

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 01:06:37 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

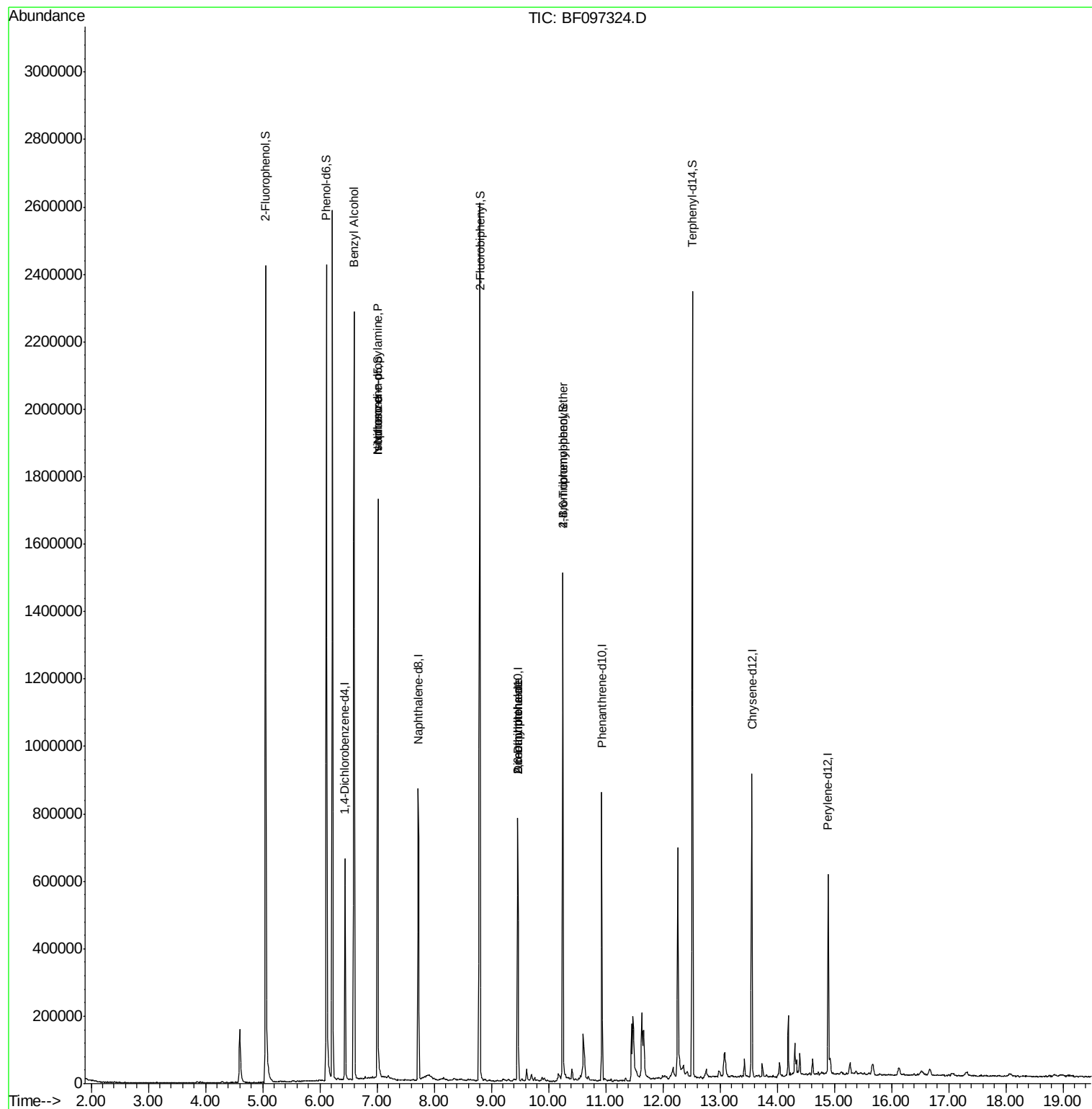
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	99271	20.00	ng	-0.06
21) Naphthalene-d8	7.72	136	414185	20.00	ng	-0.06
38) Acenaphthene-d10	9.46	164	161205	20.00	ng	-0.07
63) Phenanthrene-d10	10.93	188	309423	20.00	ng	-0.07
75) Chrysene-d12	13.56	240	289327	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						
15) Benzyl Alcohol	6.60	79	9643	2.026	ng	# 43
19) n-Nitroso-di-n-propylamine	7.02	70	82334	16.638	ng	# 87
25) Isophorone	7.02	82	600379	43.422	ng	# 67
49) Dimethylphthalate	9.46	163	48096	3.929	ng	# 1
50) 2,6-Dinitrotoluene	9.46	165	19632	7.561	ng	# 34
66) 4-Bromophenyl-phenylether	10.25	248	11104	3.596	ng	# 1

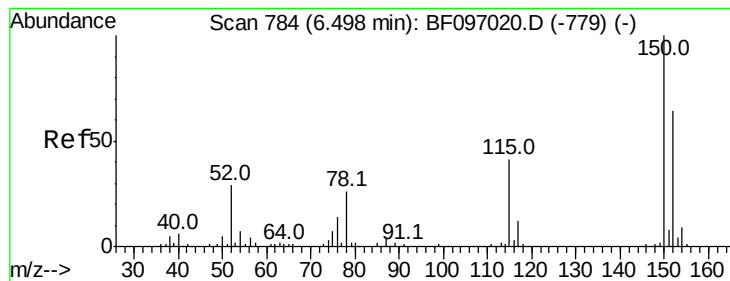
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

