

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
 Data File : BF098083.D
 Acq On : 28 Aug 2017 23:11
 Operator : SJ/JU
 Sample : I4948-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-COMP

Quant Time: Aug 29 09:06:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	97544	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	377170	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	159615	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	314799	20.00	ng	0.00
75) Chrysene-d12	13.89	240	262504	20.00	ng	0.00
86) Perylene-d12	15.31	264	208242	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	784194	122.29	ng	0.00
7) Phenol-d6	6.38	99	980822	112.57	ng	0.00
23) Nitrobenzene-d5	7.30	82	666432	95.99	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	202982	146.57	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	986805	90.83	ng	-0.01
78) Terphenyl-d14	12.84	244	909139	72.22	ng	0.00

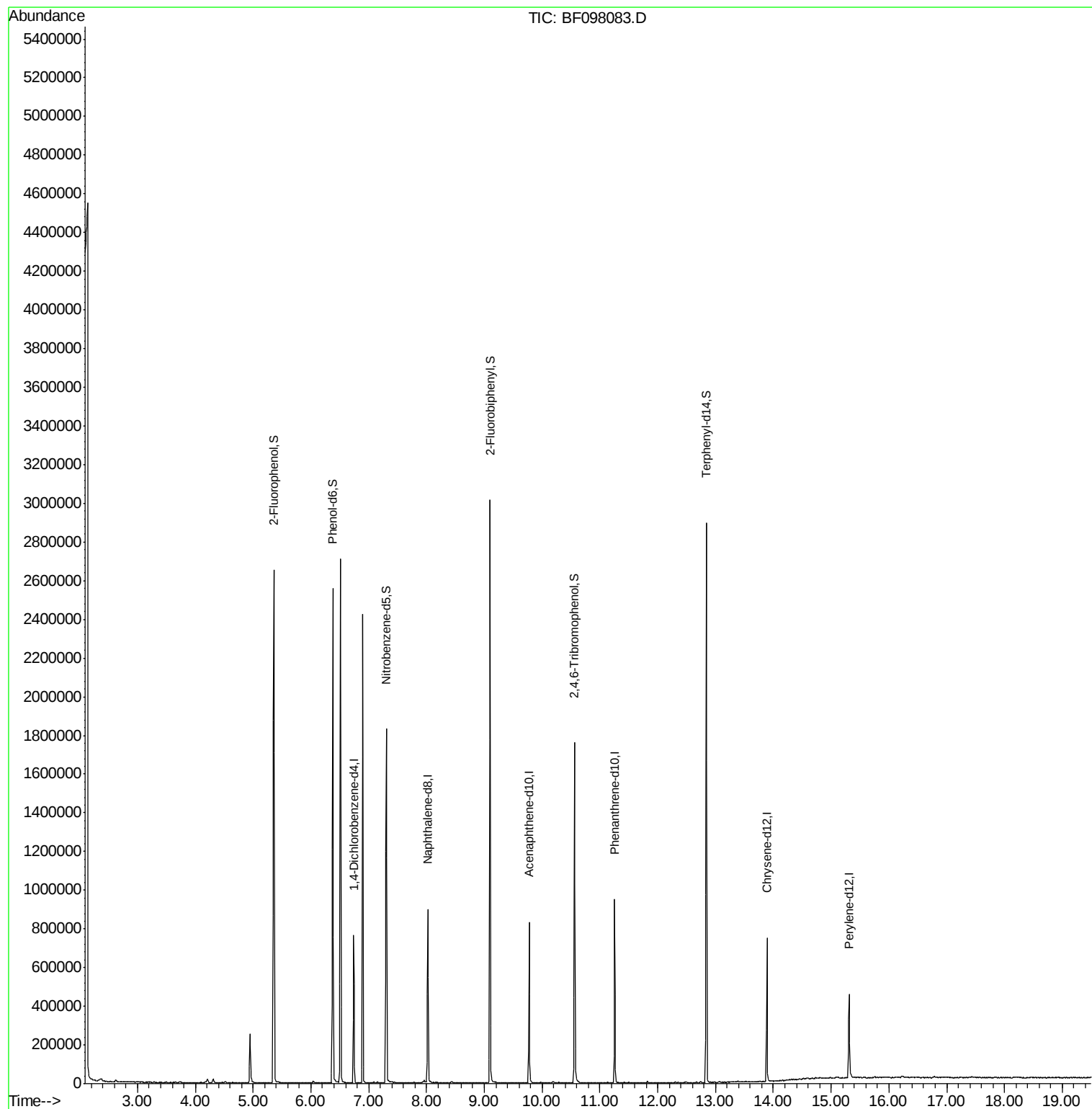
Target Compounds Qvalue

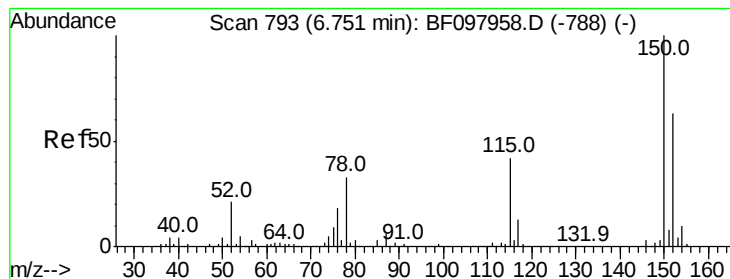
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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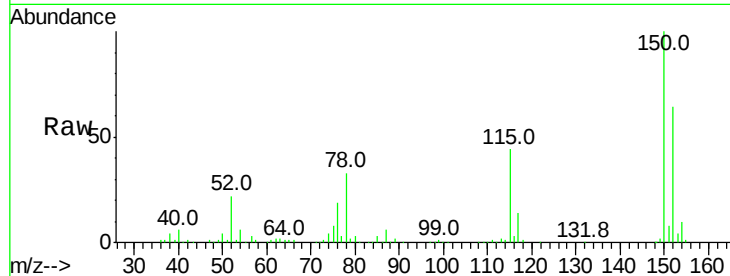


#1

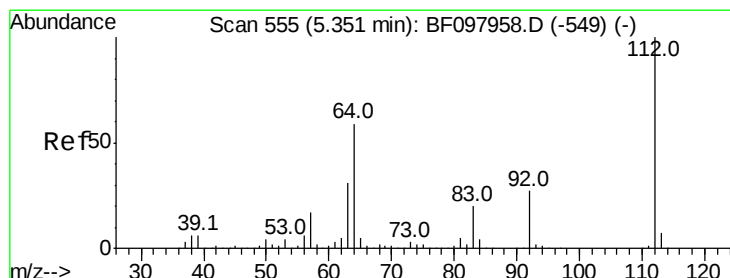
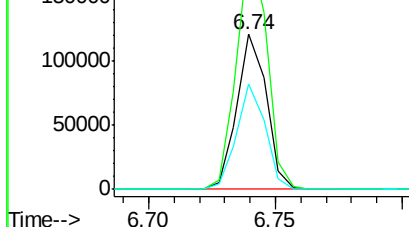
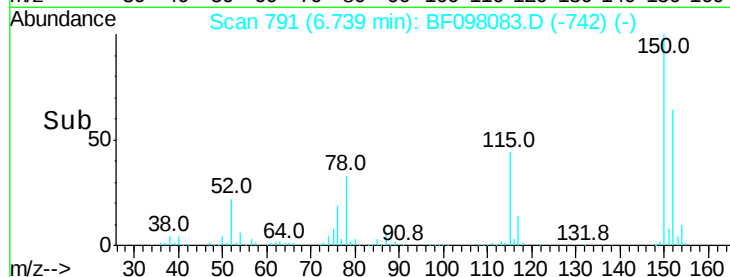
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF098083.D
 Acq: 28 Aug 2017 23:11

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-COMP

Tot Ion:152 Resp: 97544
 Ion Ratio Lower Upper
 152 100
 150 157.4 126.2 189.2
 115 68.5 52.2 78.2



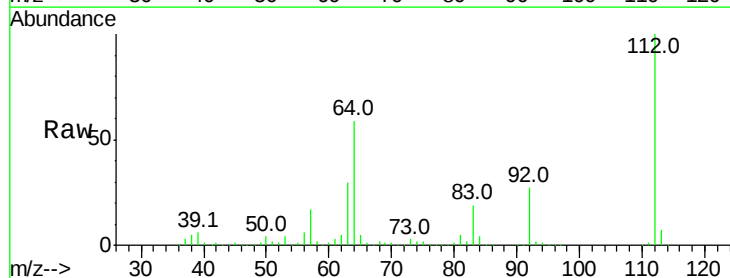
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



