

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090617\
 Data File : BF098307.D
 Acq On : 7 Sep 2017 7:52
 Operator : SJ/JU
 Sample : I5090-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 090117-TIDO-E-D-M

Quant Time: Sep 07 08:30:57 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	99452	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	376405	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	146044	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	237987	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	213935	20.00	ng	-0.02
86) Perylene-d12	15.26	264	141811	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	289229	44.24	ng	0.00
7) Phenol-d6	6.33	99	293286	33.01	ng	-0.02
23) Nitrobenzene-d5	7.26	82	651318	94.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	92562	73.05	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	942729	94.84	ng	-0.01
78) Terphenyl-d14	12.80	244	679238	66.21	ng	-0.01

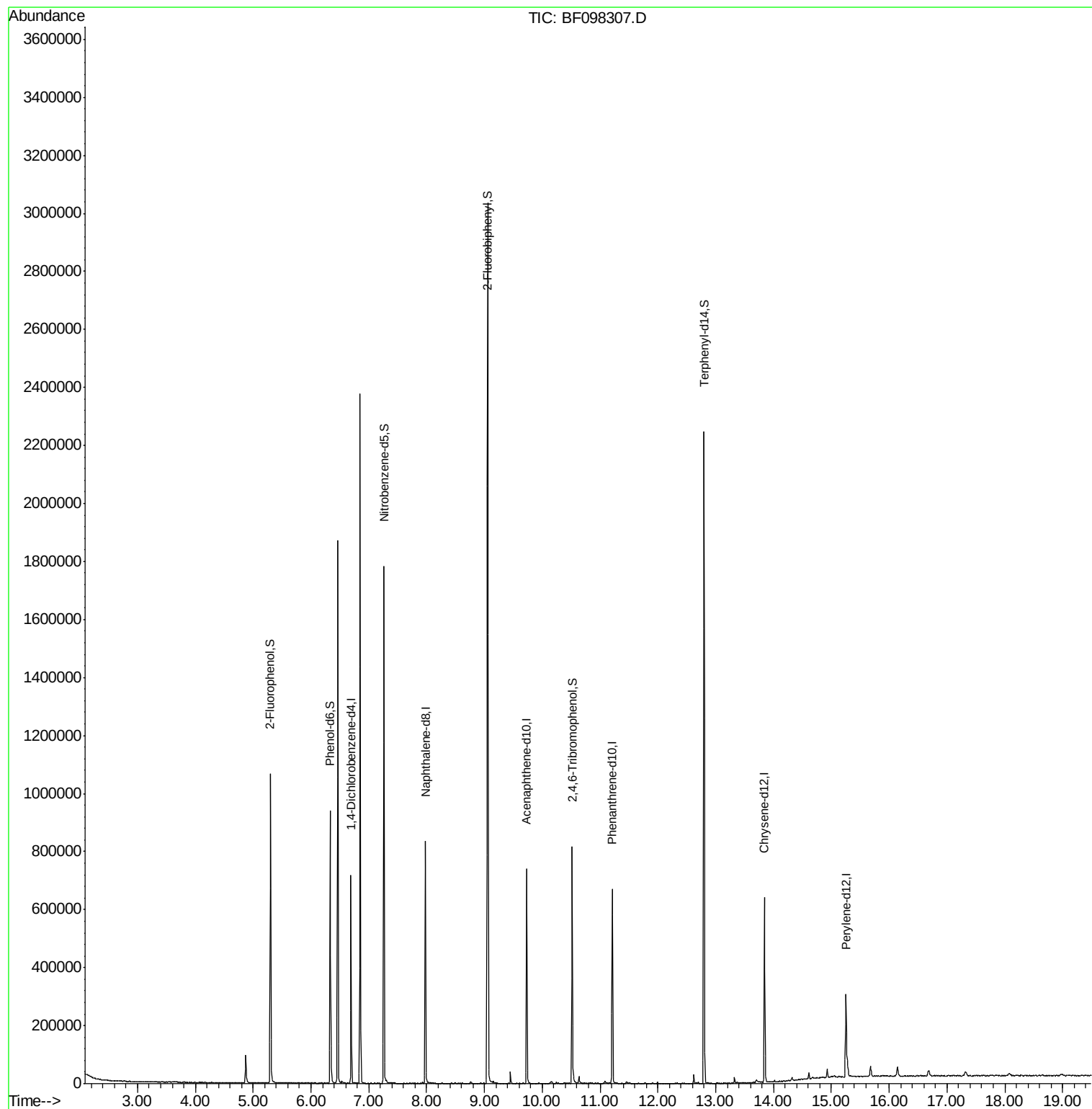
Target Compounds Qvalue

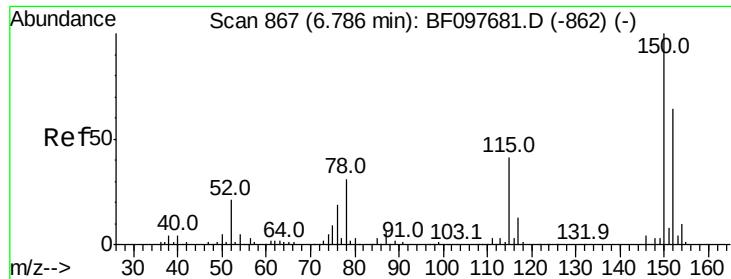
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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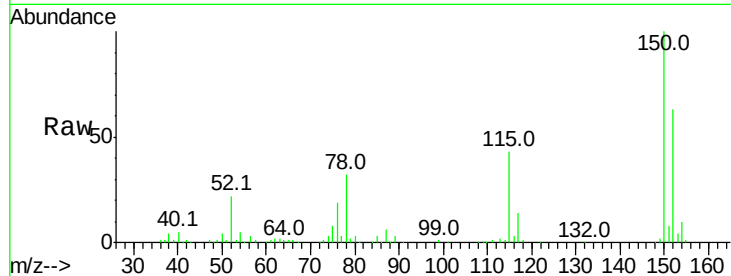


#1

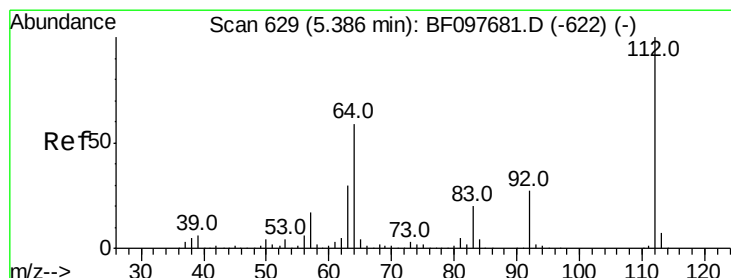
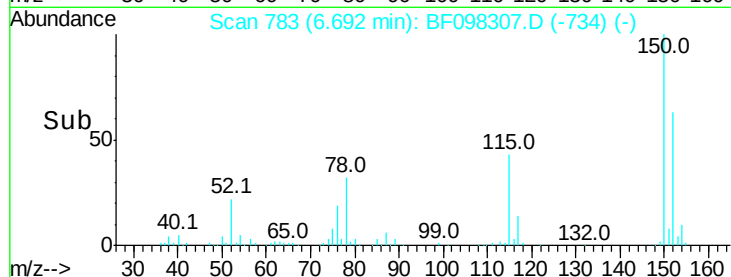
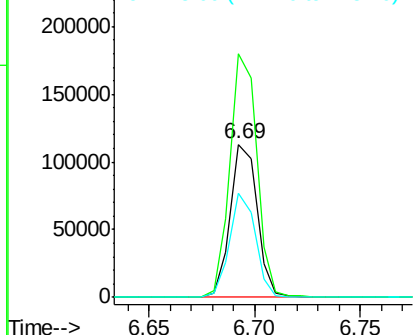
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF098307.D
Acq: 7 Sep 2017 7:52

Instrument :
BNA_F
ClientSampleId :
090117-TIDO-E-D-M

Tot Ion:152 Resp: 99452
Ion Ratio Lower Upper
152 100
150 159.0 126.2 189.2
115 68.3 52.2 78.2



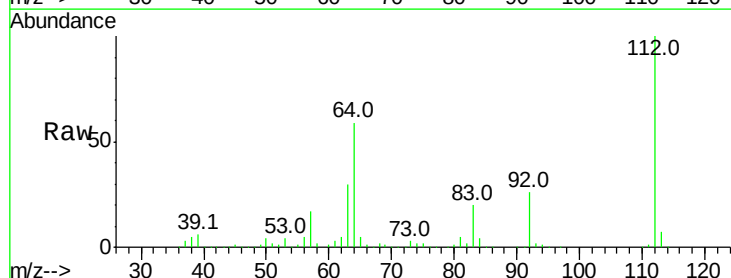
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



