

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090717\
 Data File : BF098342.D
 Acq On : 8 Sep 2017 5:05
 Operator : SJ/JU
 Sample : I5132-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 090617-TIDO-F-D-B

Quant Time: Sep 08 07:03:44 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

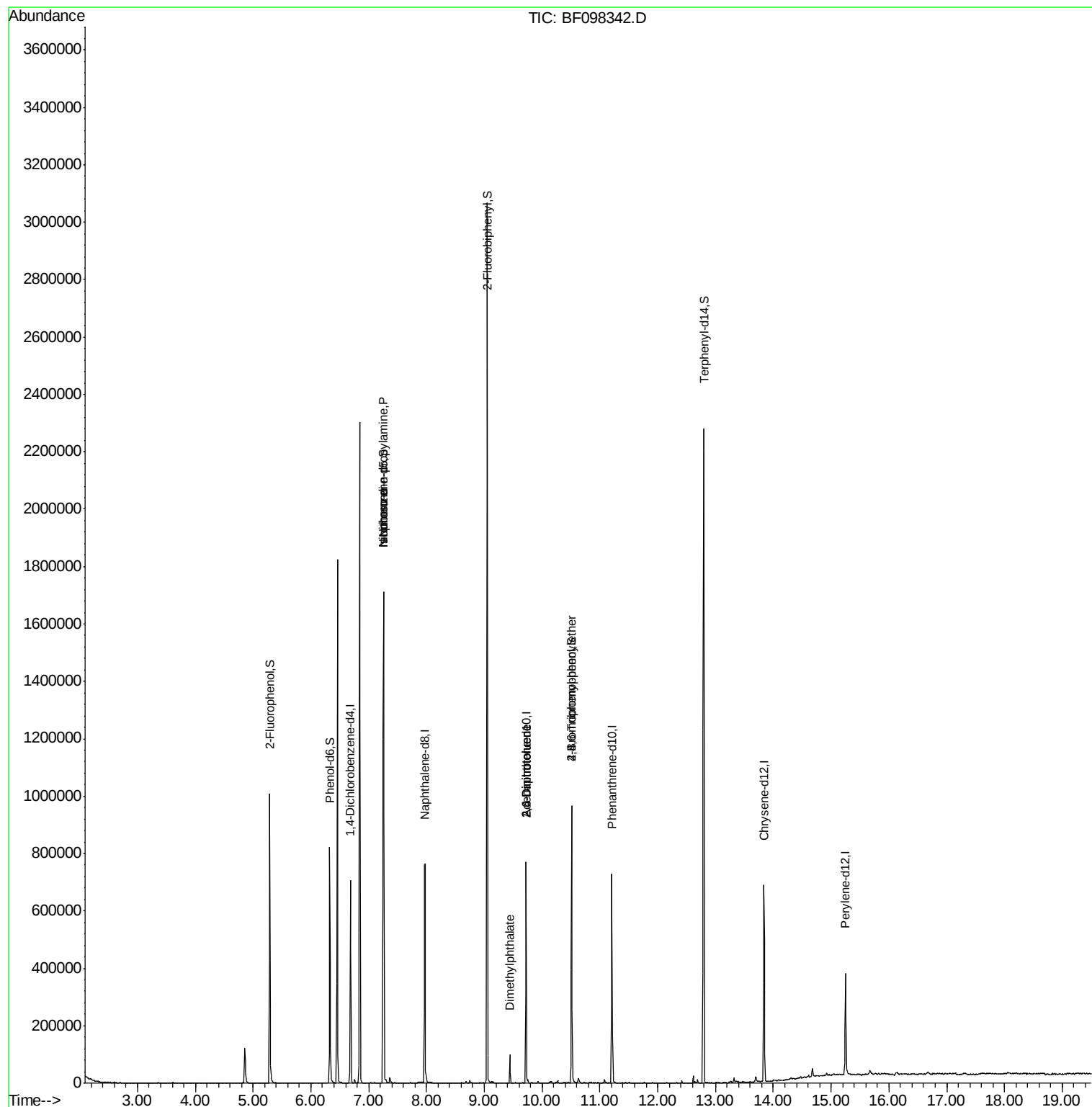
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	95607	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	353895	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	148646	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	261149	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	220634	20.00	ng	-0.02
86) Perylene-d12	15.25	264	149531	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	289981	46.13	ng	-0.02
7) Phenol-d6	6.33	99	266167	31.17	ng	-0.02
23) Nitrobenzene-d5	7.26	82	641143	98.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	117161	90.84	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	972859	96.16	ng	-0.02
78) Terphenyl-d14	12.80	244	772882	73.05	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	83518	14.286	ng	# 69
25) Isophorone	7.26	82	635707	46.930	ng	# 67
49) Dimethylphthalate	9.45	163	35821	3.297	ng	# 98
50) 2,6-Dinitrotoluene	9.72	165	18819	8.677	ng	# 34
56) 2,4-Dinitrotoluene	9.72	165	18819	6.914	ng	# 33
66) 4-Bromophenyl-phenylether	10.51	248	7432	2.741	ng	# 1

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

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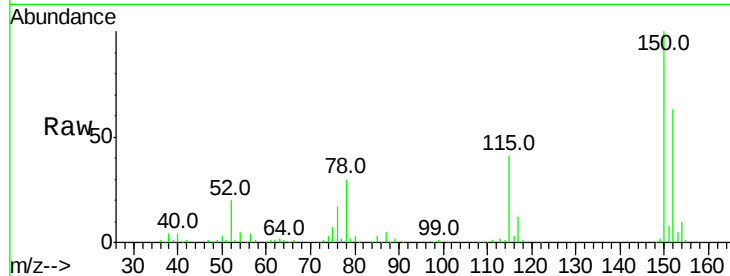


#1

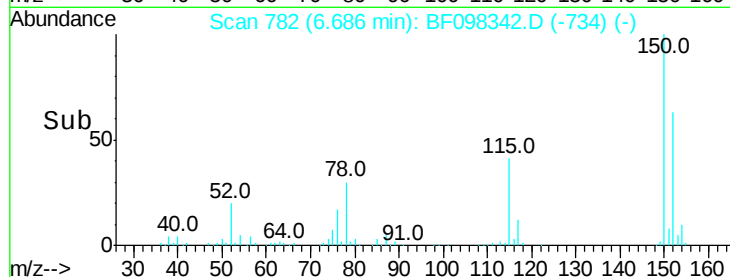
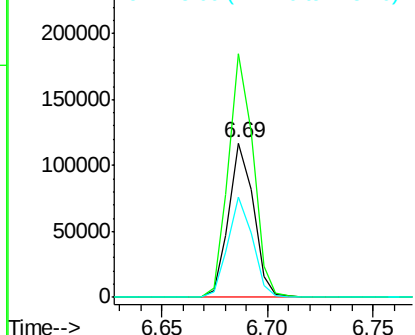
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF098342.D
Acq: 8 Sep 2017 5:05

