

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

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 08 16:58:07 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

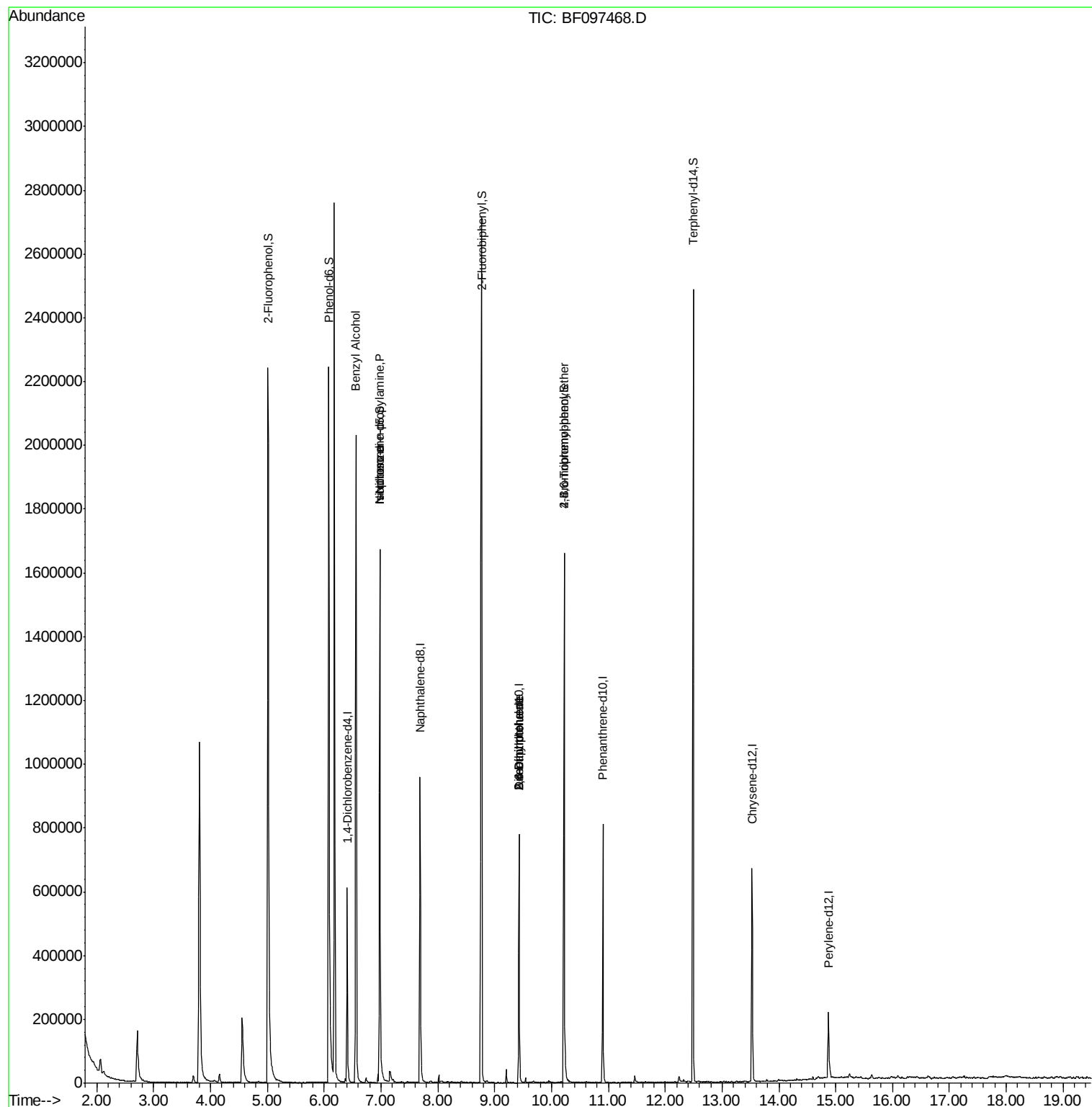
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	90454	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	443709	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	155298	20.00	ng	-0.01
63) Phenanthrene-d10	10.90	188	294029	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	229370	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						
15) Benzyl Alcohol	6.56	79	9069	2.091	ng	# 38
19) n-Nitroso-di-n-propylamine	6.98	70	81184	18.005	ng	# 88
25) Isophorone	6.98	82	600584	40.546	ng	# 67
49) Dimethylphthalate	9.43	163	52339	4.438	ng	# 1
50) 2,6-Dinitrotoluene	9.43	165	19351	7.737	ng	# 34
56) 2,4-Dinitrotoluene	9.43	165	19351	6.730	ng	# 34
66) 4-Bromophenyl-phenylether	10.22	248	13193	4.496	ng	# 1

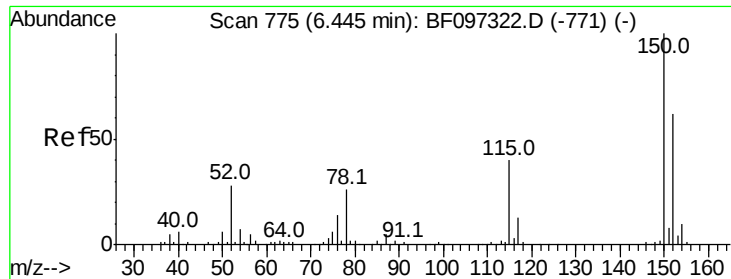
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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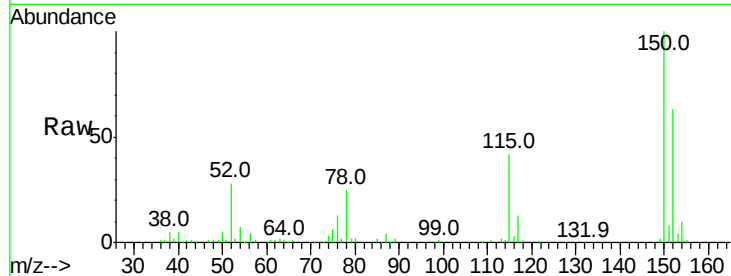


#1

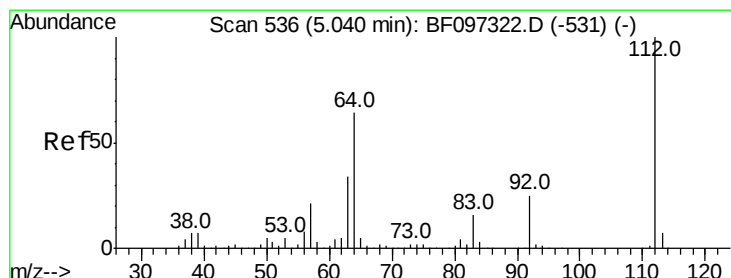
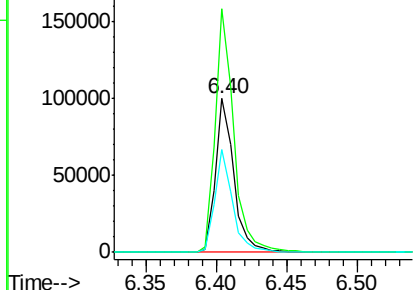
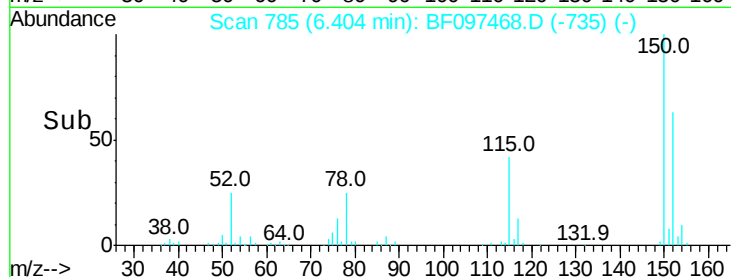
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097468.D
Acq: 8 Aug 2017 14:39

