

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090717\
 Data File : BF098340.D
 Acq On : 8 Sep 2017 4:10
 Operator : SJ/JU
 Sample : I5131-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 090517-TIDO-F-U-B

Quant Time: Sep 08 04:45:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

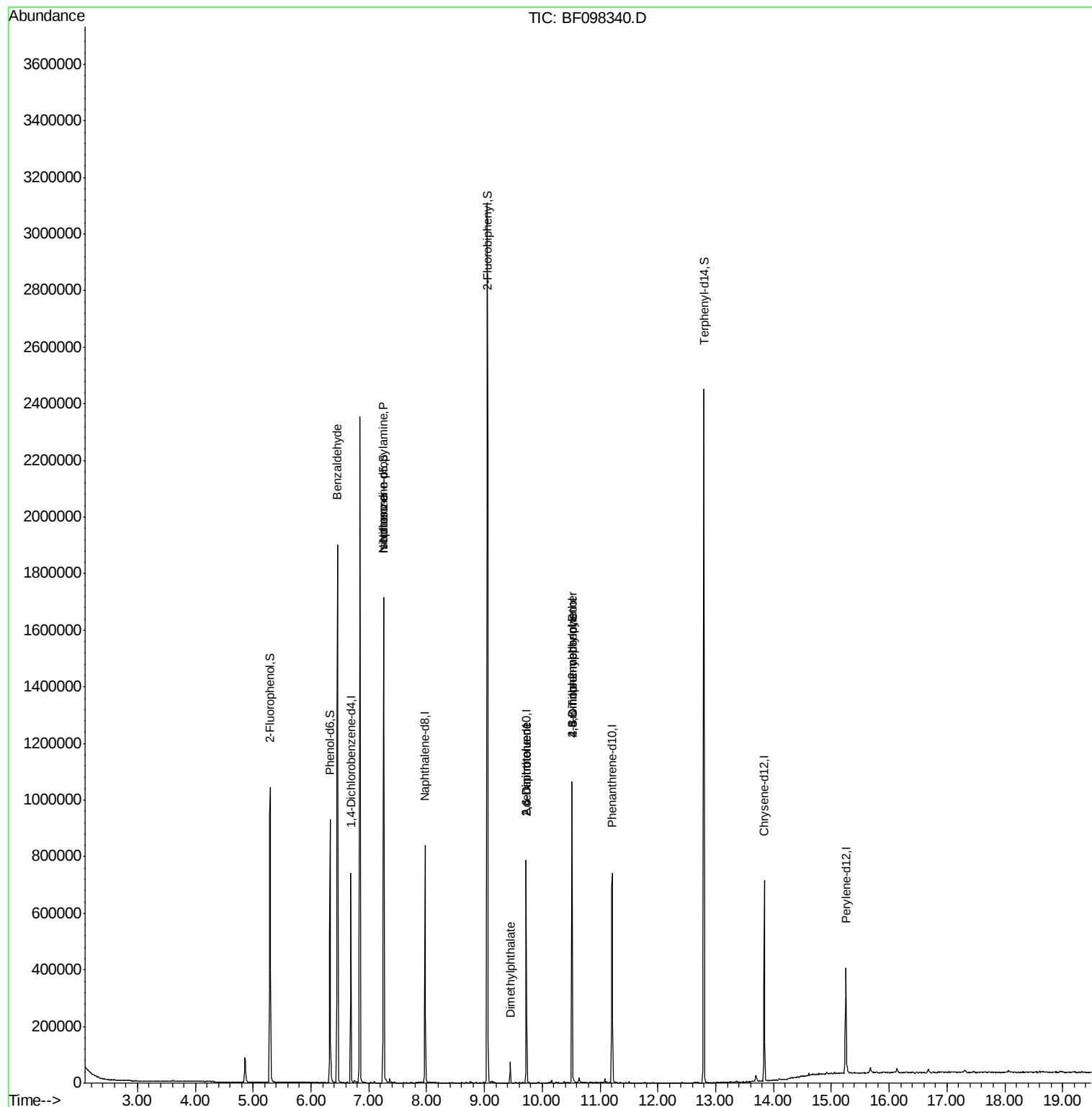
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	99042	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	375666	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	151456	20.00	ng	-0.02
63) Phenanthrene-d10	11.21	188	267375	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	233985	20.00	ng	-0.02
86) Perylene-d12	15.25	264	154870	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	308011	47.30	ng	-0.01
7) Phenol-d6	6.33	99	292684	33.08	ng	-0.02
23) Nitrobenzene-d5	7.26	82	692486	100.14	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	121360	92.35	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	1021854	99.13	ng	-0.02
78) Terphenyl-d14	12.80	244	808666	72.07	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.46	77	11908	2.125	ng	# 72
19) n-Nitroso-di-n-propylamine	7.26	70	89608	14.796	ng	# 70
25) Isophorone	7.26	82	691011	48.056	ng	# 67
49) Dimethylphthalate	9.45	163	24872	2.247	ng	# 98
50) 2,6-Dinitrotoluene	9.72	165	18996	8.596	ng	# 33
56) 2,4-Dinitrotoluene	9.72	165	18996	6.850	ng	# 32
64) 4,6-Dinitro-2-methylphenol	10.52	198	106	8.390	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	7617	2.743	ng	# 1

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

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098340.D
Acq On : 8 Sep 2017 4:10
Operator : SJ/JU
Sample : I5131-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
090517-TIDO-F-U-B

Quant Time: Sep 08 04:45:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration



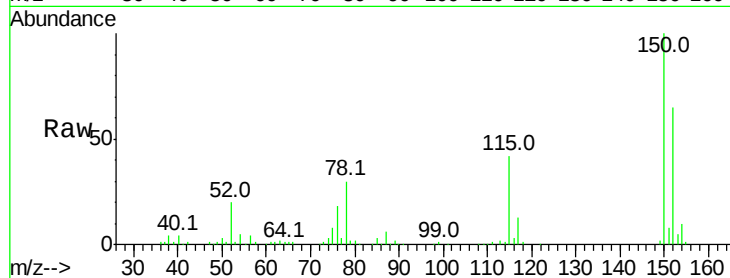


#1

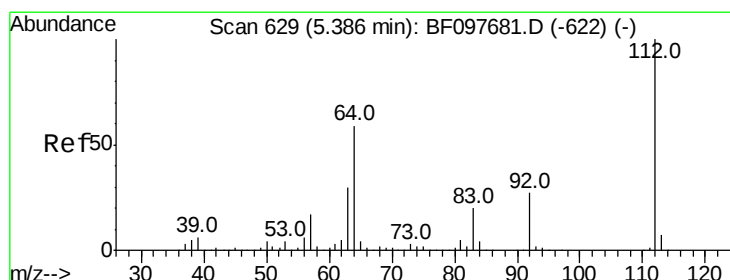
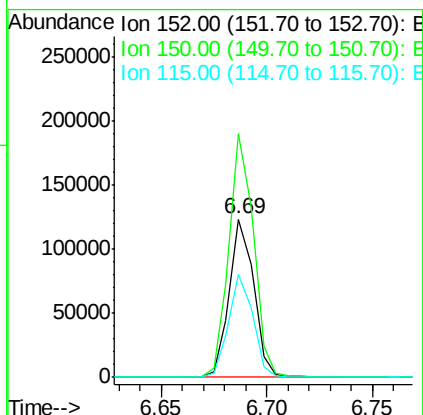
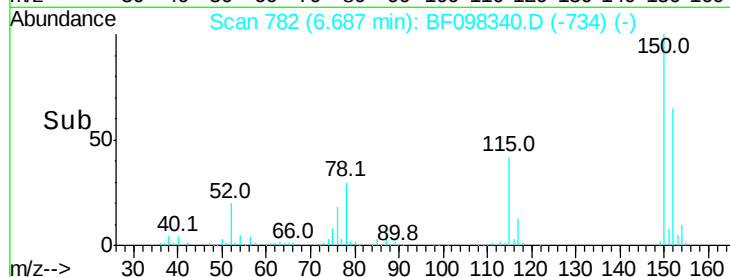
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BF098340.D
 Acq: 8 Sep 2017 4:10

