

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071117\
 Data File : BF096651.D
 Acq On : 11 Jul 2017 18:26
 Operator : SJ/JU
 Sample : I4113-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6

Quant Time: Jul 12 01:12:25 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

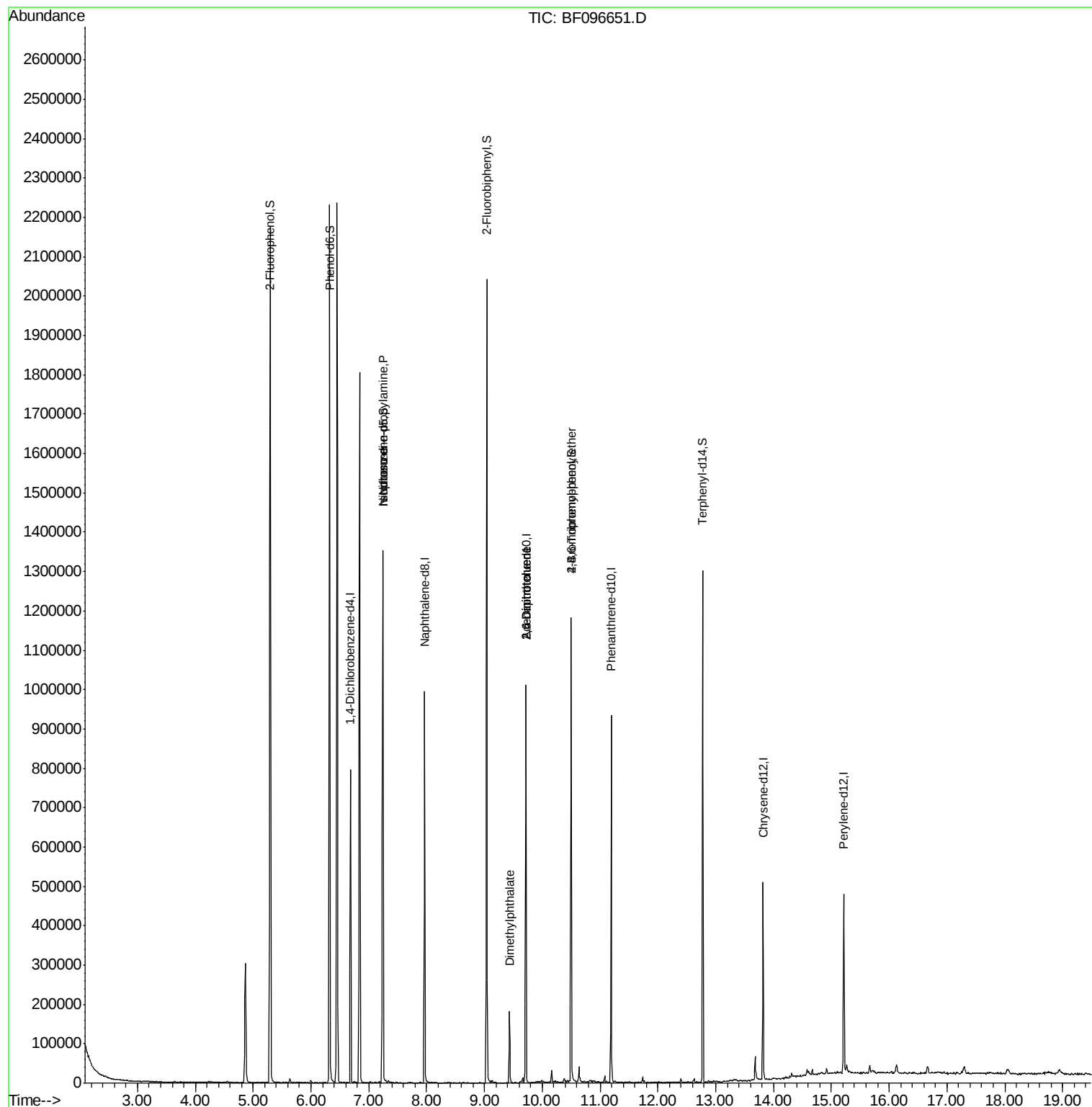
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	116037	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	455662	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	190913	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	303133	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	176434	20.00	ng	-0.02
86) Perylene-d12	15.22	264	186999	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	592233	75.33	ng	-0.02
7) Phenol-d6	6.32	99	714345	73.91	ng	-0.02
23) Nitrobenzene-d5	7.25	82	423454	55.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	123621	82.90	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	662778	59.36	ng	-0.02
78) Terphenyl-d14	12.77	244	363146	43.98	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	54908	9.536	ng	# 86
25) Isophorone	7.25	82	423447	28.801	ng	# 67
49) Dimethylphthalate	9.43	163	68107	4.779	ng	# 97
50) 2,6-Dinitrotoluene	9.72	165	24255	7.696	ng	# 34
56) 2,4-Dinitrotoluene	9.72	165	24255	6.077	ng	# 33
66) 4-Bromophenyl-phenylether	10.50	248	8124	2.753	ng	# 1

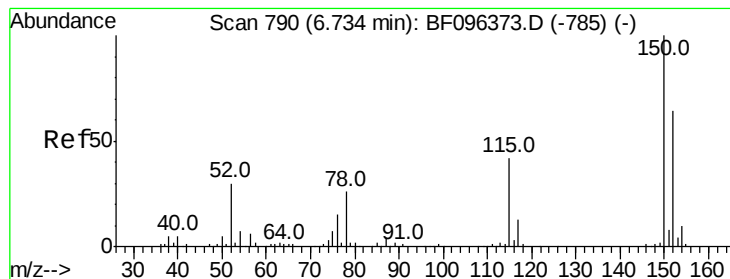
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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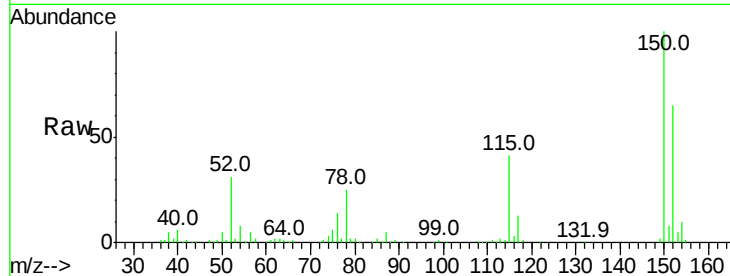