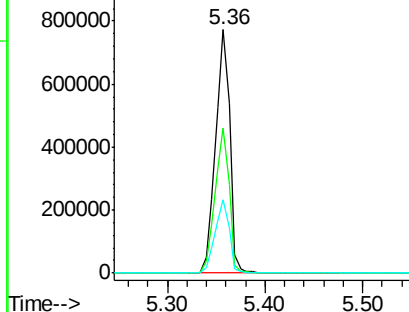
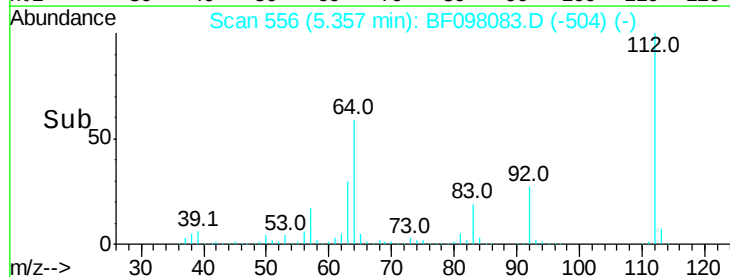
#5

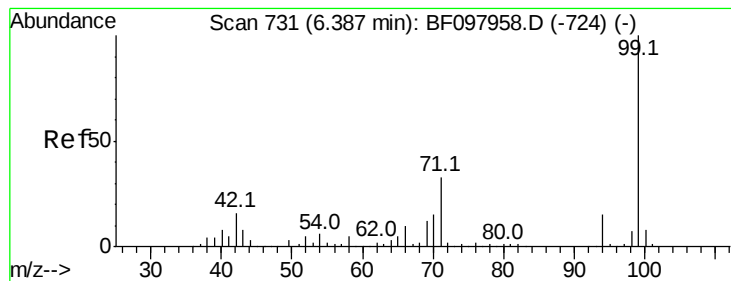
2-Fluorophenol
 Concen: 122.285 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF098083.D
 Acq: 28 Aug 2017 23:11

Tgt Ion:112 Resp: 784194
 Ion Ratio Lower Upper
 112 100
 64 59.5 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: 112.567 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098083.D

Acq: 28 Aug 2017 23:11

Instrument :

BNA_F

ClientSampleId :

TP-2-COMP

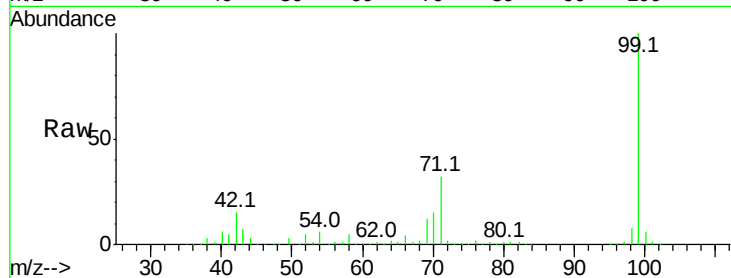
Tot Ion: 99 Resp: 980822

Ion Ratio Lower Upper

99 100

42 14.7 13.5 20.3

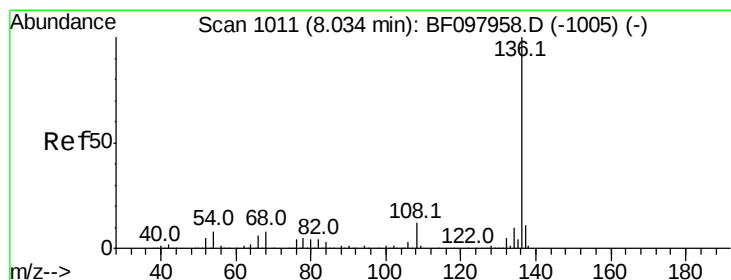
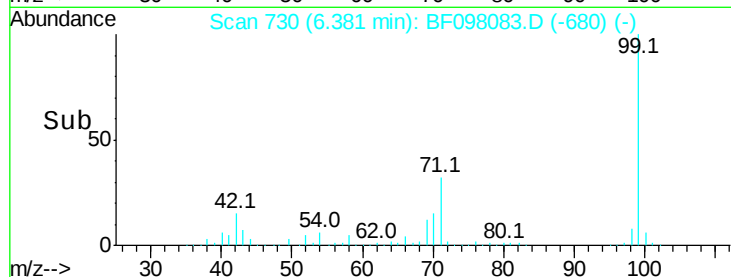
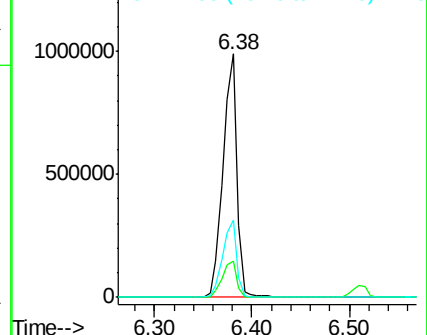
71 31.5 24.5 36.7



