

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097498.D
 Acq On : 9 Aug 2017 5:06
 Operator : SJ/JU
 Sample : I4604-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7-080217

Quant Time: Aug 09 05:38:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	97626	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	364921	20.00	ng	0.00
38) Acenaphthene-d10	9.43	164	154148	20.00	ng	0.00
63) Phenanthrene-d10	10.90	188	222891	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	190371	20.00	ng	0.00
86) Perylene-d12	14.87	264	143870	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	438423	67.70	ng	0.00
7) Phenol-d6	6.08	99	320073	43.29	ng	0.00
23) Nitrobenzene-d5	6.98	82	588597	94.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.22	330	145998	119.88	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	893150	98.33	ng	0.00
78) Terphenyl-d14	12.49	244	628606	67.32	ng	0.00

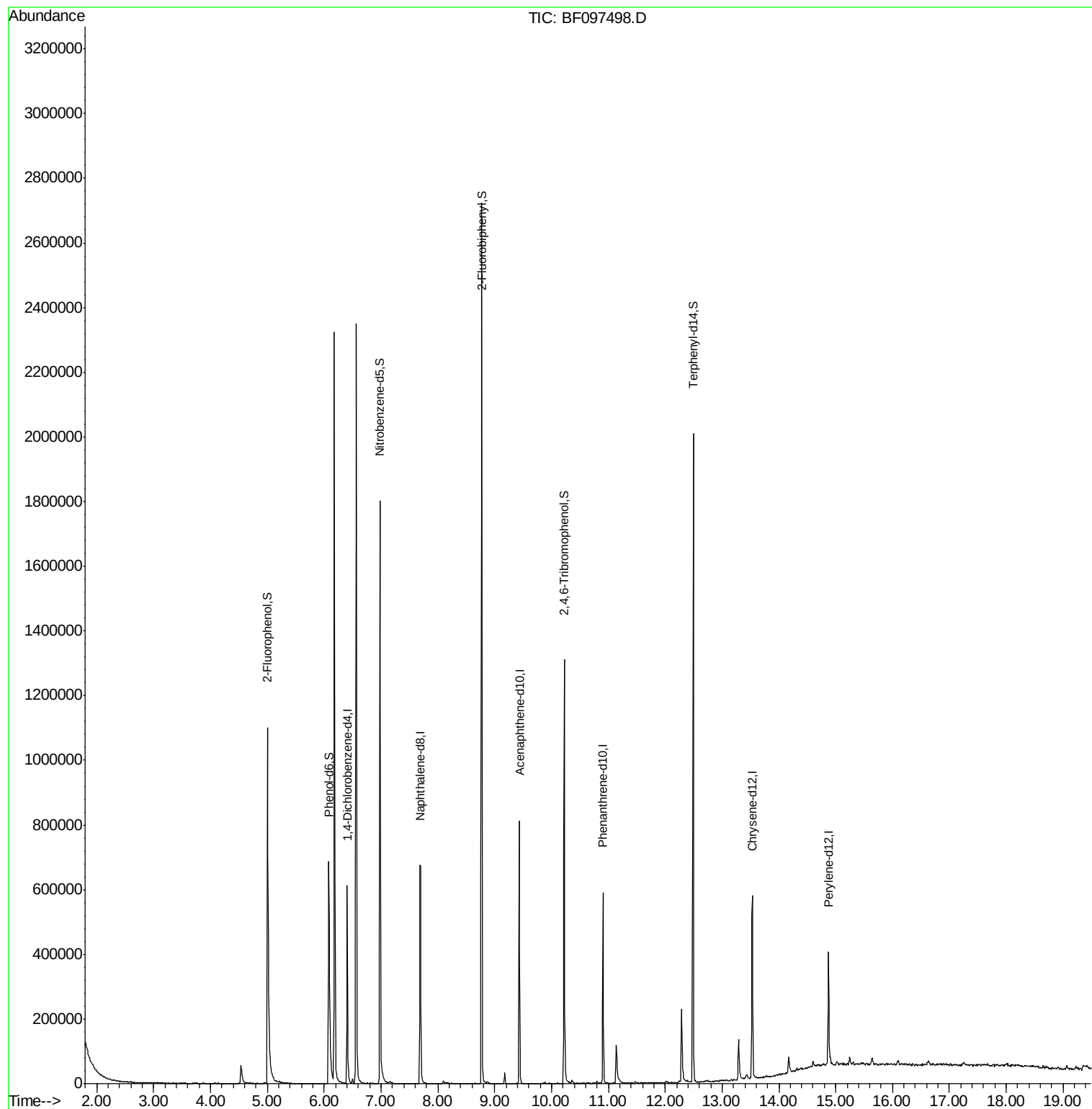
Target Compounds Qvalue

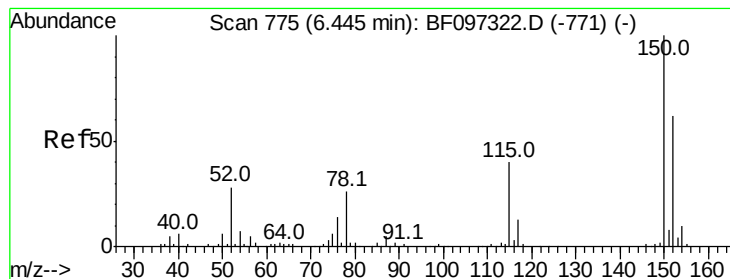
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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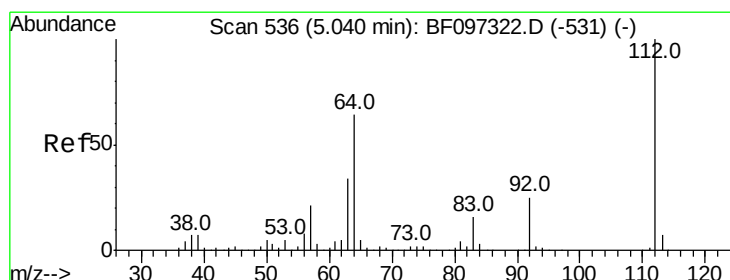
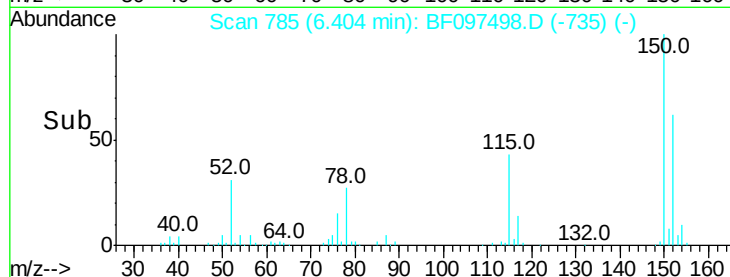
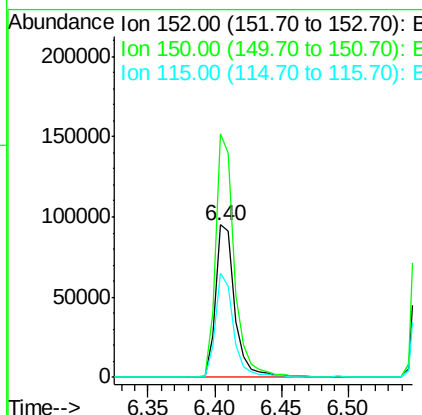
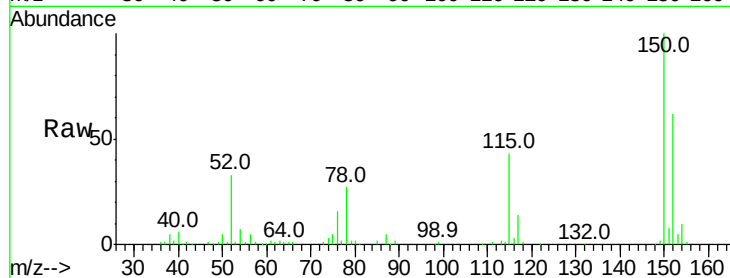


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097498.D
Acq: 9 Aug 2017 5:06

Instrument :
BNA_F
ClientSampleId :
MW-7-080217

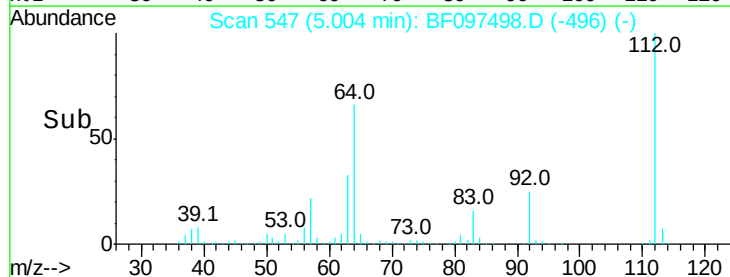
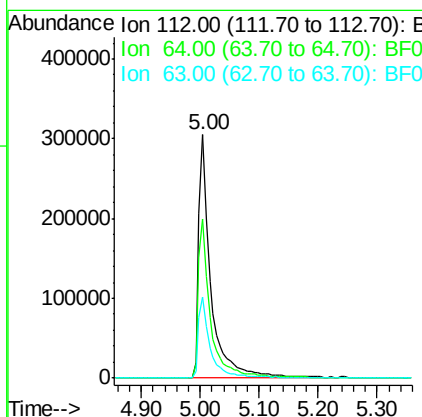
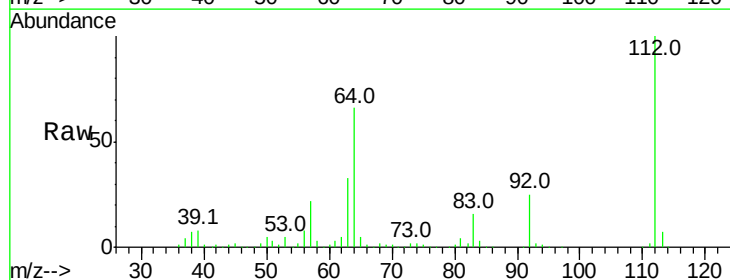
Tot Ion:152 Resp: 97626
Ion Ratio Lower Upper
152 100
150 160.1 126.2 189.2
115 68.2 52.2 78.2

