

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090717\
 Data File : BF098345.D
 Acq On : 8 Sep 2017 6:28
 Operator : SJ/JU
 Sample : I5132-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 090617-TIDO-F-U-S

Quant Time: Sep 08 07:04:41 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

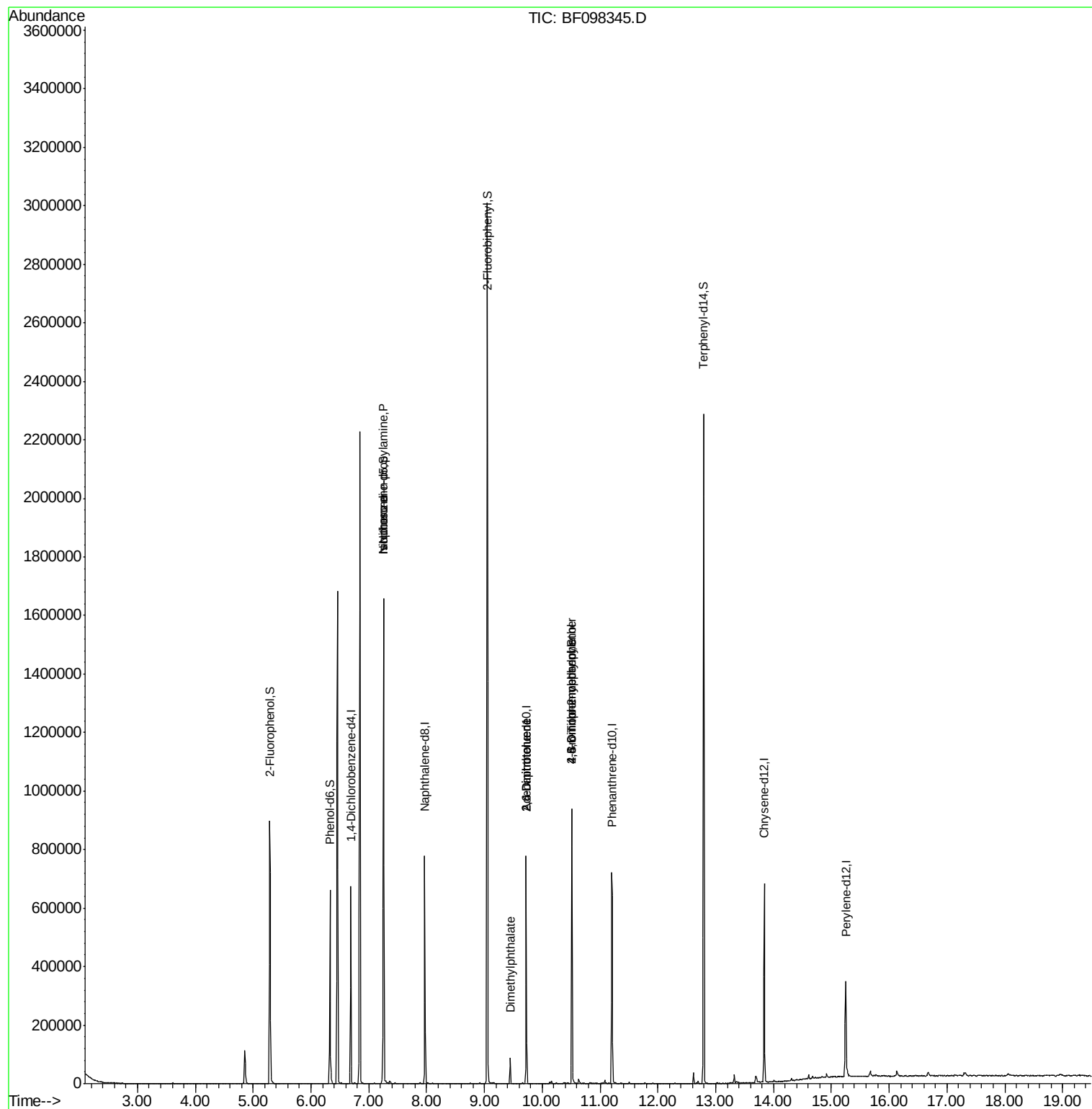
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	90585	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	351606	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	143215	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	255562	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	221280	20.00	ng	-0.02
86) Perylene-d12	15.25	264	147264	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	258394	43.39	ng	-0.02
7) Phenol-d6	6.33	99	223785	27.66	ng	-0.02
23) Nitrobenzene-d5	7.26	82	602866	93.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	106530	85.73	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	942451	96.68	ng	-0.02
78) Terphenyl-d14	12.79	244	755585	71.21	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	77211	13.939	ng	# 71
25) Isophorone	7.26	82	602859	44.795	ng	# 67
49) Dimethylphthalate	9.45	163	30679	2.931	ng	# 98
50) 2,6-Dinitrotoluene	9.72	165	17420	8.336	ng	# 33
56) 2,4-Dinitrotoluene	9.72	165	17420	6.643	ng	# 32
64) 4,6-Dinitro-2-methylphenol	10.51	198	128	8.409	ng	# 1
66) 4-Bromophenyl-phenylether	10.51	248	6888	2.595	ng	# 1

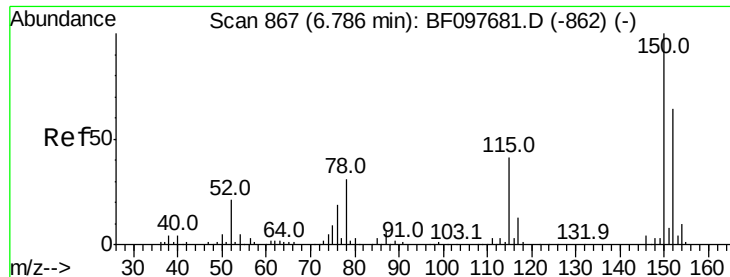
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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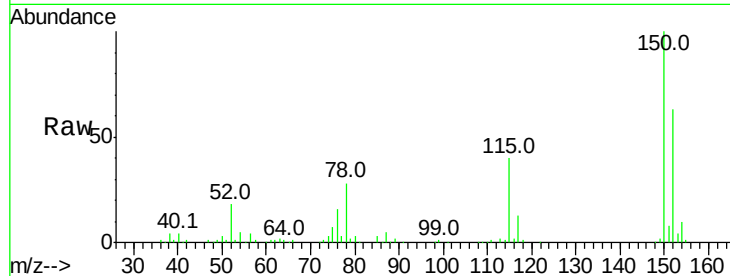


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF098345.D
Acq: 8 Sep 2017 6:28

Instrument :
BNA_F
ClientSampleId :
090617-TIDO-F-U-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	126.2	189.2
115	63.7	52.2	78.2

