

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097468.D
 Acq On : 8 Aug 2017 14:39
 Operator : SJ/JU
 Sample : I4610-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080317-A

Quant Time: Aug 08 17:51:11 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	90454	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	443709	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	155298	20.00	ng	-0.01
63) Phenanthrene-d10	10.90	188	294029	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	229370	20.00	ng	-0.01
86) Perylene-d12	14.87	264	60784	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.01	112	814019	135.66	ng	0.00
7) Phenol-d6	6.08	99	898479	131.16	ng	0.00
23) Nitrobenzene-d5	6.98	82	600588	79.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.22	330	212324	173.04	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1013516	110.76	ng	0.00
78) Terphenyl-d14	12.49	244	861708	76.60	ng	0.00

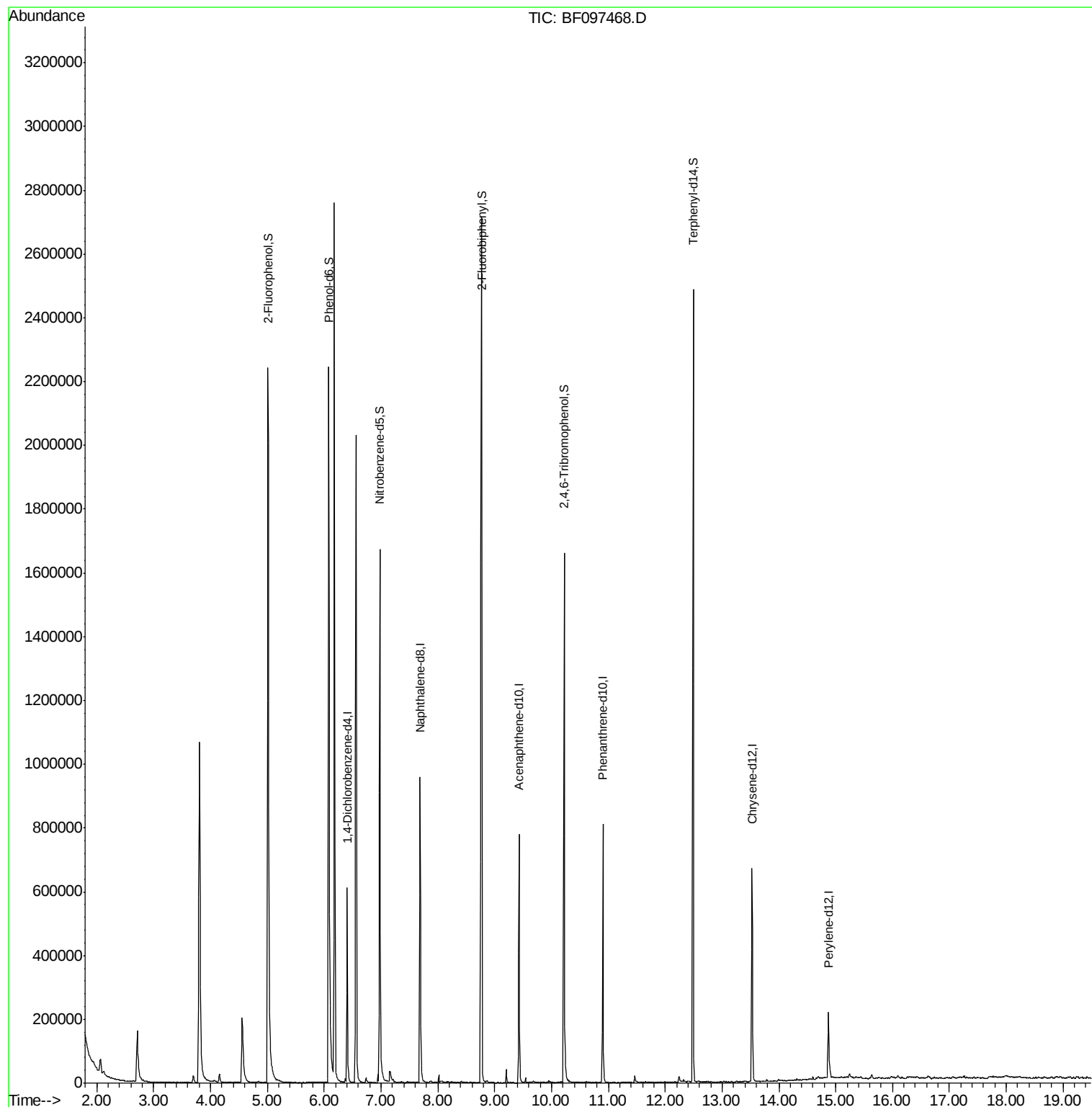
Target Compounds Qvalue

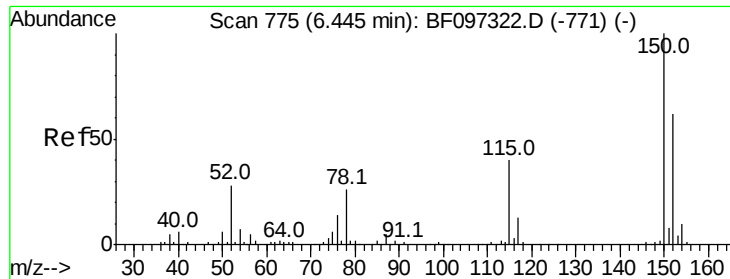
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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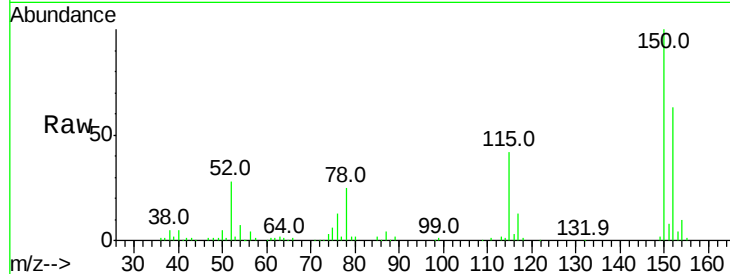


#1

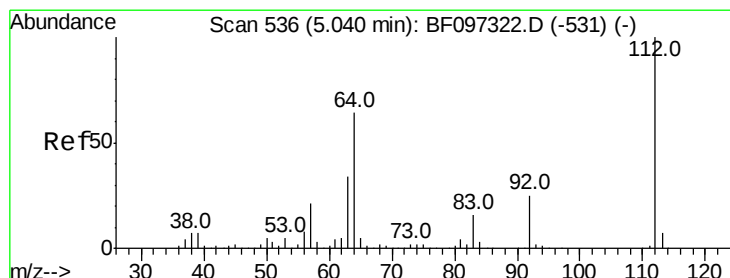
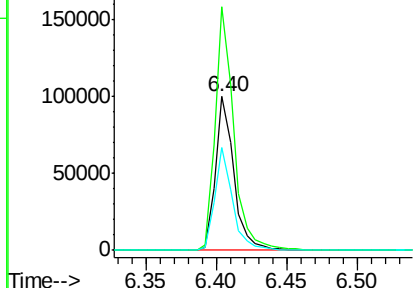
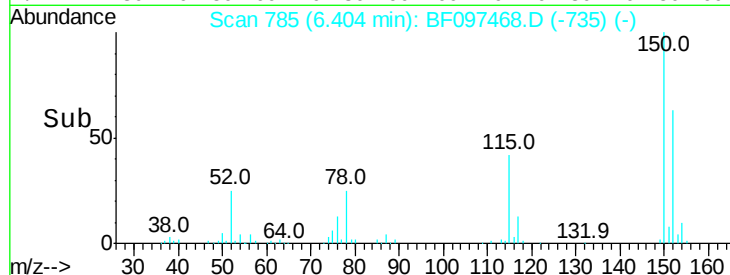
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.40 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF097468.D
 Acq: 8 Aug 2017 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080317-A

Tot Ion:152 Resp: 90454
 Ion Ratio Lower Upper
 152 100
 150 158.4 126.2 189.2
 115 66.8 52.2 78.2



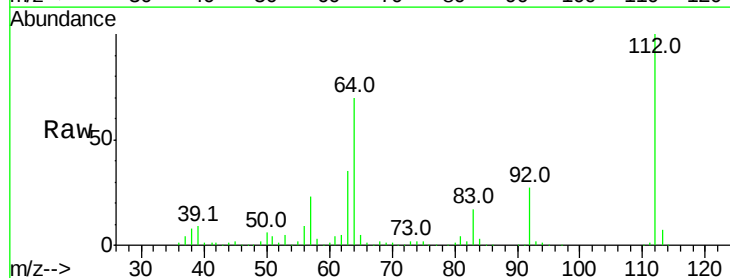
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