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: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF098083.D

Acq: 28 Aug 2017 23:11

Tgt Ion: 136 Resp: 377170

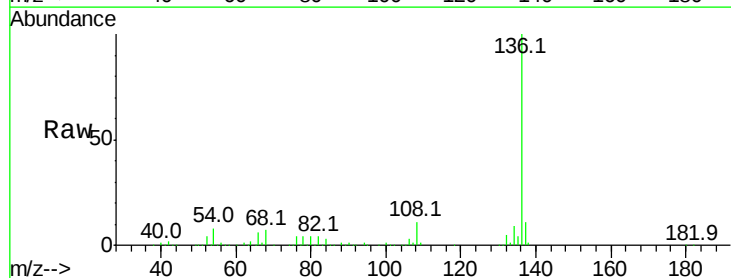
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.5 4.9 7.3#

68 7.3 4.1 6.1#

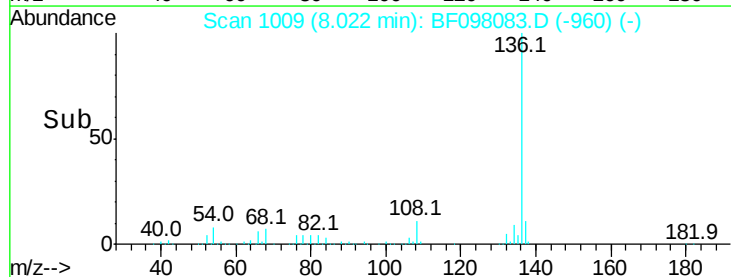
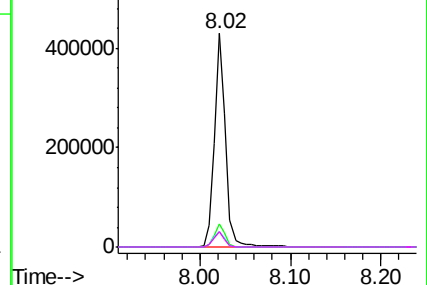


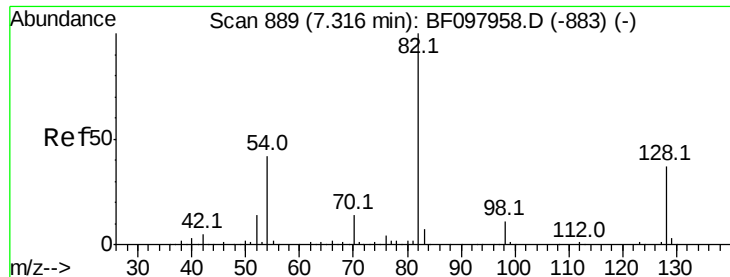
Abundance Ion 136.00 (135.70 to 136.70): E

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

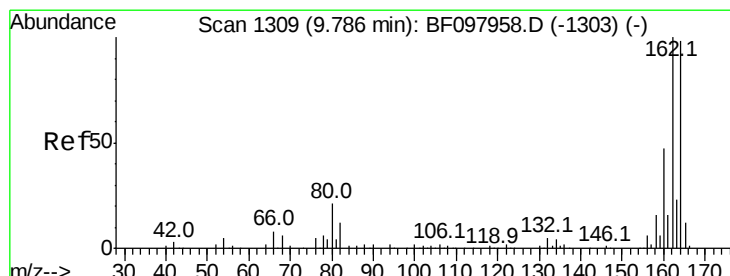
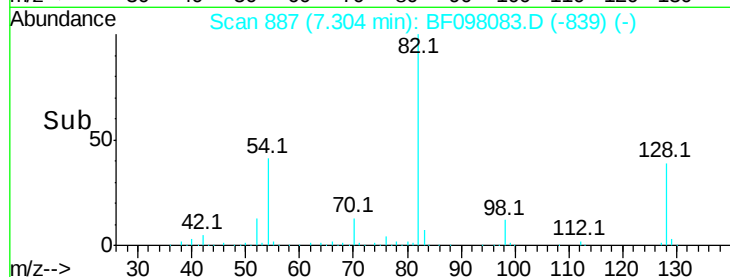
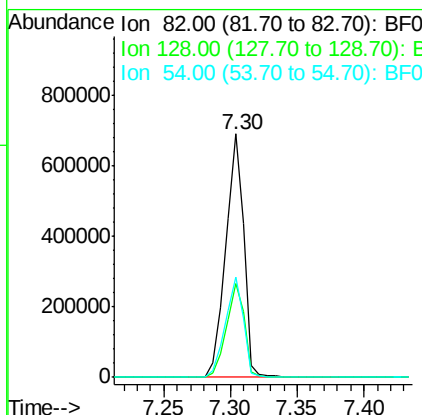
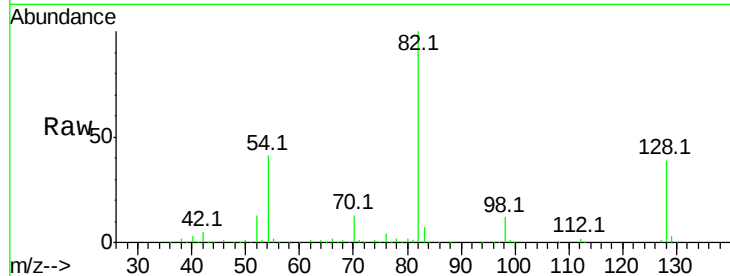