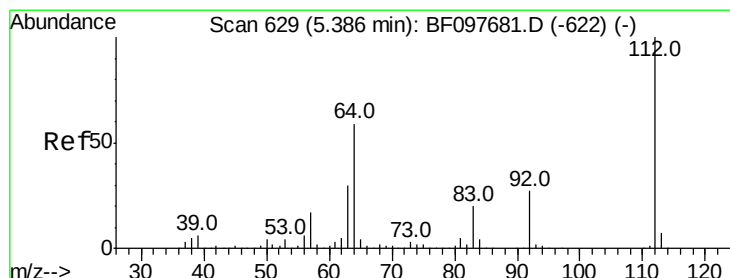
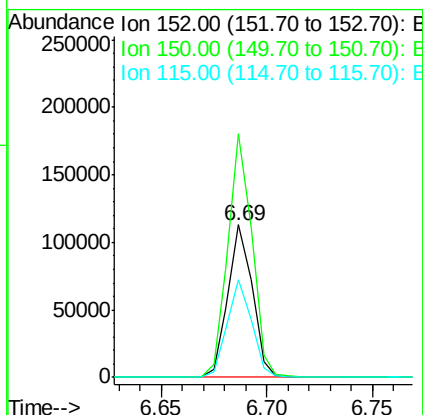
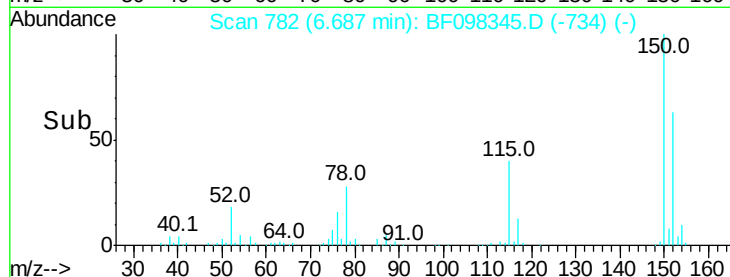


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

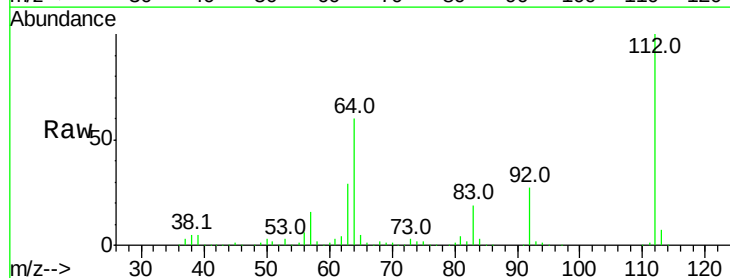
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 43.389 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF098345.D
Acq: 8 Sep 2017 6:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	46.0	69.0
63	29.3	23.4	35.0

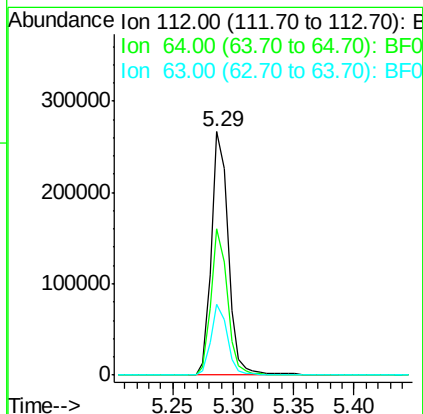
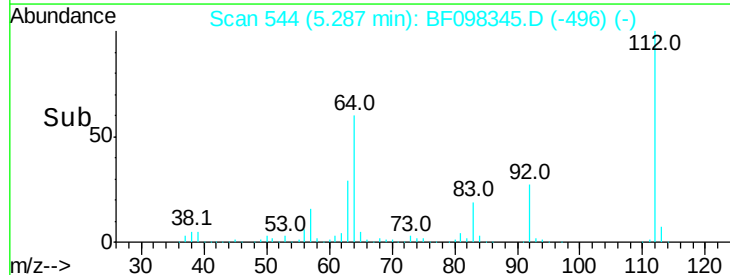


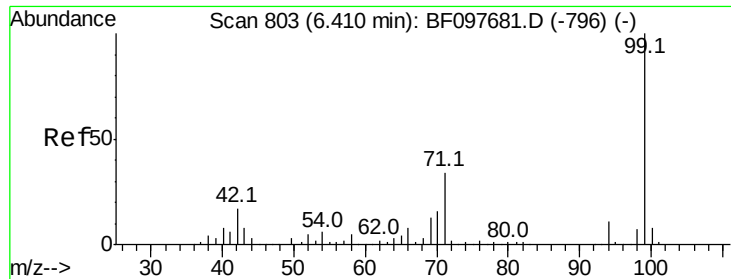
Abundance

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: 27.656 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF098345.D

Acq: 8 Sep 2017 6:28

Instrument :

BNA_F

ClientSampleId :

090617-TIDO-F-U-S

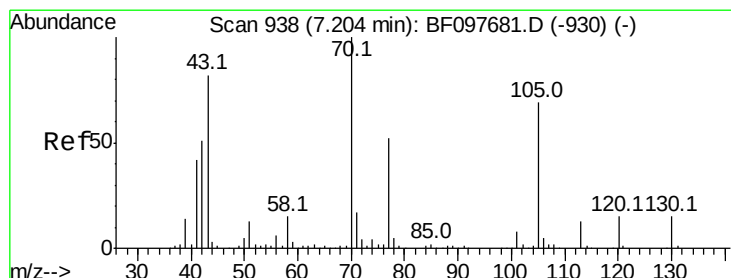
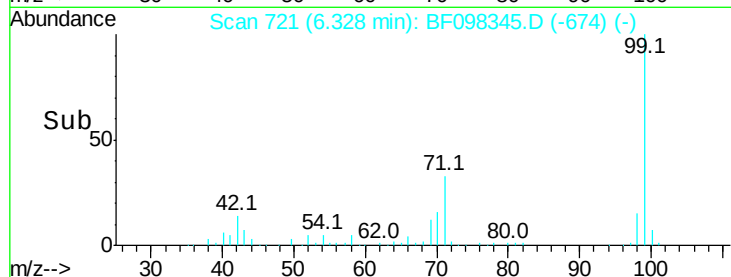
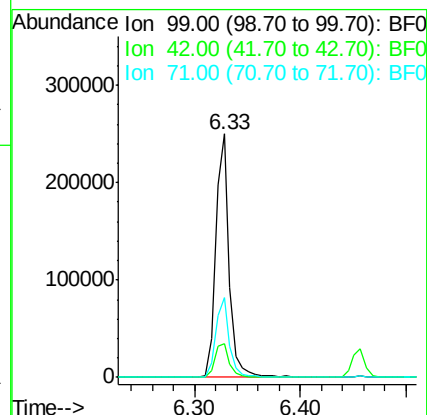
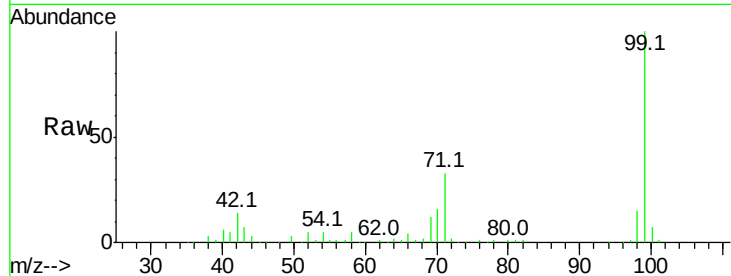
Tot Ion: 99 Resp: 223785

