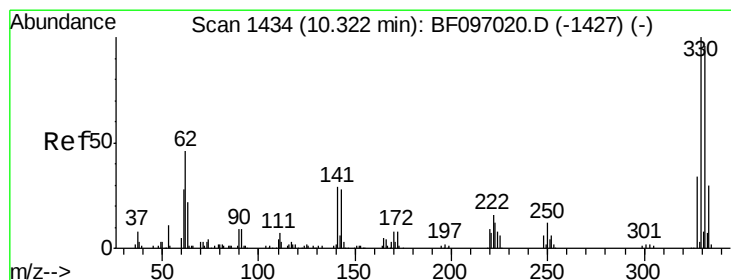
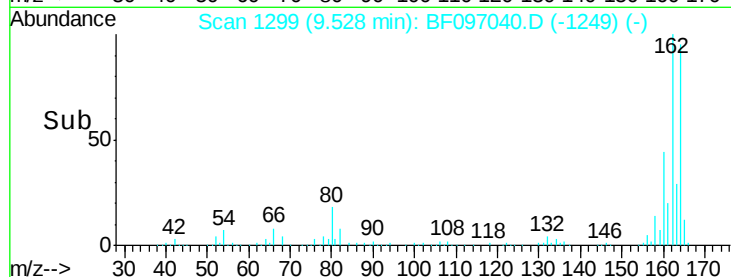
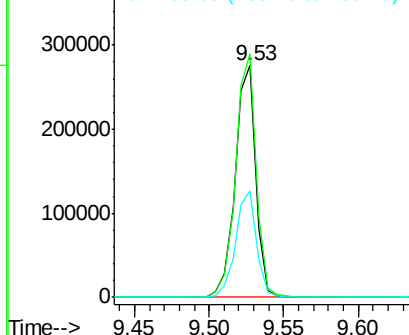
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF097040.D
 Acq: 25 Jul 2017 20:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 267743
 Ion Ratio Lower Upper
 164 100
 162 105.1 82.6 123.8
 160 46.2 36.2 54.2

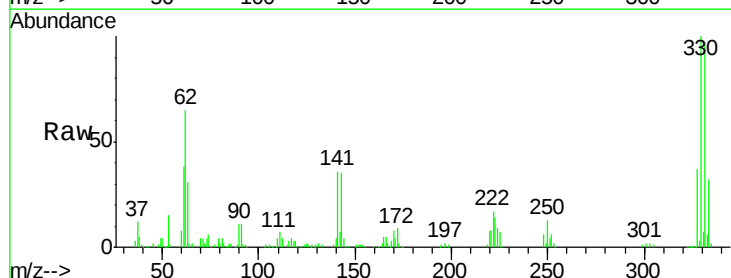


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

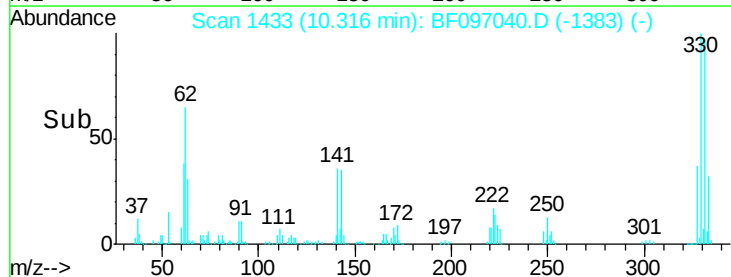
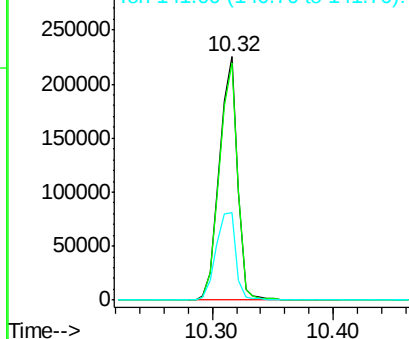


#41
 2,4,6-Tribromophenol
 Concen: 109.71 ng
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF097040.D
 Acq: 25 Jul 2017 20:25

Tgt Ion:330 Resp: 232086
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 115.0
 141 39.3 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

