

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
 Data File : BF097324.D
 Acq On : 3 Aug 2017 18:43
 Operator : SJ/JU
 Sample : PB101187BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101187BL

Quant Time: Aug 04 01:24:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	99271	20.00	ng	-0.06
21) Naphthalene-d8	7.72	136	414185	20.00	ng	-0.06
38) Acenaphthene-d10	9.46	164	161205	20.00	ng	-0.07
63) Phenanthrene-d10	10.93	188	309423	20.00	ng	-0.07
75) Chrysene-d12	13.56	240	289327	20.00	ng	-0.07
86) Perylene-d12	14.89	264	237710	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	779483	118.37	ng	-0.05
7) Phenol-d6	6.12	99	907030	120.65	ng	-0.05
23) Nitrobenzene-d5	7.02	82	605706	85.79	ng	-0.06
41) 2,4,6-Tribromophenol	10.25	330	179579	140.99	ng	-0.07
44) 2-Fluorobiphenyl	8.80	172	957884	100.84	ng	-0.07
78) Terphenyl-d14	12.52	244	782196	55.12	ng	-0.06

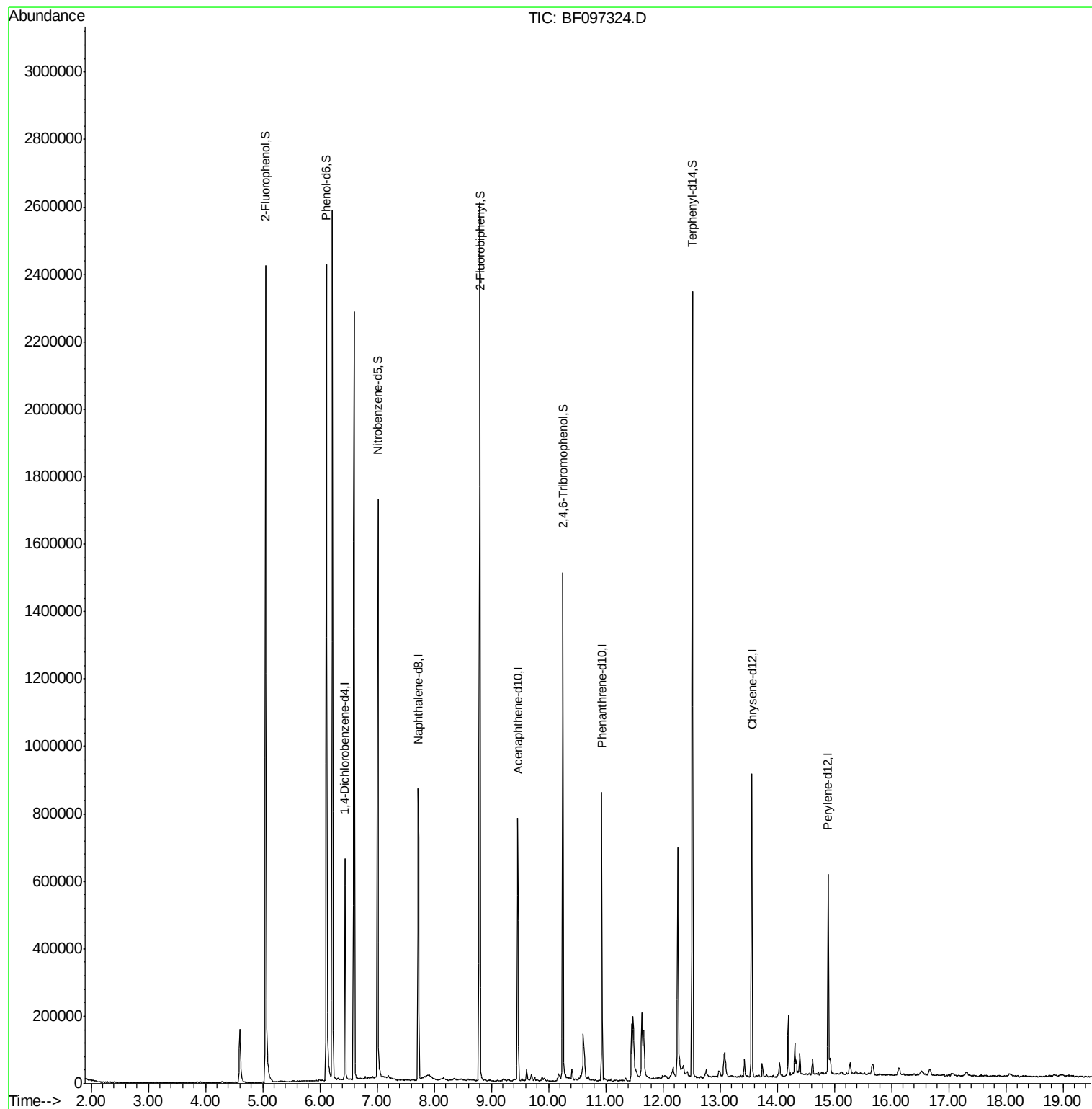
Target Compounds Qvalue

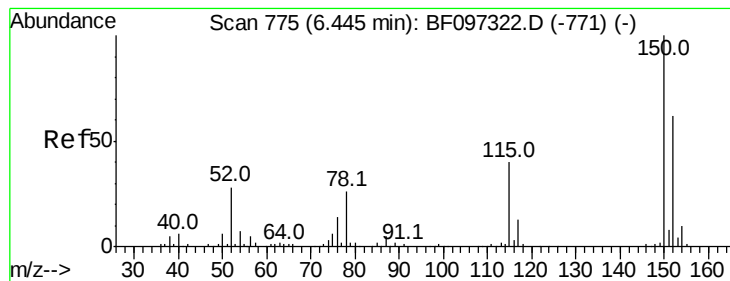
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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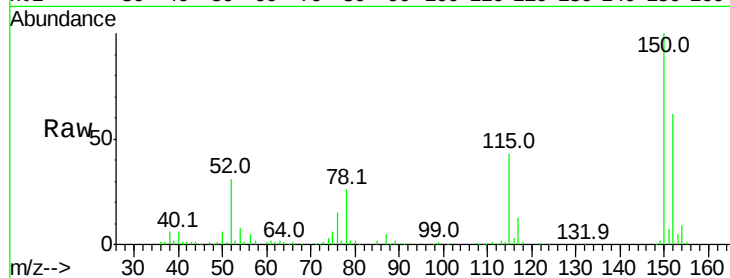


#1

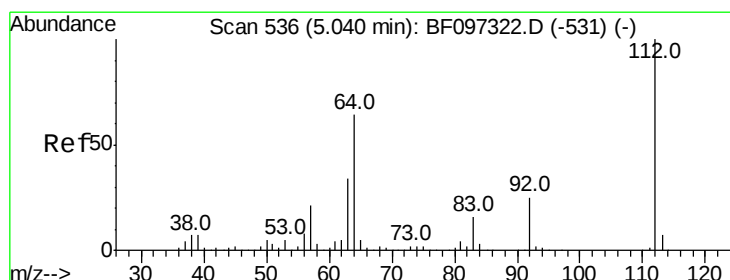
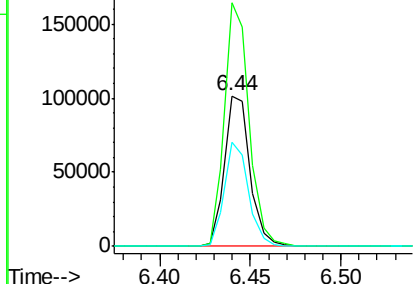
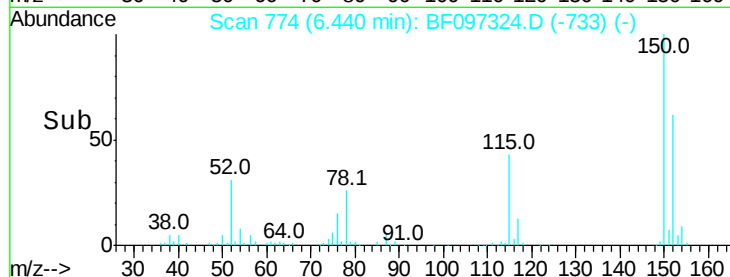
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.44 min Scan# 774
Delta R.T. -0.06 min
Lab File: BF097324.D
Acq: 3 Aug 2017 18:43

Instrument :
BNA_F
ClientSampleId :
PB101187BL

Tot Ion:152 Resp: 99271
Ion Ratio Lower Upper
152 100
150 161.6 126.2 189.2
115 69.2 52.2 78.2



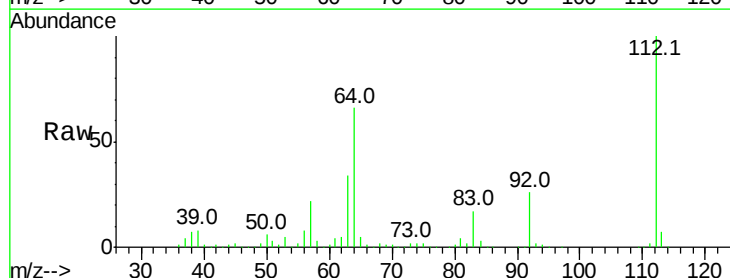
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