#23
 Nitrobenzene-d5
 Concen: 95.988 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF098083.D
 Acq: 28 Aug 2017 23:11

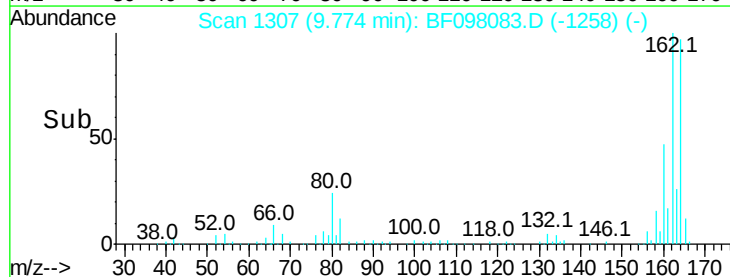
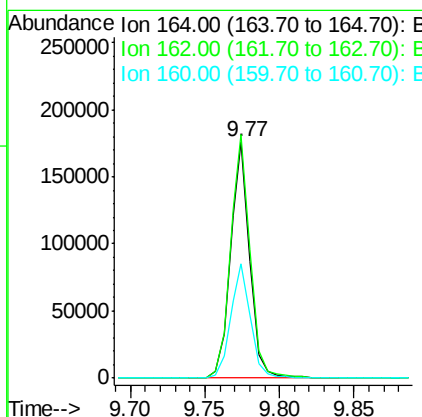
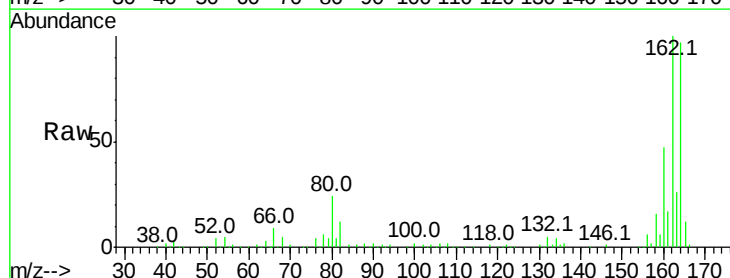
Instrument :
 BNA_F
 ClientSampleId :
 TP-2-COMP

Tot Ion: 82 Resp: 666432
 Ion Ratio Lower Upper
 82 100
 128 38.6 34.0 51.0
 54 41.1 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF098083.D
 Acq: 28 Aug 2017 23:11

Tgt Ion:164 Resp: 159615
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.6 123.8
 160 48.3 36.2 54.2