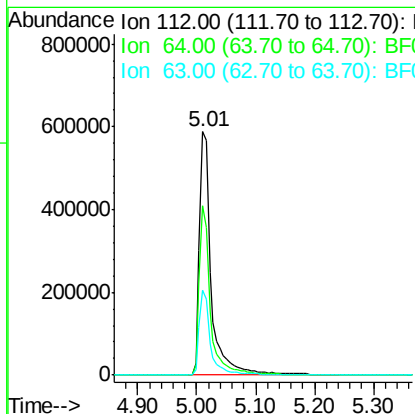
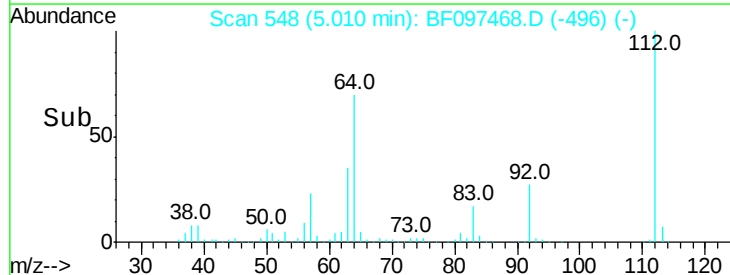
#5

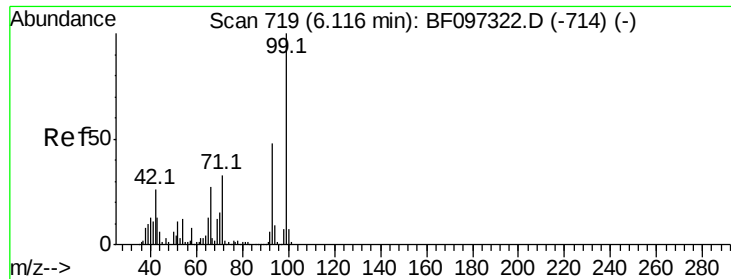
2-Fluorophenol
 Concen: 135.663 ng
 RT: 5.01 min Scan# 548
 Delta R.T. 0.01 min
 Lab File: BF097468.D
 Acq: 8 Aug 2017 14:39

Tgt Ion:112 Resp: 814019
 Ion Ratio Lower Upper
 112 100
 64 69.6 46.0 69.0#
 63 35.1 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: 131.163 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097468.D

Acq: 8 Aug 2017 14:39

Instrument :

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ClientSampleId :

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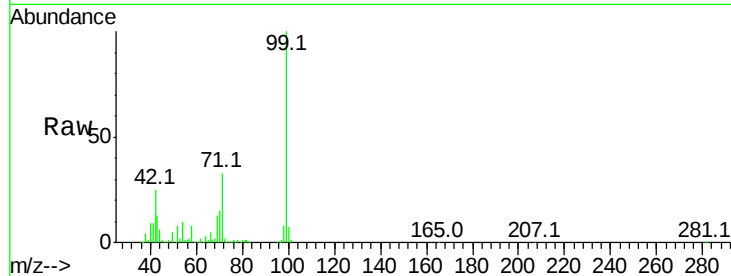
Tot Ion: 99 Resp: 898479

Ion Ratio Lower Upper

99 100

42 24.5 13.5 20.3#

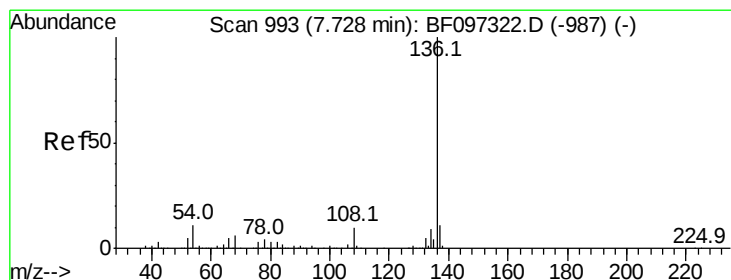
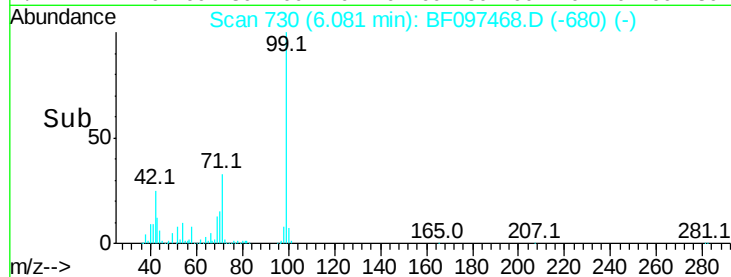
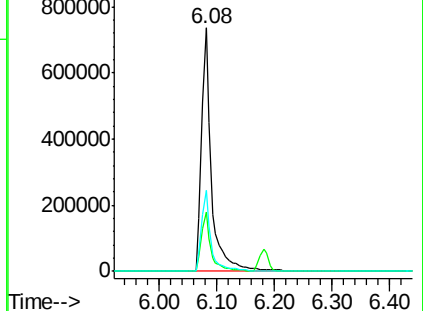
71 33.2 24.5 36.7