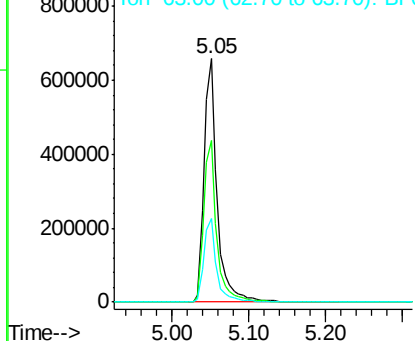
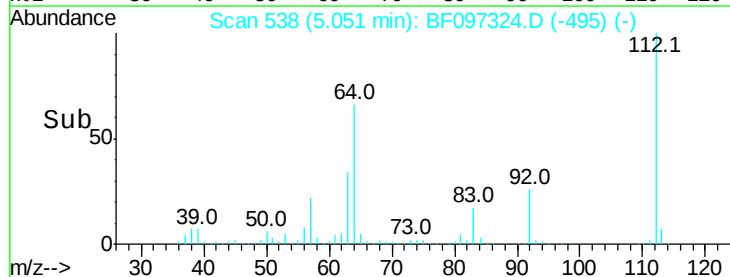
#5

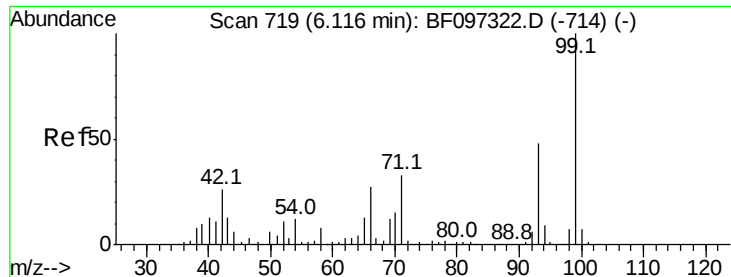
2-Fluorophenol
Concen: 118.369 ng
RT: 5.05 min Scan# 538
Delta R.T. -0.05 min
Lab File: BF097324.D
Acq: 3 Aug 2017 18:43

Tgt Ion:112 Resp: 779483
Ion Ratio Lower Upper
112 100
64 66.4 46.0 69.0
63 34.1 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: 120.651 ng

RT: 6.12 min Scan# 719

Delta R.T. -0.05 min

Lab File: BF097324.D

Acq: 3 Aug 2017 18:43

Instrument :

BNA_F

ClientSampleId :

PB101187BL

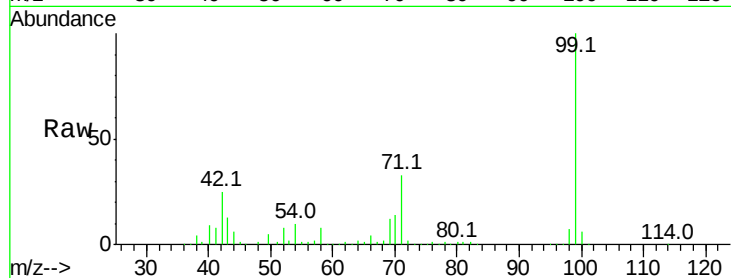
Tot Ion: 99 Resp: 907030

Ion Ratio Lower Upper

99 100

42 24.6 13.5 20.3#

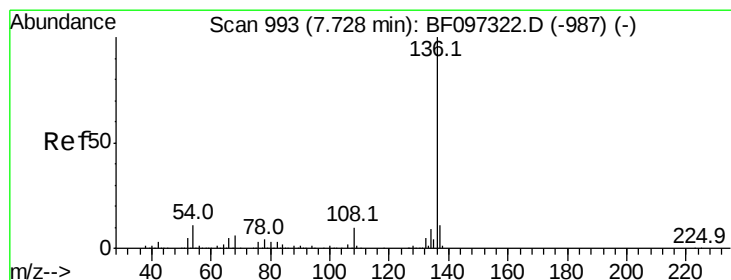
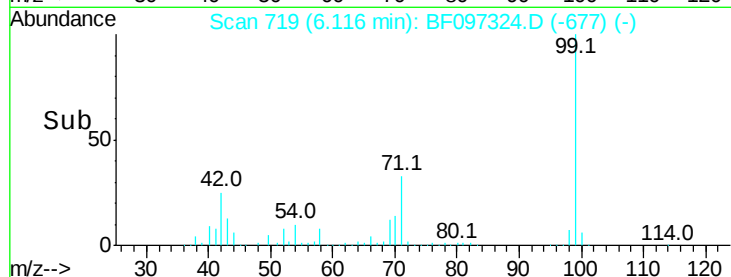
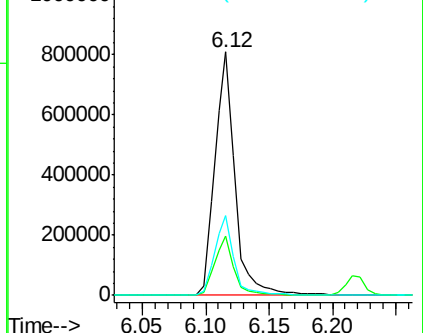
71 32.9 24.5 36.7