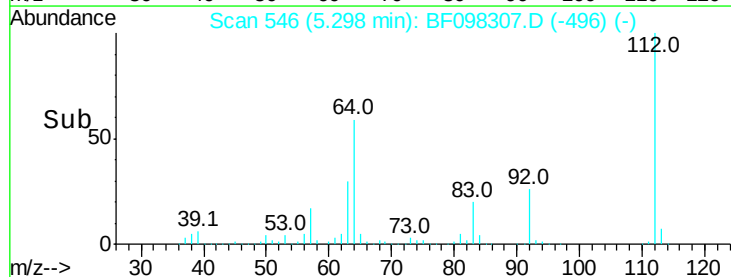
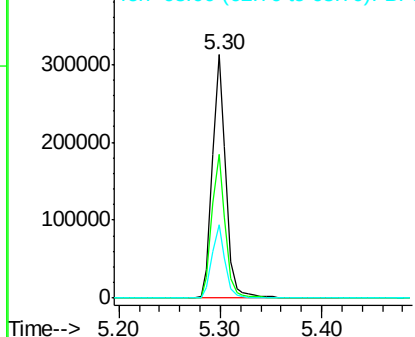
#5

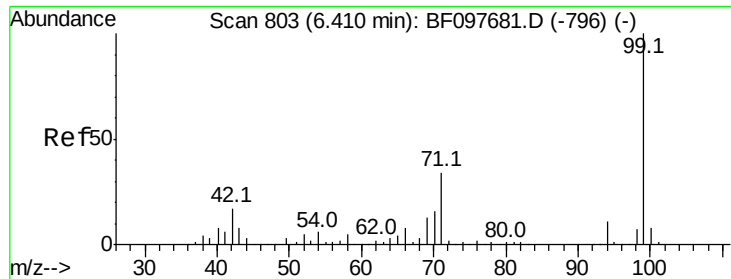
2-Fluorophenol
Concen: 44.236 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF098307.D
Acq: 7 Sep 2017 7:52

Tgt Ion:112 Resp: 289229
Ion Ratio Lower Upper
112 100
64 59.2 46.0 69.0
63 30.2 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: 33.014 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF098307.D

Acq: 7 Sep 2017 7:52

Instrument :

BNA_F

ClientSampleId :

090117-TIDO-E-D-M

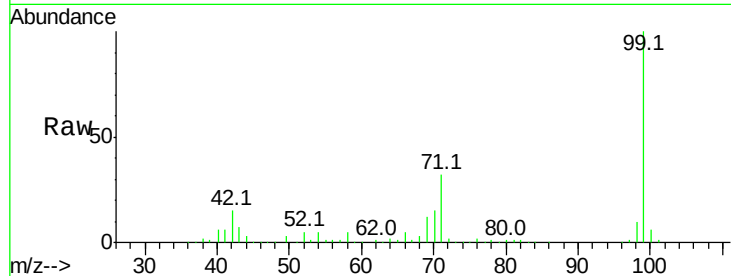
Tot Ion: 99 Resp: 293286

Ion Ratio Lower Upper

99 100

42 15.4 13.5 20.3

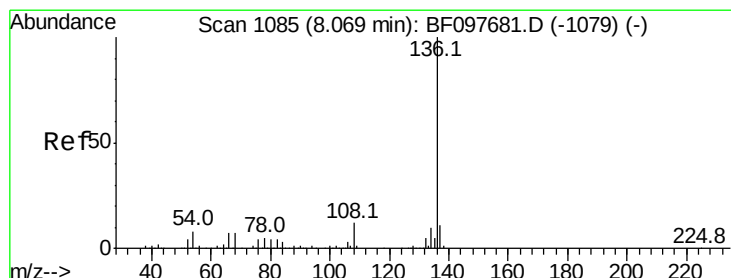
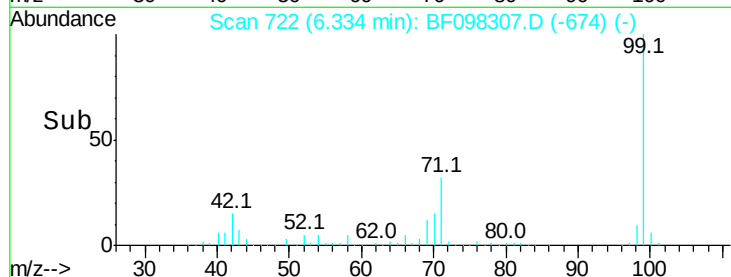
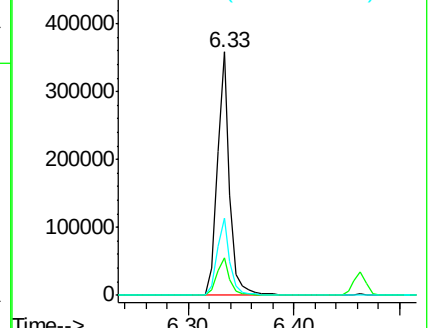
71 31.8 24.5 36.7



