

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 07:13:14 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

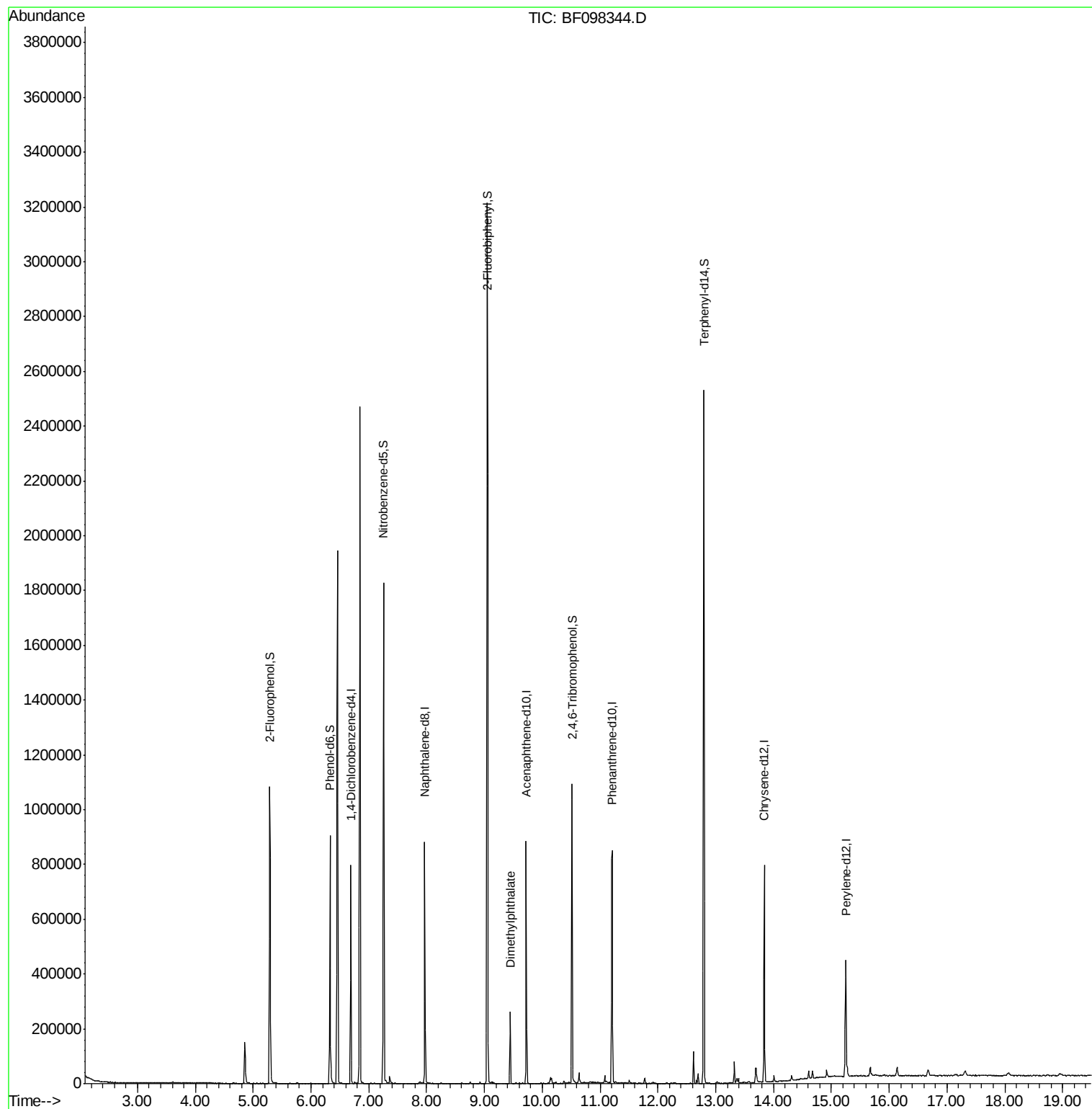
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	106528	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	399871	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	168918	20.00	ng	-0.02
63) Phenanthrene-d10	11.21	188	312576	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	255721	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						Qvalue
49) Dimethylphthalate	9.45	163	90266	7.311	ng	99