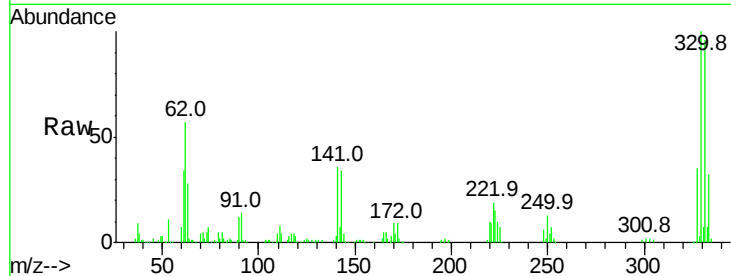




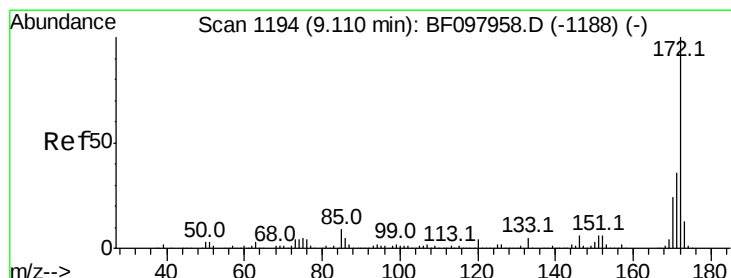
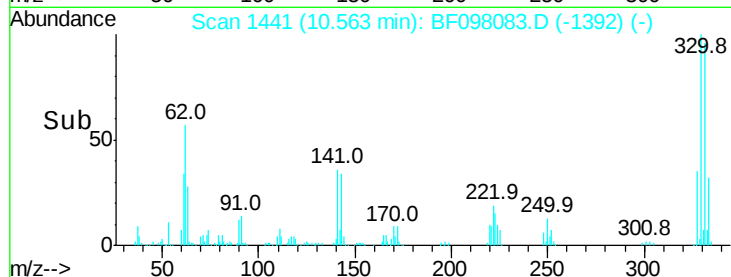
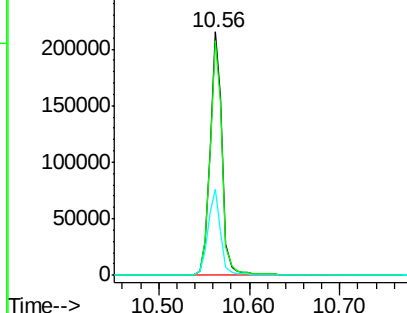
#41
 2,4,6-Tribromophenol
 Concen: 146.566 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098083.D
 Acq: 28 Aug 2017 23:11

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-COMP

Tot Ion:330 Resp: 202982
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 115.0
 141 37.1 31.4 47.2

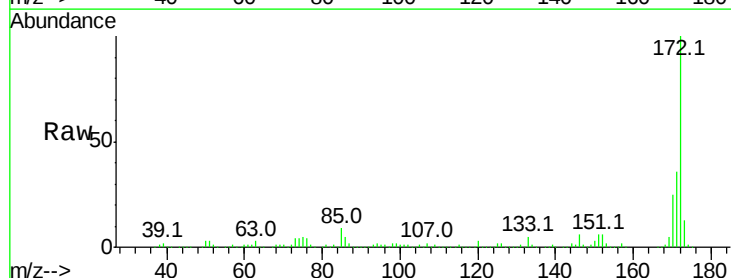


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

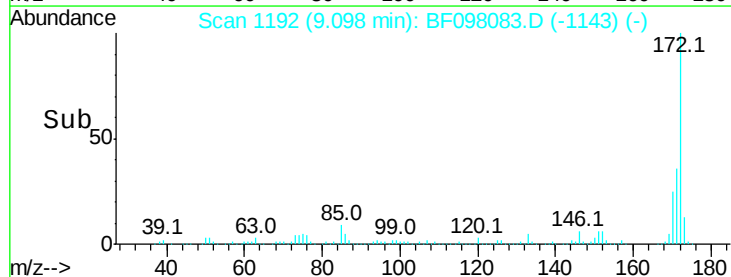
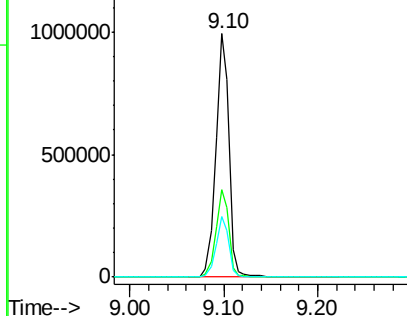


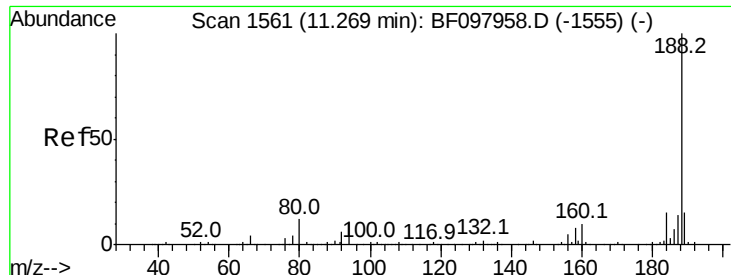
#44
 2-Fluorobiphenyl
 Concen: 90.832 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098083.D
 Acq: 28 Aug 2017 23:11

Tgt Ion:172 Resp: 986805
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.7 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: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF098083.D

Acq: 28 Aug 2017 23:11

Instrument :

BNA_F

ClientSampleId :