#1

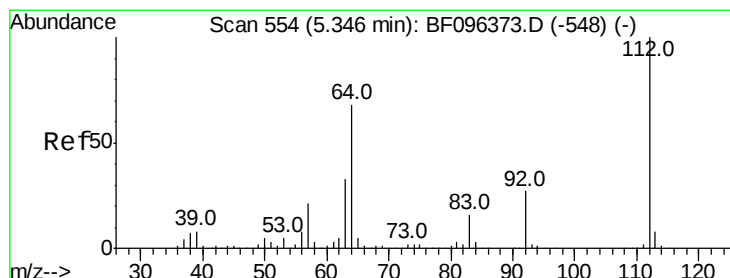
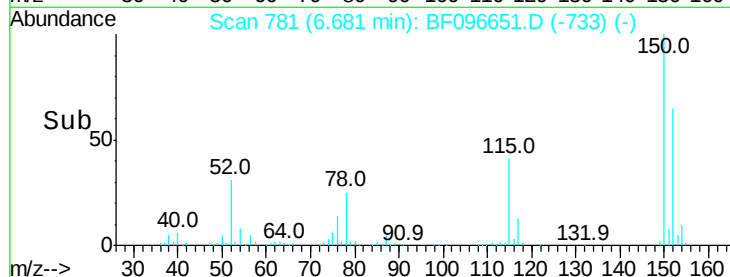
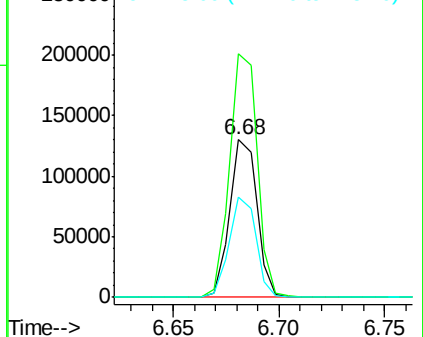
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF096651.D
Acq: 11 Jul 2017 18:26

Instrument :
BNA_F
ClientSampled :
SB-6

Tot Ion:152 Resp: 116037
Ion Ratio Lower Upper
152 100
150 154.5 126.2 189.2
115 63.3 52.2 78.2



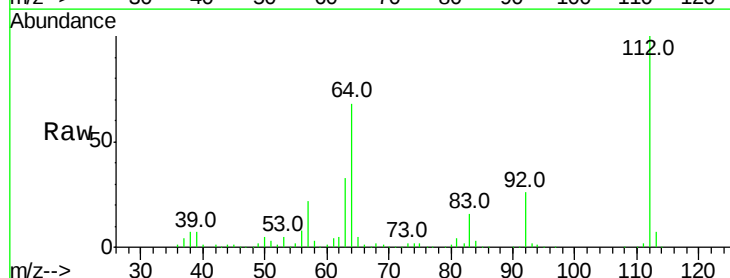
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



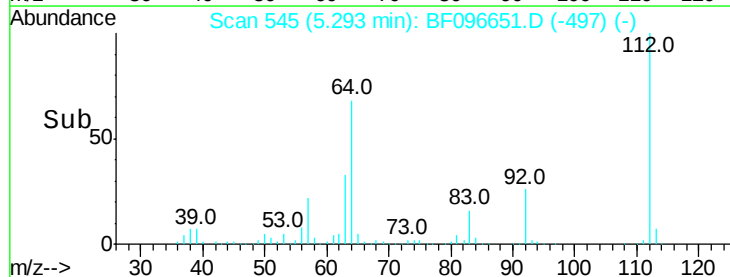
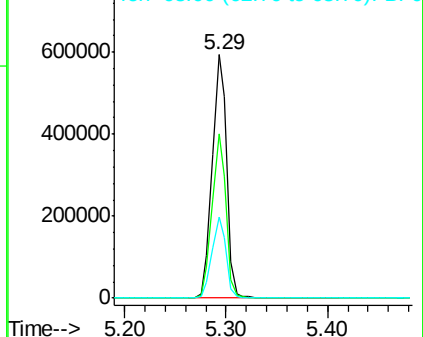
#5

2-Fluorophenol
Concen: 75.331 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF096651.D
Acq: 11 Jul 2017 18:26

Tgt Ion:112 Resp: 592233
Ion Ratio Lower Upper
112 100
64 67.7 46.0 69.0
63 33.3 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: 73.911 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF096651.D

Acq: 11 Jul 2017 18:26

Instrument :

BNA_F

ClientSampled :

SB-6

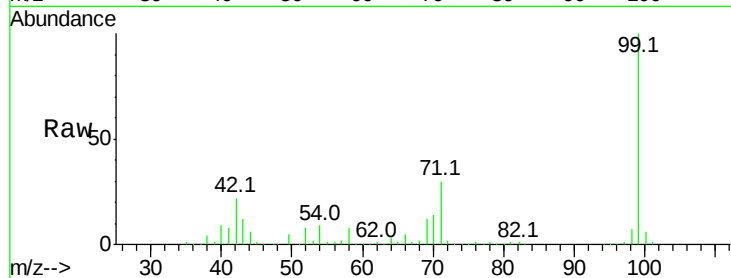
Tot Ion: 99 Resp: 714345

Ion Ratio Lower Upper

99 100

42 22.2 13.5 20.3#

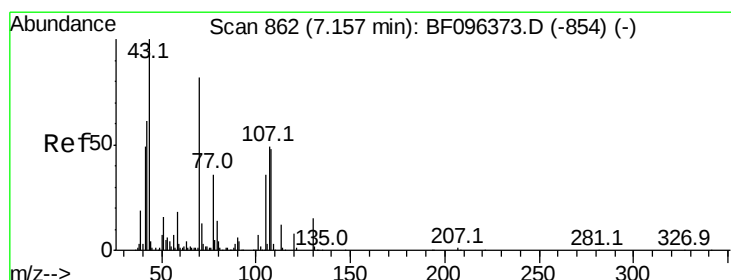
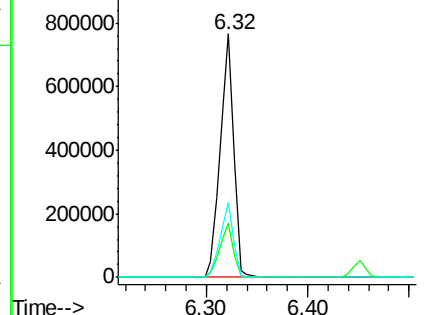
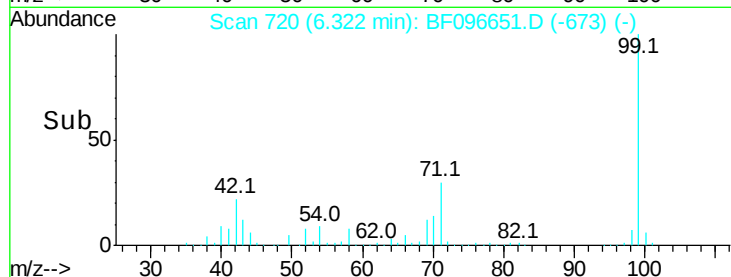
71 30.5 24.5 36.7