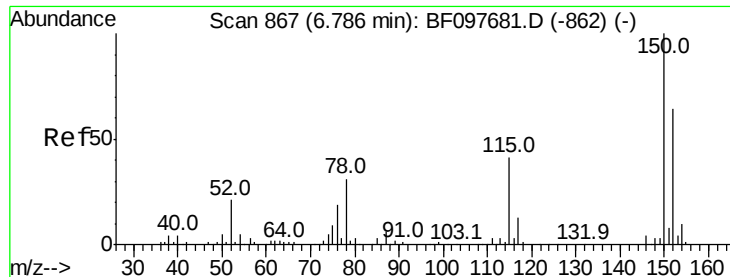
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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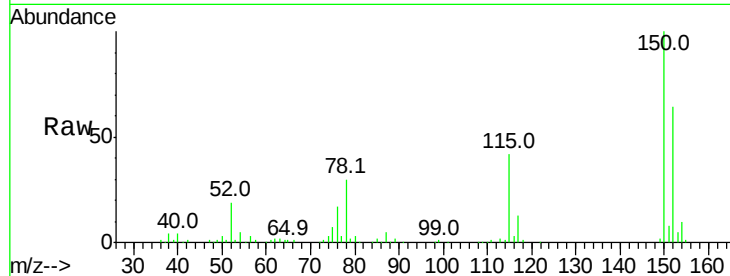


#1

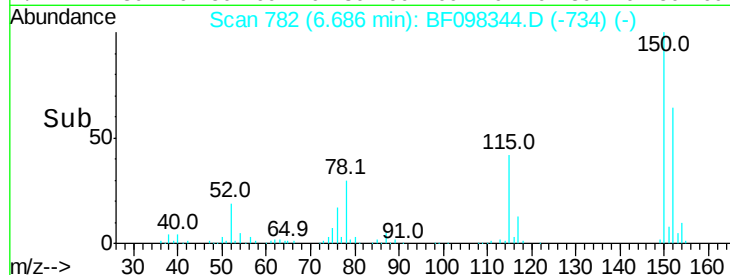
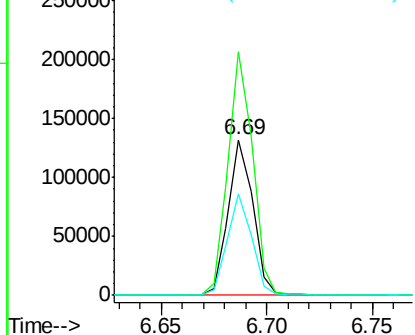
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF098344.D
Acq: 8 Sep 2017 6:01

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



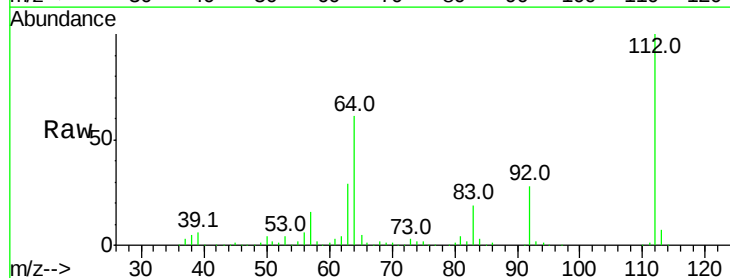
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



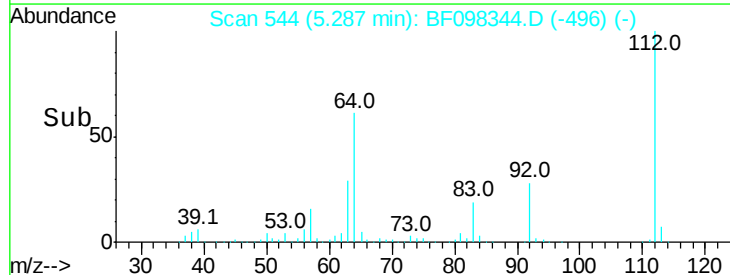
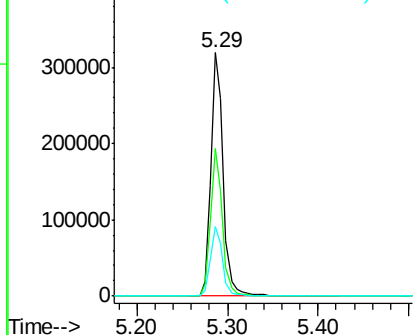
#5