Ion Ratio Lower Upper

99 100

42 13.8 13.5 20.3

71 32.6 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 13.939 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.13 min

Lab File: BF098345.D

Acq: 8 Sep 2017 6:28

Tgt Ion: 70 Resp: 77211

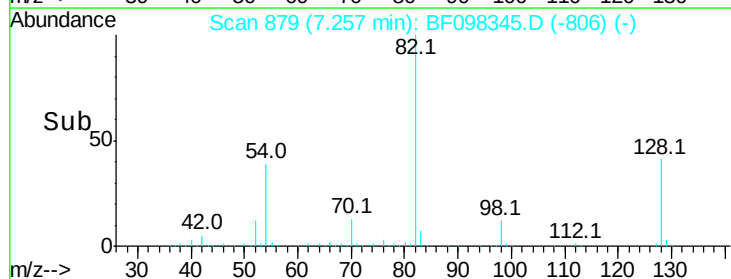
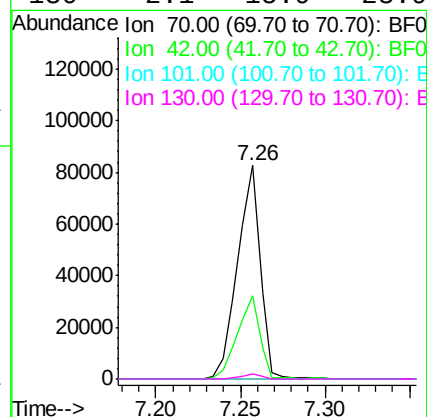
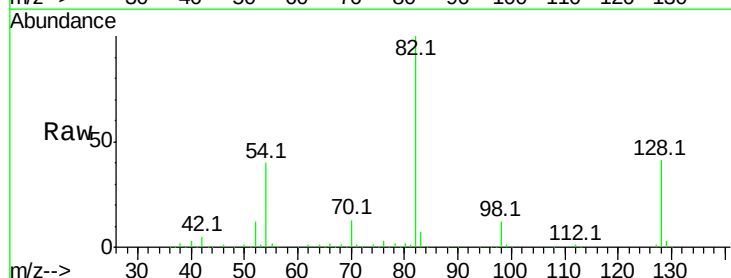
Ion Ratio Lower Upper

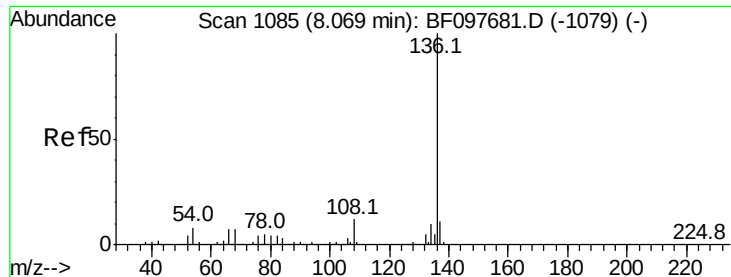
70 100

42 38.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

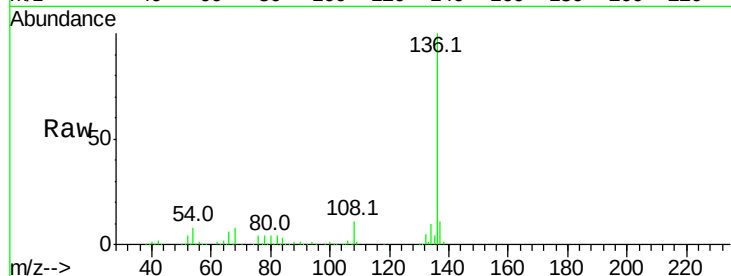




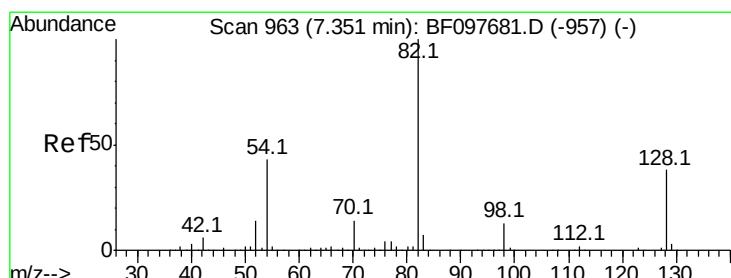
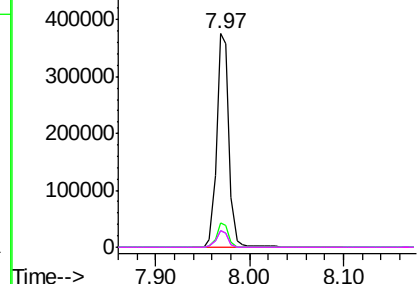
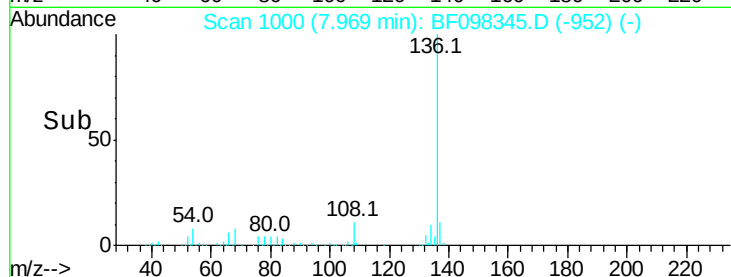
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF098345.D
Acq: 8 Sep 2017 6:28

Instrument :
BNA_F
ClientSampleId :
090617-TIDO-F-U-S

Tot Ion:136 Resp: 351606
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 7.5 4.9 7.3#
68 7.8 4.1 6.1#

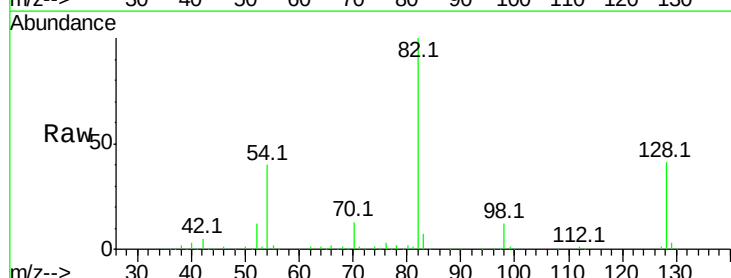


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

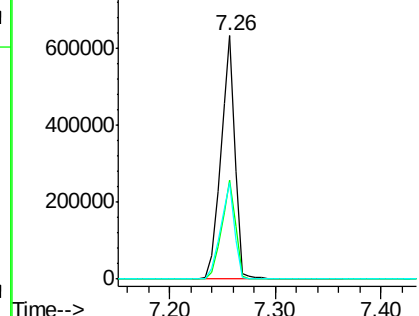
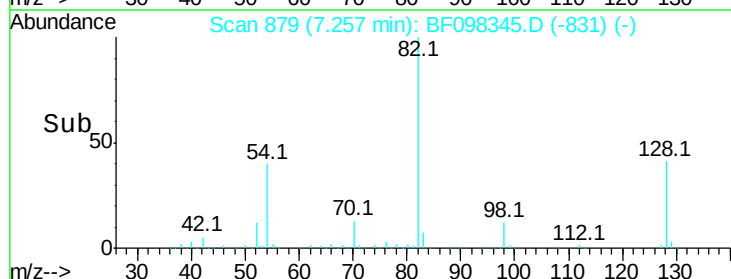


