

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090717\
 Data File : BF098344.D
 Acq On : 8 Sep 2017 6:01
 Operator : SJ/JU
 Sample : I5132-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

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

Quant Time: Sep 08 07:04:24 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

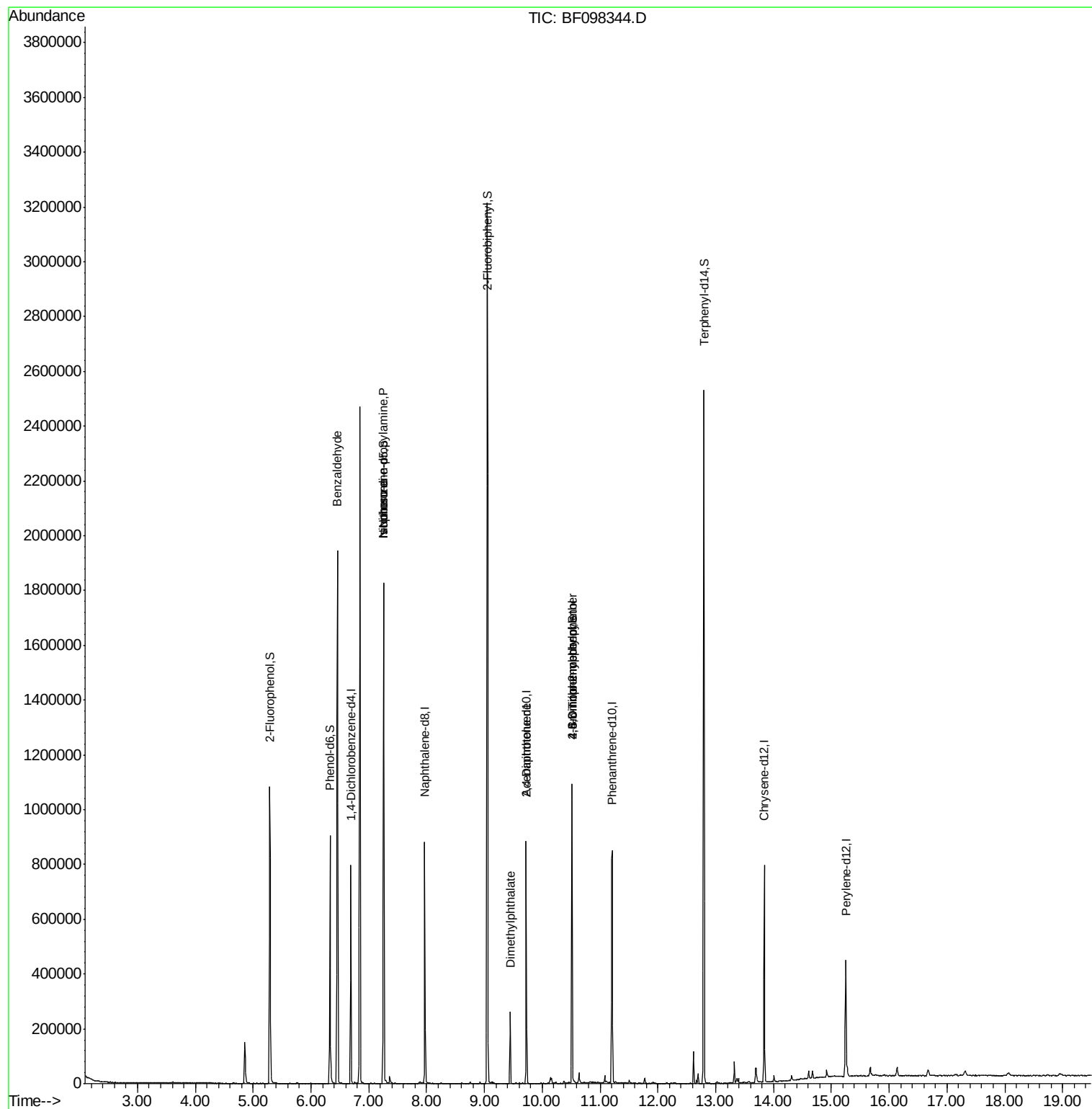
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	106528	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	399871	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	168918	20.00	ng	-0.02
63) Phenanthrene-d10	11.21	188	312576	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	255721	20.00	ng	-0.02
86) Perylene-d12	15.25	264	173713	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	306841	43.81	ng	-0.02
7) Phenol-d6	6.33	99	286630	30.12	ng	-0.02
23) Nitrobenzene-d5	7.26	82	704251	95.68	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	133864	91.33	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	1075045	93.50	ng	-0.02
78) Terphenyl-d14	12.80	244	849457	69.27	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.46	77	12281	2.038	ng	# 70
19) n-Nitroso-di-n-propylamine	7.26	70	91425	14.035	ng	# 70
25) Isophorone	7.26	82	704242	46.012	ng	# 67
49) Dimethylphthalate	9.45	163	90266	7.311	ng	# 99
56) 2,4-Dinitrotoluene	9.72	165	20705	6.694	ng	# 32
64) 4,6-Dinitro-2-methylphenol	10.51	198	144	8.402	ng	# 2
66) 4-Bromophenyl-phenylether	10.52	248	8480	2.613	ng	# 1

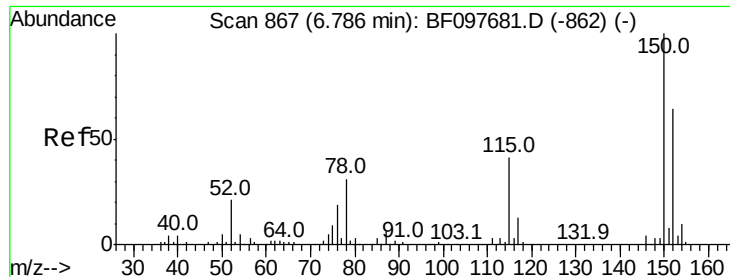
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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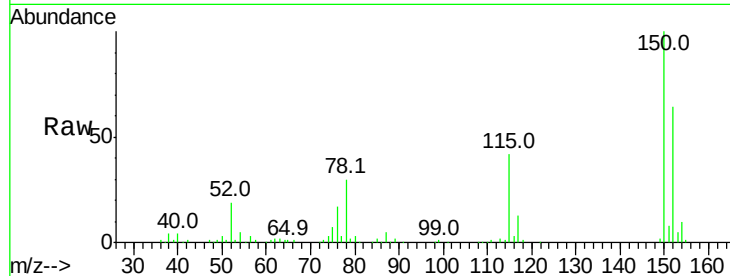