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

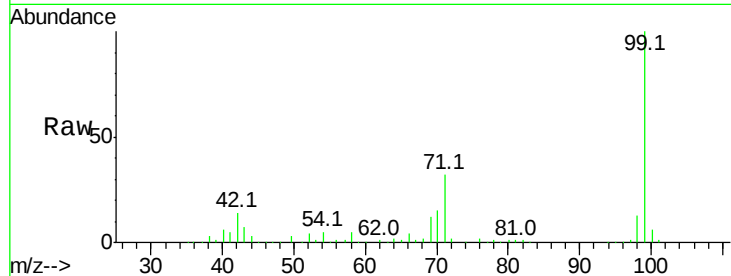
Tot Ion: 99 Resp: 286630

Ion Ratio Lower Upper

99 100

42 14.4 13.5 20.3

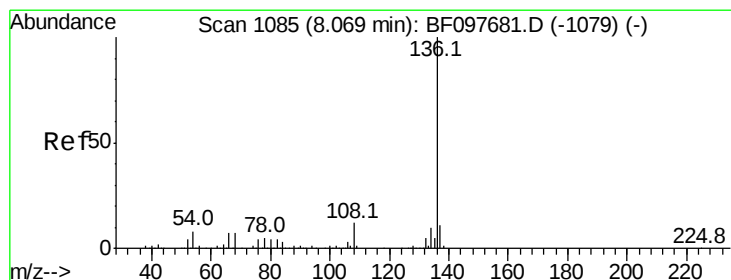
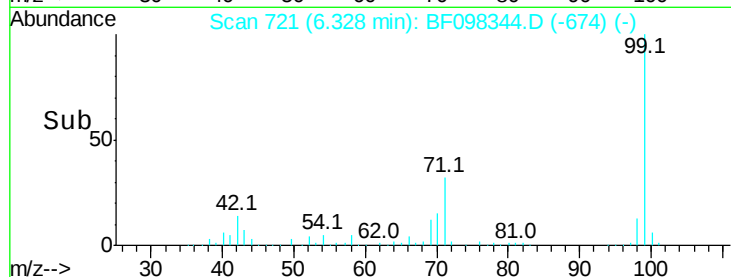
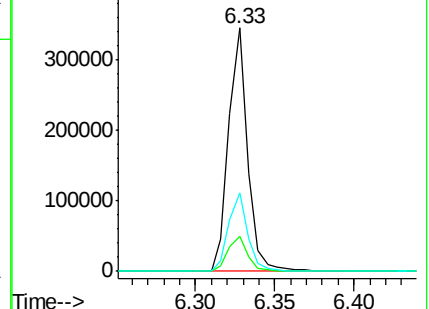
71 32.4 24.5 36.7



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



#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

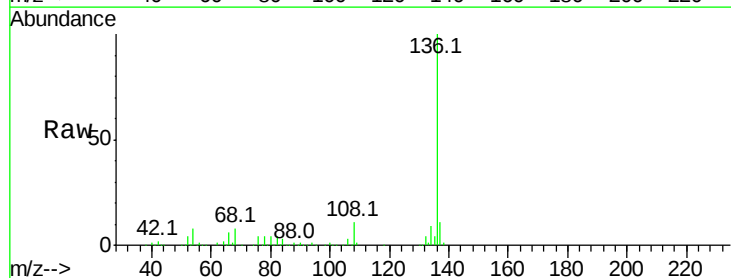
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.8 4.9 7.3#

68 8.1 4.1 6.1#

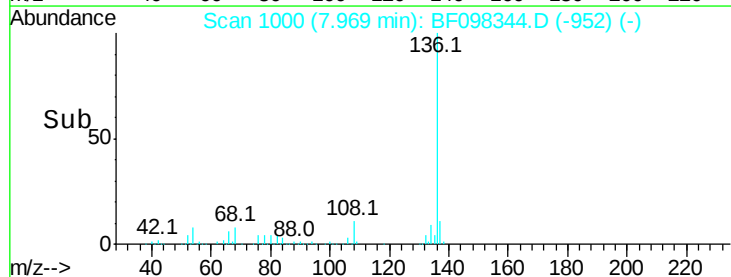
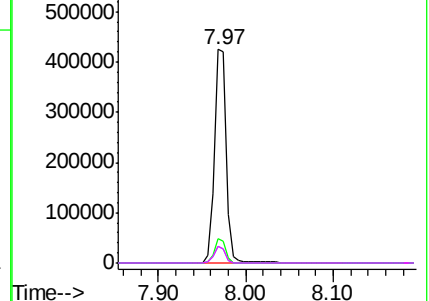