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: 7.72 min Scan# 992

Delta R.T. -0.06 min

Lab File: BF097324.D

Acq: 3 Aug 2017 18:43

Tgt Ion: 136 Resp: 414185

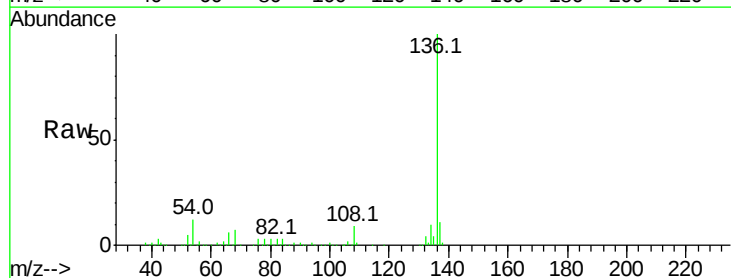
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 11.5 4.9 7.3#

68 6.6 4.1 6.1#

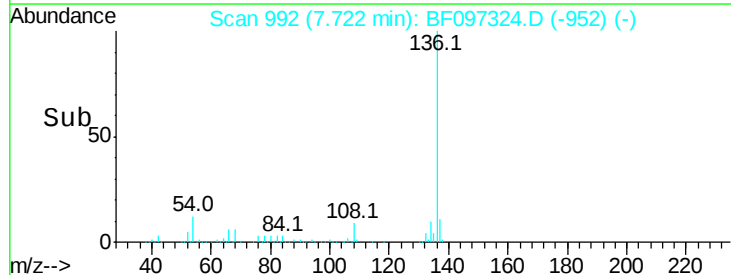
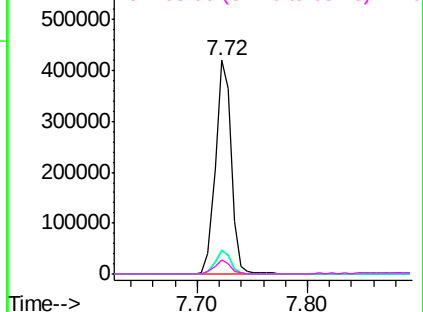


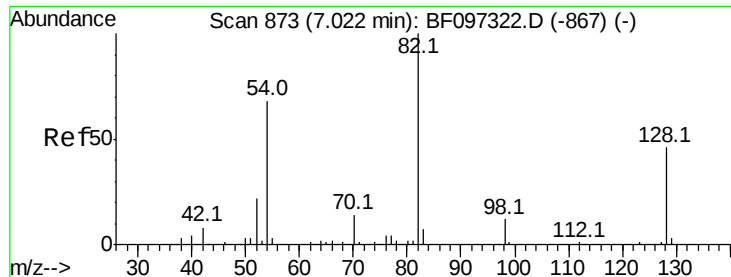
Abundance Ion 136.00 (135.70 to 136.70): E

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

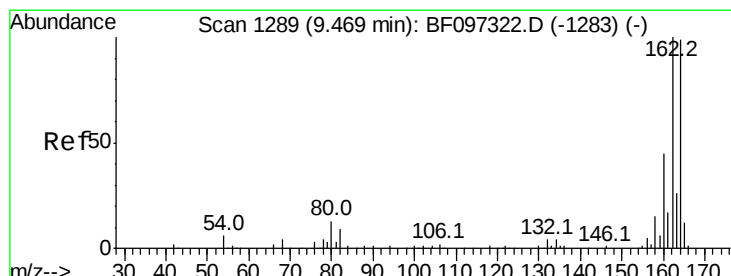
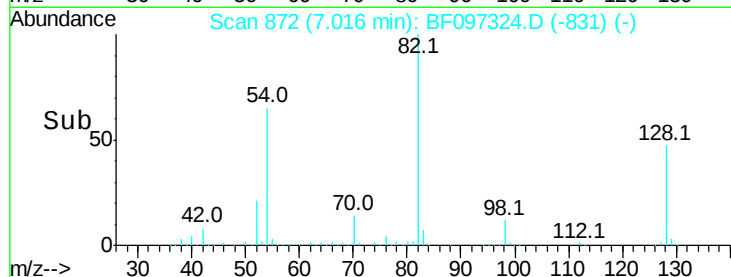
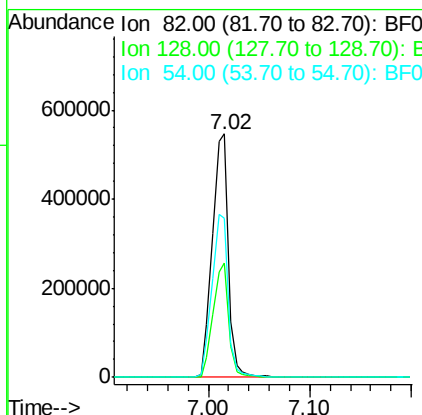
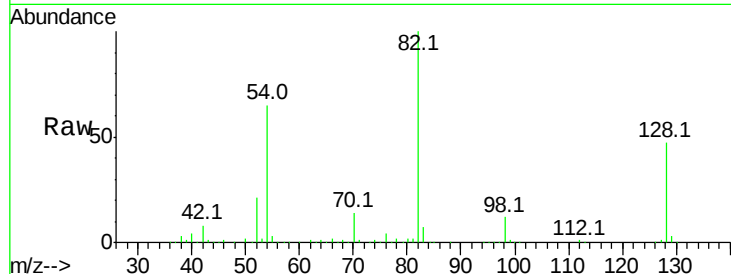