Instrument :
 BNA_F
 ClientSampleId :
 090517-TIDO-F-U-B

Tot Ion:152 Resp: 99042
 Ion Ratio Lower Upper
 152 100
 150 153.7 126.2 189.2
 115 65.1 52.2 78.2



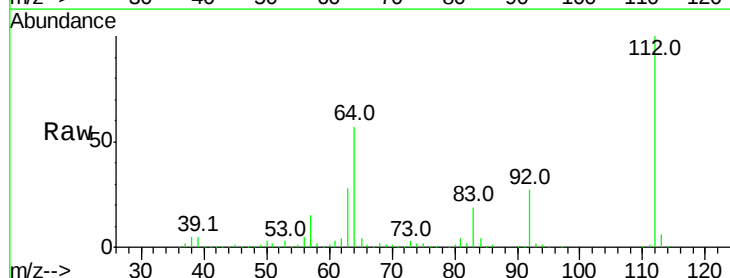
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



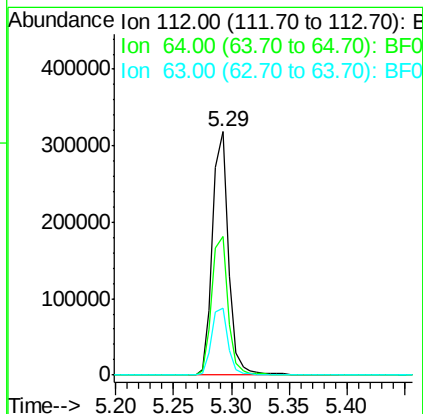
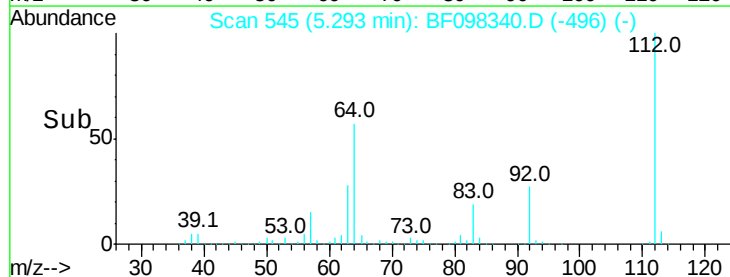
#5

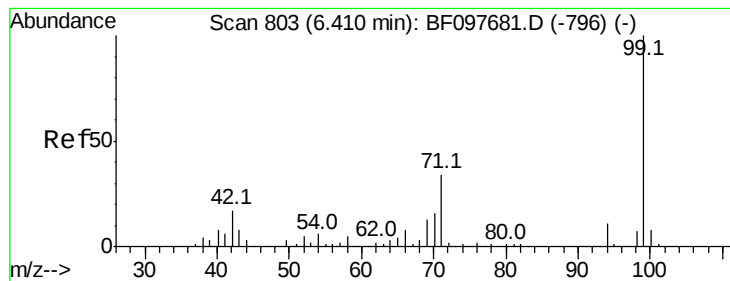
2-Fluorophenol
 Concen: 47.304 ng
 RT: 5.29 min Scan# 545
 Delta R.T. -0.01 min
 Lab File: BF098340.D
 Acq: 8 Sep 2017 4:10

Tgt Ion:112 Resp: 308011
 Ion Ratio Lower Upper
 112 100
 64 56.7 46.0 69.0
 63 27.6 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: 33.083 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF098340.D

Acq: 8 Sep 2017 4:10

Instrument :

BNA_F

ClientSampleId :

090517-TIDO-F-U-B

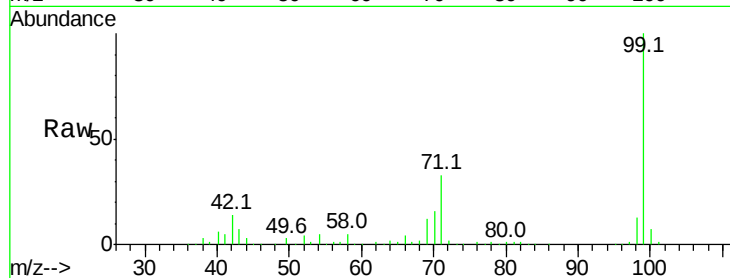
Tot Ion: 99 Resp: 292684

Ion Ratio Lower Upper

99 100

42 14.5 13.5 20.3

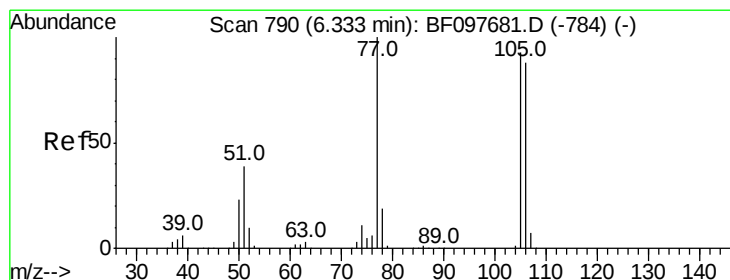
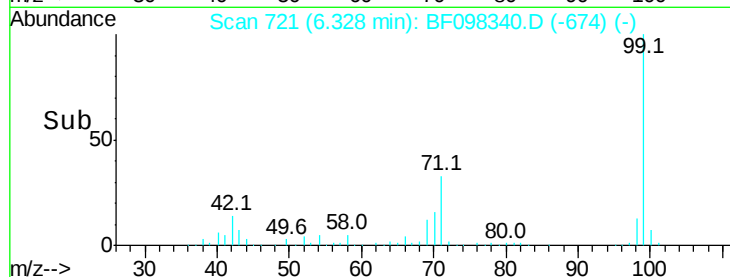
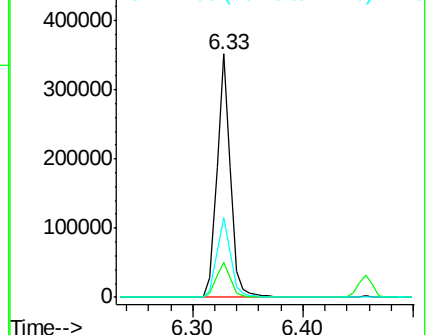
71 32.7 24.5 36.7



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: 2.125 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.21 min