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: 7.69 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF097468.D

Acq: 8 Aug 2017 14:39

Tgt Ion: 136 Resp: 443709

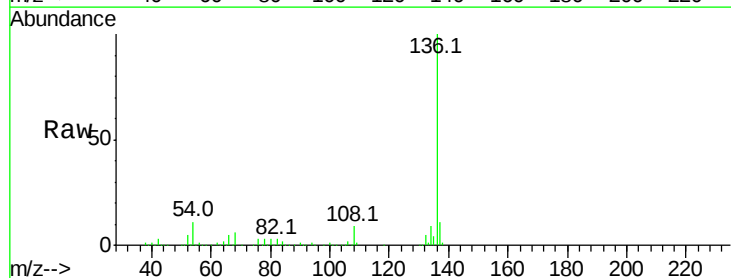
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 10.6 4.9 7.3#

68 5.8 4.1 6.1

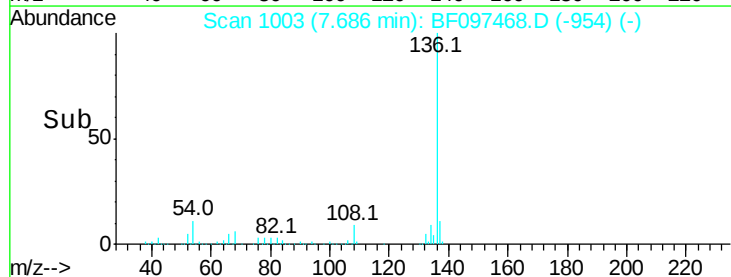
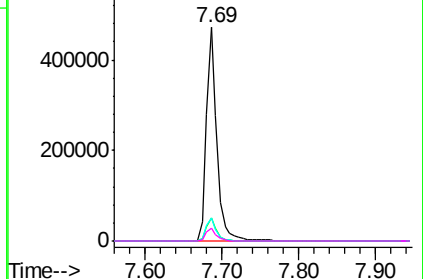


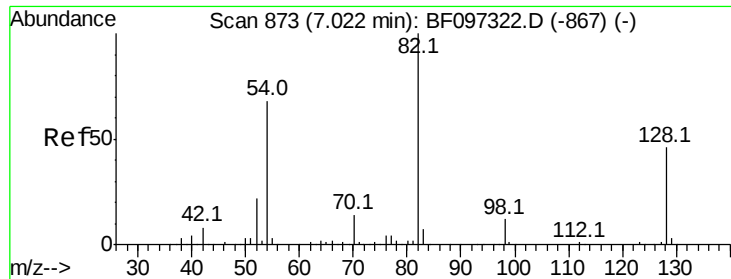
Abundance Ion 136.00 (135.70 to 136.70): E

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

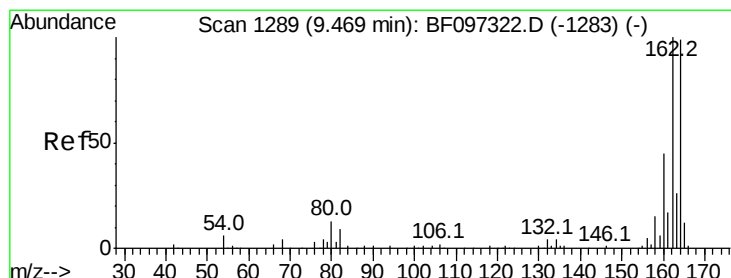
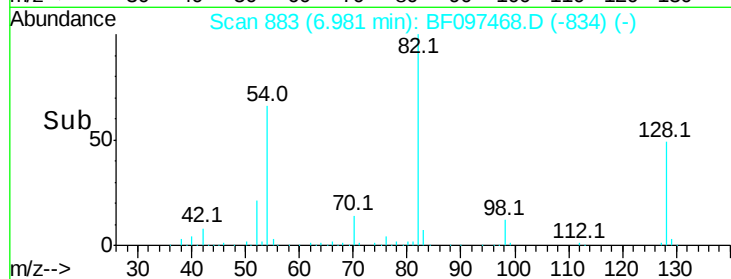
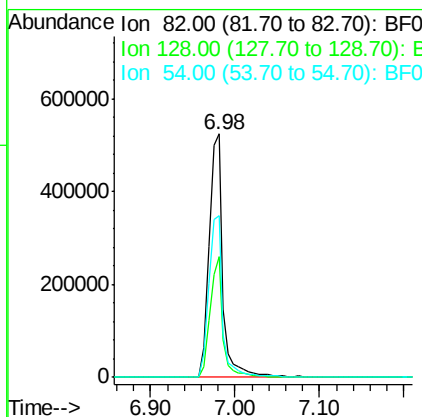
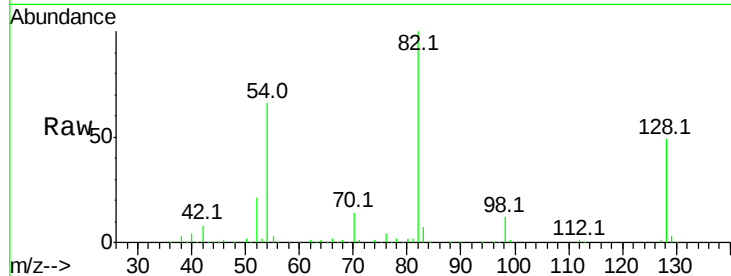




