

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083117\
 Data File : BF098212.D
 Acq On : 31 Aug 2017 23:27
 Operator : SJ/JU
 Sample : I5001-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-115

Quant Time: Sep 01 04:29:35 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	6.72	152	125442	20.00	ng	-0.04
21) Naphthalene-d8	8.00	136	511630	20.00	ng	-0.04
38) Acenaphthene-d10	9.75	164	240058	20.00	ng	-0.04
63) Phenanthrene-d10	11.23	188	471326	20.00	ng	-0.03
75) Chrysene-d12	13.87	240	340372	20.00	ng	-0.03
86) Perylene-d12	15.28	264	250723	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	310032	37.59	ng	-0.01
7) Phenol-d6	6.36	99	313015	27.93	ng	-0.03
23) Nitrobenzene-d5	7.29	82	702464	74.59	ng	-0.04
41) 2,4,6-Tribromophenol	10.55	330	149868	71.95	ng	-0.03
44) 2-Fluorobiphenyl	9.08	172	1087074	66.53	ng	-0.03
78) Terphenyl-d14	12.83	244	1038370	63.62	ng	-0.02

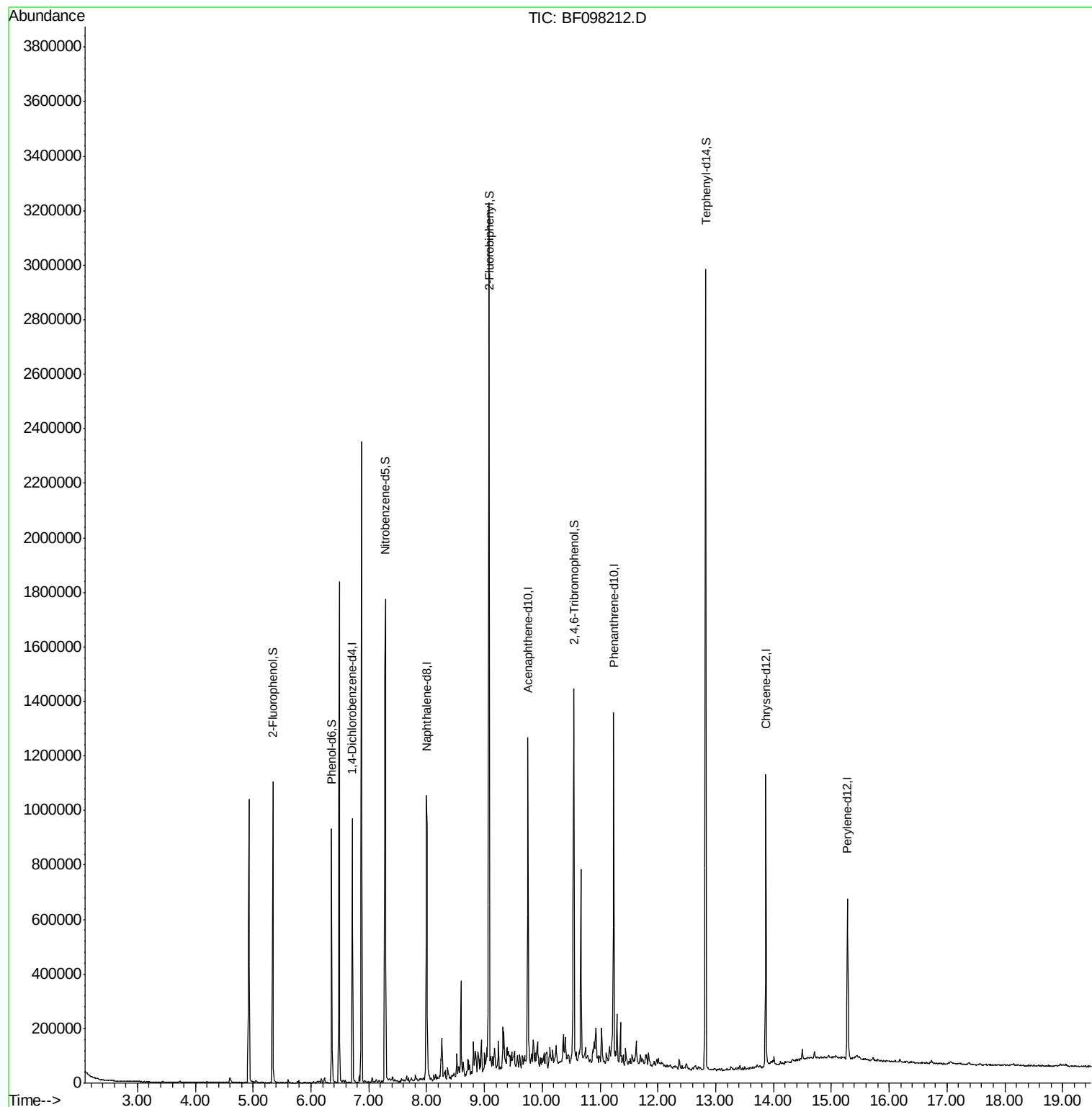
Target Compounds Qvalue

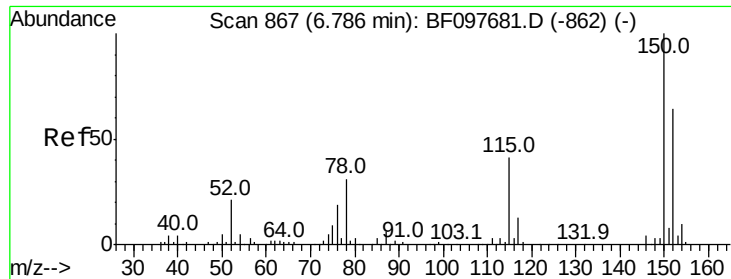
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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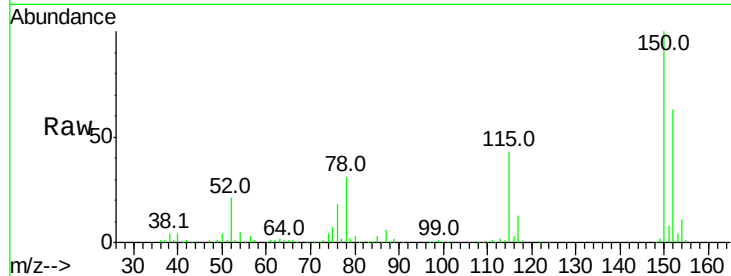


#1

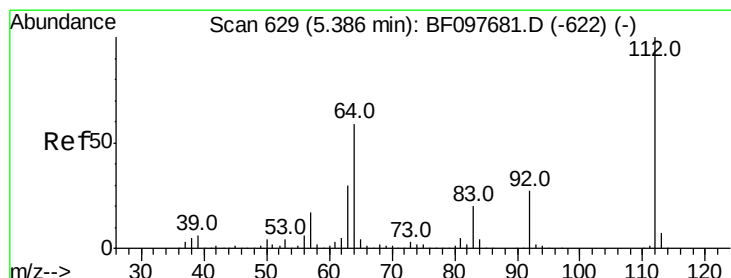
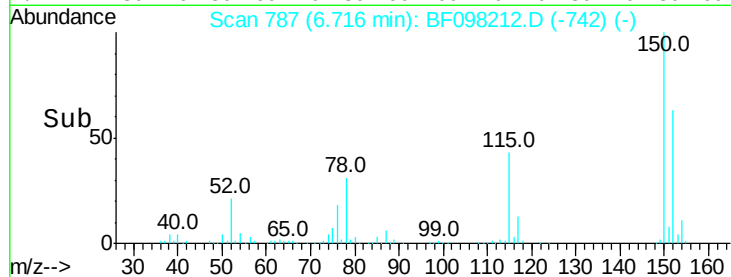
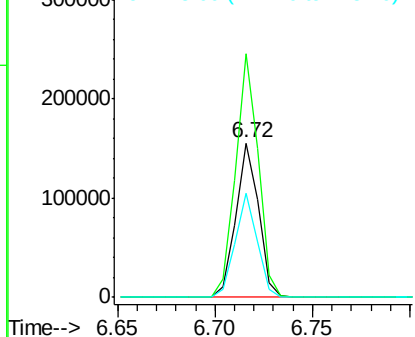
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.04 min
 Lab File: BF098212.D
 Acq: 31 Aug 2017 23:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-115

Tot Ion:152 Resp: 125442
 Ion Ratio Lower Upper
 152 100
 150 158.0 126.2 189.2
 115 67.3 52.2 78.2



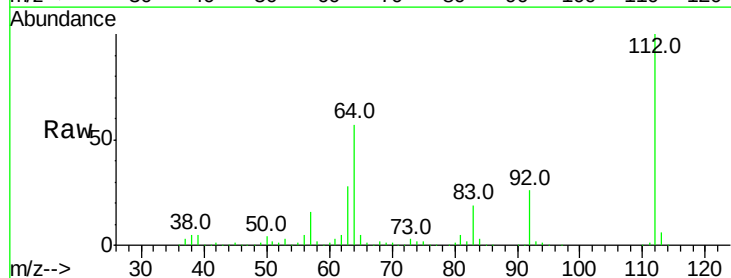
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