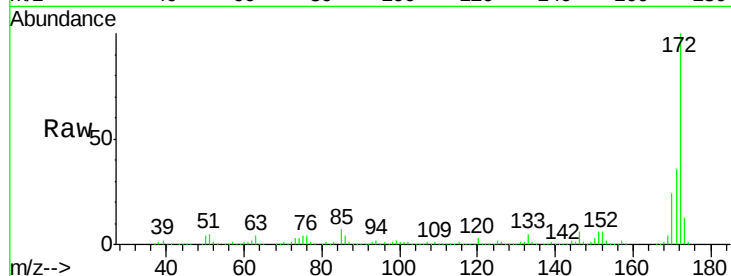




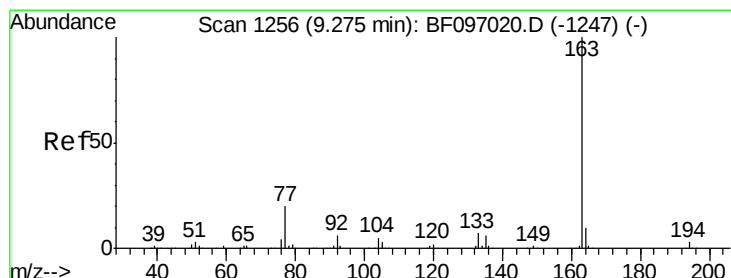
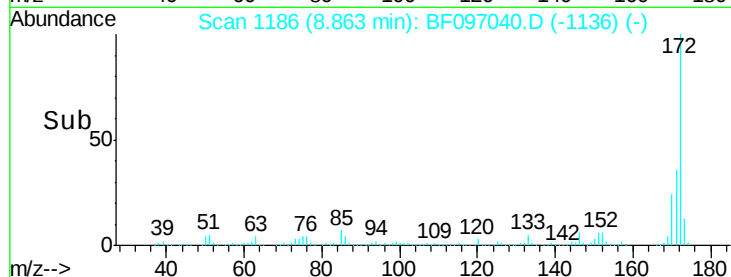
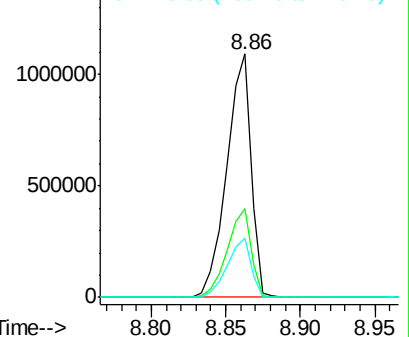
#44
2-Fluorobiphenyl
Concen: 78.34 ng
RT: 8.86 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF097040.D
Acq: 25 Jul 2017 20:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1235892
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.5 19.8 29.8

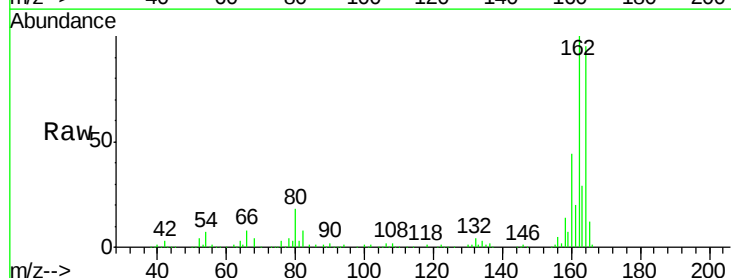


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

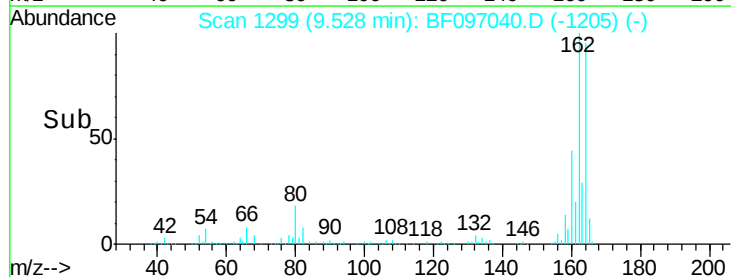
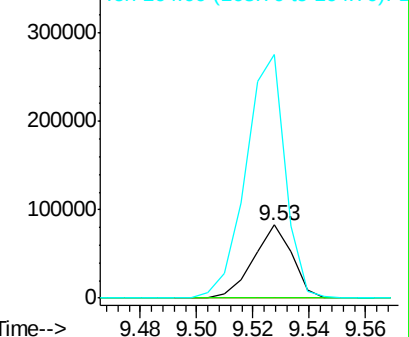


