

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070717\
 Data File : BF096584.D
 Acq On : 8 Jul 2017 2:56
 Operator : SJ/MA
 Sample : I4095-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 08 04:13:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

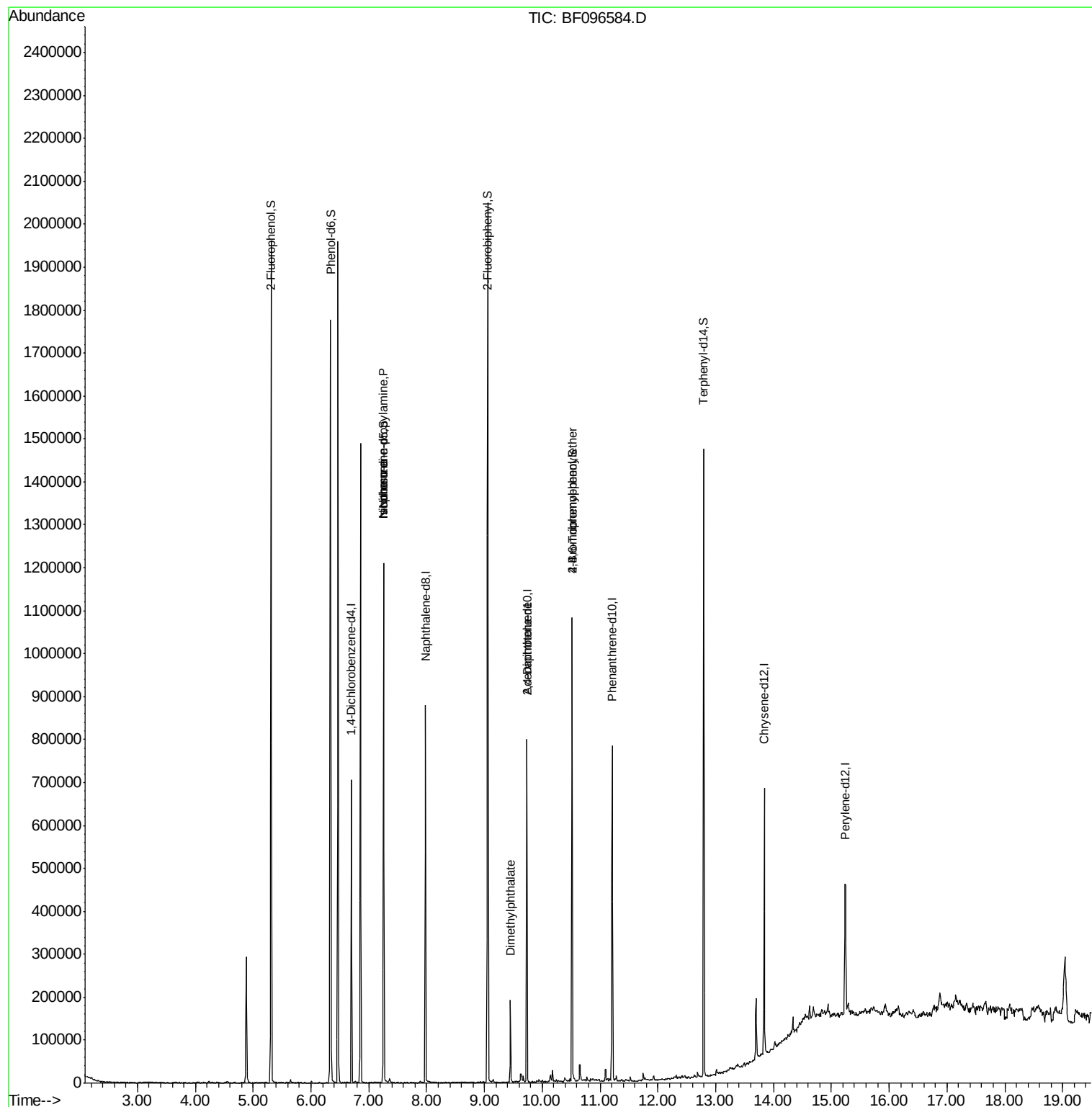
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	92968	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	370385	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	159001	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	253543	20.00	ng	0.00
75) Chrysene-d12	13.84	240	192679	20.00	ng	0.00
86) Perylene-d12	15.24	264	135315	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	515171	81.79	ng	0.00
7) Phenol-d6	6.34	99	611326	78.95	ng	0.00
23) Nitrobenzene-d5	7.26	82	326390	52.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	107180	86.30	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	606558	65.22	ng	0.00
78) Terphenyl-d14	12.79	244	419301	46.50	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	42974	9.32	ng	# 89
25) Isophorone	7.26	82	323590	27.08	ng	# 67
49) Dimethylphthalate	9.45	163	76776	6.47	ng	100
56) 2,4-Dinitrotoluene	9.73	165	19828	5.97	ng	# 32
66) 4-Bromophenyl-phenylether	10.52	248	6786	2.75	ng	# 1

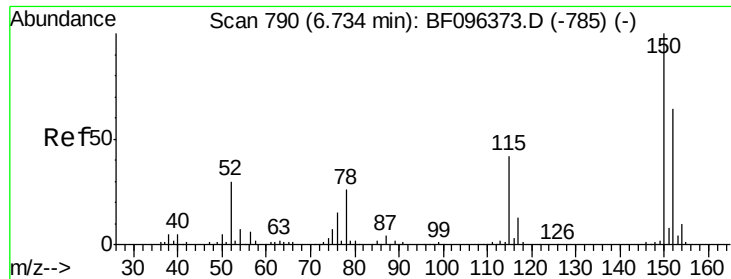
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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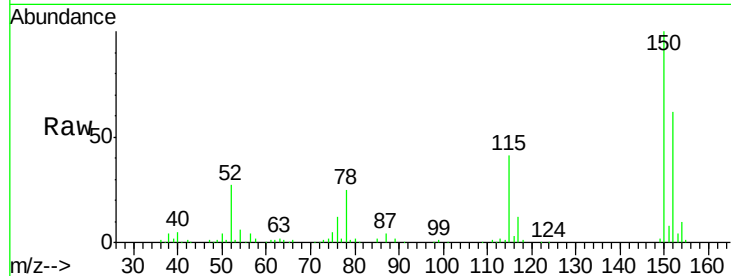