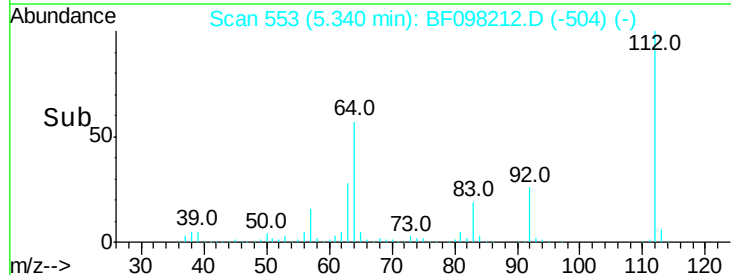
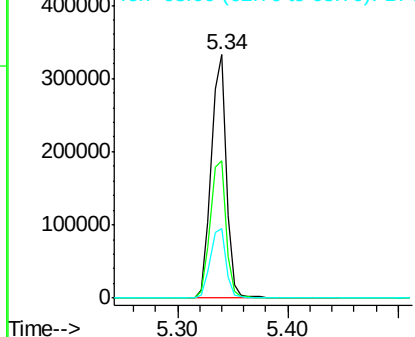
#5

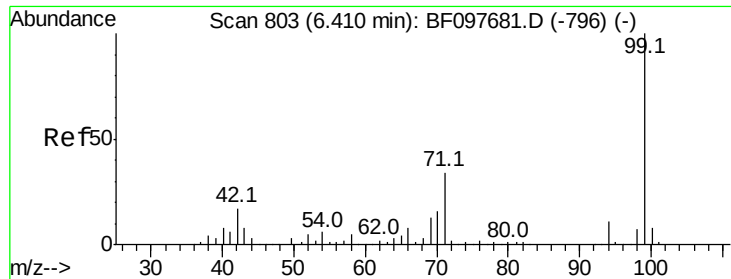
2-Fluorophenol
 Concen: 37.594 ng
 RT: 5.34 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF098212.D
 Acq: 31 Aug 2017 23:27

Tgt Ion:112 Resp: 310032
 Ion Ratio Lower Upper
 112 100
 64 56.6 46.0 69.0
 63 28.4 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: 27.935 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF098212.D

Acq: 31 Aug 2017 23:27

Instrument :

BNA_F

ClientSampleId :

MW-115

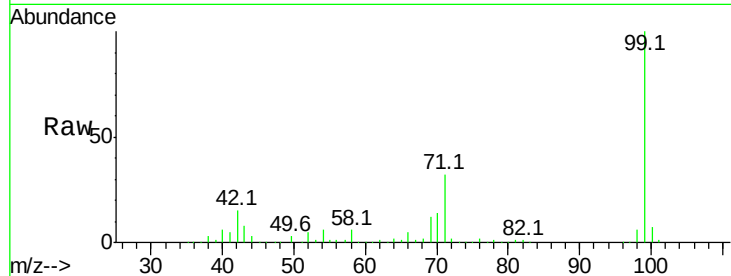
Tot Ion: 99 Resp: 313015

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

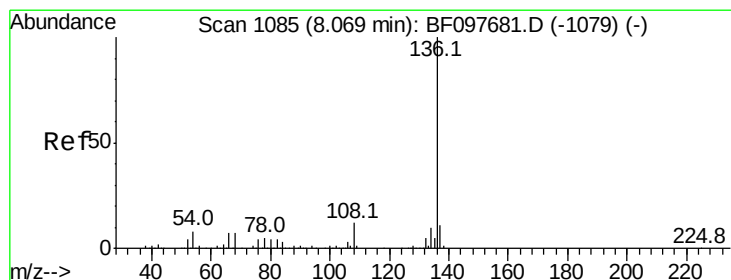
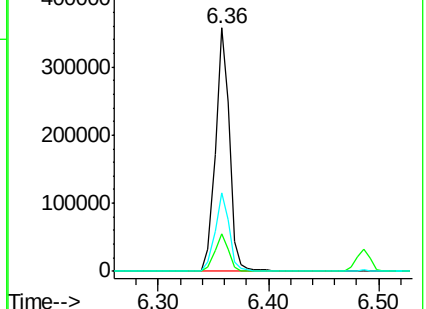
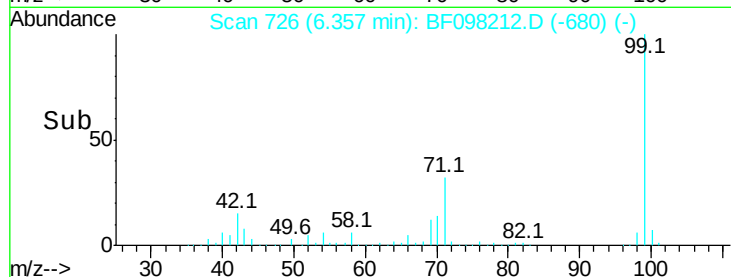
71 32.4 24.5 36.7