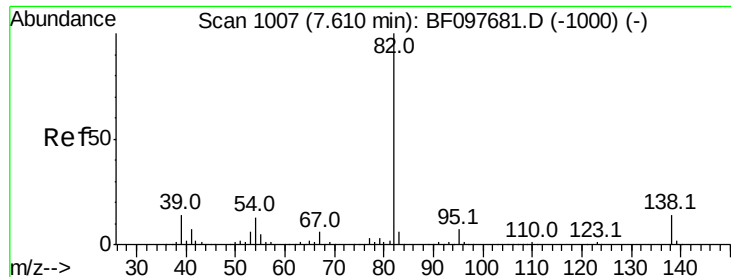
#23
Nitrobenzene-d5
Concen: 93.145 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF098345.D
Acq: 8 Sep 2017 6:28

Tgt Ion: 82 Resp: 602866
Ion Ratio Lower Upper
82 100
128 40.6 34.0 51.0
54 39.6 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: 44.795 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.28 min

Lab File: BF098345.D

Acq: 8 Sep 2017 6:28

Instrument :

BNA_F

ClientSampleId :

090617-TIDO-F-U-S

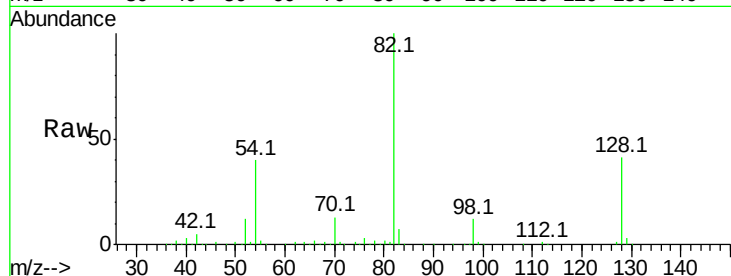
Tot Ion: 82 Resp: 602859

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

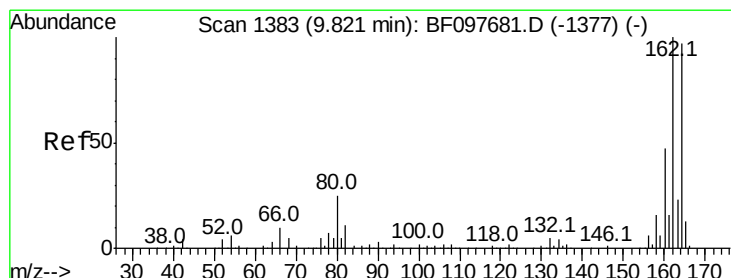
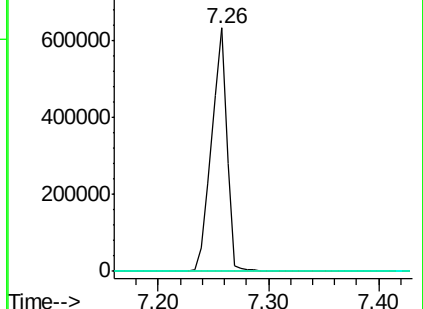
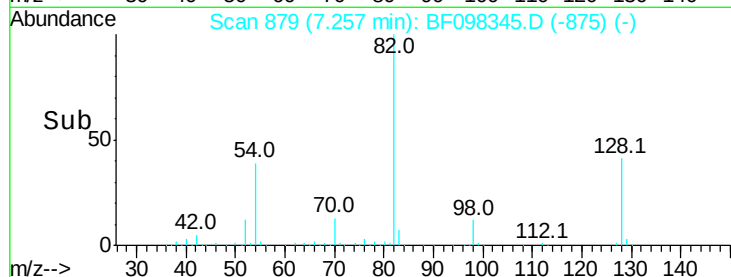
138 0.0 13.1 19.7#



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: BF098345.D

Acq: 8 Sep 2017 6:28

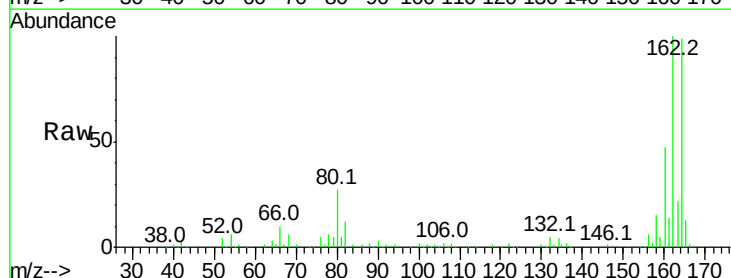
Tgt Ion: 164 Resp: 143215

Ion Ratio Lower Upper

164 100

162 100.9 82.6 123.8

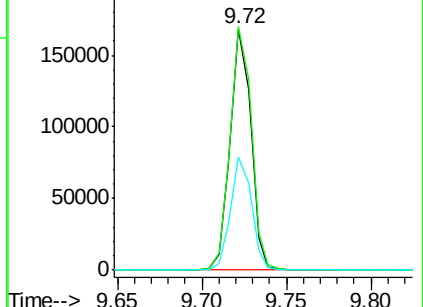
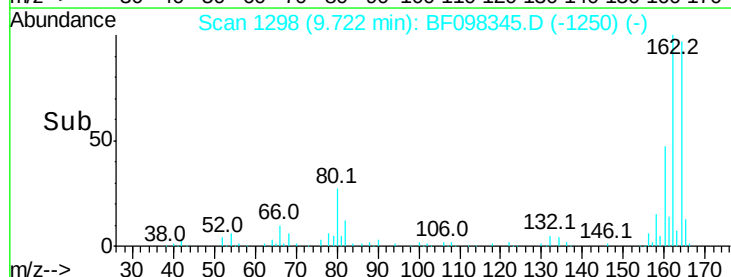
160 47.0 36.2 54.2