#1

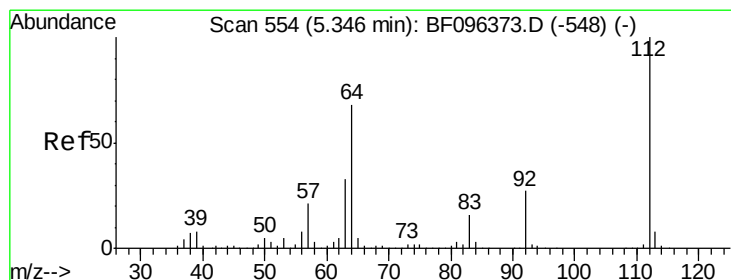
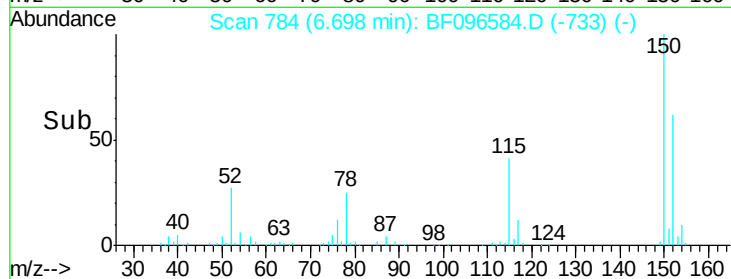
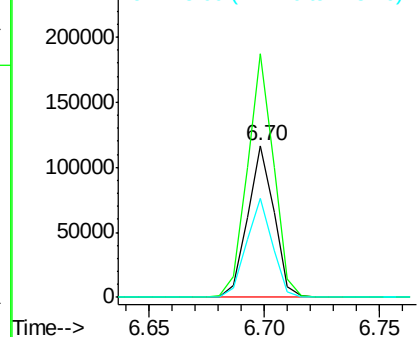
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF096584.D
Acq: 8 Jul 2017 2:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 92968
Ion Ratio Lower Upper
152 100
150 160.2 126.2 189.2
115 65.5 52.2 78.2



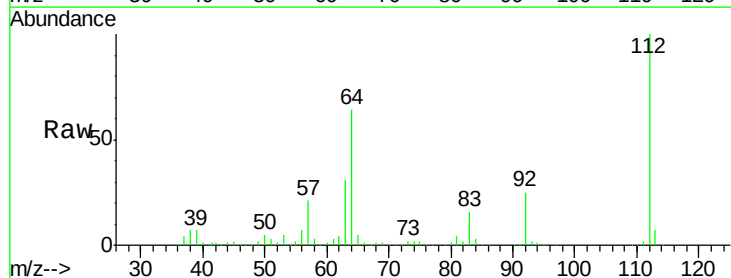
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



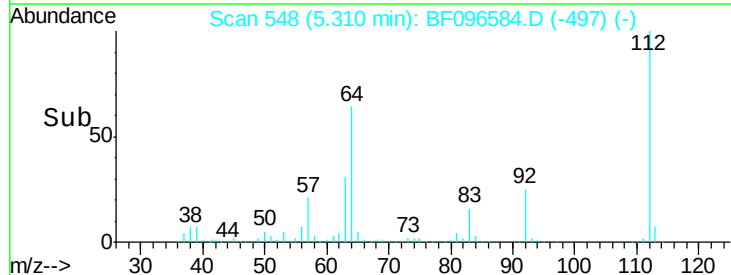
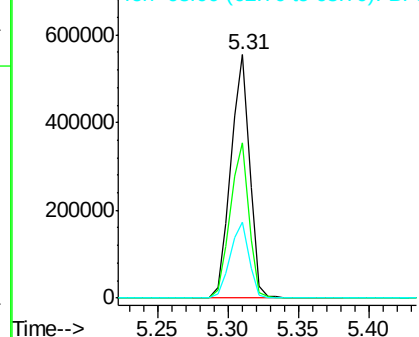
#5

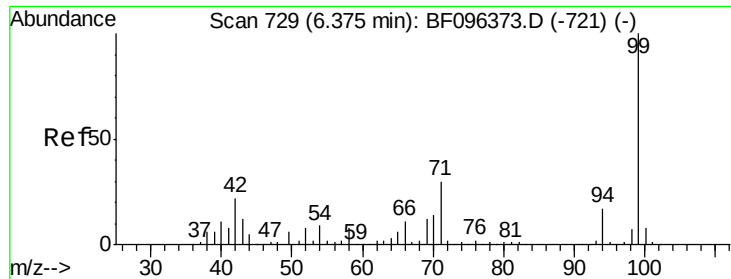
2-Fluorophenol
Concen: 81.79 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF096584.D
Acq: 8 Jul 2017 2:56

Tgt Ion:112 Resp: 515171
Ion Ratio Lower Upper
112 100
64 63.6 46.0 69.0
63 31.3 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: 78.95 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096584.D

Acq: 8 Jul 2017 2:56

Instrument :

BNA_F

ClientSampleId :

