

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097497.D
 Acq On : 9 Aug 2017 4:38
 Operator : SJ/JU
 Sample : I4604-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 09 05:11:17 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

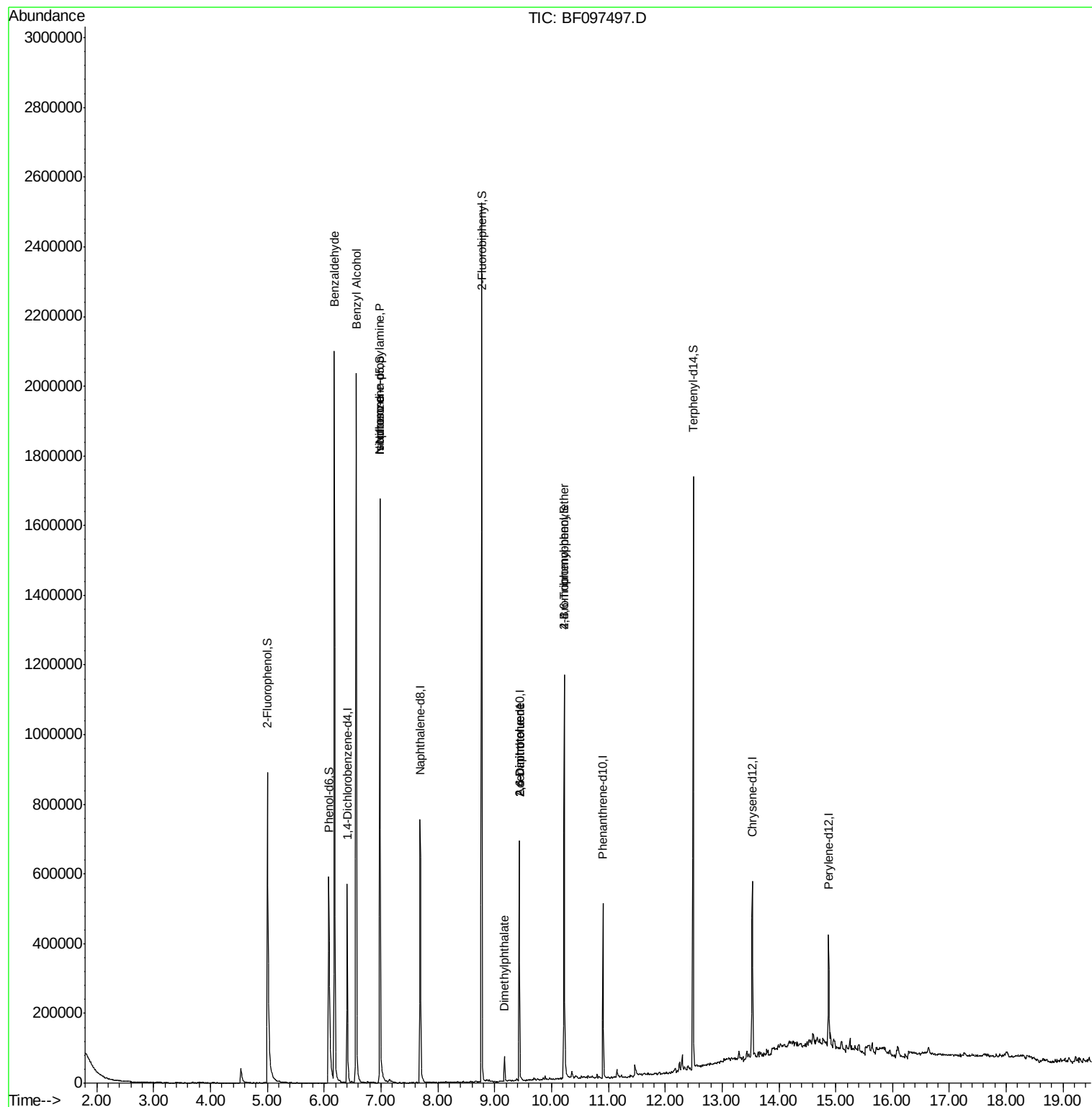
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	88196	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	366029	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	129474	20.00	ng	0.00
63) Phenanthrene-d10	10.90	188	179322	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	165303	20.00	ng	0.00
86) Perylene-d12	14.87	264	114237	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	374259	63.97	ng	0.00
7) Phenol-d6	6.08	99	286584	42.91	ng	0.00
23) Nitrobenzene-d5	6.98	82	532448	85.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.22	330	126249	123.41	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	768550	100.74	ng	0.00
78) Terphenyl-d14	12.49	244	518808	63.99	ng	0.00
Target Compounds						
9) Benzaldehyde	6.18	77	12659	3.20	ng	# 75
15) Benzyl Alcohol	6.56	79	9743	2.30	ng	# 43
19) n-Nitroso-di-n-propylamine	6.98	70	70601	16.06	ng	# 85
25) Isophorone	6.98	82	532445	43.57	ng	# 67
49) Dimethylphthalate	9.17	163	30750	3.13	ng	97
50) 2,6-Dinitrotoluene	9.43	165	16413	7.87	ng	# 34
56) 2,4-Dinitrotoluene	9.43	165	16413	6.85	ng	# 34
66) 4-Bromophenyl-phenylether	10.22	248	7701	4.30	ng	# 1

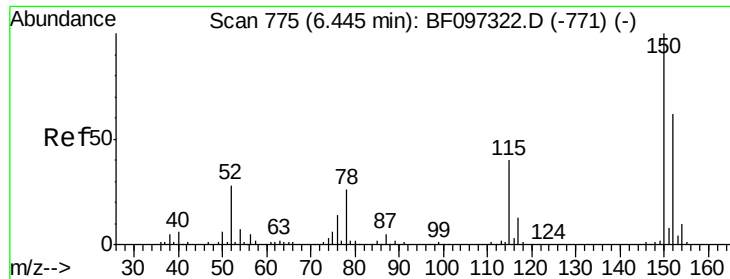
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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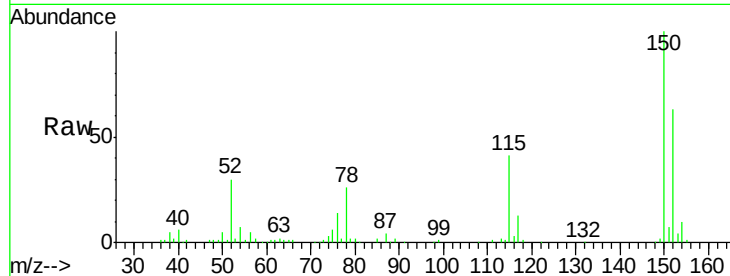


