

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070317\
 Data File : BF096433.D
 Acq On : 3 Jul 2017 11:33
 Operator : SJ/MA
 Sample : PB100328BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 16:13:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

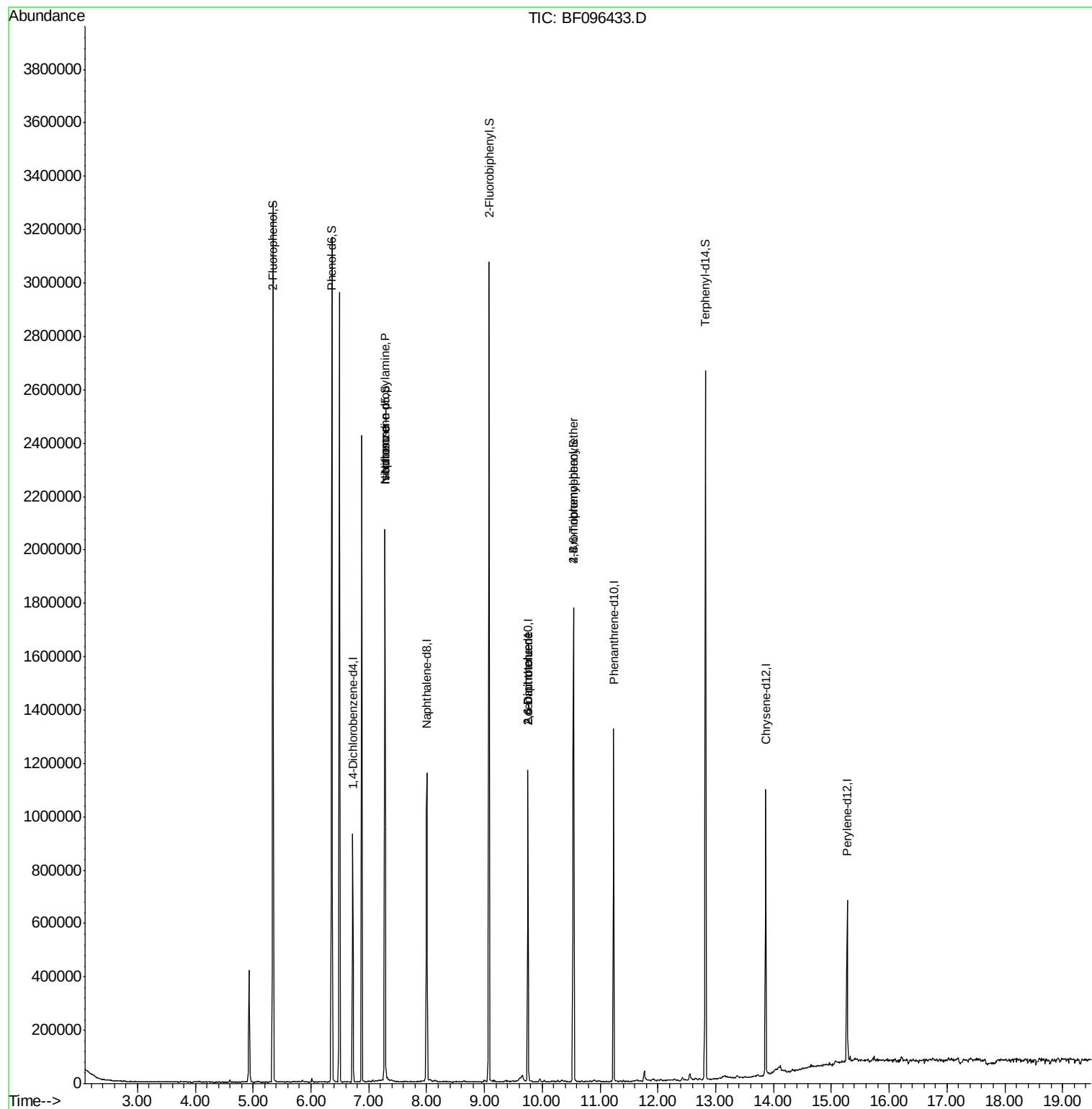
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	125291	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	582034	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	260355	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	456183	20.00	ng	-0.02
75) Chrysene-d12	13.86	240	355109	20.00	ng	-0.02
86) Perylene-d12	15.27	264	259947	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	921655	108.57	ng	0.00
7) Phenol-d6	6.36	99	1118228	107.15	ng	-0.01
23) Nitrobenzene-d5	7.28	82	652813	67.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	218761	107.57	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	1105862	72.62	ng	-0.02
78) Terphenyl-d14	12.82	244	948142	57.05	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	84696	13.62	ng	# 86
25) Isophorone	7.28	82	648067	34.51	ng	# 67
50) 2,6-Dinitrotoluene	9.75	165	33189	7.72	ng	# 33
56) 2,4-Dinitrotoluene	9.75	165	33189	6.10	ng	# 33
66) 4-Bromophenyl-phenylether	10.54	248	14829	3.34	ng	# 1