Instrument :
BNA_F
ClientSampleId :
090617-TIDO-F-D-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.2	189.2
115	64.5	52.2	78.2



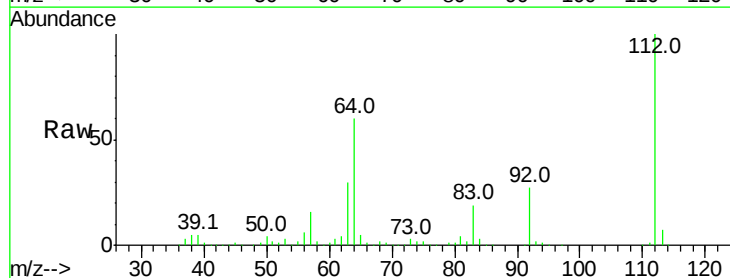
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



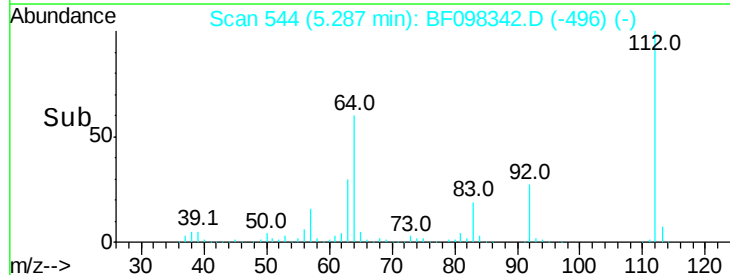
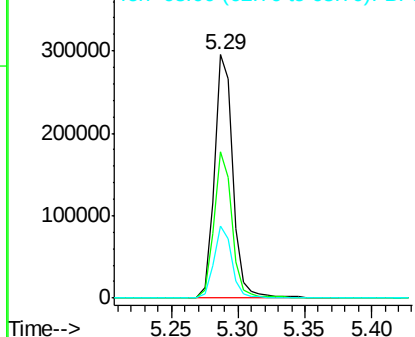
#5

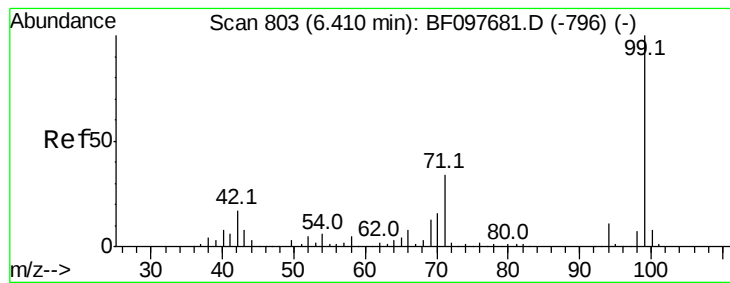
2-Fluorophenol
Concen: 46.135 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF098342.D
Acq: 8 Sep 2017 5:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	46.0	69.0
63	29.6	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: 31.166 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF098342.D

Acq: 8 Sep 2017 5:05

Instrument :

BNA_F

ClientSampleId :

090617-TIDO-F-D-B

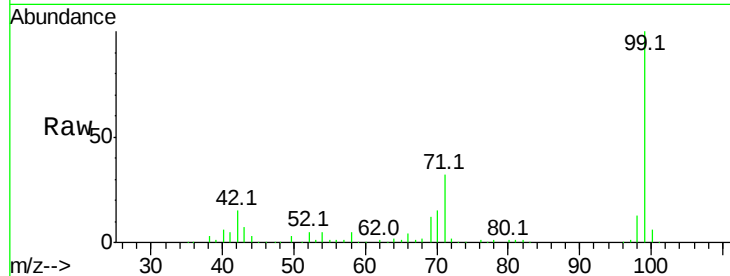
Tot Ion: 99 Resp: 266167

Ion Ratio Lower Upper

99 100

42 14.7 13.5 20.3

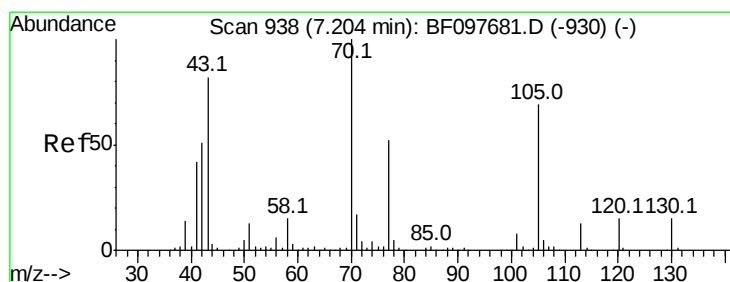
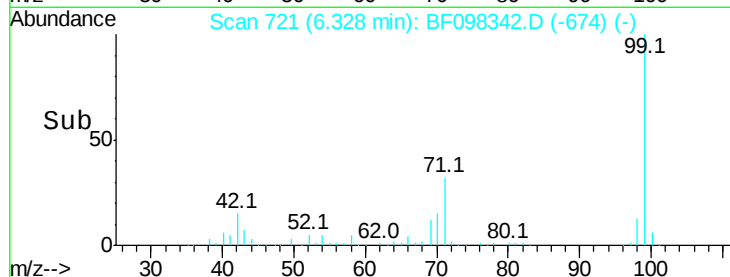
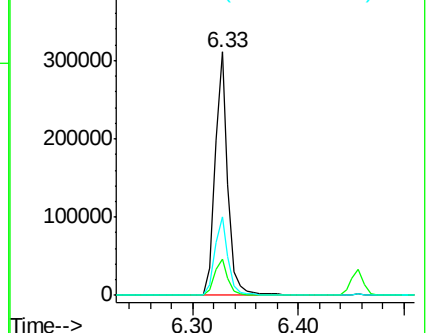
71 32.4 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.286 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.13 min