#1

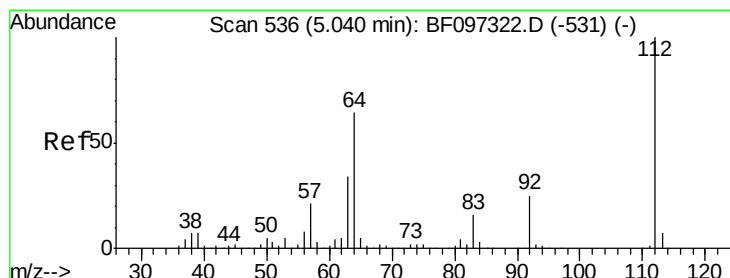
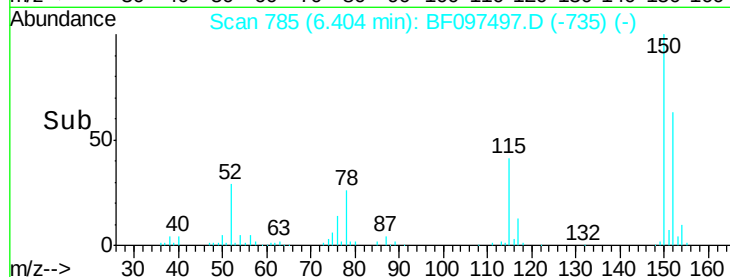
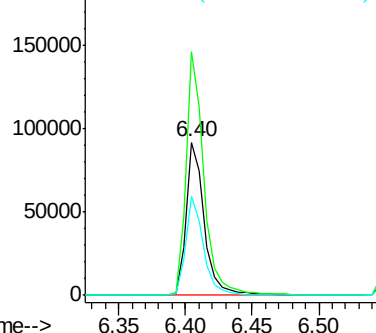
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.40 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF097497.D
 Acq: 9 Aug 2017 4:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 88196
 Ion Ratio Lower Upper
 152 100
 150 158.9 126.2 189.2
 115 64.4 52.2 78.2



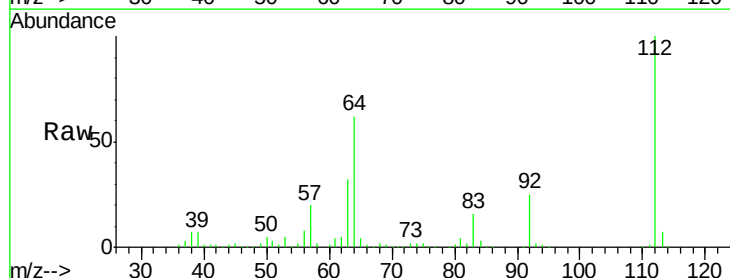
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



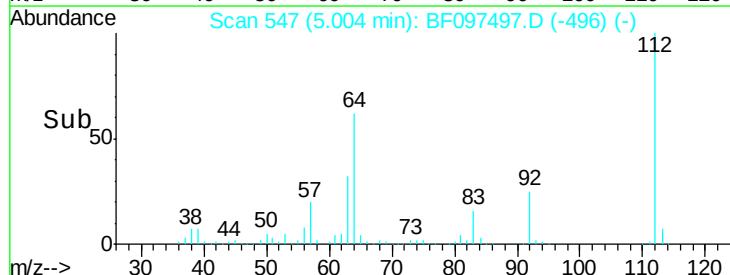
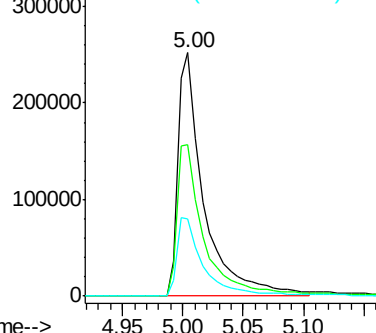
#5

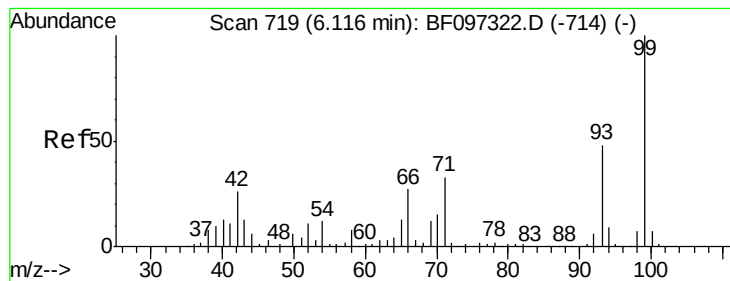
2-Fluorophenol
 Concen: 63.97 ng
 RT: 5.00 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF097497.D
 Acq: 9 Aug 2017 4:38

Tgt Ion:112 Resp: 374259
 Ion Ratio Lower Upper
 112 100
 64 62.1 46.0 69.0
 63 31.8 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: 42.91 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097497.D

Acq: 9 Aug 2017 4:38

Instrument :

BNA_F

ClientSampled :

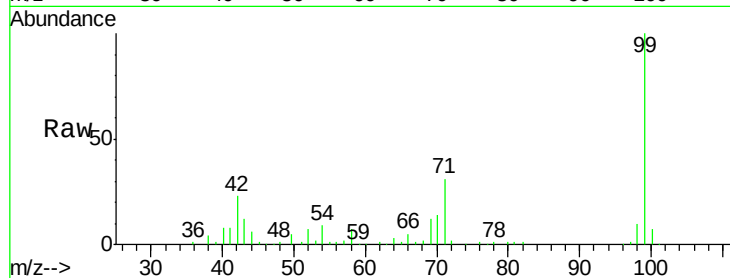
Tot Ion: 99 Resp: 286584

Ion Ratio Lower Upper

99 100

42 22.9 13.5 20.3#

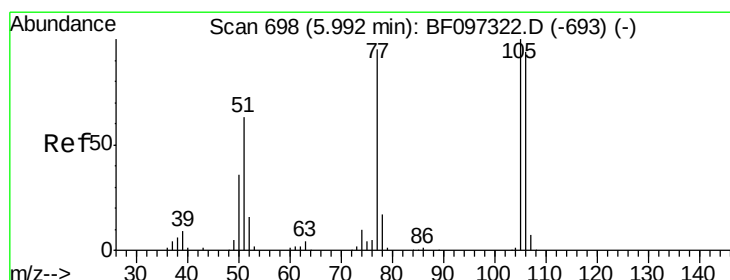
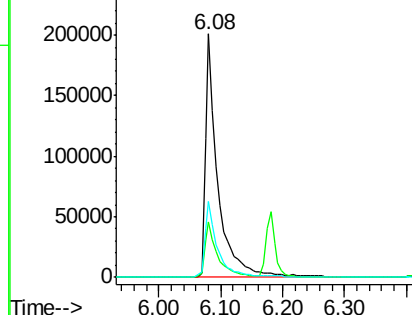
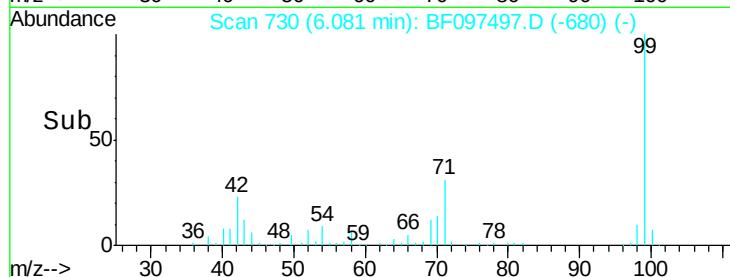
71 31.4 24.5 36.7



