

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090617\
 Data File : BF098306.D
 Acq On : 7 Sep 2017 7:24
 Operator : SJ/JU
 Sample : I5088-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 083017-TIDO-F-U-M

Quant Time: Sep 07 07:53:10 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	111860	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	413260	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	160747	20.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	261434	20.00	ng	0.00
75) Chrysene-d12	13.84	240	235276	20.00	ng	-0.02
86) Perylene-d12	15.26	264	159967	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	162976	22.16	ng	0.00
7) Phenol-d6	6.33	99	214181	21.44	ng	-0.02
23) Nitrobenzene-d5	7.26	82	188381	24.76	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	23911	17.14	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	312213	28.54	ng	-0.02
78) Terphenyl-d14	12.79	244	218907	19.40	ng	-0.02

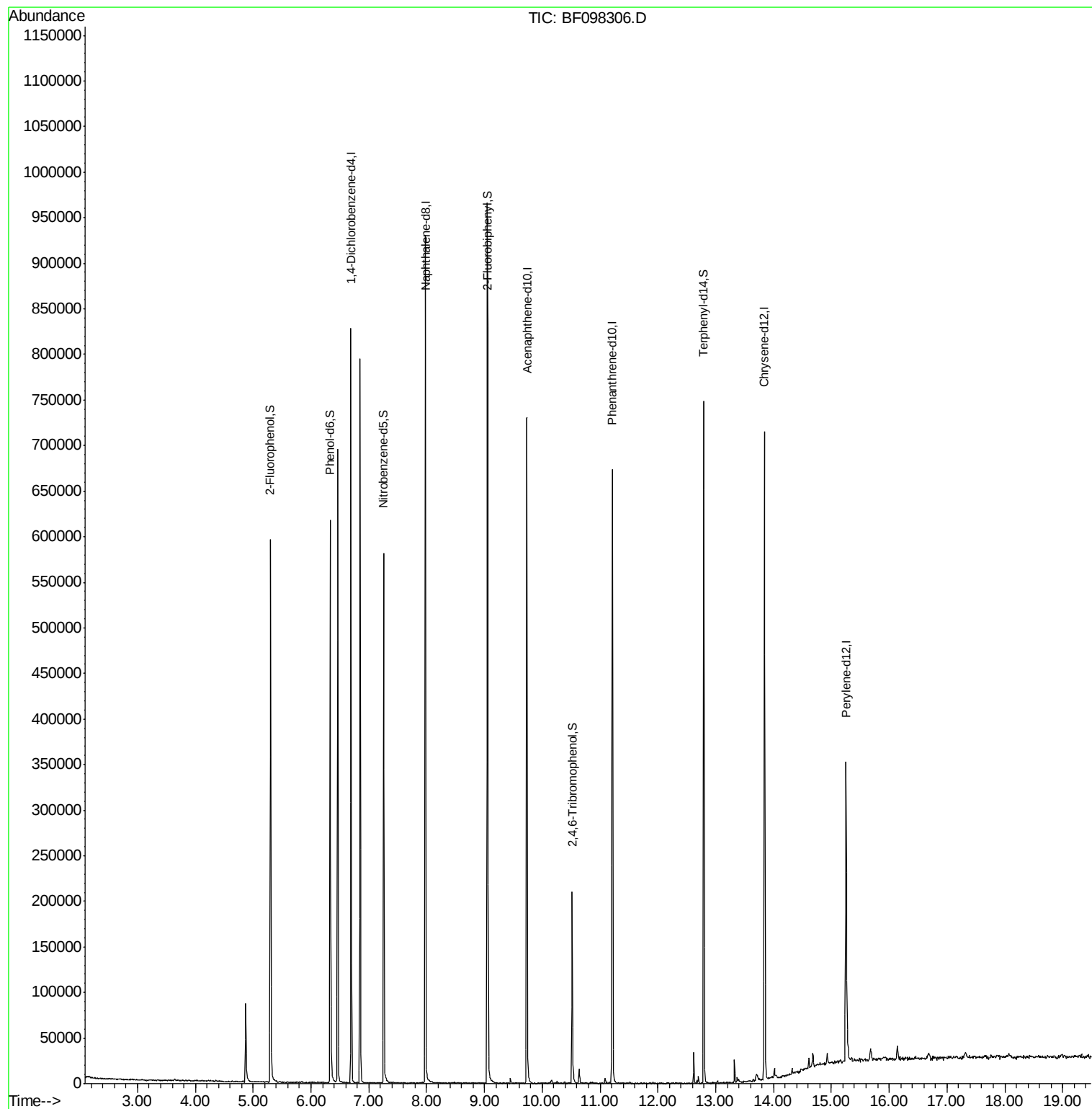
Target Compounds Qvalue

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

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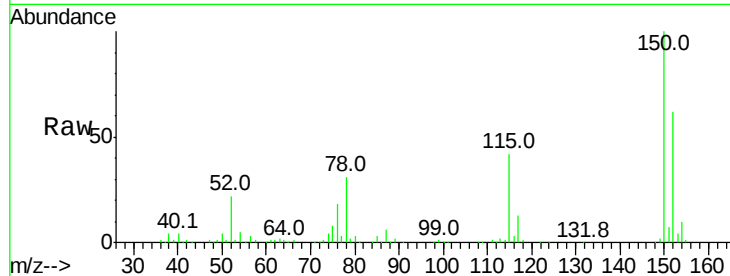


#1

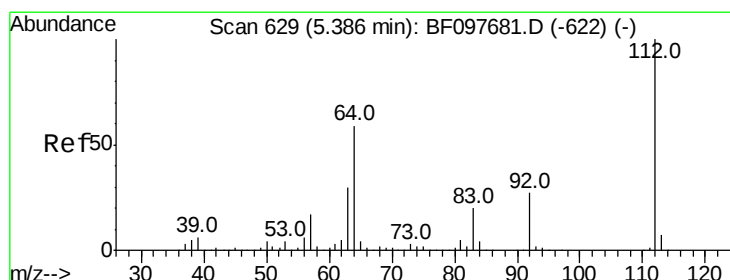
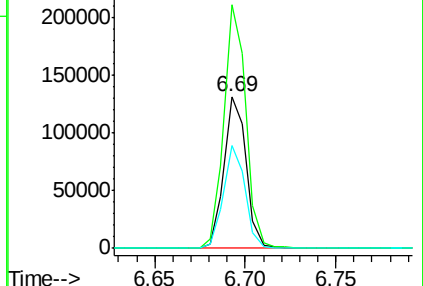
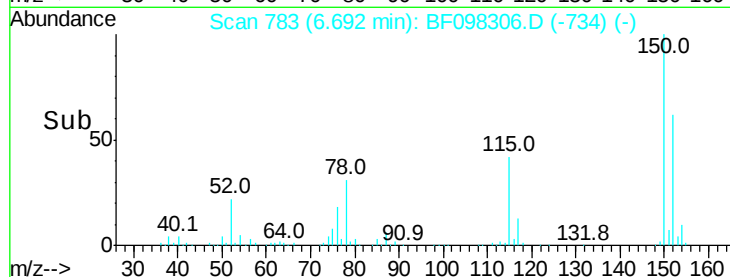
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF098306.D
 Acq: 7 Sep 2017 7:24

Instrument :
 BNA_F
 ClientSampleId :
 083017-TIDO-F-U-M

Tot Ion:152 Resp: 111860
 Ion Ratio Lower Upper
 152 100
 150 160.6 126.2 189.2
 115 68.0 52.2 78.2



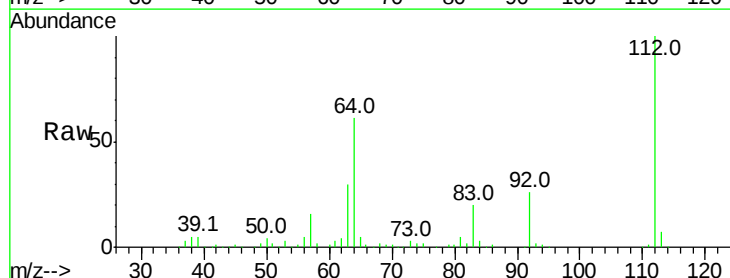
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



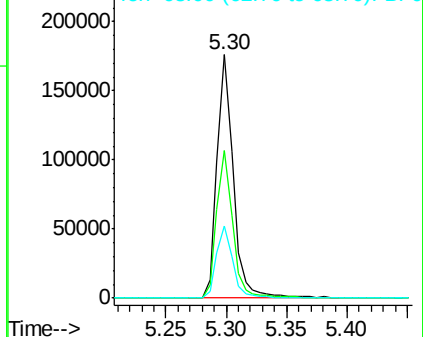
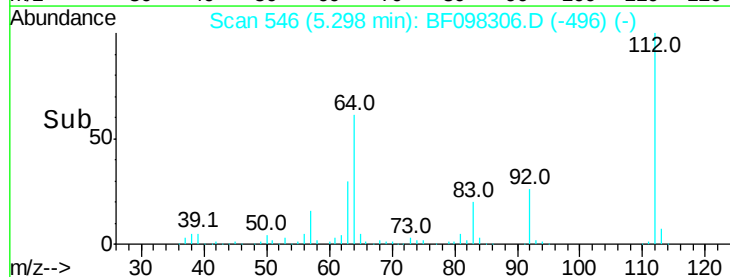
#5