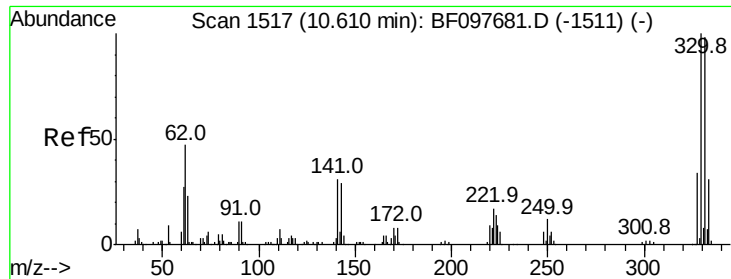


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

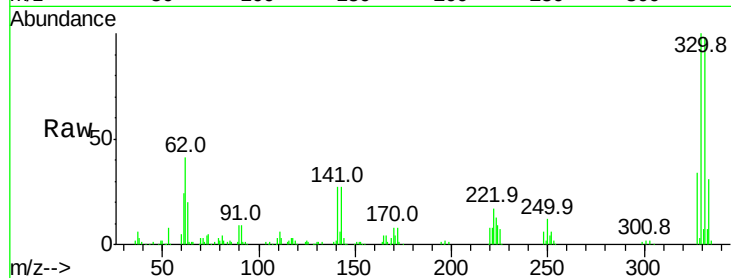




#41
 2,4,6-Tribromophenol
 Concen: 85.730 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF098345.D
 Acq: 8 Sep 2017 6:28

Instrument :
 BNA_F
 ClientSampleId :
 090617-TIDO-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	35.3	31.4	47.2

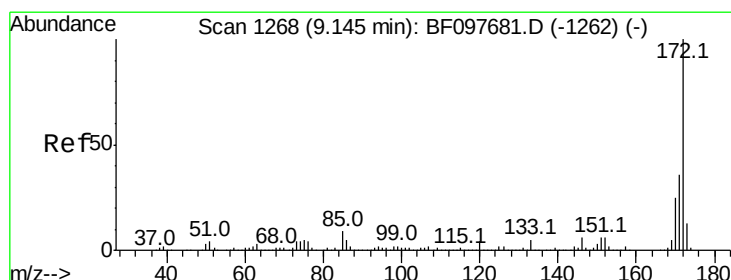
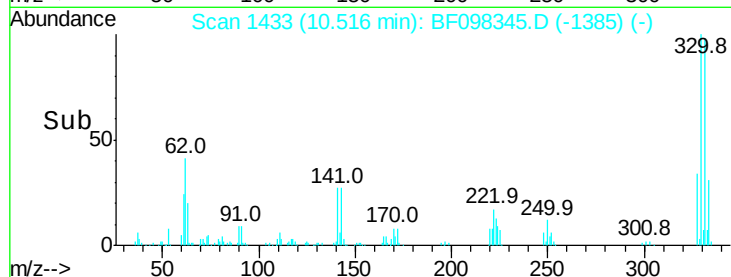
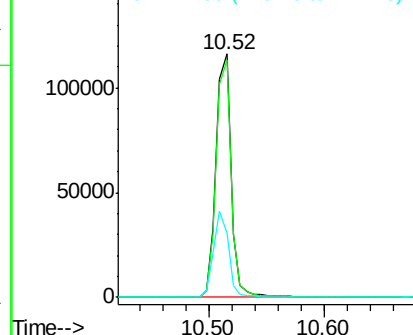


Abundance

Ion 329.80 (329.50 to 330.50): E

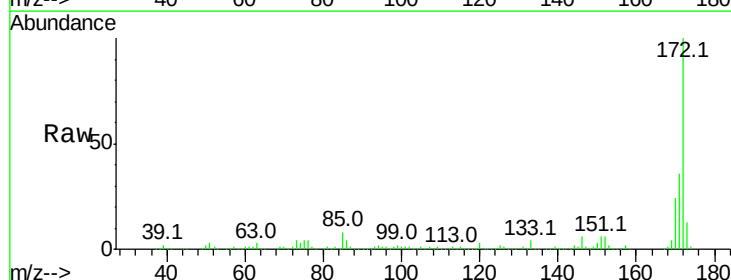
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 96.684 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF098345.D
 Acq: 8 Sep 2017 6:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	24.0	19.8	29.8

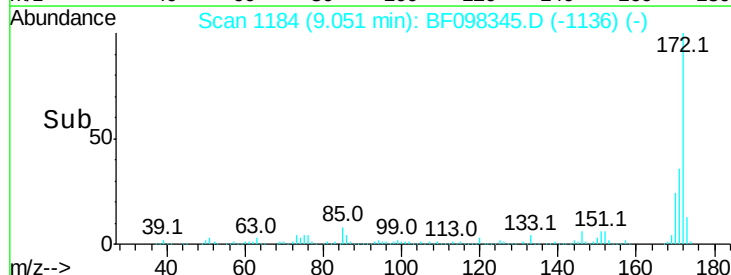
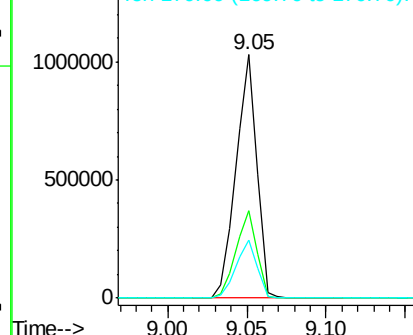


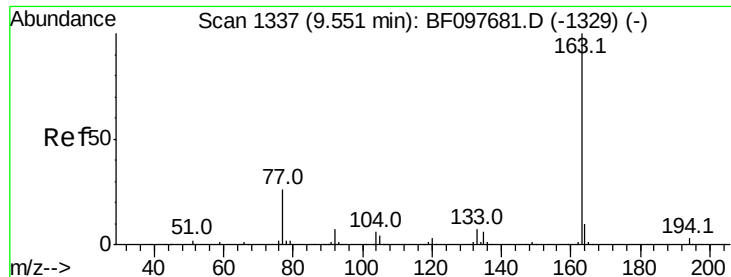
Abundance

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

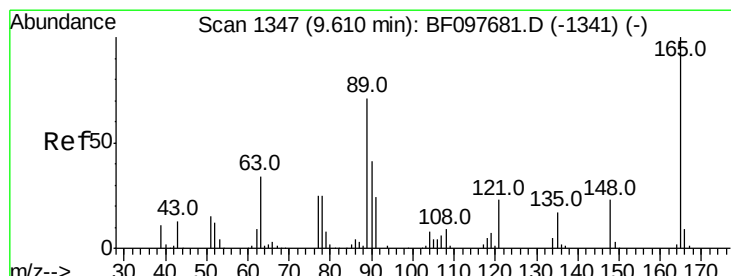
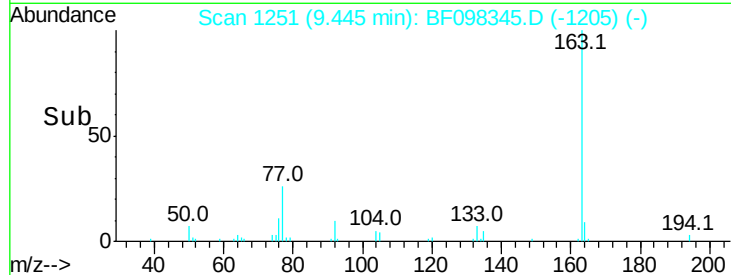
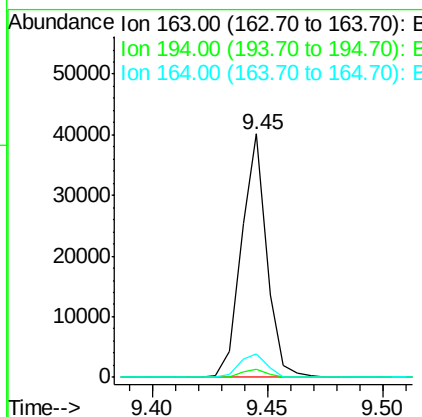
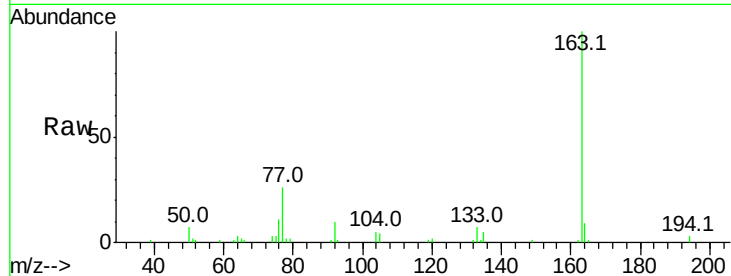