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: 3.20 ng

RT: 6.18 min Scan# 747

Delta R.T. 0.22 min

Lab File: BF097497.D

Acq: 9 Aug 2017 4:38

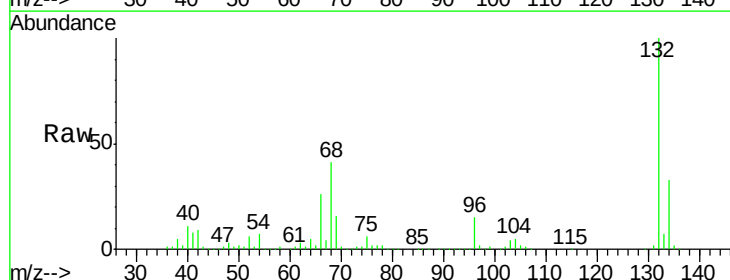
Tgt Ion: 77 Resp: 12659

Ion Ratio Lower Upper

77 100

105 80.0 83.8 123.8#

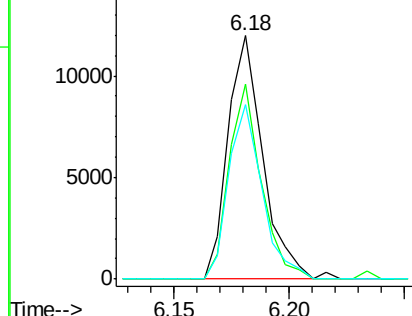
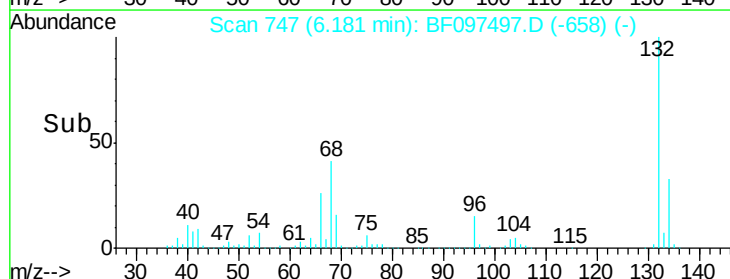
106 71.5 79.1 119.1#

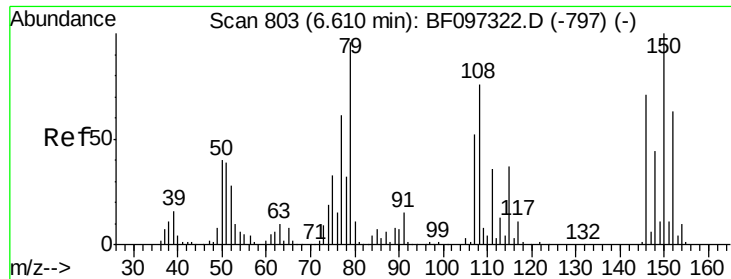


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

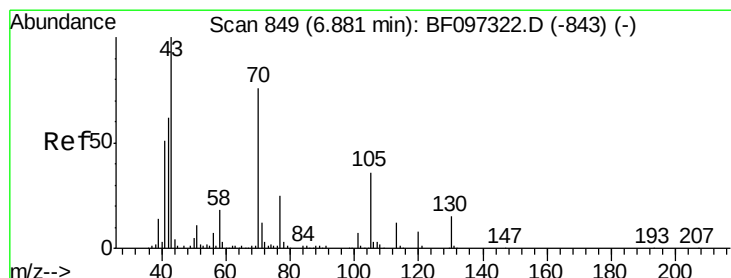
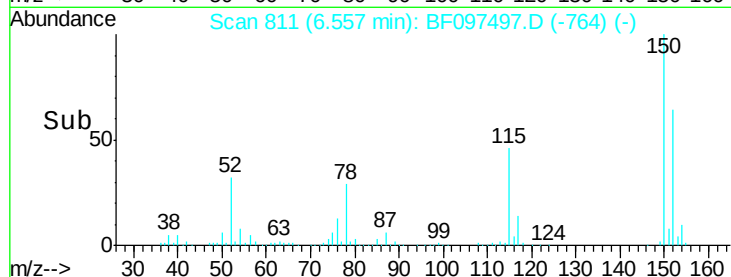
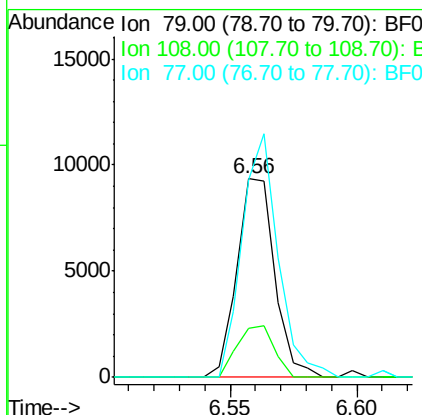
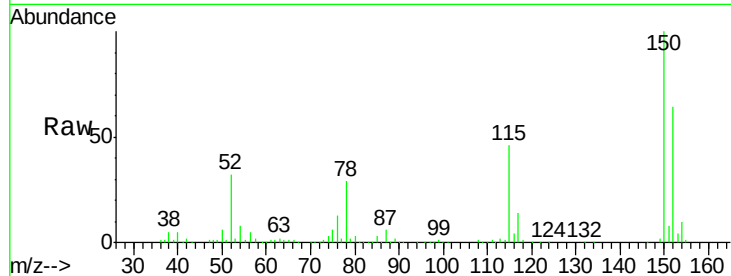




#15
Benzyl Alcohol
Concen: 2.30 ng
RT: 6.56 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF097497.D
Acq: 9 Aug 2017 4:38

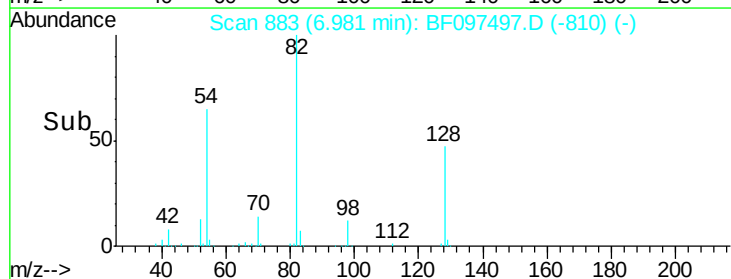
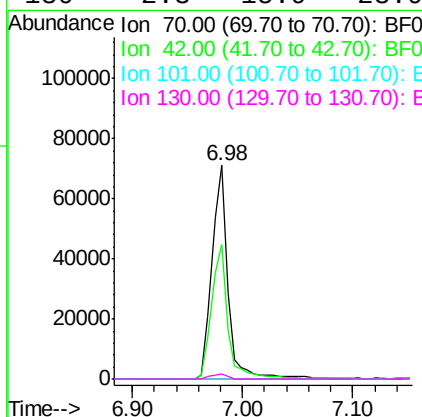
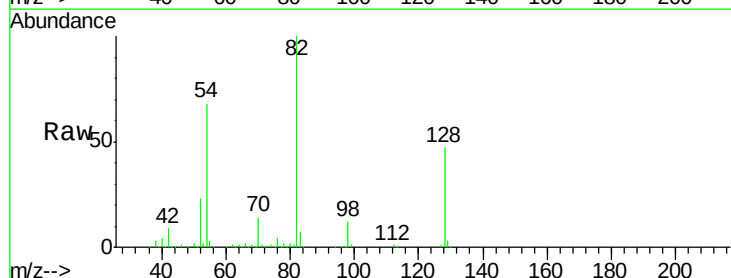
Instrument :
BNA_F
ClientSampleId :

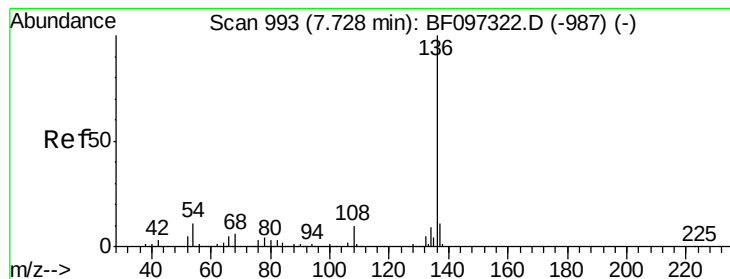
Tot Ion: 79 Resp: 9743
Ion Ratio Lower Upper
79 100
108 24.4 63.4 95.0#
77 99.2 49.2 73.8#