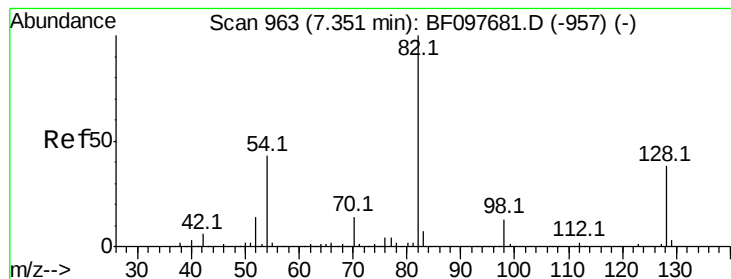
Abundance Ion 136.00 (135.70 to 136.70): E

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: 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

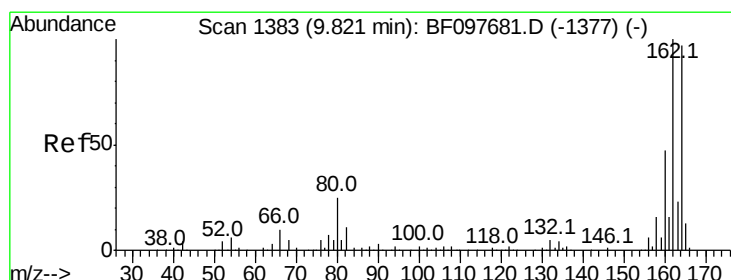
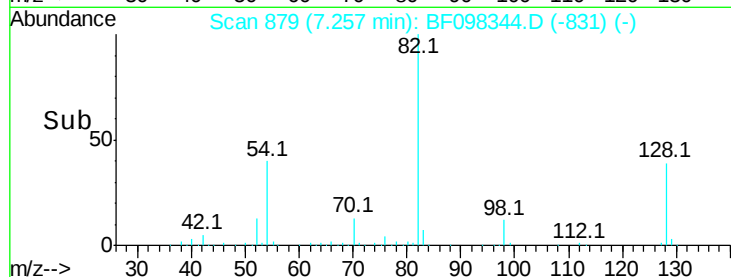
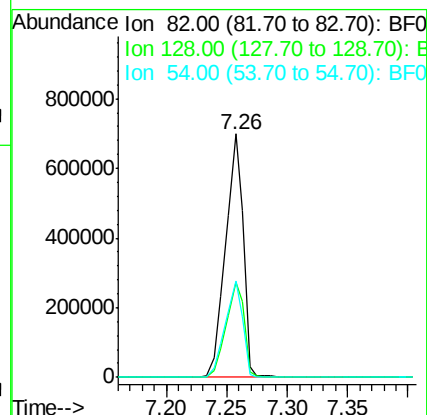
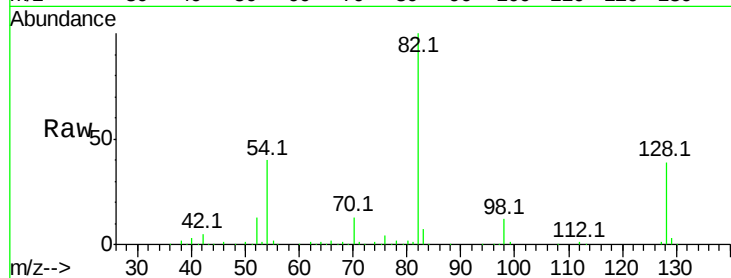
Tot Ion: 82 Resp: 704251