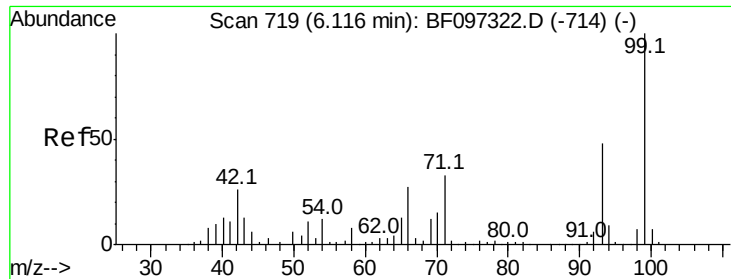


#5

2-Fluorophenol
Concen: 67.699 ng
RT: 5.00 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF097498.D
Acq: 9 Aug 2017 5:06

Tgt Ion:112 Resp: 438423
Ion Ratio Lower Upper
112 100
64 65.5 46.0 69.0
63 33.1 23.4 35.0





#7

Phenol-d6

Concen: 43.293 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097498.D

Acq: 9 Aug 2017 5:06

Instrument :

BNA_F

ClientSampleId :

MW-7-080217

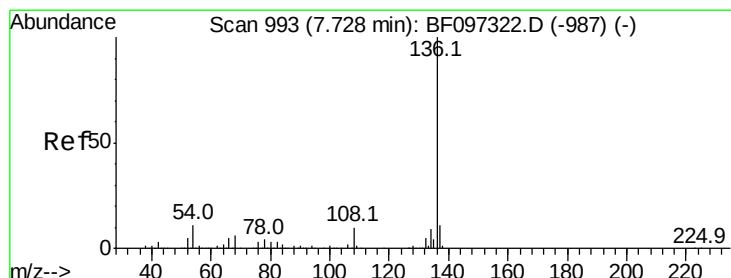
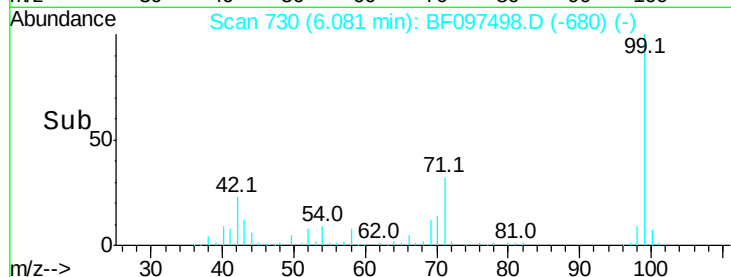
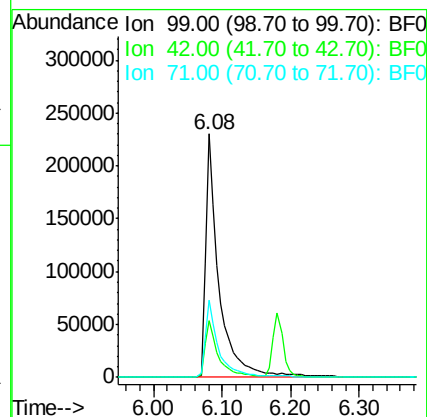
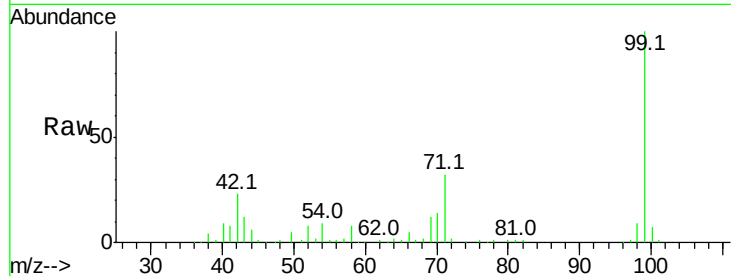
Tot Ion: 99 Resp: 320073

Ion Ratio Lower Upper

99 100

42 23.2 13.5 20.3#

71 31.8 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.69 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF097498.D