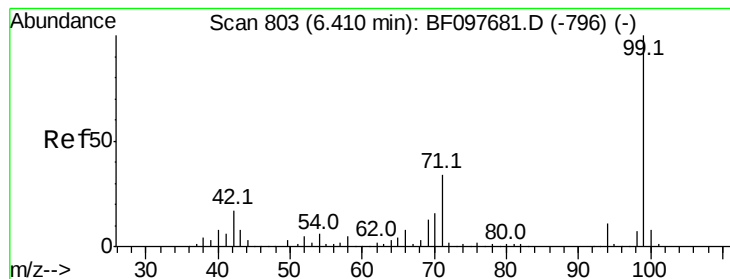
2-Fluorophenol
 Concen: 22.162 ng
 RT: 5.30 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BF098306.D
 Acq: 7 Sep 2017 7:24

Tgt Ion:112 Resp: 162976
 Ion Ratio Lower Upper
 112 100
 64 60.6 46.0 69.0
 63 29.8 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: 21.435 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF098306.D

Acq: 7 Sep 2017 7:24

Instrument :

BNA_F

ClientSampleId :

083017-TIDO-F-U-M

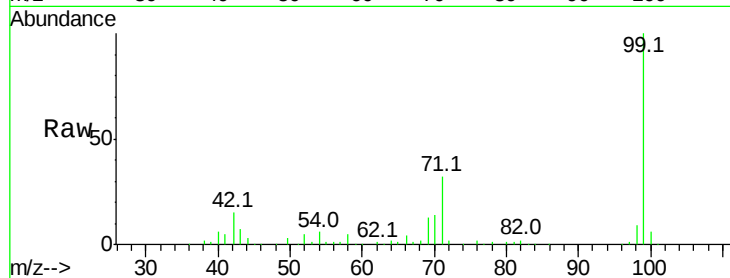
Tot Ion: 99 Resp: 214181

Ion Ratio Lower Upper

99 100

42 15.0 13.5 20.3

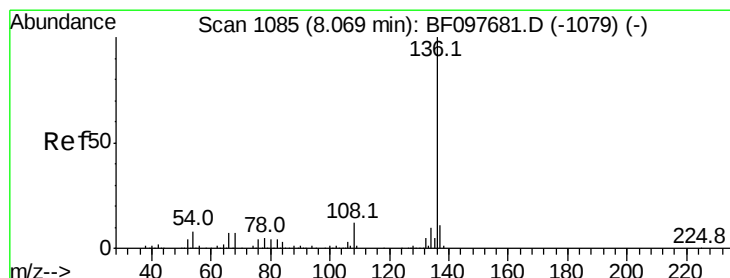
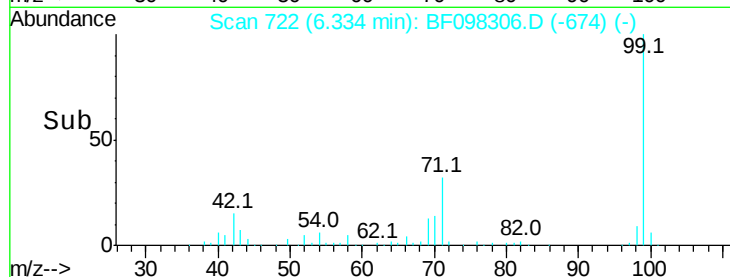
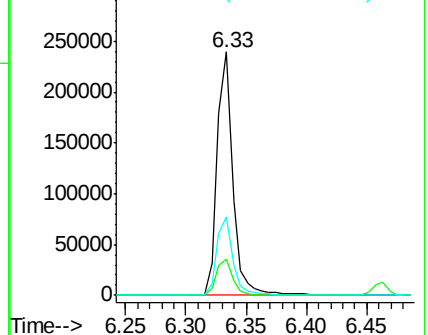
71 32.0 24.5 36.7



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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF098306.D

Acq: 7 Sep 2017 7:24

Tgt Ion: 136 Resp: 413260

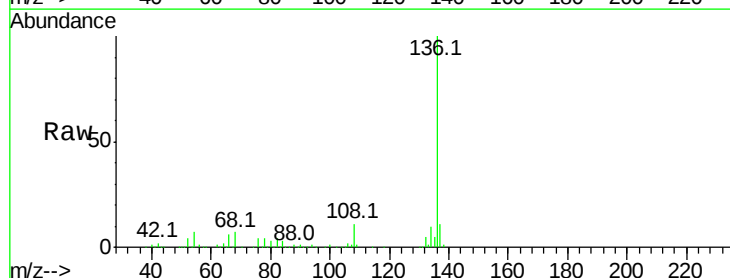
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.2 4.9 7.3