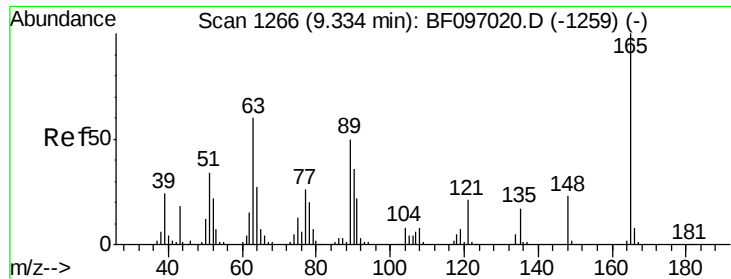
#49
Dimethylphthalate
Concen: 3.90 ng
RT: 9.53 min Scan# 1299
Delta R.T. 0.25 min
Lab File: BF097040.D
Acq: 25 Jul 2017 20:25

Tgt Ion:163 Resp: 79301
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 333.2 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

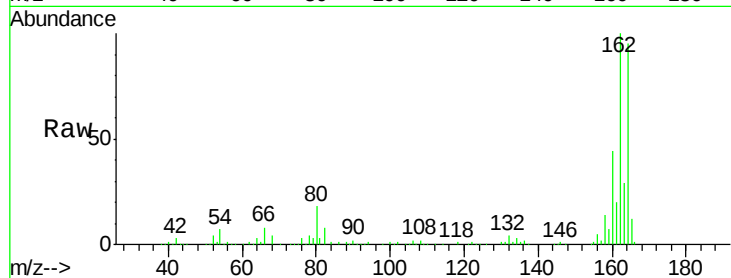




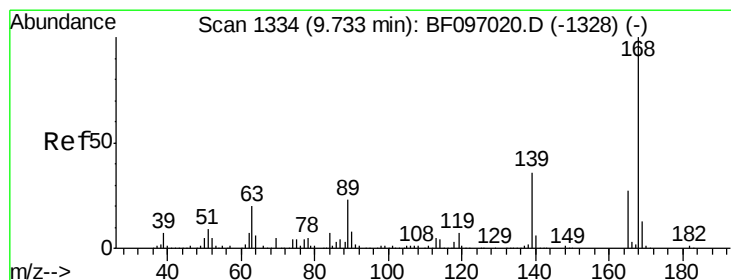
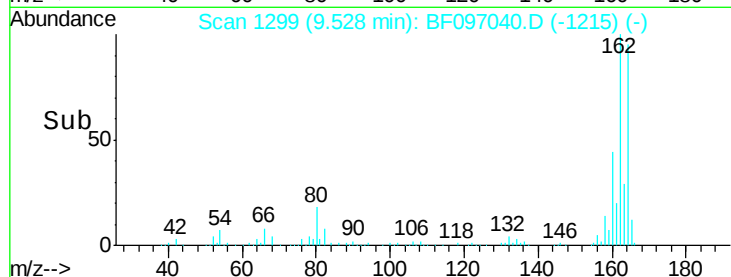
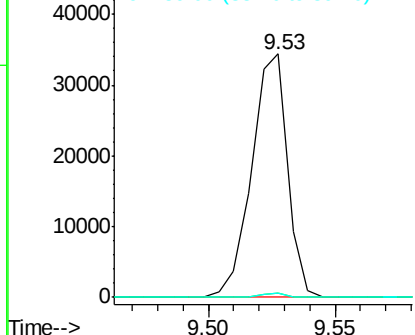
#50
2,6-Dinitrotoluene
Concen: 7.86 ng
RT: 9.53 min Scan# 1299
Delta R.T. 0.19 min
Lab File: BF097040.D
Acq: 25 Jul 2017 20:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 33881
Ion Ratio Lower Upper
165 100
63 2.0 34.3 51.5#
89 1.6 37.1 55.7#