TP-2-COMP

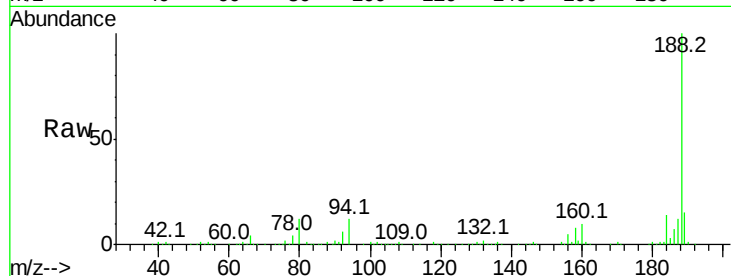
Tot Ion:188 Resp: 314799

Ion Ratio Lower Upper

188 100

94 11.7 9.4 14.2

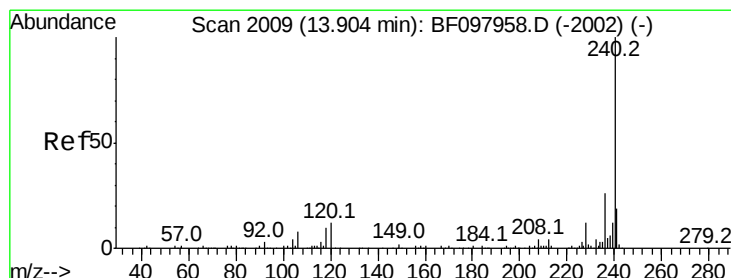
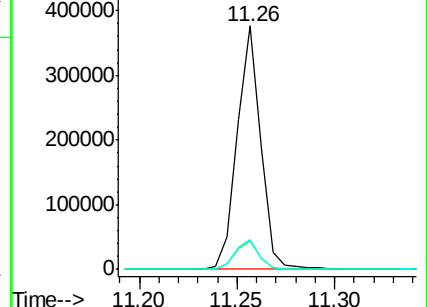
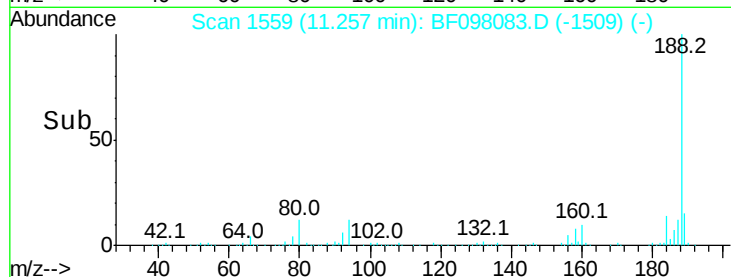
80 12.1 10.2 15.2



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: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF098083.D

Acq: 28 Aug 2017 23:11

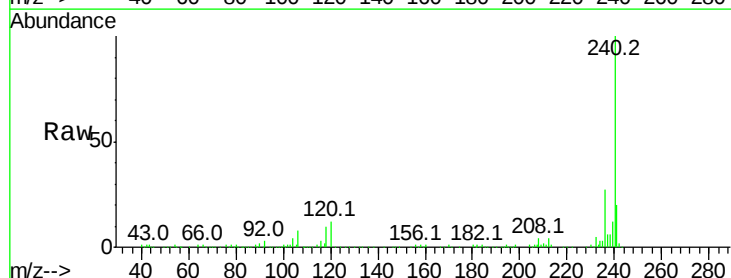
Tgt Ion:240 Resp: 262504

Ion Ratio Lower Upper

240 100

120 11.7 5.8 8.8#

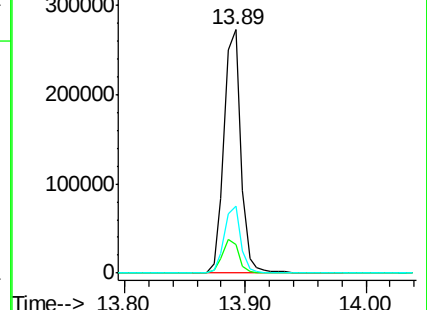
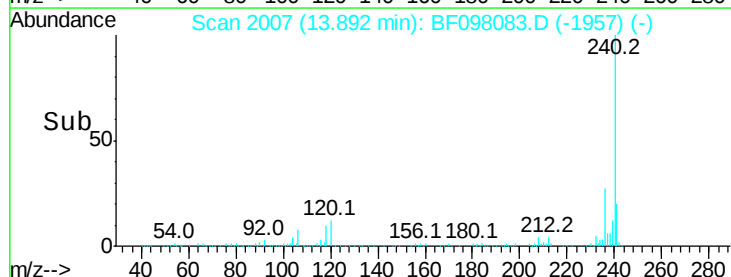
236 27.3 20.5 30.7