Instrument :
BNA_F
ClientSampleId :

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



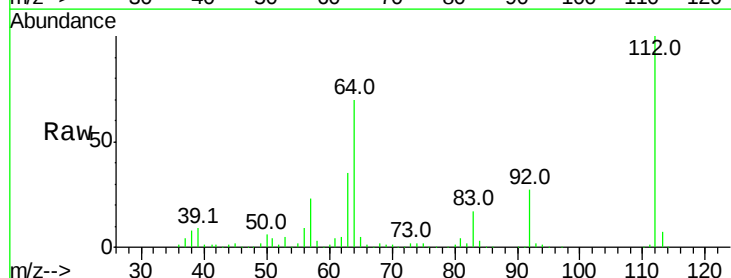
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



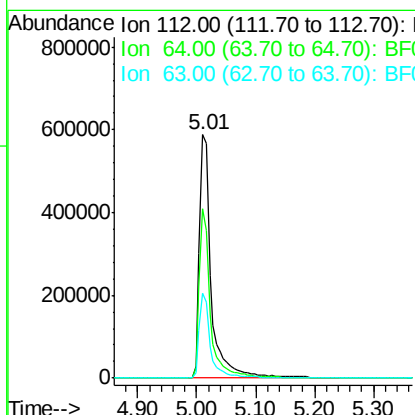
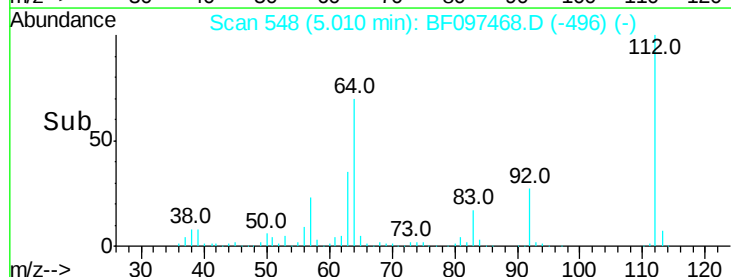
#5

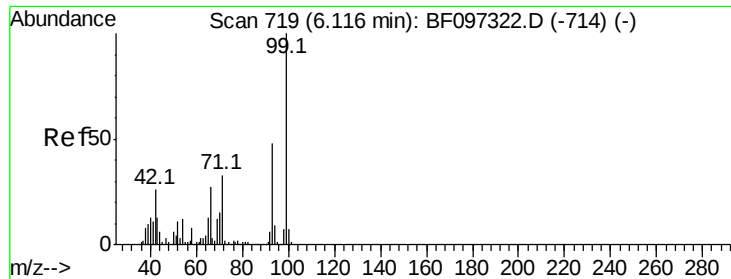
2-Fluorophenol
Concen: 135.663 ng
RT: 5.01 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF097468.D
Acq: 8 Aug 2017 14:39

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 :

BNA_F

ClientSampleId :

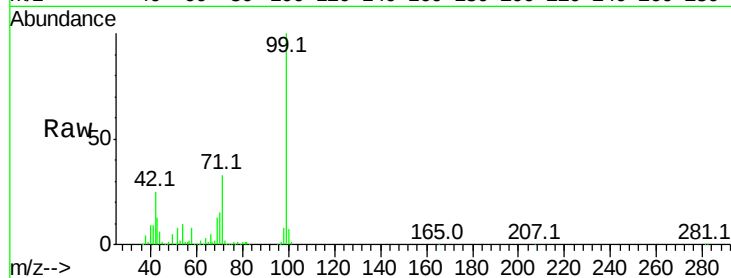
Tot Ion: 99 Resp: 898479

Ion Ratio Lower Upper

99 100

42 24.5 13.5 20.3#

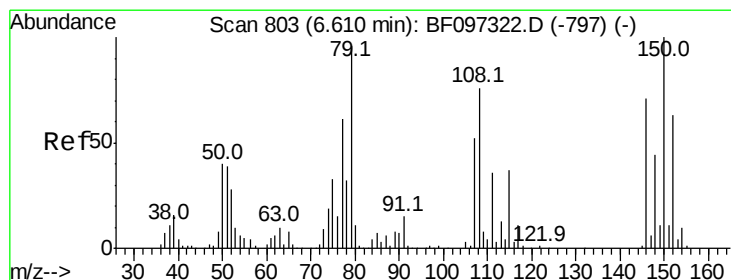
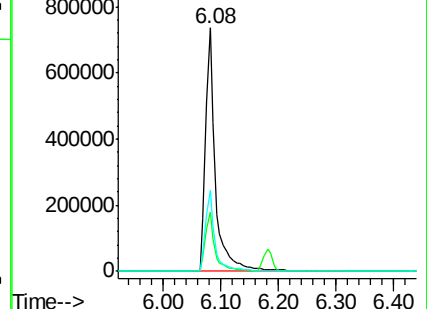
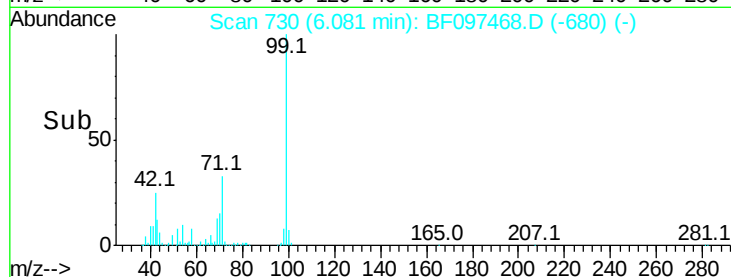
71 33.2 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.091 ng