#1

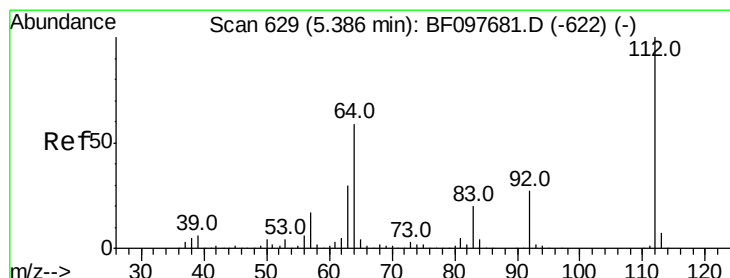
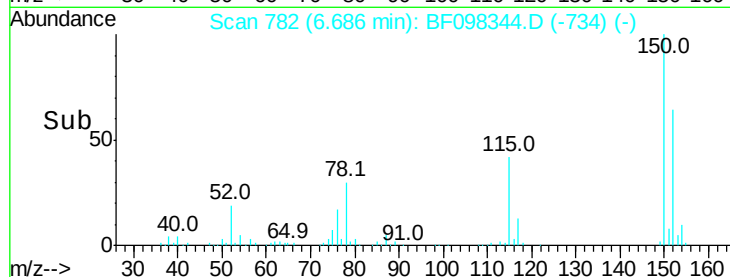
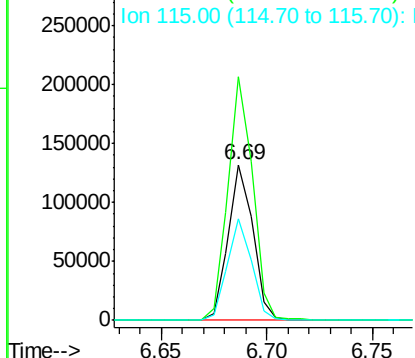
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF098344.D
Acq: 8 Sep 2017 6:01

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

Tot Ion:152 Resp: 106528
Ion Ratio Lower Upper
152 100
150 156.7 126.2 189.2
115 65.3 52.2 78.2



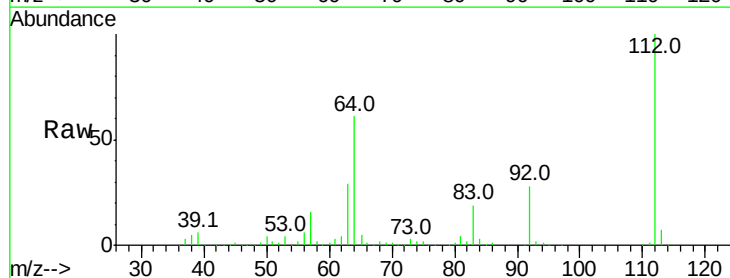
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



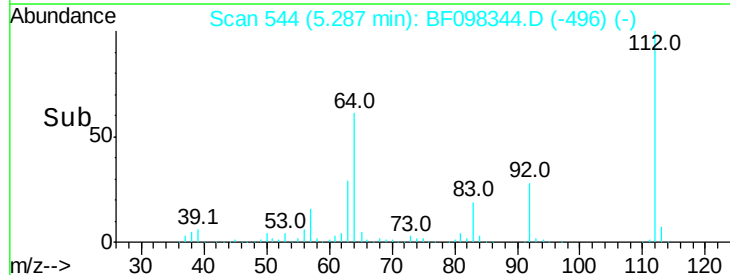
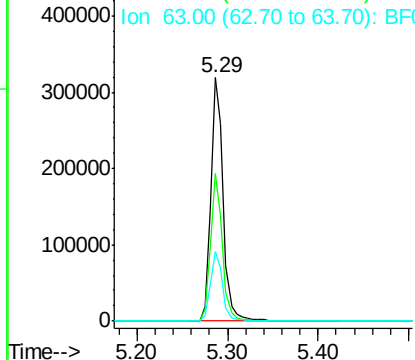
#5

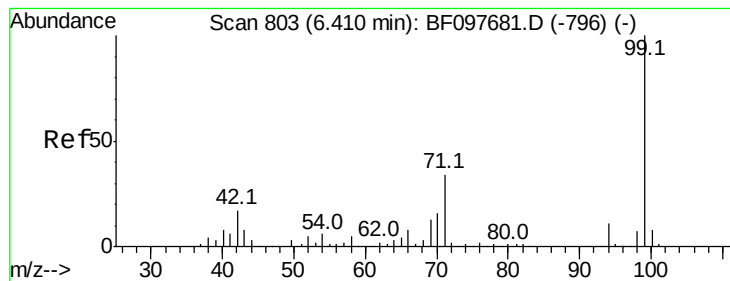
2-Fluorophenol
Concen: 43.813 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF098344.D
Acq: 8 Sep 2017 6:01

Tgt Ion:112 Resp: 306841
Ion Ratio Lower Upper
112 100
64 60.8 46.0 69.0
63 28.8 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: 30.122 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF098344.D

Acq: 8 Sep 2017 6:01

Instrument :

BNA_F

ClientSampleId :

090617-TIDO-F-U-B

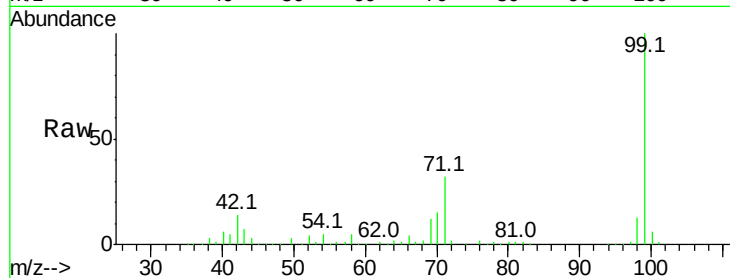
Tot Ion: 99 Resp: 286630

Ion Ratio Lower Upper

99 100

42 14.4 13.5 20.3

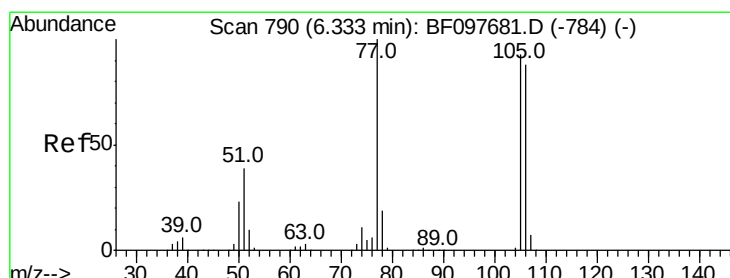
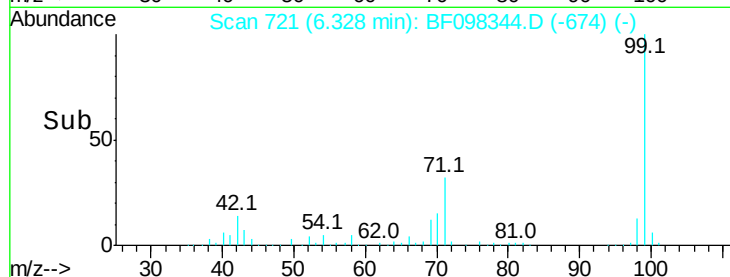
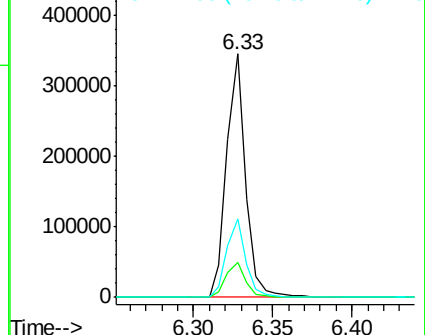
71 32.4 24.5 36.7