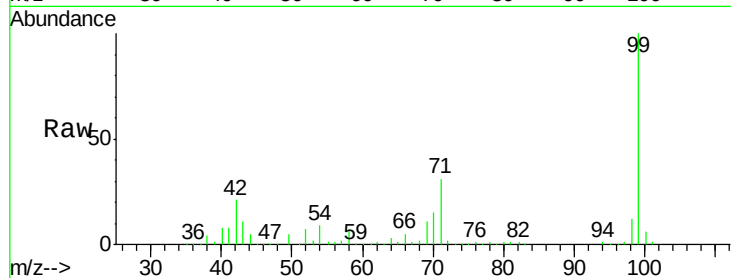
Tot Ion: 99 Resp: 611326

Ion Ratio Lower Upper

99 100

42 21.3 13.5 20.3#

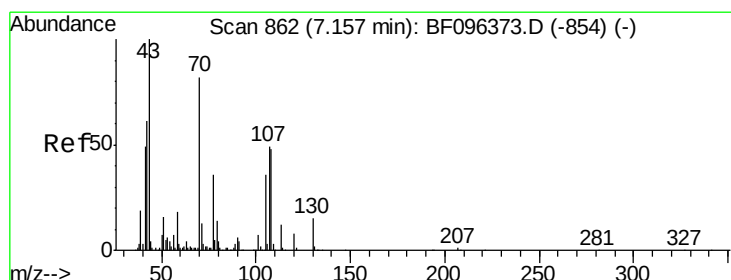
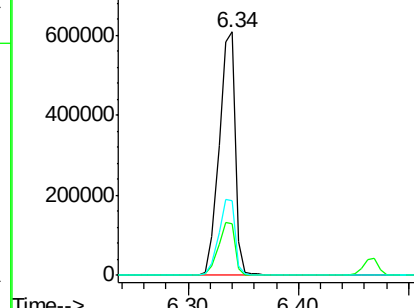
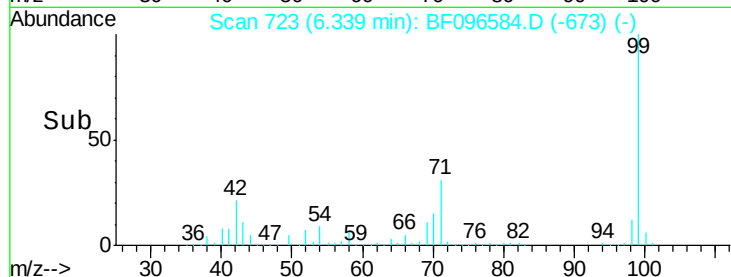
71 30.6 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 9.32 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.13 min

Lab File: BF096584.D

Acq: 8 Jul 2017 2:56

Tgt Ion: 70 Resp: 42974

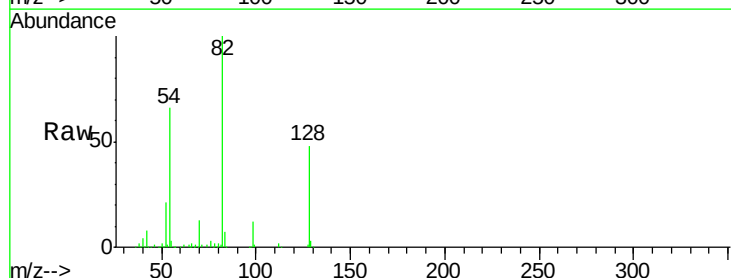
Ion Ratio Lower Upper

70 100

42 58.9 47.2 70.8

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

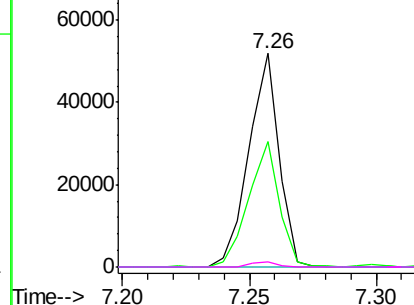
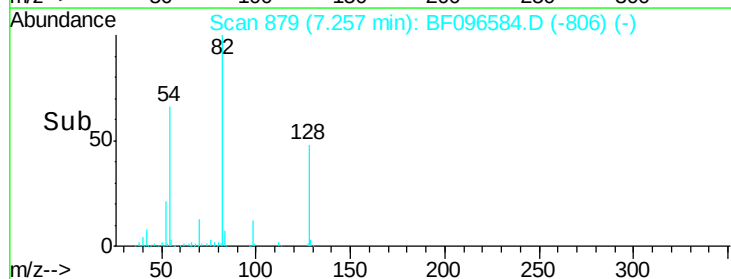


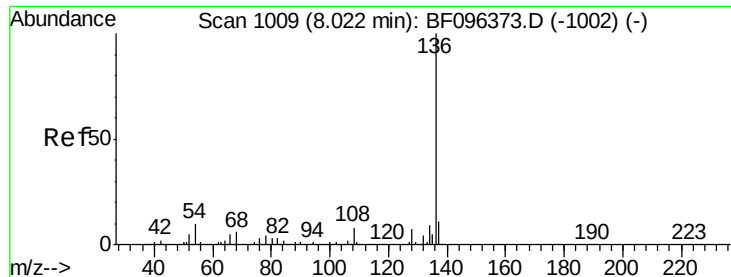
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF096584.D

Acq: 8 Jul 2017 2:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 370385

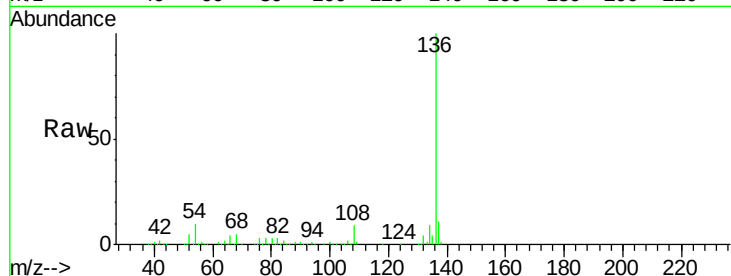
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 9.7 4.9 7.3#

68 5.2 4.1 6.1

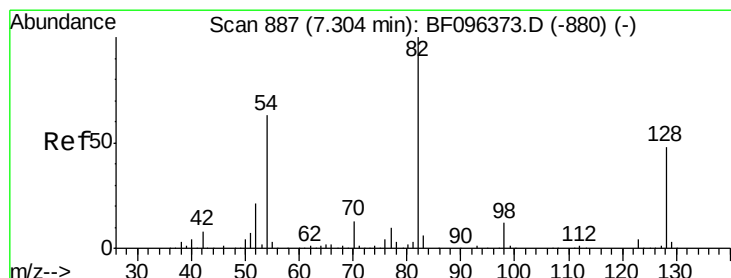
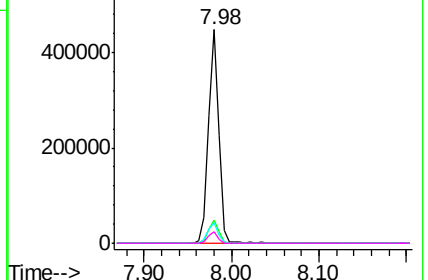
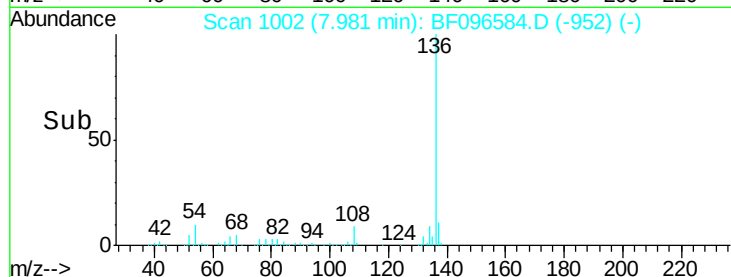