RT: 6.56 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF097468.D

Acq: 8 Aug 2017 14:39

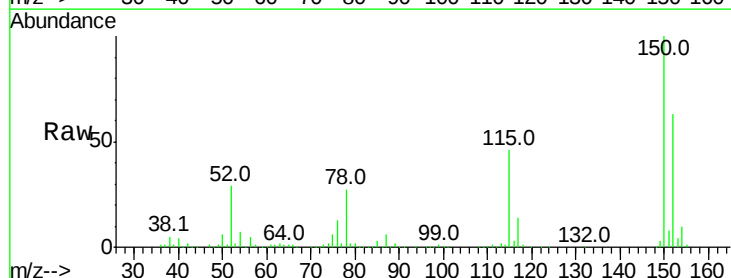
Tgt Ion: 79 Resp: 9069

Ion Ratio Lower Upper

79 100

108 26.6 63.4 95.0#

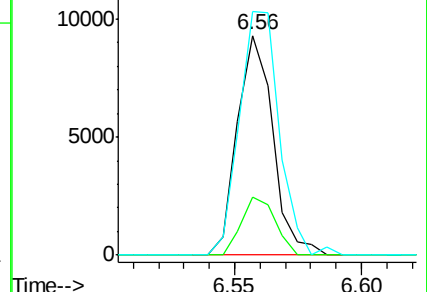
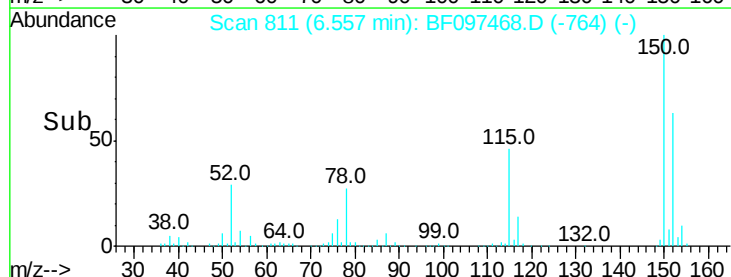
77 111.0 49.2 73.8#

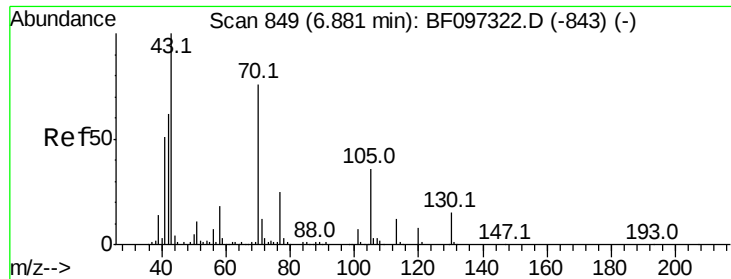


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

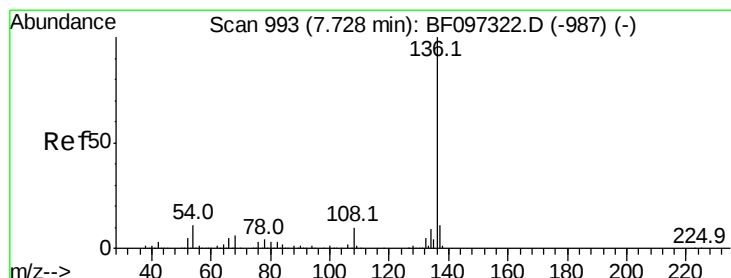
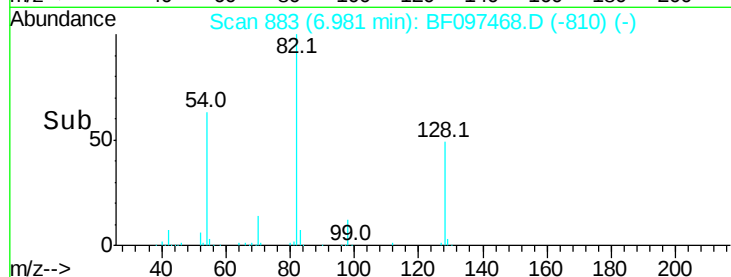
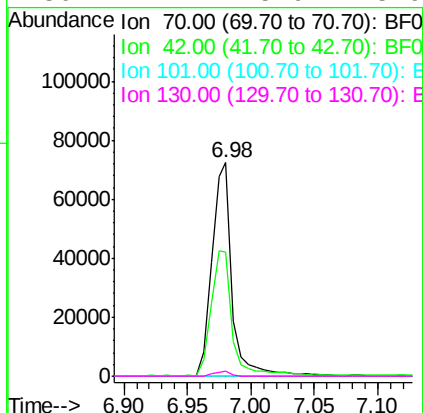
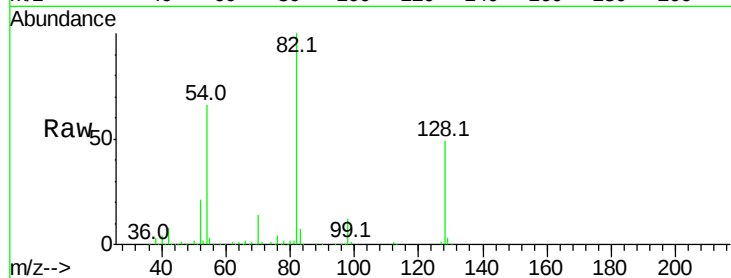




#19
n-Nitroso-di-n-propylamine
Concen: 18.005 ng
RT: 6.98 min Scan# 883
Delta R.T. 0.13 min
Lab File: BF097468.D
Acq: 8 Aug 2017 14:39

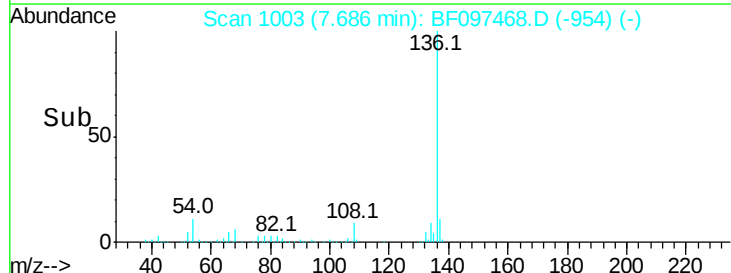
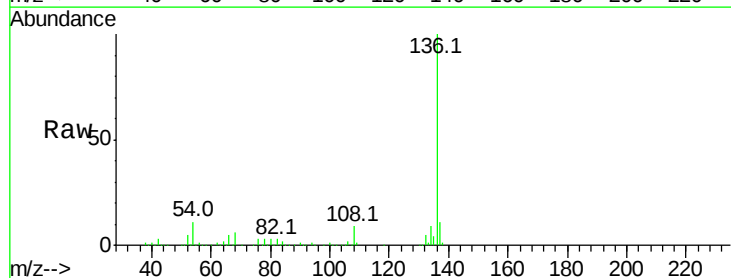
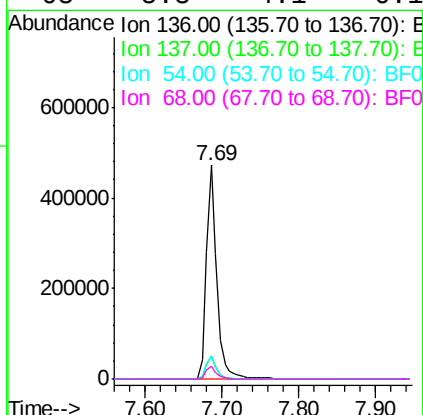
Instrument :
BNA_F
ClientSampleId :