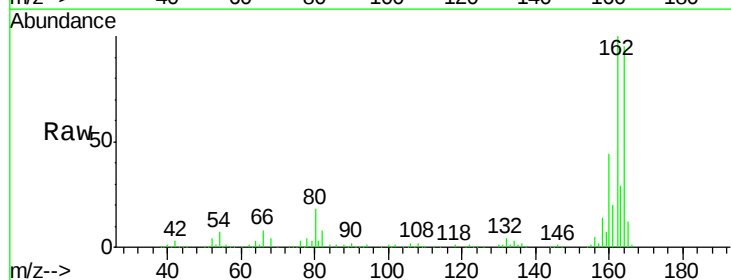


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

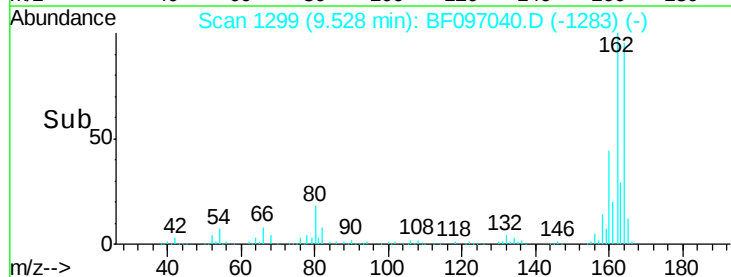
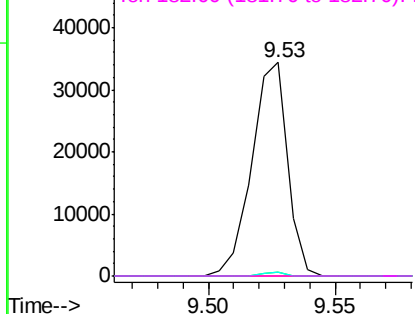


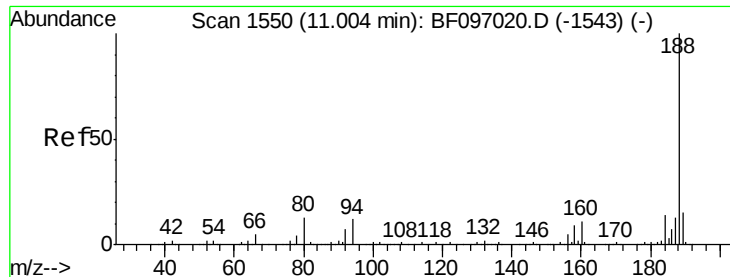
#56
2,4-Dinitrotoluene
Concen: 6.83 ng
RT: 9.53 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF097040.D
Acq: 25 Jul 2017 20:25

Tgt Ion:165 Resp: 33881
Ion Ratio Lower Upper
165 100
63 2.0 25.4 38.0#
89 1.6 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

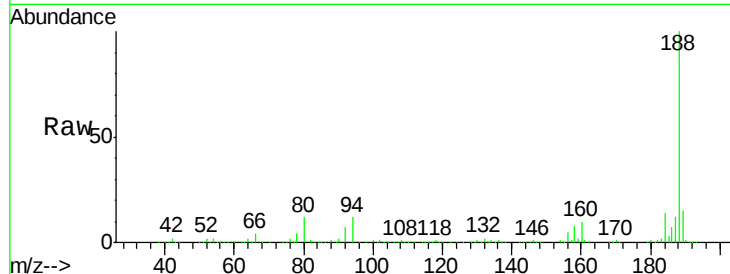




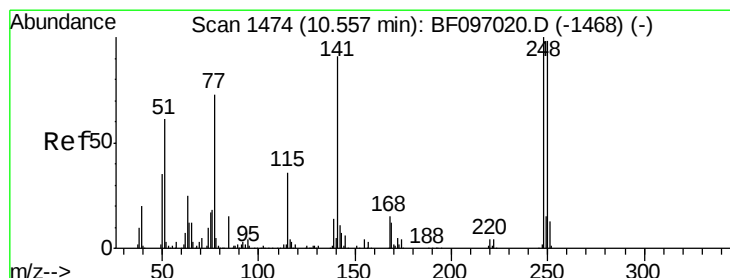
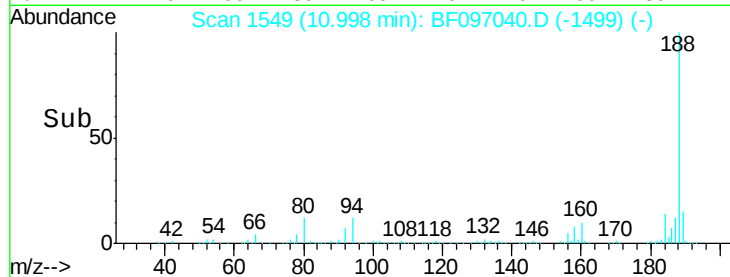
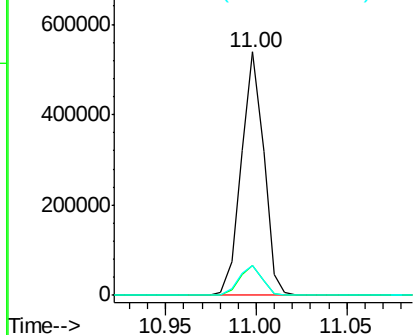
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097040.D
Acq: 25 Jul 2017 20:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 466757
Ion Ratio Lower Upper
188 100
94 12.5 9.4 14.2
80 12.3 10.2 15.2