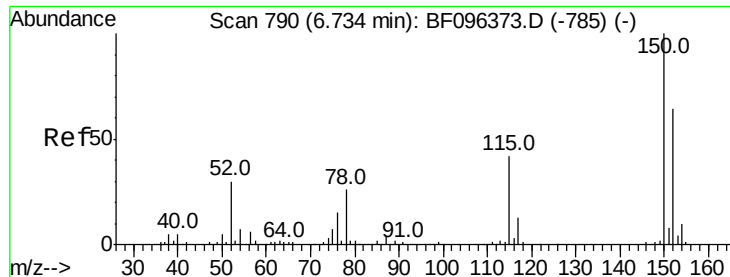
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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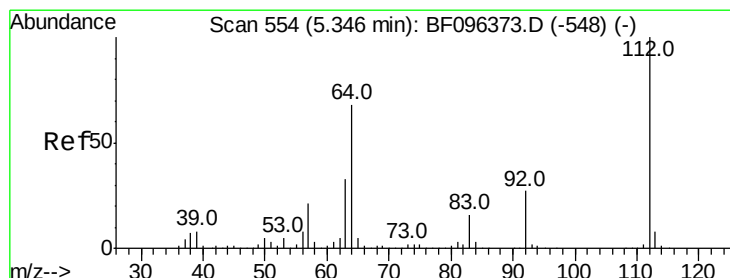
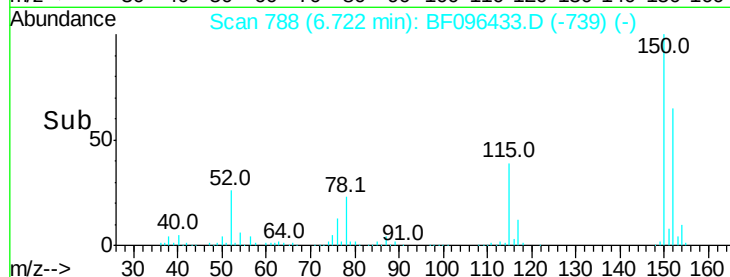
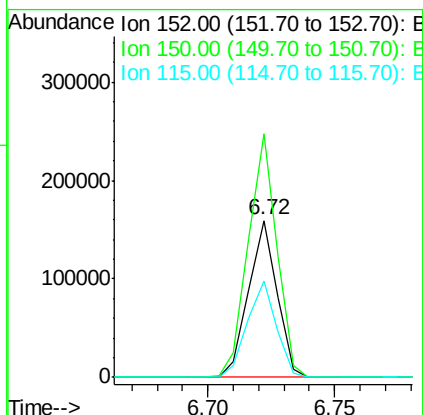
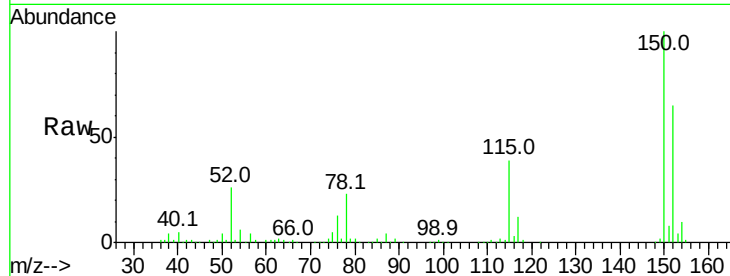


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF096433.D
Acq: 3 Jul 2017 11:33

Instrument :
BNA_F
ClientSampleId :

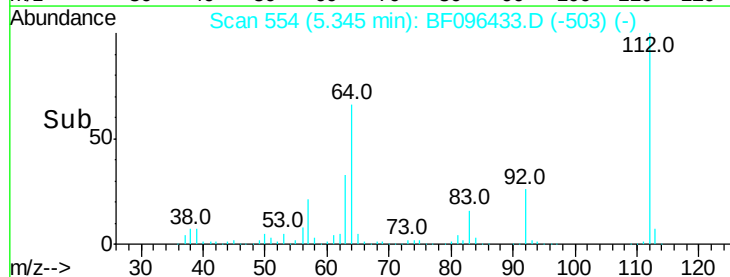
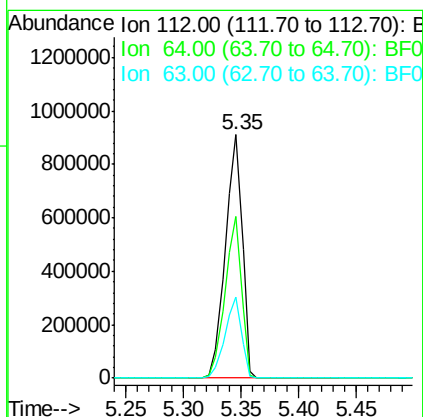
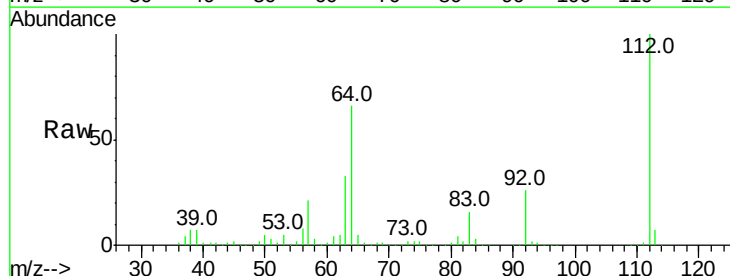
Tot Ion:152 Resp: 125291
Ion Ratio Lower Upper
152 100
150 155.0 126.2 189.2
115 61.2 52.2 78.2

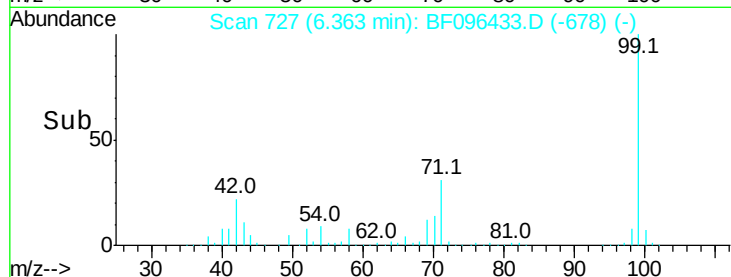
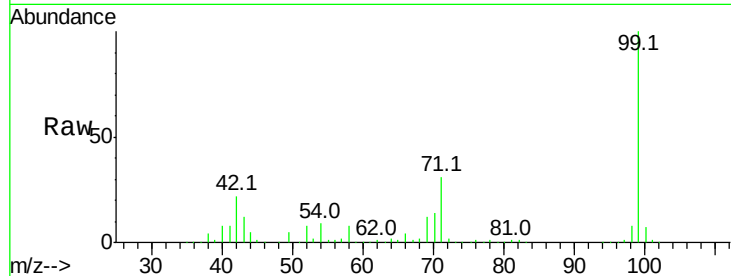
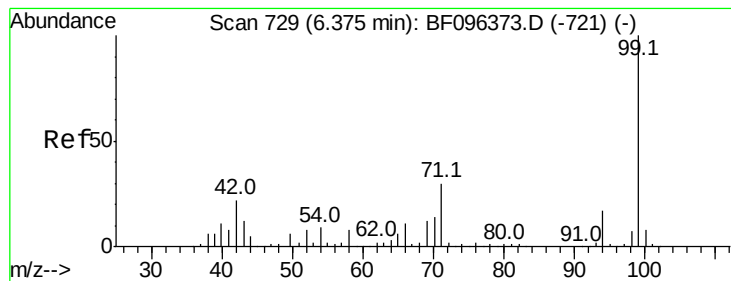