#23
 Nitrobenzene-d5
 Concen: 85.791 ng
 RT: 7.02 min Scan# 872
 Delta R.T. -0.06 min
 Lab File: BF097324.D
 Acq: 3 Aug 2017 18:43

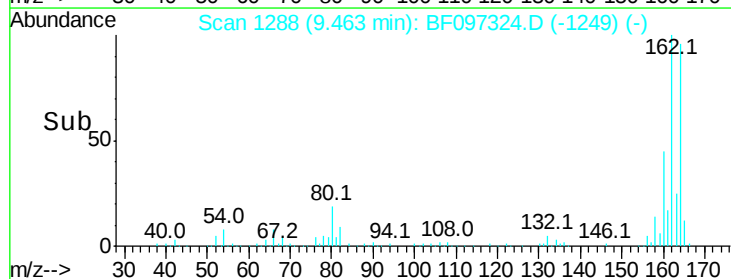
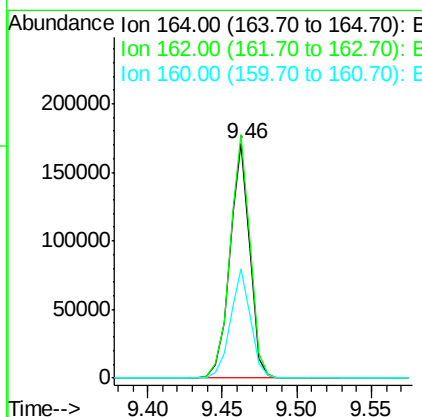
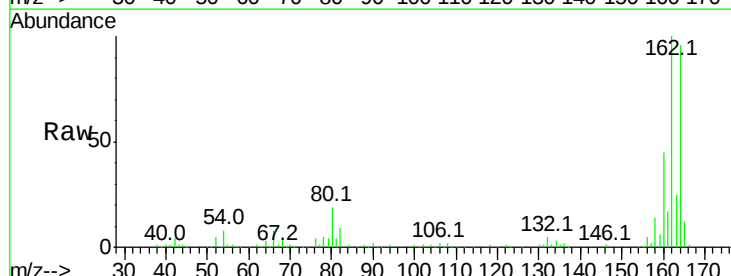
Instrument :
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 PB101187BL

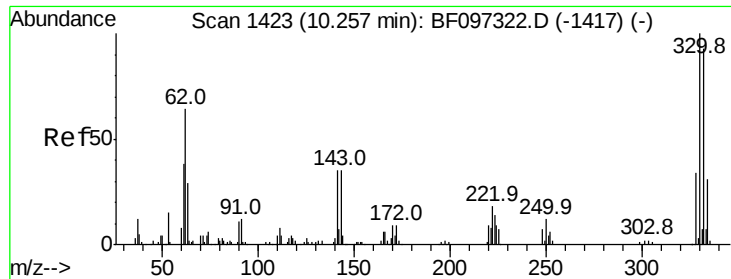
Tot Ion: 82 Resp: 605706
 Ion Ratio Lower Upper
 82 100
 128 47.2 34.0 51.0
 54 65.2 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.46 min Scan# 1288
 Delta R.T. -0.07 min
 Lab File: BF097324.D
 Acq: 3 Aug 2017 18:43

Tgt Ion: 164 Resp: 161205
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.6 123.8
 160 46.8 36.2 54.2