#23
 Nitrobenzene-d5
 Concen: 79.405 ng
 RT: 6.98 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF097468.D
 Acq: 8 Aug 2017 14:39

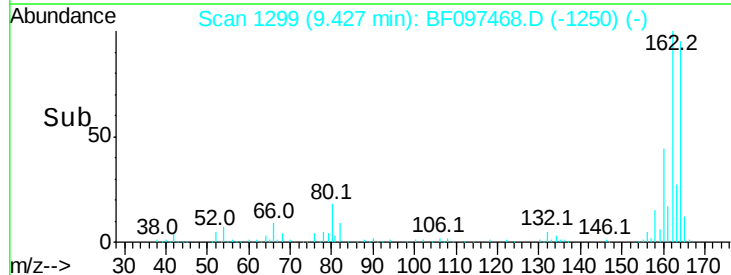
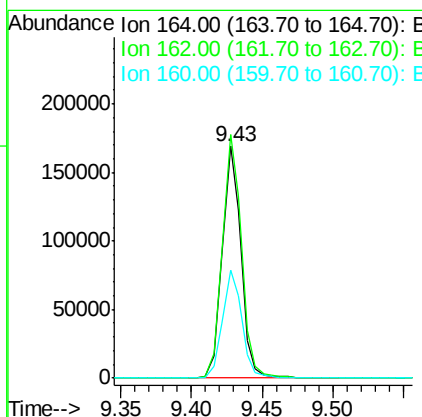
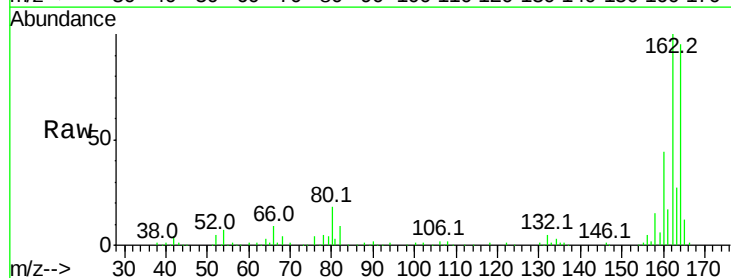
Instrument :
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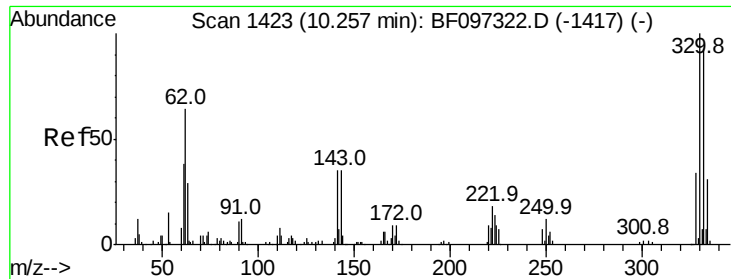
Tot Ion: 82 Resp: 600588
 Ion Ratio Lower Upper
 82 100
 128 49.4 34.0 51.0
 54 66.5 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.43 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF097468.D
 Acq: 8 Aug 2017 14:39

Tgt Ion:164 Resp: 155298
 Ion Ratio Lower Upper
 164 100
 162 105.2 82.6 123.8
 160 46.5 36.2 54.2