Lab File: BF098342.D

Acq: 8 Sep 2017 5:05

Tgt Ion: 70 Resp: 83518

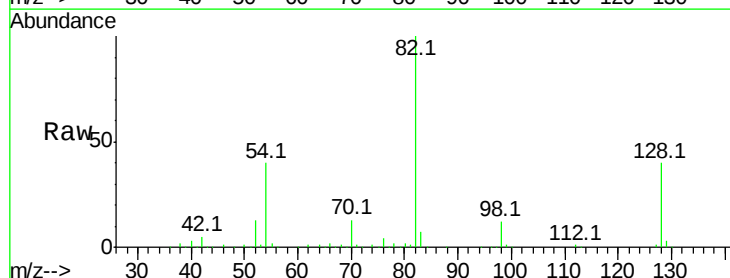
Ion Ratio Lower Upper

70 100

42 37.1 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

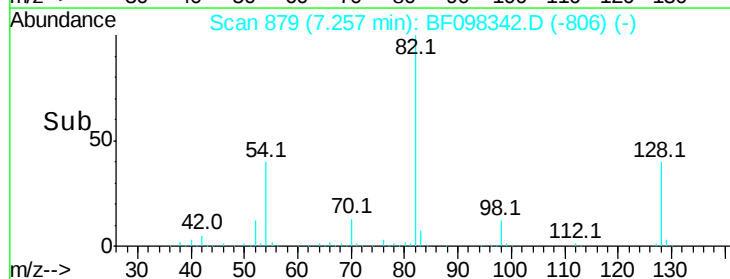
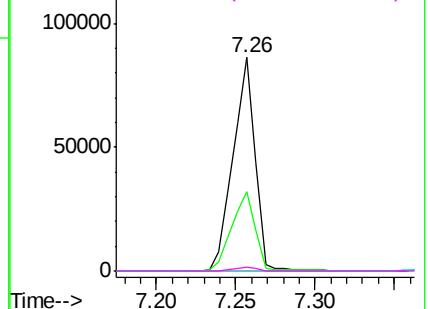


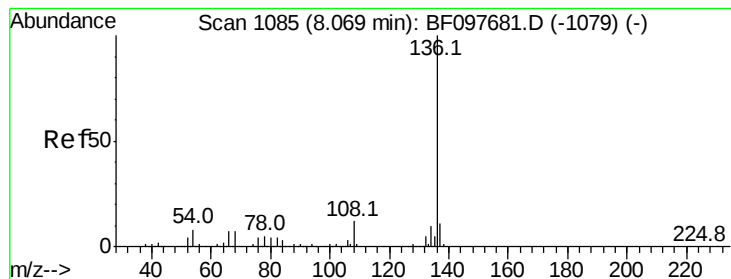
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF098342.D

Acq: 8 Sep 2017 5:05

Instrument :

BNA_F

ClientSampleId :

090617-TIDO-F-D-B

Tot Ion:136 Resp: 353895

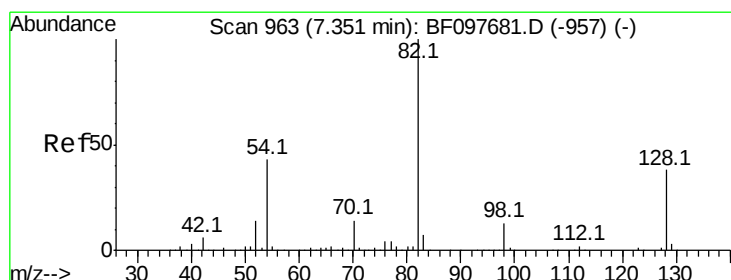
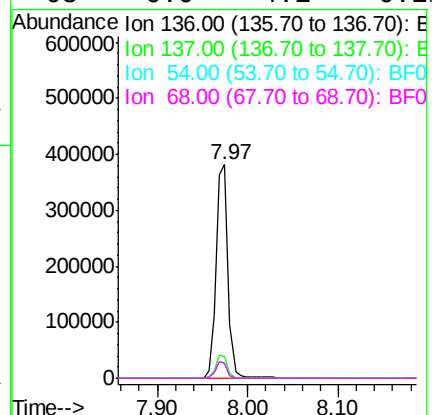
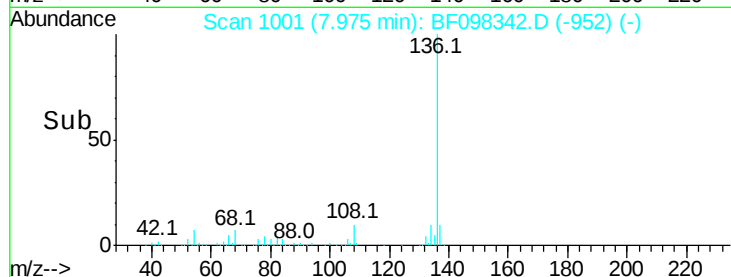
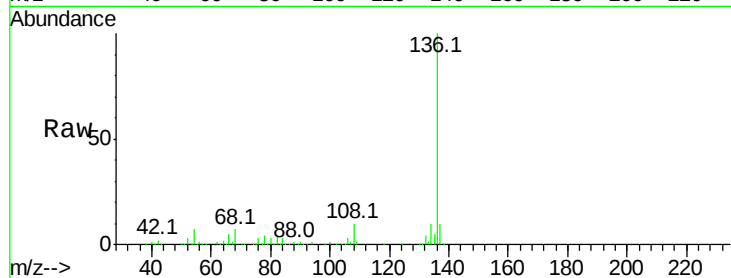
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 6.6 4.9 7.3

68 6.9 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 98.419 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.02 min