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: 8.00 min Scan# 1005

Delta R.T. -0.04 min

Lab File: BF098212.D

Acq: 31 Aug 2017 23:27

Tgt Ion: 136 Resp: 511630

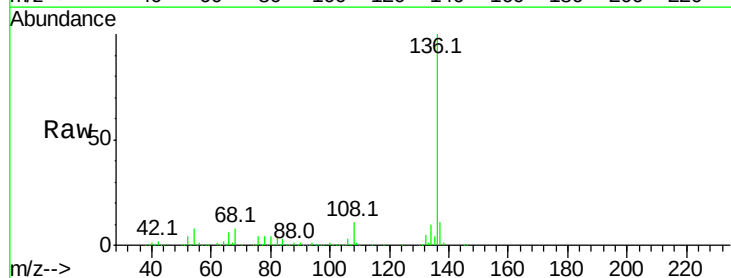
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.6 4.9 7.3#

68 7.8 4.1 6.1#

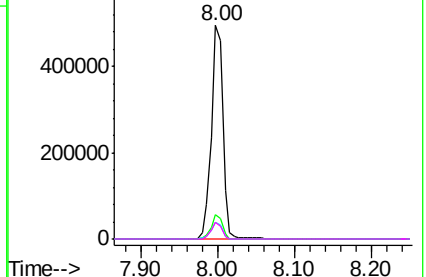
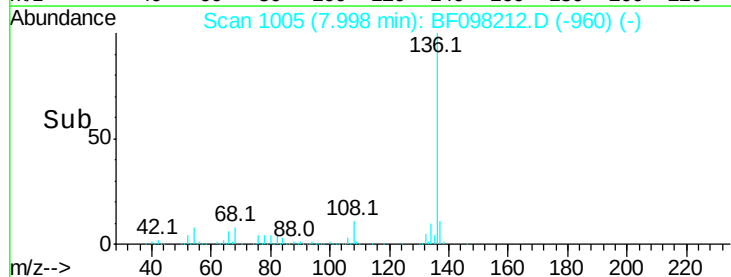


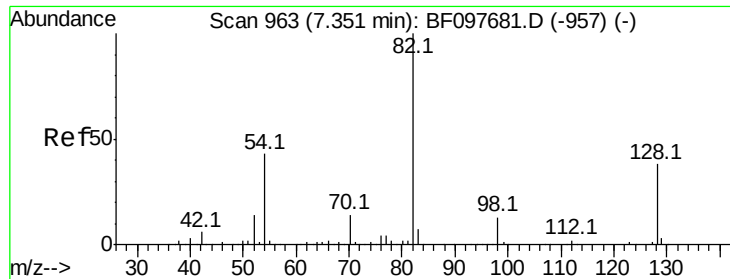
Abundance Ion 136.00 (135.70 to 136.70): E

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

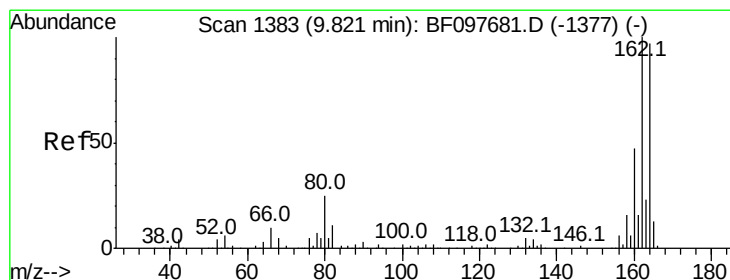
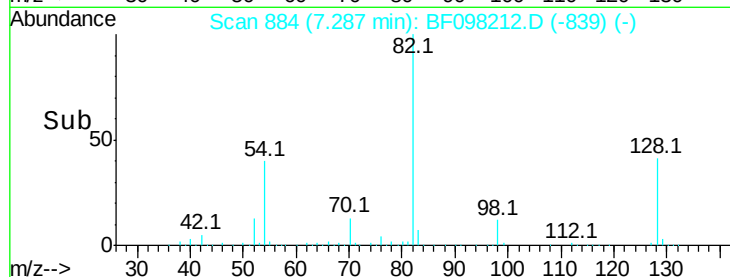
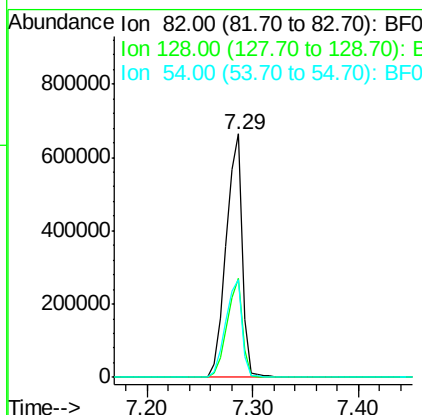
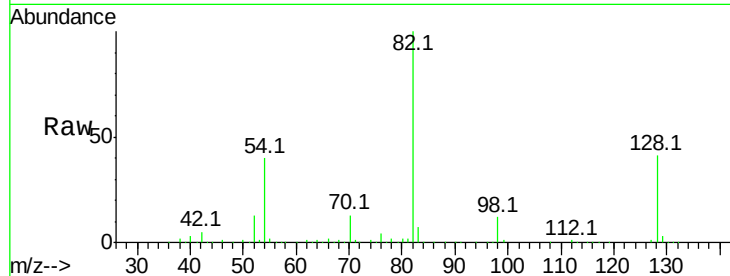