#5

2-Fluorophenol
Concen: 108.57 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF096433.D
Acq: 3 Jul 2017 11:33

Tgt Ion:112 Resp: 921655
Ion Ratio Lower Upper
112 100
64 66.4 46.0 69.0
63 33.1 23.4 35.0





#7

Phenol-d6

Concen: 107.15 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096433.D

Acq: 3 Jul 2017 11:33

Instrument :

BNA_F

ClientSampleId :

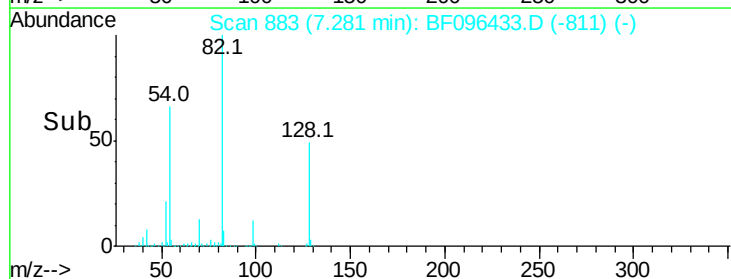
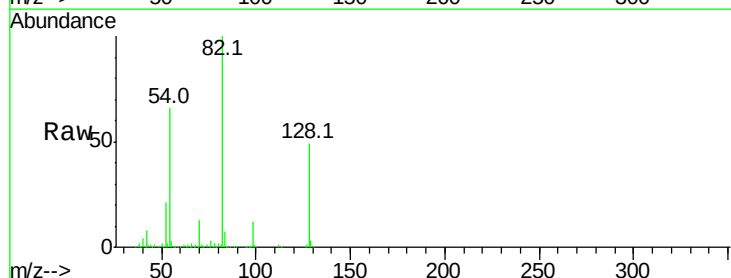
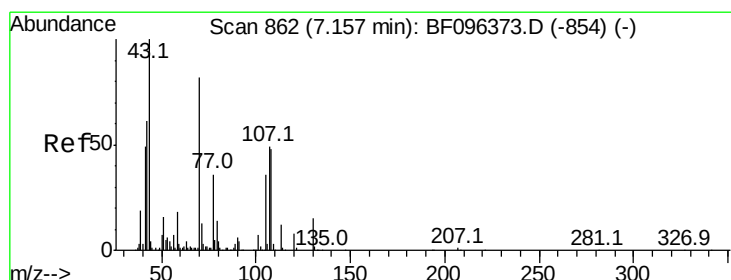
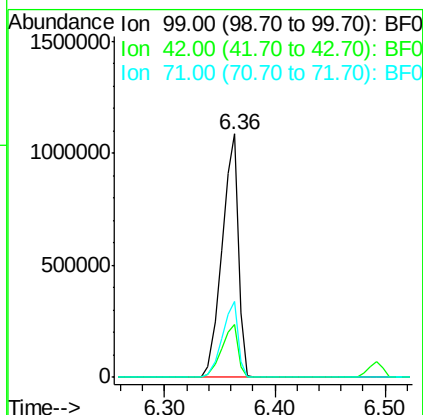
Tot Ion: 99 Resp: 1118228

Ion Ratio Lower Upper

99 100

42 21.8 13.5 20.3#

71 31.4 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 13.62 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.12 min