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: BF098307.D

Acq: 7 Sep 2017 7:52

Tgt Ion: 136 Resp: 376405

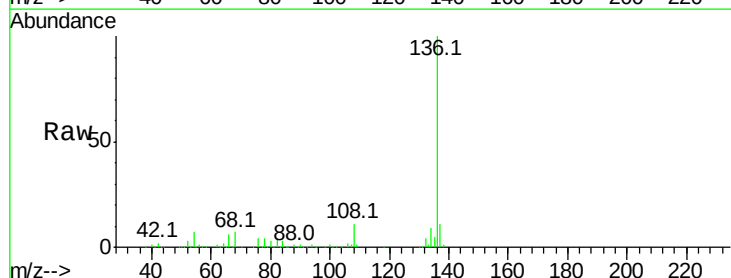
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.7 4.9 7.3

68 6.7 4.1 6.1#

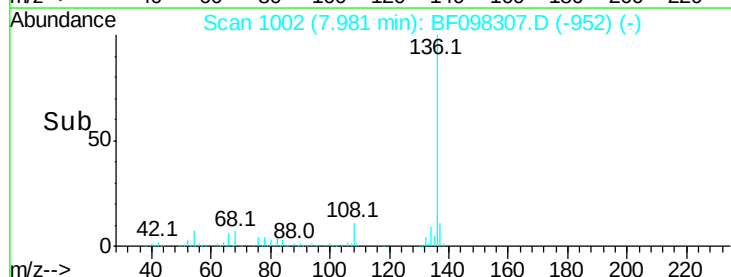
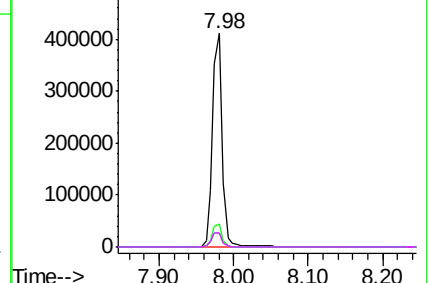


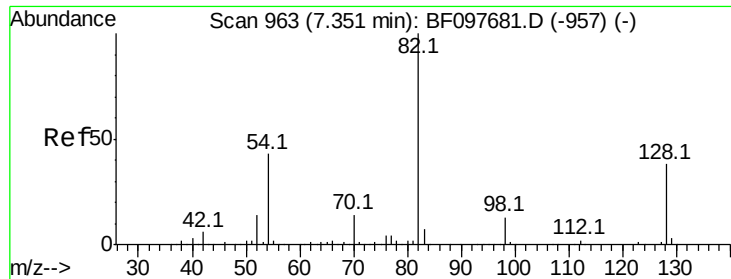
Abundance Ion 136.00 (135.70 to 136.70): E

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

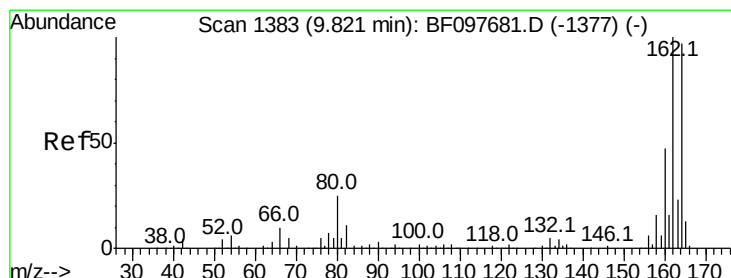
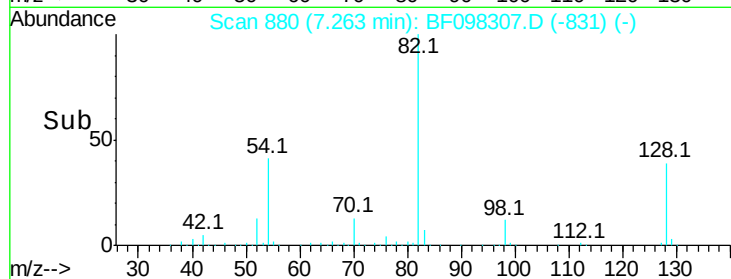
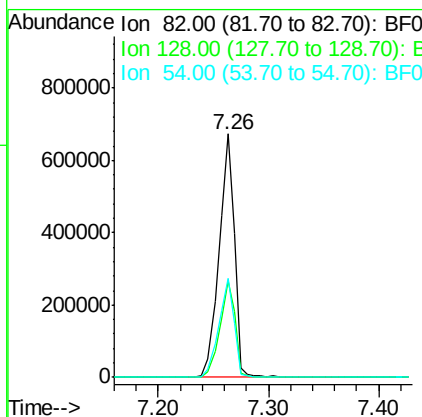
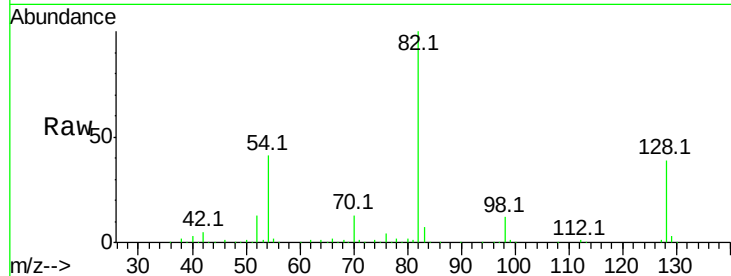




