

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096505.D
 Acq On : 6 Jul 2017 1:57
 Operator : SJ/MA
 Sample : I3976-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

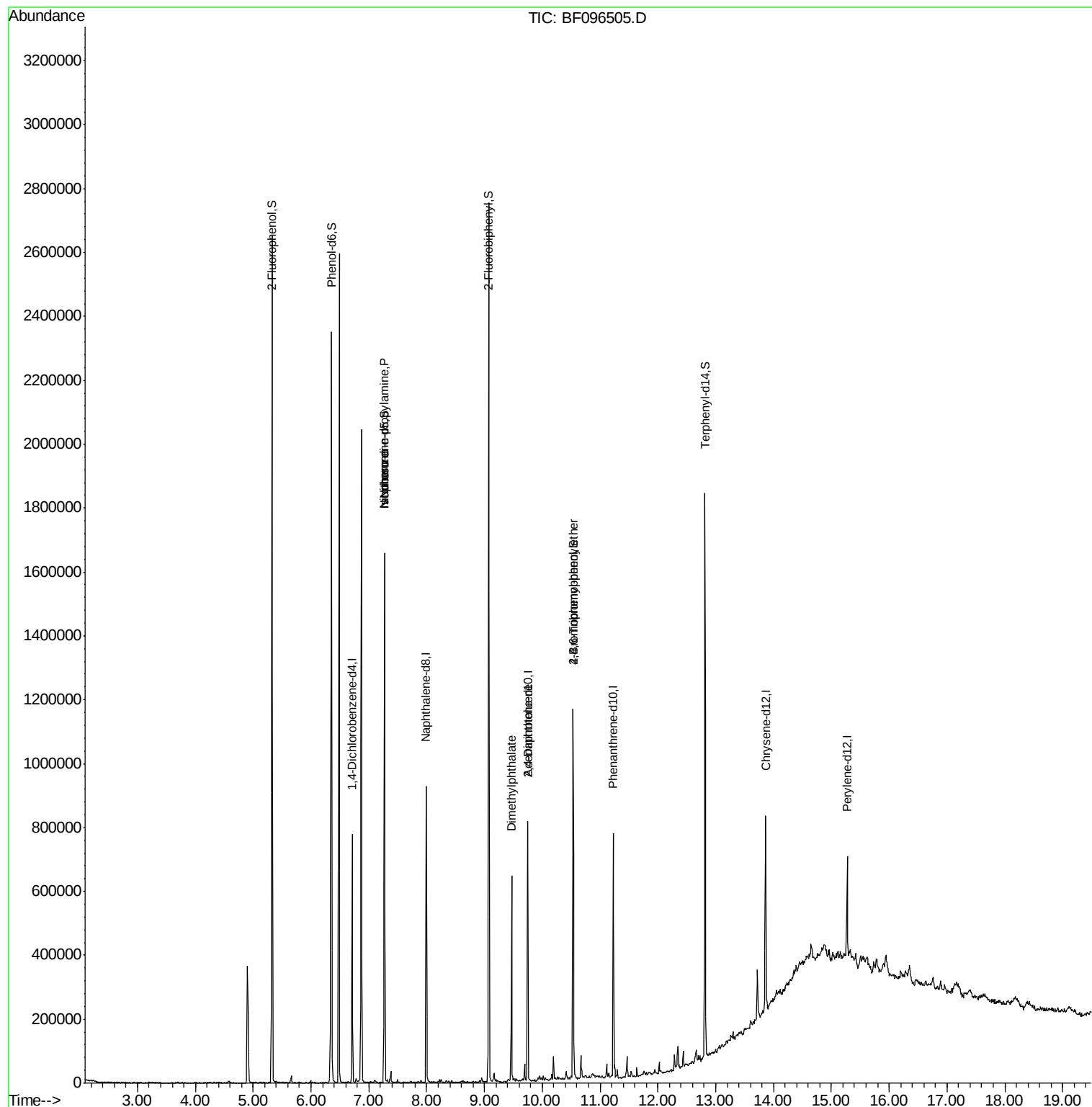
Quant Time: Jul 06 04:42:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

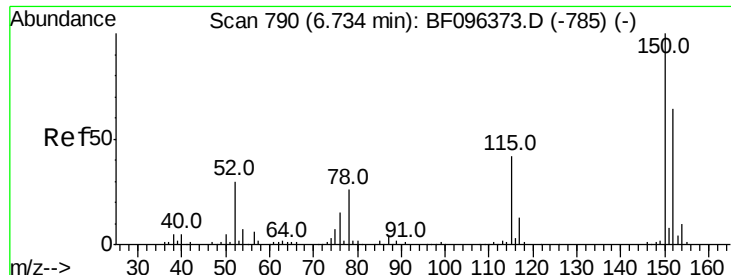
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	113010	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	438283	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	171727	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	253924	20.00	ng	0.00
75) Chrysene-d12	13.86	240	208555	20.00	ng	0.00
86) Perylene-d12	15.27	264	135923	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	724027	94.56	ng	0.00
7) Phenol-d6	6.36	99	882440	93.75	ng	0.00
23) Nitrobenzene-d5	7.27	82	480277	65.85	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	117498	87.59	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	808944	80.54	ng	0.00
78) Terphenyl-d14	12.82	244	528228	54.12	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	63271	11.28	ng	# 85
25) Isophorone	7.27	82	475369	33.61	ng	# 67
49) Dimethylphthalate	9.47	163	249783	19.48	ng	98
56) 2,4-Dinitrotoluene	9.75	165	20895	5.82	ng	# 32
66) 4-Bromophenyl-phenylether	10.53	248	7566	3.06	ng	# 1

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

Instrument :
BNA_F
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Quant Time: Jul 06 04:42:30 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
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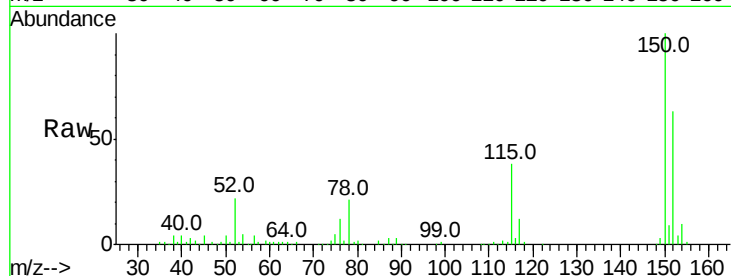