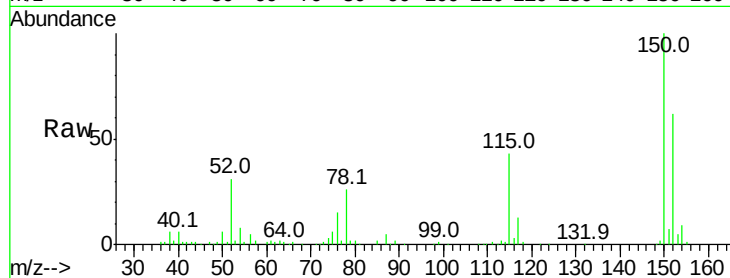
Tot Ion:152 Resp: 99271

Ion Ratio Lower Upper

152 100

150 161.6 126.2 189.2

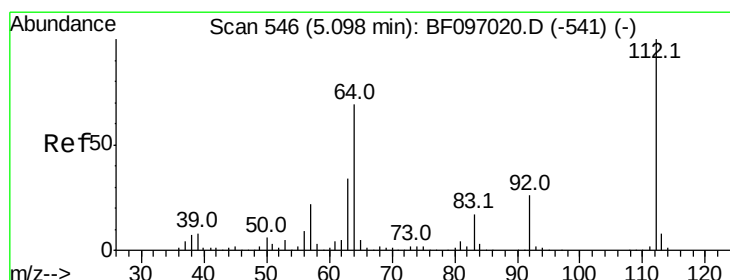
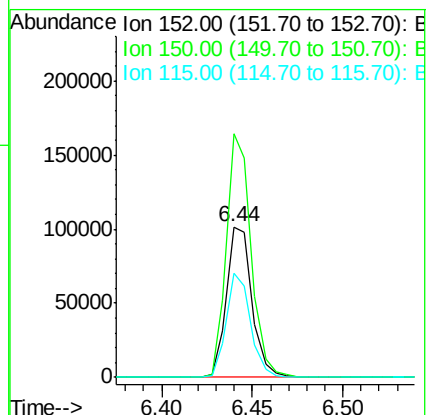
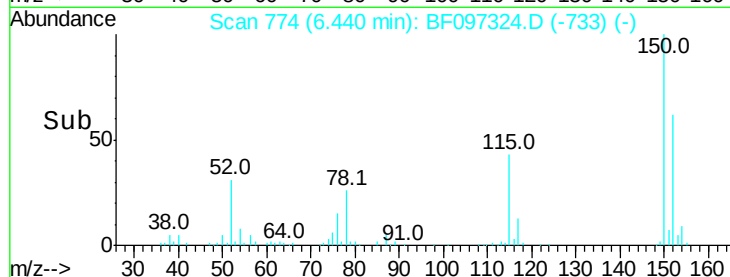
115 69.2 52.2 78.2



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

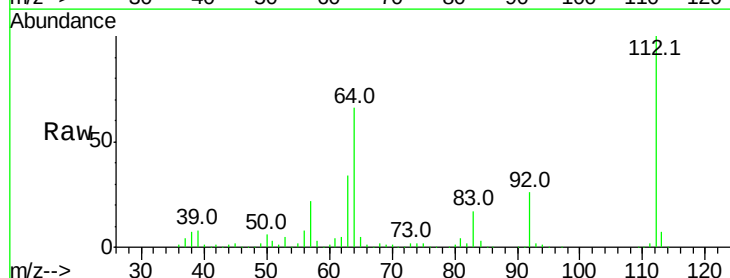
Tgt Ion:112 Resp: 779483

Ion Ratio Lower Upper

112 100

64 66.4 46.0 69.0

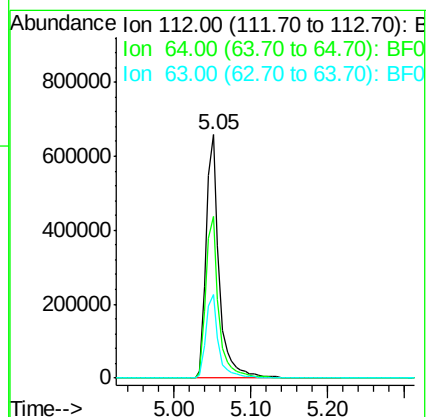
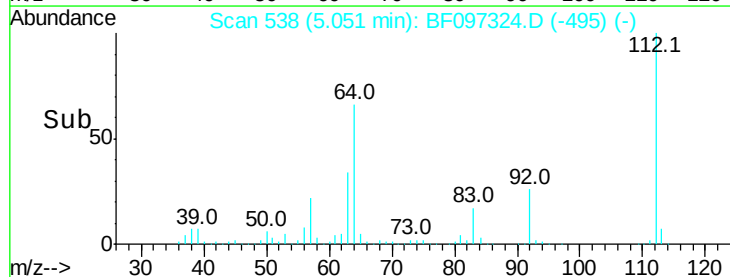
63 34.1 23.4 35.0

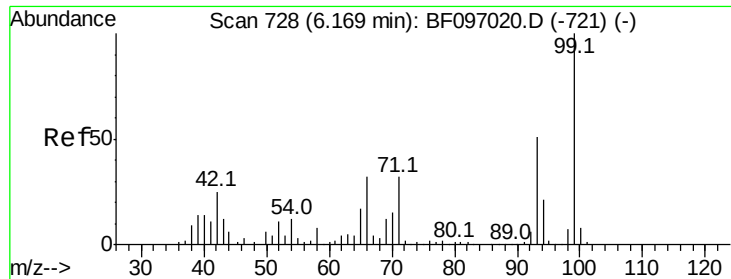


Abundance Ion 112.00 (111.70 to 112.70): E

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

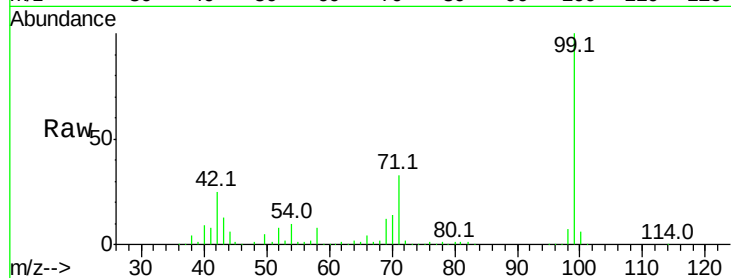
Tot Ion: 99 Resp: 907030

Ion Ratio Lower Upper

99 100

42 24.6 13.5 20.3#

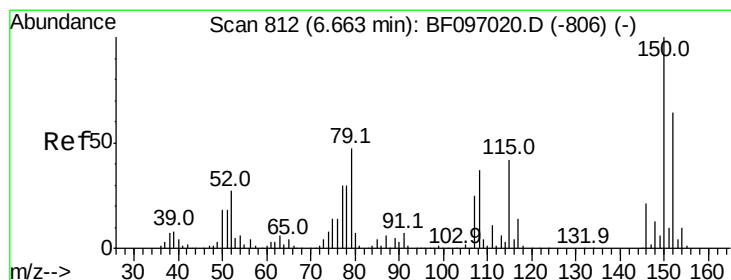
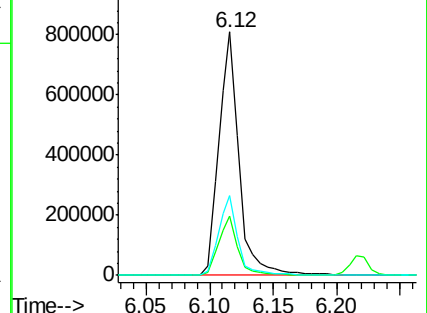
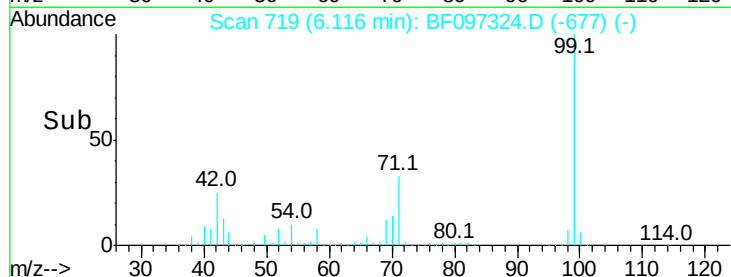
71 32.9 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.026 ng