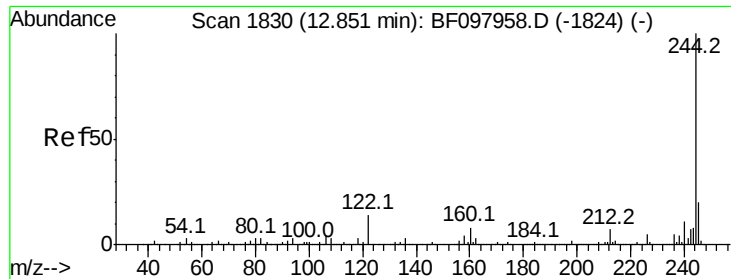


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

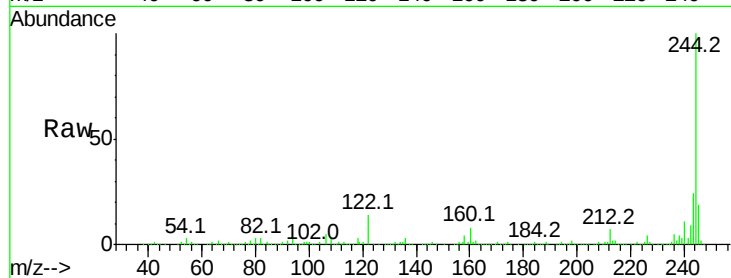




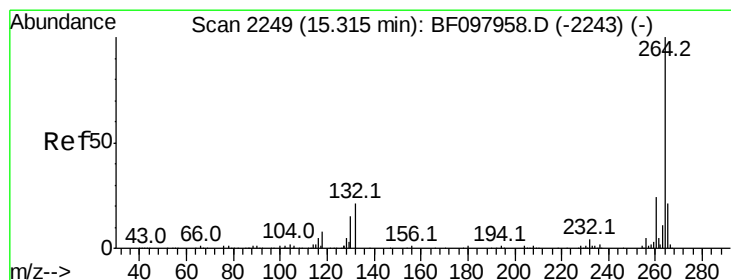
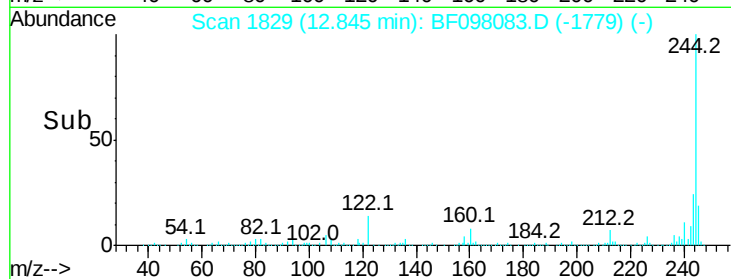
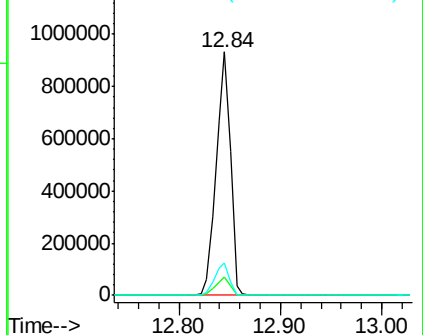
#78
 Terphenyl-d14
 Concen: 72.222 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF098083.D
 Acq: 28 Aug 2017 23:11

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-COMP

Tot Ion:244 Resp: 909139
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 13.6 10.3 15.5

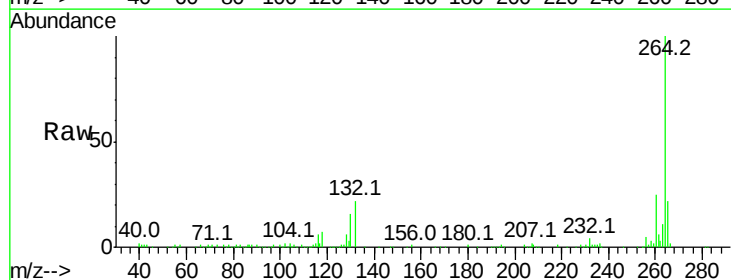


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. -0.00 min
 Lab File: BF098083.D
 Acq: 28 Aug 2017 23:11

Tgt Ion:264 Resp: 208242
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.5 29.3
 265 21.6 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