#1

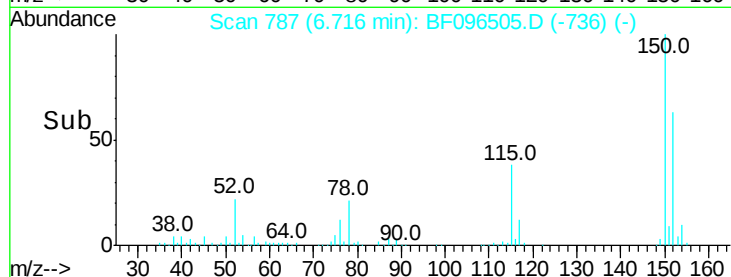
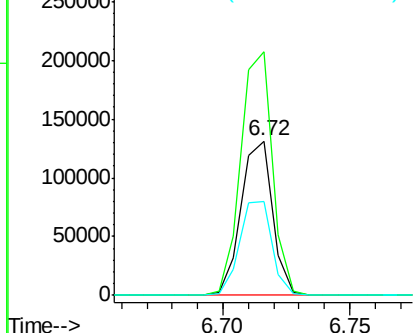
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF096505.D
Acq: 6 Jul 2017 1:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 113010
Ion Ratio Lower Upper
152 100
150 157.7 126.2 189.2
115 60.4 52.2 78.2



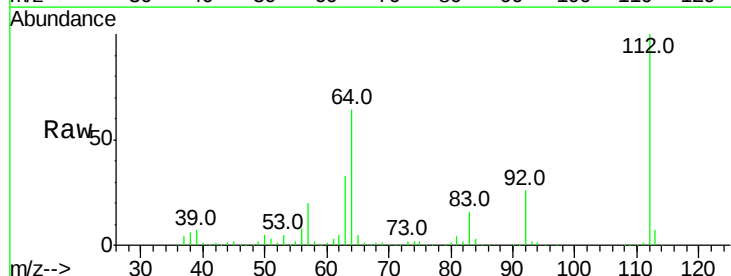
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



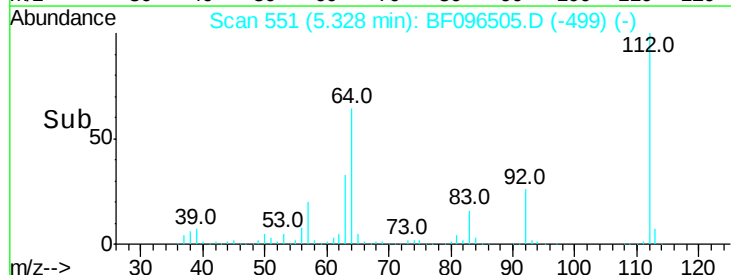
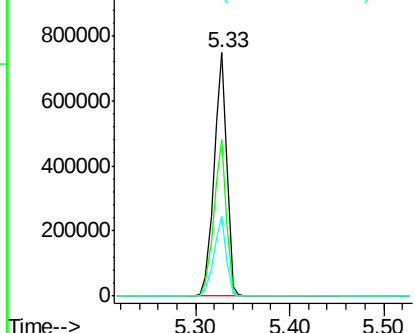
#5

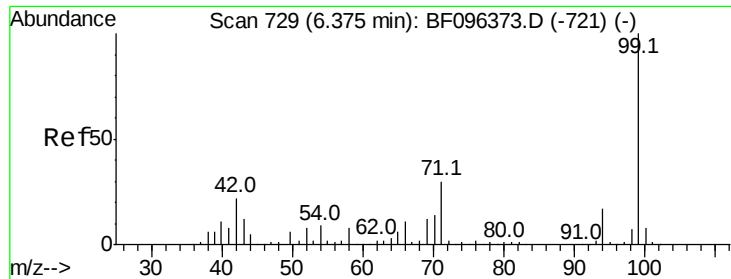
2-Fluorophenol
Concen: 94.56 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF096505.D
Acq: 6 Jul 2017 1:57

Tgt Ion:112 Resp: 724027
Ion Ratio Lower Upper
112 100
64 64.3 46.0 69.0
63 32.6 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: 93.75 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF096505.D

Acq: 6 Jul 2017 1:57

Instrument :

BNA_F

ClientSampleId :