#49
Dimethylphthalate
Concen: 2.931 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF098345.D
Acq: 8 Sep 2017 6:28

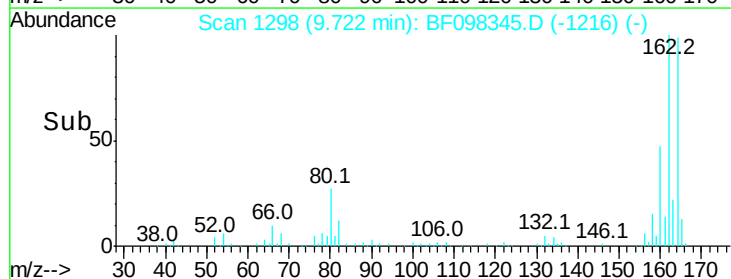
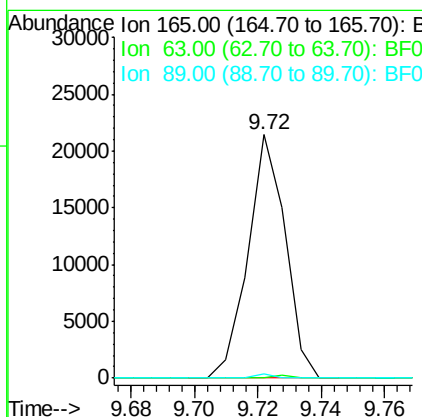
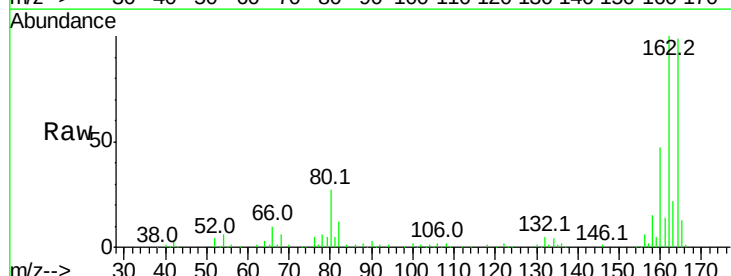
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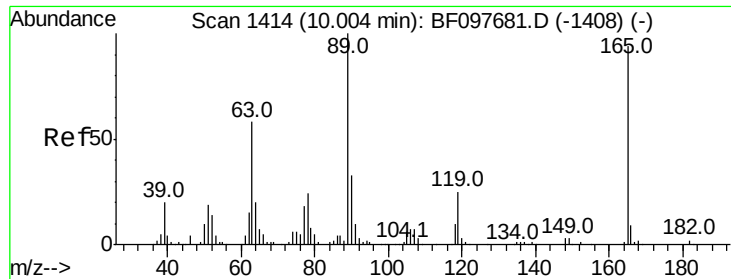
Tot Ion:163 Resp: 30679
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.4 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 8.336 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.18 min
Lab File: BF098345.D
Acq: 8 Sep 2017 6:28

Tgt Ion:165 Resp: 17420
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 1.8 37.1 55.7#

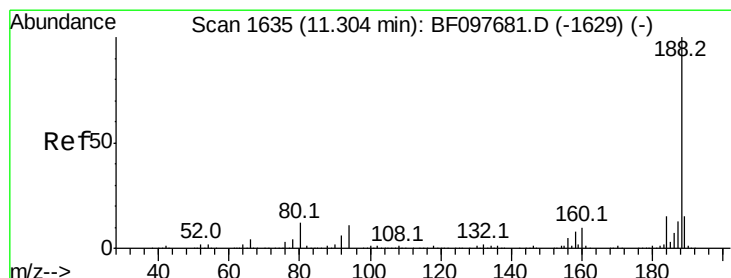
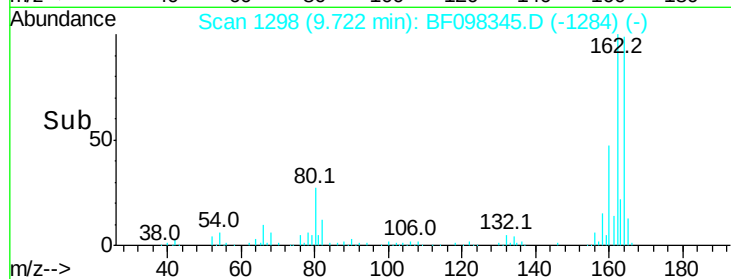
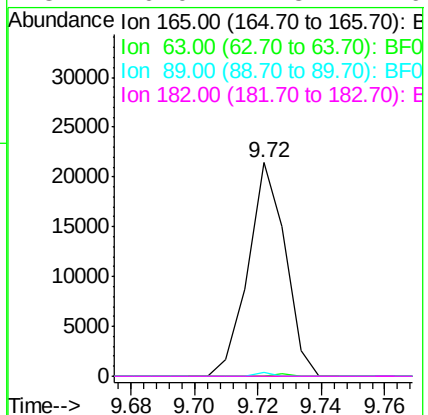
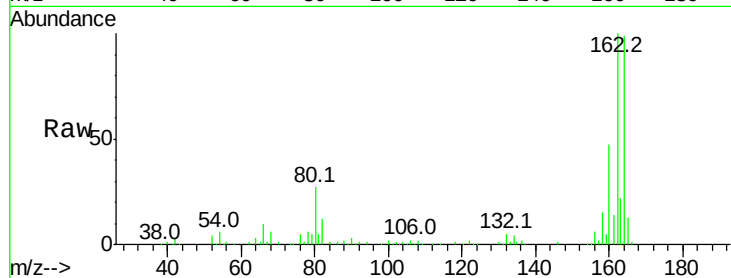




#56
 2,4-Dinitrotoluene
 Concen: 6.643 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.22 min
 Lab File: BF098345.D
 Acq: 8 Sep 2017 6:28