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



#9

Benzaldehyde

Concen: 2.038 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.21 min

Lab File: BF098344.D

Acq: 8 Sep 2017 6:01

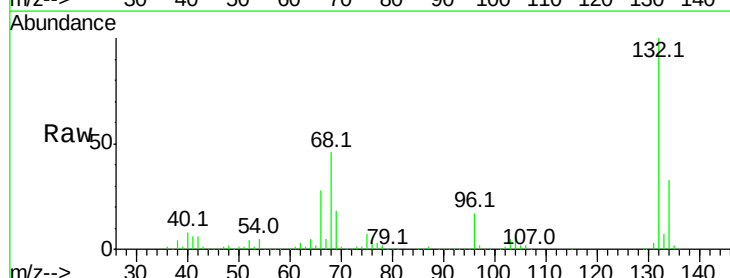
Tgt Ion: 77 Resp: 12281

Ion Ratio Lower Upper

77 100

105 71.9 83.8 123.8#

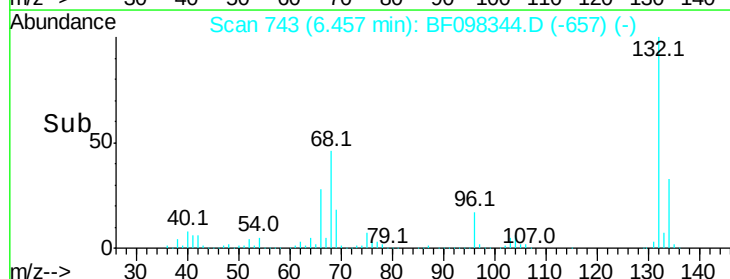
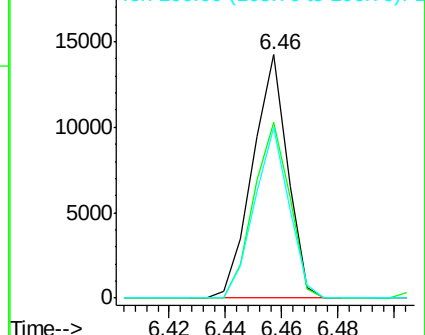
106 70.1 79.1 119.1#

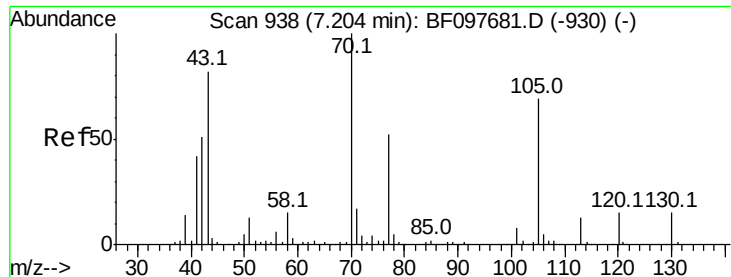


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

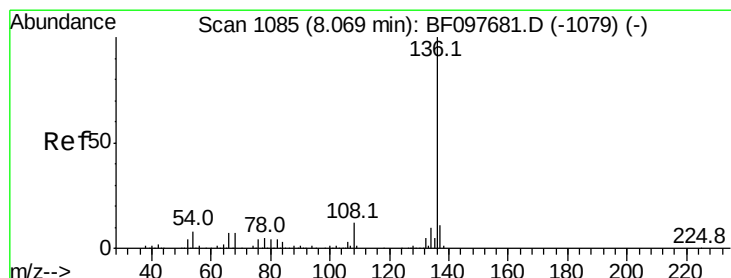
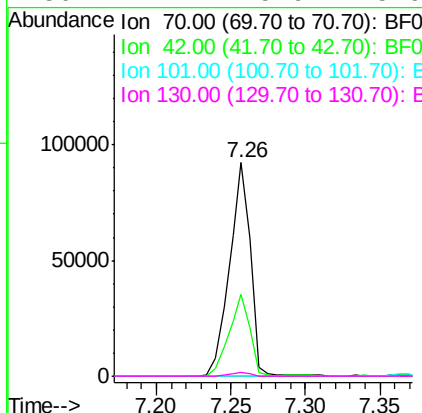
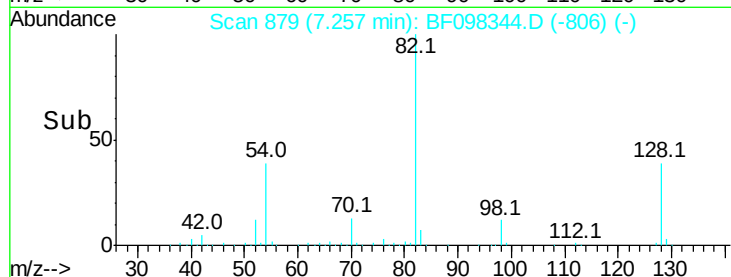
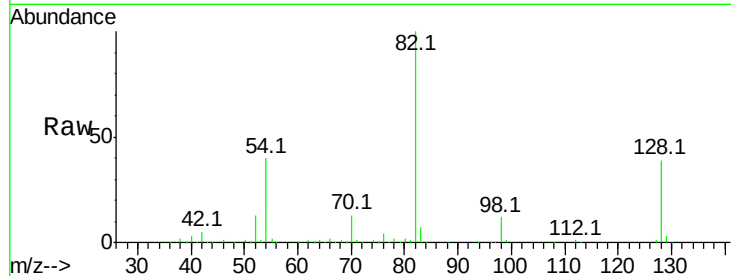




#19
n-Nitroso-di-n-propylamine
Concen: 14.035 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.13 min
Lab File: BF098344.D
Acq: 8 Sep 2017 6:01

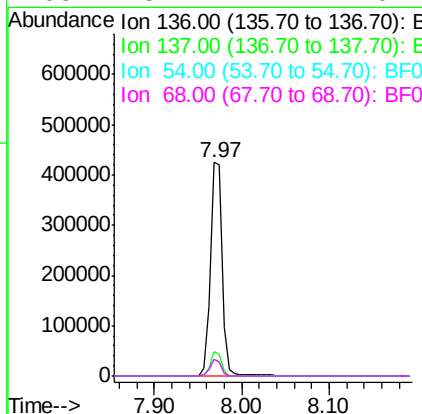
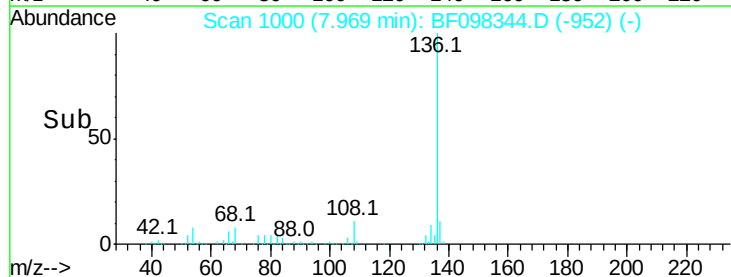
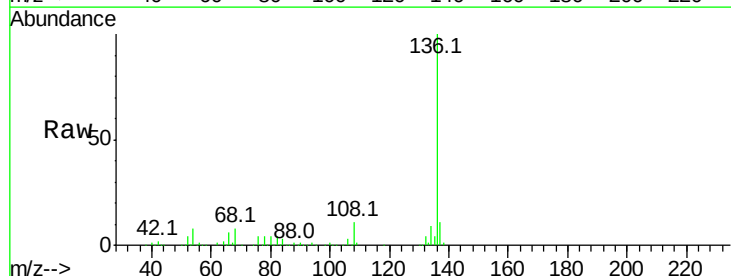
Instrument :
BNA_F
ClientSampleId :
090617-TIDO-F-U-B