#23
 Nitrobenzene-d5
 Concen: 74.587 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.04 min
 Lab File: BF098212.D
 Acq: 31 Aug 2017 23:27

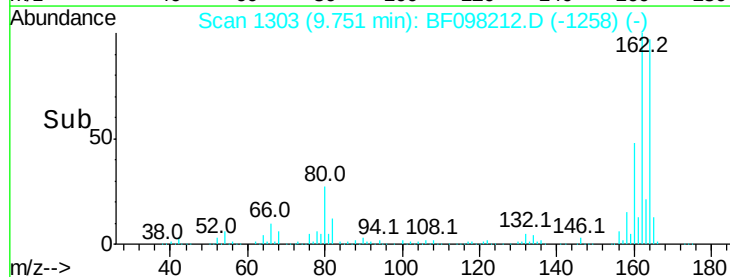
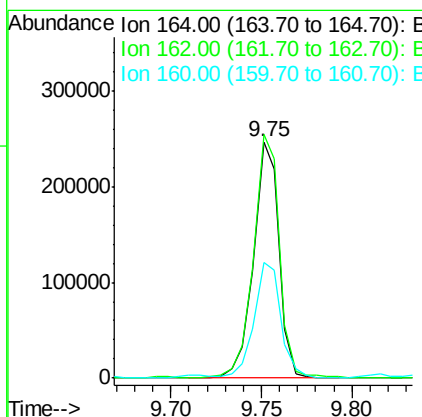
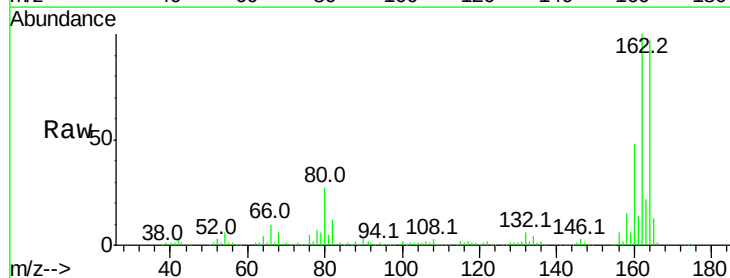
Instrument :
 BNA_F
 ClientSampleId :
 MW-115

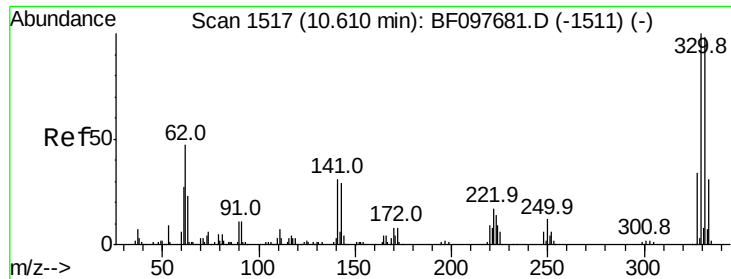
Tot Ion: 82 Resp: 702464
 Ion Ratio Lower Upper
 82 100
 128 40.9 34.0 51.0
 54 40.2 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.04 min
 Lab File: BF098212.D
 Acq: 31 Aug 2017 23:27

Tgt Ion:164 Resp: 240058
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.6 123.8
 160 49.1 36.2 54.2