Acq: 9 Aug 2017 5:06

Tgt Ion: 136 Resp: 364921

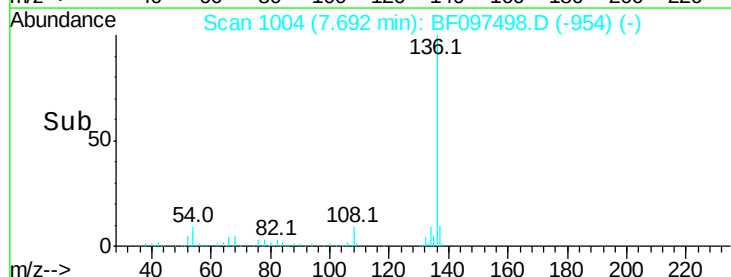
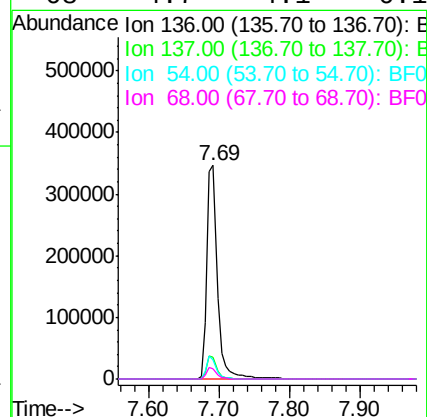
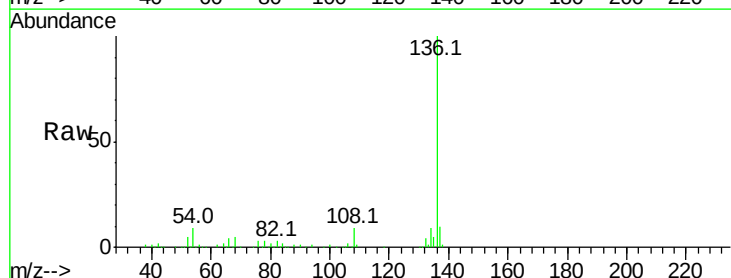
Ion Ratio Lower Upper

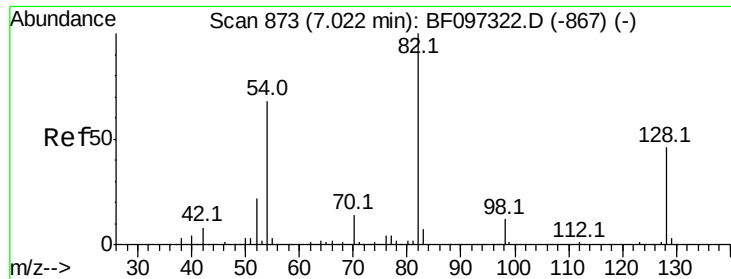
136 100

137 10.3 8.5 12.7

54 9.2 4.9 7.3#

68 4.7 4.1 6.1

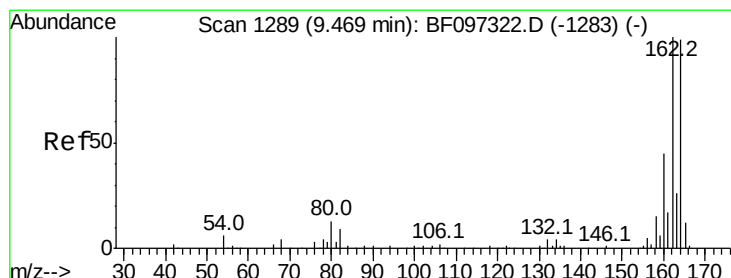
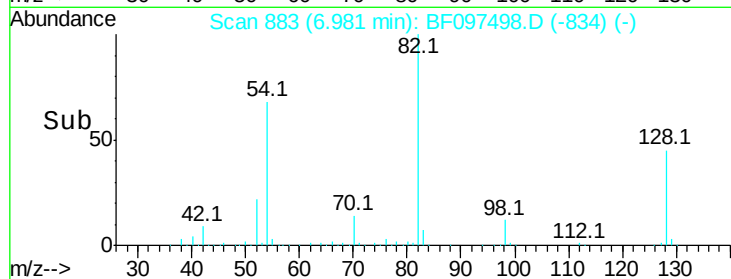
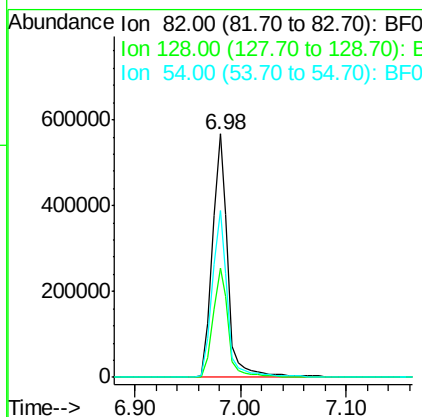
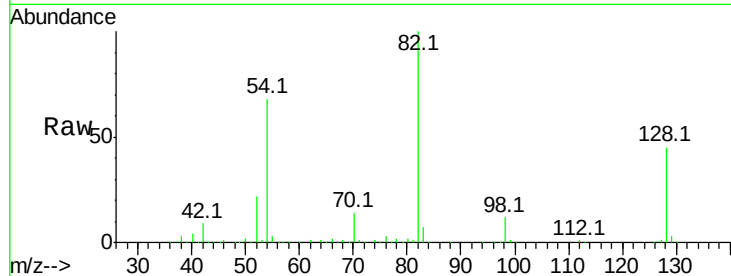