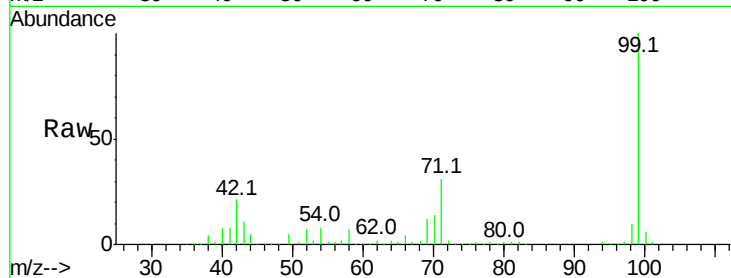
Tot Ion: 99 Resp: 882440

Ion Ratio Lower Upper

99 100

42 21.1 13.5 20.3#

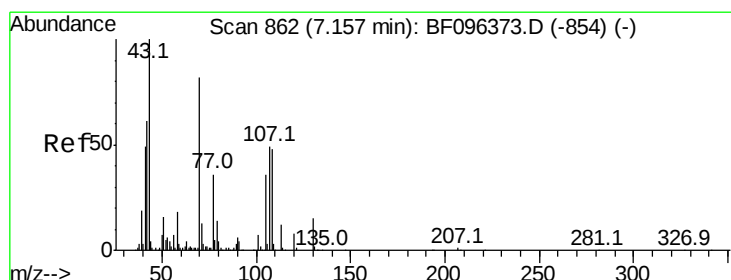
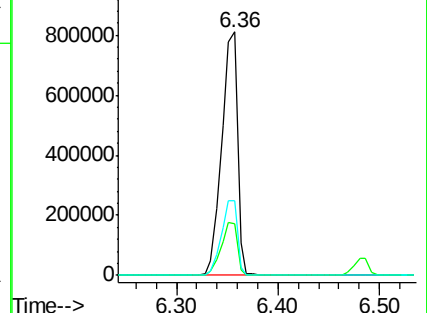
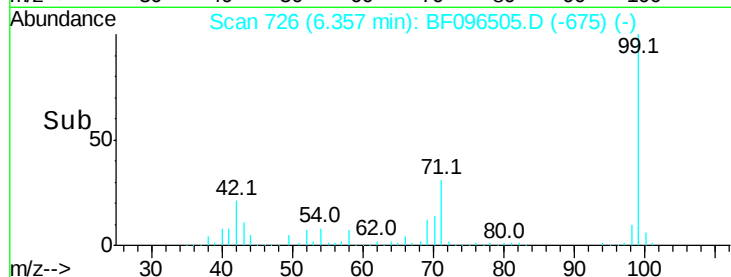
71 30.8 24.5 36.7



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: 11.28 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.14 min

Lab File: BF096505.D

Acq: 6 Jul 2017 1:57

Tgt Ion: 70 Resp: 63271

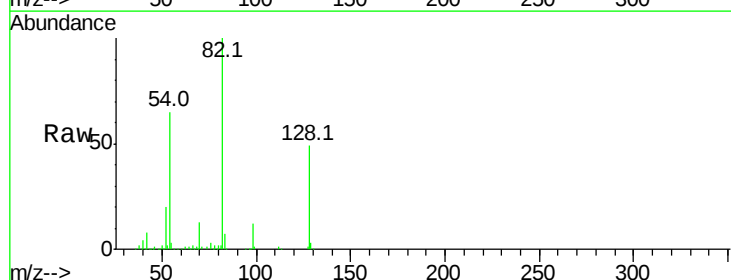
Ion Ratio Lower Upper

70 100

42 62.9 47.2 70.8

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

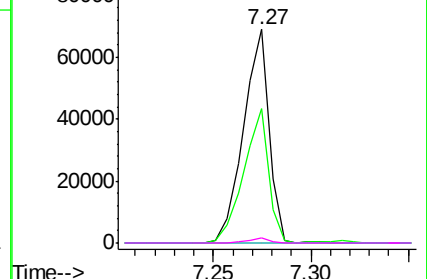
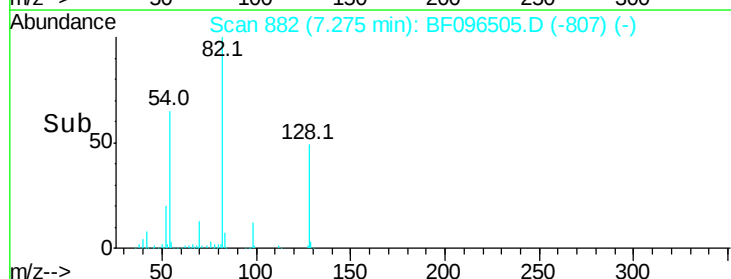


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF096505.D

Acq: 6 Jul 2017 1:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 438283

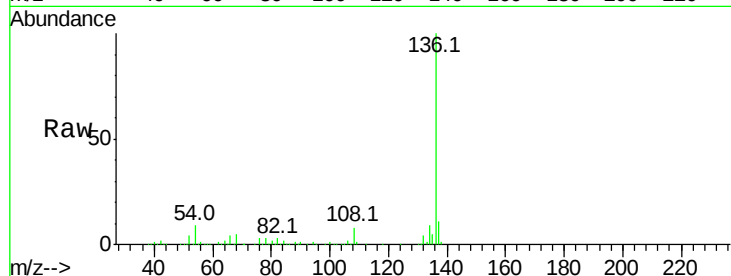
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 9.0 4.9 7.3#

68 4.8 4.1 6.1

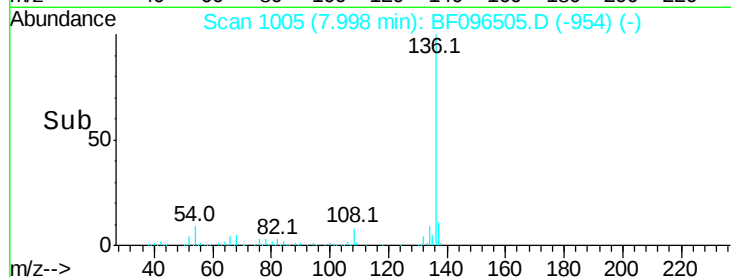


Abundance Ion 136.00 (135.70 to 136.70): E

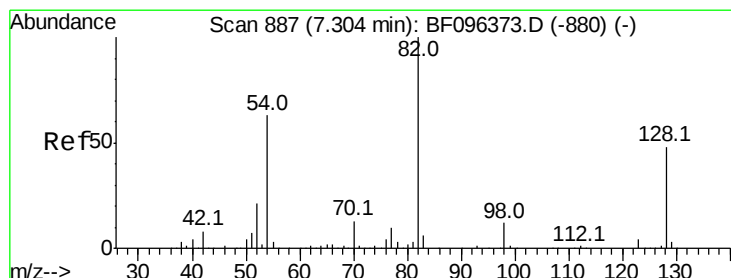
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 65.85 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF096505.D