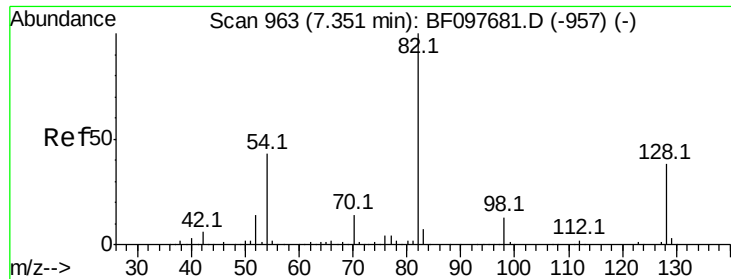
Tot Ion:	70	Resp:	91425
Ion	Ratio	Lower	Upper
70	100		
42	38.1	47.2	70.8#
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF098344.D
Acq: 8 Sep 2017 6:01

Tgt Ion:	136	Resp:	399871
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.8	4.9	7.3#
68	8.1	4.1	6.1#

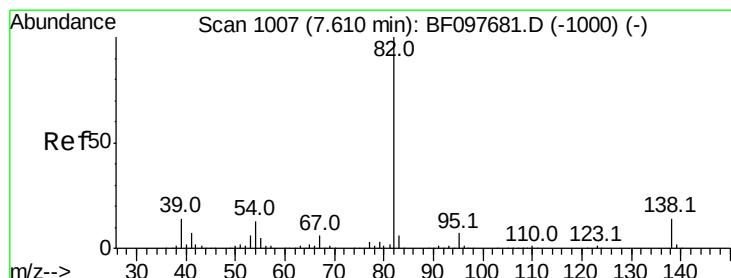
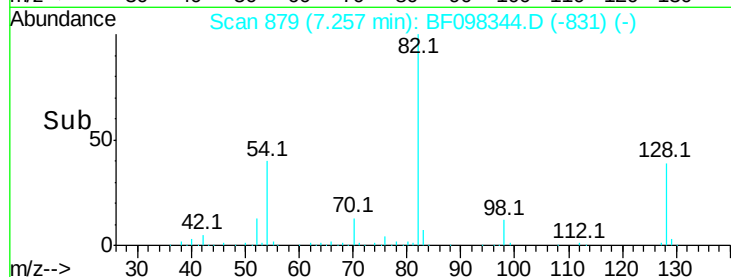
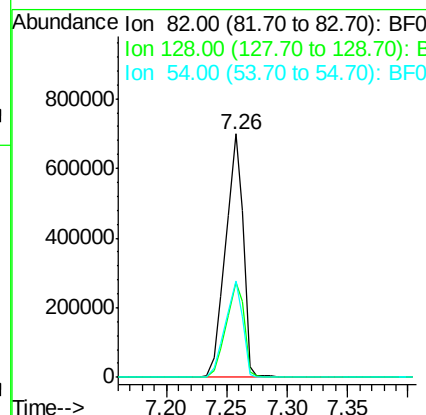
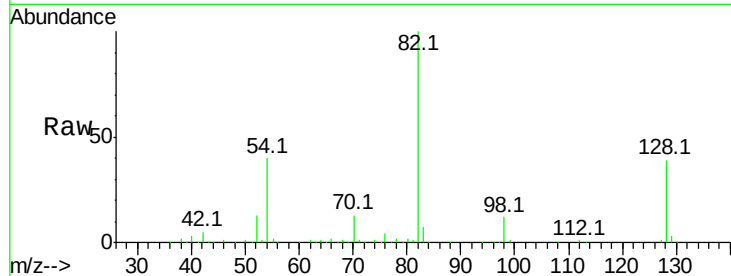




#23
 Nitrobenzene-d5
 Concen: 95.676 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BF098344.D
 Acq: 8 Sep 2017 6:01

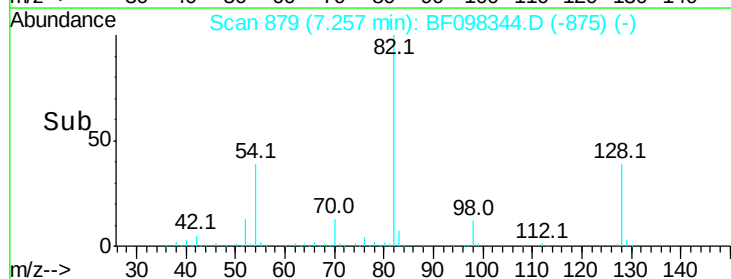
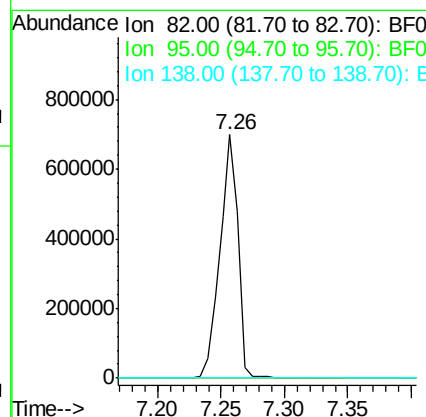
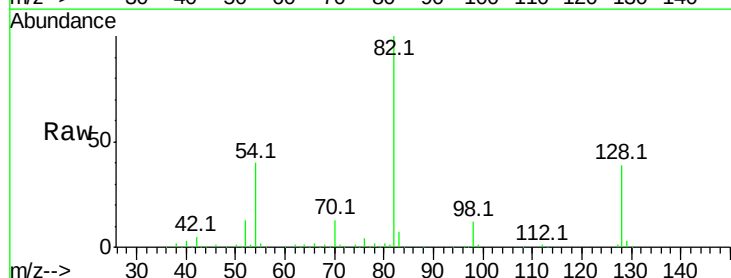
Instrument :
 BNA_F
 ClientSampleId :
 090617-TIDO-F-U-B

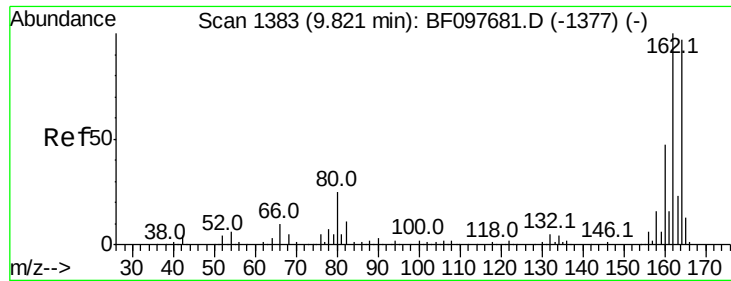
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.3	34.0	51.0
54	39.5	42.2	63.2#