Lab File: BF098342.D

Acq: 8 Sep 2017 5:05

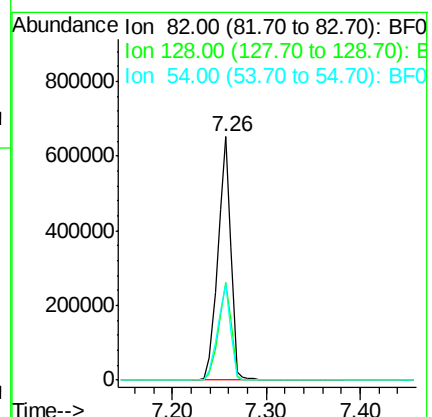
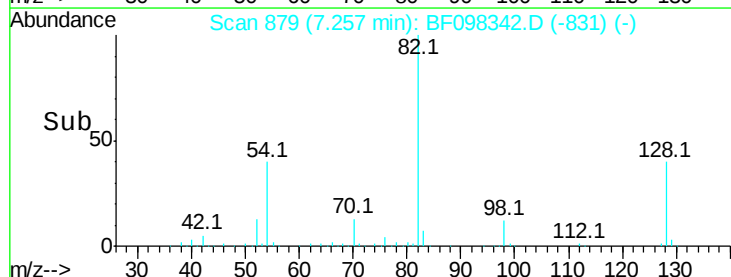
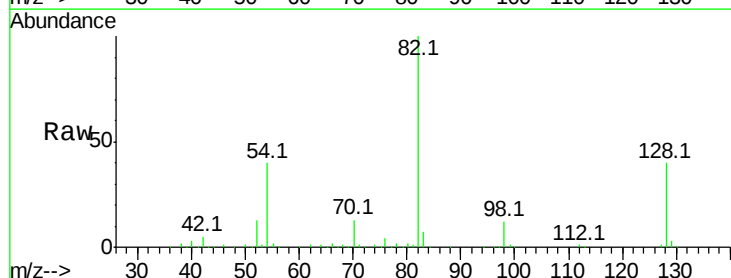
Tgt Ion: 82 Resp: 641143

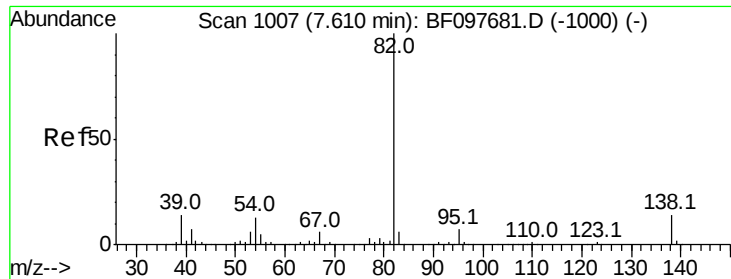
Ion Ratio Lower Upper

82 100

128 40.4 34.0 51.0

54 39.7 42.2 63.2#





#25

Isophorone

Concen: 46.930 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.28 min

Lab File: BF098342.D

Acq: 8 Sep 2017 5:05

Instrument :

BNA_F

ClientSampleId :

090617-TIDO-F-D-B

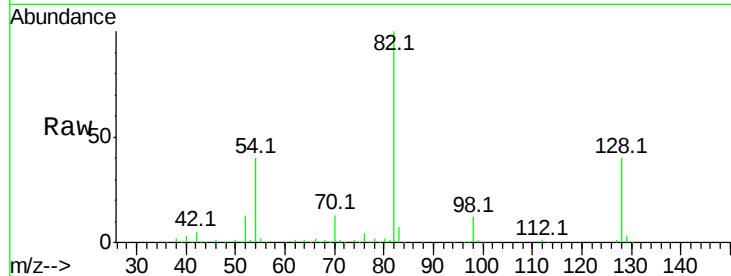
Tot Ion: 82 Resp: 635707

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

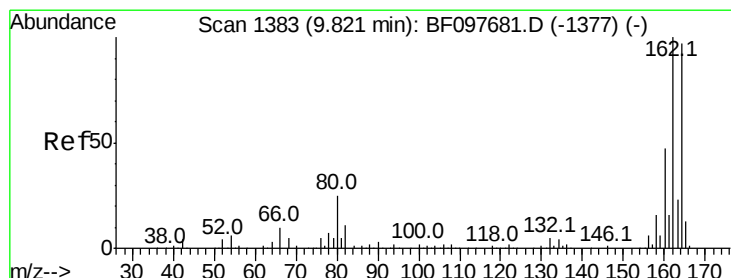
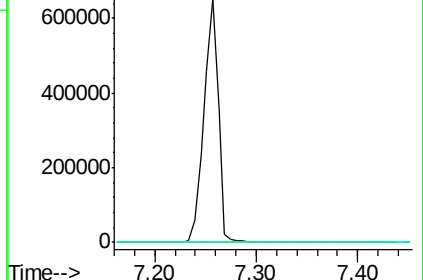
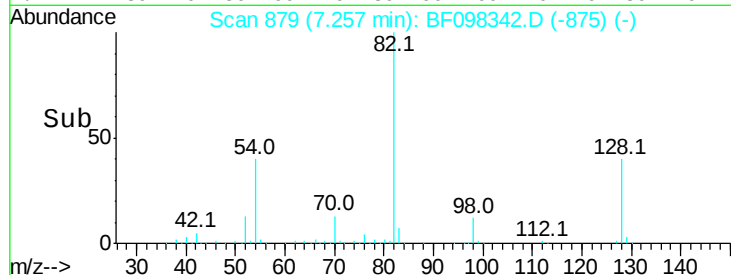
138 0.0 13.1 19.7#



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: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF098342.D

Acq: 8 Sep 2017 5:05

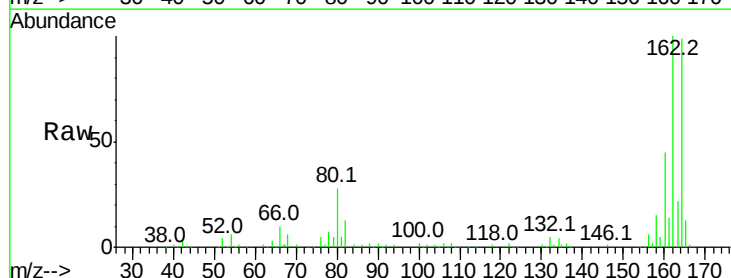
Tgt Ion: 164 Resp: 148646

Ion Ratio Lower Upper

164 100

162 100.5 82.6 123.8

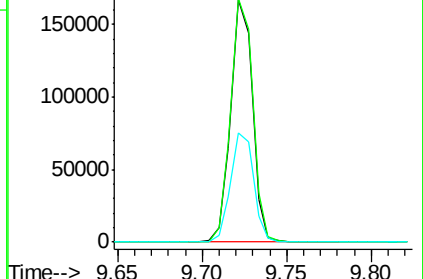
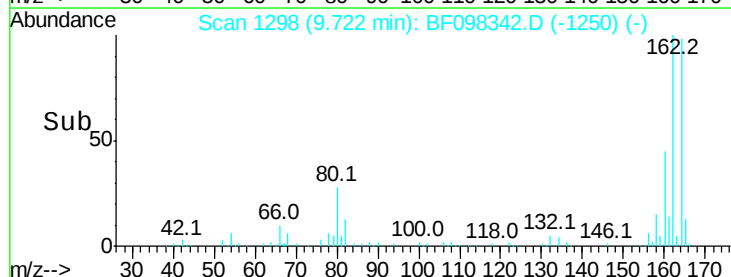
160 45.2 36.2 54.2