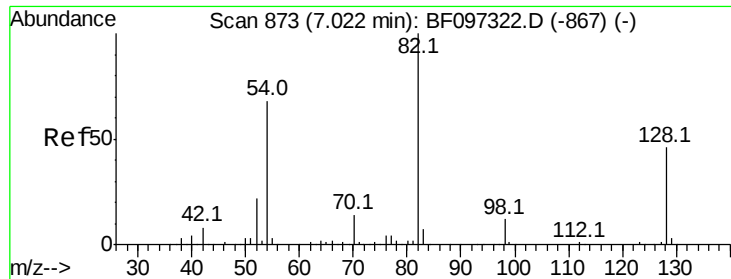
Tot Ion: 70 Resp: 81184
Ion Ratio Lower Upper
70 100
42 58.4 47.2 70.8
101 0.0 7.2 10.8#
130 2.1 15.9 23.9#



#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

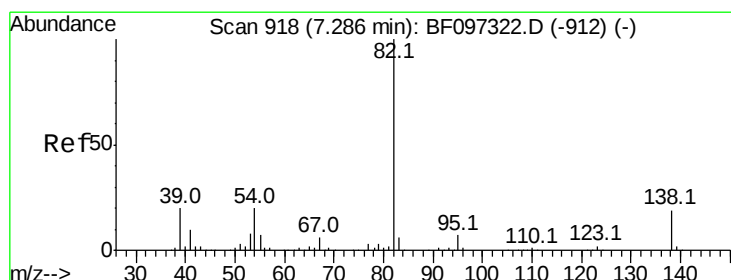
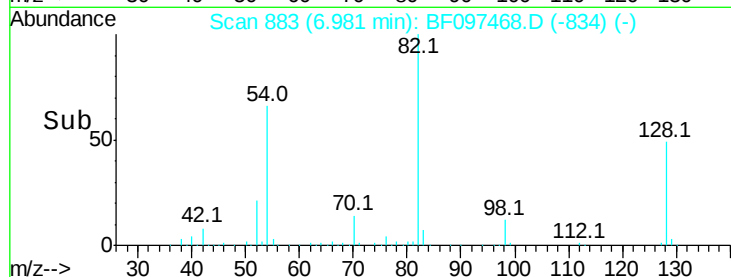
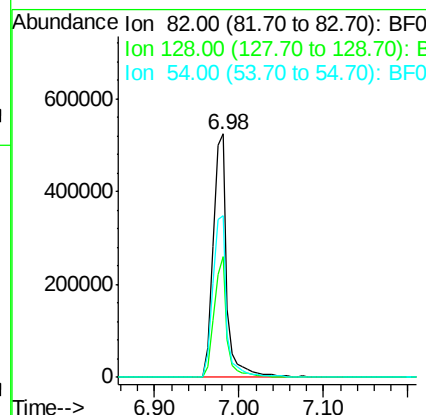
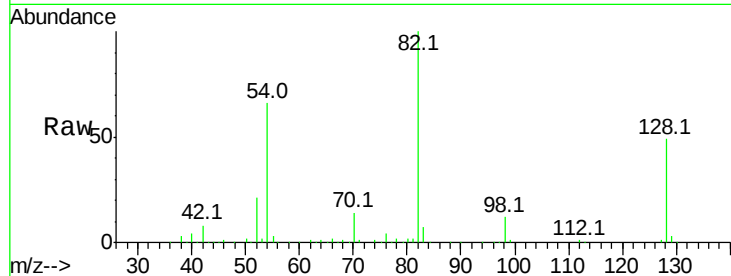




#23
 Nitrobenzene-d5
 Concen: 79.405 ng
 RT: 6.98 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF097468.D
 Acq: 8 Aug 2017 14:39

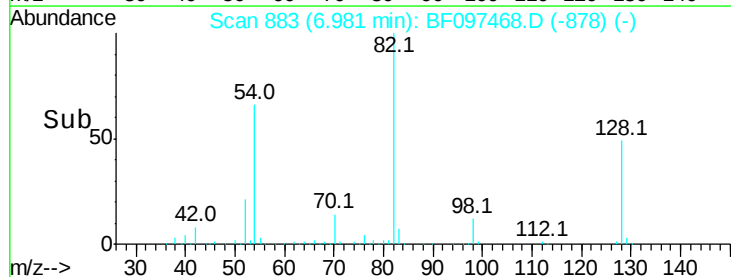
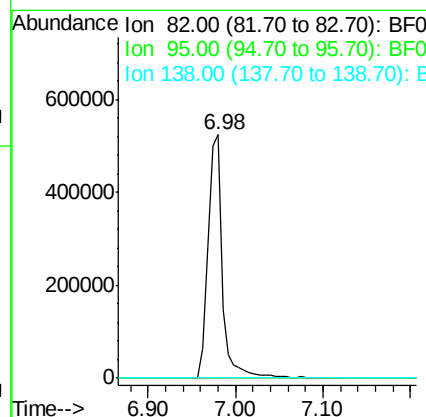
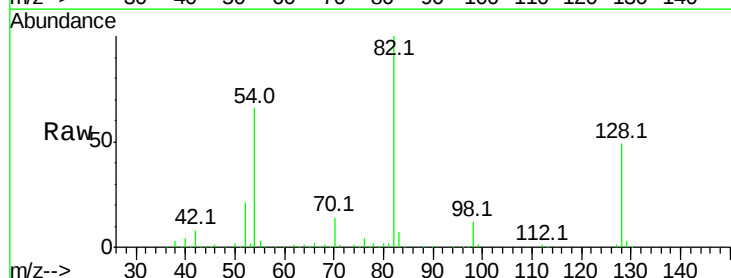
Instrument :
 BNA_F
 ClientSampleId :

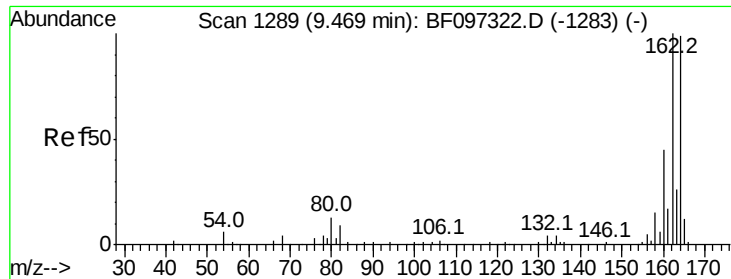
Tot Ion	82	Resp	600588
Ion Ratio	Lower	Upper	
82	100		
128	49.4	34.0	51.0
54	66.5	42.2	63.2#



#25
 Isophorone
 Concen: 40.546 ng
 RT: 6.98 min Scan# 883
 Delta R.T. -0.27 min
 Lab File: BF097468.D
 Acq: 8 Aug 2017 14:39