RT: 6.60 min Scan# 801

Delta R.T. -0.06 min

Lab File: BF097324.D

Acq: 3 Aug 2017 18:43

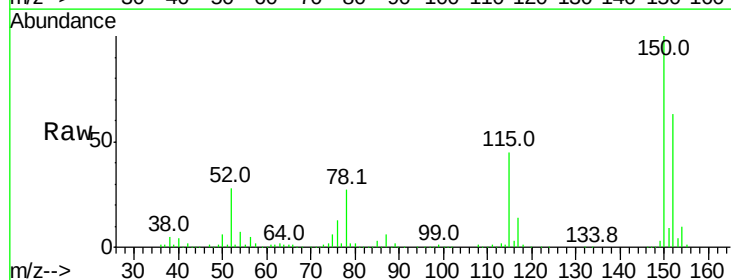
Tgt Ion: 79 Resp: 9643

Ion Ratio Lower Upper

79 100

108 31.0 63.4 95.0#

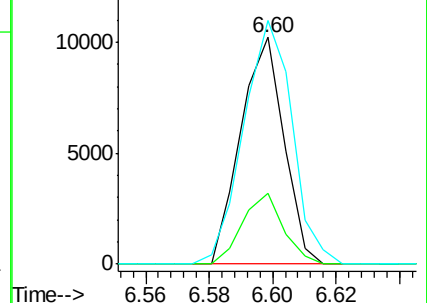
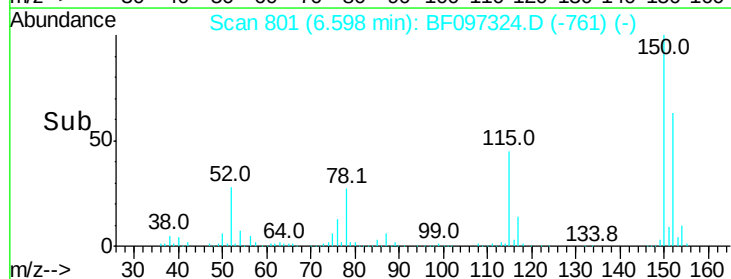
77 107.5 49.2 73.8#

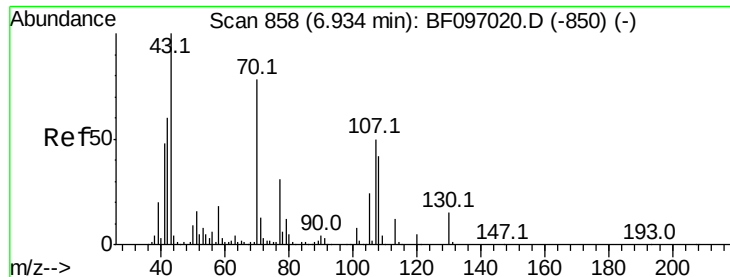


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

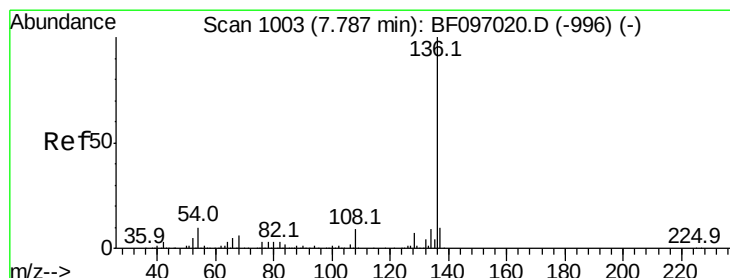
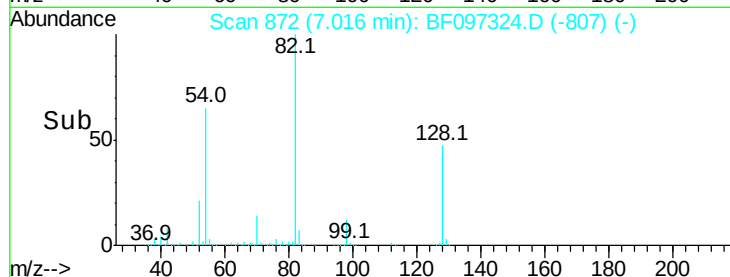
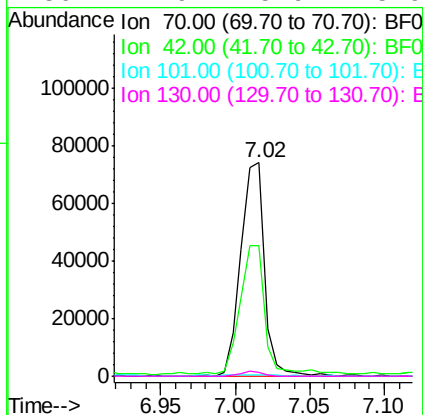
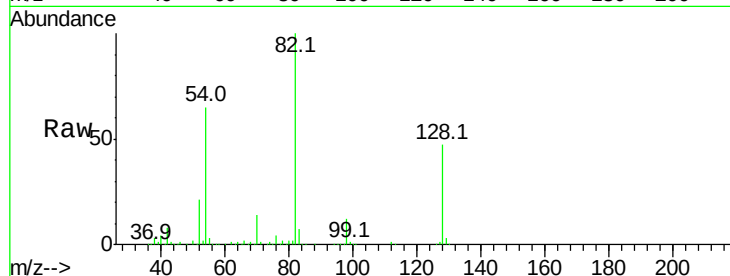




#19
 n-Nitroso-di-n-propylamine
 Concen: 16.638 ng
 RT: 7.02 min Scan# 872
 Delta R.T. 0.08 min
 Lab File: BF097324.D
 Acq: 3 Aug 2017 18:43