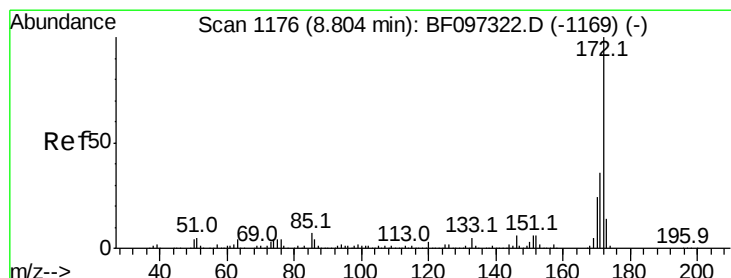
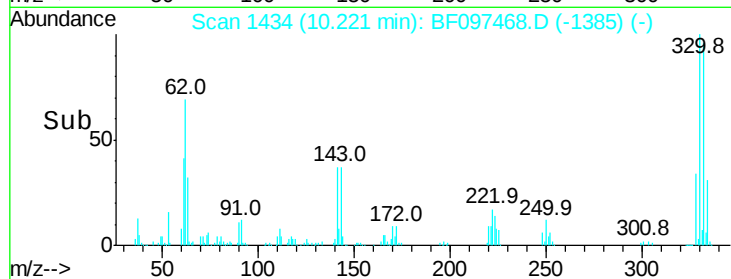
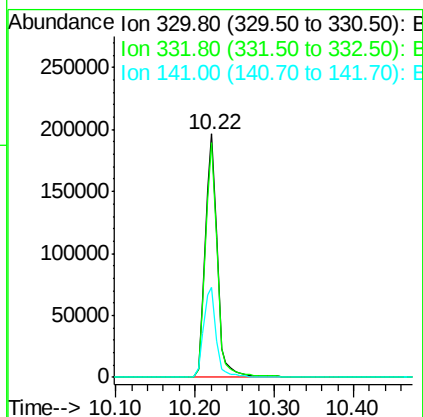
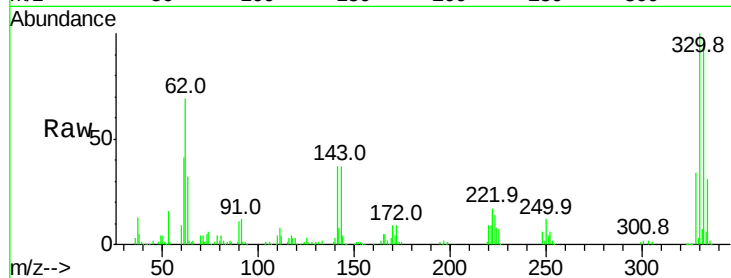




#41
 2,4,6-Tribromophenol
 Concen: 173.043 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097468.D
 Acq: 8 Aug 2017 14:39

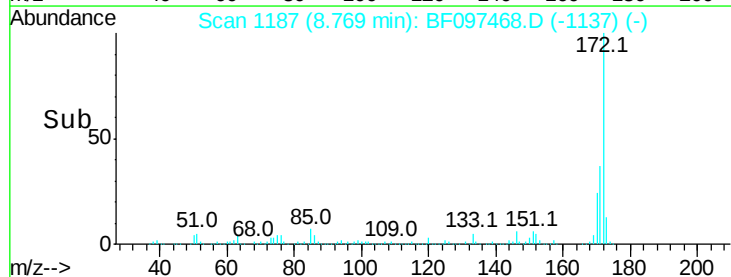
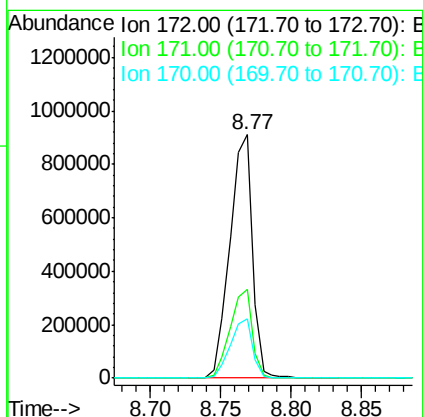
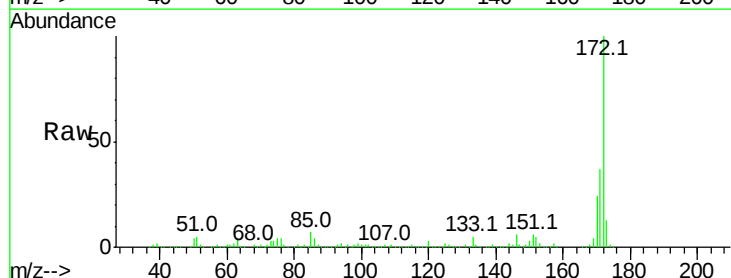
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 PL-02-080317-A