#23
 Nitrobenzene-d5
 Concen: 94.001 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF098307.D
 Acq: 7 Sep 2017 7:52

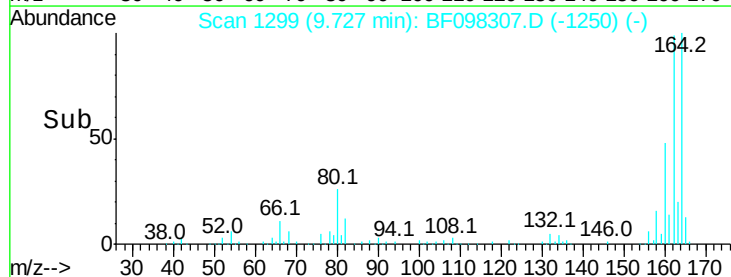
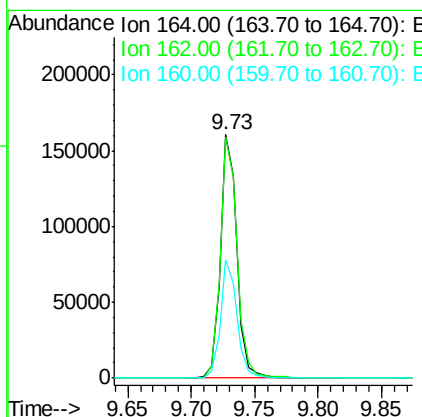
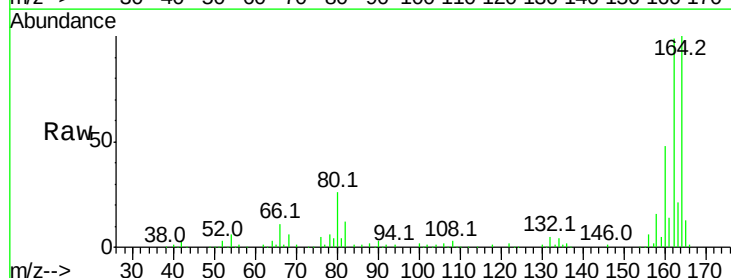
Instrument :
 BNA_F
 ClientSampleId :
 090117-TIDO-E-D-M

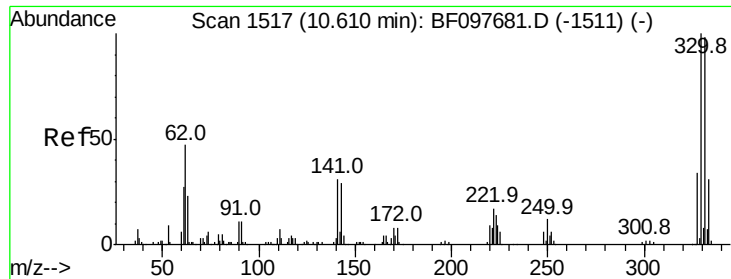
Tot Ion: 82 Resp: 651318
 Ion Ratio Lower Upper
 82 100
 128 39.4 34.0 51.0
 54 40.6 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF098307.D
 Acq: 7 Sep 2017 7:52

Tgt Ion: 164 Resp: 146044
 Ion Ratio Lower Upper
 164 100
 162 98.9 82.6 123.8
 160 48.3 36.2 54.2