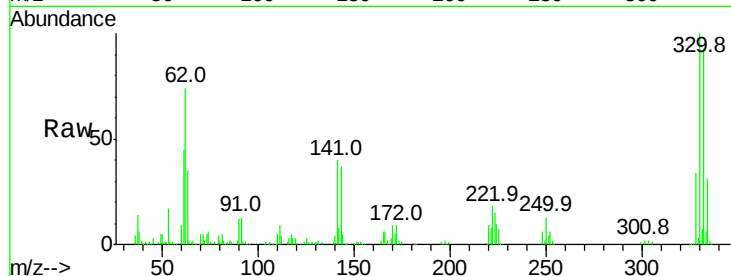




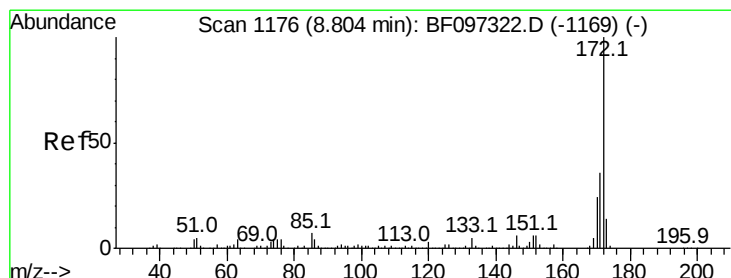
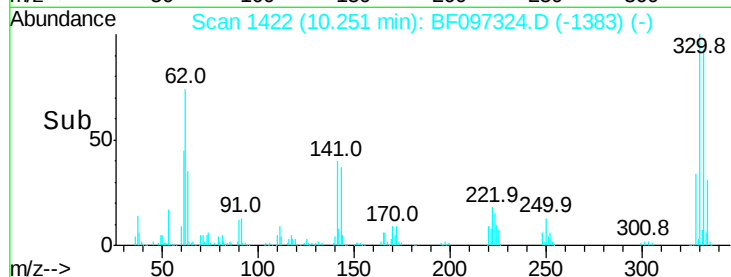
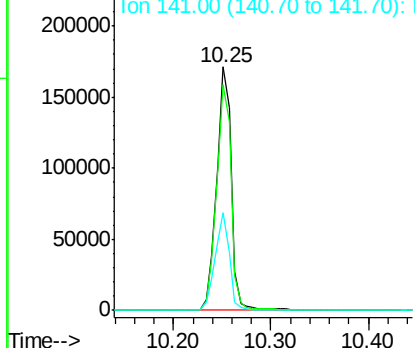
#41
 2,4,6-Tribromophenol
 Concen: 140.993 ng
 RT: 10.25 min Scan# 1422
 Delta R.T. -0.07 min
 Lab File: BF097324.D
 Acq: 3 Aug 2017 18:43

Instrument :
 BNA_F
 ClientSampleId :
 PB101187BL

Tot Ion:330 Resp: 179579
 Ion Ratio Lower Upper
 330 100
 332 93.2 76.6 115.0
 141 38.9 31.4 47.2

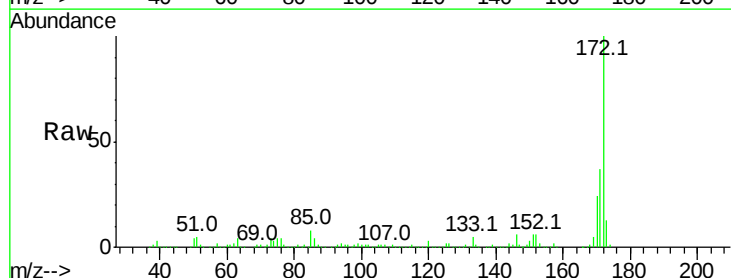


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

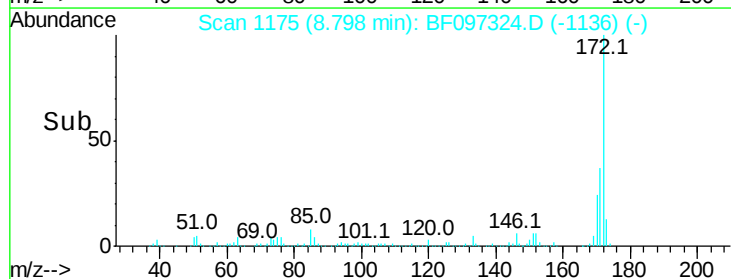
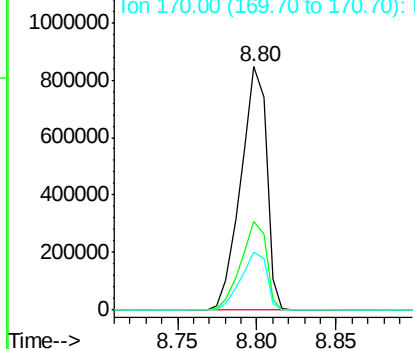


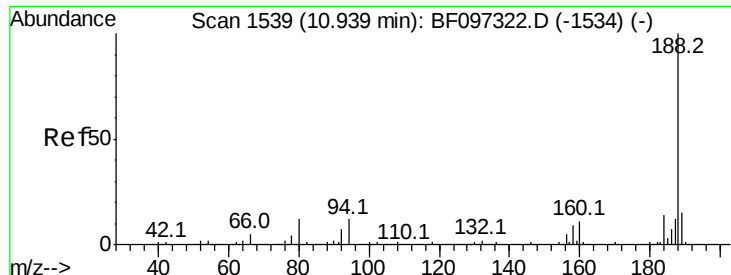
#44
 2-Fluorobiphenyl
 Concen: 100.842 ng
 RT: 8.80 min Scan# 1175
 Delta R.T. -0.07 min
 Lab File: BF097324.D
 Acq: 3 Aug 2017 18:43