#25
 Isophorone
 Concen: 46.012 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.28 min
 Lab File: BF098344.D
 Acq: 8 Sep 2017 6:01

Tgt 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: BF098344.D

Acq: 8 Sep 2017 6:01

Instrument :

BNA_F

ClientSampleId :

090617-TIDO-F-U-B

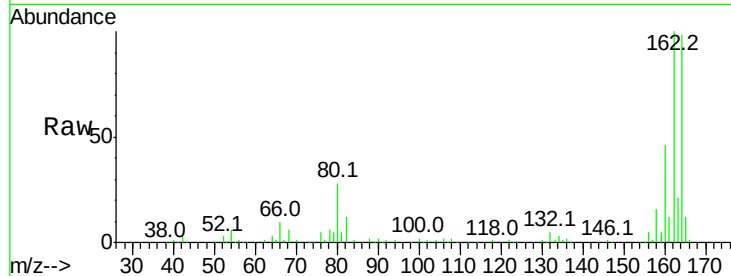
Tot Ion:164 Resp: 168918

Ion Ratio Lower Upper

164 100

162 101.7 82.6 123.8

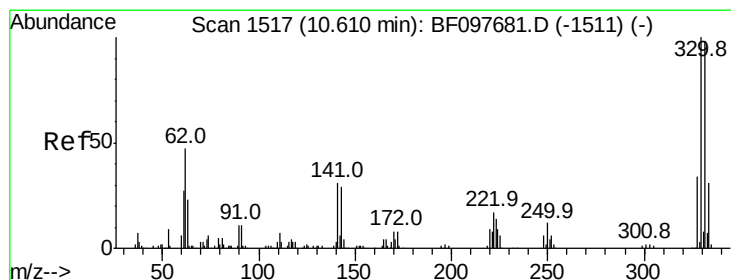
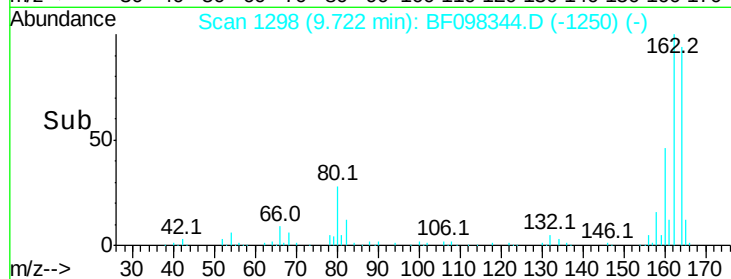
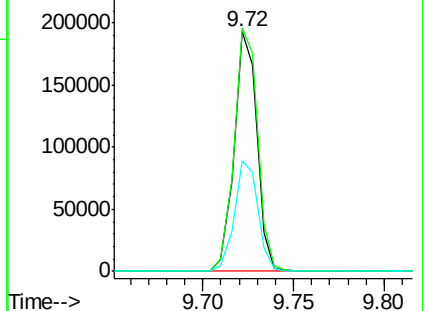
160 46.4 36.2 54.2



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: 91.335 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.02 min

Lab File: BF098344.D

Acq: 8 Sep 2017 6:01

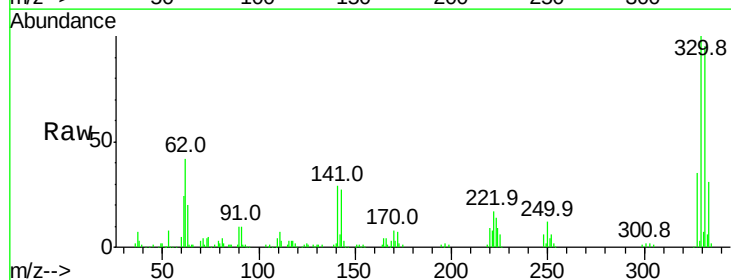
Tgt Ion:330 Resp: 133864

Ion Ratio Lower Upper

330 100

332 94.4 76.6 115.0

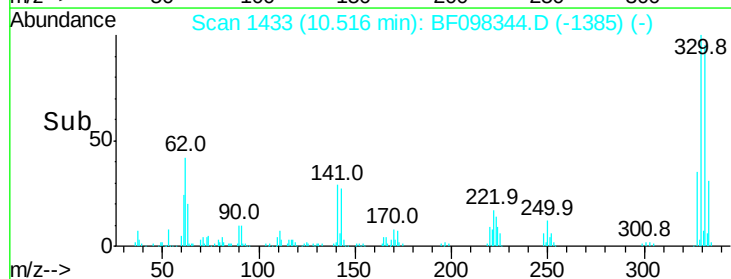
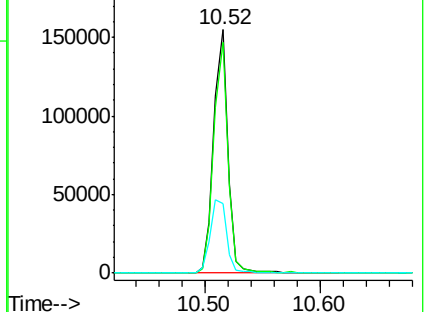
141 34.7 31.4 47.2