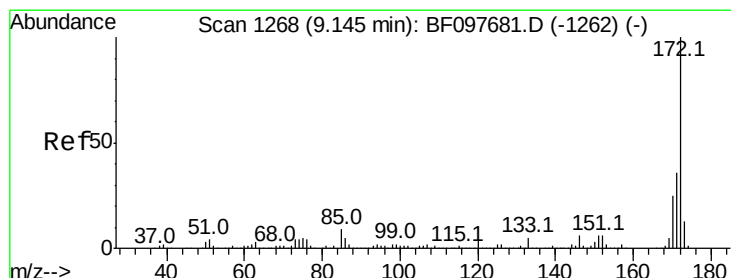
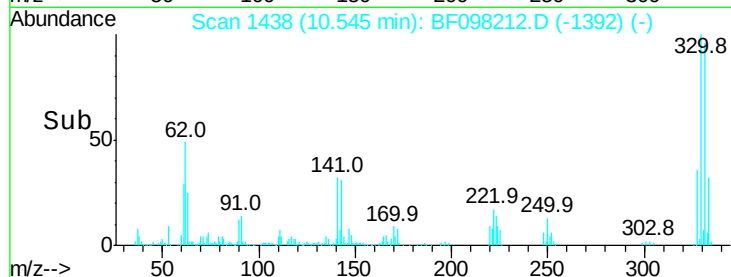
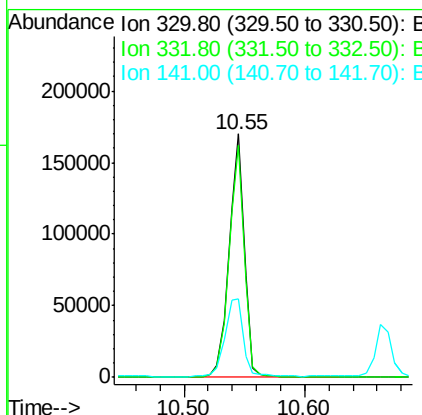
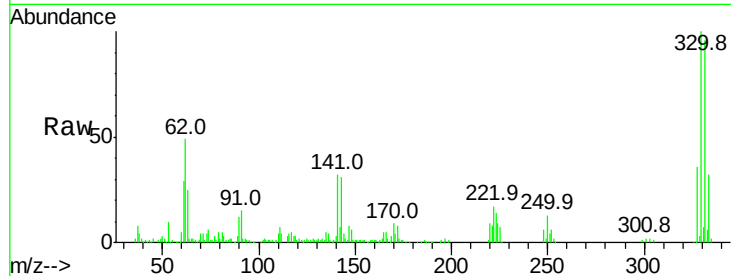




#41
 2,4,6-Tribromophenol
 Concen: 71.952 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.03 min
 Lab File: BF098212.D
 Acq: 31 Aug 2017 23:27

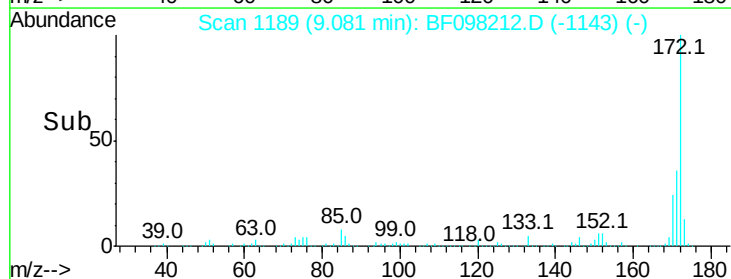
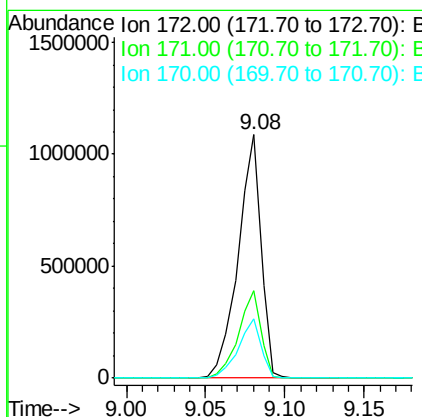
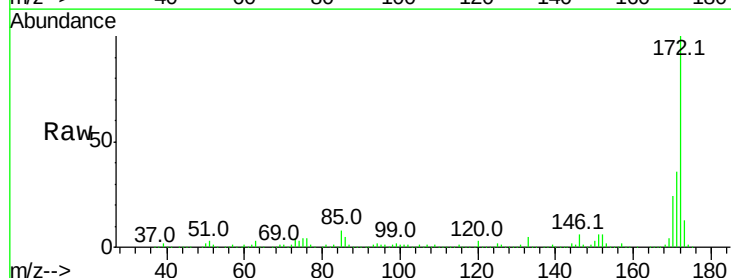
Instrument :
 BNA_F
 ClientSampleId :
 MW-115