Lab File: BF098340.D

Acq: 8 Sep 2017 4:10

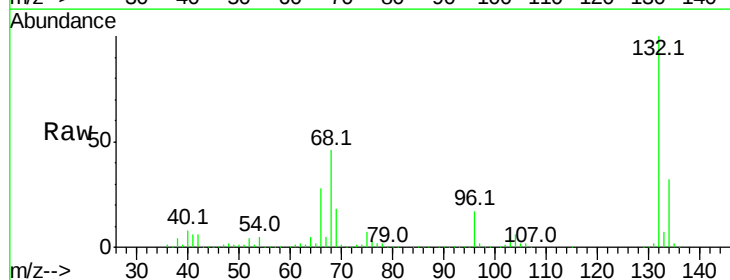
Tgt Ion: 77 Resp: 11908

Ion Ratio Lower Upper

77 100

105 75.6 83.8 123.8#

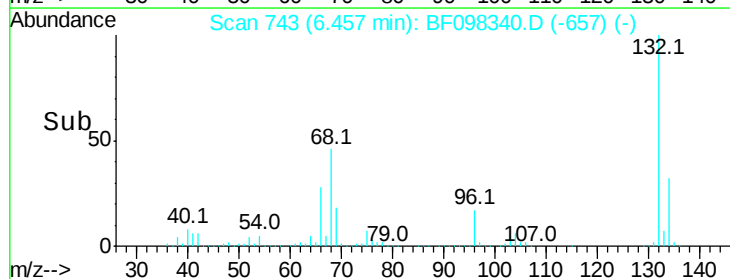
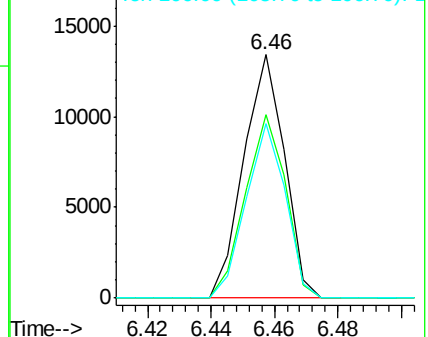
106 71.5 79.1 119.1#

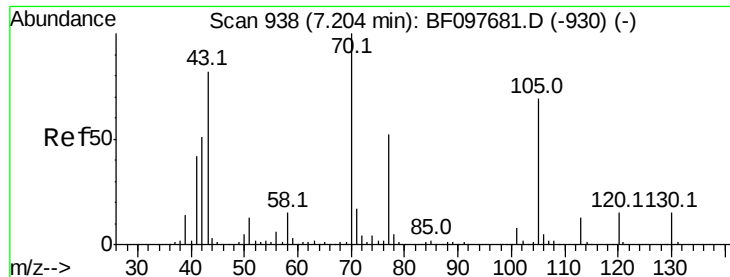


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

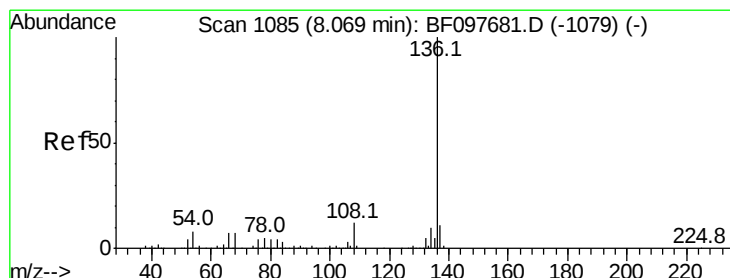
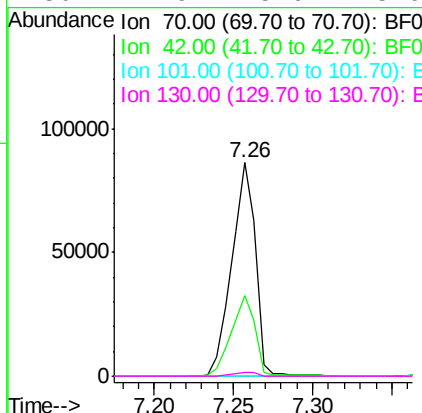
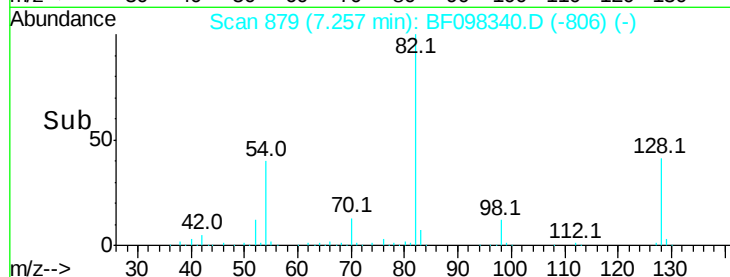
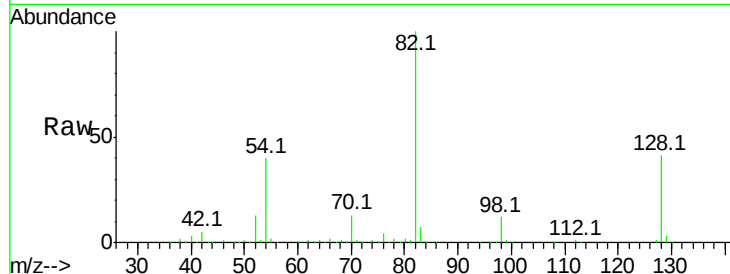




#19
n-Nitroso-di-n-propylamine
Concen: 14.796 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.13 min
Lab File: BF098340.D
Acq: 8 Sep 2017 4:10

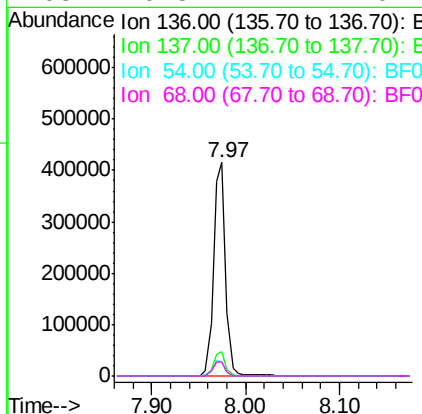
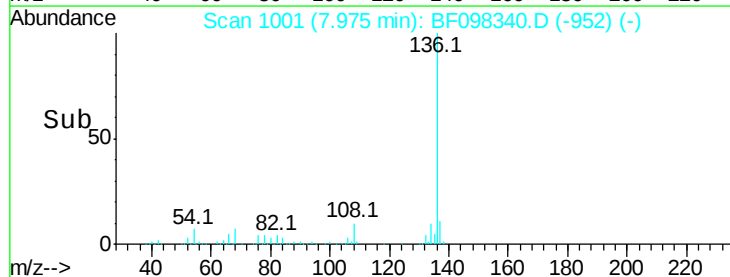
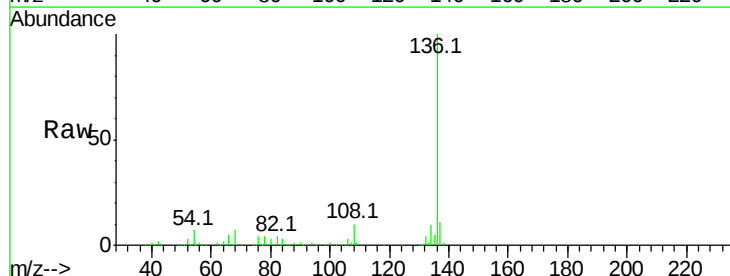
Instrument :
BNA_F
ClientSampleId :
090517-TIDO-F-U-B

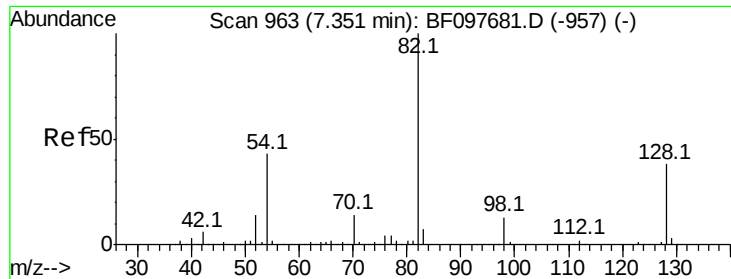
Tot Ion: 70 Resp: 89608
Ion Ratio Lower Upper
70 100
42 37.8 47.2 70.8#
101 0.0 7.2 10.8#
130 1.9 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF098340.D
Acq: 8 Sep 2017 4:10