Tgt Ion:172 Resp: 957884
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 24.1 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

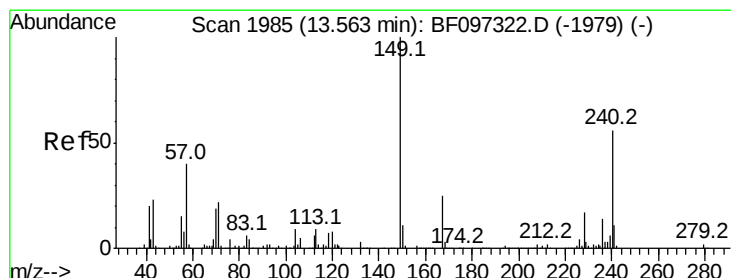
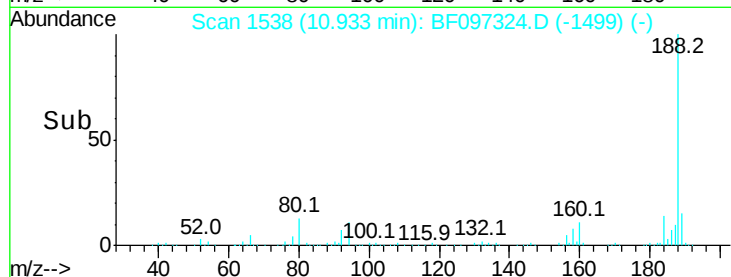
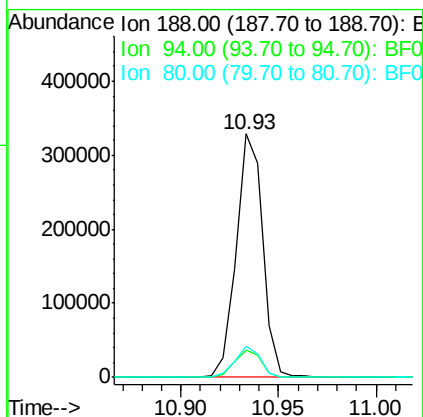
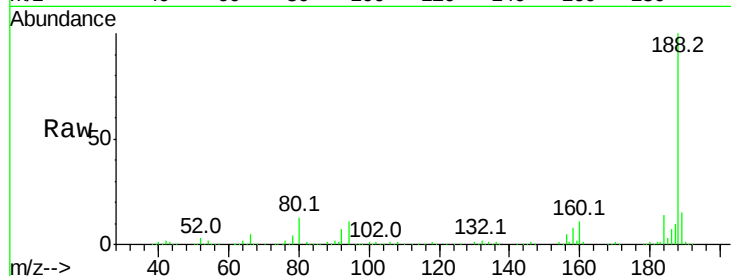




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.93 min Scan# 1538
Delta R.T. -0.07 min
Lab File: BF097324.D
Acq: 3 Aug 2017 18:43

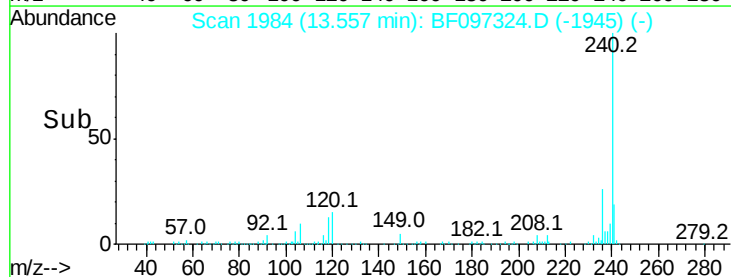
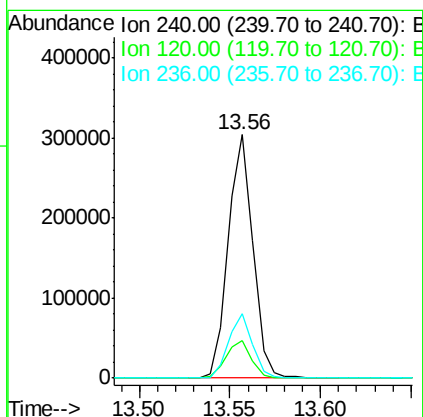
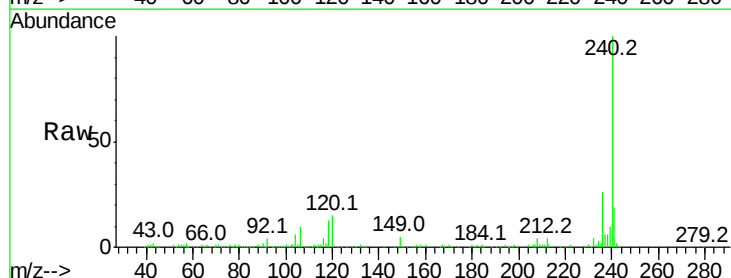
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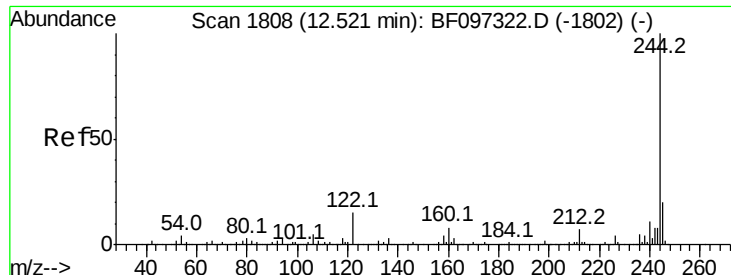
Tot Ion:188 Resp: 309423
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 13.0 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.56 min Scan# 1984
Delta R.T. -0.07 min
Lab File: BF097324.D
Acq: 3 Aug 2017 18:43