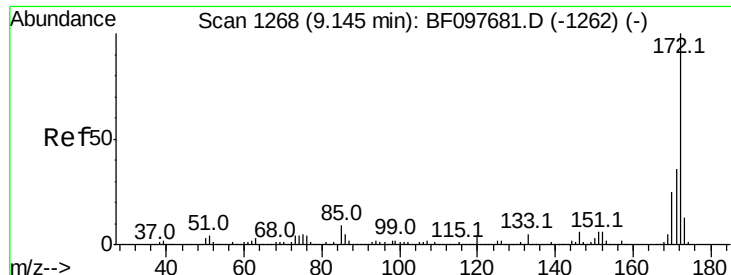


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

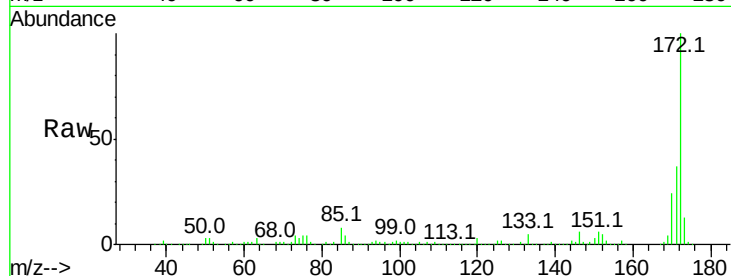




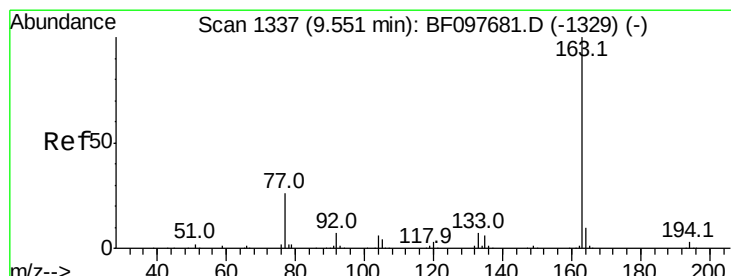
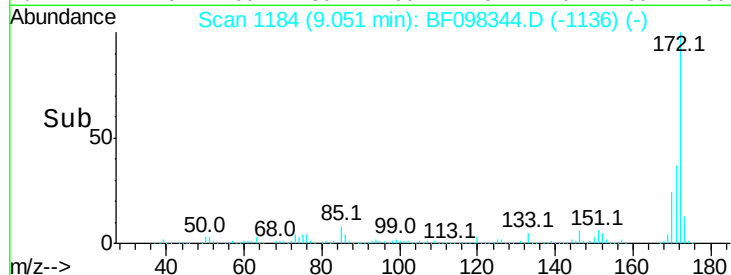
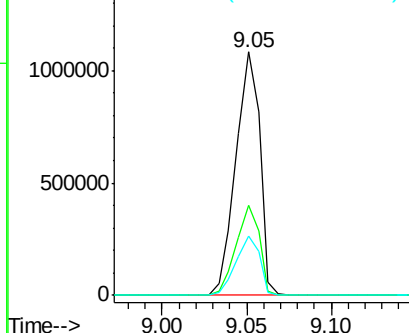
#44
2-Fluorobiphenyl
Concen: 93.505 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF098344.D
Acq: 8 Sep 2017 6:01

Instrument :
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090617-TIDO-F-U-B

Tot Ion:172 Resp: 1075045
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.4 19.8 29.8

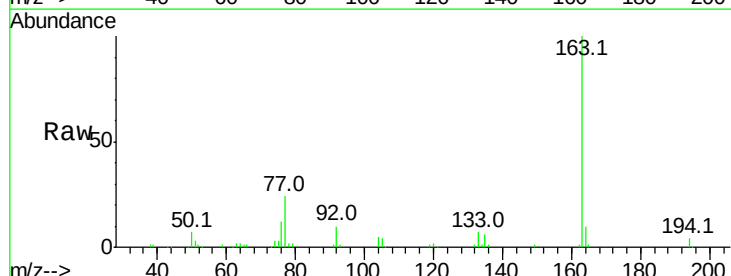


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

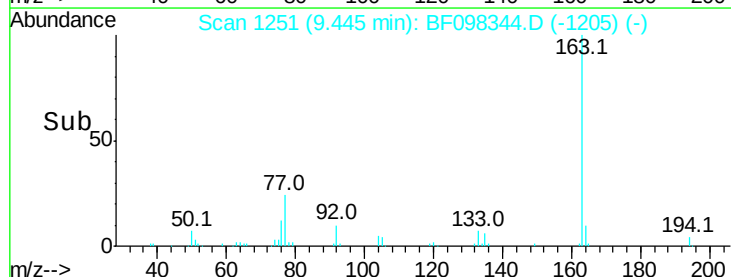
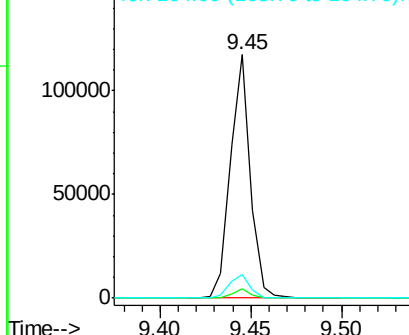


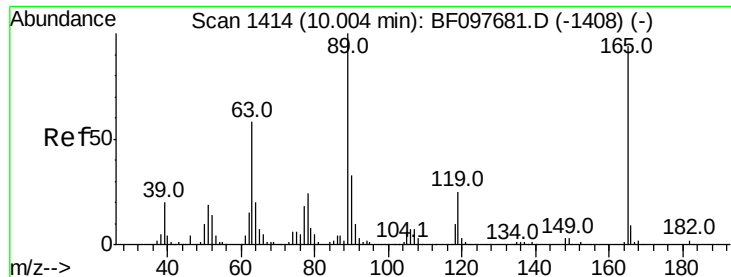
#49
Dimethylphthalate
Concen: 7.311 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF098344.D
Acq: 8 Sep 2017 6:01

Tgt Ion:163 Resp: 90266
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.9 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

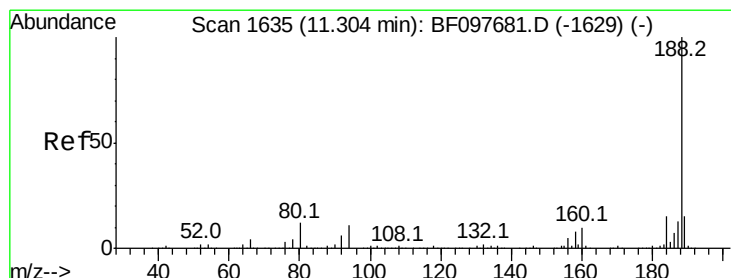
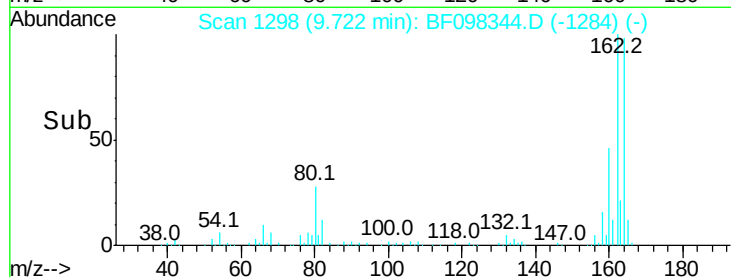
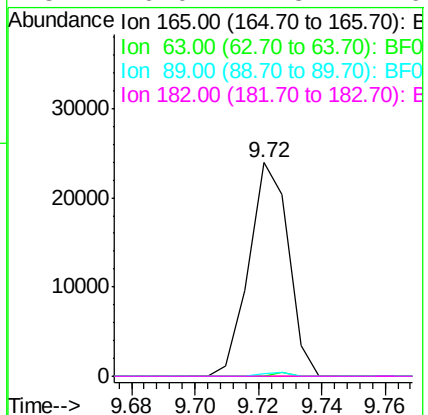
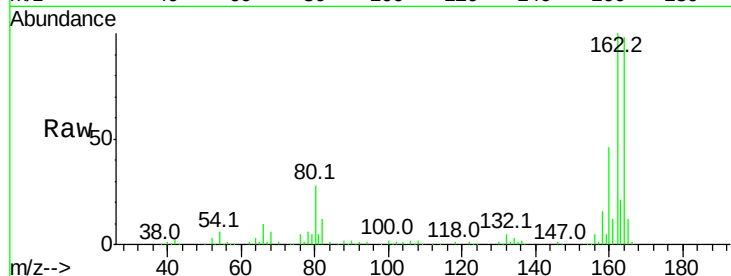




#56
 2,4-Dinitrotoluene
 Concen: 6.694 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.22 min
 Lab File: BF098344.D
 Acq: 8 Sep 2017 6:01