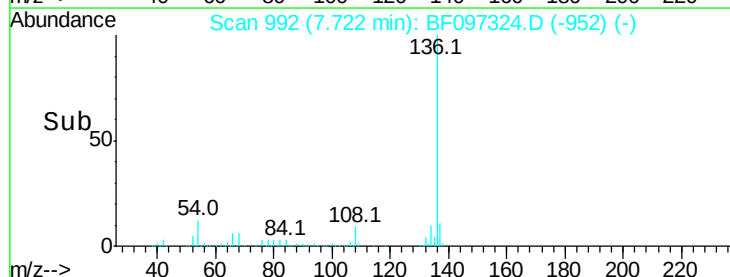
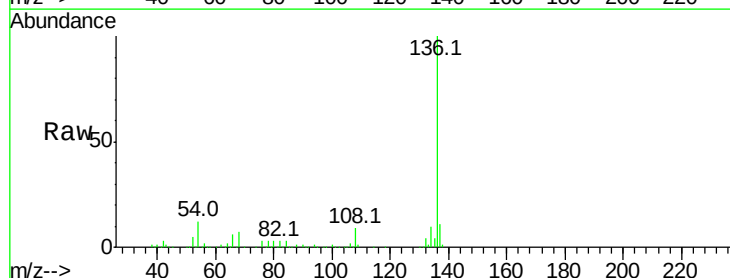
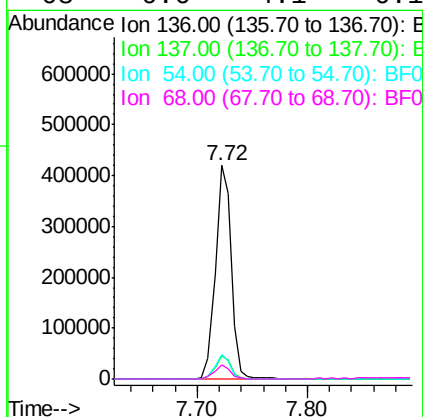
Instrument :
 BNA_F
 ClientSampleId :
 PB101187BL

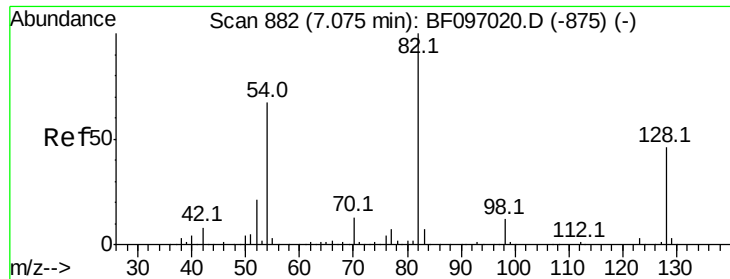
Tot Ion: 70 Resp: 82334
 Ion Ratio Lower Upper
 70 100
 42 60.9 47.2 70.8
 101 0.5 7.2 10.8#
 130 1.9 15.9 23.9#



#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#

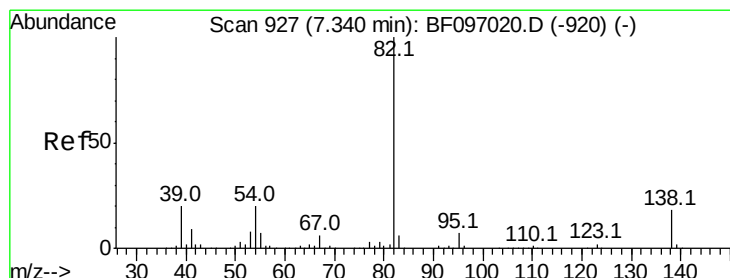
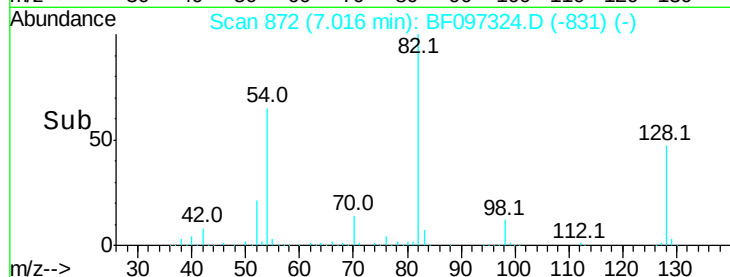
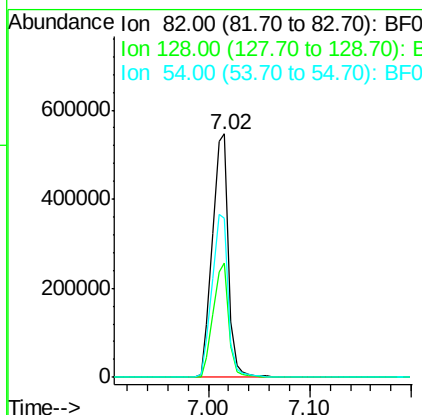
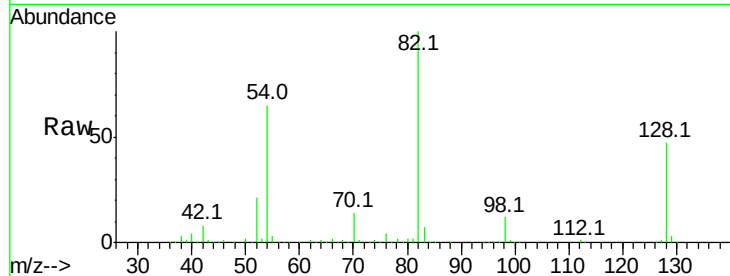




#23
 Nitrobenzene-d5
 Concen: 85.791 ng
 RT: 7.02 min Scan# 872
 Delta R.T. -0.06 min
 Lab File: BF097324.D
 Acq: 3 Aug 2017 18:43

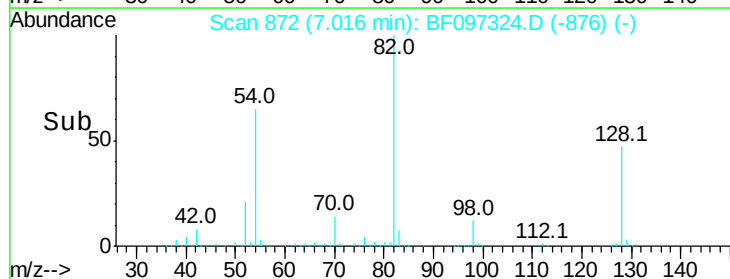
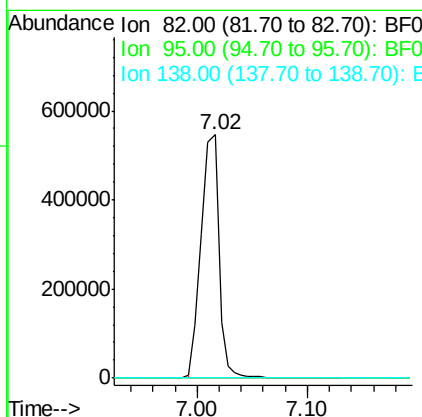
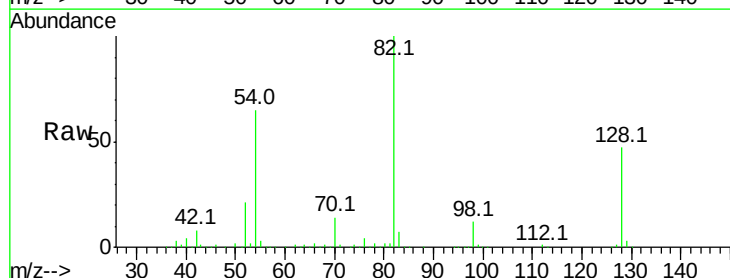
Instrument :
 BNA_F
 ClientSampleId :
 PB101187BL