Tgt Ion	82	Resp	600584
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

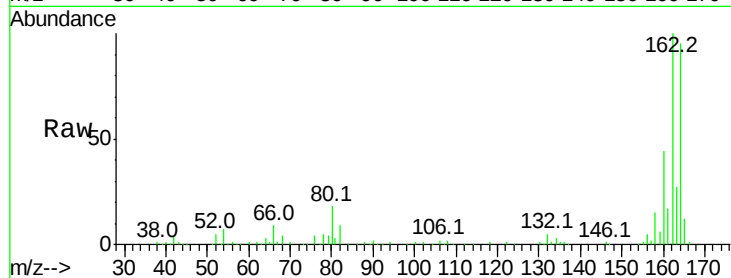




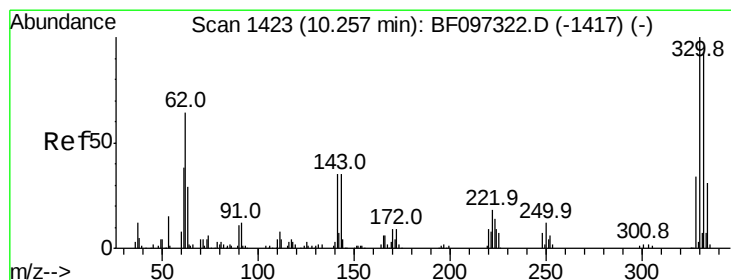
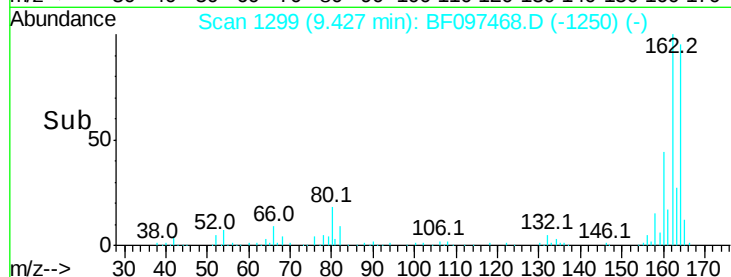
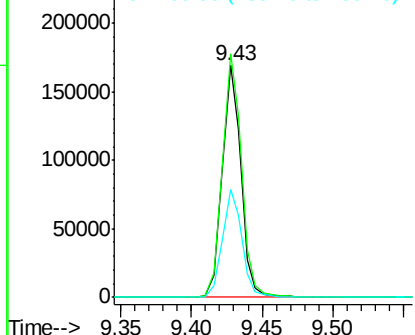
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.43 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF097468.D
 Acq: 8 Aug 2017 14:39

Instrument :
 BNA_F
 ClientSampleId :

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

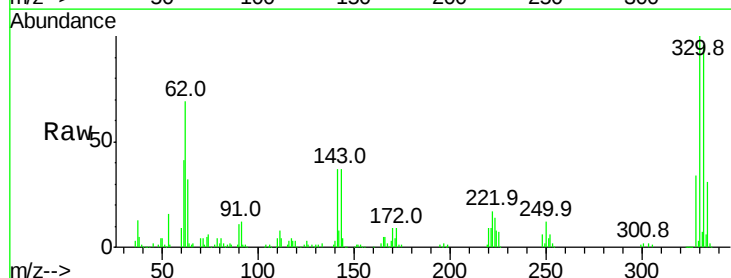


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

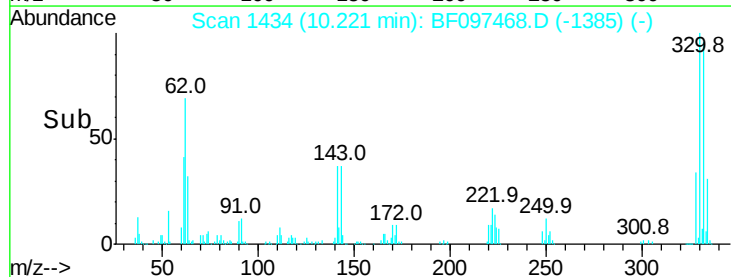
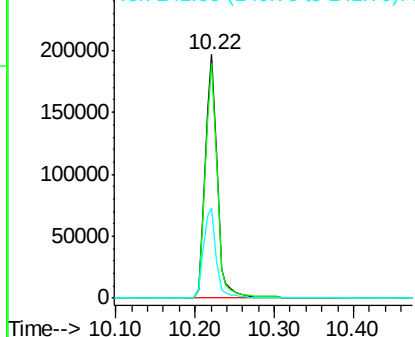


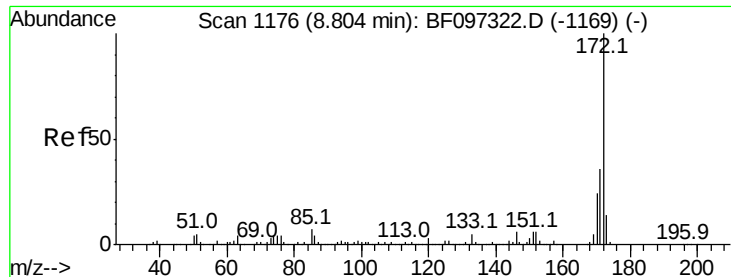
#41
 2,4,6-Tribromophenol
 Concen: 173.043 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097468.D
 Acq: 8 Aug 2017 14:39

Tgt Ion:330 Resp: 212324
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 115.0
 141 38.8 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

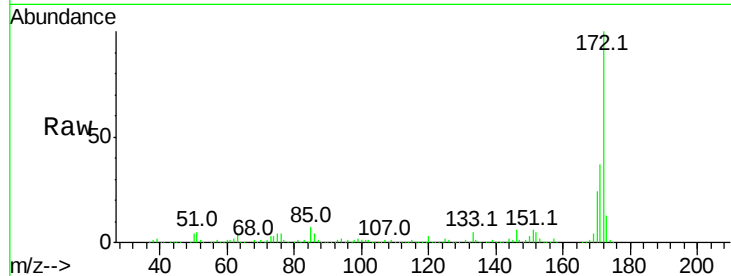




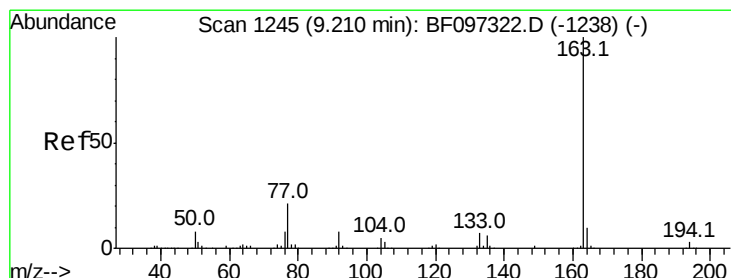
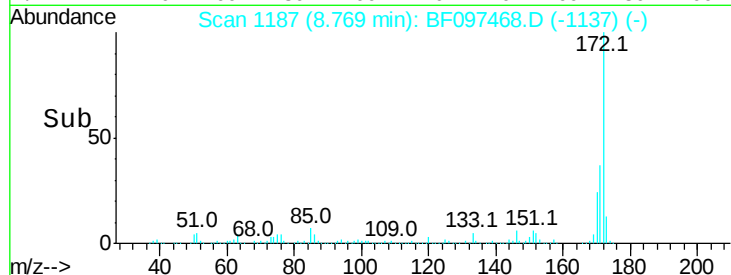
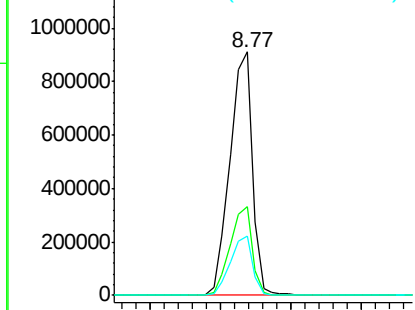
#44
2-Fluorobiphenyl
Concen: 110.757 ng
RT: 8.77 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF097468.D
Acq: 8 Aug 2017 14:39