Ion Ratio Lower Upper

82 100

128 39.3 34.0 51.0

54 39.5 42.2 63.2#



#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

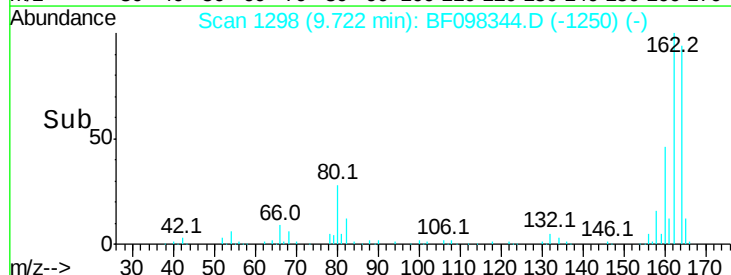
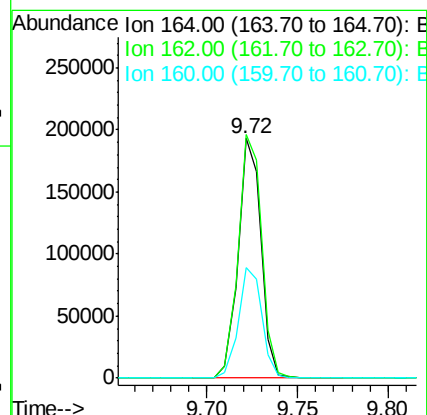
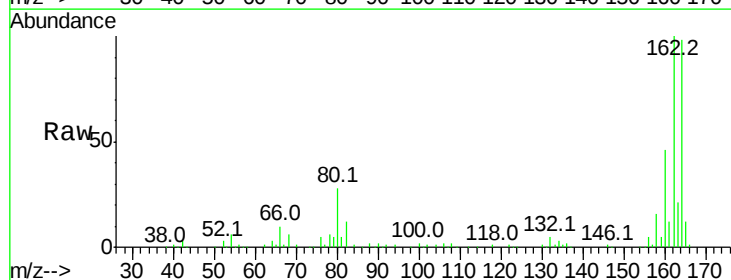
Tgt Ion:164 Resp: 168918

Ion Ratio Lower Upper

164 100

162 101.7 82.6 123.8

160 46.4 36.2 54.2





#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

Instrument :

BNA_F

ClientSampleId :

090617-TIDO-F-U-B

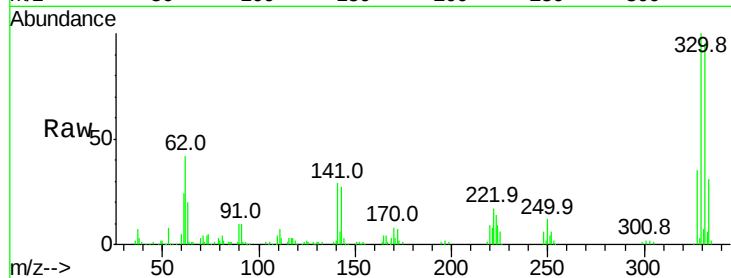
Tot Ion:330 Resp: 133864

Ion Ratio Lower Upper

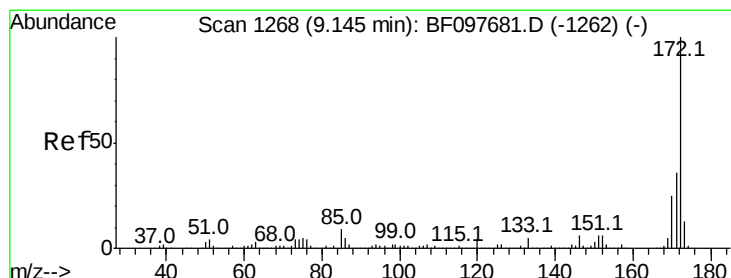
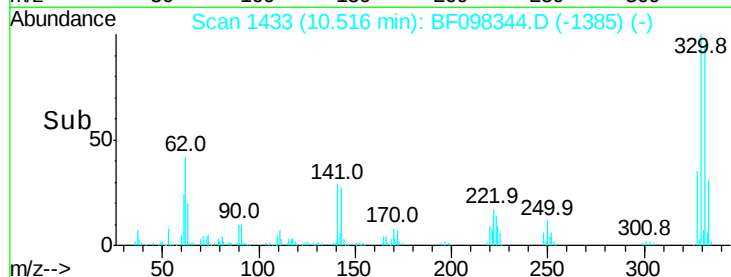
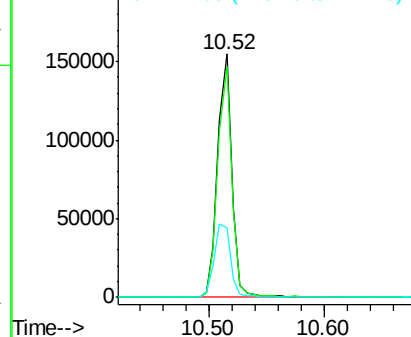
330 100