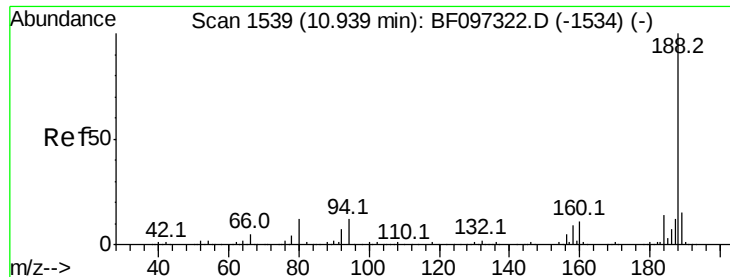
Tot Ion:330 Resp: 212324
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 115.0
 141 38.8 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 110.757 ng
 RT: 8.77 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF097468.D
 Acq: 8 Aug 2017 14:39

Tgt Ion:172 Resp: 1013516
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.2 19.8 29.8

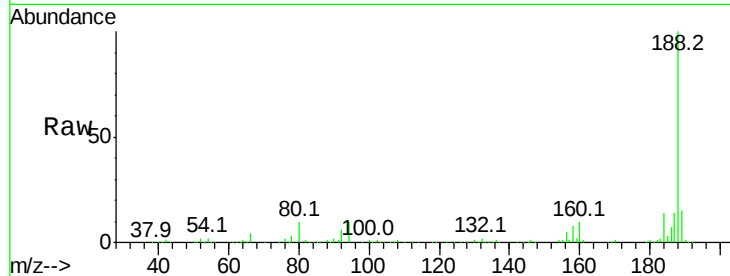




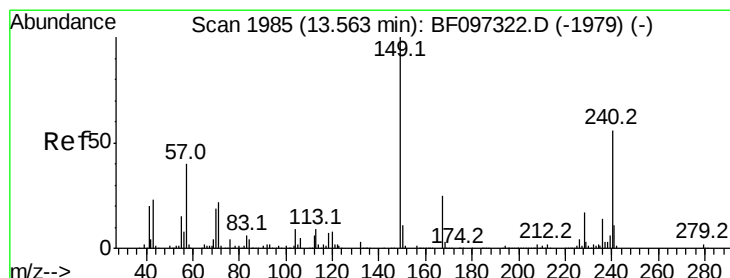
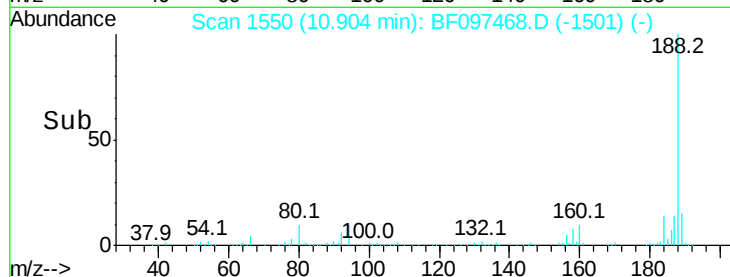
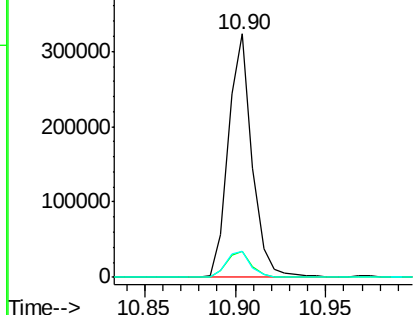
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.90 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF097468.D
Acq: 8 Aug 2017 14:39

Instrument :
BNA_F
ClientSampleId :
PL-02-080317-A

Tot Ion:188 Resp: 294029
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 10.5 10.2 15.2

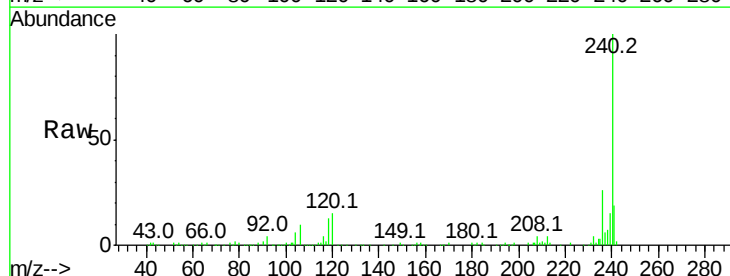


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

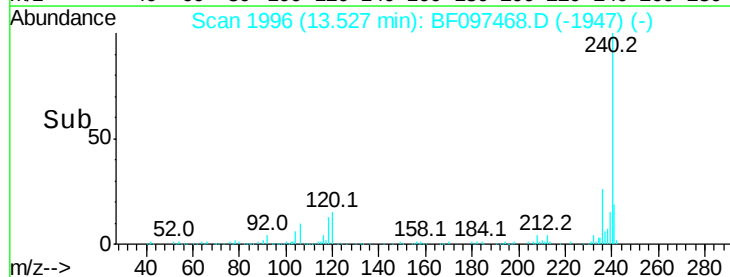
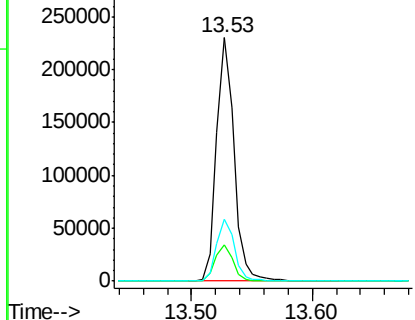