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: 9.536 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.12 min

Lab File: BF096651.D

Acq: 11 Jul 2017 18:26

Tgt Ion: 70 Resp: 54908

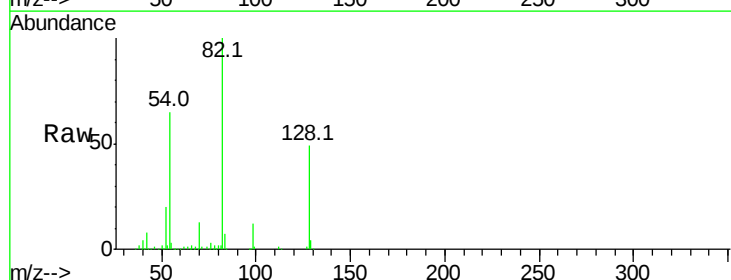
Ion Ratio Lower Upper

70 100

42 56.3 47.2 70.8

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

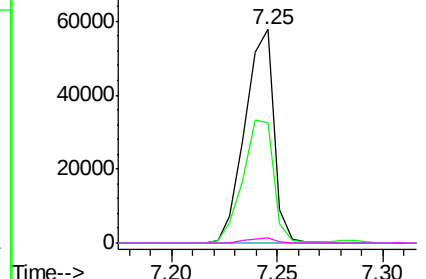
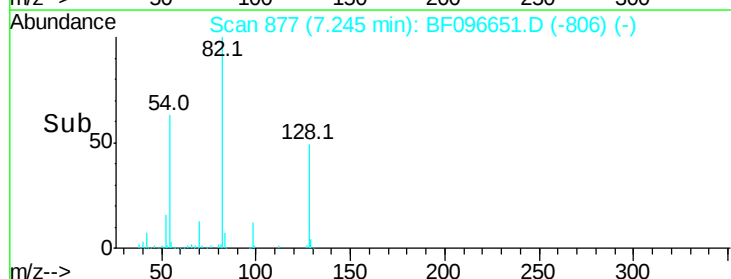


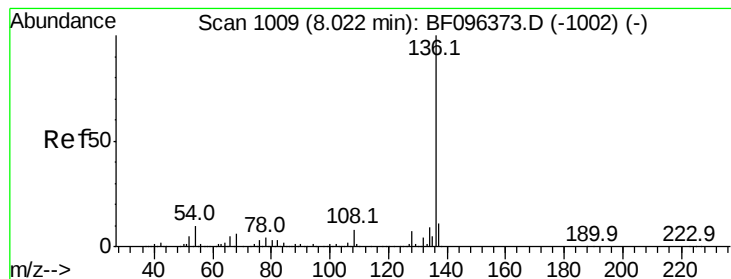
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 20.000 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.02 min

Lab File: BF096651.D

Acq: 11 Jul 2017 18:26

Instrument :

BNA_F

ClientSampleId :

SB-6

Tot Ion:136 Resp: 455662

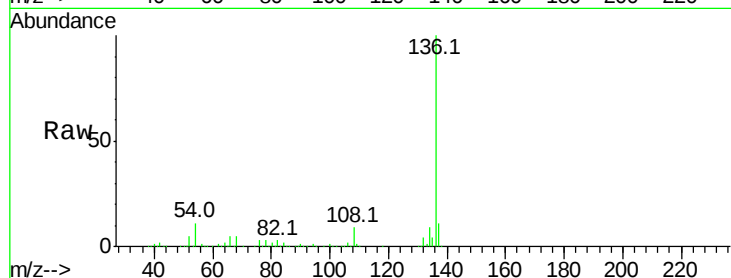
Ion Ratio Lower Upper

136 100

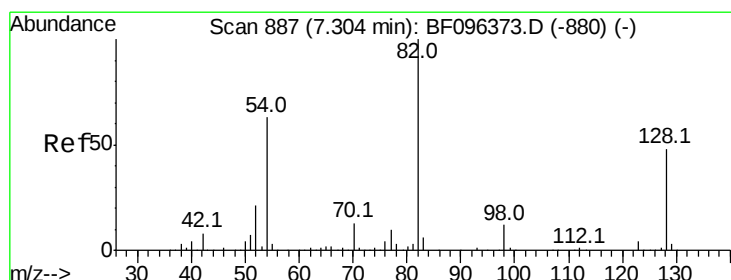
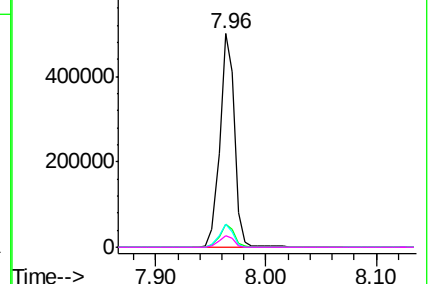
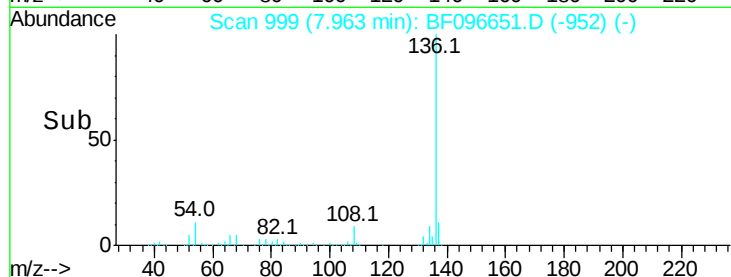
137 10.7 8.5 12.7

54 10.7 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: 55.843 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.02 min