Acq: 6 Jul 2017 1:57

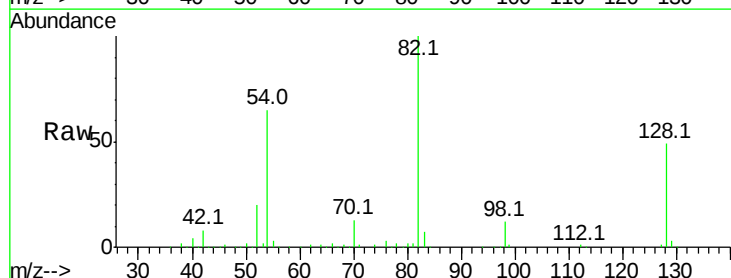
Tgt Ion: 82 Resp: 480277

Ion Ratio Lower Upper

82 100

128 48.9 34.0 51.0

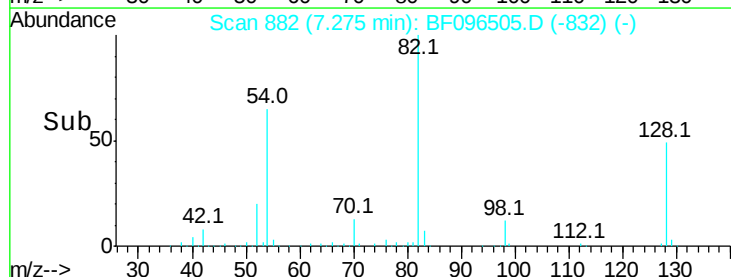
54 65.4 42.2 63.2#



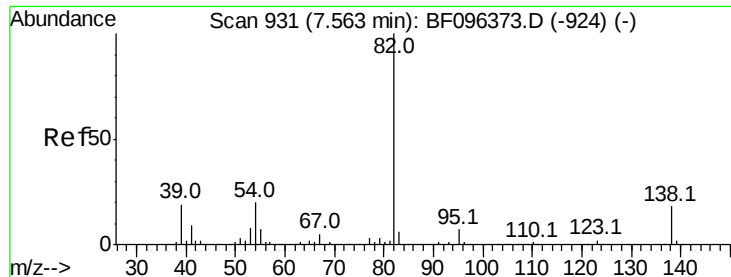
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#25

Isophorone

Concen: 33.61 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF096505.D

Acq: 6 Jul 2017 1:57

Instrument :

BNA_F

ClientSampleId :

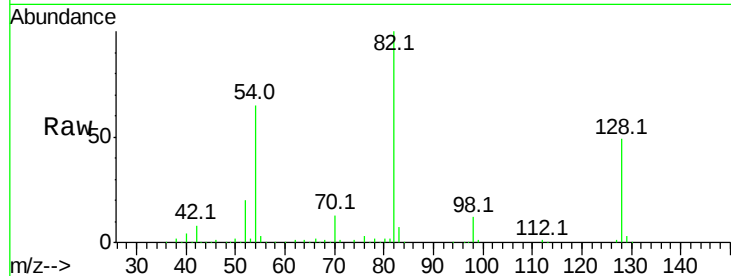
Tot Ion: 82 Resp: 475369

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

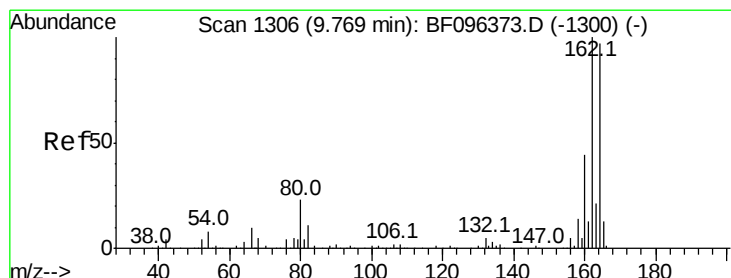
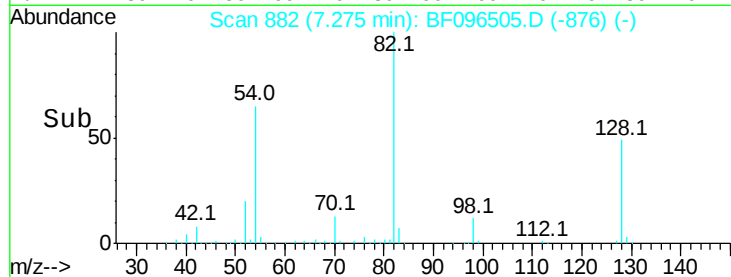
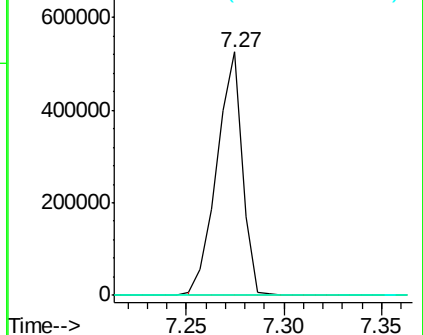
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF096505.D

Acq: 6 Jul 2017 1:57

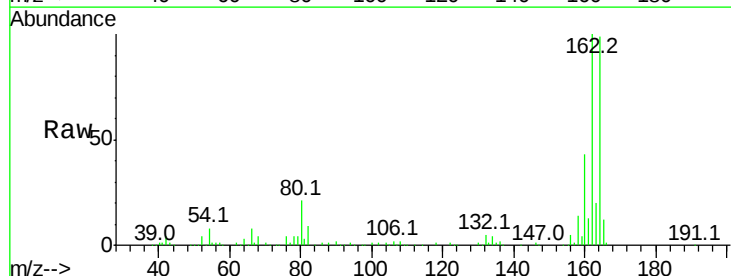
Tgt Ion:164 Resp: 171727

Ion Ratio Lower Upper

164 100

162 100.7 82.6 123.8

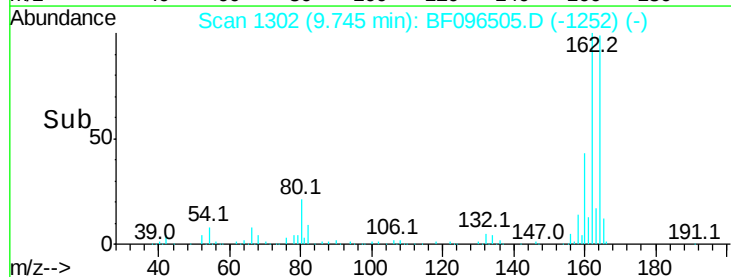
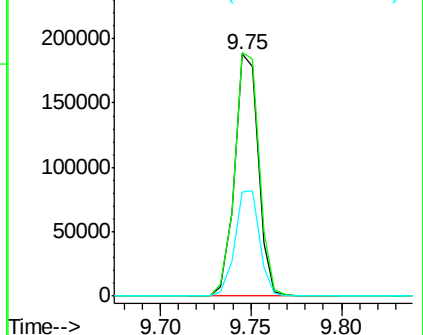
160 43.2 36.2 54.2