Lab File: BF096433.D

Acq: 3 Jul 2017 11:33

Tgt Ion: 70 Resp: 84696

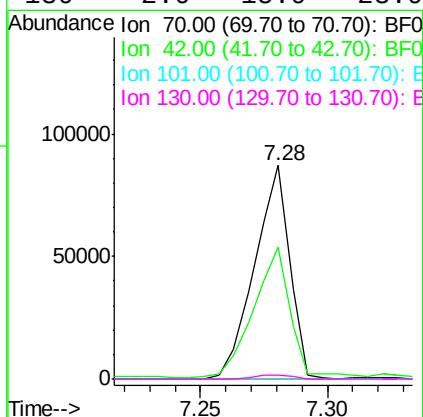
Ion Ratio Lower Upper

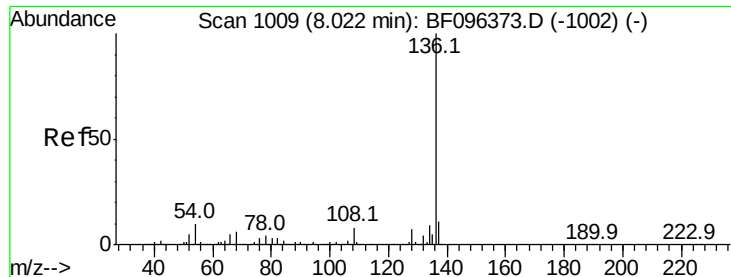
70 100

42 62.0 47.2 70.8

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#

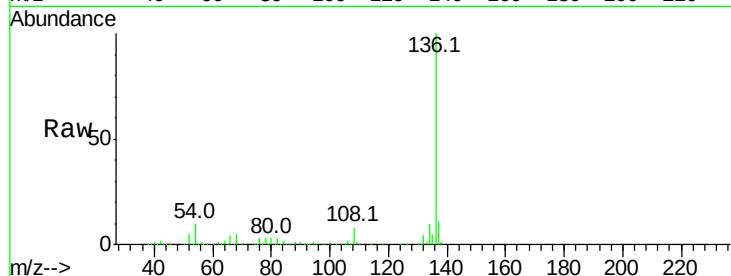




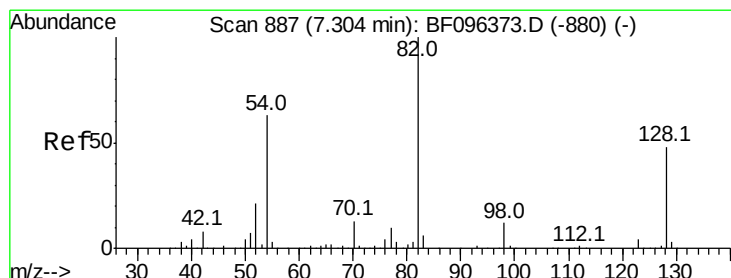
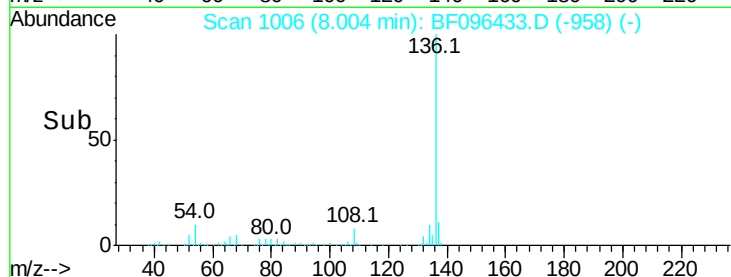
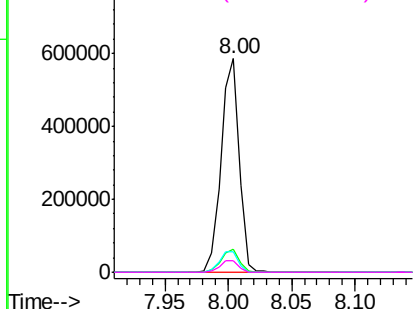
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BF096433.D
Acq: 3 Jul 2017 11:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	582034
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.5 12.7
54	9.8	4.9 7.3#
68	5.3	4.1 6.1

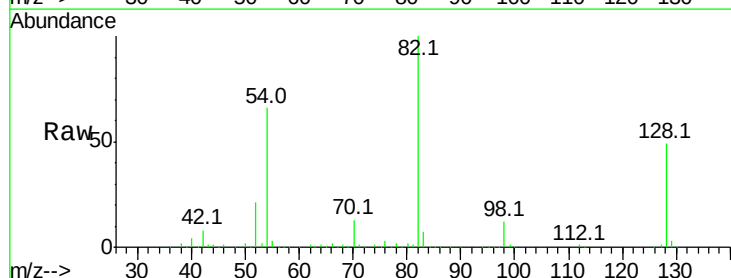


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

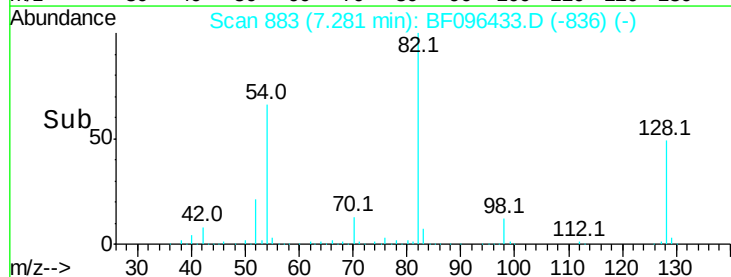
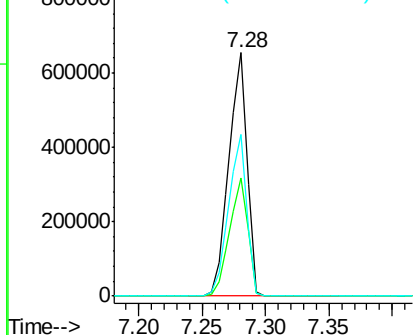


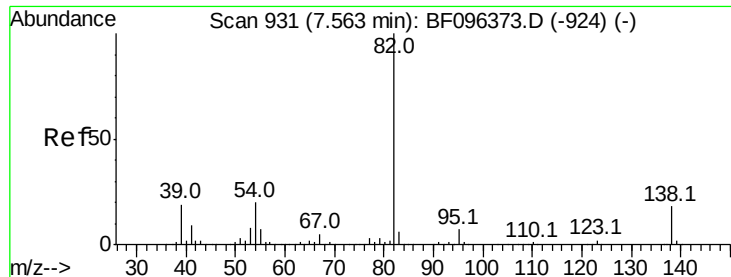
#23
Nitrobenzene-d5
Concen: 67.40 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF096433.D
Acq: 3 Jul 2017 11:33

Tgt Ion: 82	Resp:	652813
Ion Ratio	Lower	Upper
82	100	
128	48.6	34.0 51.0
54	66.4	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





#25

Isophorone

Concen: 34.51 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.28 min

Lab File: BF096433.D

Acq: 3 Jul 2017 11:33

Instrument :

BNA_F

ClientSampleId :