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

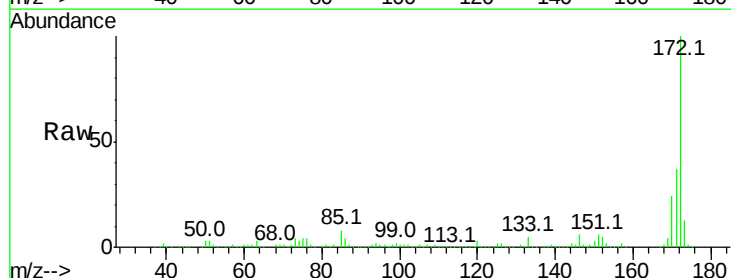
Tgt Ion:172 Resp: 1075045

Ion Ratio Lower Upper

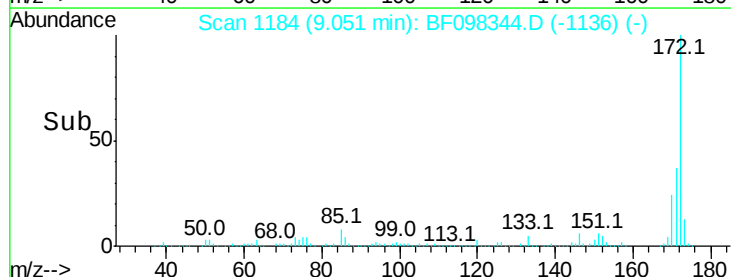
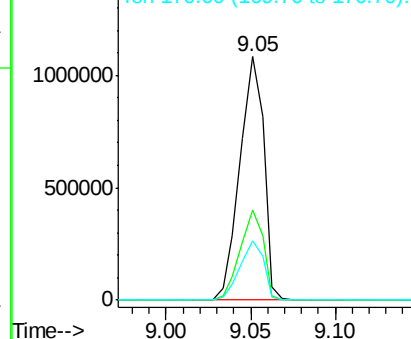
172 100

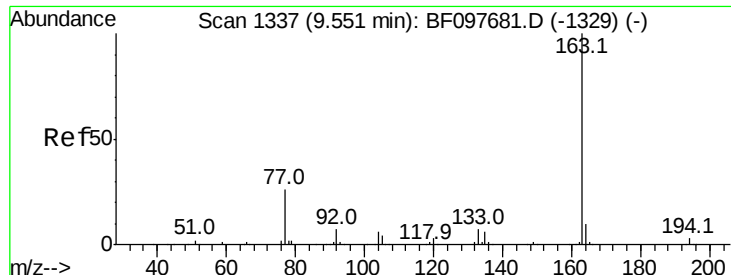
171 36.8 29.6 44.4

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

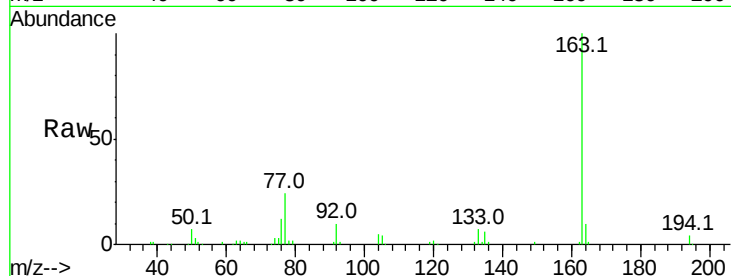




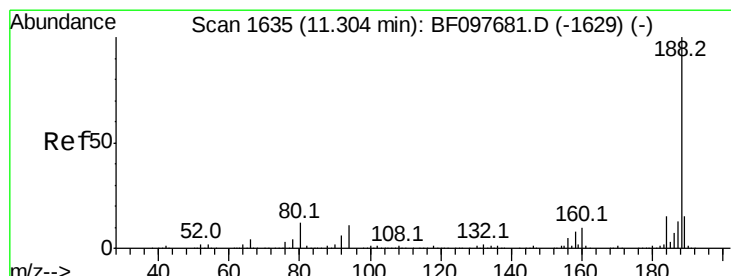
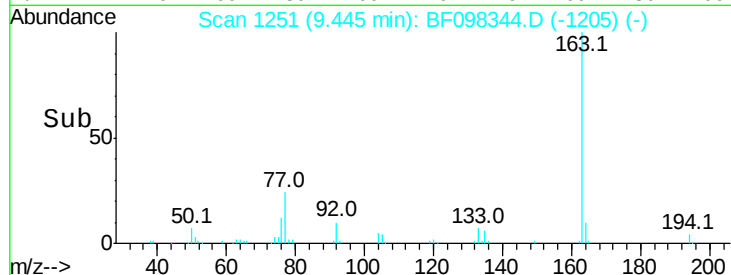
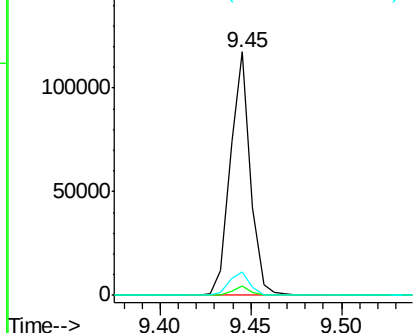
#49
Dimethylphthalate
Concen: 7.311 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF098344.D
Acq: 8 Sep 2017 6:01