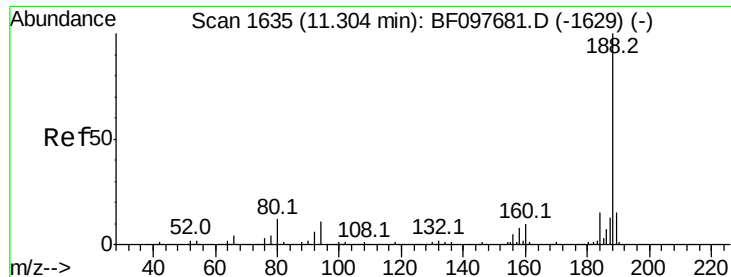
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	39.0	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 66.531 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF098212.D
 Acq: 31 Aug 2017 23:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.2	19.8	29.8

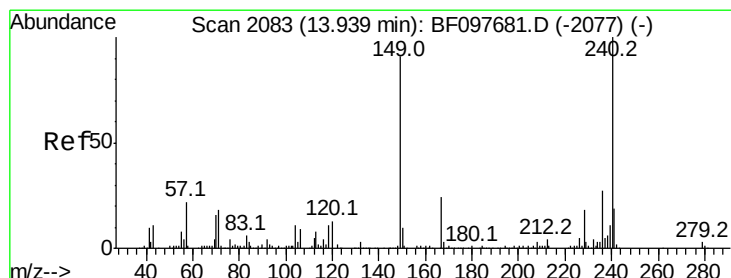
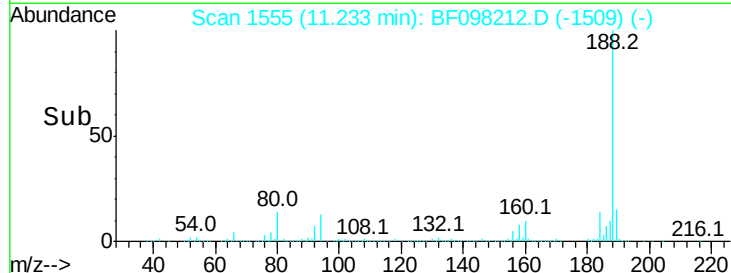
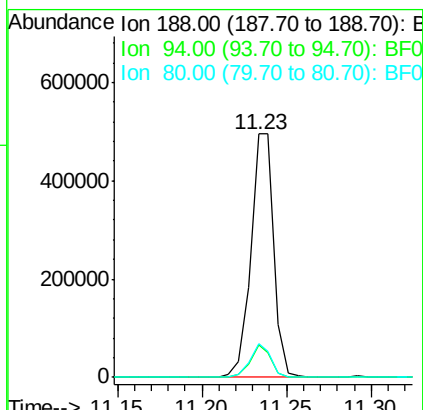
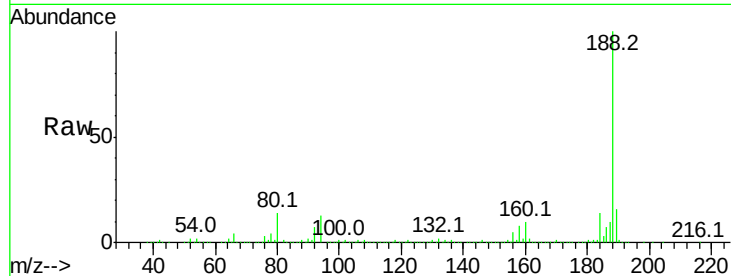




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.03 min
Lab File: BF098212.D
Acq: 31 Aug 2017 23:27

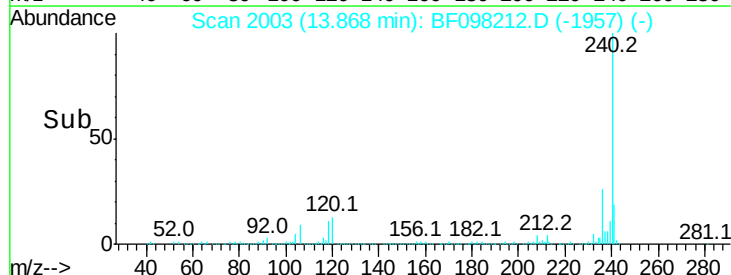
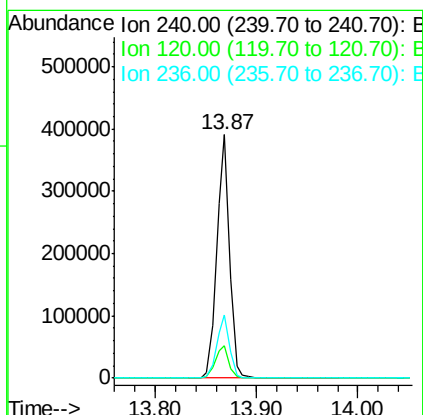
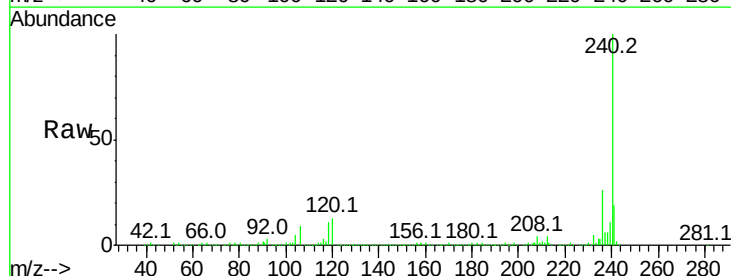
Instrument :
BNA_F
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MW-115