Abundance Ion 136.00 (135.70 to 136.70): E

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: 52.95 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF096584.D

Acq: 8 Jul 2017 2:56

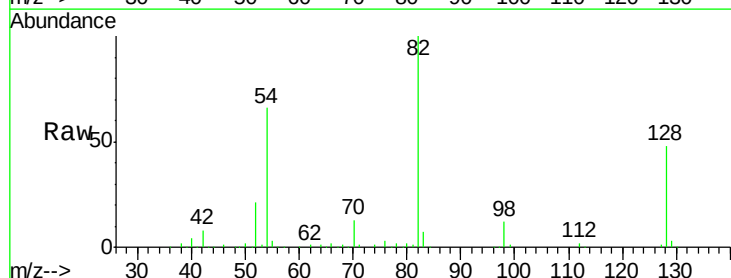
Tgt Ion: 82 Resp: 326390

Ion Ratio Lower Upper

82 100

128 48.2 34.0 51.0

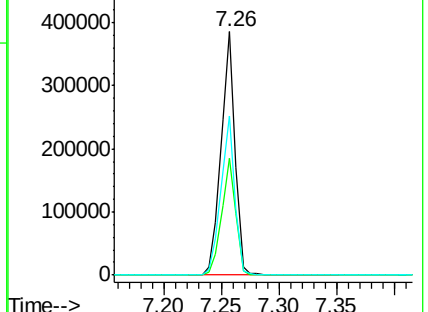
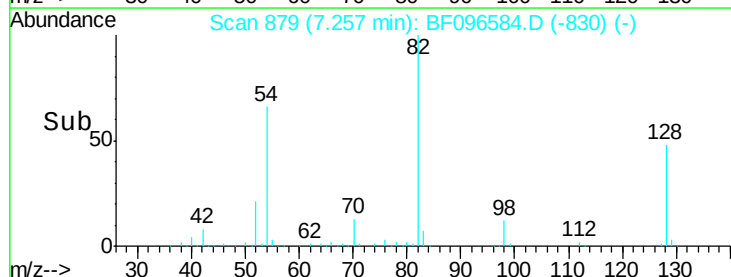
54 65.5 42.2 63.2#

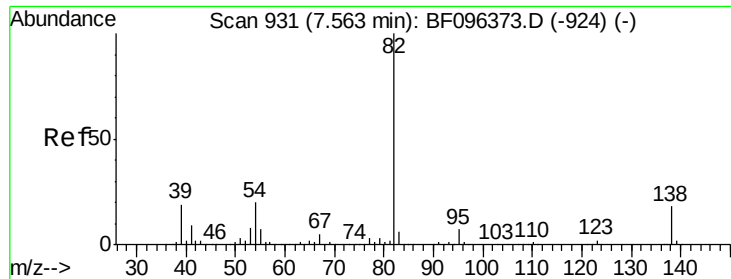


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

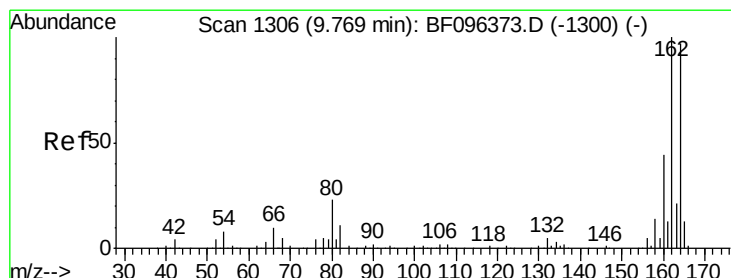
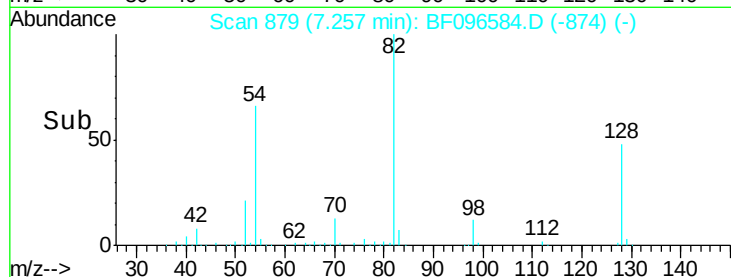
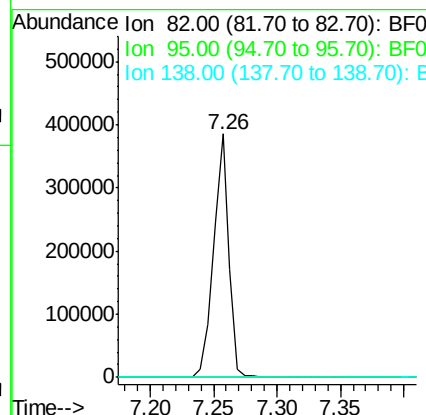
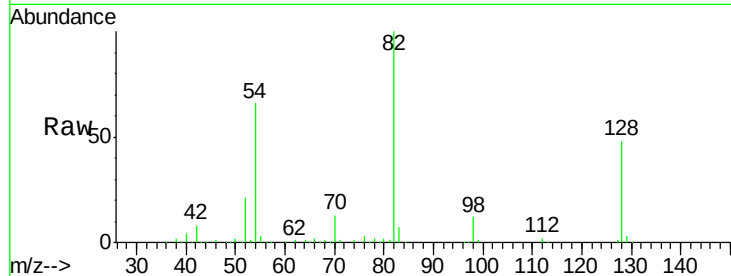




#25
Isophorone
Concen: 27.08 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.27 min
Lab File: BF096584.D
Acq: 8 Jul 2017 2:56