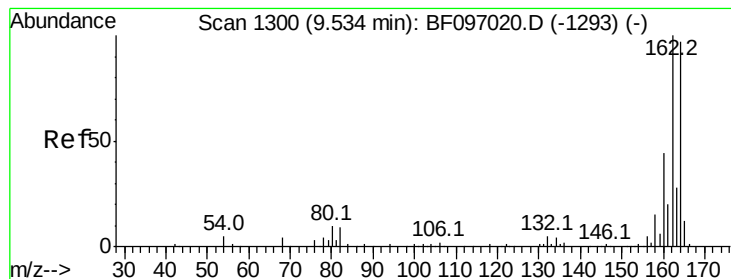
Tot Ion	82	Resp	605706
Ion Ratio	Lower	Upper	
82	100		
128	47.2	34.0	51.0
54	65.2	42.2	63.2#



#25
 Isophorone
 Concen: 43.422 ng
 RT: 7.02 min Scan# 872
 Delta R.T. -0.32 min
 Lab File: BF097324.D
 Acq: 3 Aug 2017 18:43

Tgt Ion	82	Resp	600379
Ion Ratio	Lower	Upper	
82	100		
95	0.1	5.3	7.9#
138	0.0	13.1	19.7#





#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

Instrument :

BNA_F

ClientSampleId :

PB101187BL

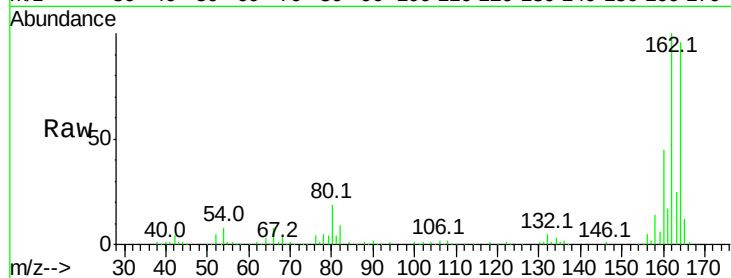
Tot Ion:164 Resp: 161205

Ion Ratio Lower Upper

164 100

162 104.0 82.6 123.8

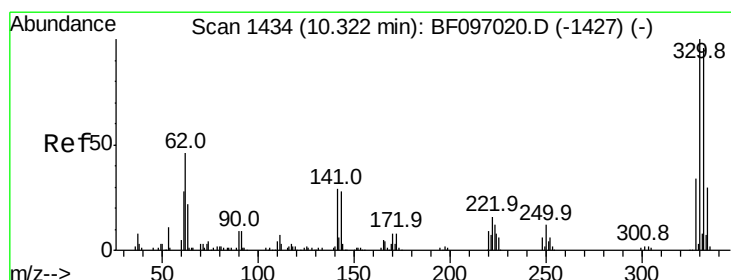
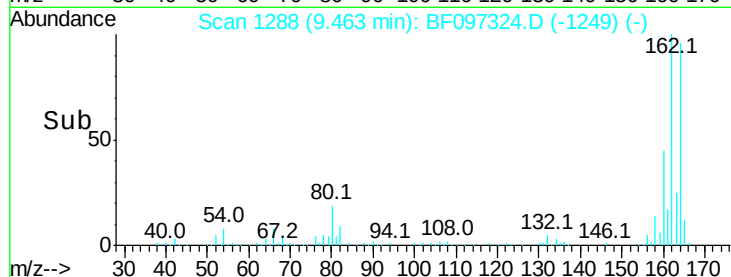
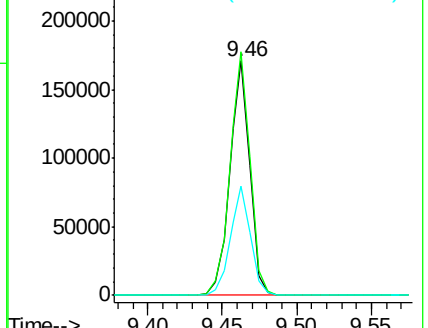
160 46.8 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#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

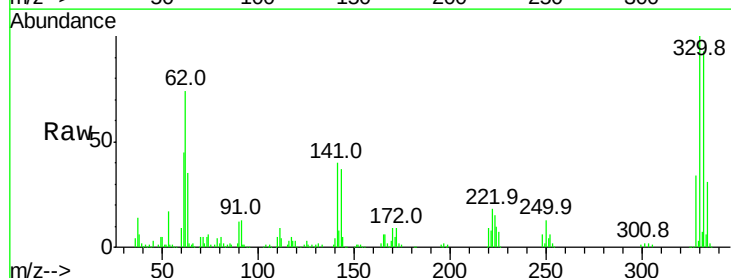
Tgt Ion:330 Resp: 179579

Ion Ratio Lower Upper

330 100

332 93.2 76.6 115.0

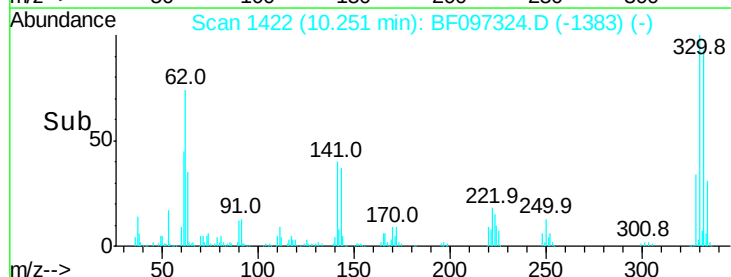
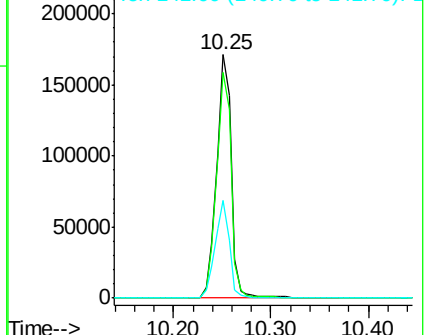
141 38.9 31.4 47.2