Tgt Ion:240 Resp: 289327
Ion Ratio Lower Upper
240 100
120 15.3 5.8 8.8#
236 26.4 20.5 30.7





#78

Terphenyl-d14

Concen: 55.120 ng

RT: 12.52 min Scan# 1808

Delta R.T. -0.06 min

Lab File: BF097324.D

Acq: 3 Aug 2017 18:43

Instrument :

BNA_F

ClientSampleID :

PB101187BL

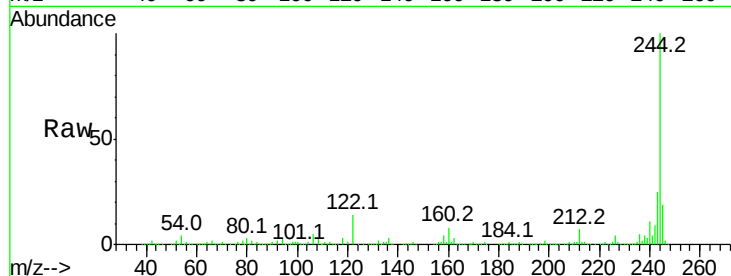
Tot Ion:244 Resp: 782196

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

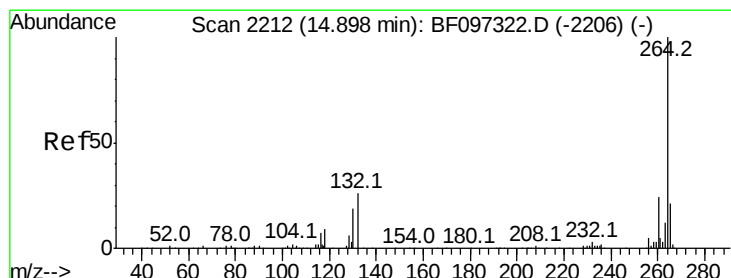
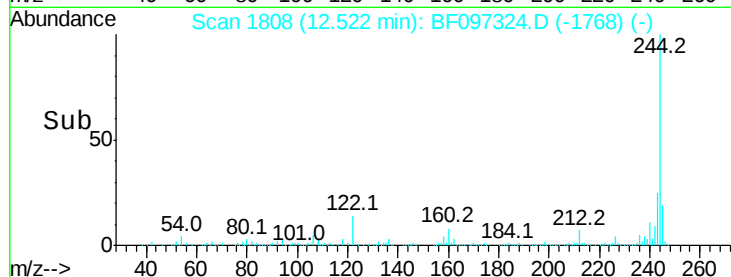
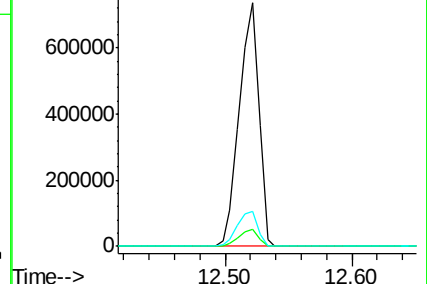
122 14.3 10.3 15.5



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: 14.89 min Scan# 2211

Delta R.T. -0.08 min

Lab File: BF097324.D

Acq: 3 Aug 2017 18:43

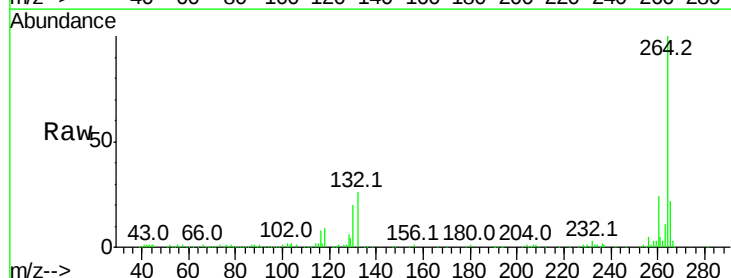
Tgt Ion:264 Resp: 237710

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 22.3 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