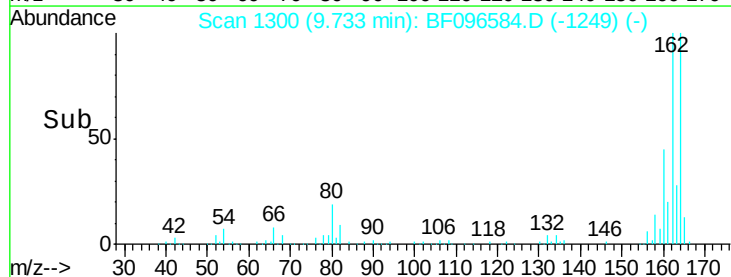
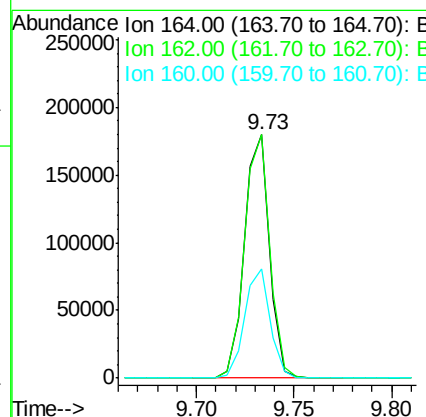
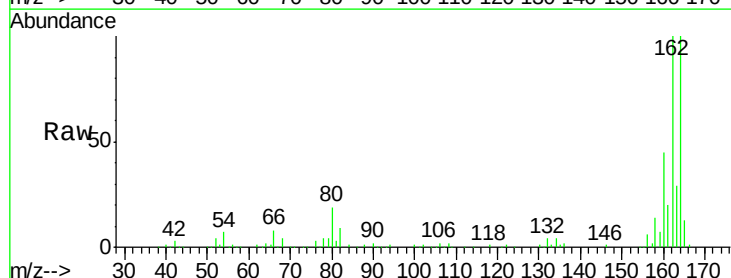
Instrument :
BNA_F
ClientSampleId :

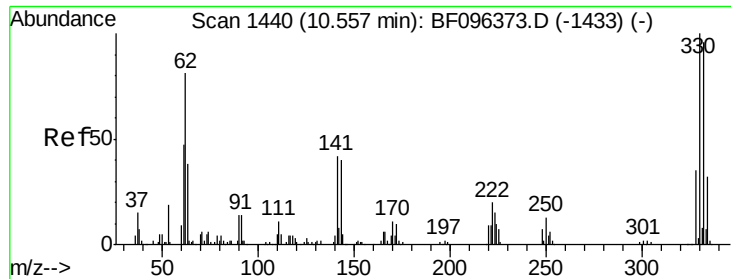
Tot Ion: 82 Resp: 323590
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF096584.D
Acq: 8 Jul 2017 2:56

Tgt Ion: 164 Resp: 159001
Ion Ratio Lower Upper
164 100
162 100.1 82.6 123.8
160 45.0 36.2 54.2

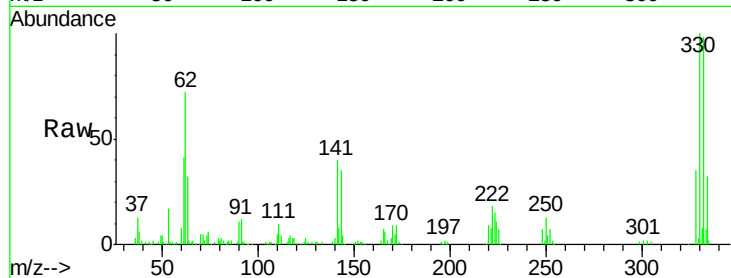




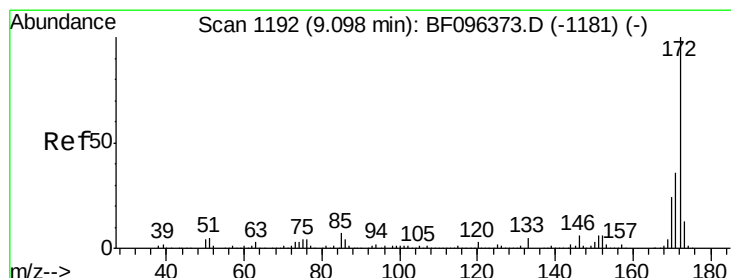
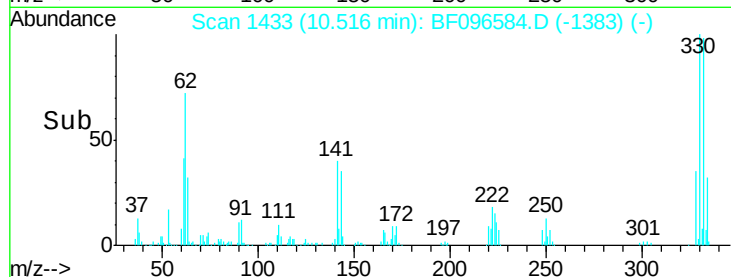
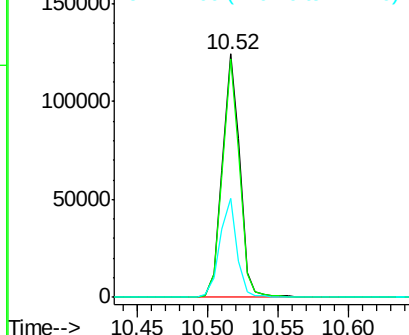
#41
 2,4,6-Tribromophenol
 Concen: 86.30 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF096584.D
 Acq: 8 Jul 2017 2:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	39.6	31.4	47.2