68 7.1 4.1 6.1#

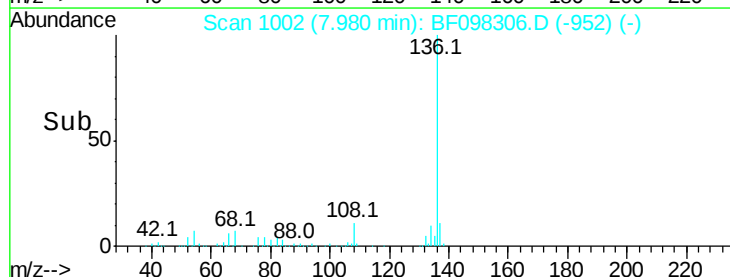
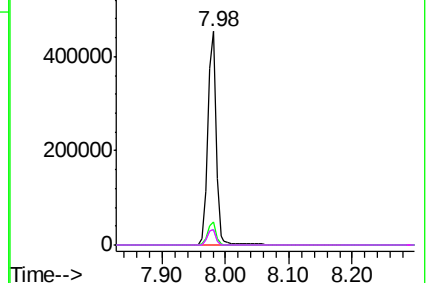


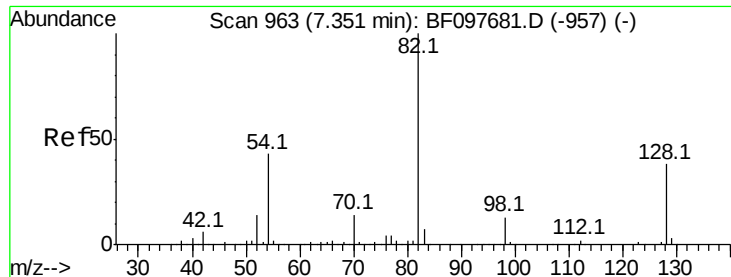
Abundance Ion 136.00 (135.70 to 136.70): E

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

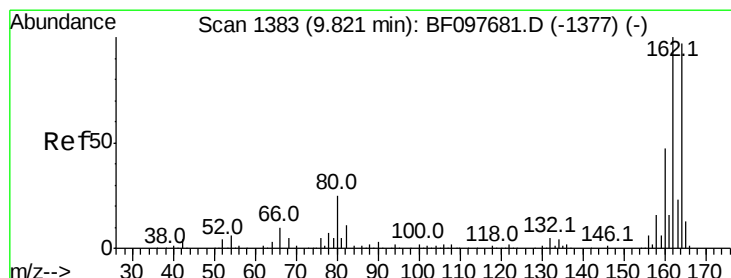
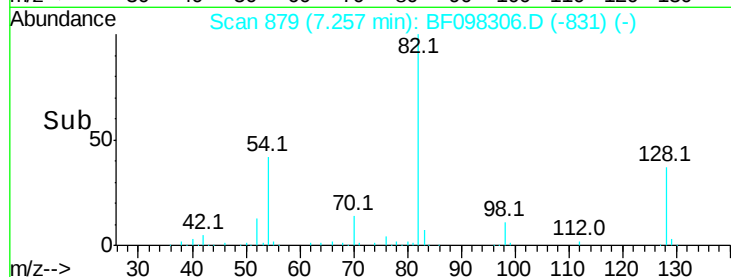
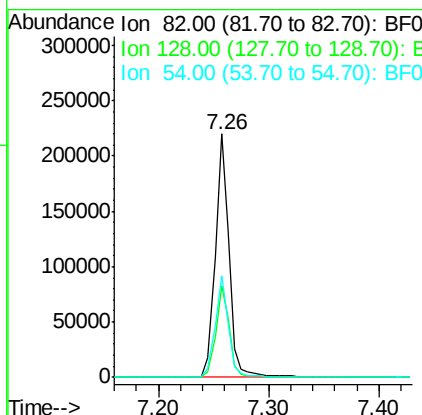
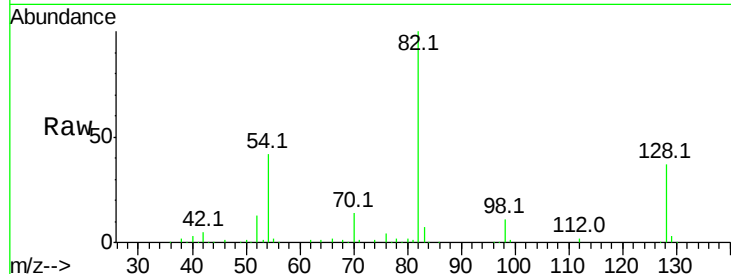