Lab File: BF096651.D

Acq: 11 Jul 2017 18:26

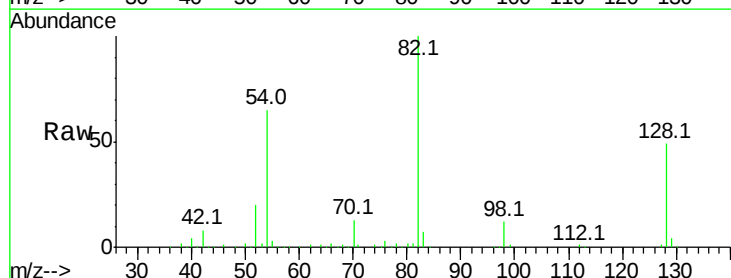
Tgt Ion: 82 Resp: 423454

Ion Ratio Lower Upper

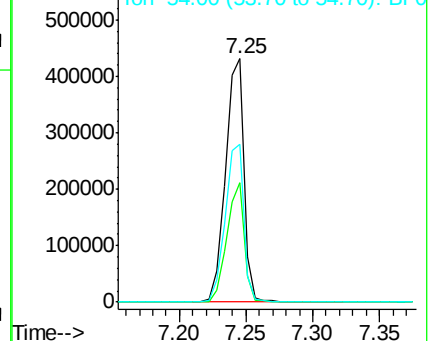
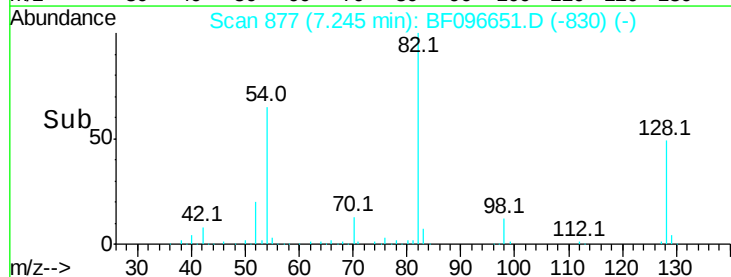
82 100

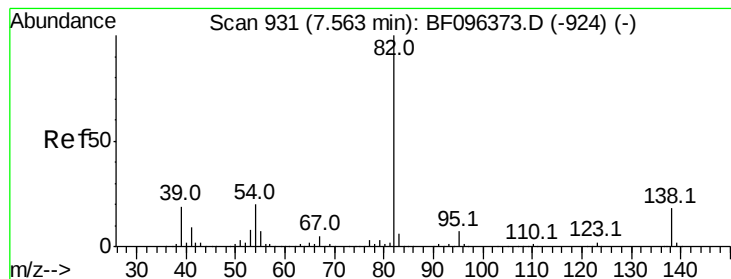
128 49.1 34.0 51.0

54 64.6 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: 28.801 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.28 min

Lab File: BF096651.D

Acq: 11 Jul 2017 18:26

Instrument :

BNA_F

ClientSampled :

SB-6

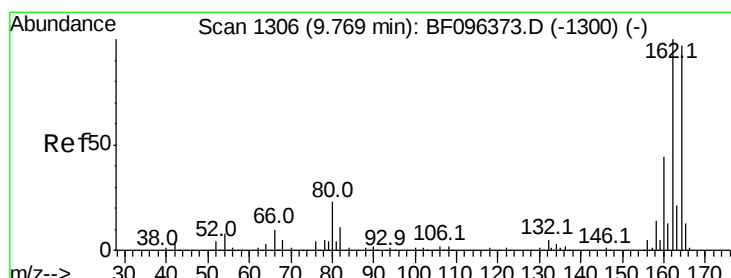
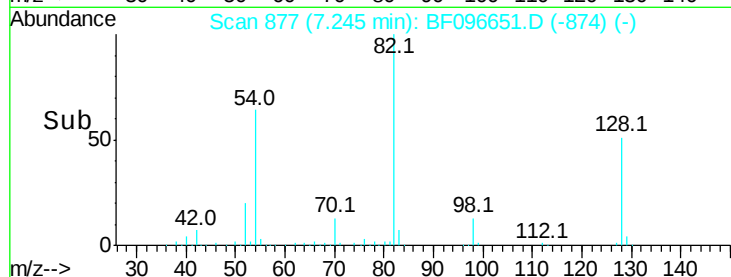
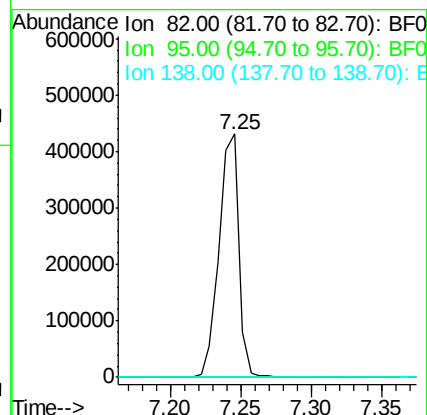
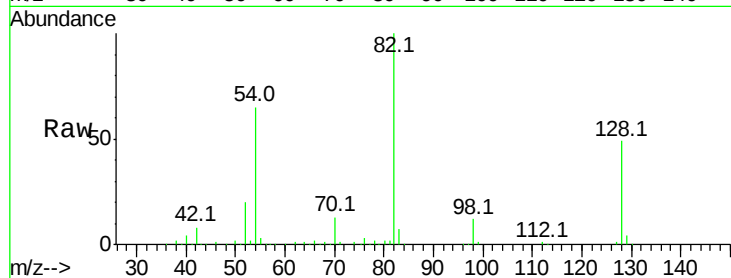
Tot Ion: 82 Resp: 423447

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: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF096651.D

Acq: 11 Jul 2017 18:26

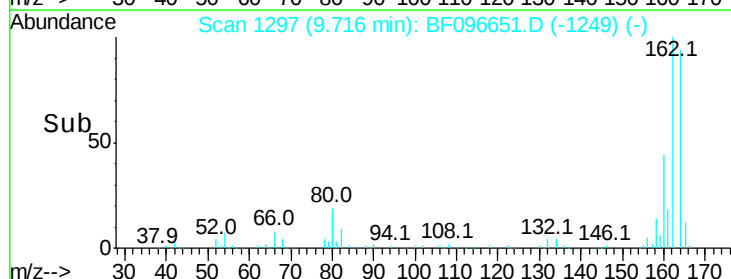
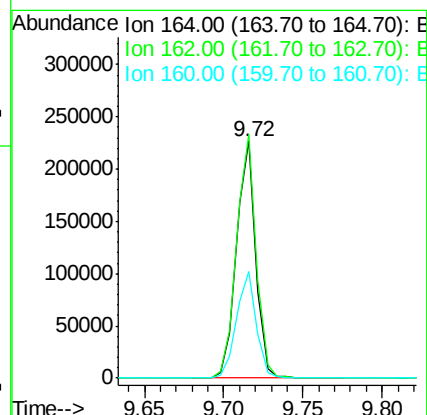
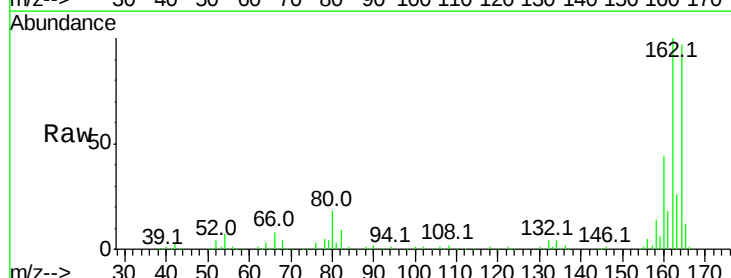
Tgt Ion:164 Resp: 190913