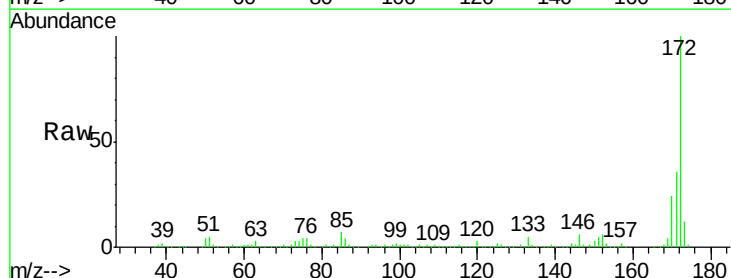


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

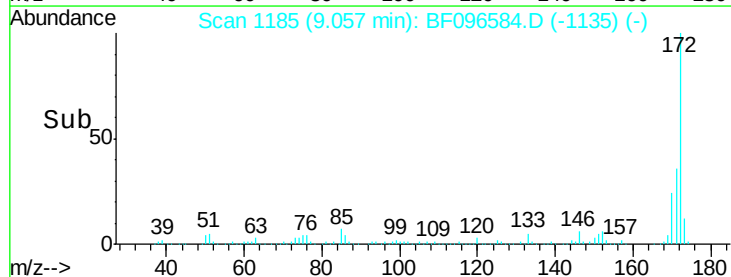
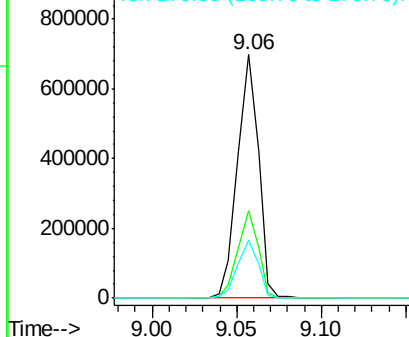


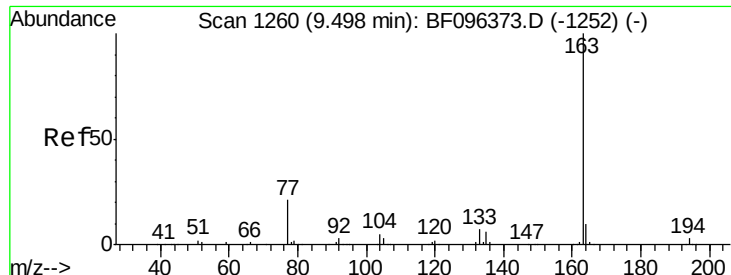
#44
 2-Fluorobiphenyl
 Concen: 65.22 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF096584.D
 Acq: 8 Jul 2017 2:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.0	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

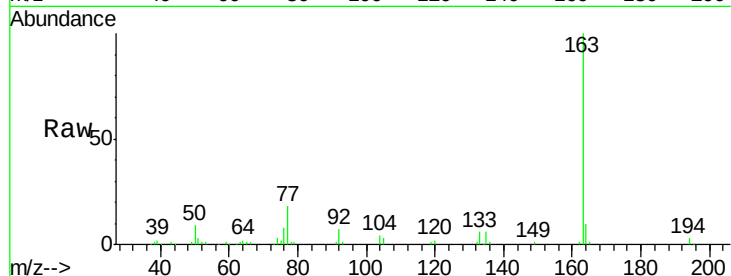




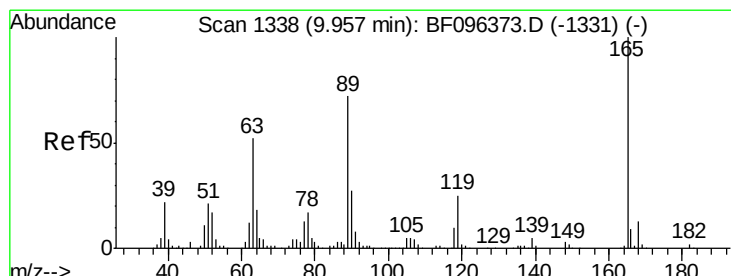
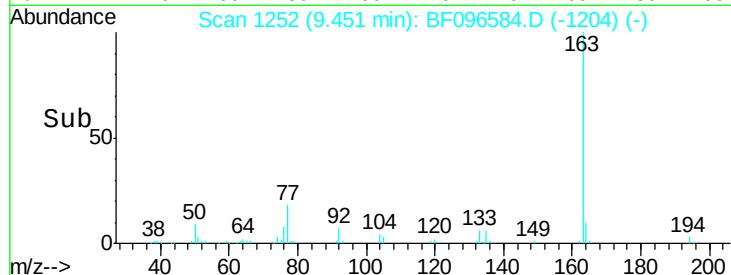
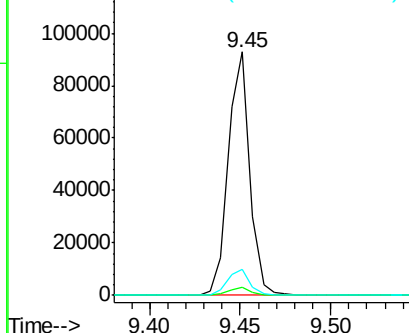
#49
Dimethylphthalate
Concen: 6.47 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF096584.D
Acq: 8 Jul 2017 2:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 76776
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.5 8.4 12.6

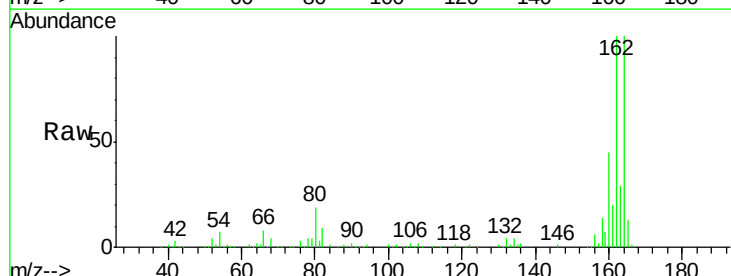


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

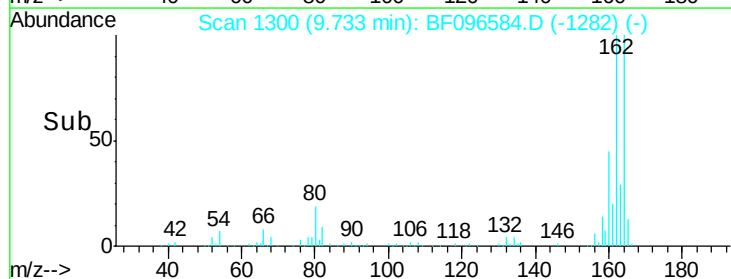
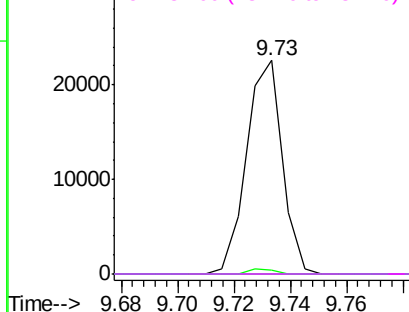