Instrument :
BNA_F
ClientSampleId :

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

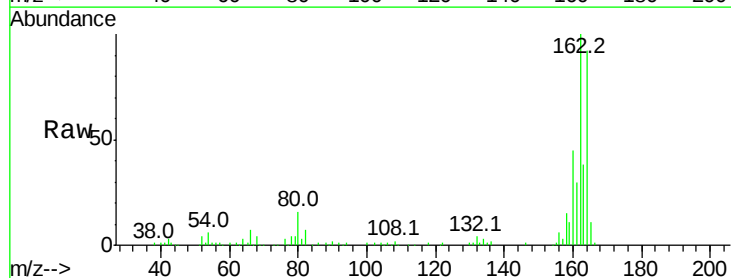


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

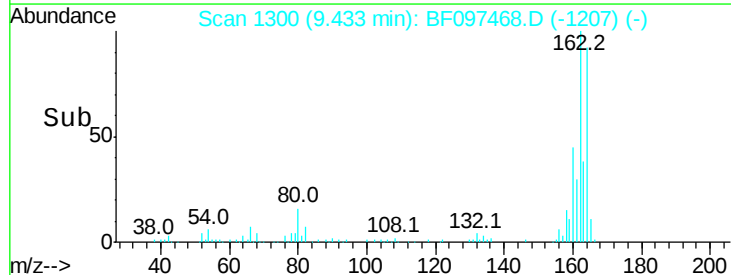
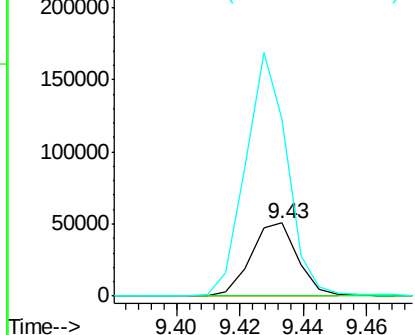


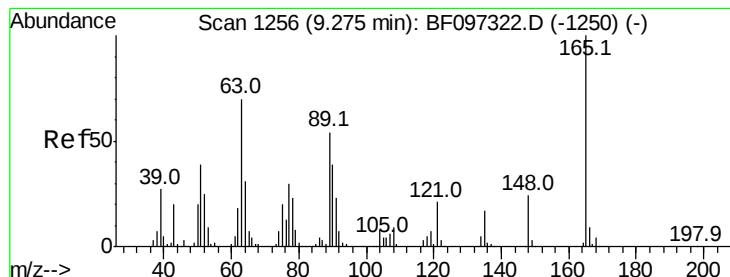
#49
Dimethylphthalate
Concen: 4.438 ng
RT: 9.43 min Scan# 1300
Delta R.T. 0.25 min
Lab File: BF097468.D
Acq: 8 Aug 2017 14:39

Tgt Ion:163 Resp: 52339
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 241.6 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: 7.737 ng

RT: 9.43 min Scan# 1299

Delta R.T. 0.18 min

Lab File: BF097468.D

Acq: 8 Aug 2017 14:39

Instrument :

BNA_F

ClientSampleId :

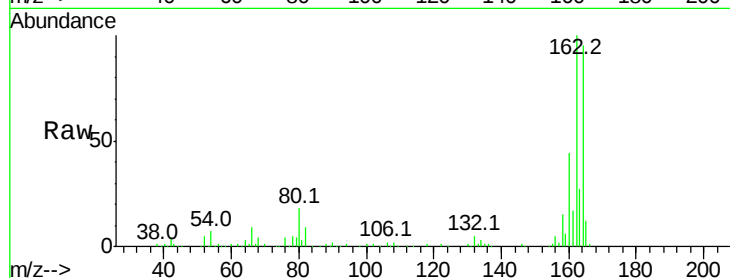
Tot Ion:165 Resp: 19351

Ion Ratio Lower Upper

165 100

63 1.5 34.3 51.5#

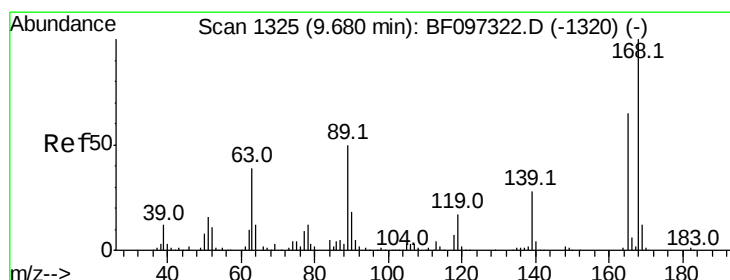
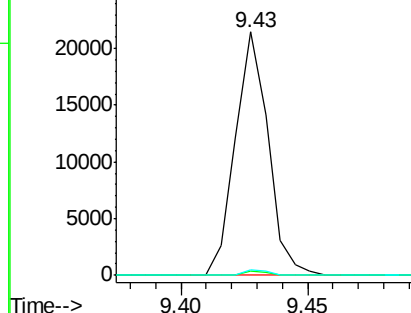
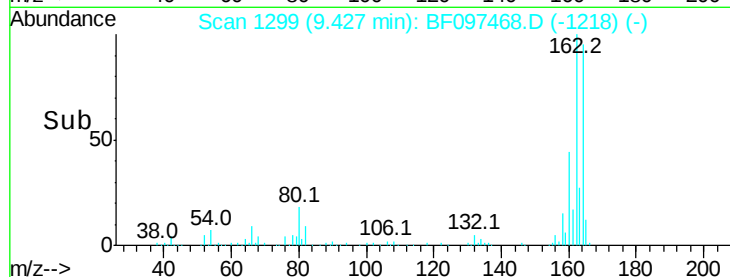
89 2.3 37.1 55.7#