#19
n-Nitroso-di-n-propylamine
Concen: 16.06 ng
RT: 6.98 min Scan# 883
Delta R.T. 0.13 min
Lab File: BF097497.D
Acq: 9 Aug 2017 4:38

Tgt Ion: 70 Resp: 70601
Ion Ratio Lower Upper
70 100
42 62.9 47.2 70.8
101 0.0 7.2 10.8#
130 2.3 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: BF097497.D

Acq: 9 Aug 2017 4:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 366029

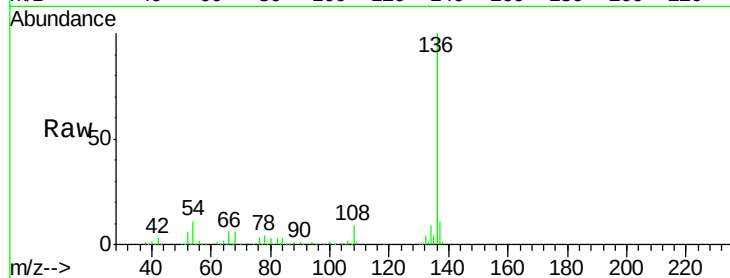
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 11.5 4.9 7.3#

68 6.1 4.1 6.1

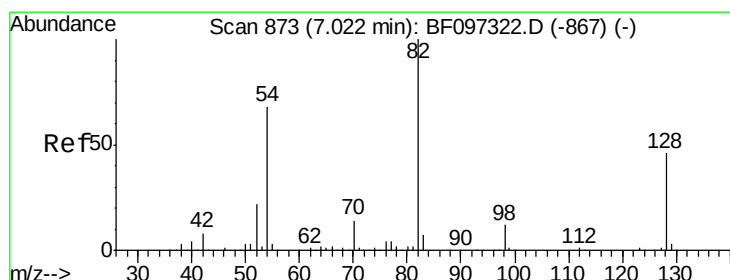
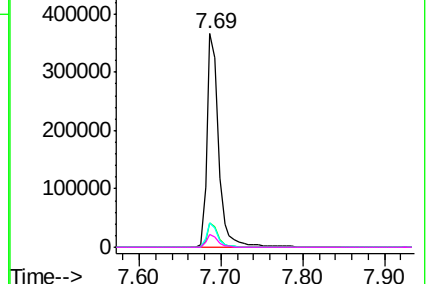
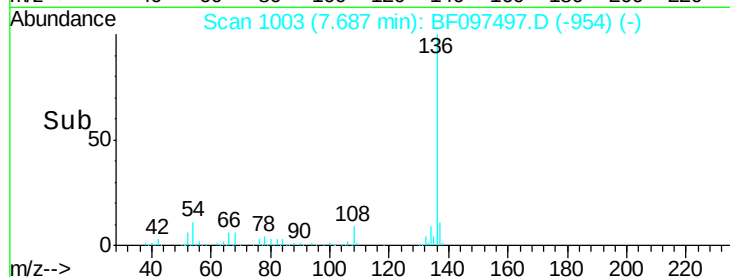


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 85.34 ng

RT: 6.98 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF097497.D

Acq: 9 Aug 2017 4:38

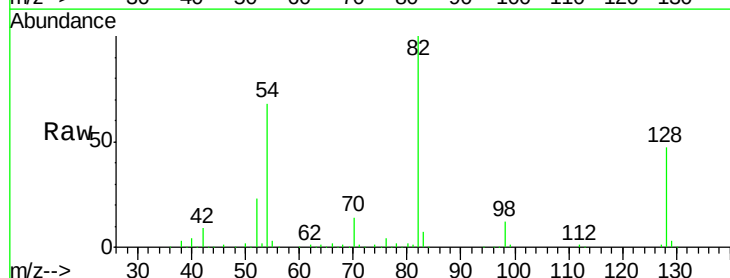
Tgt Ion: 82 Resp: 532448

Ion Ratio Lower Upper

82 100

128 46.6 34.0 51.0

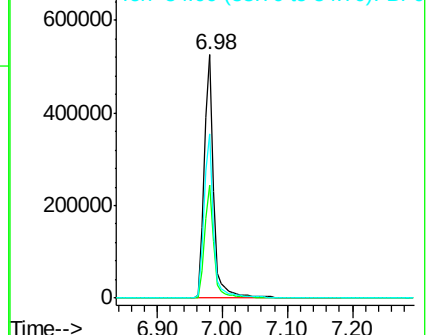
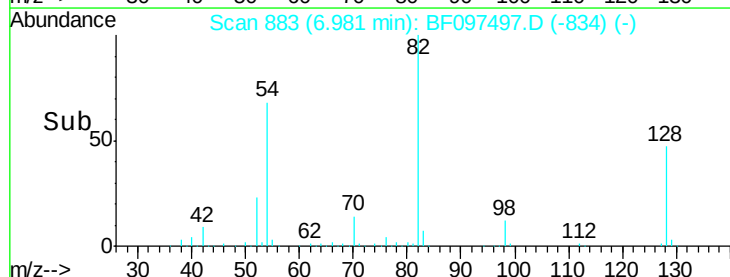
54 67.6 42.2 63.2#

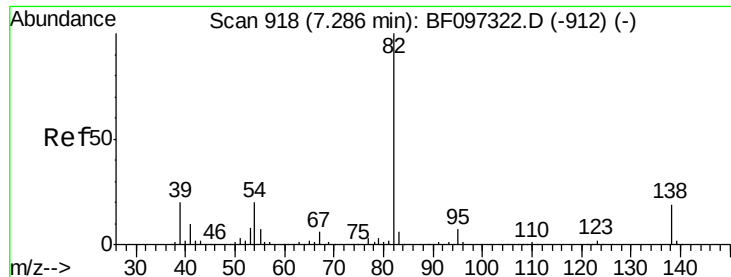


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 43.57 ng

RT: 6.98 min Scan# 883

Delta R.T. -0.27 min

Lab File: BF097497.D

Acq: 9 Aug 2017 4:38

Instrument :

BNA_F

ClientSampleId :