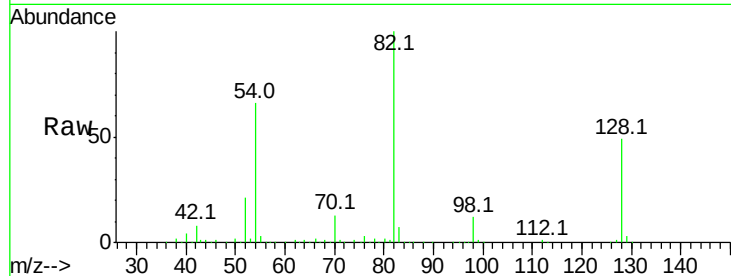
Tot Ion: 82 Resp: 648067

Ion Ratio Lower Upper

82 100

95 0.1 5.3 7.9#

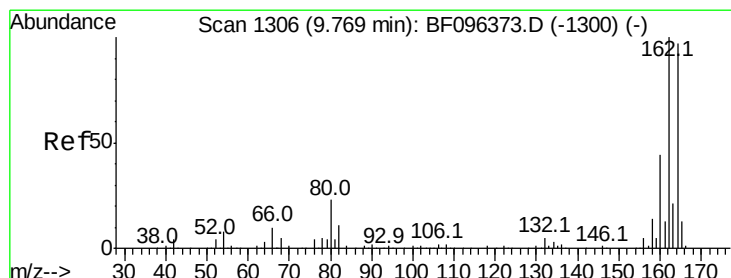
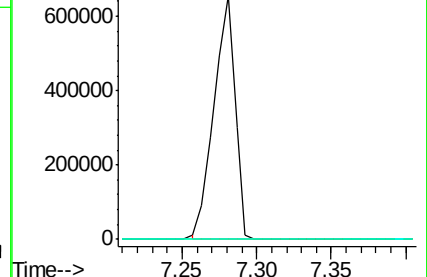
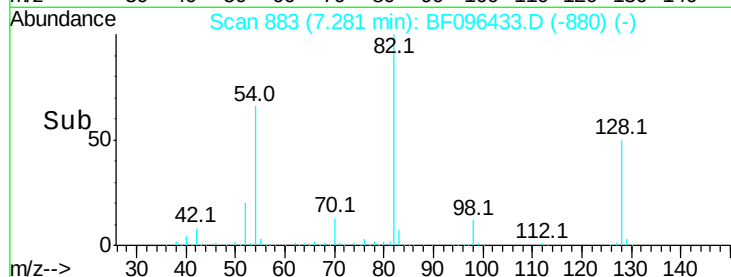
138 0.0 13.1 19.7#



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# 1303

Delta R.T. -0.02 min

Lab File: BF096433.D

Acq: 3 Jul 2017 11:33

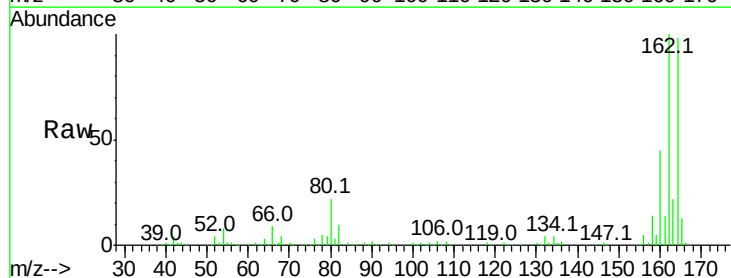
Tgt Ion: 164 Resp: 260355

Ion Ratio Lower Upper

164 100

162 102.5 82.6 123.8

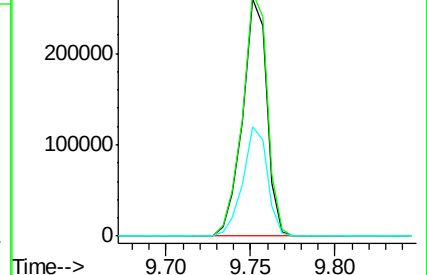
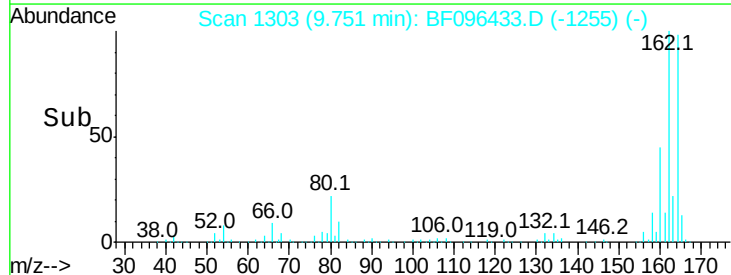
160 45.9 36.2 54.2