#23
 Nitrobenzene-d5
 Concen: 24.763 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BF098306.D
 Acq: 7 Sep 2017 7:24

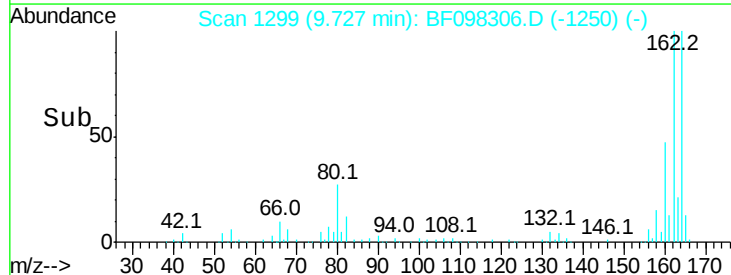
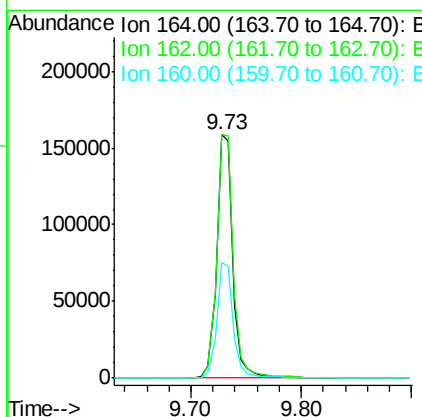
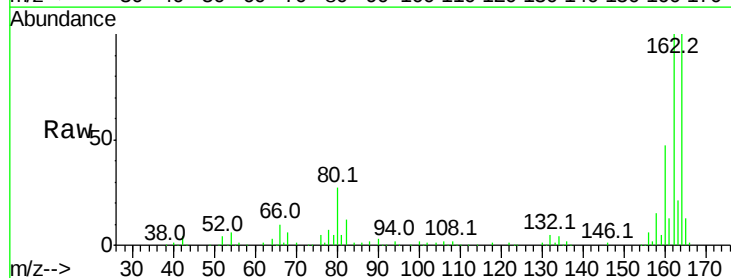
Instrument :
 BNA_F
 ClientSampleId :
 083017-TIDO-F-U-M

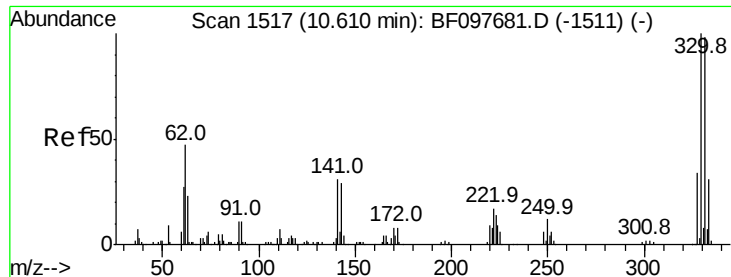
Tot Ion: 82 Resp: 188381
 Ion Ratio Lower Upper
 82 100
 128 37.5 34.0 51.0
 54 41.6 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF098306.D
 Acq: 7 Sep 2017 7:24

Tgt Ion:164 Resp: 160747
 Ion Ratio Lower Upper
 164 100
 162 100.2 82.6 123.8
 160 47.5 36.2 54.2