Tgt Ion: 136 Resp: 375666
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 6.8 4.9 7.3
68 6.8 4.1 6.1#

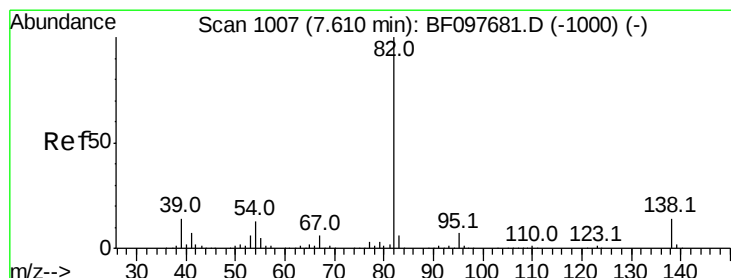
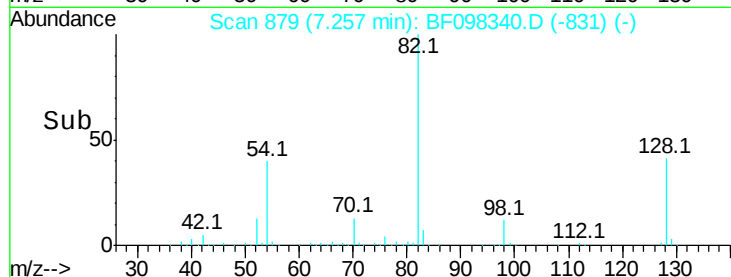
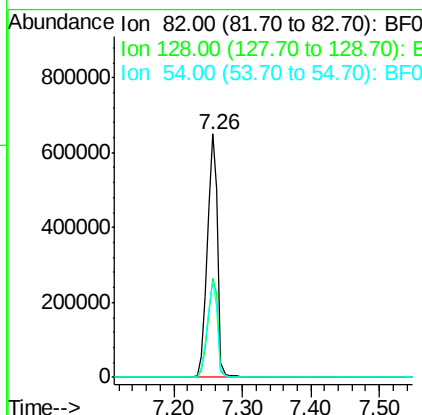
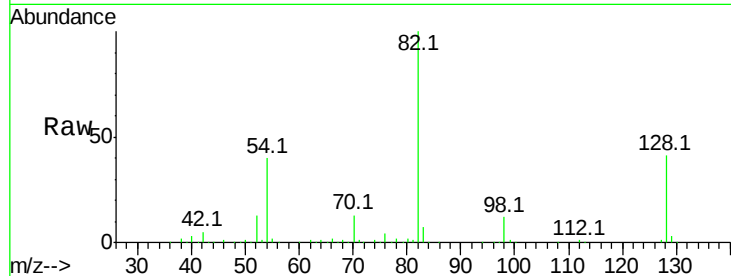




#23
 Nitrobenzene-d5
 Concen: 100.140 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BF098340.D
 Acq: 8 Sep 2017 4:10

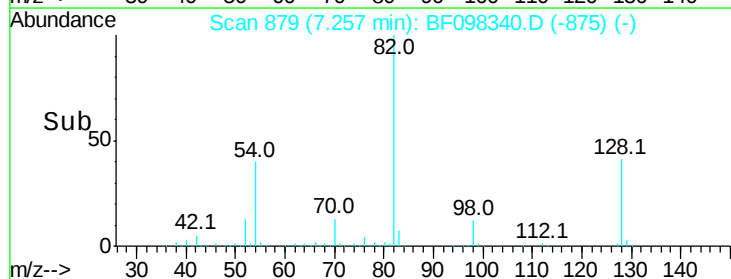
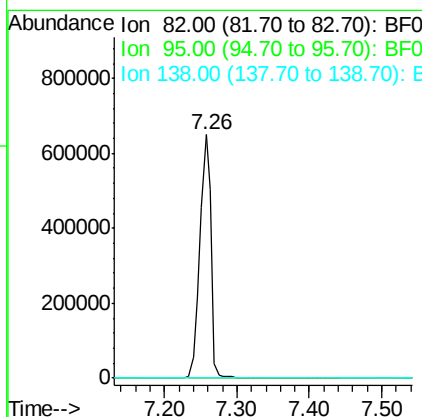
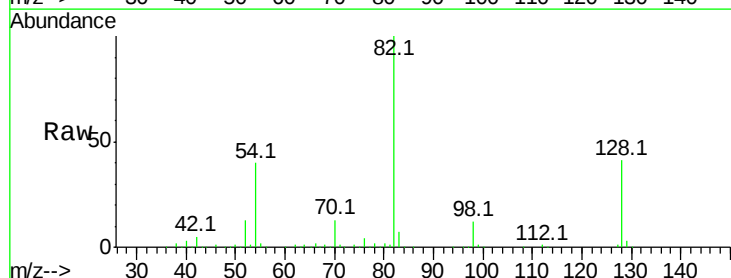
Instrument :
 BNA_F
 ClientSampleId :
 090517-TIDO-F-U-B

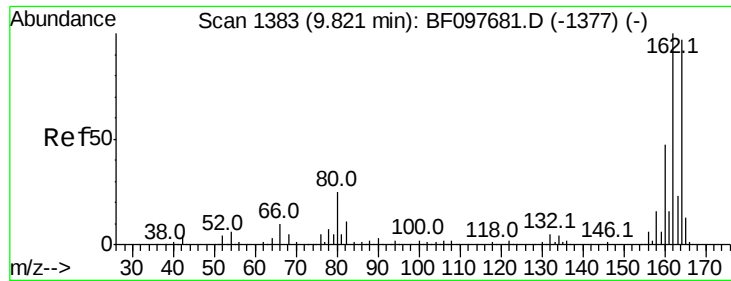
Tot Ion	82	Resp	692486
Ion Ratio	Lower	Upper	
82	100		
128	40.6	34.0	51.0
54	39.8	42.2	63.2#



#25
 Isophorone
 Concen: 48.056 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.28 min
 Lab File: BF098340.D
 Acq: 8 Sep 2017 4:10

Tgt Ion	82	Resp	691011
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF098340.D

Acq: 8 Sep 2017 4:10

Instrument :

BNA_F

ClientSampleId :