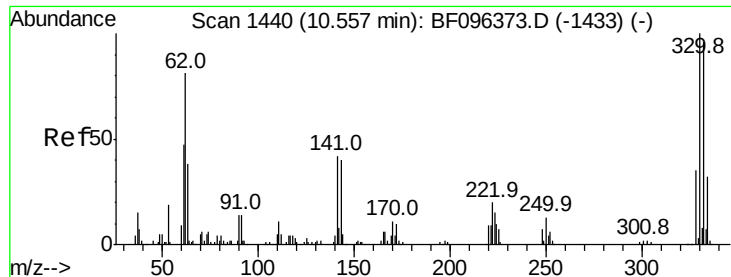


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

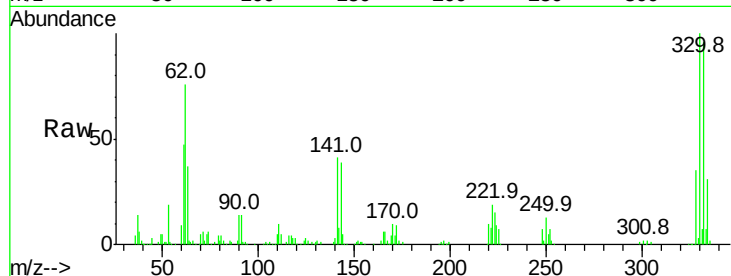




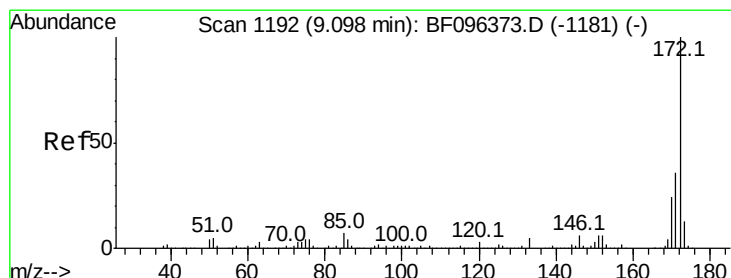
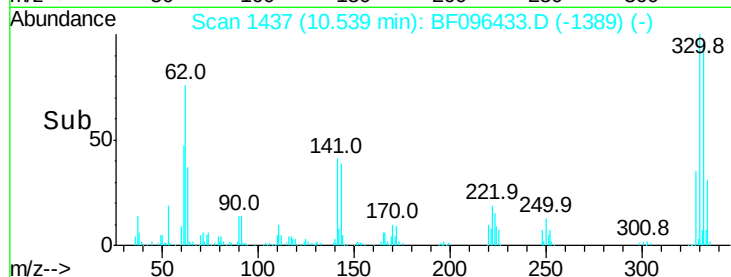
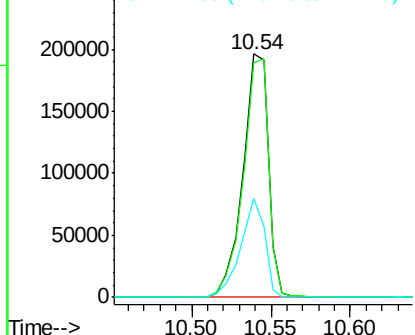
#41
 2,4,6-Tribromophenol
 Concen: 107.57 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.02 min
 Lab File: BF096433.D
 Acq: 3 Jul 2017 11:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 218761
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 115.0
 141 38.2 31.4 47.2

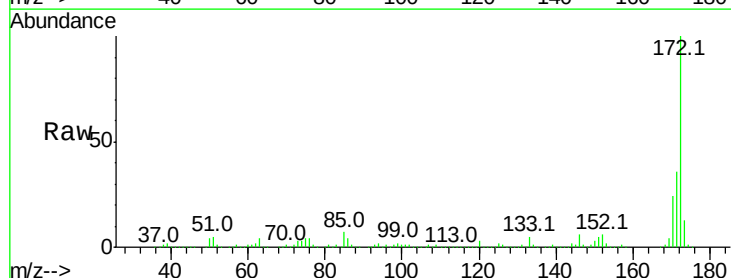


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

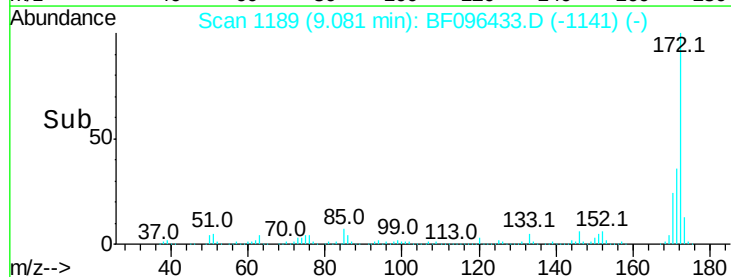
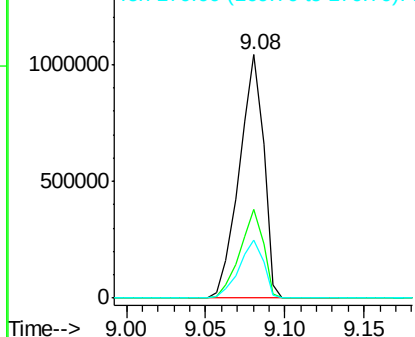


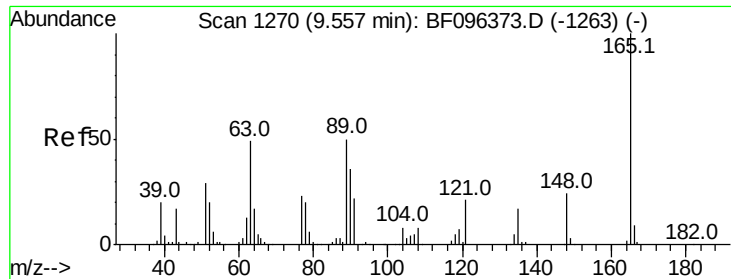
#44
 2-Fluorobiphenyl
 Concen: 72.62 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.02 min
 Lab File: BF096433.D
 Acq: 3 Jul 2017 11:33

Tgt Ion:172 Resp: 1105862
 Ion Ratio Lower Upper
 172 100
 171 36.3 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

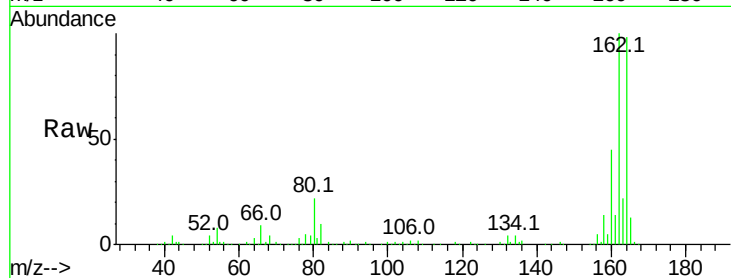




#50
 2,6-Dinitrotoluene
 Concen: 7.72 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.19 min
 Lab File: BF096433.D
 Acq: 3 Jul 2017 11:33

Instrument :
 BNA_F
 ClientSampleId :

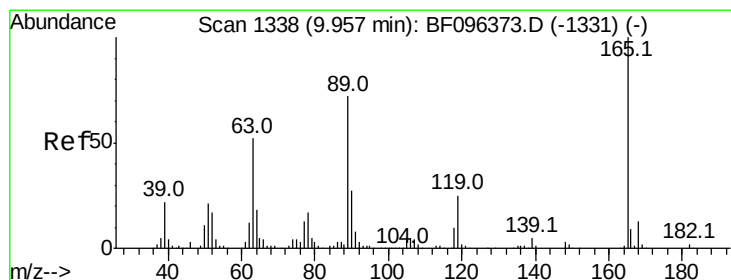
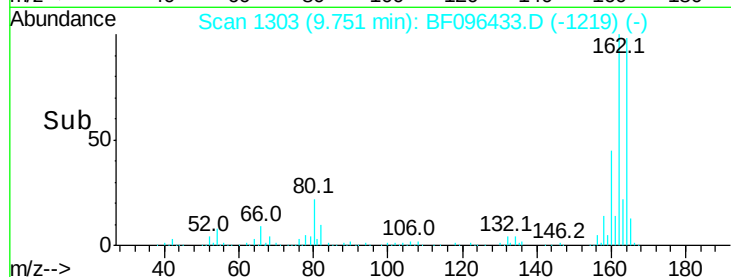
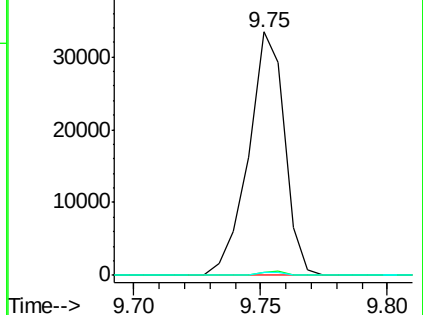
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	34.3	51.5#
89	1.3	37.1	55.7#