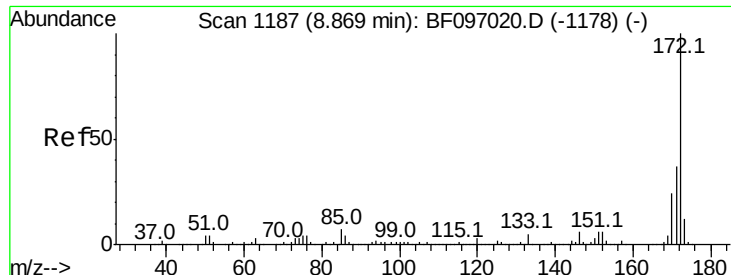


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

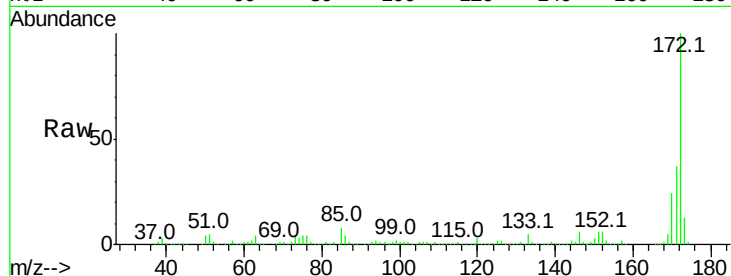




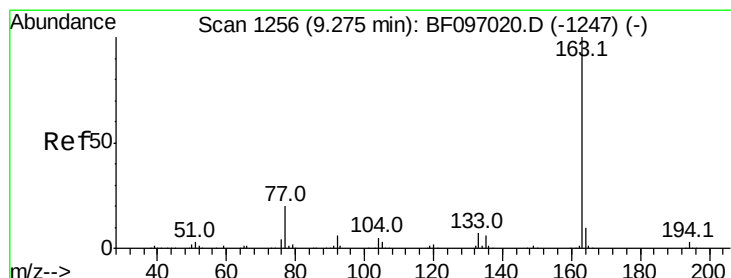
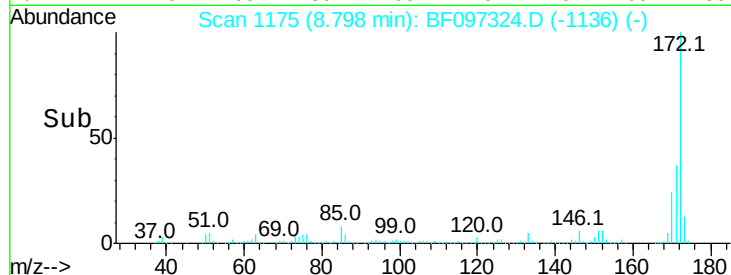
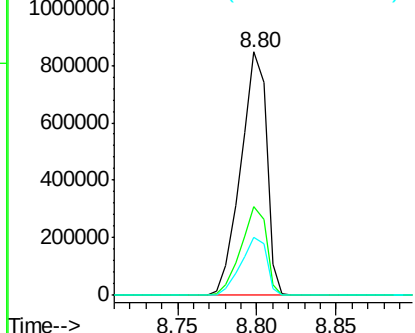
#44
2-Fluorobiphenyl
Concen: 100.842 ng
RT: 8.80 min Scan# 1175
Delta R.T. -0.07 min
Lab File: BF097324.D
Acq: 3 Aug 2017 18:43

Instrument :
BNA_F
ClientSampleId :
PB101187BL

Tot Ion:172 Resp: 957884
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.1 19.8 29.8

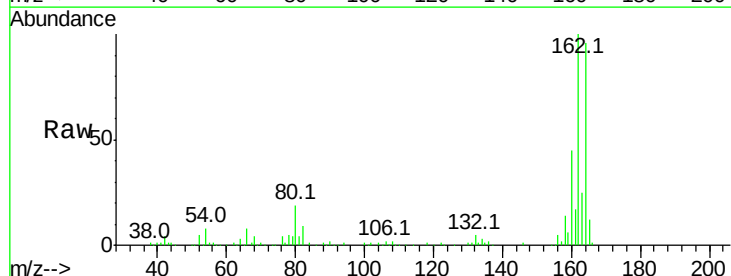


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

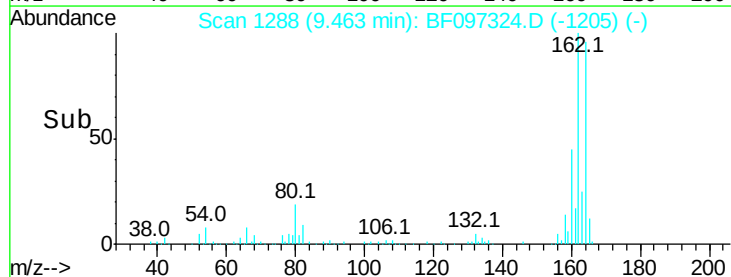
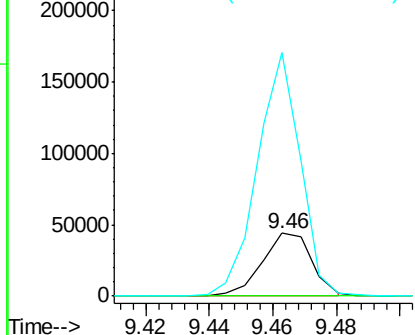


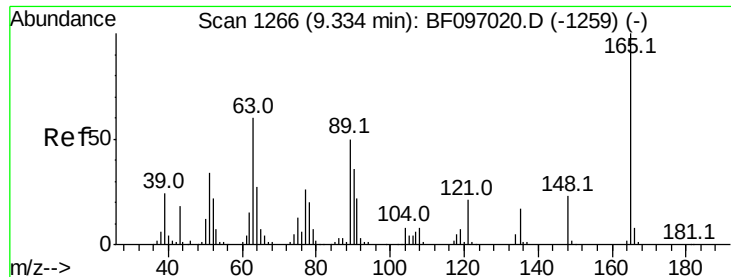
#49
Dimethylphthalate
Concen: 3.929 ng
RT: 9.46 min Scan# 1288
Delta R.T. 0.19 min
Lab File: BF097324.D
Acq: 3 Aug 2017 18:43

Tgt Ion:163 Resp: 48096
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 388.1 8.4 12.6#