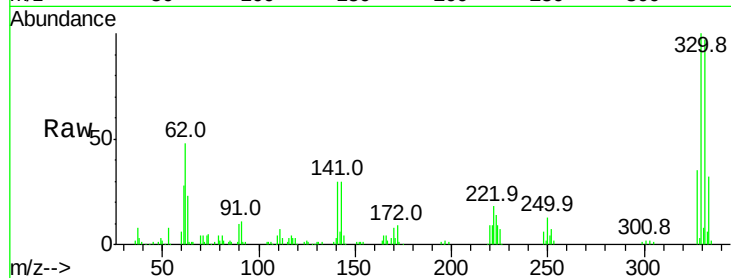




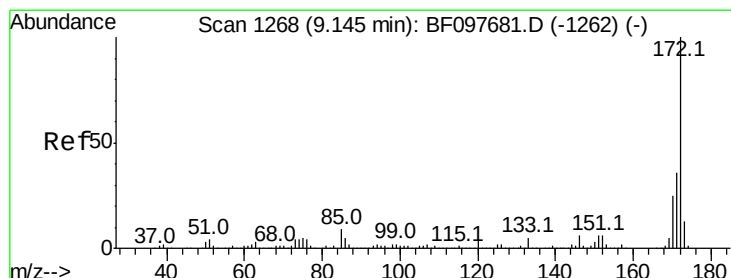
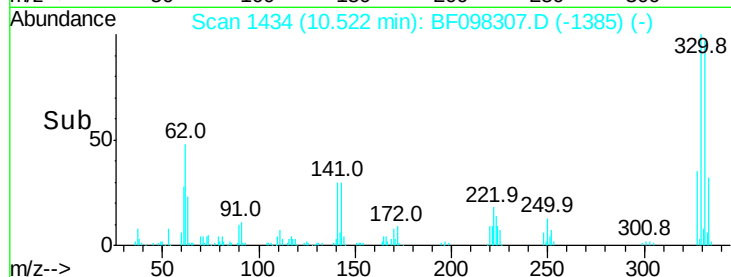
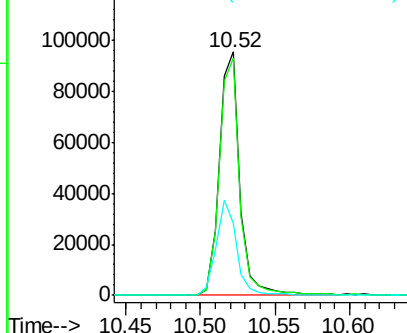
#41
 2,4,6-Tribromophenol
 Concen: 73.046 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF098307.D
 Acq: 7 Sep 2017 7:52

Instrument :
 BNA_F
 ClientSampleId :
 090117-TIDO-E-D-M

Tot Ion:330 Resp: 92562
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 115.0
 141 38.7 31.4 47.2

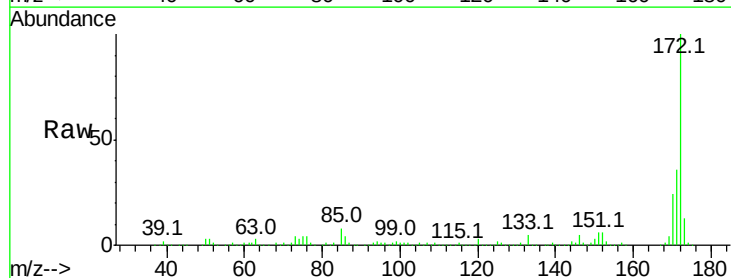


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

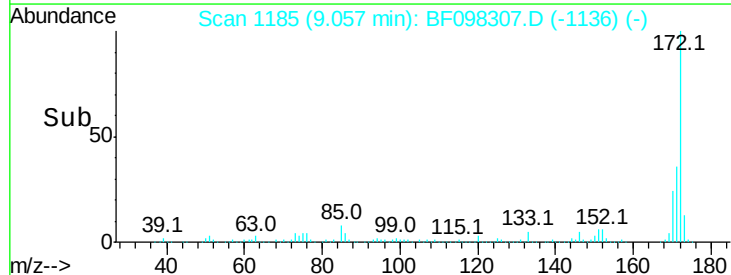
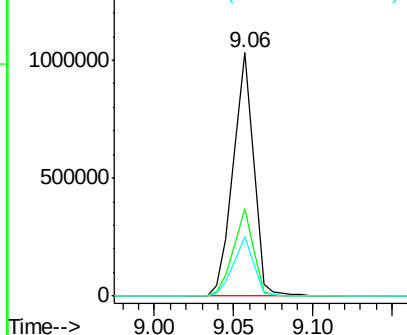


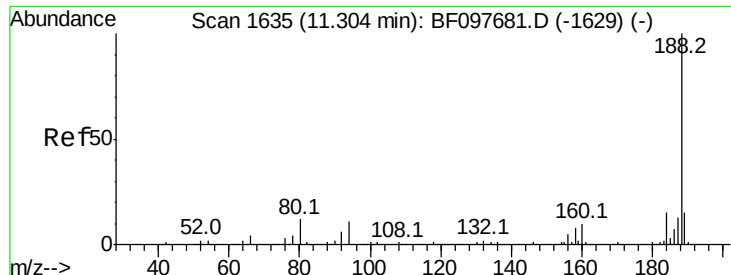
#44
 2-Fluorobiphenyl
 Concen: 94.839 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098307.D
 Acq: 7 Sep 2017 7:52

Tgt Ion:172 Resp: 942729
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 24.3 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF098307.D

Acq: 7 Sep 2017 7:52

Instrument :

BNA_F

ClientSampleId :