Ion Ratio Lower Upper

164 100

162 102.7 82.6 123.8

160 45.1 36.2 54.2

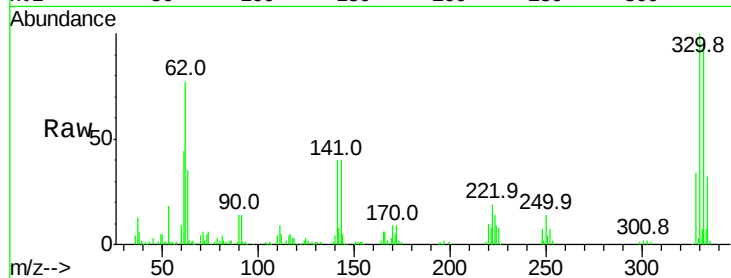




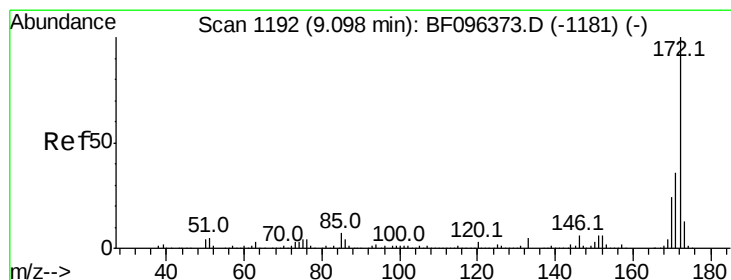
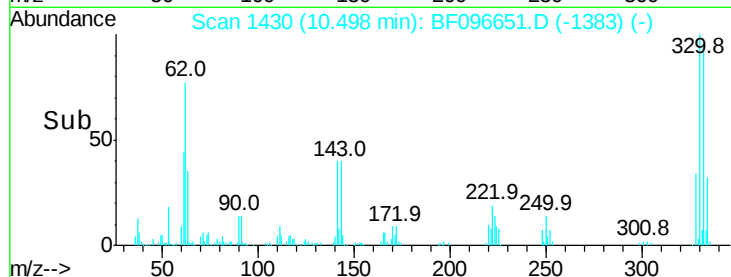
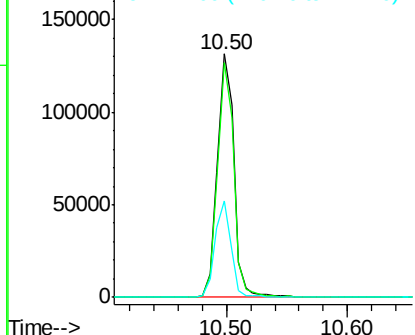
#41
 2,4,6-Tribromophenol
 Concen: 82.897 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF096651.D
 Acq: 11 Jul 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	76.6	115.0
141	38.0	31.4	47.2

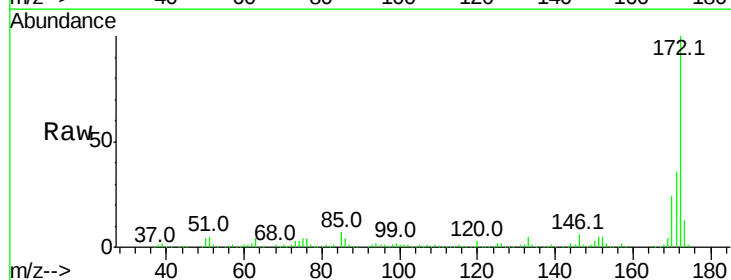


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

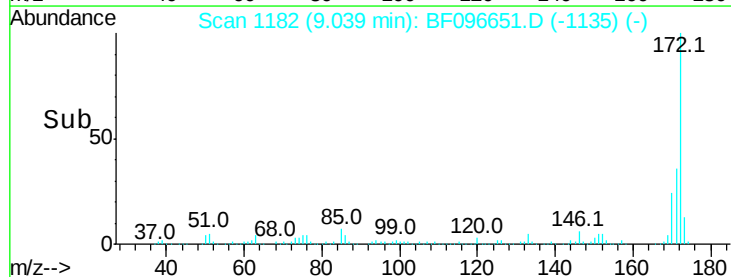
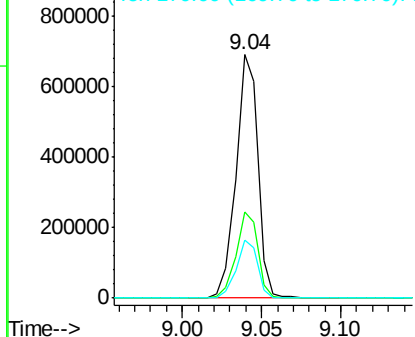


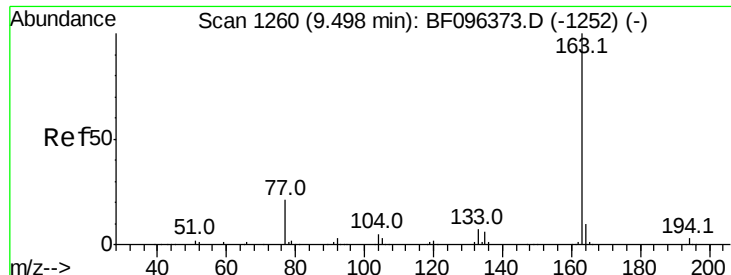
#44
 2-Fluorobiphenyl
 Concen: 59.357 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.02 min
 Lab File: BF096651.D
 Acq: 11 Jul 2017 18:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.7	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: 4.779 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.04 min

Lab File: BF096651.D

Acq: 11 Jul 2017 18:26

Instrument :

BNA_F

ClientSampleId :