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



#56

2,4-Dinitrotoluene

Concen: 6.730 ng

RT: 9.43 min Scan# 1299

Delta R.T. -0.24 min

Lab File: BF097468.D

Acq: 8 Aug 2017 14:39

Tgt Ion:165 Resp: 19351

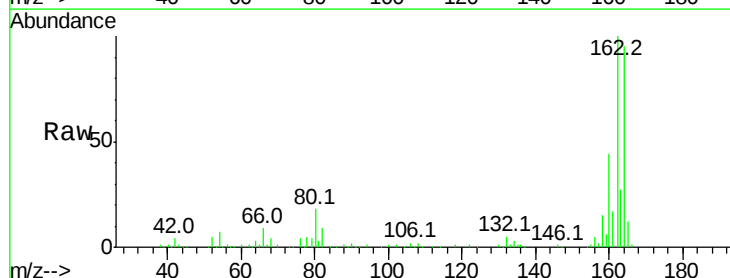
Ion Ratio Lower Upper

165 100

63 1.5 25.4 38.0#

89 2.3 46.4 69.6#

182 0.0 1.8 2.6#

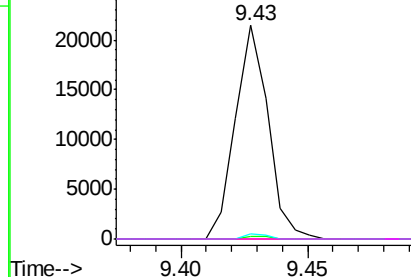
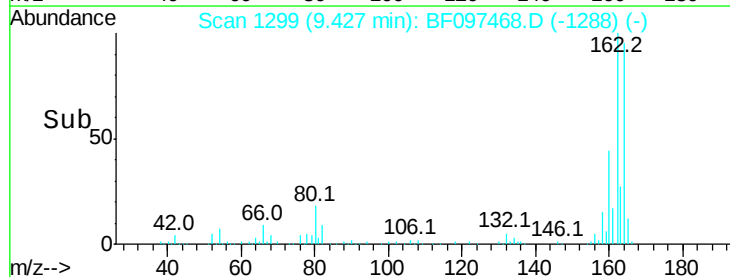


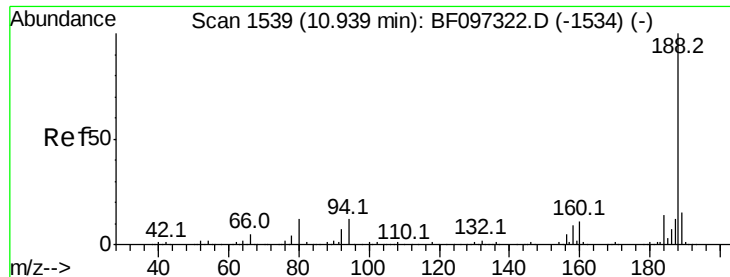
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#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

ClientSampled :

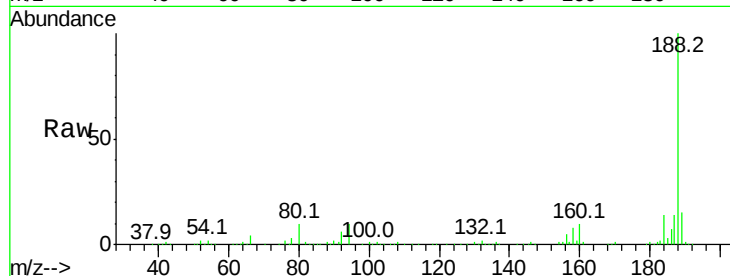
Tot Ion:188 Resp: 294029

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

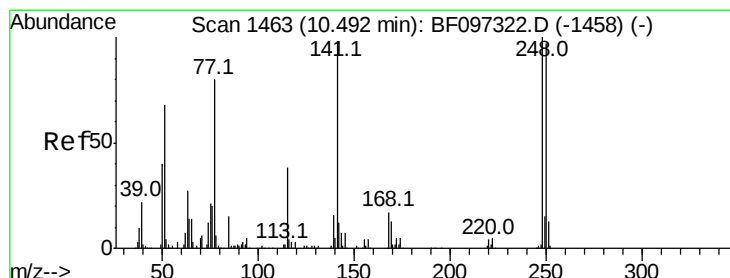
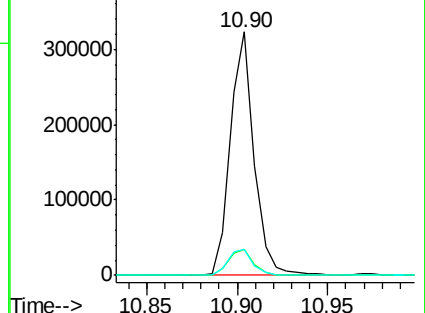
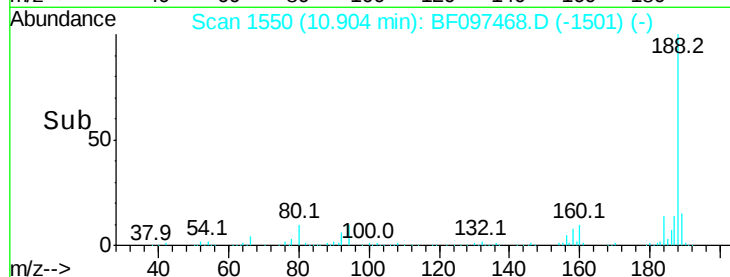
80 10.5 10.2 15.2



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



#66

4-Bromophenyl-phenylether

Concen: 4.496 ng

RT: 10.22 min Scan# 1434

Delta R.T. -0.25 min

Lab File: BF097468.D

Acq: 8 Aug 2017 14:39

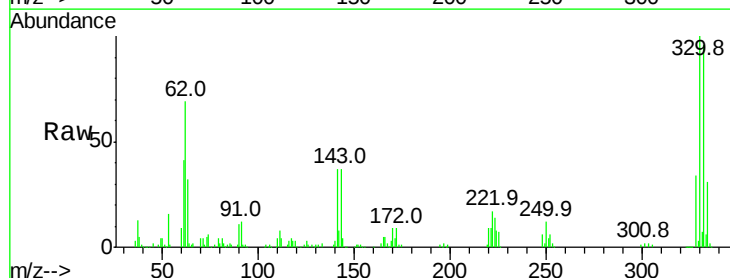
Tgt Ion:248 Resp: 13193

Ion Ratio Lower Upper

248 100

250 195.3 76.8 115.2#

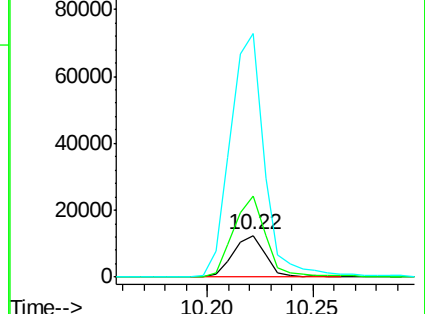
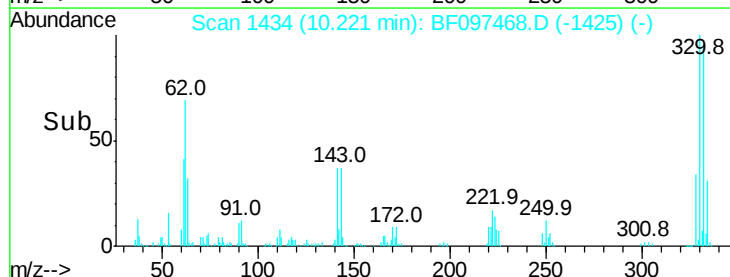
141 583.9 68.6 103.0#