090117-TIDO-E-D-M

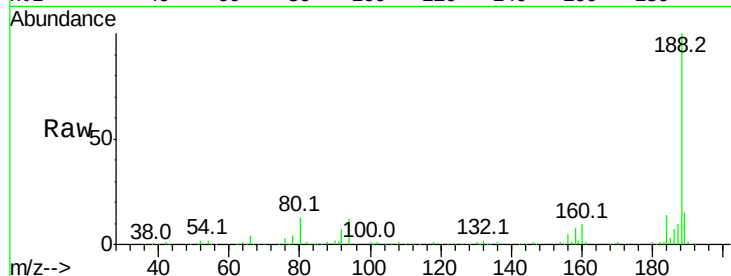
Tot Ion:188 Resp: 237987

Ion Ratio Lower Upper

188 100

94 12.3 9.4 14.2

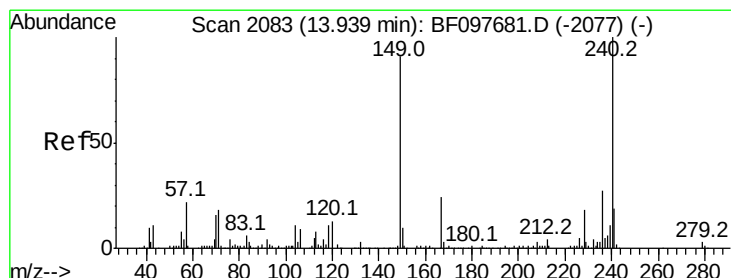
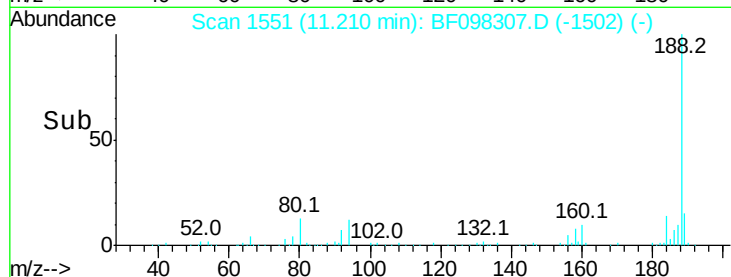
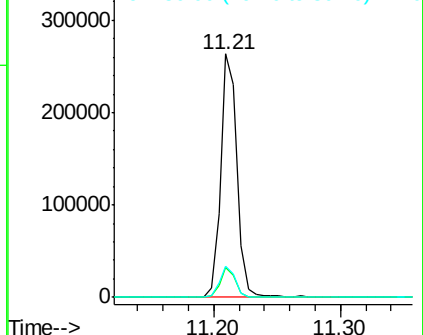
80 13.0 10.2 15.2



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: BF098307.D

Acq: 7 Sep 2017 7:52

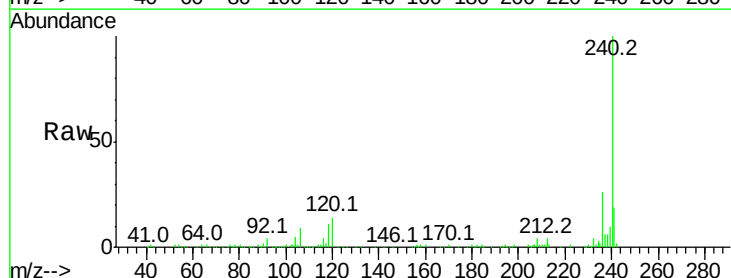
Tgt Ion:240 Resp: 213935

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

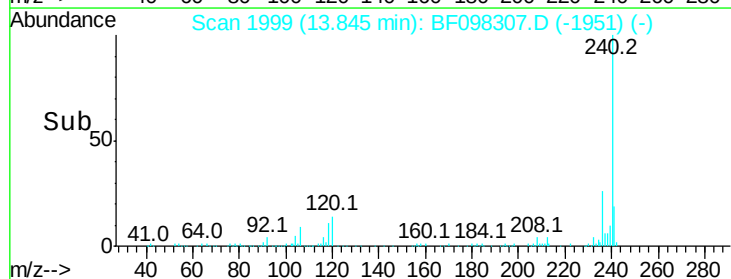
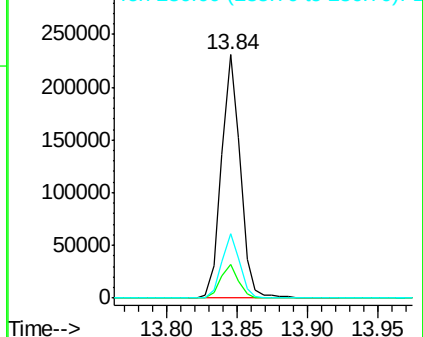
236 26.3 20.5 30.7