SB-6

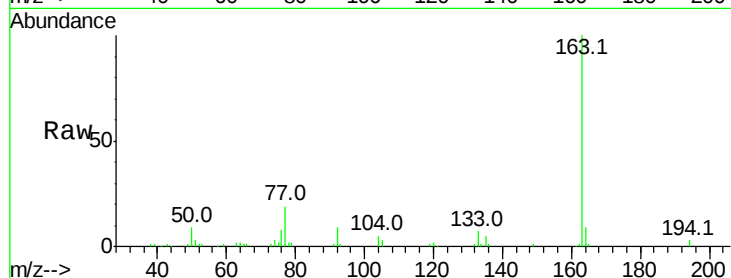
Tot Ion:163 Resp: 68107

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

164 9.3 8.4 12.6

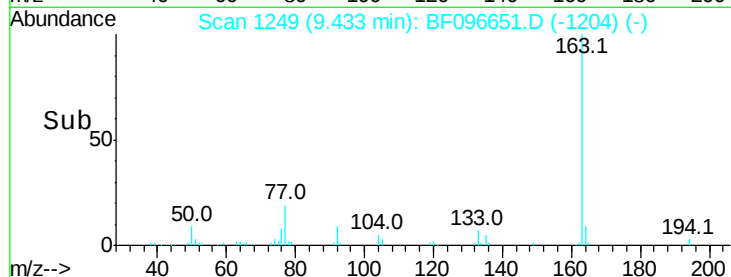


Abundance Ion 163.00 (162.70 to 163.70): E

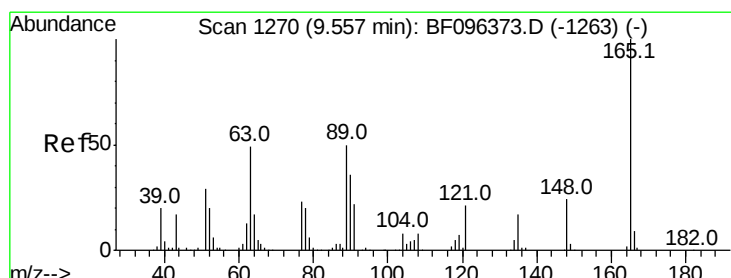
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



Time-->



#50

2,6-Dinitrotoluene

Concen: 7.696 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.19 min

Lab File: BF096651.D

Acq: 11 Jul 2017 18:26

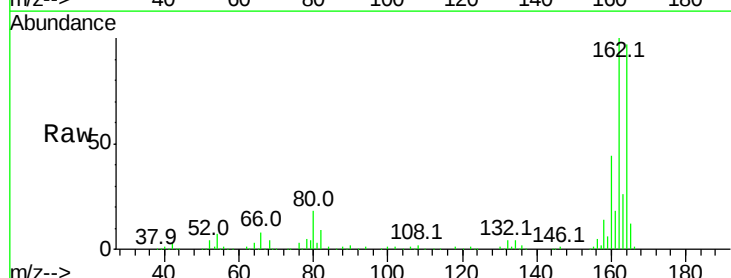
Tgt Ion:165 Resp: 24255

Ion Ratio Lower Upper

165 100

63 1.8 34.3 51.5#

89 1.3 37.1 55.7#

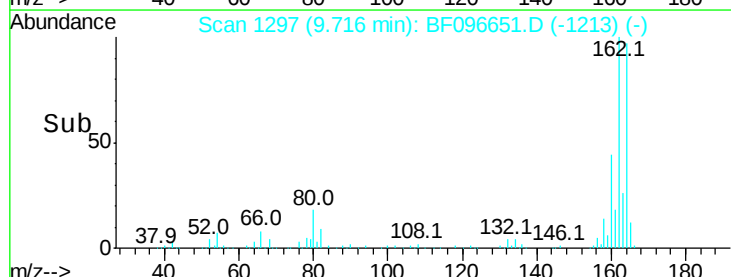


Abundance Ion 165.00 (164.70 to 165.70): E

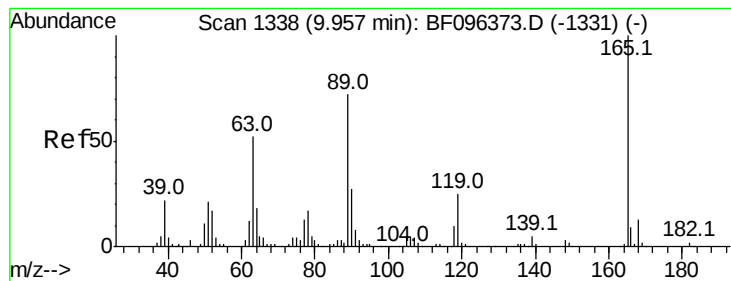
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Time-->



Time-->



#56

2,4-Dinitrotoluene

Concen: 6.077 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.21 min

Lab File: BF096651.D

Acq: 11 Jul 2017 18:26

Instrument :

BNA_F

ClientSampleId :

SB-6

Tot Ion:165 Resp: 24255

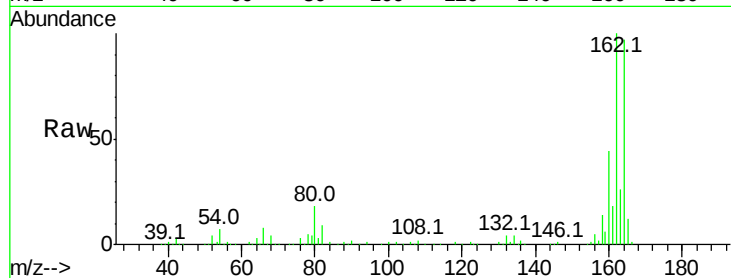
Ion Ratio Lower Upper

165 100

63 1.8 25.4 38.0#

89 1.3 46.4 69.6#

182 0.0 1.8 2.6#

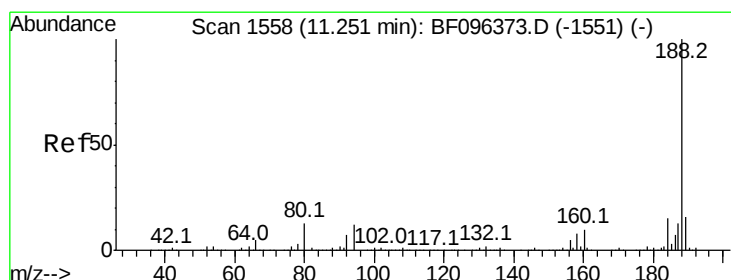
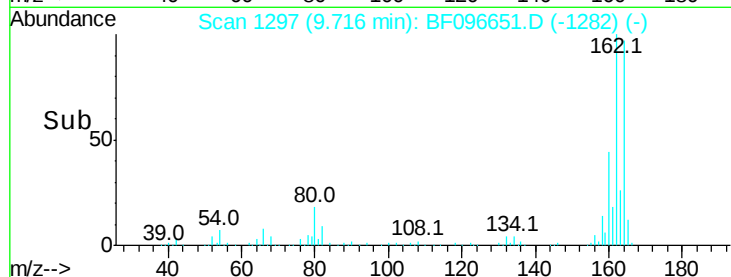
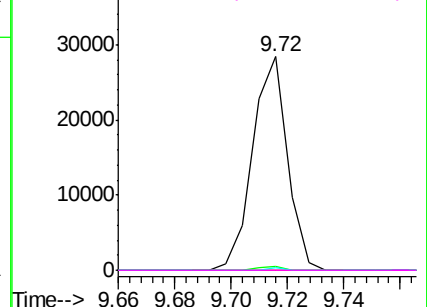