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

Tot Ion:163 Resp: 90266
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.9 8.4 12.6

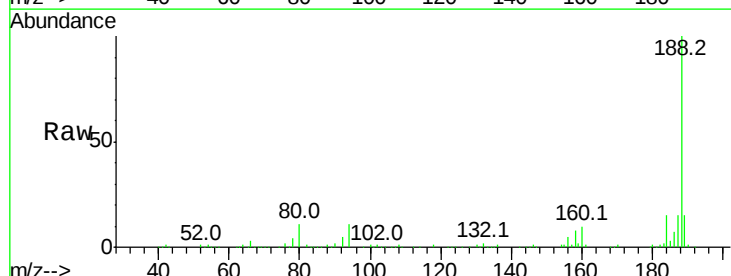


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

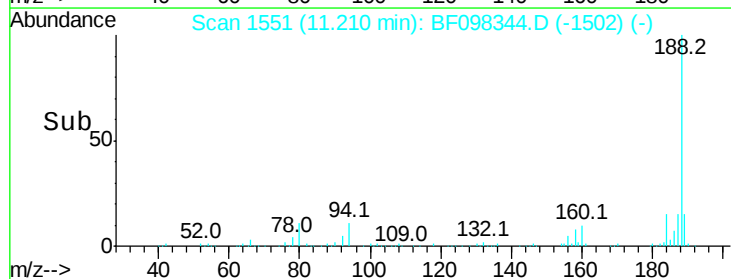
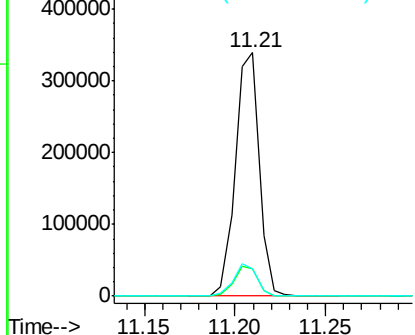


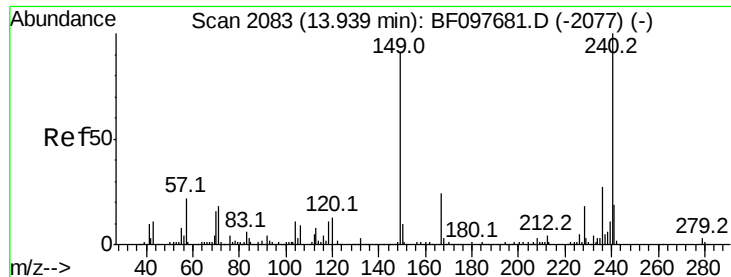
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF098344.D
Acq: 8 Sep 2017 6:01