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

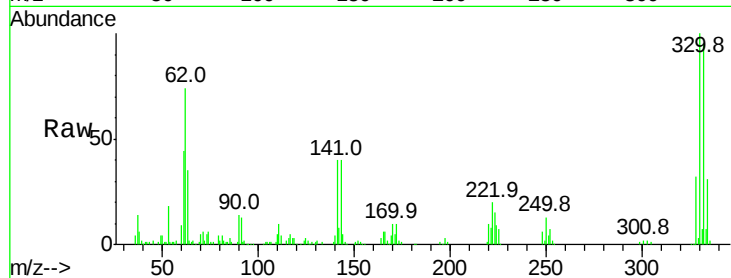




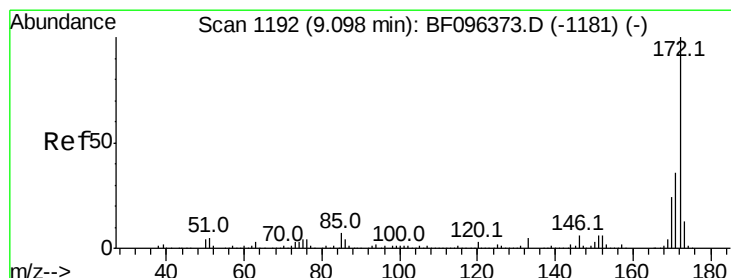
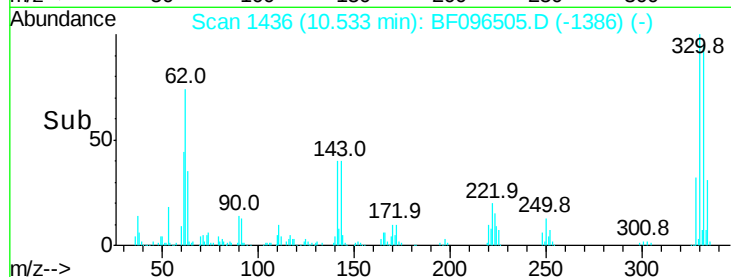
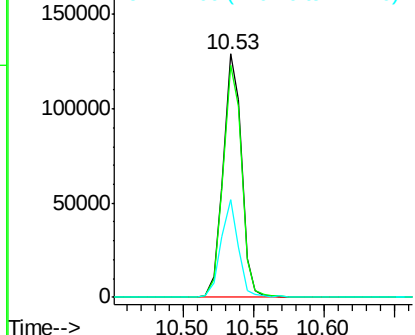
#41
 2,4,6-Tribromophenol
 Concen: 87.59 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF096505.D
 Acq: 6 Jul 2017 1:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 117498
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 38.0 31.4 47.2

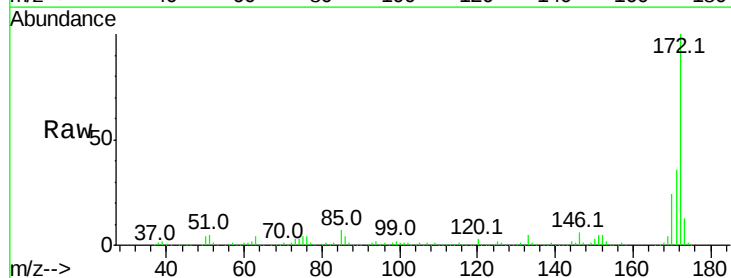


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

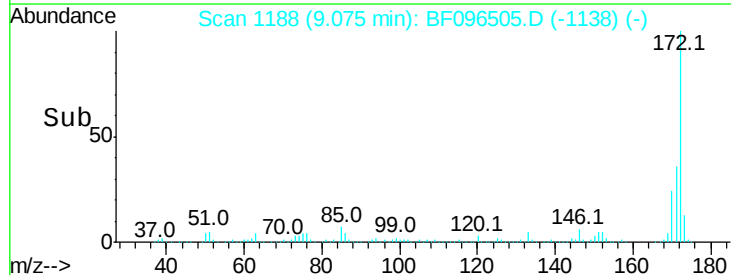
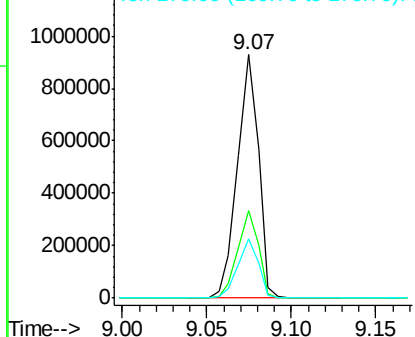


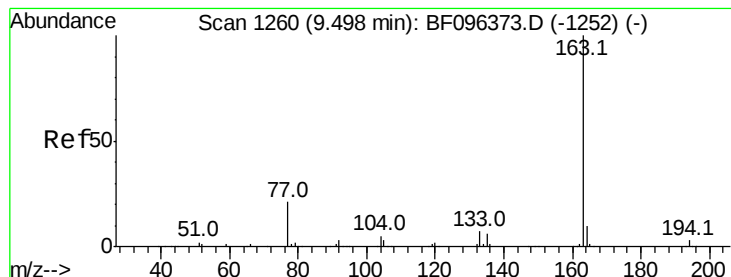
#44
 2-Fluorobiphenyl
 Concen: 80.54 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF096505.D
 Acq: 6 Jul 2017 1:57

Tgt Ion:172 Resp: 808944
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.4 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: 19.48 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF096505.D

Acq: 6 Jul 2017 1:57

Instrument :