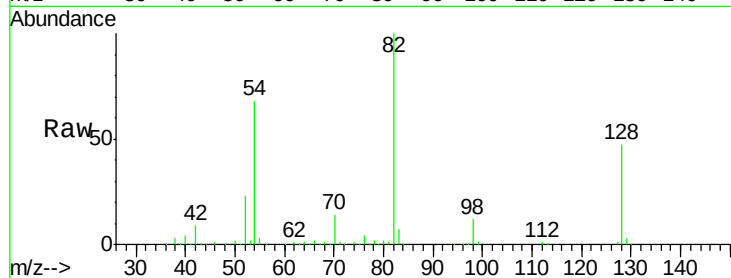
Tot Ion: 82 Resp: 532445

Ion Ratio Lower Upper

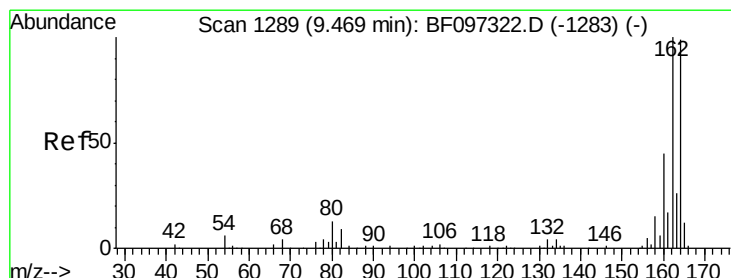
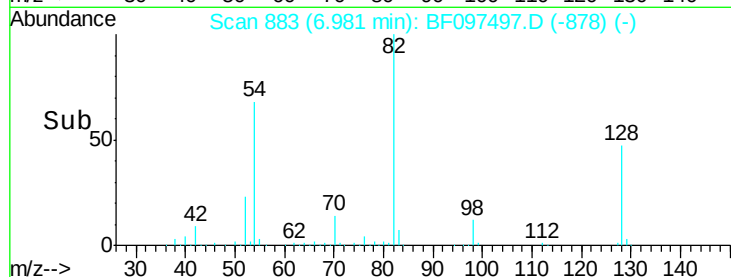
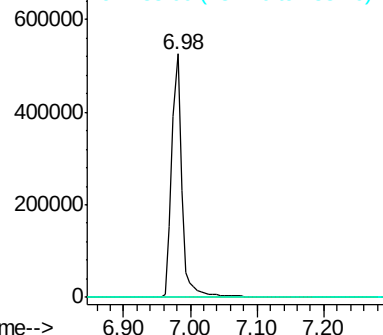
82 100

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: BF097497.D

Acq: 9 Aug 2017 4:38

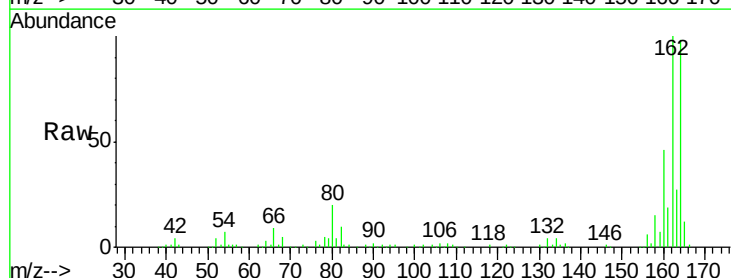
Tgt Ion: 164 Resp: 129474

Ion Ratio Lower Upper

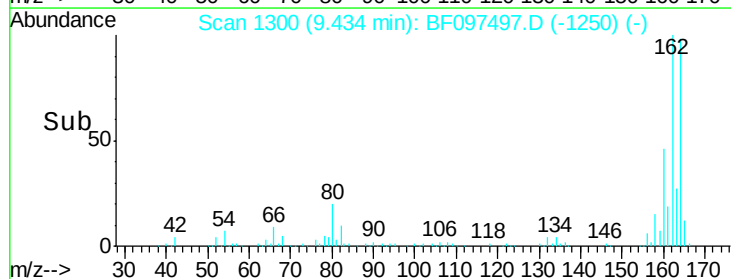
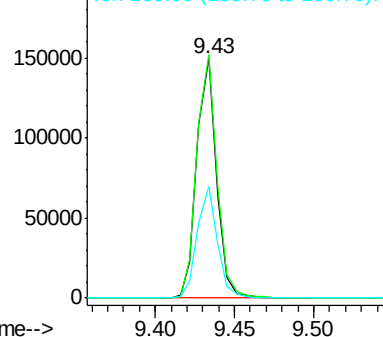
164 100

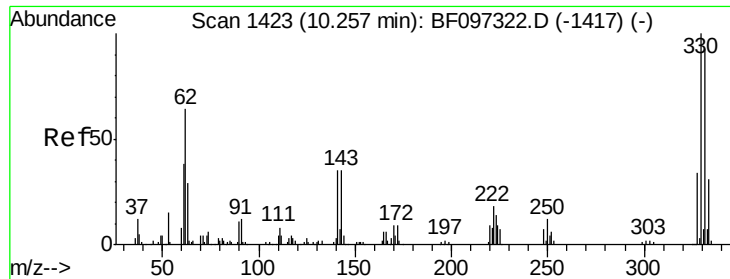
162 101.8 82.6 123.8

160 46.6 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

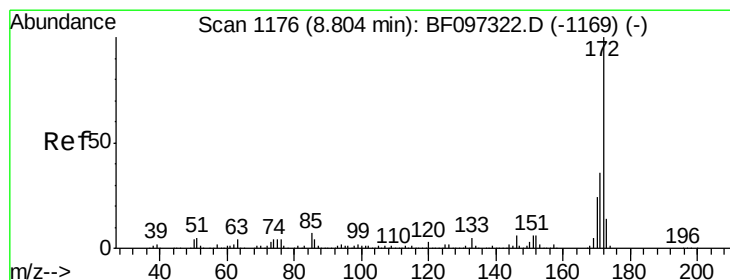
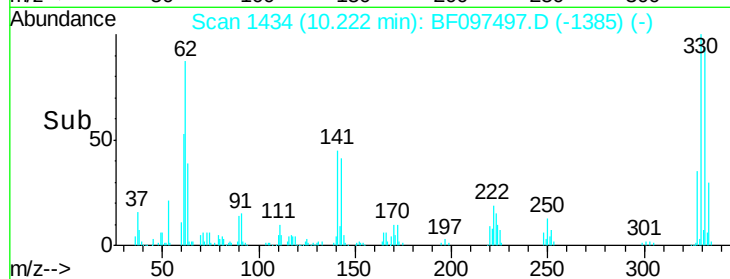
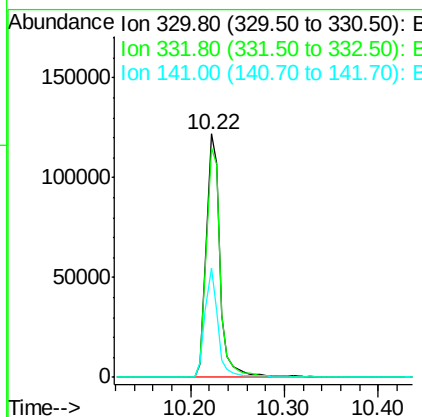
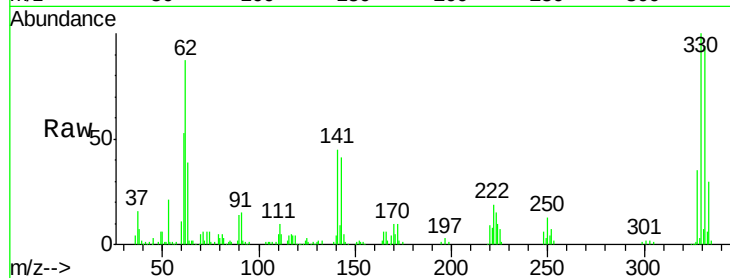




#41
 2,4,6-Tribromophenol
 Concen: 123.41 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097497.D
 Acq: 9 Aug 2017 4:38