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



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





#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

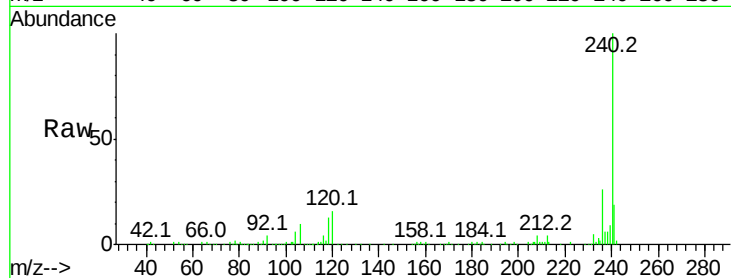
Tot Ion:240 Resp: 255721

Ion Ratio Lower Upper

240 100

120 15.7 5.8 8.8#

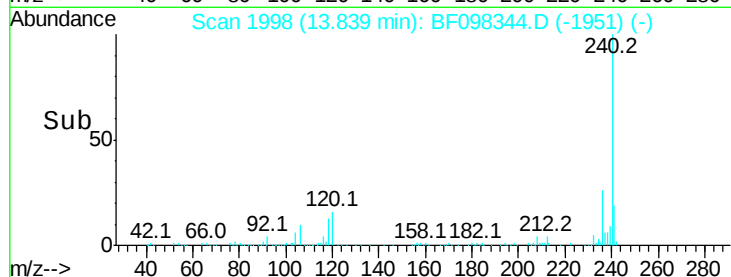
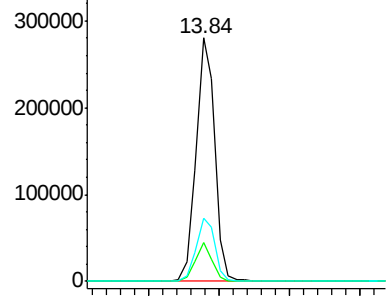
236 26.1 20.5 30.7



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

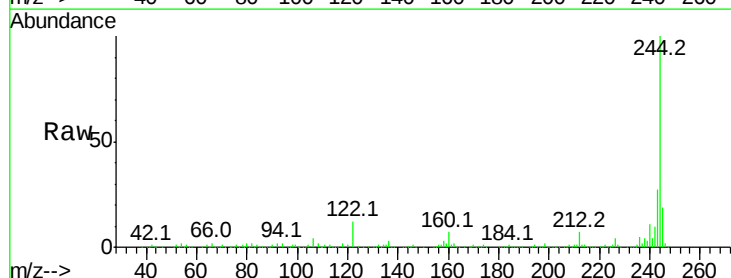
Tgt Ion:244 Resp: 849457

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

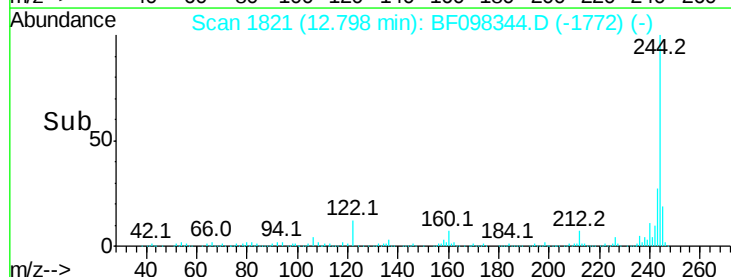
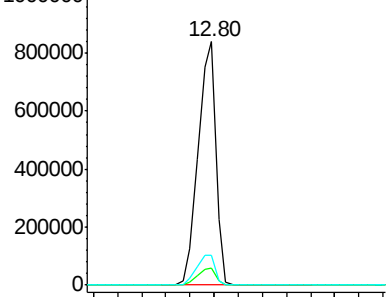
122 12.2 10.3 15.5

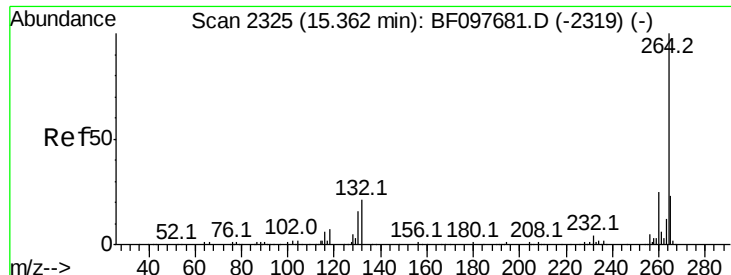


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

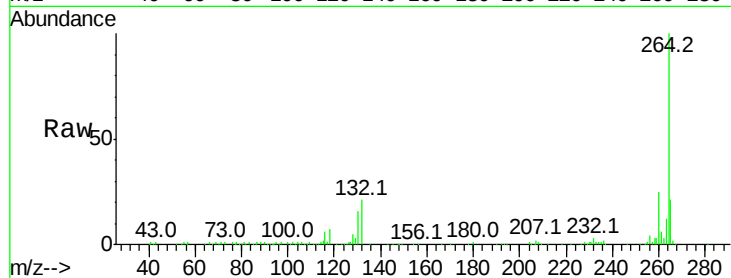




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF098344.D
Acq: 8 Sep 2017 6:01

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