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

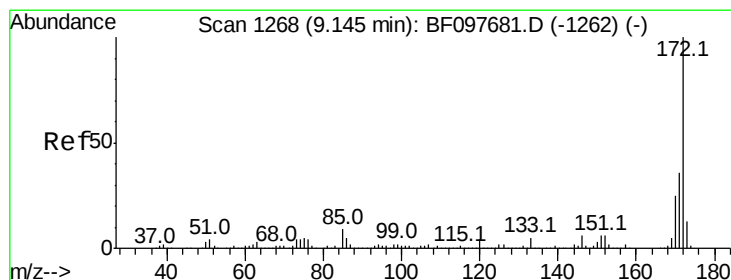
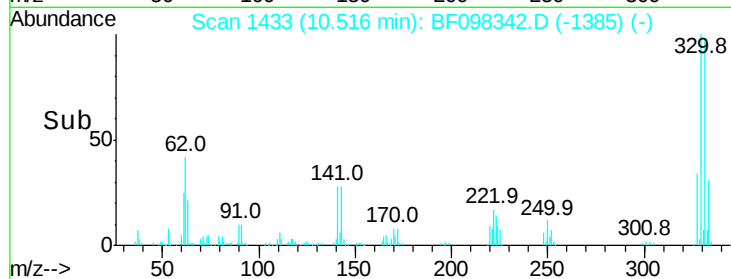
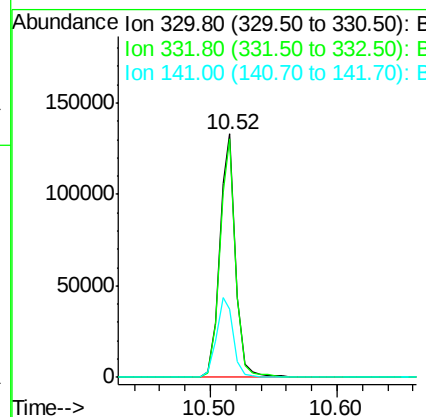
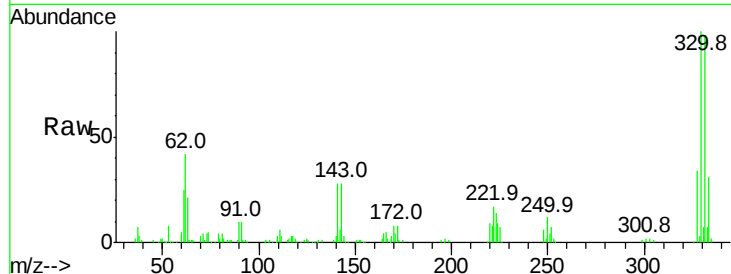




#41
 2,4,6-Tribromophenol
 Concen: 90.840 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF098342.D
 Acq: 8 Sep 2017 5:05

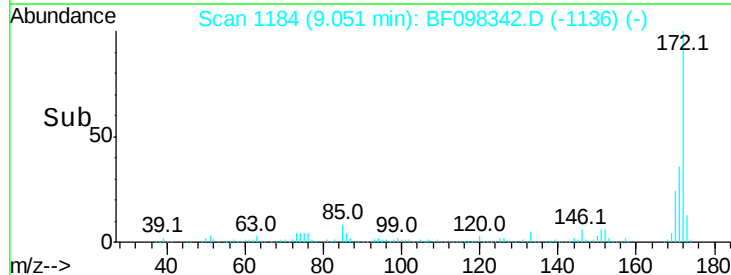
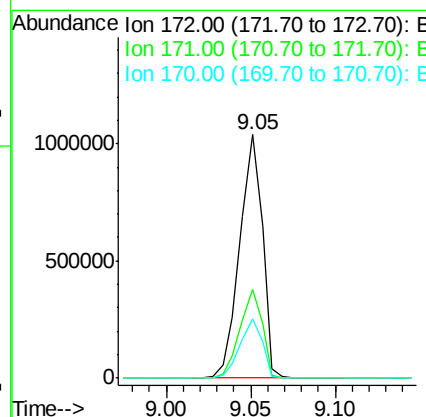
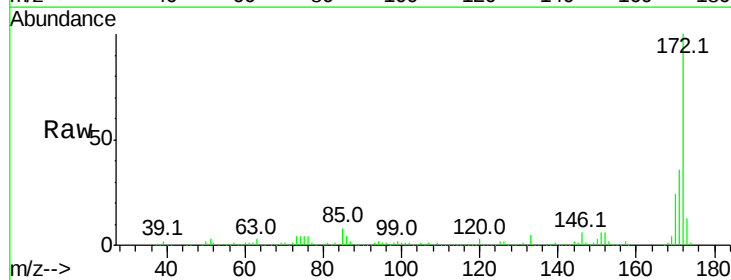
Instrument :
 BNA_F
 ClientSampleId :
 090617-TIDO-F-D-B

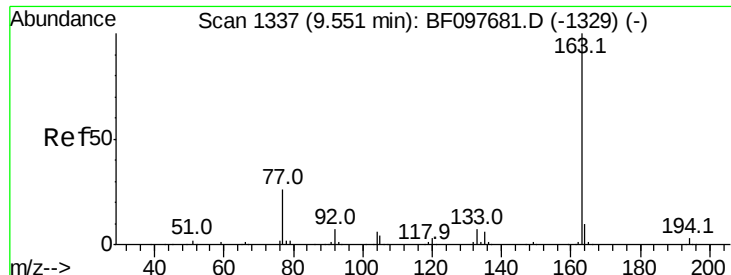
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	35.4	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 96.157 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF098342.D
 Acq: 8 Sep 2017 5:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.5	19.8	29.8