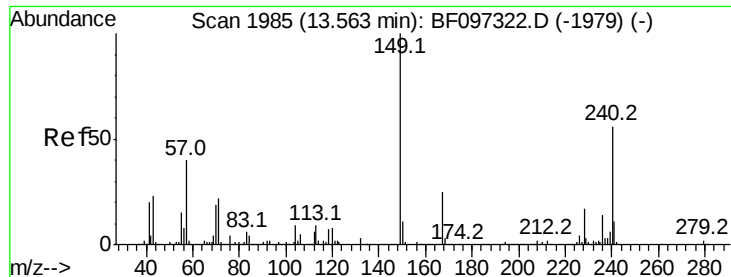


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.53 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF097468.D

Acq: 8 Aug 2017 14:39

Instrument :

BNA_F

ClientSampleId :

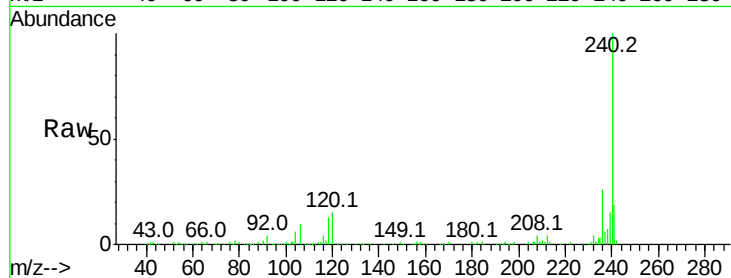
Tot Ion:240 Resp: 229370

Ion Ratio Lower Upper

240 100

120 14.9 5.8 8.8#

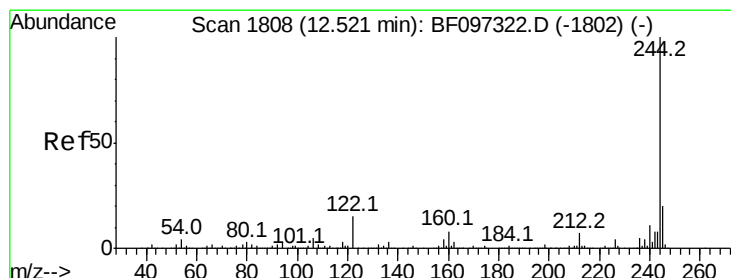
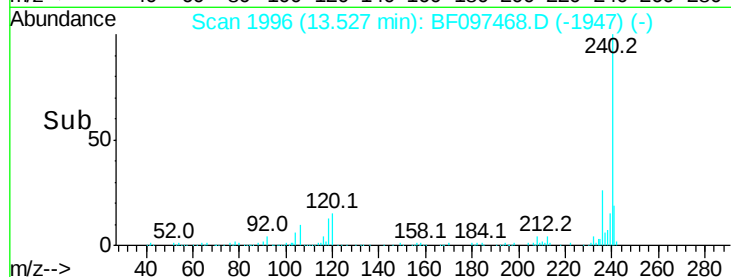
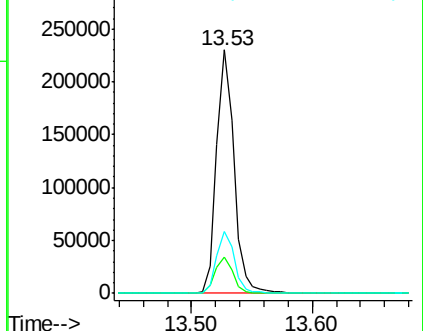
236 25.7 20.5 30.7



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

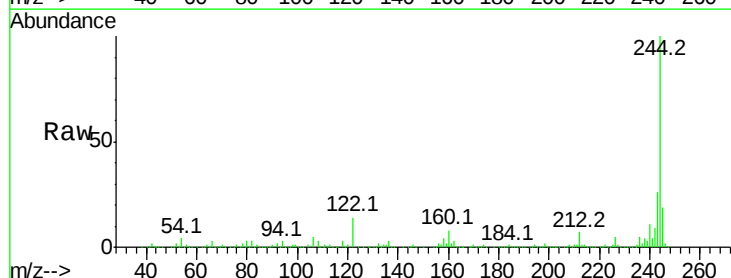
Tgt Ion:244 Resp: 861708

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

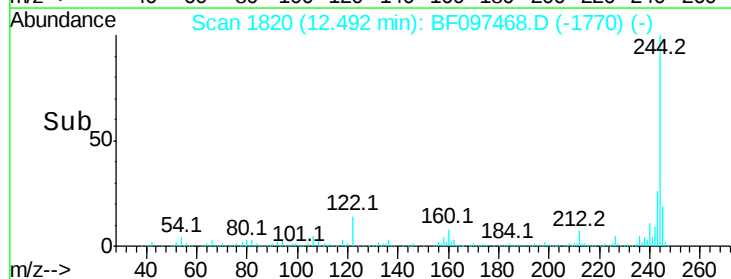
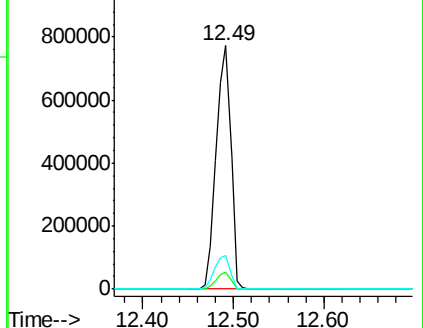
122 14.1 10.3 15.5

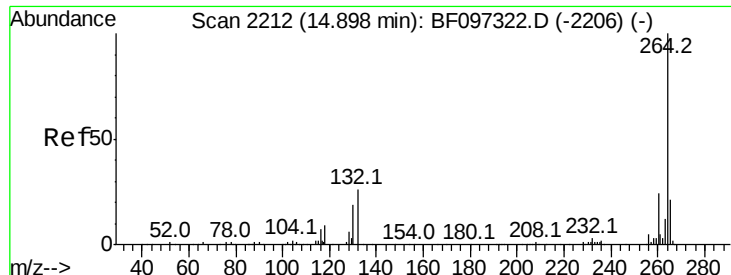


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

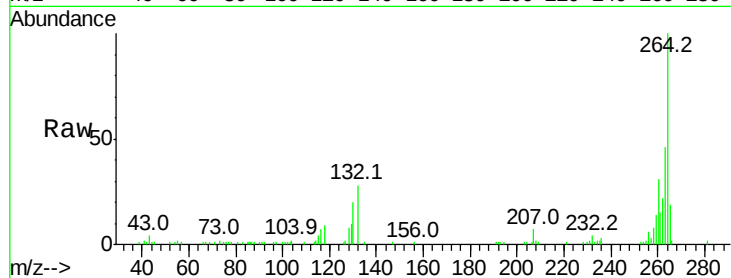




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 14.87 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: BF097468.D
 Acq: 8 Aug 2017 14:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 60784
 Ion Ratio Lower Upper
 264 100
 260 30.6 19.5 29.3#
 265 19.5 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