090517-TIDO-F-U-B

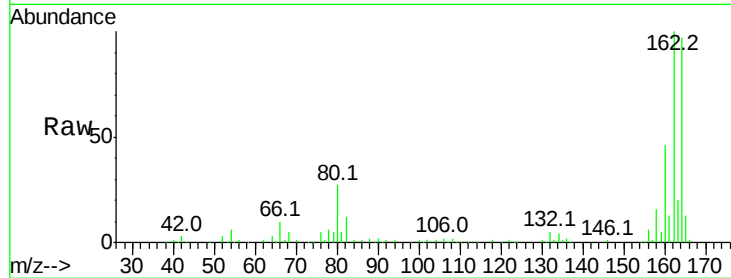
Tot Ion:164 Resp: 151456

Ion Ratio Lower Upper

164 100

162 102.6 82.6 123.8

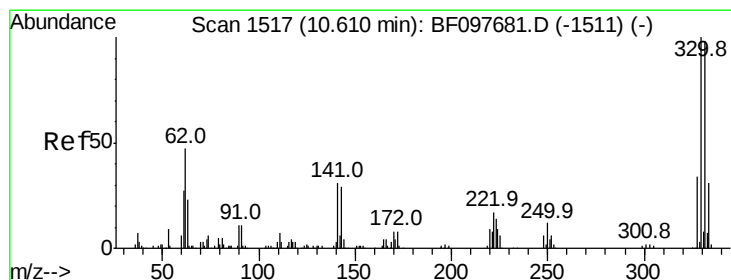
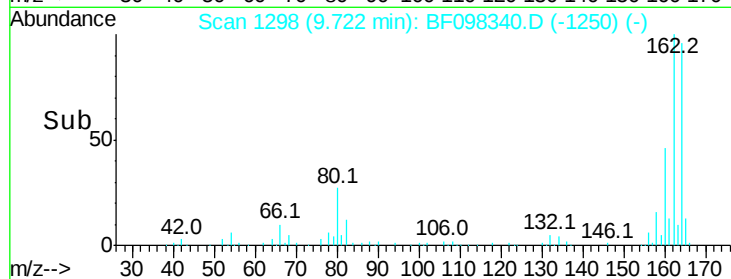
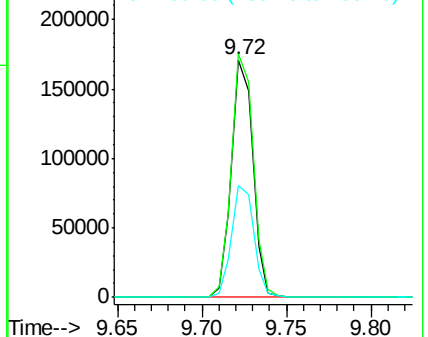
160 47.0 36.2 54.2



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: 92.350 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.02 min

Lab File: BF098340.D

Acq: 8 Sep 2017 4:10

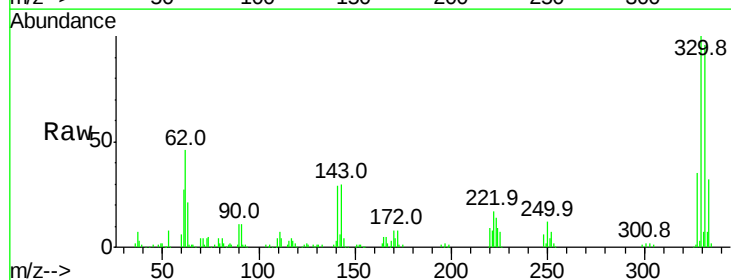
Tgt Ion:330 Resp: 121360

Ion Ratio Lower Upper

330 100

332 96.8 76.6 115.0

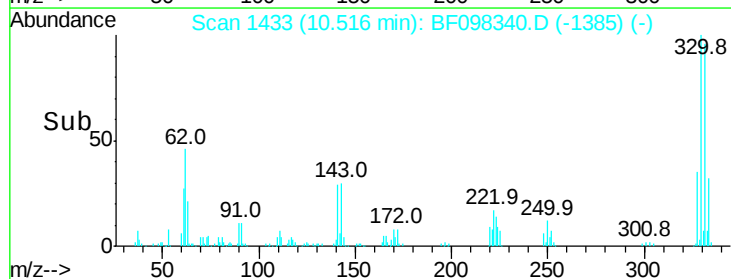
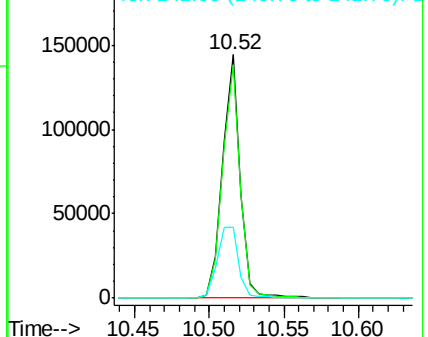
141 35.1 31.4 47.2

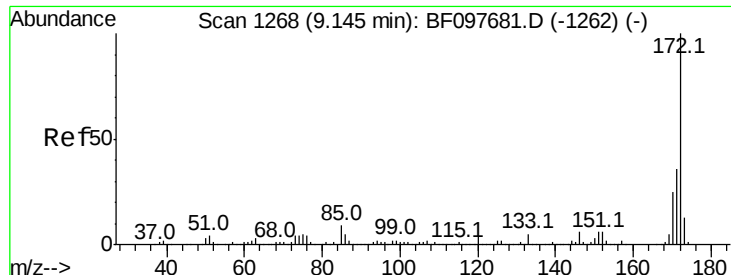


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

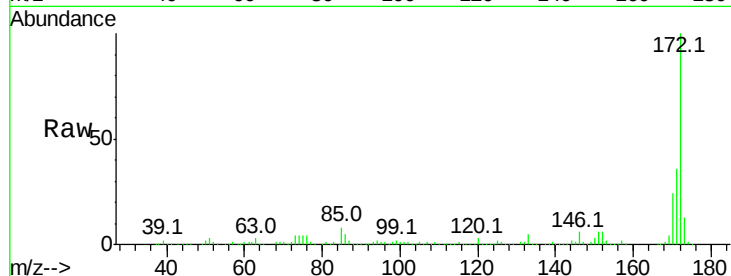




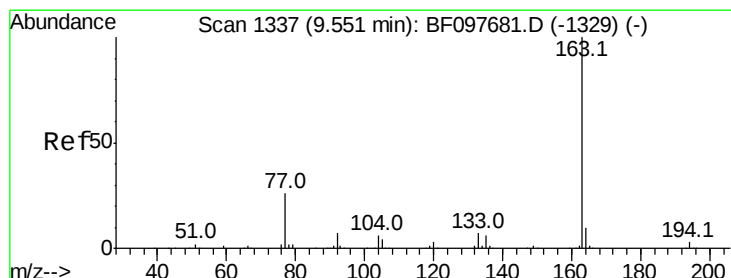
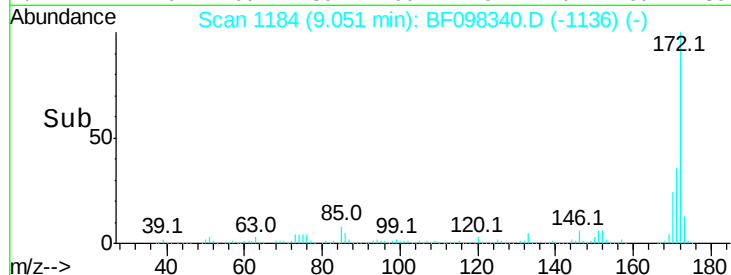
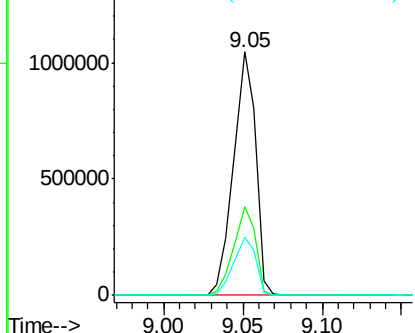
#44
2-Fluorobiphenyl
Concen: 99.125 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF098340.D
Acq: 8 Sep 2017 4:10

Instrument :
BNA_F
ClientSampleId :
090517-TIDO-F-U-B

Tot Ion:172 Resp: 1021854
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.0 19.8 29.8