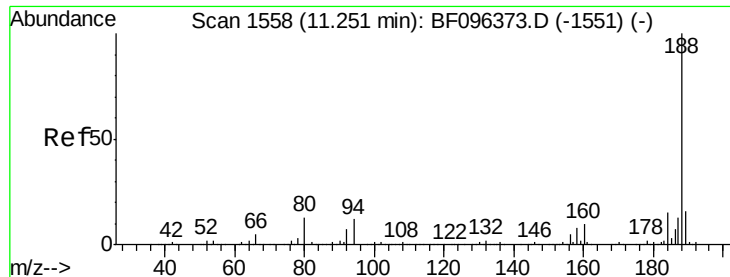
#56
2,4-Dinitrotoluene
Concen: 5.97 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.19 min
Lab File: BF096584.D
Acq: 8 Jul 2017 2:56

Tgt Ion:165 Resp: 19828
Ion Ratio Lower Upper
165 100
63 1.7 25.4 38.0#
89 0.0 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: 20.00 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.00 min

Lab File: BF096584.D

Acq: 8 Jul 2017 2:56

Instrument :

BNA_F

ClientSampleId :

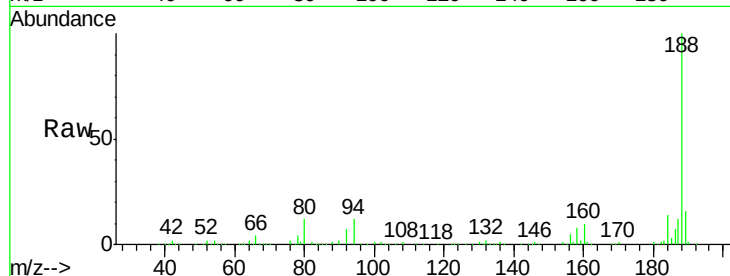
Tot Ion:188 Resp: 253543

Ion	Ratio	Lower	Upper
188	100		
94	12.0	9.4	14.2
80	12.2	10.2	15.2

188 100

94 12.0 9.4 14.2

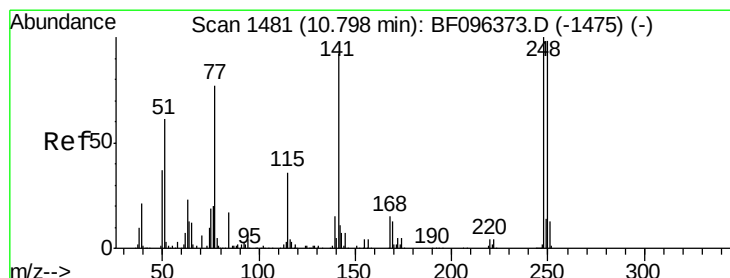
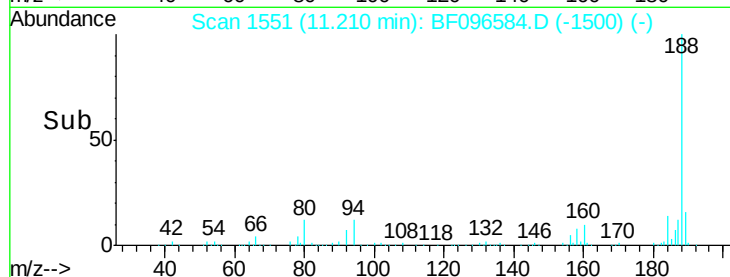
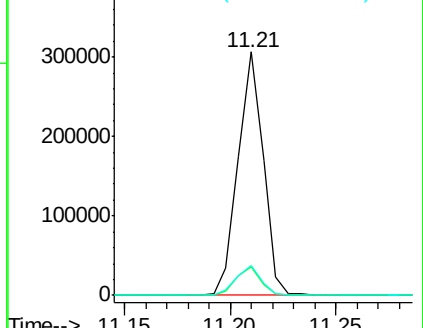
80 12.2 10.2 15.2



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: 2.75 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.25 min

Lab File: BF096584.D

Acq: 8 Jul 2017 2:56

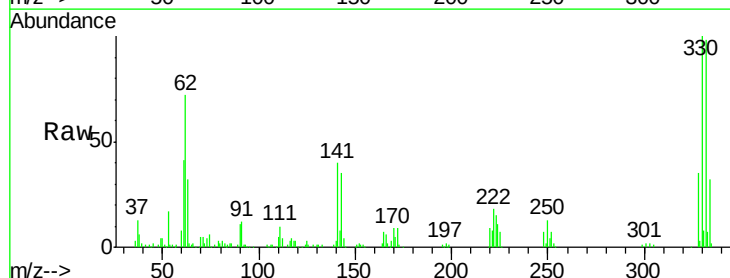
Tgt Ion:248 Resp: 6786

Ion	Ratio	Lower	Upper
248	100		
250	189.5	76.8	115.2#
141	589.0	68.6	103.0#

248 100

250 189.5 76.8 115.2#

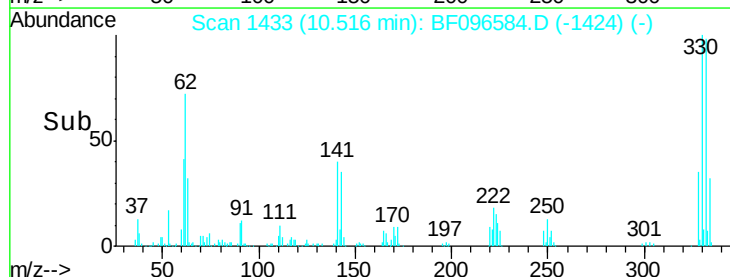
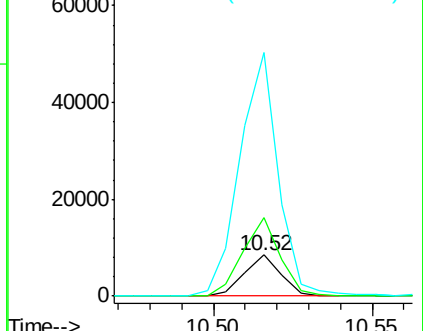
141 589.0 68.6 103.0#