#23
 Nitrobenzene-d5
 Concen: 94.622 ng
 RT: 6.98 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF097498.D
 Acq: 9 Aug 2017 5:06

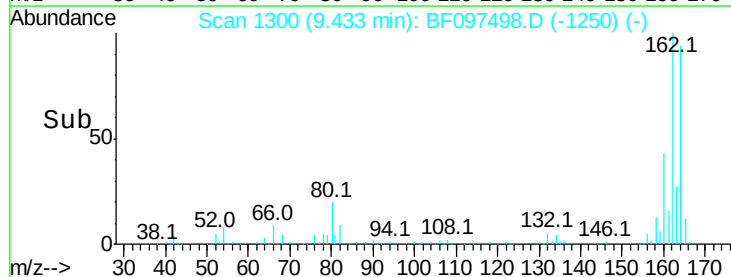
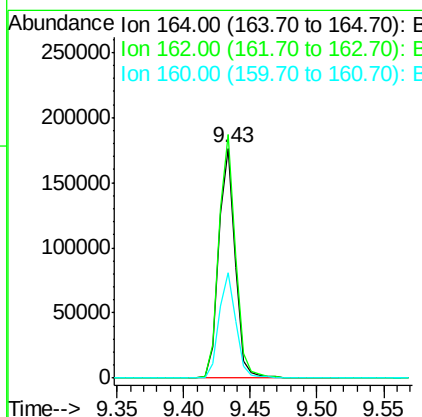
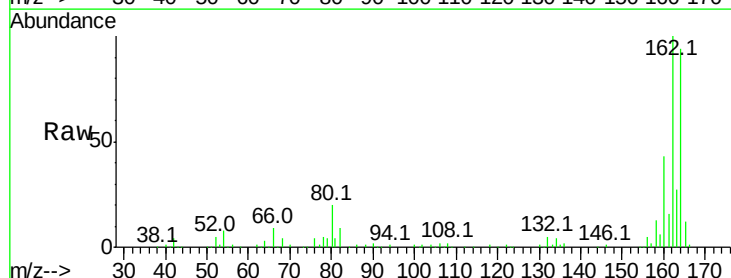
Instrument :
 BNA_F
 ClientSampleId :
 MW-7-080217

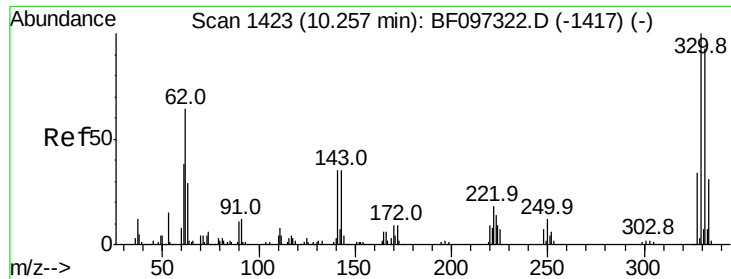
Tot Ion: 82 Resp: 588597
 Ion Ratio Lower Upper
 82 100
 128 44.7 34.0 51.0
 54 68.4 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.43 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF097498.D
 Acq: 9 Aug 2017 5:06

Tgt Ion:164 Resp: 154148
 Ion Ratio Lower Upper
 164 100
 162 105.8 82.6 123.8
 160 45.7 36.2 54.2