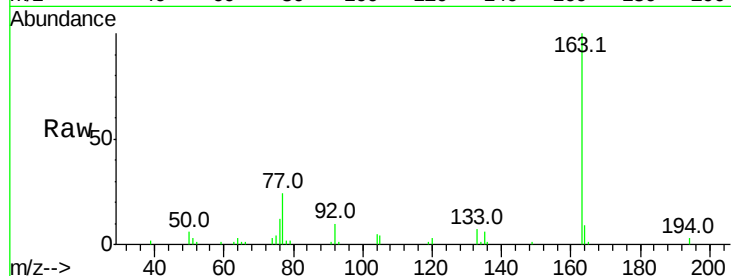




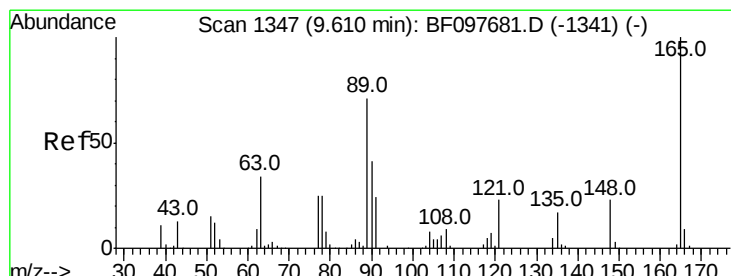
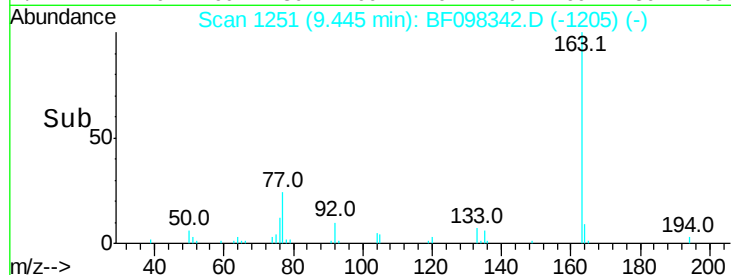
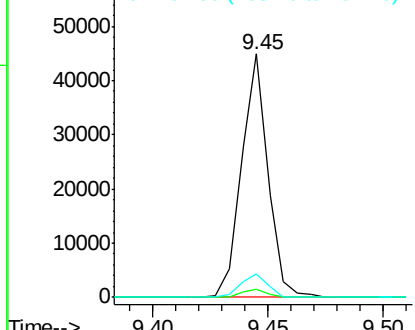
#49
Dimethylphthalate
Concen: 3.297 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF098342.D
Acq: 8 Sep 2017 5:05

Instrument :
BNA_F
ClientSampleId :
090617-TIDO-F-D-B

Tot Ion:163 Resp: 35821
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.4 8.4 12.6

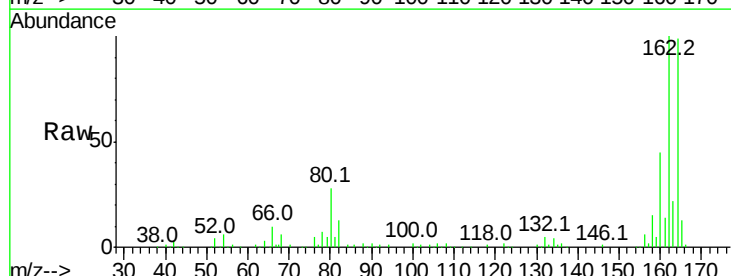


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

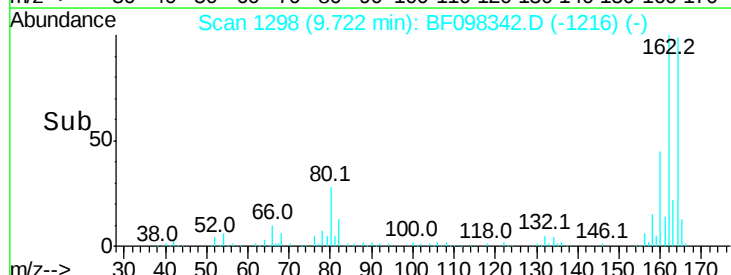
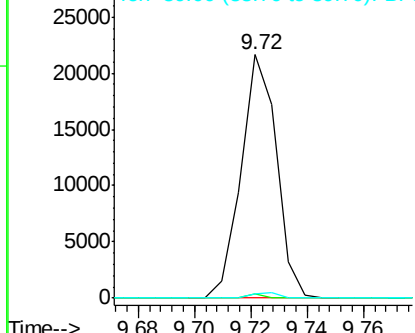


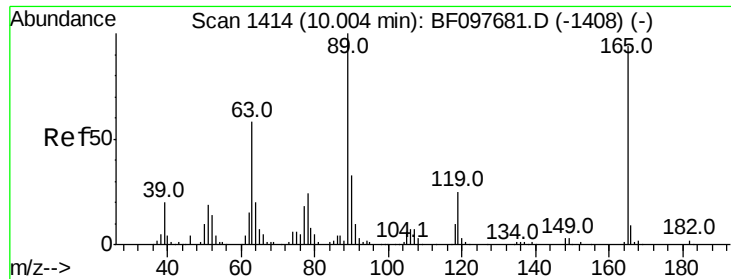
#50
2,6-Dinitrotoluene
Concen: 8.677 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.18 min
Lab File: BF098342.D
Acq: 8 Sep 2017 5:05

Tgt Ion:165 Resp: 18819
Ion Ratio Lower Upper
165 100
63 1.5 34.3 51.5#
89 1.8 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

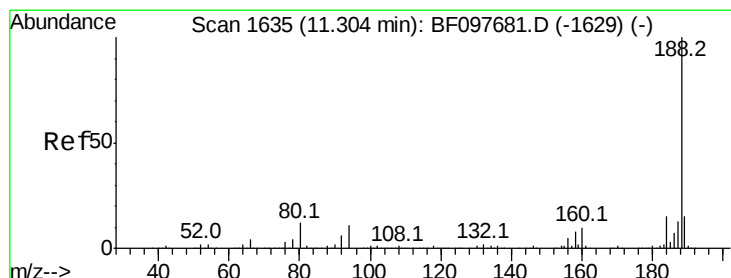
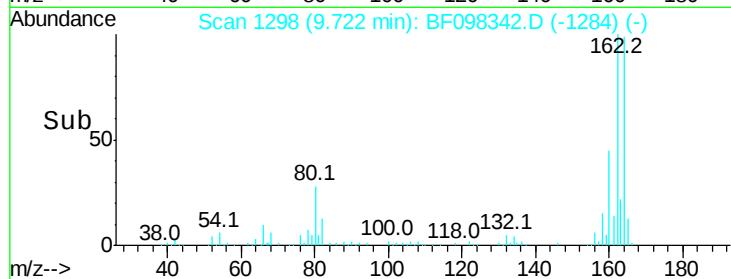
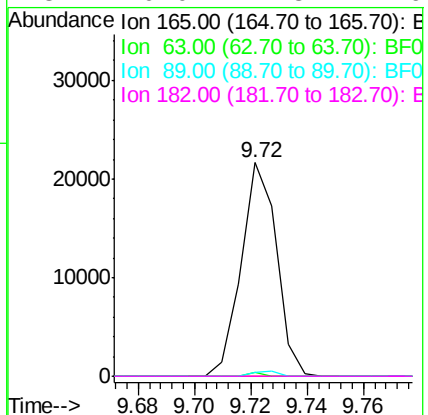
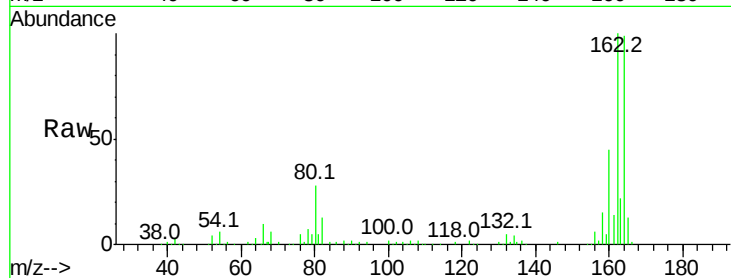