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

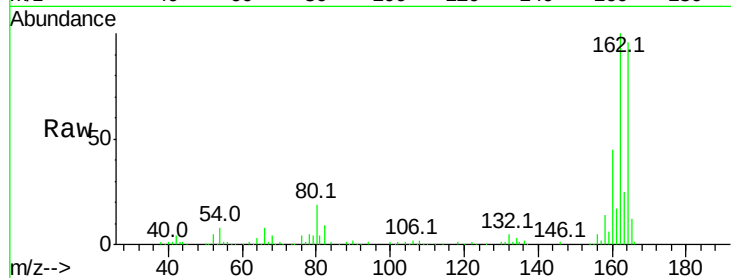




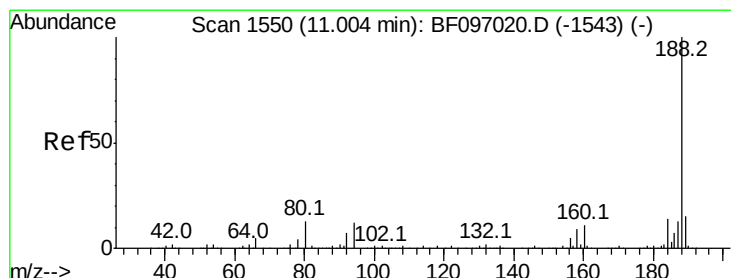
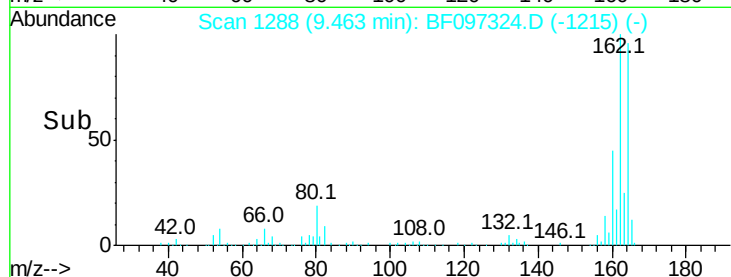
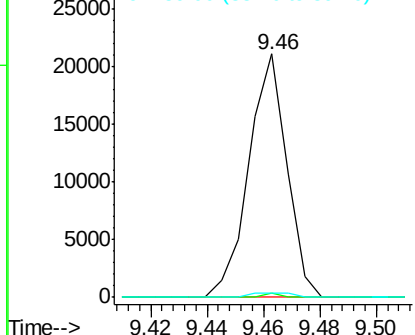
#50
 2,6-Dinitrotoluene
 Concen: 7.561 ng
 RT: 9.46 min Scan# 1288
 Delta R.T. 0.13 min
 Lab File: BF097324.D
 Acq: 3 Aug 2017 18:43

Instrument :
 BNA_F
 ClientSampled :
 PB101187BL

Tot Ion:165 Resp: 19632
 Ion Ratio Lower Upper
 165 100
 63 1.8 34.3 51.5#
 89 1.7 37.1 55.7#

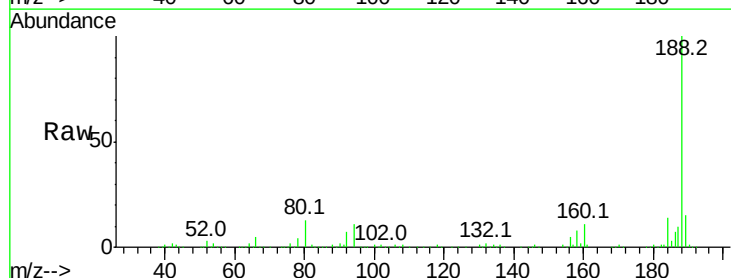


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

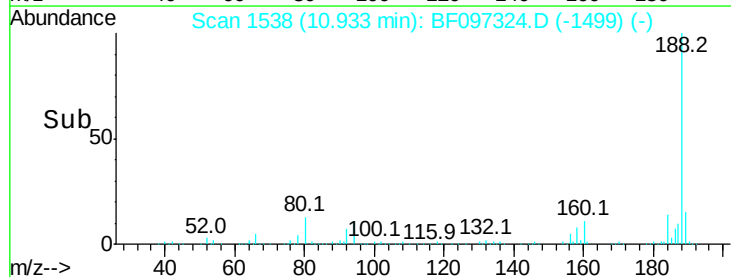
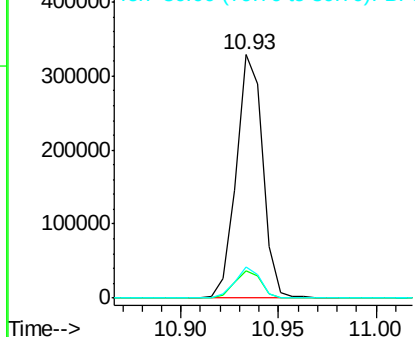


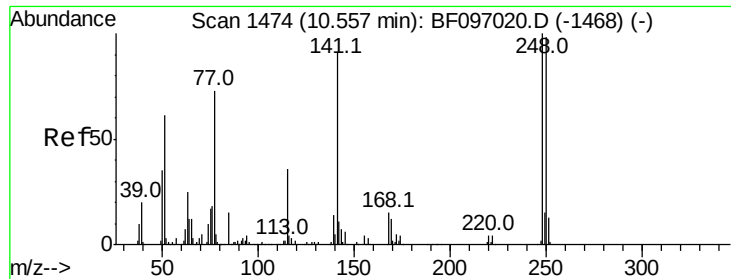
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.93 min Scan# 1538
 Delta R.T. -0.07 min
 Lab File: BF097324.D
 Acq: 3 Aug 2017 18:43

Tgt Ion:188 Resp: 309423
 Ion Ratio Lower Upper
 188 100
 94 11.4 9.4 14.2
 80 13.0 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

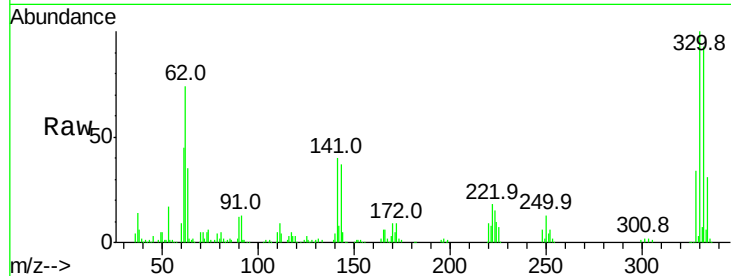




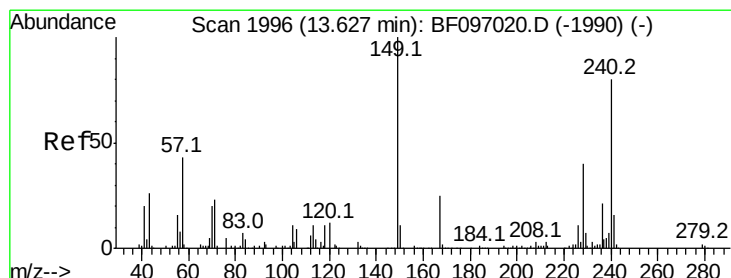
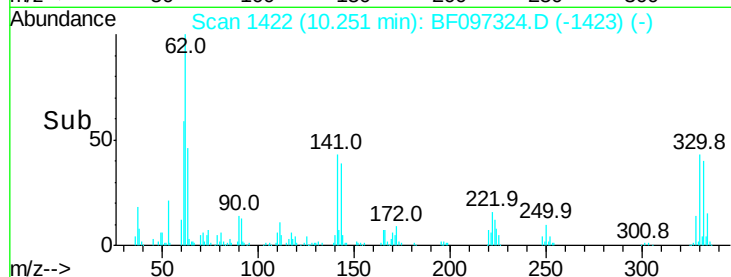
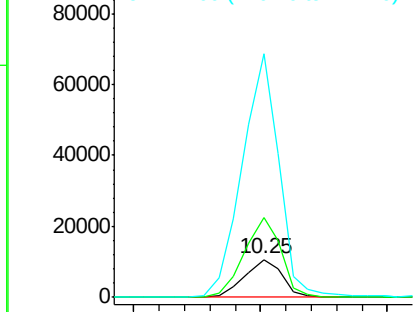
#66
 4-Bromophenyl-phenylether
 Concen: 3.596 ng
 RT: 10.25 min Scan# 1422
 Delta R.T. -0.31 min
 Lab File: BF097324.D
 Acq: 3 Aug 2017 18:43