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.19 min Scan# 1548

Delta R.T. -0.02 min

Lab File: BF096651.D

Acq: 11 Jul 2017 18:26

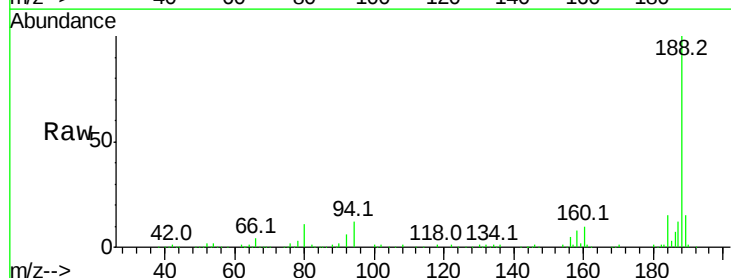
Tgt Ion:188 Resp: 303133

Ion Ratio Lower Upper

188 100

94 11.8 9.4 14.2

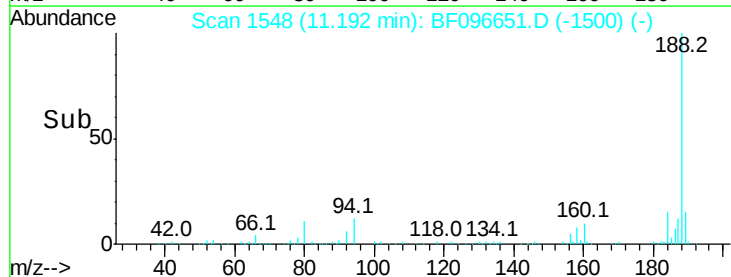
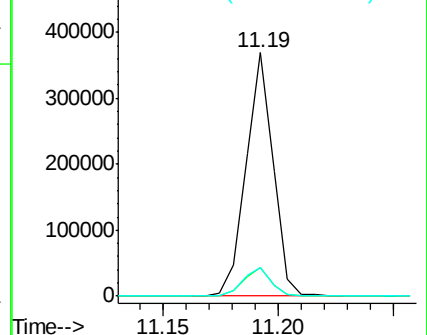
80 11.5 10.2 15.2

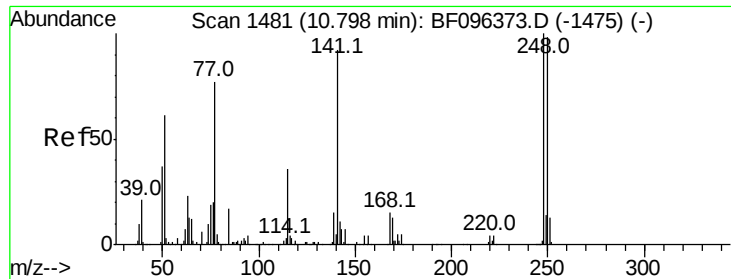


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

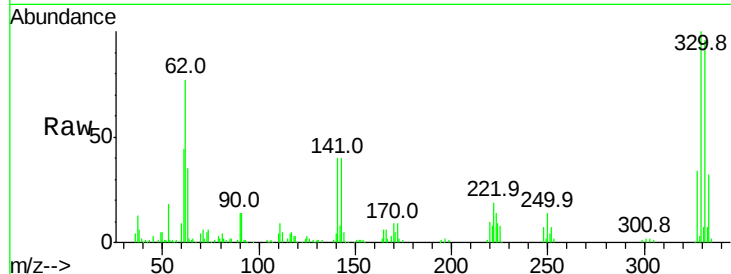




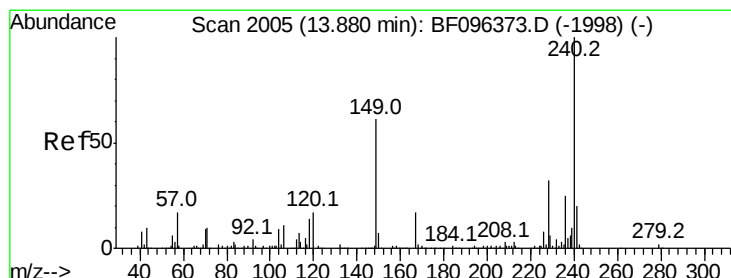
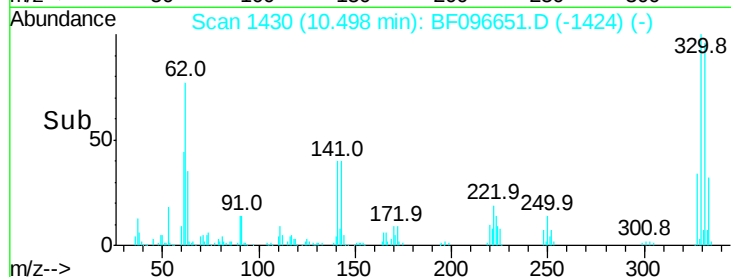
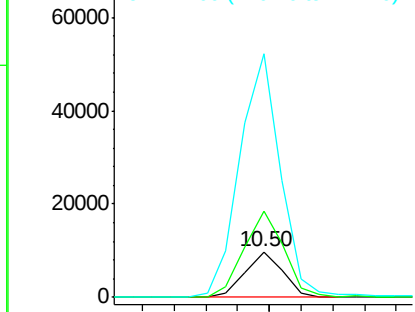
#66
 4-Bromophenyl-phenylether
 Concen: 2.753 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.26 min
 Lab File: BF096651.D
 Acq: 11 Jul 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-6

Tot Ion:248 Resp: 8124
 Ion Ratio Lower Upper
 248 100
 250 187.9 76.8 115.2#
 141 532.3 68.6 103.0#