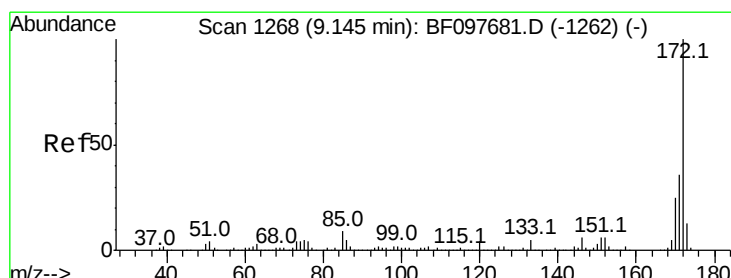
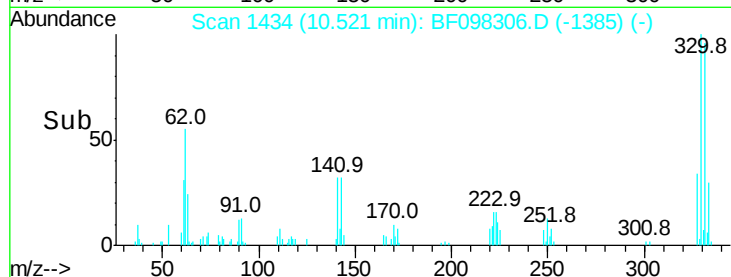
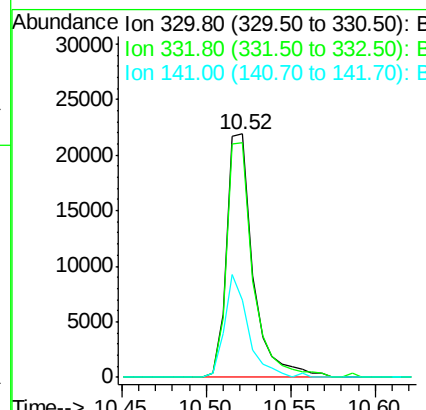
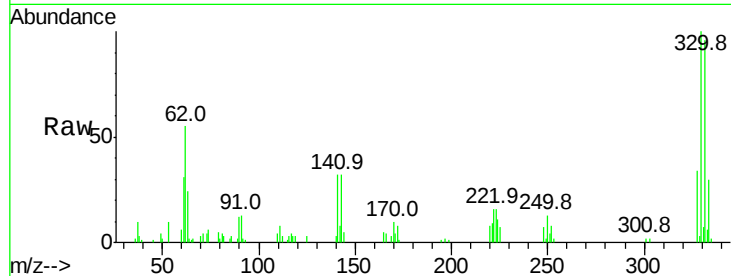




#41
 2,4,6-Tribromophenol
 Concen: 17.144 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF098306.D
 Acq: 7 Sep 2017 7:24

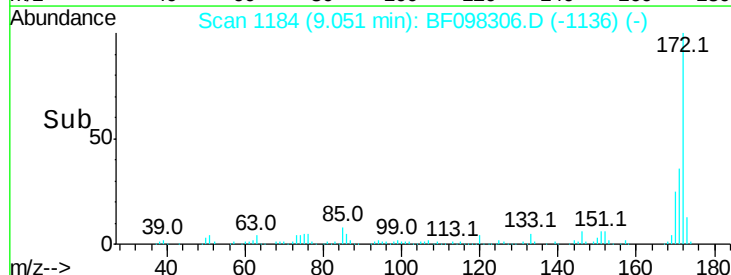
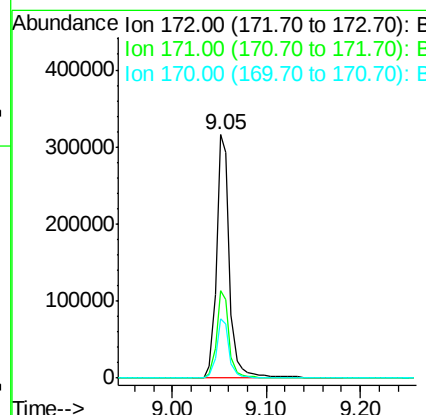
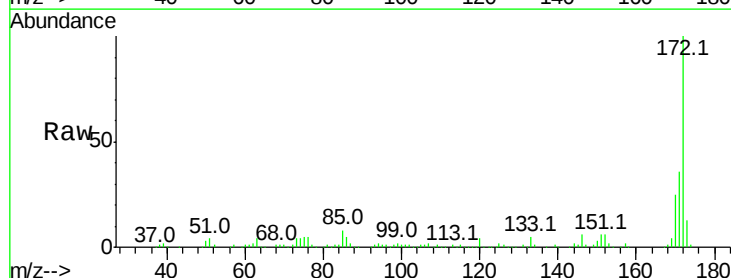
Instrument :
 BNA_F
 ClientSampleId :
 083017-TIDO-F-U-M

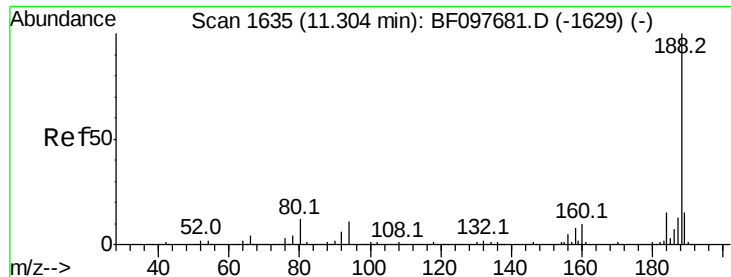
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	38.0	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 28.536 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF098306.D
 Acq: 7 Sep 2017 7:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.6	19.8	29.8





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF098306.D

Acq: 7 Sep 2017 7:24

Instrument :