#56
 2,4-Dinitrotoluene
 Concen: 6.914 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.22 min
 Lab File: BF098342.D
 Acq: 8 Sep 2017 5:05

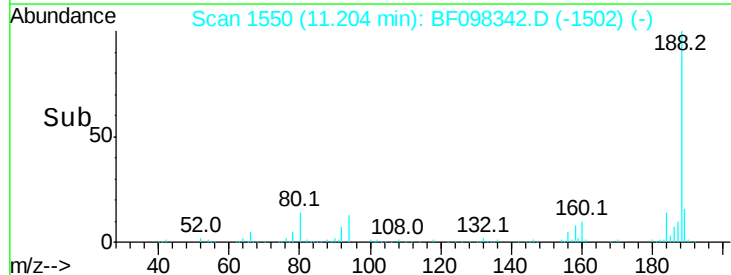
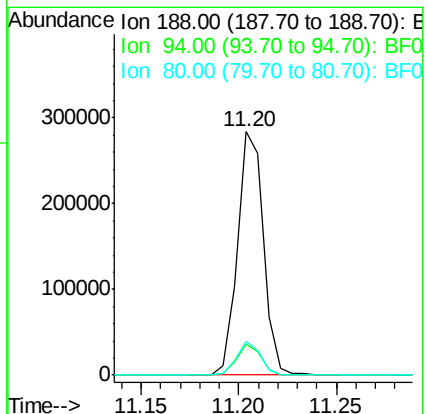
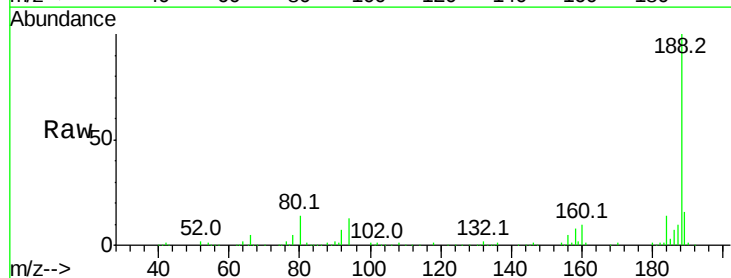
Instrument :
 BNA_F
 ClientSampleId :
 090617-TIDO-F-D-B

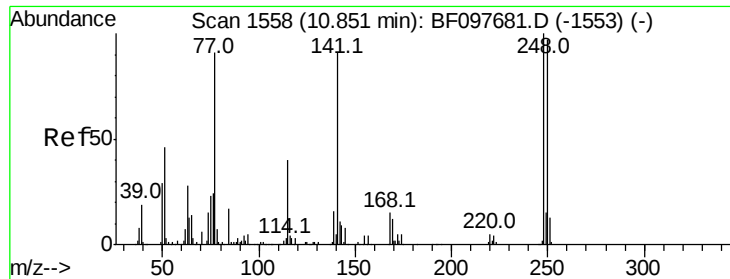
Tot Ion:	165	Resp:	18819
Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	1.8	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.02 min
 Lab File: BF098342.D
 Acq: 8 Sep 2017 5:05

Tgt Ion:	188	Resp:	261149
Ion	Ratio	Lower	Upper
188	100		
94	12.9	9.4	14.2
80	14.0	10.2	15.2

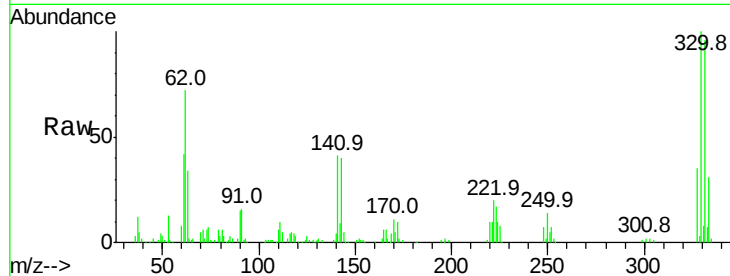




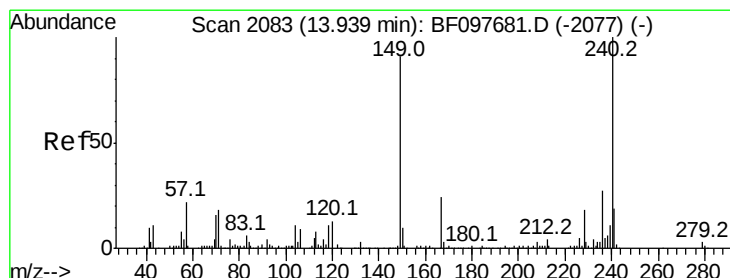
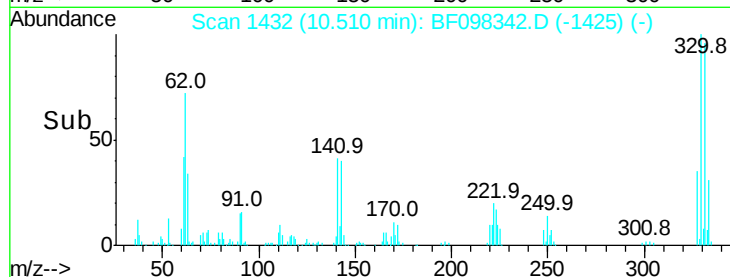
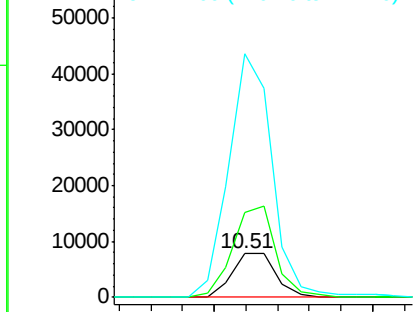
#66
4-Bromophenyl-phenylether
Concen: 2.741 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.26 min
Lab File: BF098342.D
Acq: 8 Sep 2017 5:05