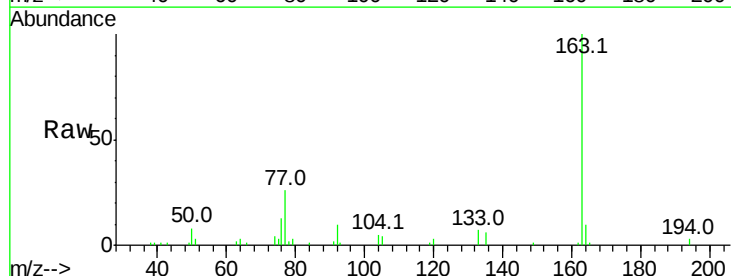


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

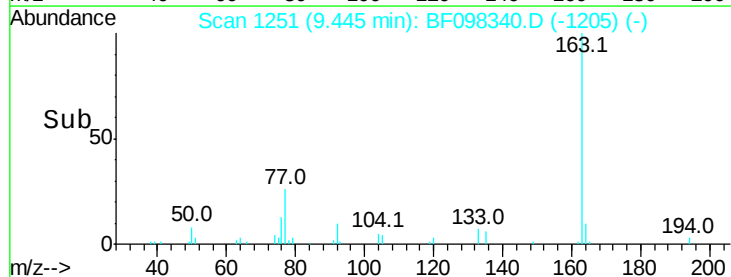
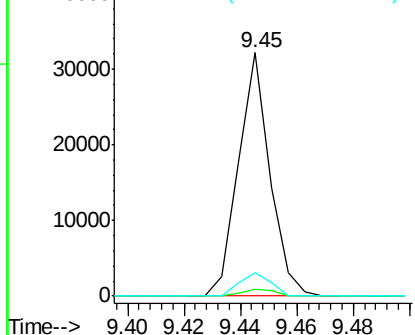


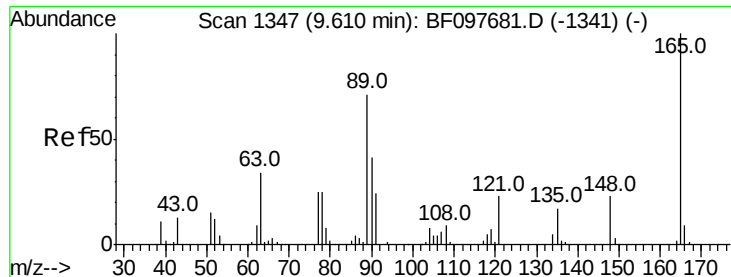
#49
Dimethylphthalate
Concen: 2.247 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF098340.D
Acq: 8 Sep 2017 4:10

Tgt Ion:163 Resp: 24872
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 9.7 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

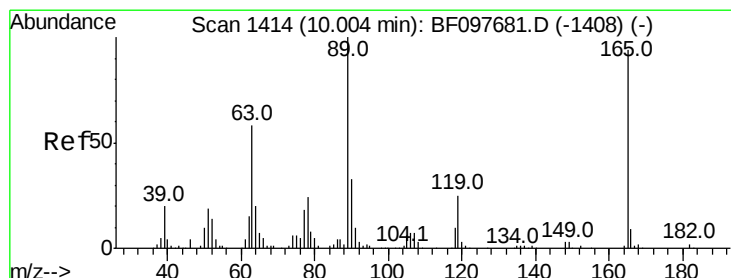
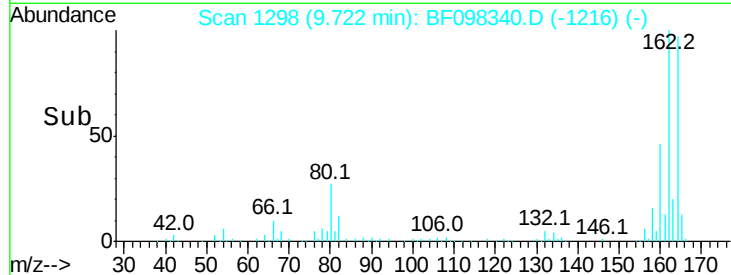
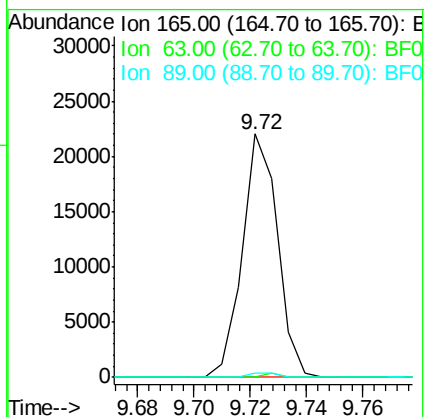
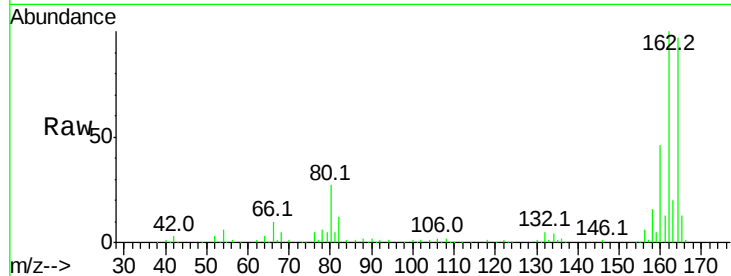




#50
 2,6-Dinitrotoluene
 Concen: 8.596 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.18 min
 Lab File: BF098340.D
 Acq: 8 Sep 2017 4:10

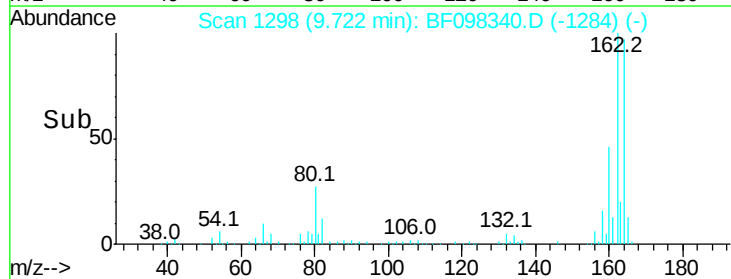
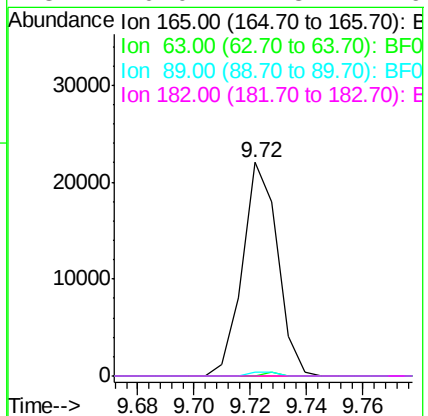
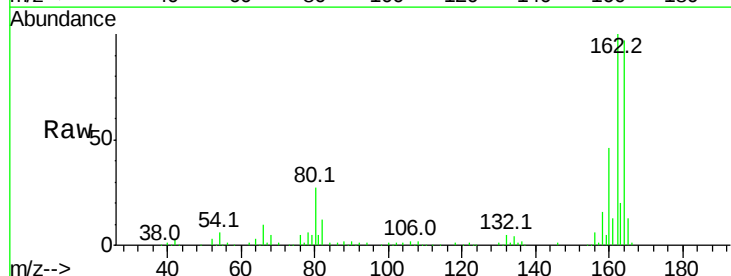
Instrument :
 BNA_F
 ClientSampleId :
 090517-TIDO-F-U-B

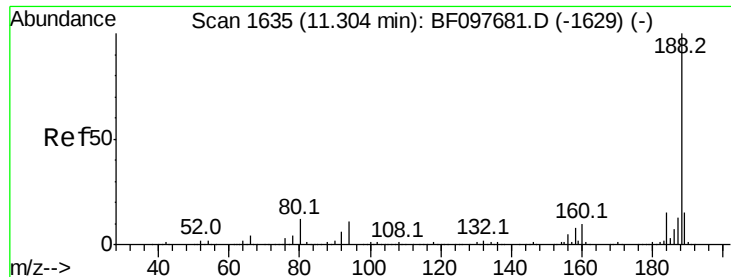
Tot Ion:	165	Resp:	18996
Ion Ratio	Lower	Upper	
165	100		
63	0.0	34.3	51.5#
89	1.9	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.850 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.22 min
 Lab File: BF098340.D
 Acq: 8 Sep 2017 4:10