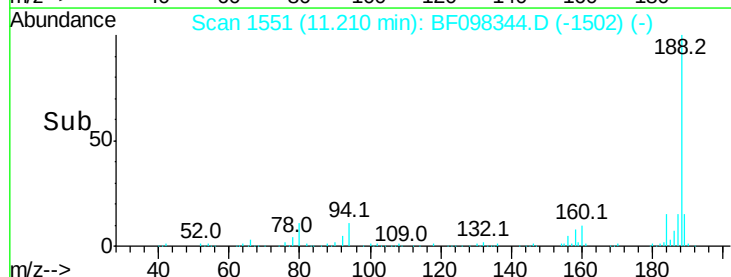
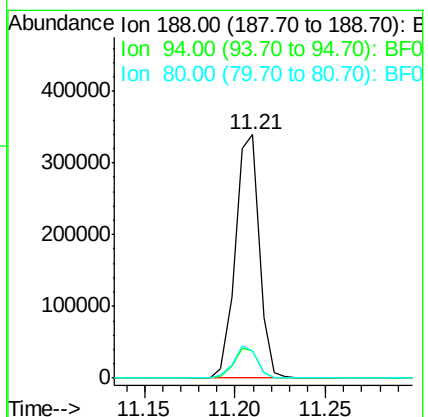
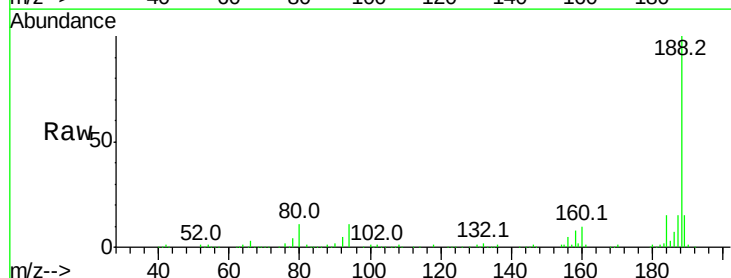
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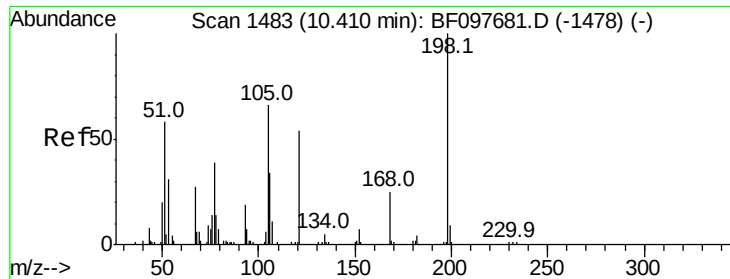
Tot Ion:	165	Resp:	20705
Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF098344.D
 Acq: 8 Sep 2017 6:01

Tgt Ion:	188	Resp:	312576
Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	11.2	10.2	15.2

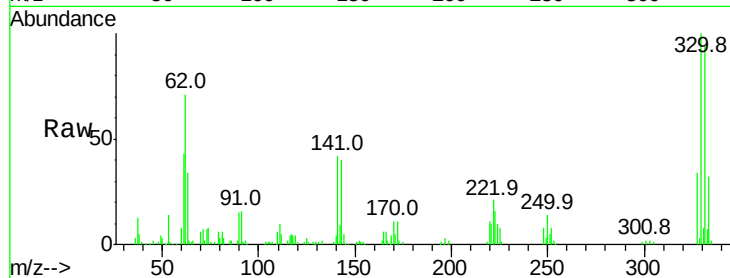




#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.402 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.16 min
 Lab File: BF098344.D
 Acq: 8 Sep 2017 6:01

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

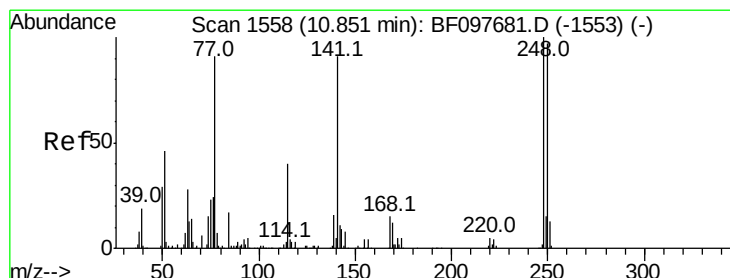
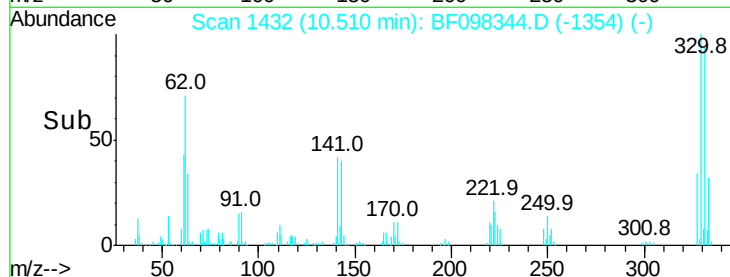
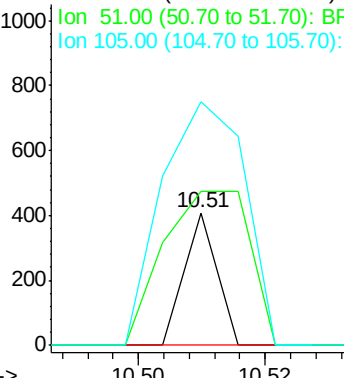
Tot Ion	Ratio	Lower	Upper
198	100		
51	116.2	53.2	93.2#
105	184.3	45.8	85.8#



Abundance Ion 198.00 (197.70 to 198.70): E

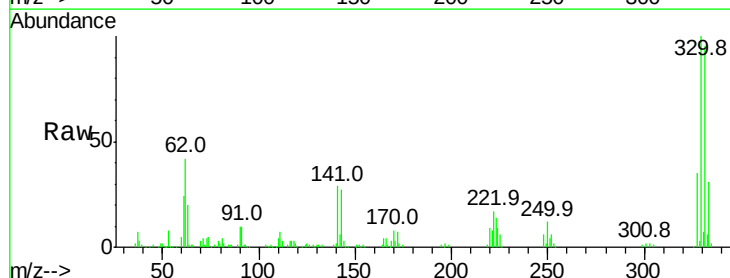
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 2.613 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.25 min
 Lab File: BF098344.D
 Acq: 8 Sep 2017 6:01

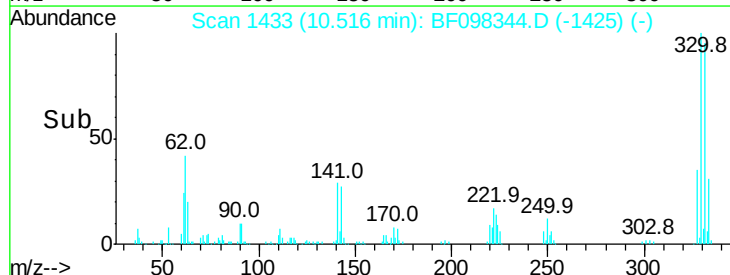
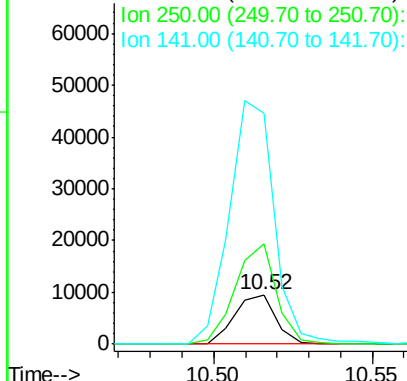
Tgt Ion	Ratio	Lower	Upper
248	100		
250	203.7	76.8	115.2#
141	468.2	68.6	103.0#