BNA_F

ClientSampleId :

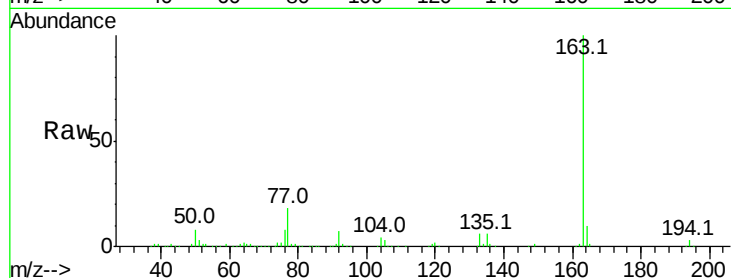
Tot Ion:163 Resp: 249783

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

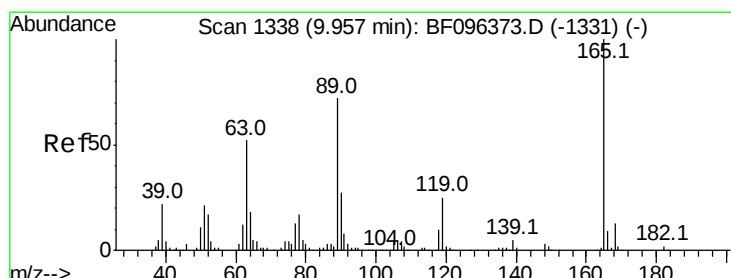
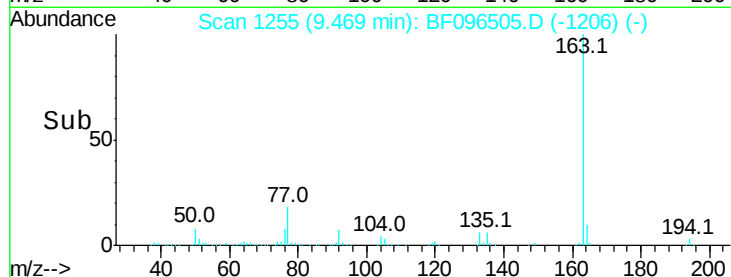
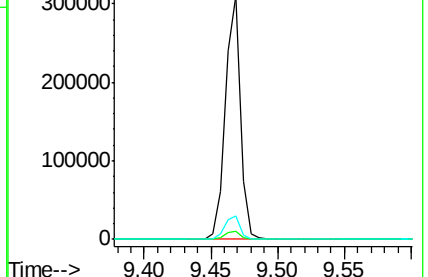
164 9.6 8.4 12.6



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



#56

2,4-Dinitrotoluene

Concen: 5.82 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.19 min

Lab File: BF096505.D

Acq: 6 Jul 2017 1:57

Tgt Ion:165 Resp: 20895

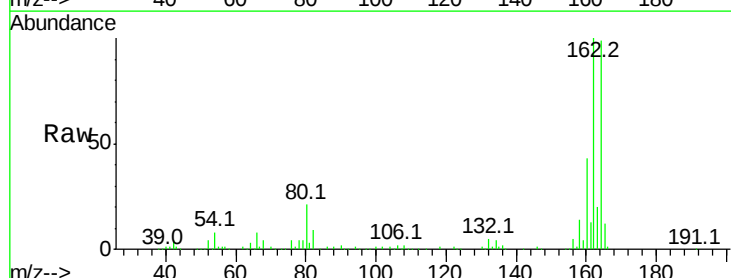
Ion Ratio Lower Upper

165 100

63 1.6 25.4 38.0#

89 0.0 46.4 69.6#

182 0.0 1.8 2.6#

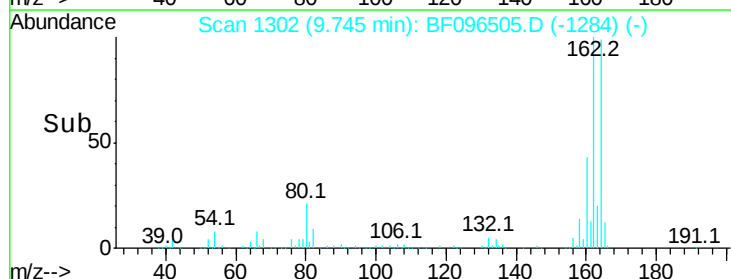
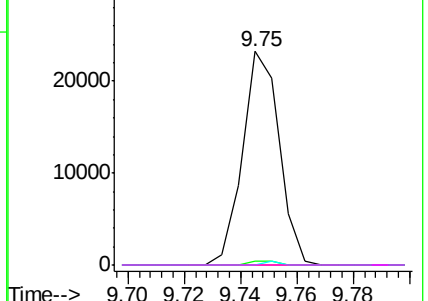


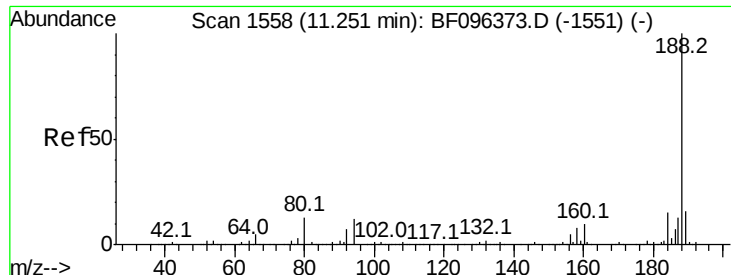
Abundance Ion 165.00 (164.70 to 165.70): E