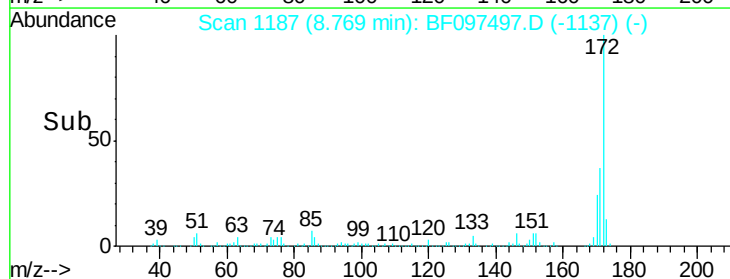
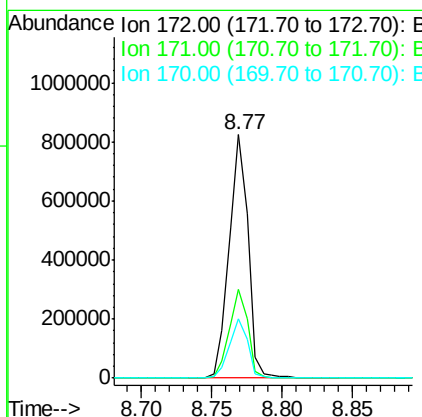
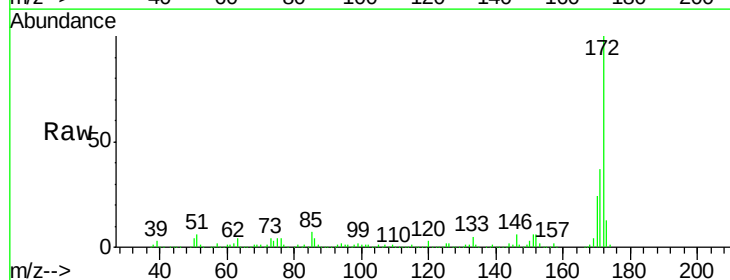
Instrument :
 BNA_F
 ClientSampleId :

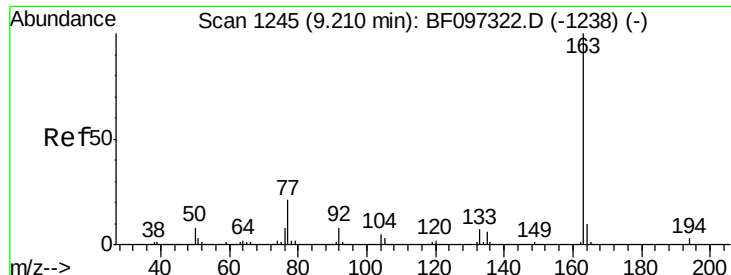
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	41.9	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 100.74 ng
 RT: 8.77 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF097497.D
 Acq: 9 Aug 2017 4:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.1	19.8	29.8

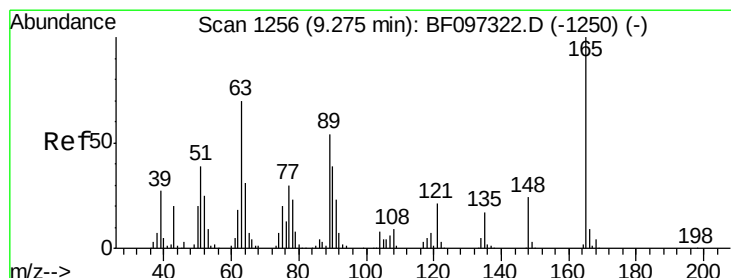
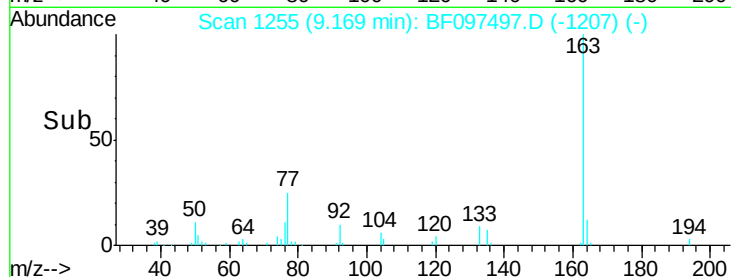
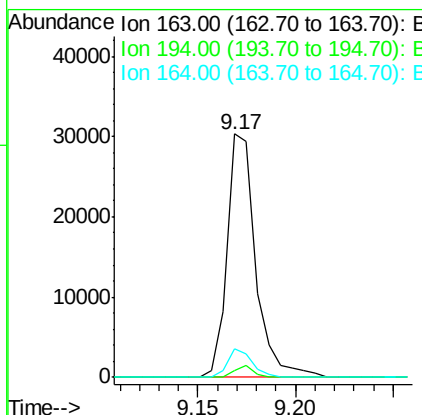
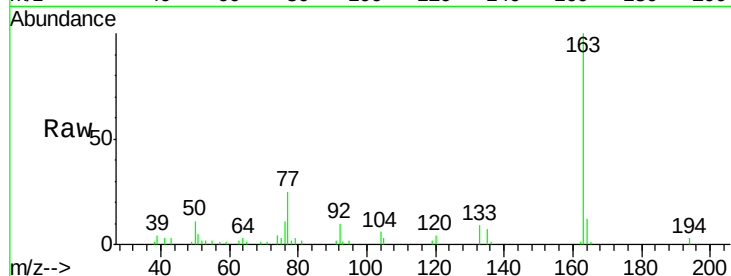




#49
Dimethylphthalate
Concen: 3.13 ng
RT: 9.17 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF097497.D
Acq: 9 Aug 2017 4:38

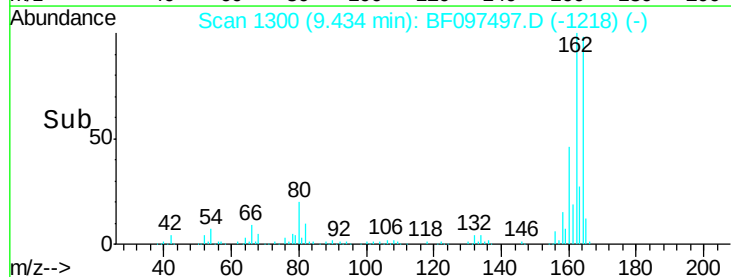
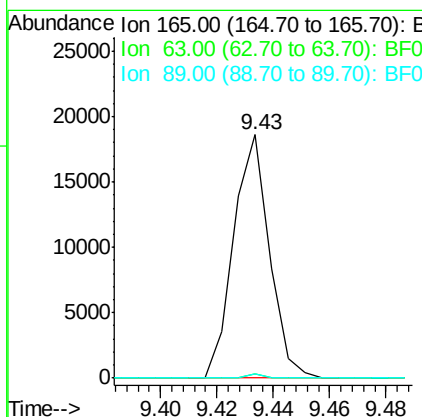
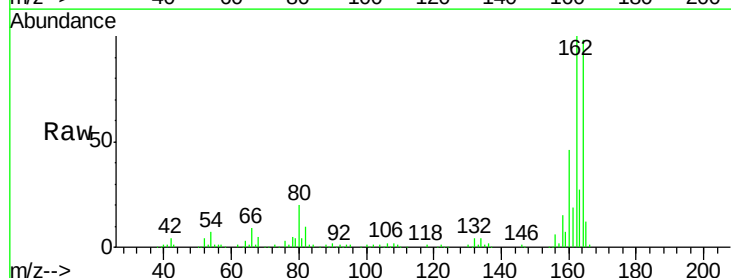
Instrument :
BNA_F
ClientSampleId :