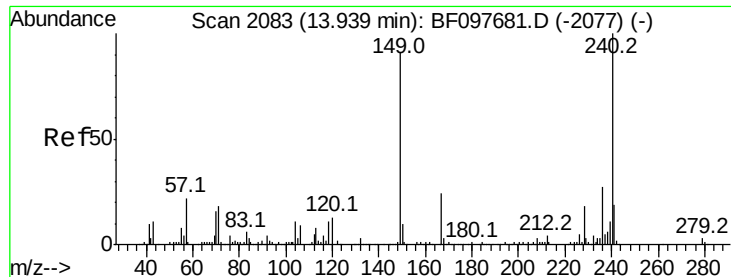


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF098344.D

Acq: 8 Sep 2017 6:01

Instrument :

BNA_F

ClientSampleId :

090617-TIDO-F-U-B

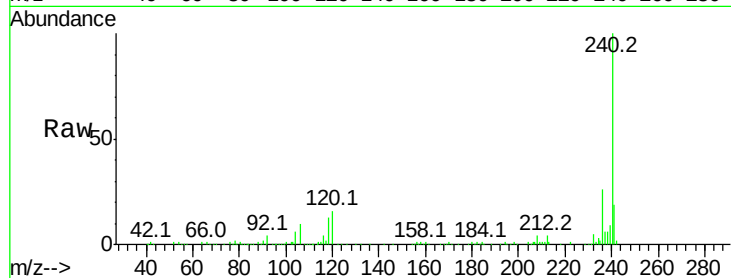
Tot Ion:240 Resp: 255721

Ion Ratio Lower Upper

240 100

120 15.7 5.8 8.8#

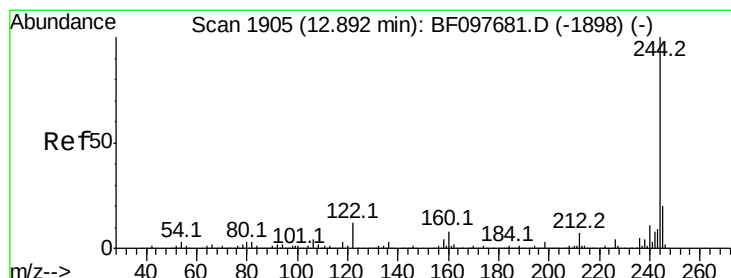
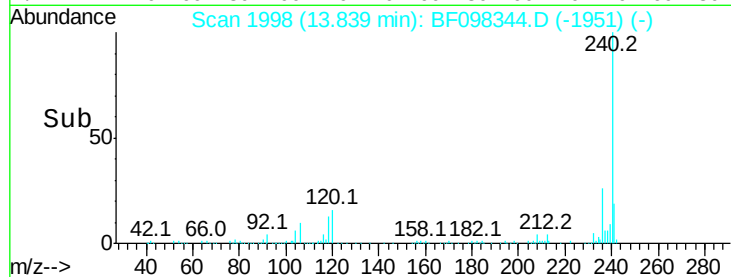
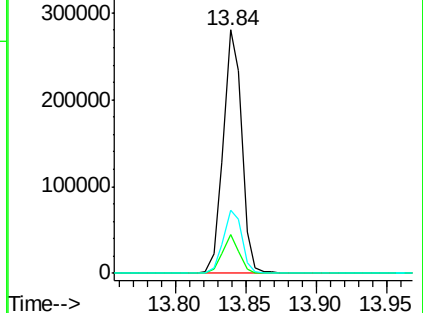
236 26.1 20.5 30.7



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: 69.271 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF098344.D

Acq: 8 Sep 2017 6:01

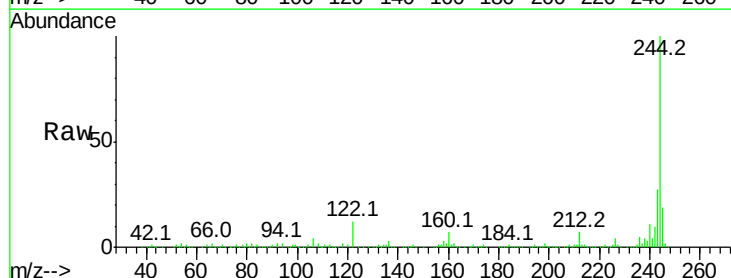
Tgt Ion:244 Resp: 849457

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

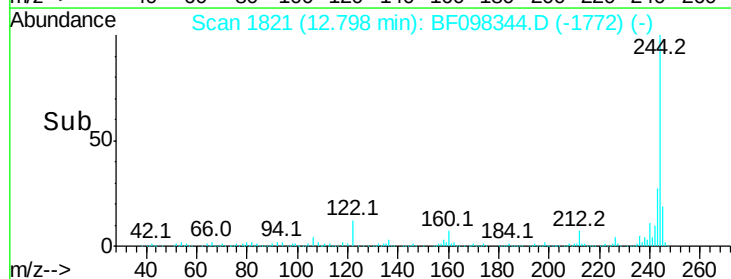
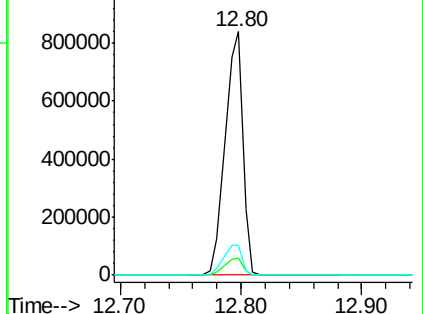
122 12.2 10.3 15.5

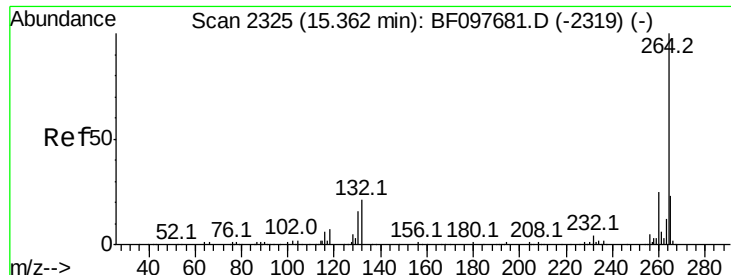


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

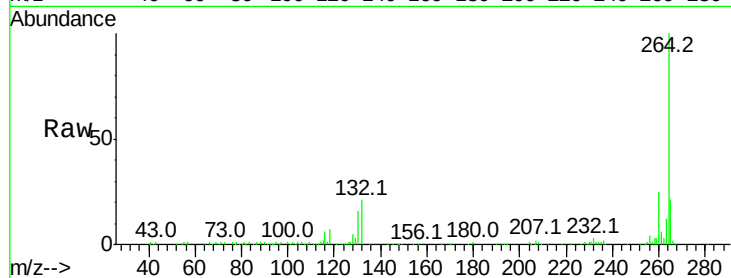




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: BF098344.D
 Acq: 8 Sep 2017 6:01

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	20.7	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