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

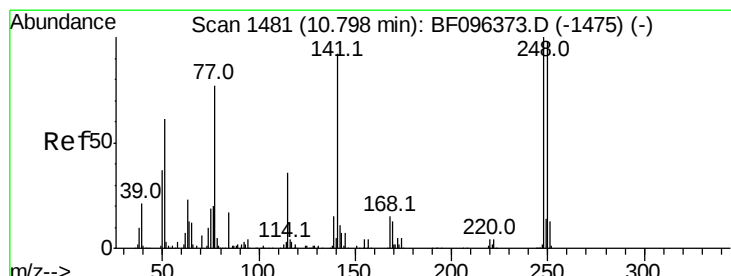
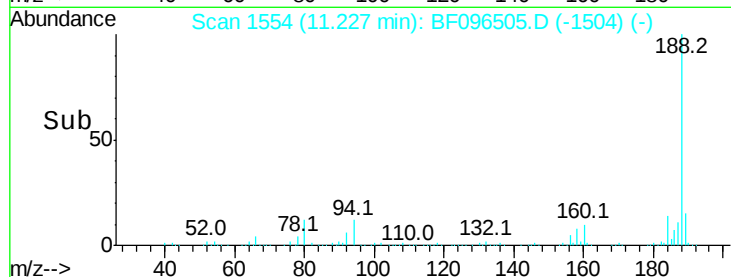
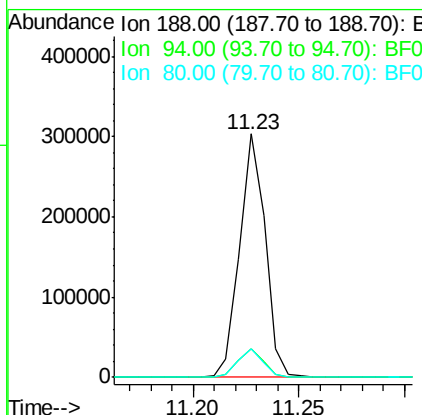
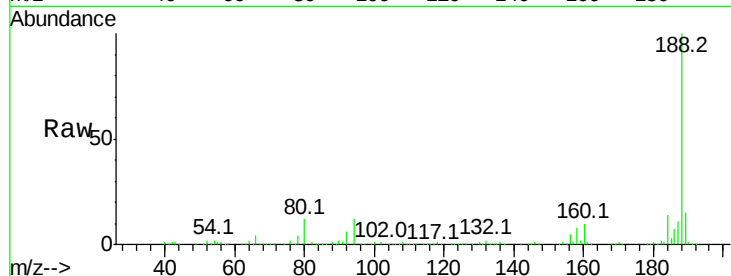




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096505.D
Acq: 6 Jul 2017 1:57

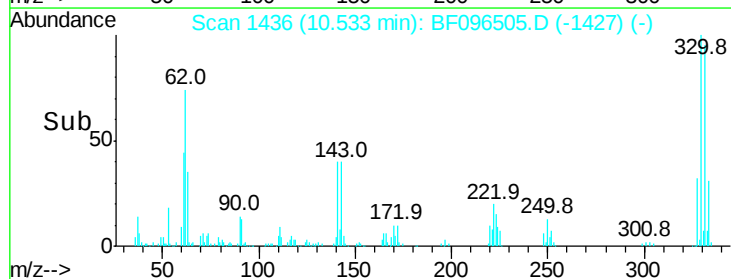
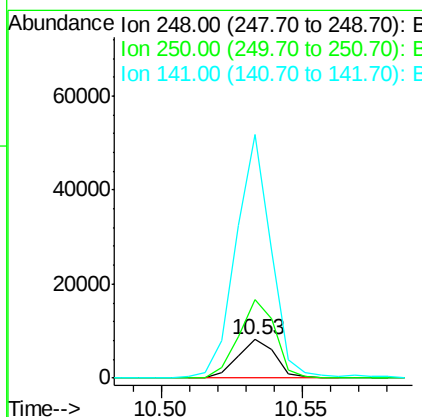
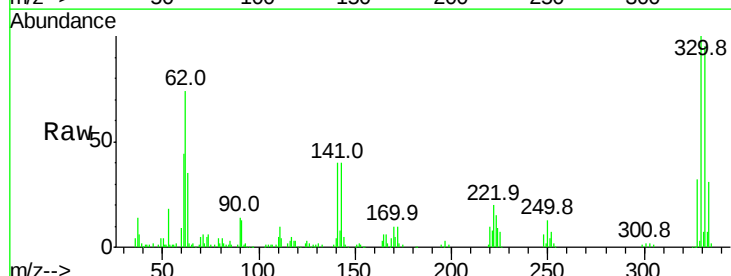
Instrument :
BNA_F
ClientSampleId :

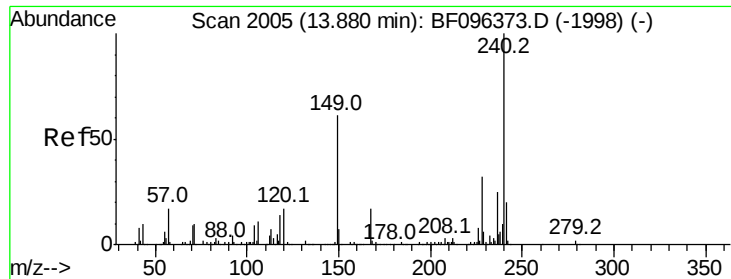
Tot Ion:188 Resp: 253924
Ion Ratio Lower Upper
188 100
94 11.9 9.4 14.2
80 11.8 10.2 15.2



#66
4-Bromophenyl-phenylether
Concen: 3.06 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF096505.D
Acq: 6 Jul 2017 1:57

Tgt Ion:248 Resp: 7566
Ion Ratio Lower Upper
248 100
250 202.6 76.8 115.2#
141 629.8 68.6 103.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF096505.D

Acq: 6 Jul 2017 1:57

Instrument :

BNA_F

ClientSampleId :