Instrument :
 BNA_F
 ClientSampleId :
 PB101187BL

Tot Ion:248 Resp: 11104
 Ion Ratio Lower Upper
 248 100
 250 208.0 76.8 115.2#
 141 638.9 68.6 103.0#

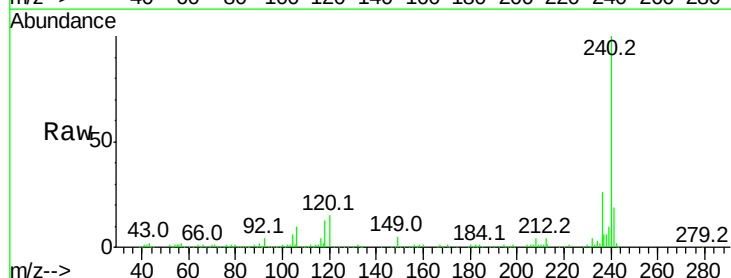


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

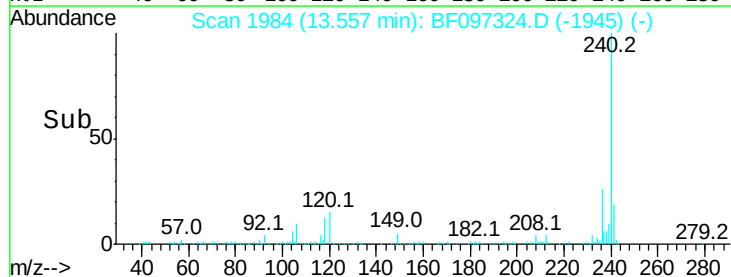
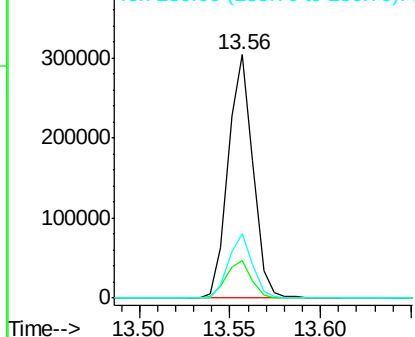


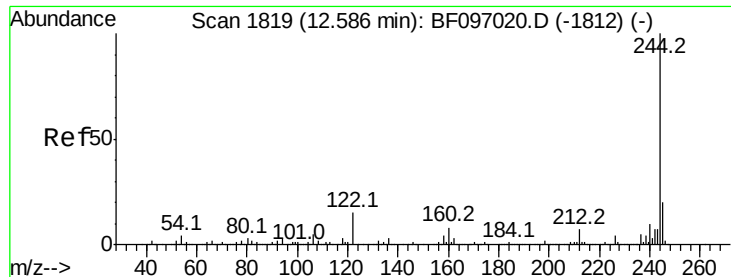
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.56 min Scan# 1984
 Delta R.T. -0.07 min
 Lab File: BF097324.D
 Acq: 3 Aug 2017 18:43

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



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: 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

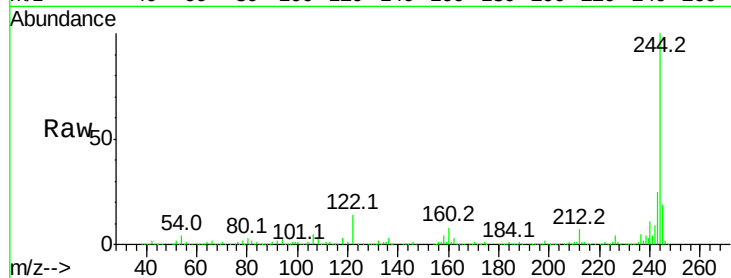
Tot Ion:244 Resp: 782196

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

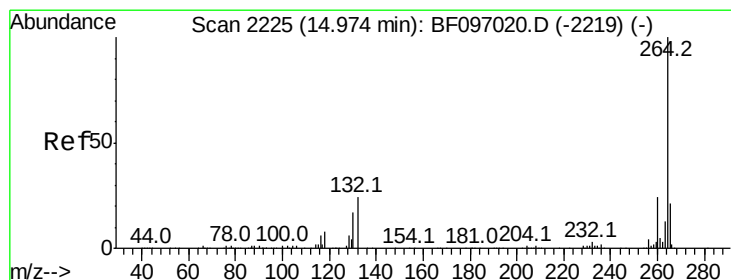
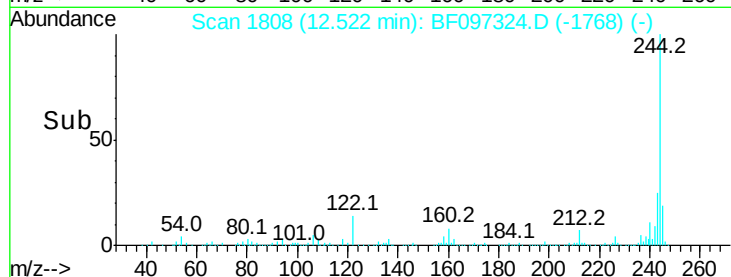
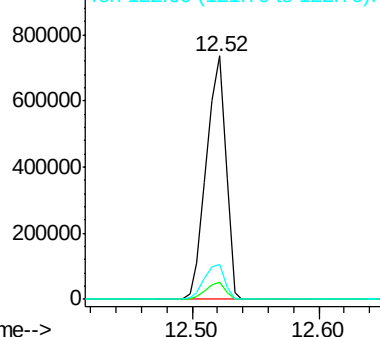
122 14.3 10.3 15.5



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

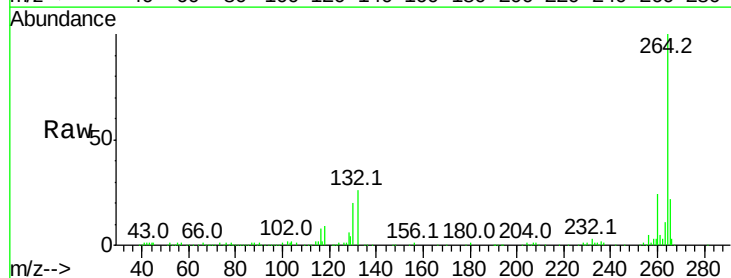
Tgt Ion:264 Resp: 237710

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