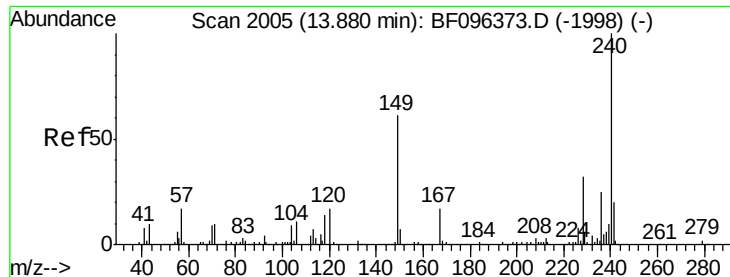


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF096584.D

Acq: 8 Jul 2017 2:56

Instrument :

BNA_F

ClientSampleId :

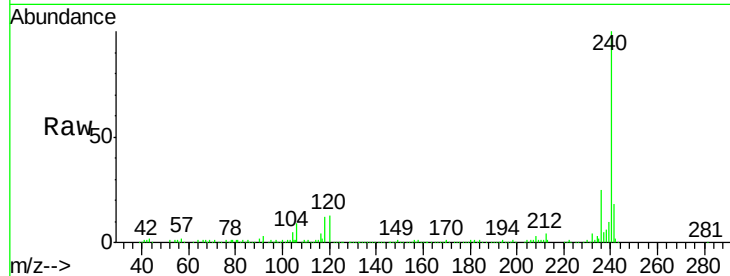
Tot Ion:240 Resp: 192679

Ion Ratio Lower Upper

240 100

120 13.4 5.8 8.8#

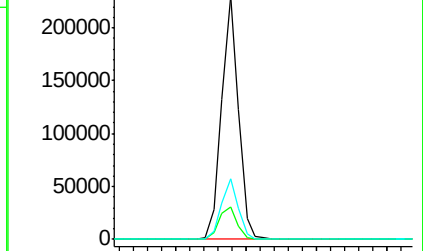
236 25.0 20.5 30.7



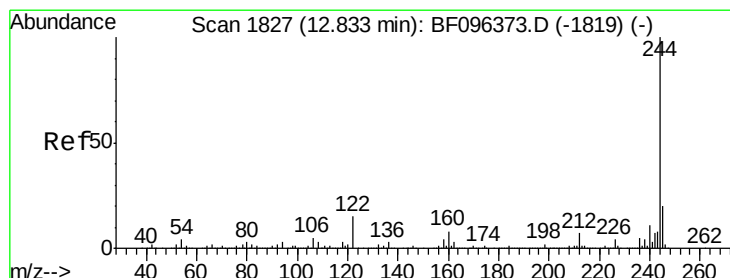
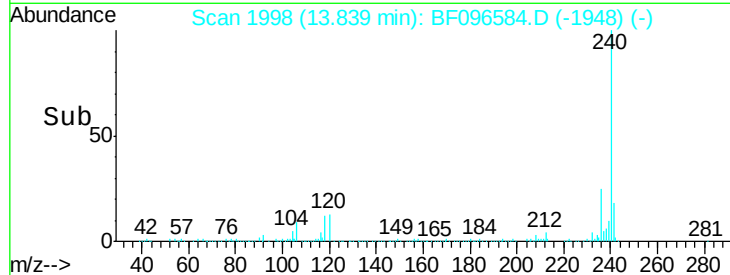
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 46.50 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF096584.D

Acq: 8 Jul 2017 2:56

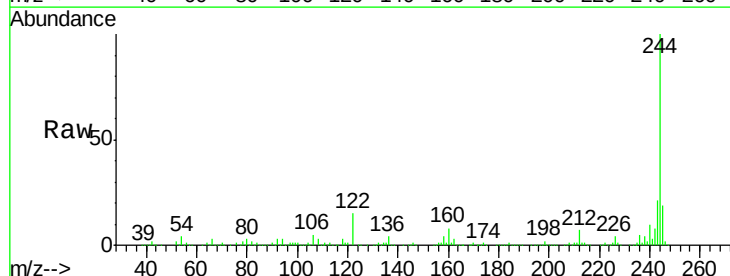
Tgt Ion:244 Resp: 419301

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

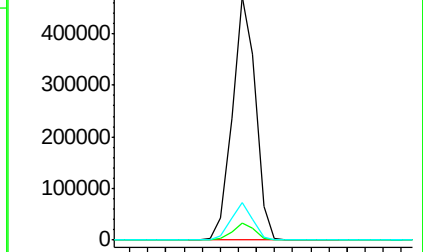
122 15.4 10.3 15.5



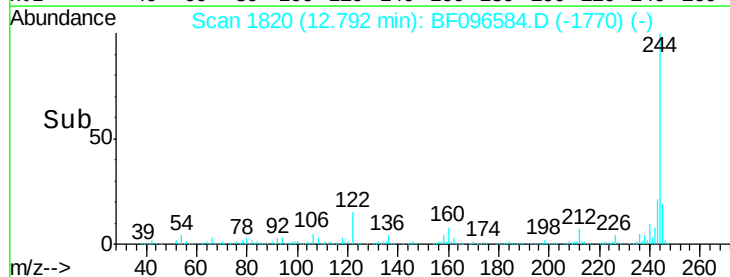
Abundance Ion 244.00 (243.70 to 244.70): E

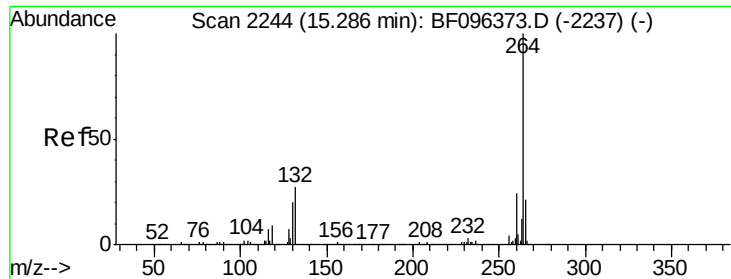
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.00 min
Lab File: BF096584.D
Acq: 8 Jul 2017 2:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	21.0	17.2	25.8