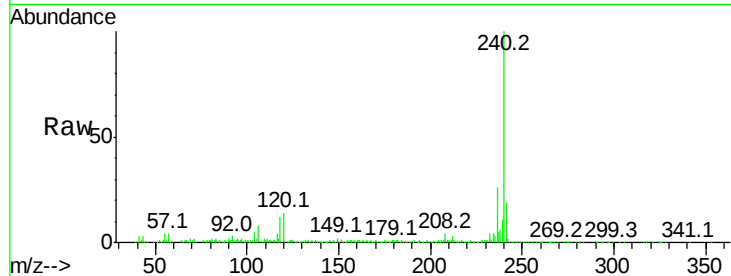
Tot Ion:240 Resp: 208555

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

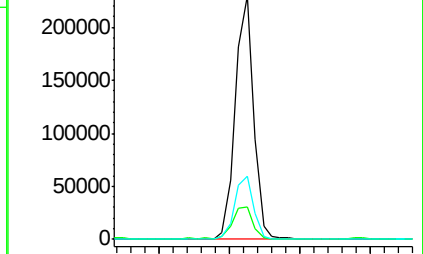
236 26.2 20.5 30.7



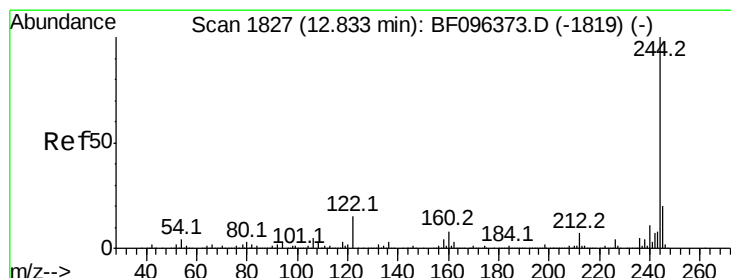
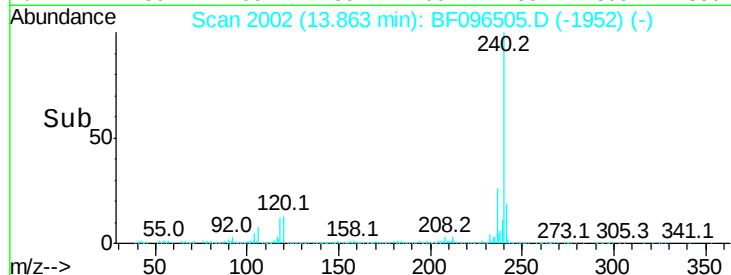
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 54.12 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF096505.D

Acq: 6 Jul 2017 1:57

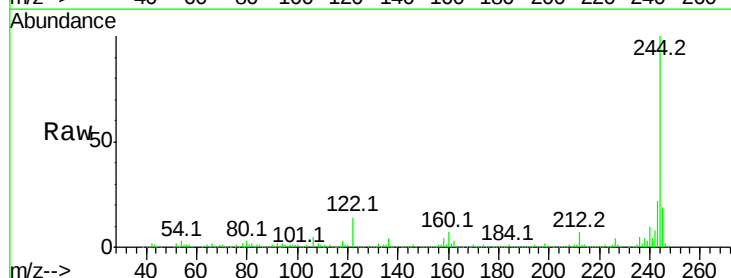
Tgt Ion:244 Resp: 528228

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

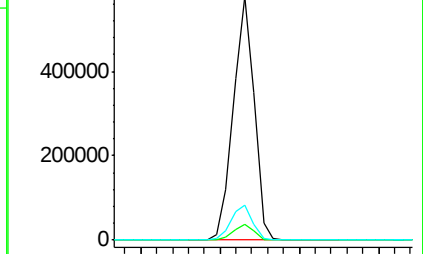
122 14.4 10.3 15.5



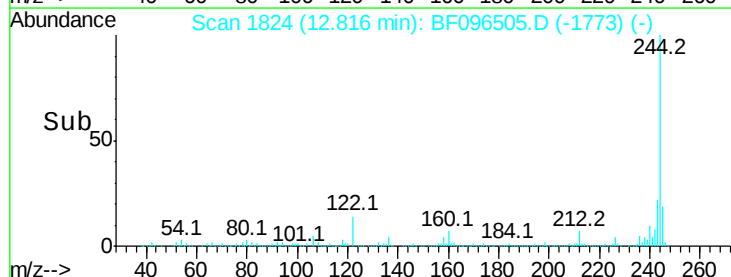
Abundance Ion 244.00 (243.70 to 244.70): E

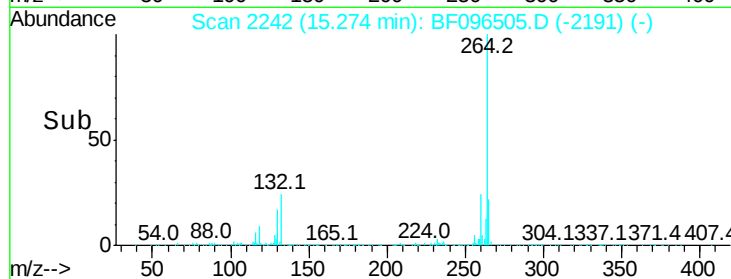
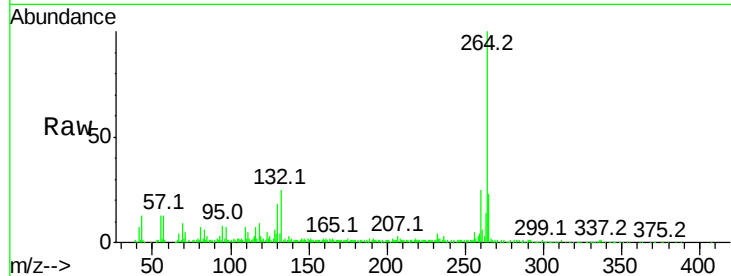
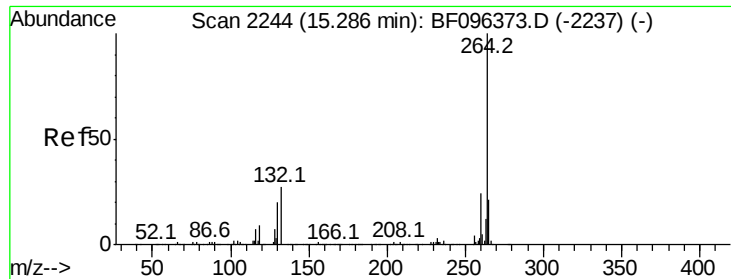
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF096505.D
Acq: 6 Jul 2017 1:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.5	17.2	25.8