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



#56
 2,4-Dinitrotoluene
 Concen: 6.10 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.21 min
 Lab File: BF096433.D
 Acq: 3 Jul 2017 11:33

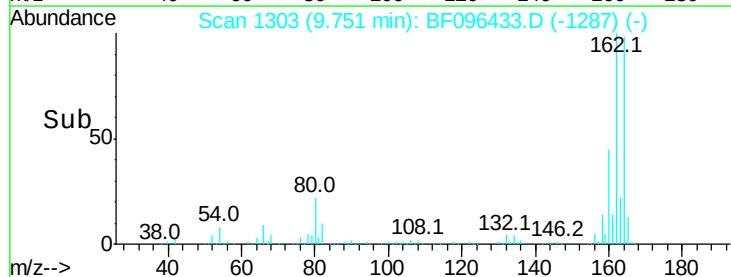
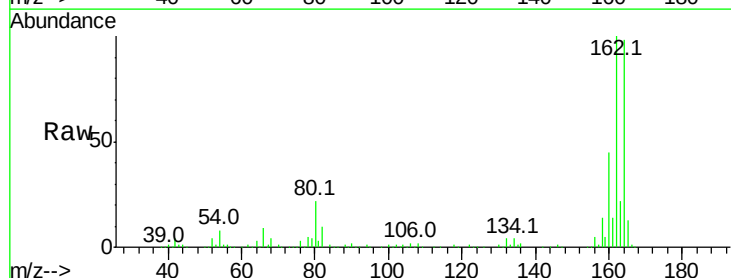
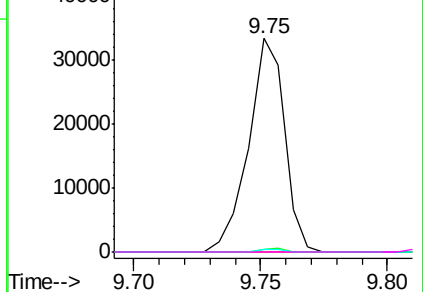
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	25.4	38.0#
89	1.3	46.4	69.6#
182	0.0	1.8	2.6#

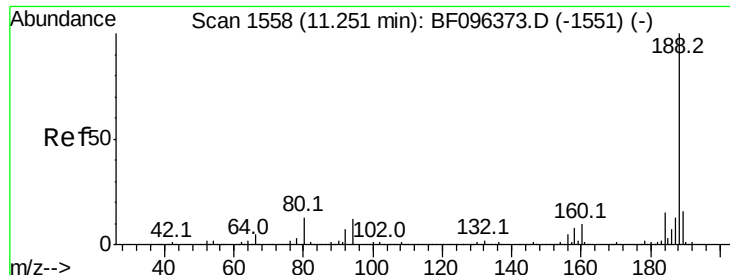
Abundance Ion 165.00 (164.70 to 165.70): E

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: 20.00 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BF096433.D

Acq: 3 Jul 2017 11:33

Instrument :

BNA_F

ClientSampleId :

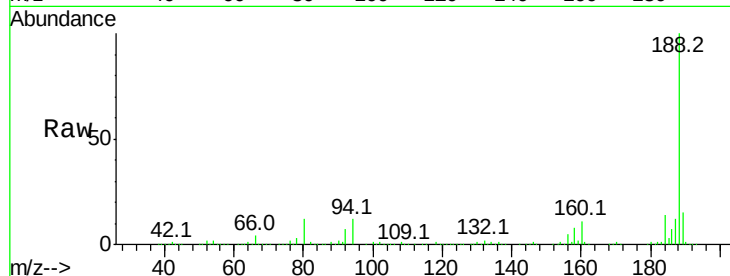
Tot Ion:188 Resp: 456183

Ion Ratio Lower Upper

188 100

94 11.7 9.4 14.2

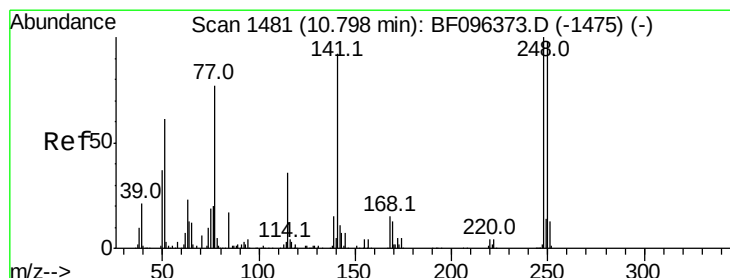
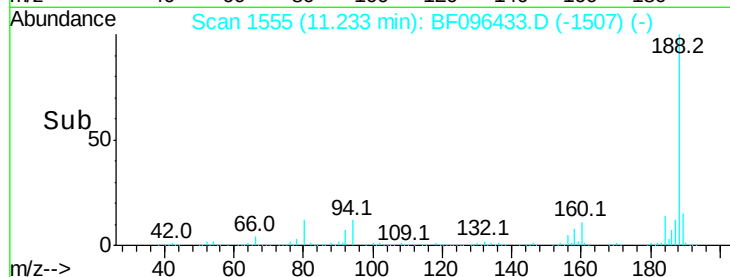
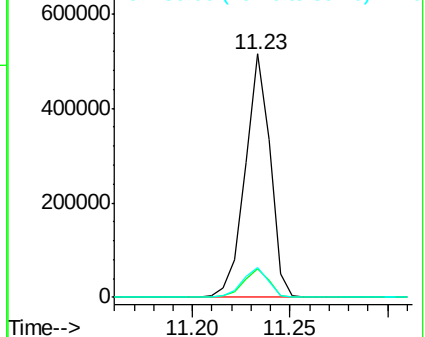
80 12.2 10.2 15.2