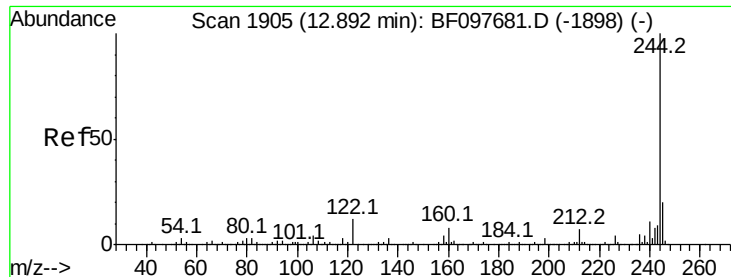
Tot Ion:188 Resp: 471326
Ion Ratio Lower Upper
188 100
94 13.1 9.4 14.2
80 14.0 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.03 min
Lab File: BF098212.D
Acq: 31 Aug 2017 23:27

Tgt Ion:240 Resp: 340372
Ion Ratio Lower Upper
240 100
120 13.2 5.8 8.8#
236 26.1 20.5 30.7

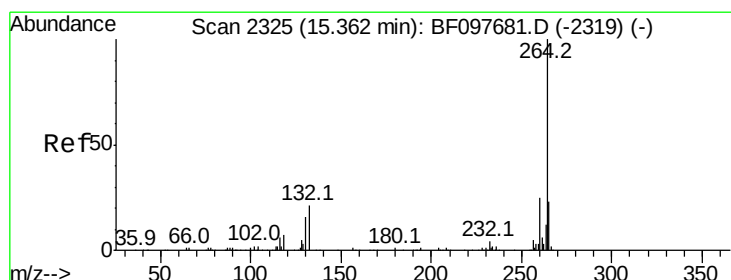
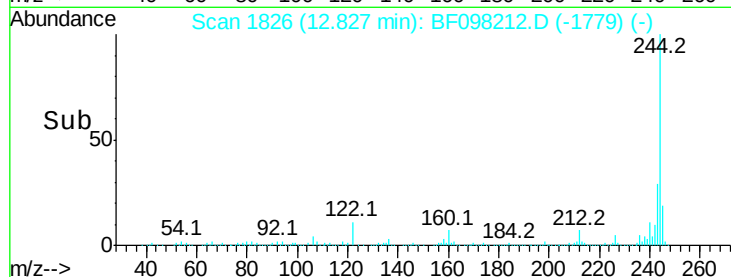
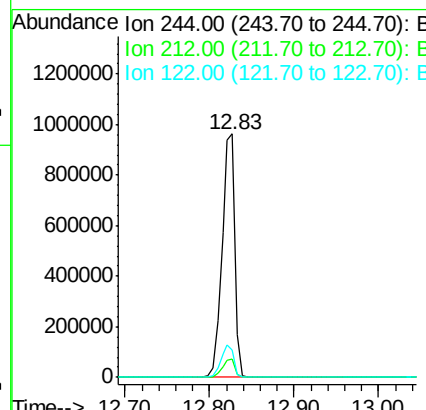
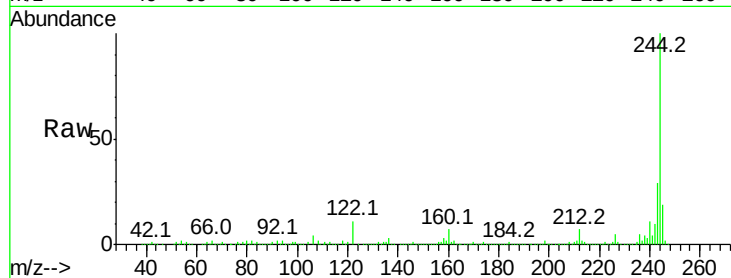




#78
 Terphenyl-d14
 Concen: 63.617 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF098212.D
 Acq: 31 Aug 2017 23:27

Instrument :
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 ClientSampleId :
 MW-115

Tot Ion:244 Resp: 1038370
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 11.5 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.03 min
 Lab File: BF098212.D
 Acq: 31 Aug 2017 23:27

Tgt Ion:264 Resp: 250723
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.4 17.2 25.8