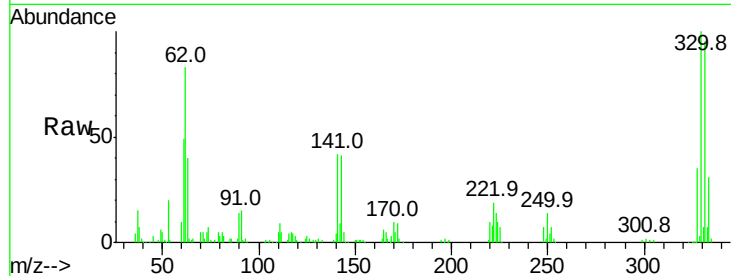




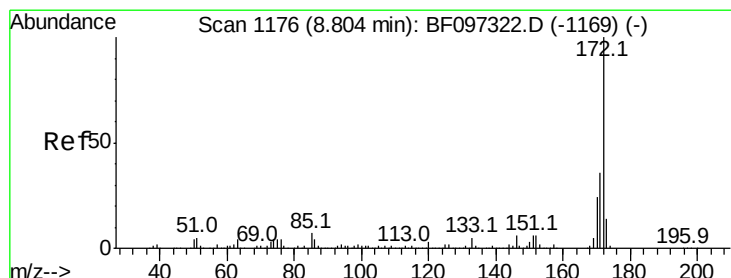
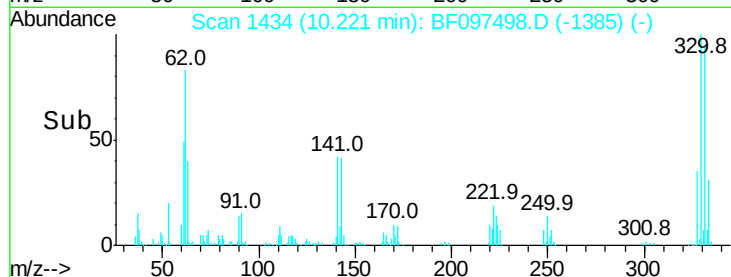
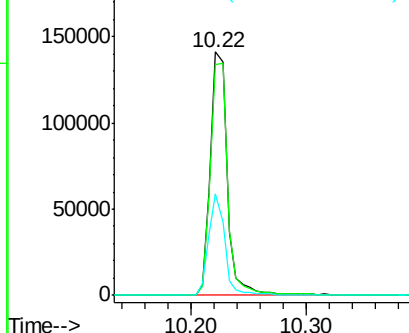
#41
 2,4,6-Tribromophenol
 Concen: 119.875 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097498.D
 Acq: 9 Aug 2017 5:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-7-080217

Tot Ion:330 Resp: 145998
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 115.0
 141 39.8 31.4 47.2

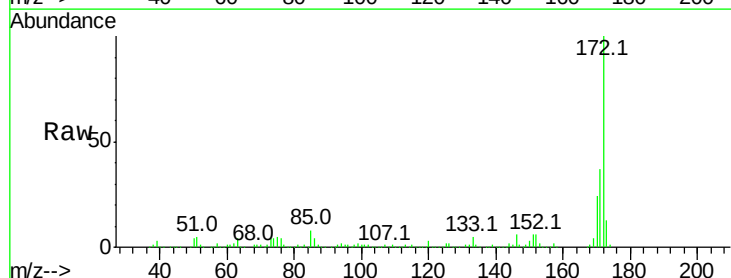


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

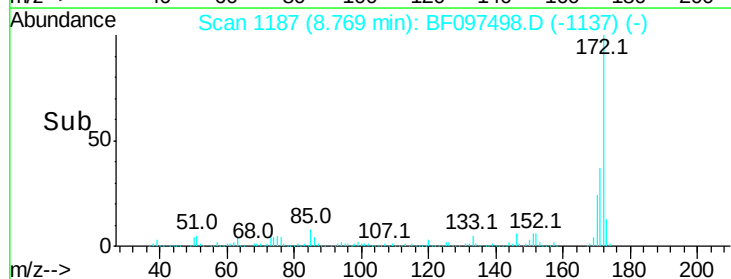
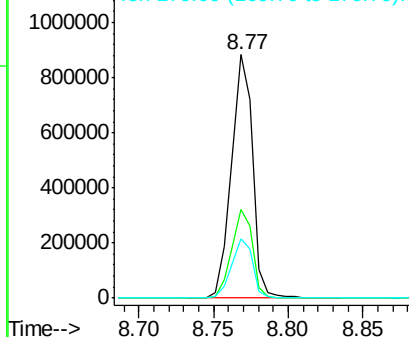


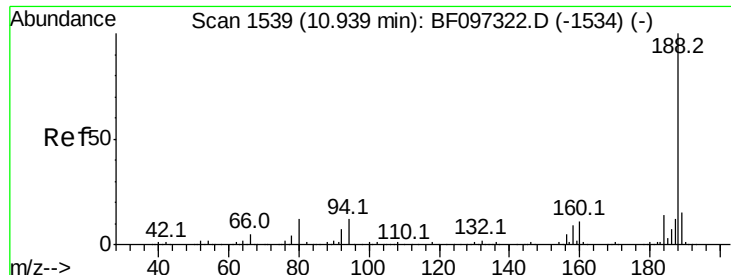
#44
 2-Fluorobiphenyl
 Concen: 98.332 ng
 RT: 8.77 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF097498.D
 Acq: 9 Aug 2017 5:06