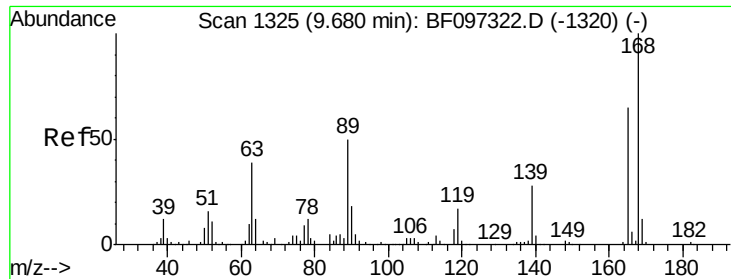
Tot Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	12.0	8.4	12.6



#50
2,6-Dinitrotoluene
Concen: 7.87 ng
RT: 9.43 min Scan# 1300
Delta R.T. 0.18 min
Lab File: BF097497.D
Acq: 9 Aug 2017 4:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.3	51.5#
89	1.8	37.1	55.7#

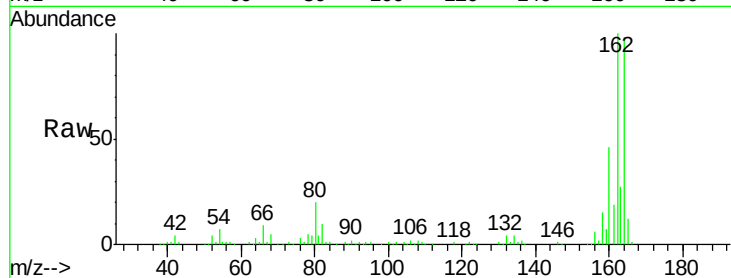




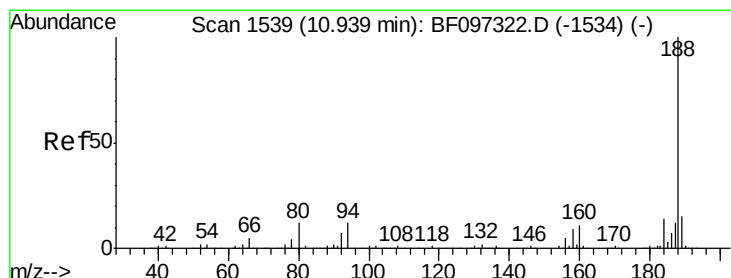
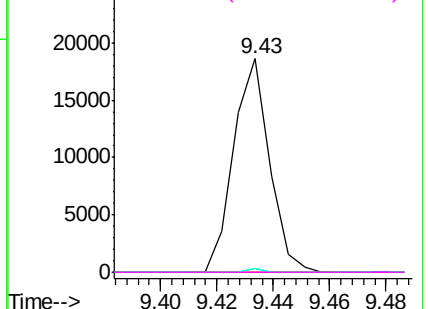
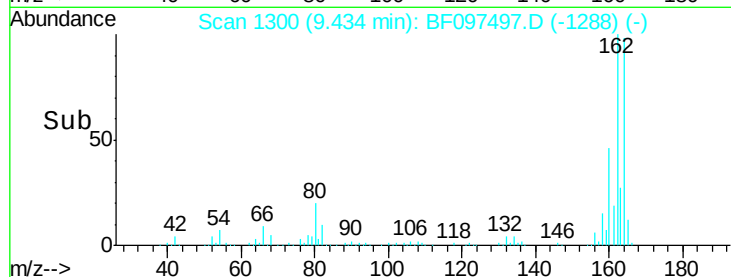
#56
 2,4-Dinitrotoluene
 Concen: 6.85 ng
 RT: 9.43 min Scan# 1300
 Delta R.T. -0.23 min
 Lab File: BF097497.D
 Acq: 9 Aug 2017 4:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 16413
 Ion Ratio Lower Upper
 165 100
 63 1.7 25.4 38.0#
 89 1.8 46.4 69.6#
 182 0.0 1.8 2.6#

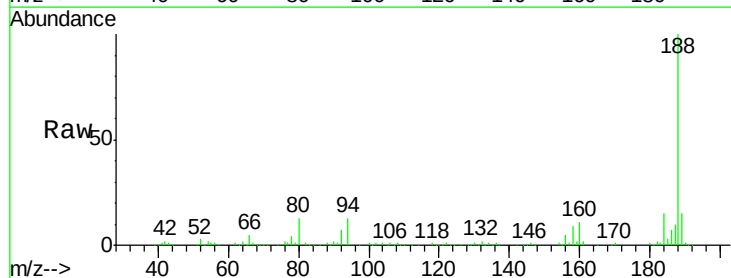


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

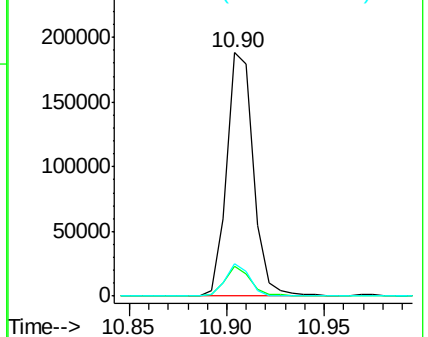
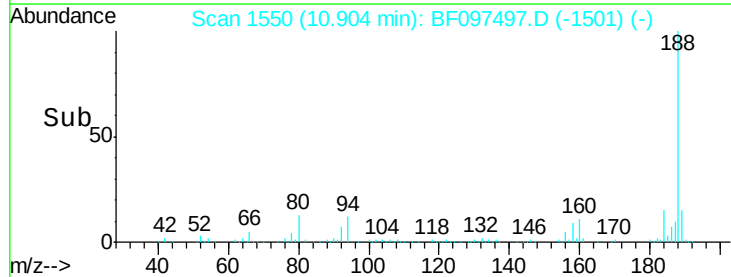


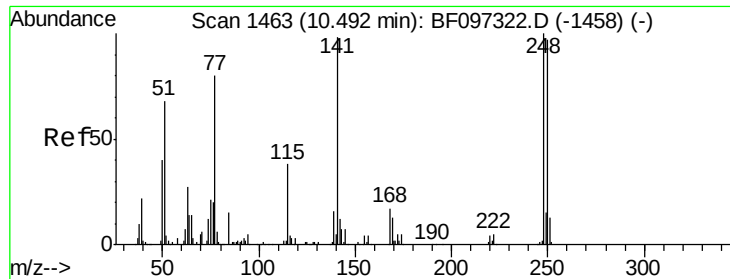
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.90 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF097497.D
 Acq: 9 Aug 2017 4:38

Tgt Ion:188 Resp: 179322
 Ion Ratio Lower Upper
 188 100
 94 12.5 9.4 14.2
 80 13.1 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