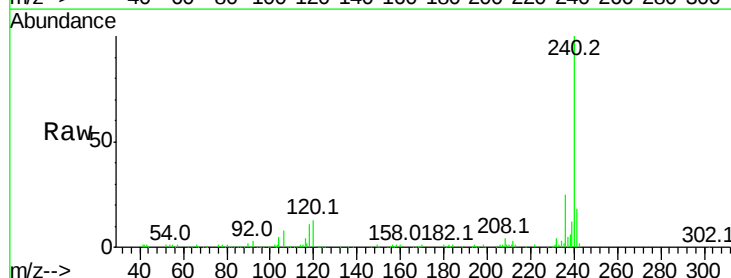


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

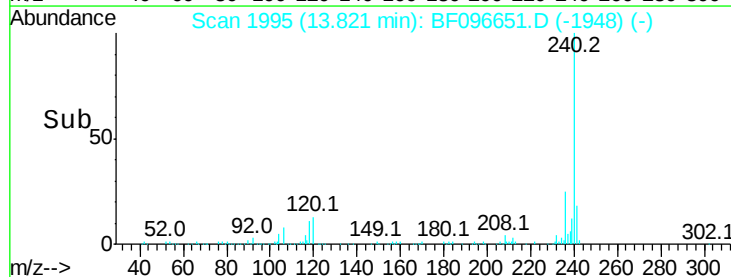
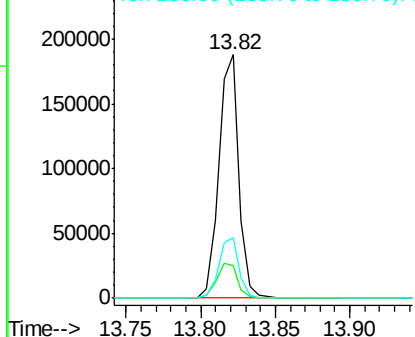


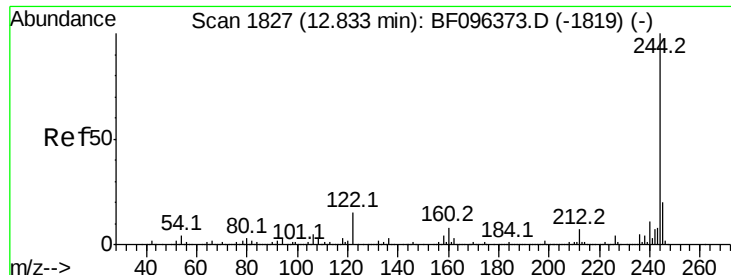
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.02 min
 Lab File: BF096651.D
 Acq: 11 Jul 2017 18:26

Tgt Ion:240 Resp: 176434
 Ion Ratio Lower Upper
 240 100
 120 13.4 5.8 8.8#
 236 25.1 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: 43.982 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF096651.D

Acq: 11 Jul 2017 18:26

Instrument :

BNA_F

ClientSampled :

SB-6

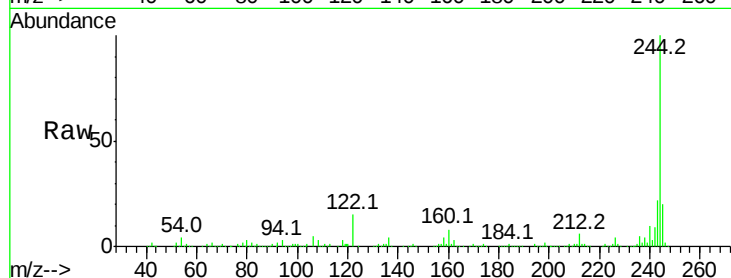
Tot Ion:244 Resp: 363146

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

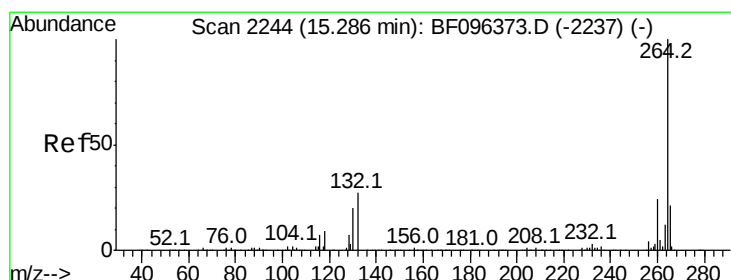
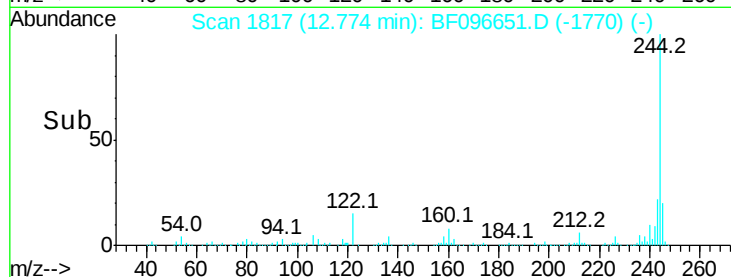
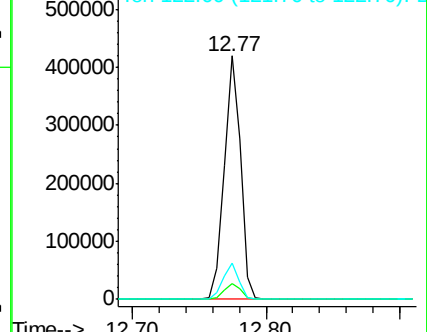
122 15.2 10.3 15.5



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: 15.22 min Scan# 2232

Delta R.T. -0.03 min

Lab File: BF096651.D

Acq: 11 Jul 2017 18:26

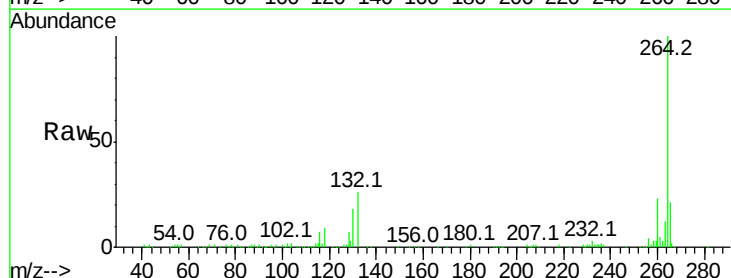
Tgt Ion:264 Resp: 186999

Ion Ratio Lower Upper

264 100

260 22.9 19.5 29.3

265 21.1 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