Tgt Ion:172 Resp: 893150
 Ion Ratio Lower Upper
 172 100
 171 36.5 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

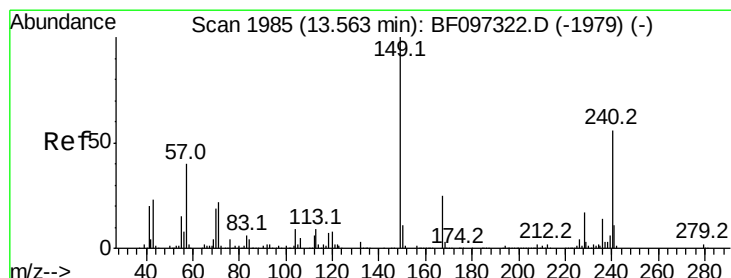
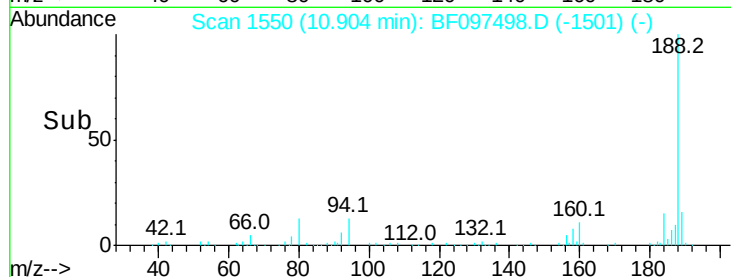
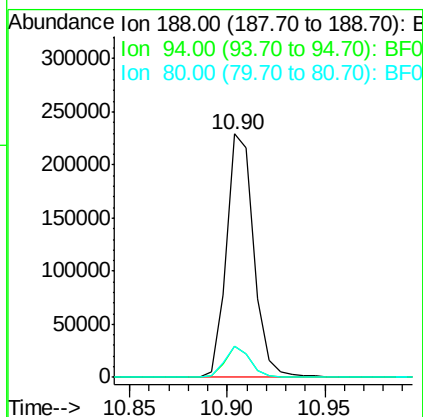
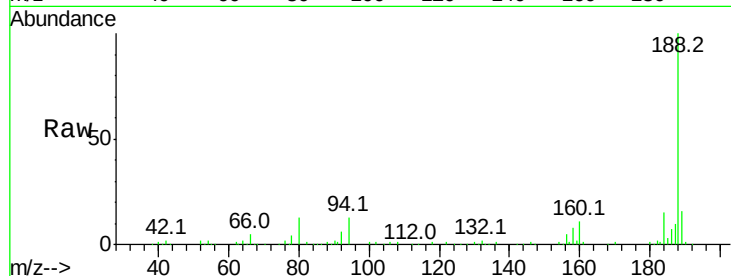




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.90 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF097498.D
Acq: 9 Aug 2017 5:06

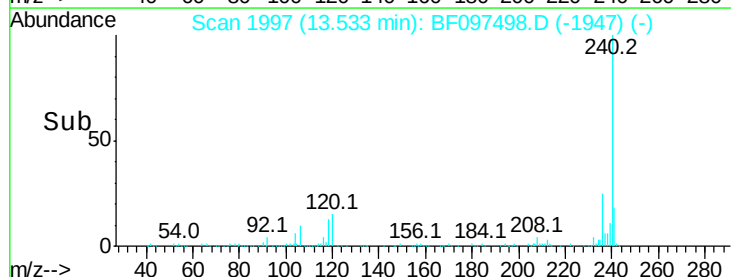
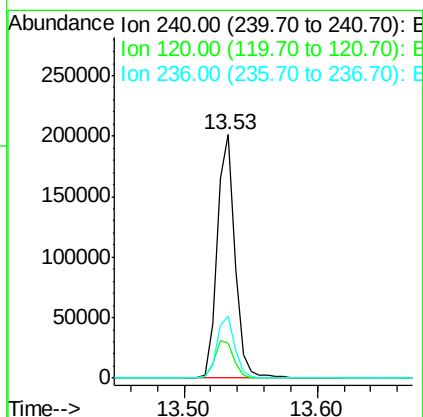
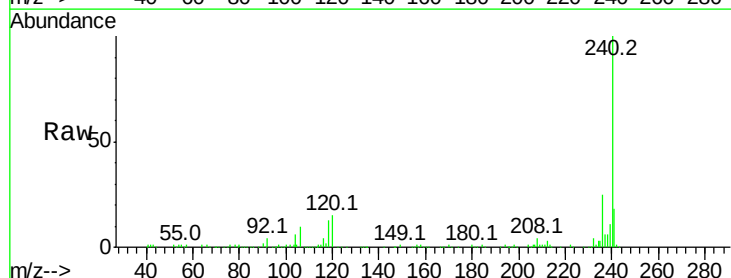
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ClientSampleId :
MW-7-080217