Tgt Ion:	165	Resp:	18996
Ion Ratio	Lower	Upper	
165	100		
63	0.0	25.4	38.0#
89	1.9	46.4	69.6#
182	0.0	1.8	2.6#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF098340.D

Acq: 8 Sep 2017 4:10

Instrument :

BNA_F

ClientSampleId :

090517-TIDO-F-U-B

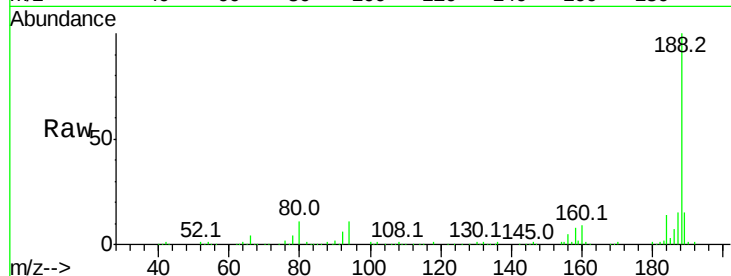
Tot Ion:188 Resp: 267375

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.2

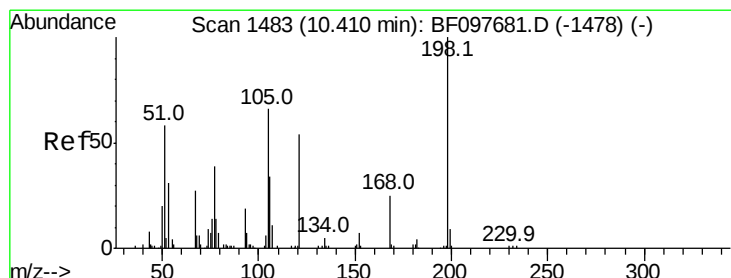
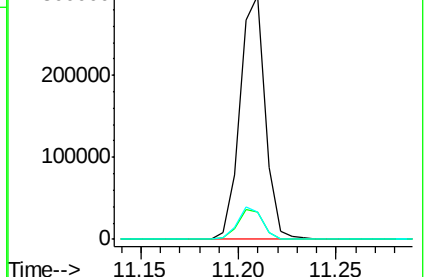
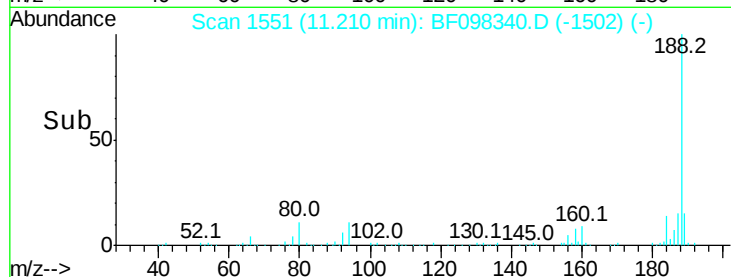
80 11.4 10.2 15.2



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



#64

4,6-Dinitro-2-methylphenol

Concen: 8.390 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.16 min

Lab File: BF098340.D

Acq: 8 Sep 2017 4:10

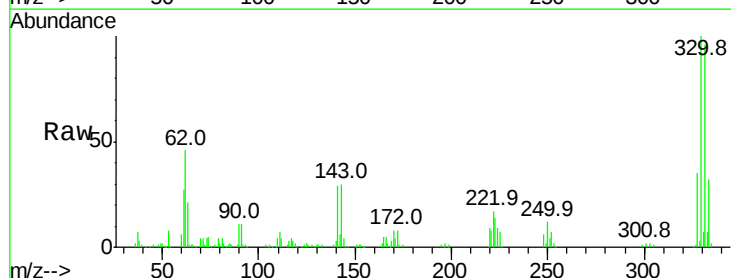
Tgt Ion:198 Resp: 106

Ion Ratio Lower Upper

198 100

51 196.0 53.2 93.2#

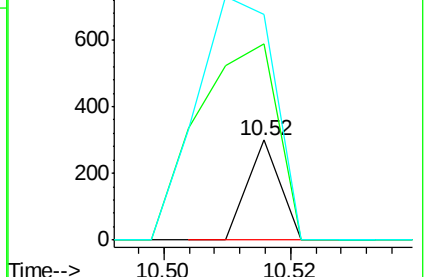
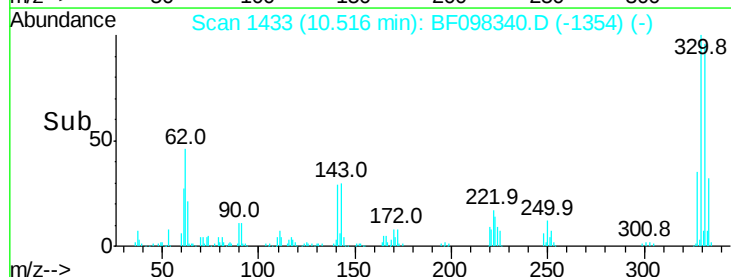
105 225.7 45.8 85.8#

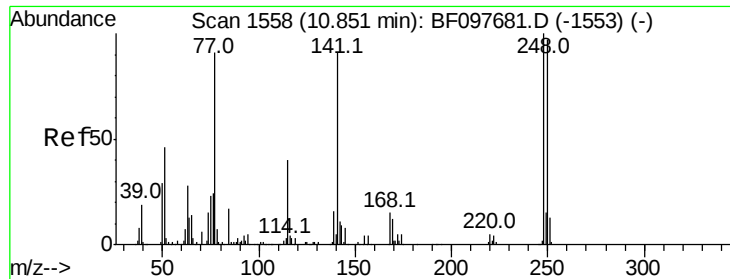


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

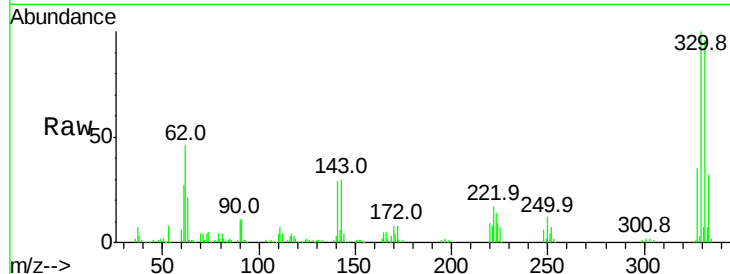




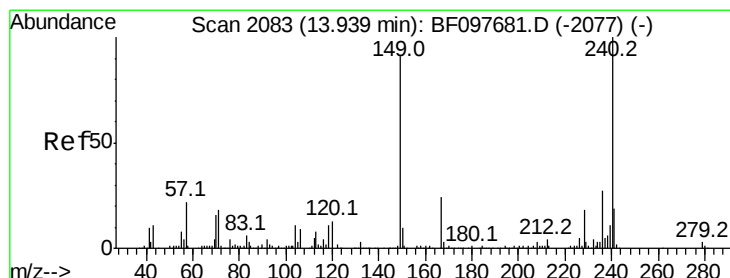
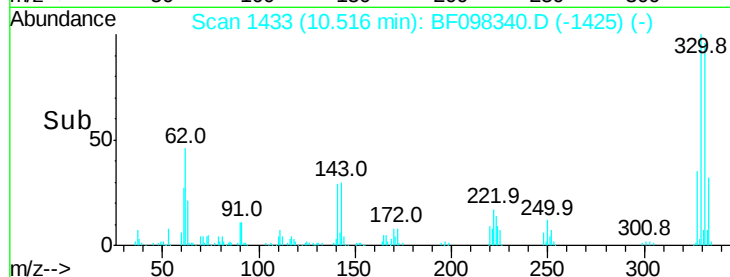
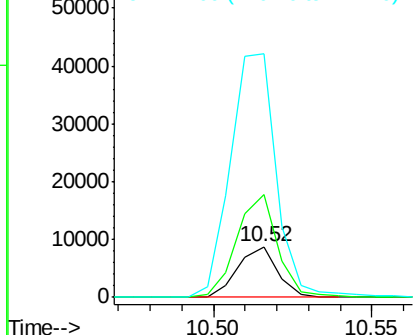
#66
4-Bromophenyl-phenylether
Concen: 2.743 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF098340.D
Acq: 8 Sep 2017 4:10