BNA_F

ClientSampleId :

083017-TIDO-F-U-M

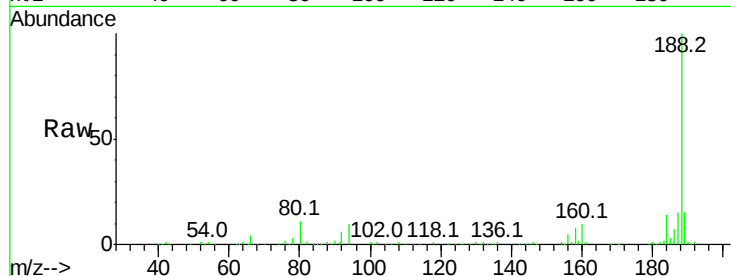
Tot Ion:188 Resp: 261434

Ion Ratio Lower Upper

188 100

94 10.2 9.4 14.2

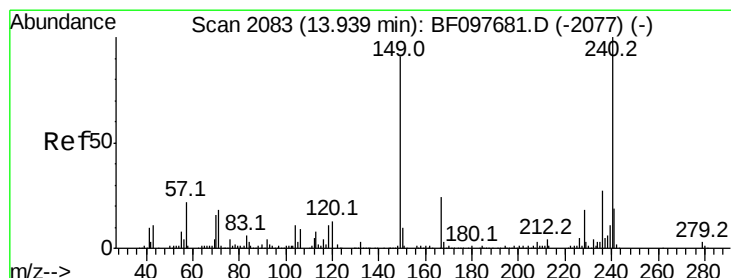
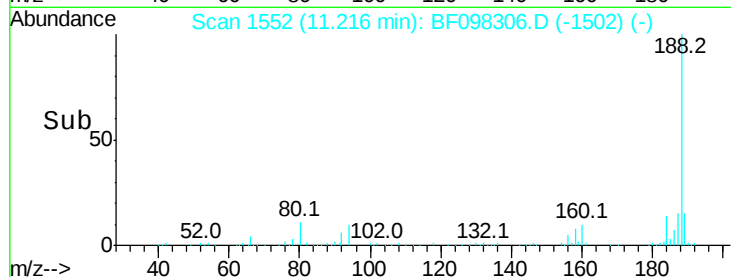
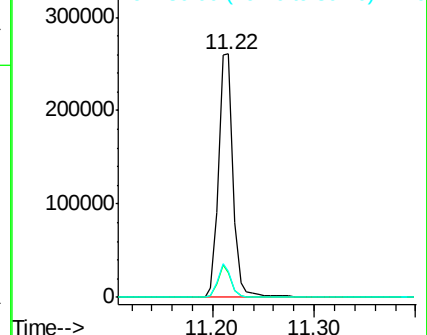
80 10.7 10.2 15.2



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# 1999

Delta R.T. -0.02 min

Lab File: BF098306.D

Acq: 7 Sep 2017 7:24

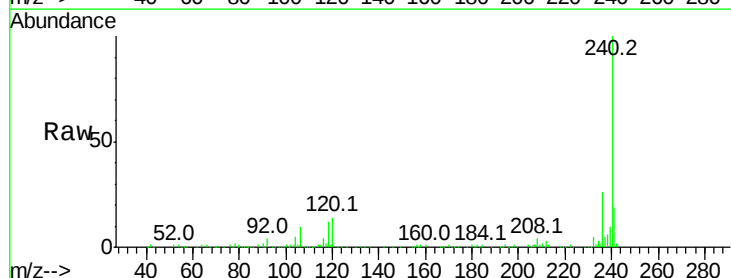
Tgt Ion:240 Resp: 235276

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

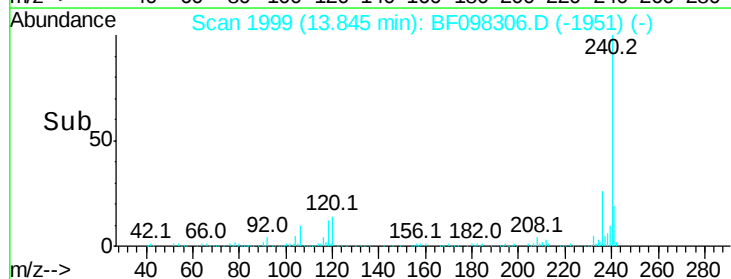
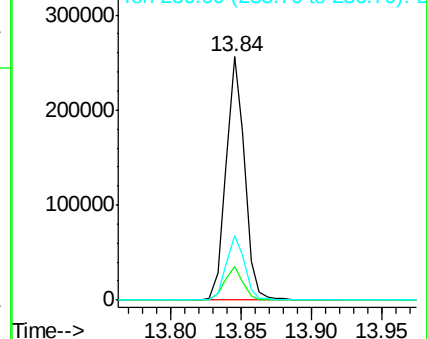
236 26.2 20.5 30.7