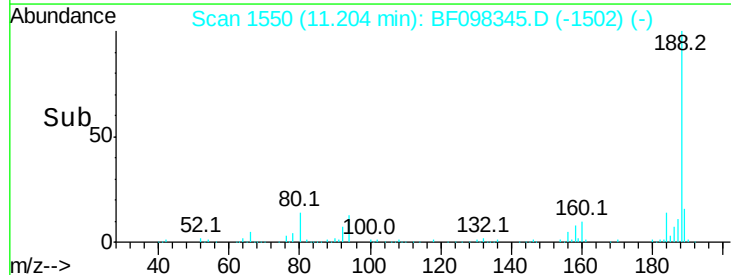
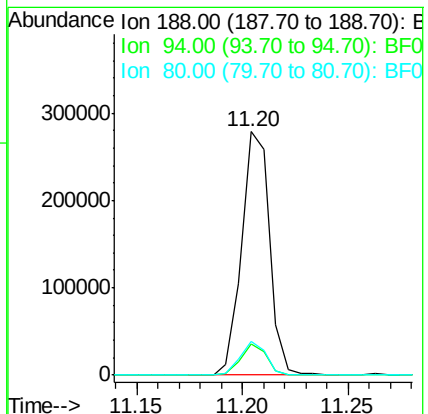
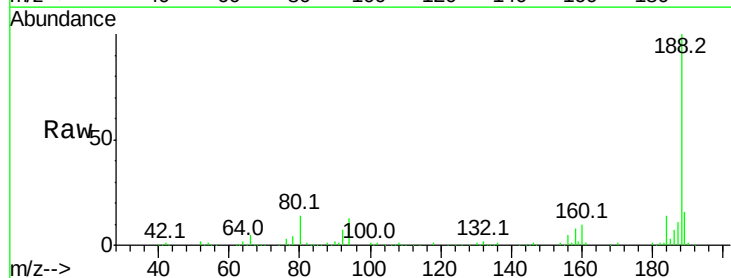
Instrument :
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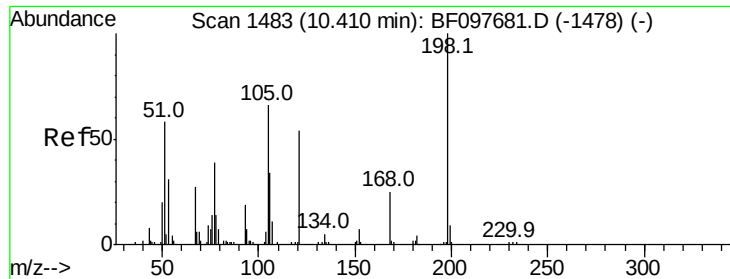
Tot Ion:165 Resp: 17420
 Ion Ratio Lower Upper
 165 100
 63 0.0 25.4 38.0#
 89 1.8 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.02 min
 Lab File: BF098345.D
 Acq: 8 Sep 2017 6:28

Tgt Ion:188 Resp: 255562
 Ion Ratio Lower Upper
 188 100
 94 12.9 9.4 14.2
 80 13.8 10.2 15.2





#64

4,6-Dinitro-2-methylphenol

Concen: 8.409 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.16 min

Lab File: BF098345.D

Acq: 8 Sep 2017 6:28

Instrument :

BNA_F

ClientSampleId :

090617-TIDO-F-U-S

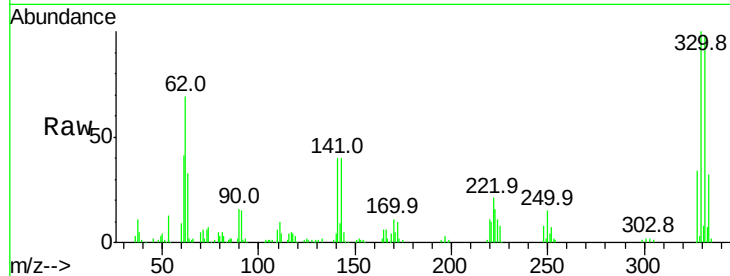
Tot Ion:198 Resp: 128

Ion Ratio Lower Upper

198 100

51 160.9 53.2 93.2#

105 173.8 45.8 85.8#

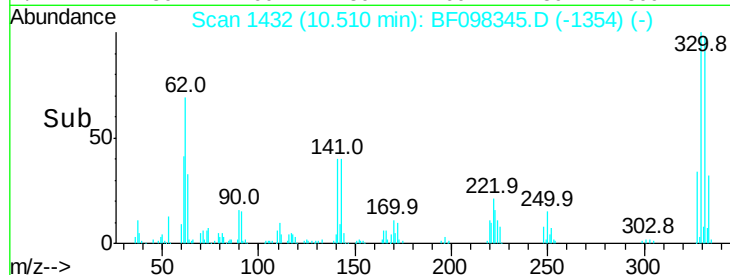


Abundance Ion 198.00 (197.70 to 198.70): E

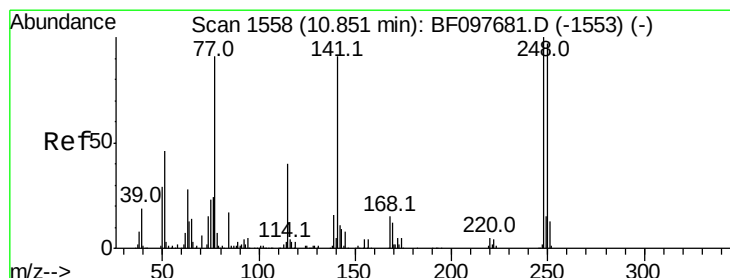
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

Time-->



Time-->



#66

4-Bromophenyl-phenylether

Concen: 2.595 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.26 min

Lab File: BF098345.D

Acq: 8 Sep 2017 6:28

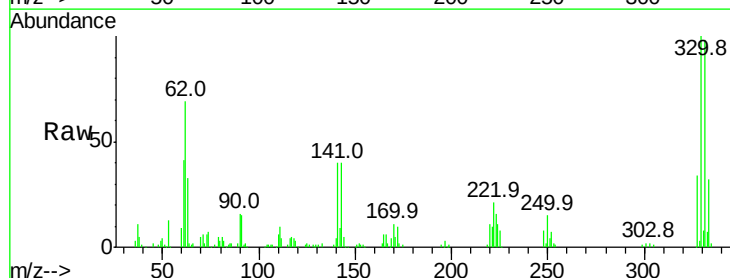
Tgt Ion:248 Resp: 6888

Ion Ratio Lower Upper

248 100

250 196.8 76.8 115.2#

141 526.8 68.6 103.0#

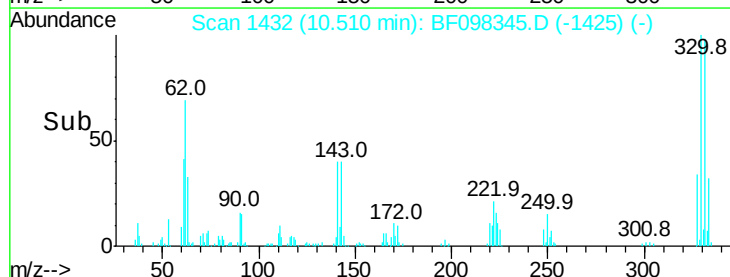


Abundance Ion 248.00 (247.70 to 248.70): E

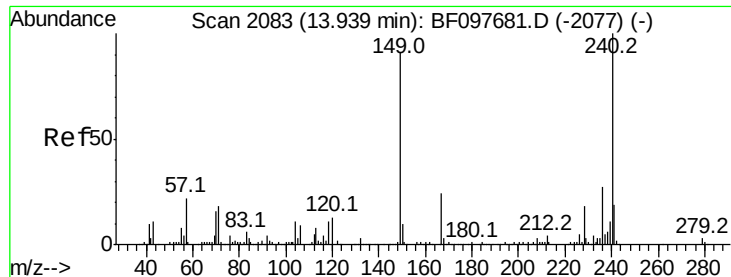
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF098345.D