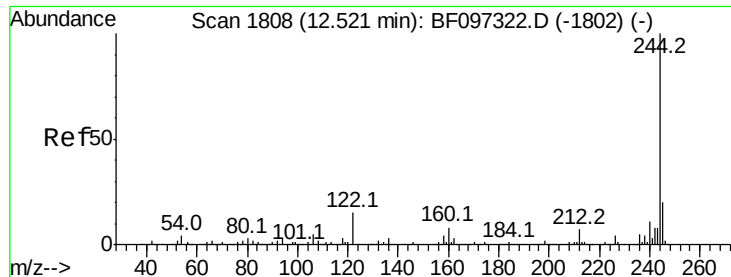
Tot Ion:188 Resp: 222891
Ion Ratio Lower Upper
188 100
94 12.7 9.4 14.2
80 12.7 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.53 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF097498.D
Acq: 9 Aug 2017 5:06

Tgt Ion:240 Resp: 190371
Ion Ratio Lower Upper
240 100
120 14.5 5.8 8.8#
236 25.4 20.5 30.7

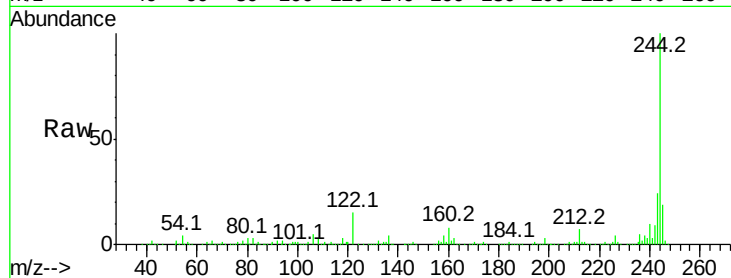




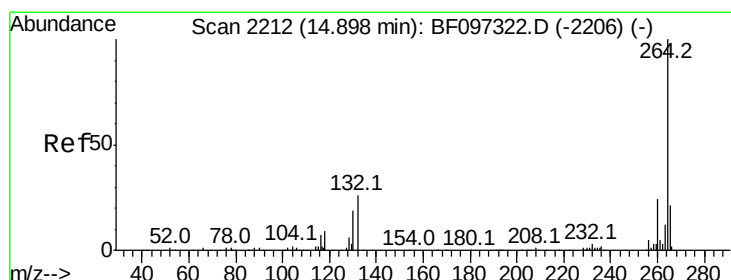
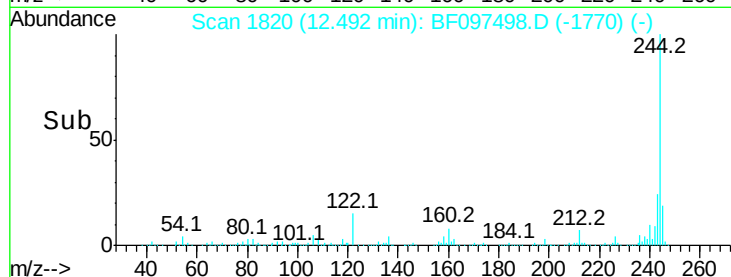
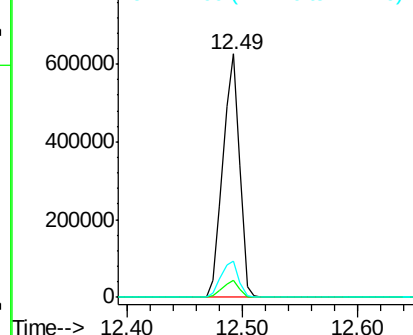
#78
 Terphenyl-d14
 Concen: 67.323 ng
 RT: 12.49 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF097498.D
 Acq: 9 Aug 2017 5:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-7-080217

Tot Ion:244 Resp: 628606
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.9 10.3 15.5

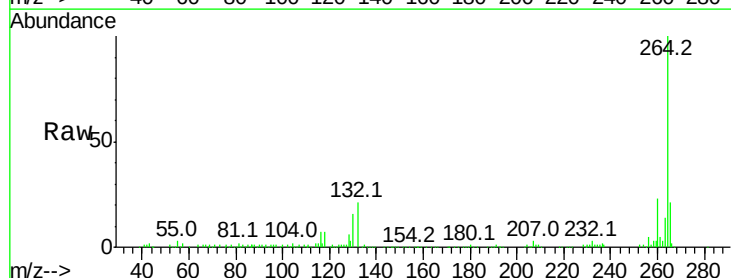


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.87 min Scan# 2225
 Delta R.T. 0.01 min
 Lab File: BF097498.D
 Acq: 9 Aug 2017 5:06

Tgt Ion:264 Resp: 143870
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.5 29.3
 265 20.5 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