Instrument :
BNA_F
ClientSampleId :
090517-TIDO-F-U-B

Tot Ion:248 Resp: 7617
Ion Ratio Lower Upper
248 100
250 202.8 76.8 115.2#
141 479.4 68.6 103.0#

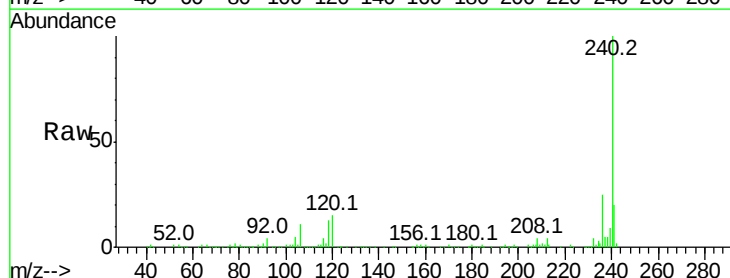


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

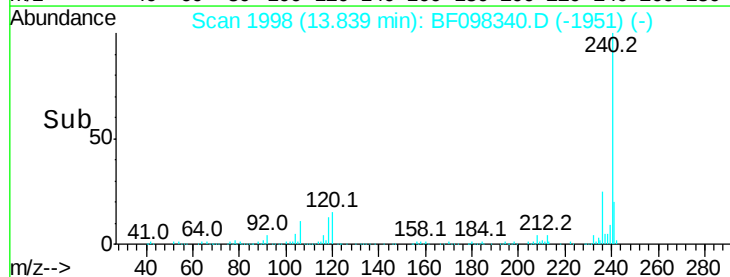
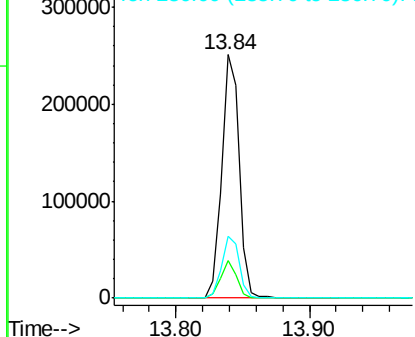


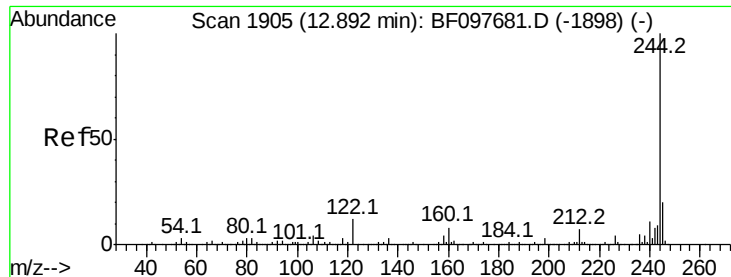
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF098340.D
Acq: 8 Sep 2017 4:10

Tgt Ion:240 Resp: 233985
Ion Ratio Lower Upper
240 100
120 15.3 5.8 8.8#
236 25.3 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: 72.070 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF098340.D

Acq: 8 Sep 2017 4:10

Instrument :

BNA_F

ClientSampleId :

090517-TIDO-F-U-B

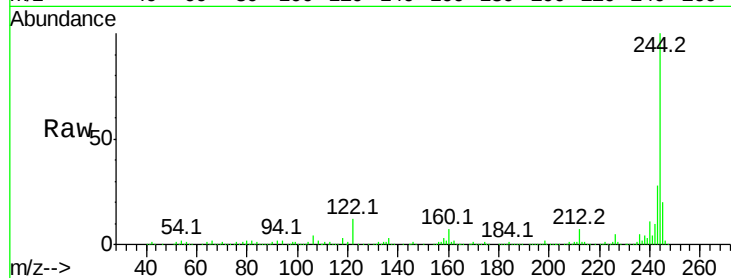
Tot Ion:244 Resp: 808666

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

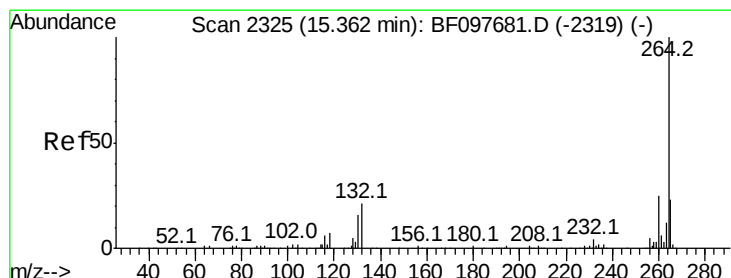
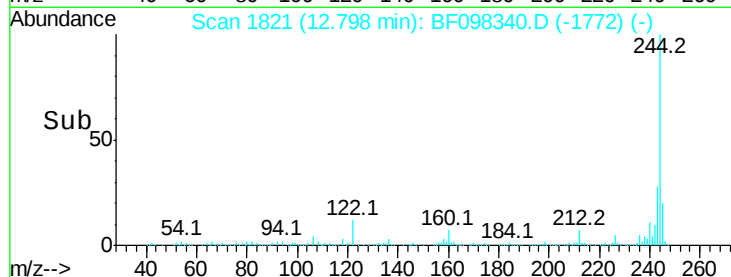
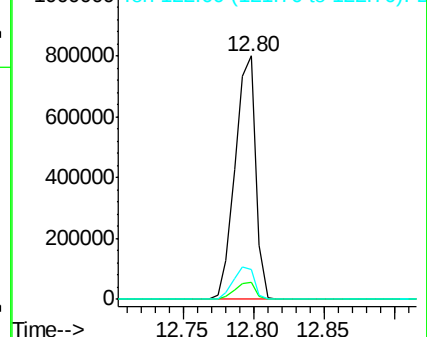
122 12.3 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 15.25 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BF098340.D

Acq: 8 Sep 2017 4:10

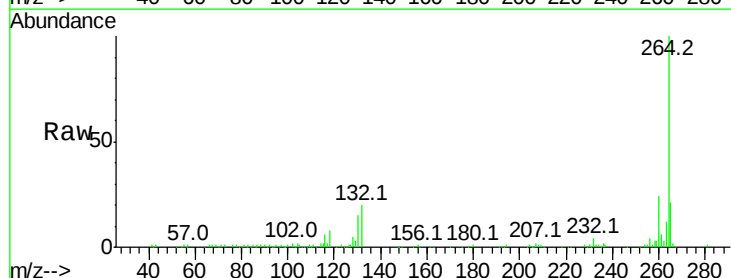
Tgt Ion:264 Resp: 154870

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 21.0 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