Instrument :
BNA_F
ClientSampleId :
090617-TIDO-F-D-B

Tot Ion:248 Resp: 7432
Ion Ratio Lower Upper
248 100
250 194.9 76.8 115.2#
141 555.0 68.6 103.0#

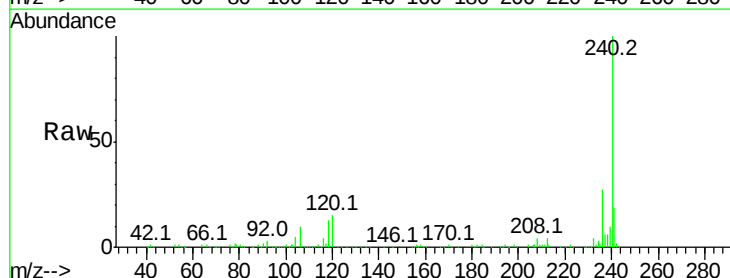


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

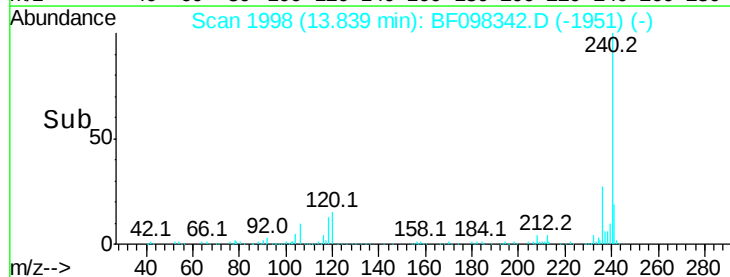
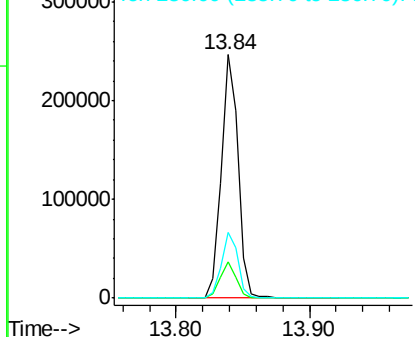


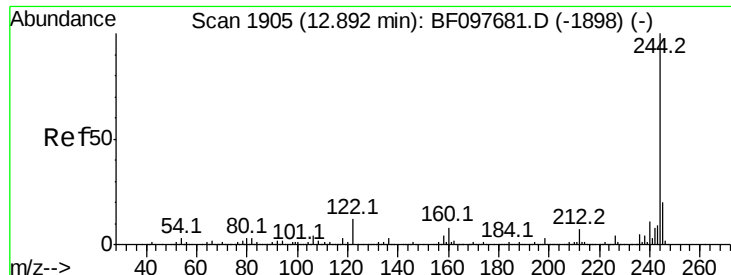
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF098342.D
Acq: 8 Sep 2017 5:05

Tgt Ion:240 Resp: 220634
Ion Ratio Lower Upper
240 100
120 14.9 5.8 8.8#
236 26.8 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

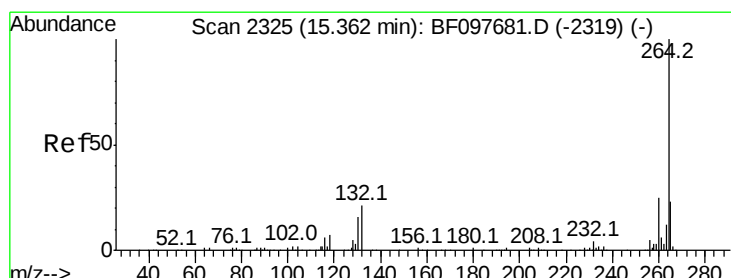
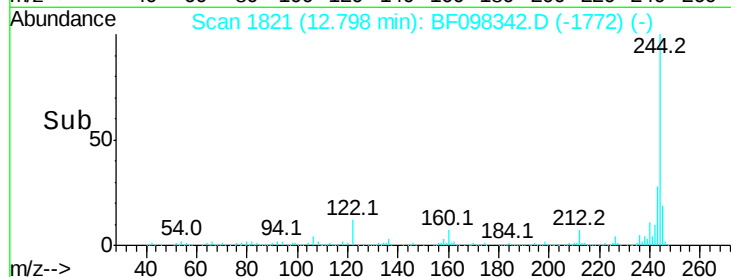
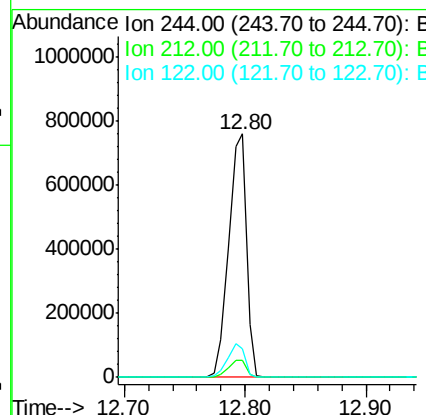
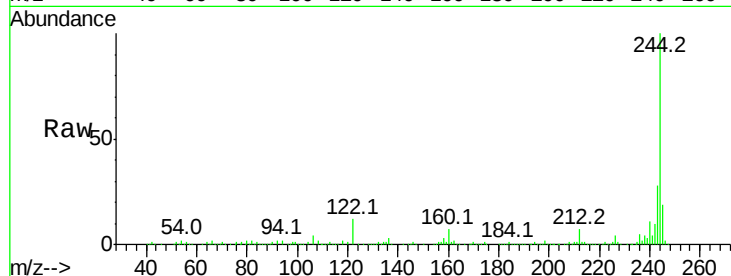




#78
 Terphenyl-d14
 Concen: 73.049 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF098342.D
 Acq: 8 Sep 2017 5:05

Instrument :
 BNA_F
 ClientSampleId :
 090617-TIDO-F-D-B

Tot Ion:244 Resp: 772882
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 11.5 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: BF098342.D
 Acq: 8 Sep 2017 5:05

Tgt Ion:264 Resp: 149531
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.2 17.2 25.8