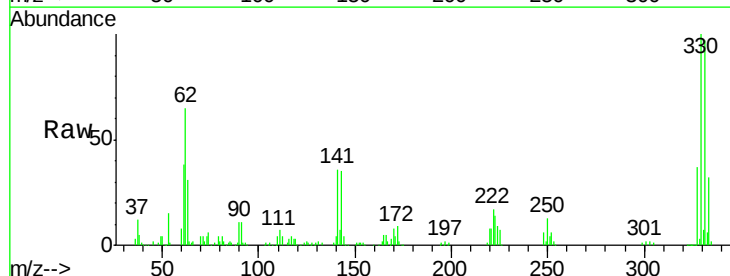


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

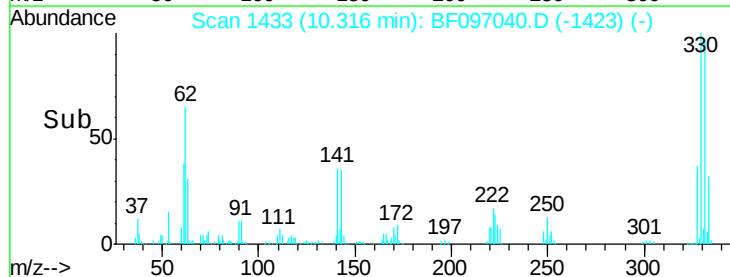
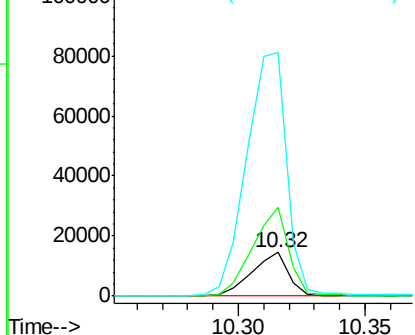


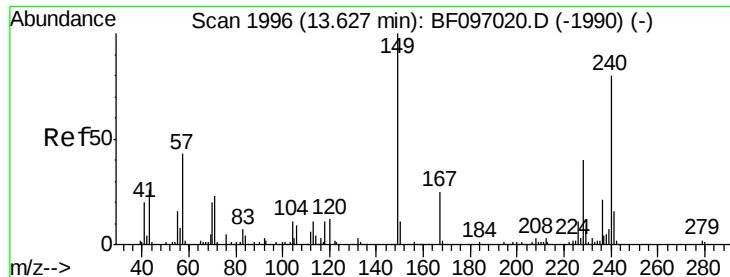
#66
4-Bromophenyl-phenylether
Concen: 3.12 ng
RT: 10.32 min Scan# 1433
Delta R.T. -0.24 min
Lab File: BF097040.D
Acq: 25 Jul 2017 20:25

Tgt Ion:248 Resp: 14527
Ion Ratio Lower Upper
248 100
250 203.2 76.8 115.2#
141 557.1 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: 13.62 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF097040.D

Acq: 25 Jul 2017 20:25

Instrument :

BNA_F

ClientSampleId :