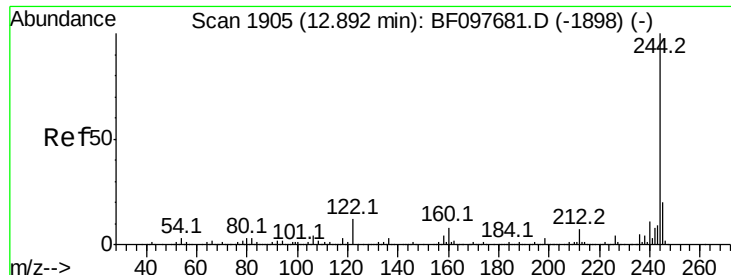


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 66.209 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF098307.D

Acq: 7 Sep 2017 7:52

Instrument :

BNA_F

ClientSampleId :

090117-TIDO-E-D-M

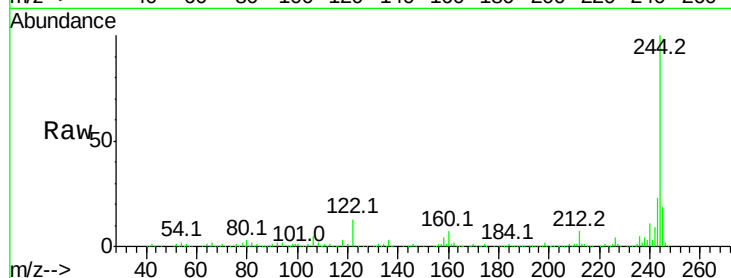
Tot Ion:244 Resp: 679238

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

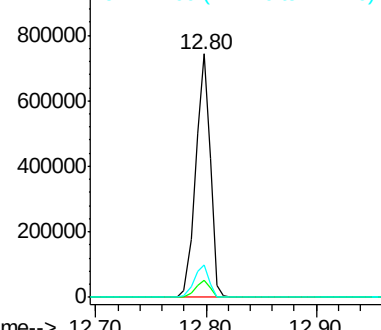
122 13.1 10.3 15.5



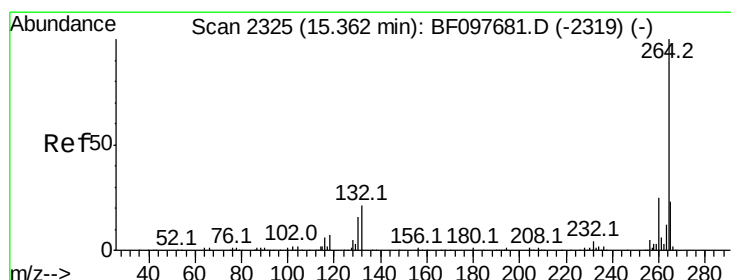
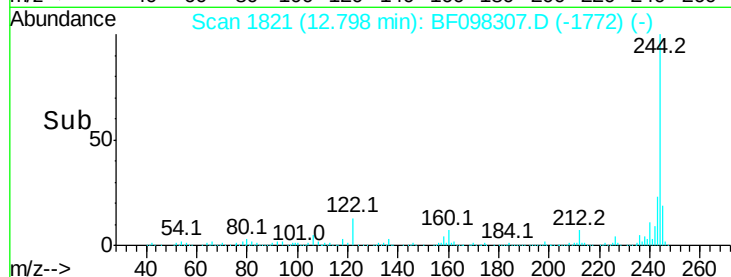
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.26 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BF098307.D

Acq: 7 Sep 2017 7:52

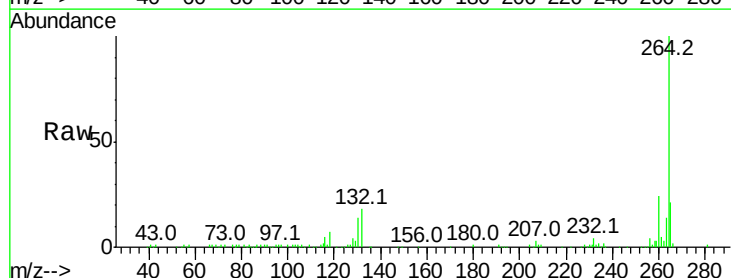
Tgt Ion:264 Resp: 141811

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

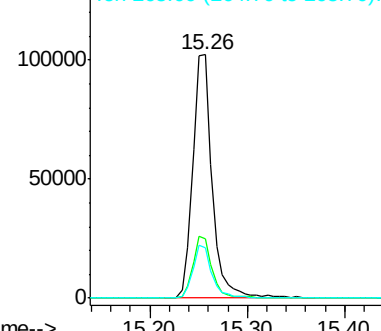
265 20.9 17.2 25.8



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



Time-->