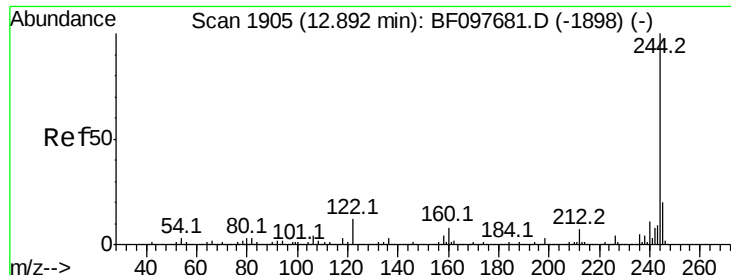


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 19.403 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.02 min

Lab File: BF098306.D

Acq: 7 Sep 2017 7:24

Instrument :

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ClientSampleId :

083017-TIDO-F-U-M

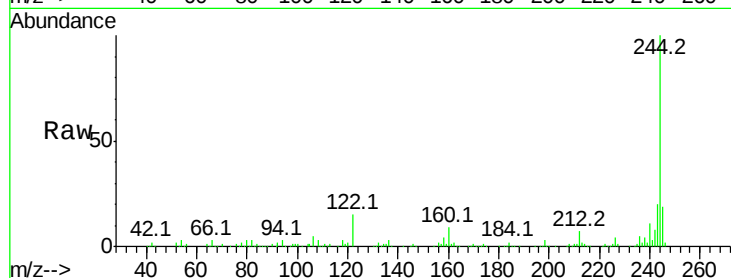
Tot Ion:244 Resp: 218907

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

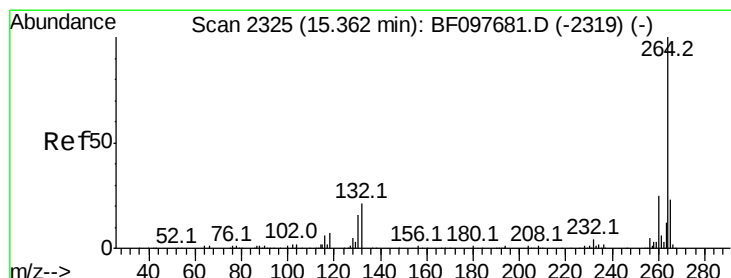
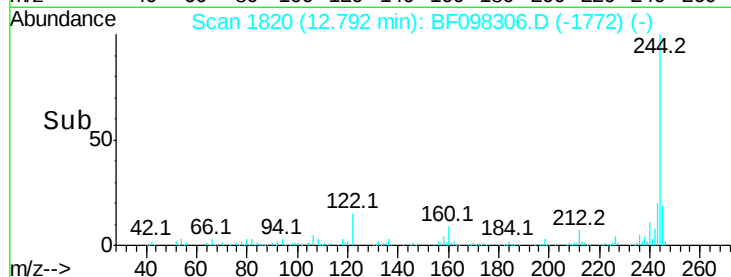
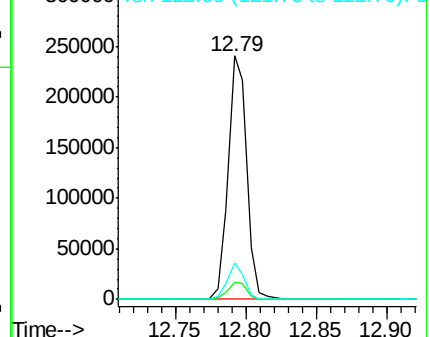
122 14.9 10.3 15.5



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: 15.26 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BF098306.D

Acq: 7 Sep 2017 7:24

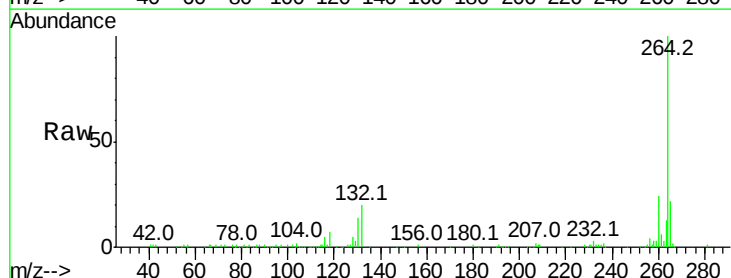
Tgt Ion:264 Resp: 159967

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 21.8 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