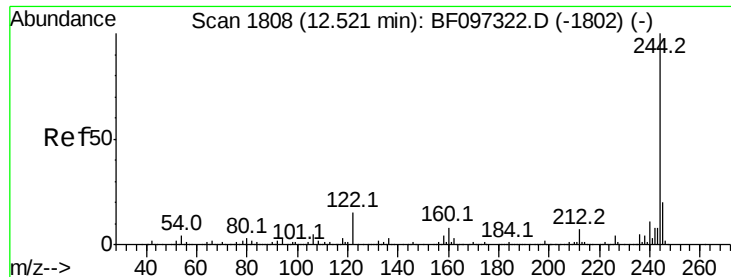
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.53 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF097468.D
Acq: 8 Aug 2017 14:39

Tgt Ion:240 Resp: 229370
Ion Ratio Lower Upper
240 100
120 14.9 5.8 8.8#
236 25.7 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

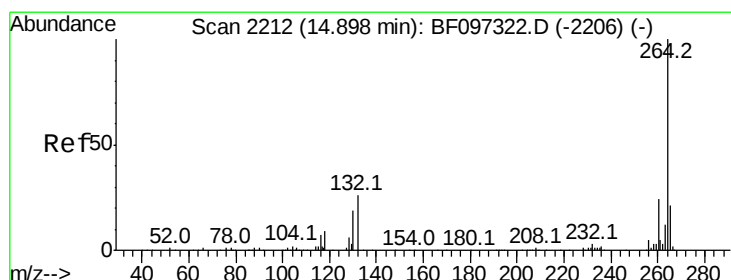
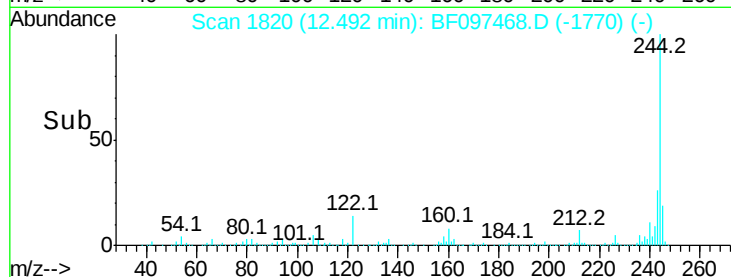
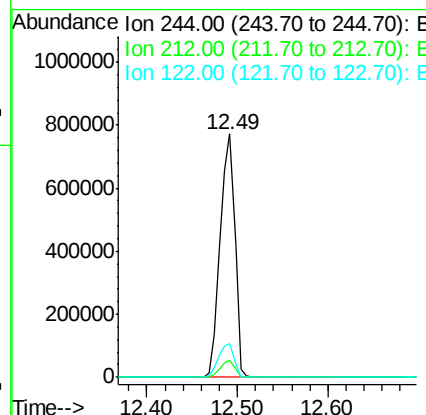
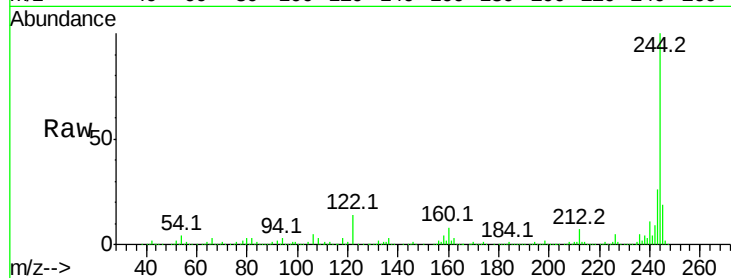




#78
 Terphenyl-d14
 Concen: 76.597 ng
 RT: 12.49 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF097468.D
 Acq: 8 Aug 2017 14:39

Instrument :
 BNA_F
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Tot Ion:244 Resp: 861708
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.1 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.87 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: BF097468.D
 Acq: 8 Aug 2017 14:39

Tgt Ion:264 Resp: 60784
 Ion Ratio Lower Upper
 264 100
 260 30.6 19.5 29.3#
 265 19.5 17.2 25.8