Acq: 8 Sep 2017 6:28

Instrument :

BNA_F

ClientSampleId :

090617-TIDO-F-U-S

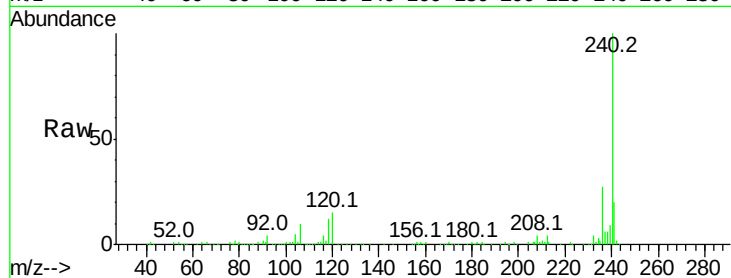
Tot Ion:240 Resp: 221280

Ion Ratio Lower Upper

240 100

120 14.8 5.8 8.8#

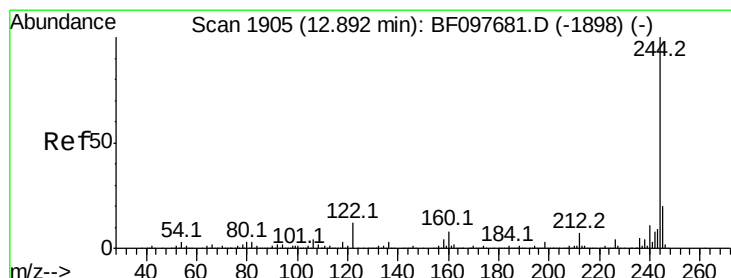
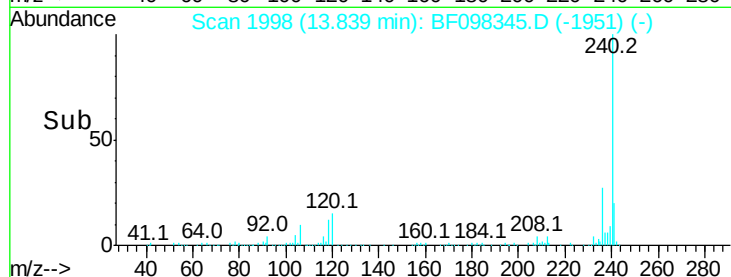
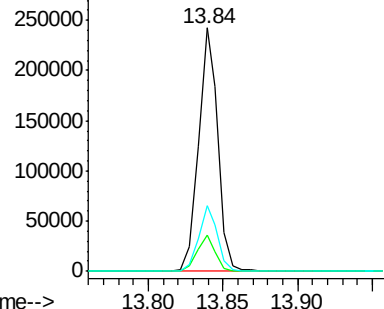
236 26.7 20.5 30.7



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: 71.206 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.02 min

Lab File: BF098345.D

Acq: 8 Sep 2017 6:28

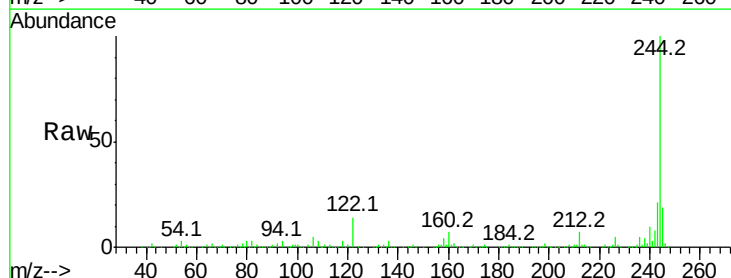
Tgt Ion:244 Resp: 755585

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

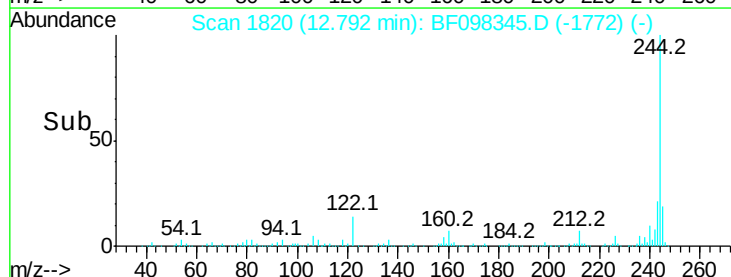
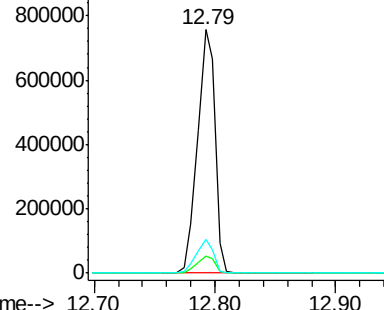
122 13.7 10.3 15.5

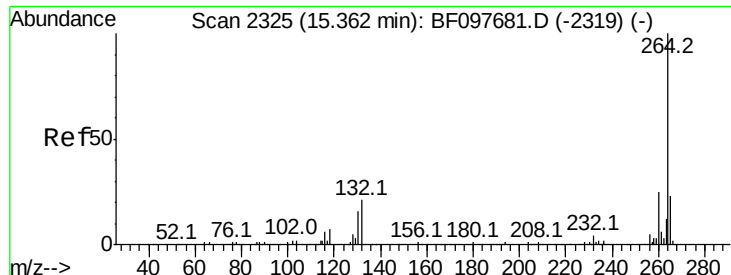


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

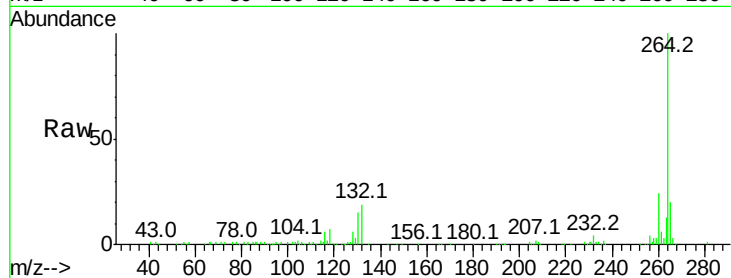




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF098345.D
Acq: 8 Sep 2017 6:28

Instrument :
BNA_F
ClientSampleId :
090617-TIDO-F-U-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	19.8	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