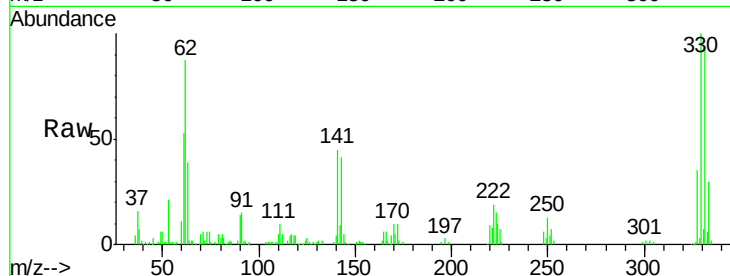




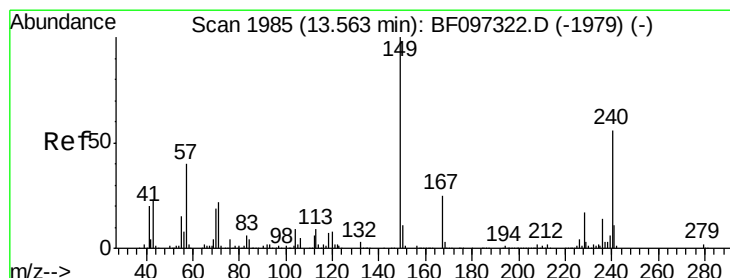
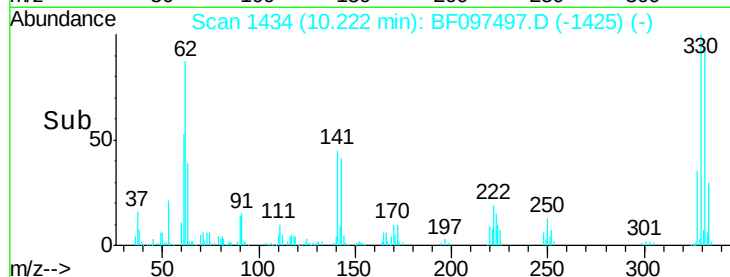
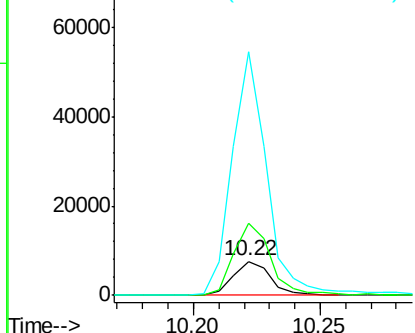
#66
4-Bromophenyl-phenylether
Concen: 4.30 ng
RT: 10.22 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF097497.D
Acq: 9 Aug 2017 4:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7701
Ion Ratio Lower Upper
248 100
250 215.7 76.8 115.2#
141 722.7 68.6 103.0#

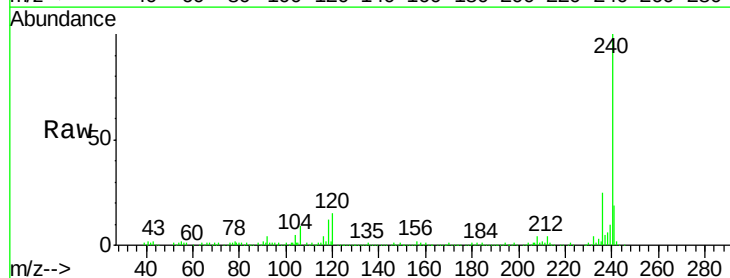


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

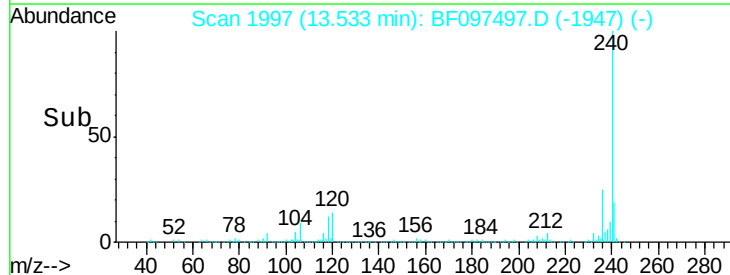
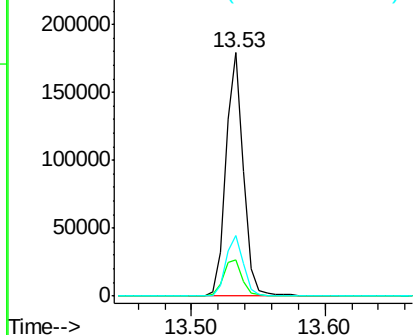


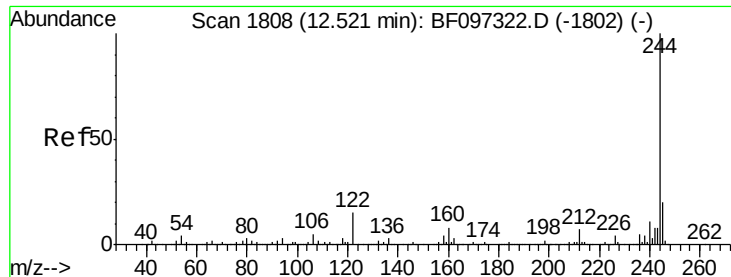
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.53 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF097497.D
Acq: 9 Aug 2017 4:38

Tgt Ion:240 Resp: 165303
Ion Ratio Lower Upper
240 100
120 14.7 5.8 8.8#
236 25.1 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

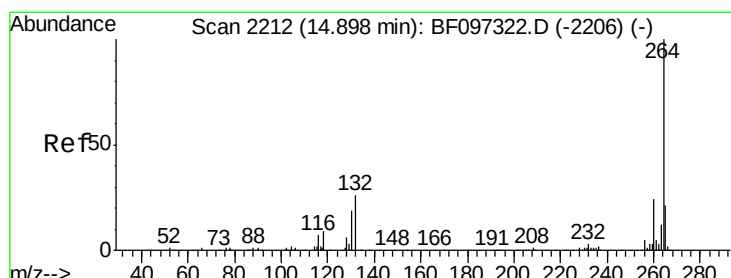
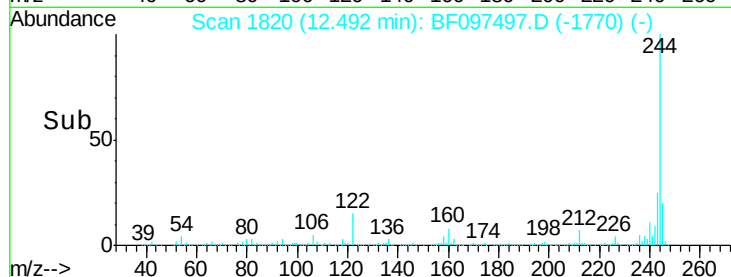
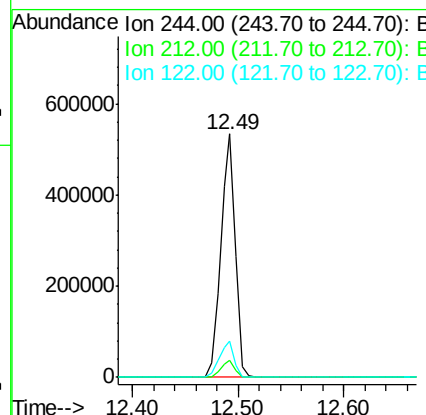
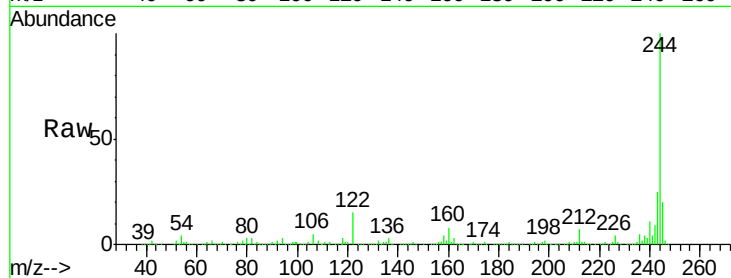




#78
 Terphenyl-d14
 Concen: 63.99 ng
 RT: 12.49 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF097497.D
 Acq: 9 Aug 2017 4:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 518808
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.87 min Scan# 2225
 Delta R.T. 0.01 min
 Lab File: BF097497.D
 Acq: 9 Aug 2017 4:38

Tgt Ion:264 Resp: 114237
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.4 17.2 25.8