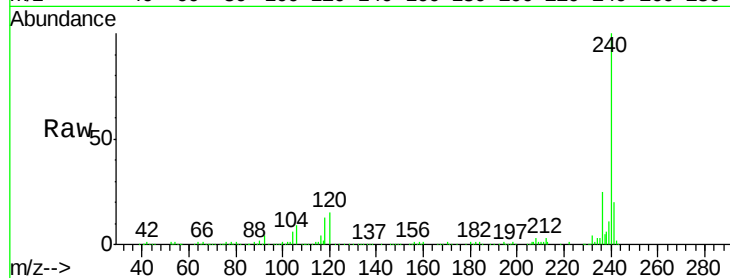
Tot Ion:240 Resp: 292150

Ion Ratio Lower Upper

240 100

120 14.7 5.8 8.8#

236 25.5 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

13.62

300000

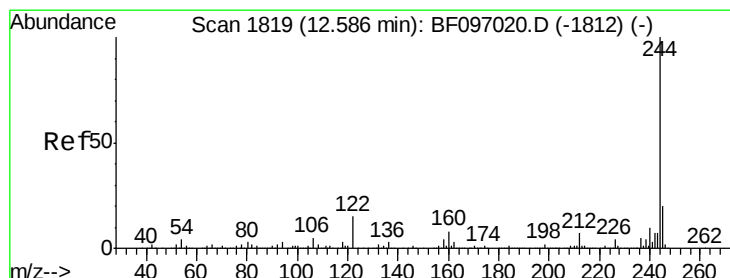
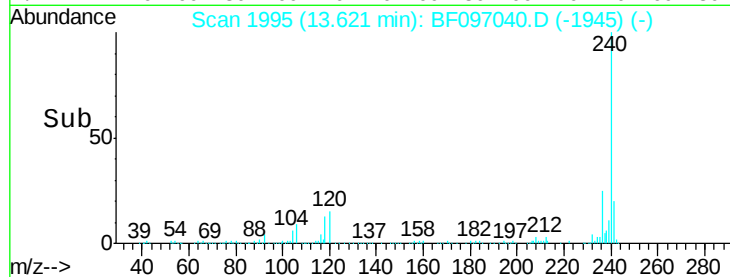
200000

100000

0

13.60 13.70

Time-->



#78

Terphenyl-d14

Concen: 62.98 ng

RT: 12.59 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF097040.D

Acq: 25 Jul 2017 20:25

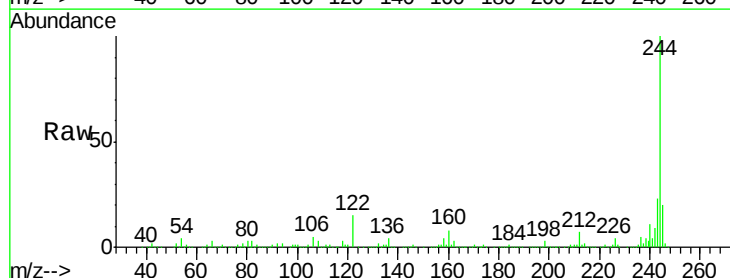
Tgt Ion:244 Resp: 902393

Ion Ratio Lower Upper

244 100

212 6.9 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

12.59

1000000

800000

600000

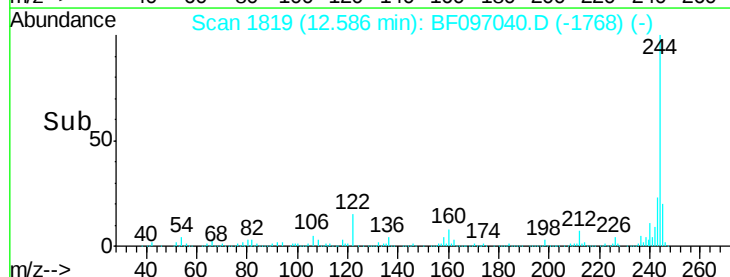
400000

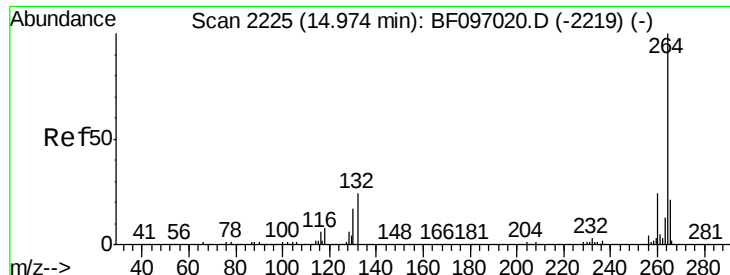
200000

0

12.50 12.60 12.70

Time-->

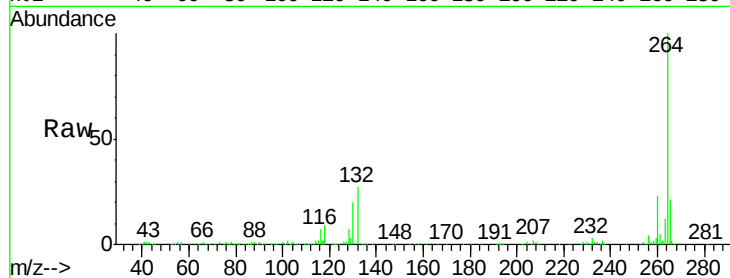




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.97 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF097040.D
Acq: 25 Jul 2017 20:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.1	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