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: 3.34 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.26 min

Lab File: BF096433.D

Acq: 3 Jul 2017 11:33

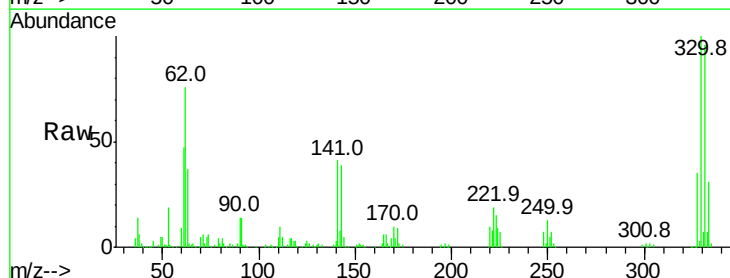
Tgt Ion:248 Resp: 14829

Ion Ratio Lower Upper

248 100

250 191.3 76.8 115.2#

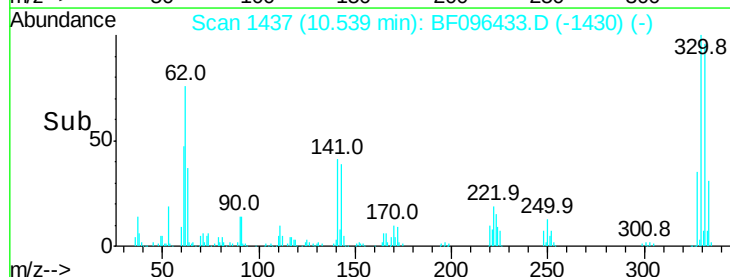
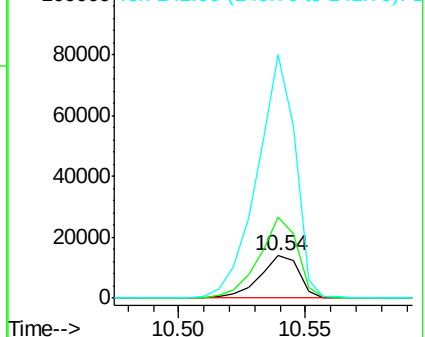
141 578.4 68.6 103.0#

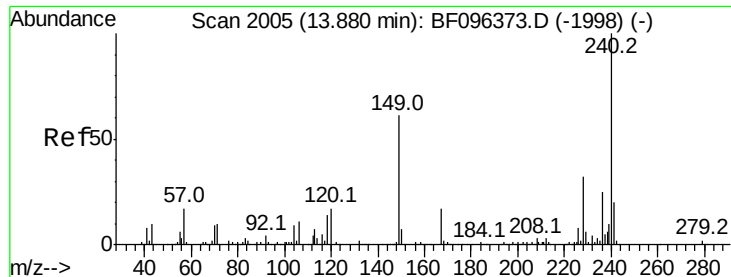


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.86 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BF096433.D

Acq: 3 Jul 2017 11:33

Instrument :

BNA_F

ClientSampleId :

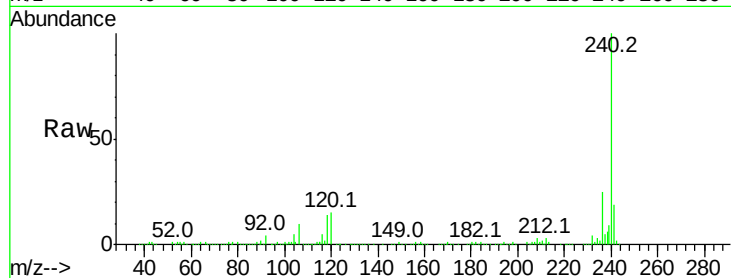
Tot Ion:240 Resp: 355109

Ion Ratio Lower Upper

240 100

120 15.4 5.8 8.8#

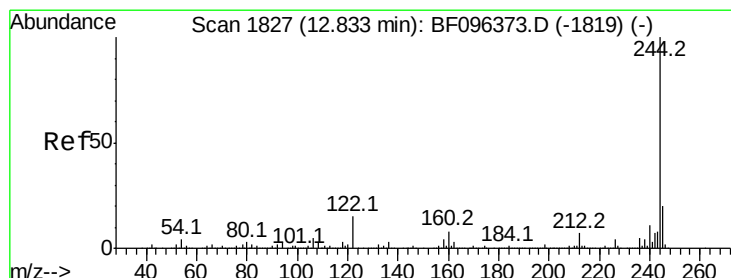
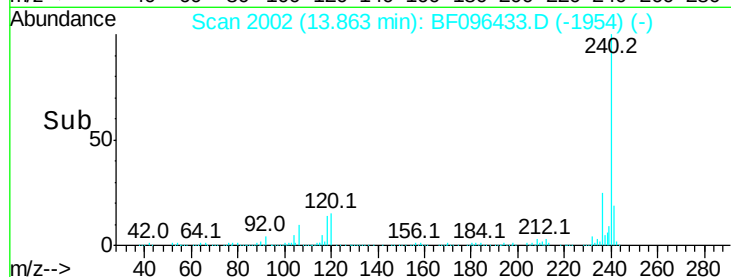
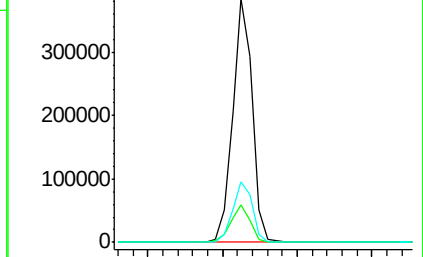
236 24.9 20.5 30.7



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: 57.05 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF096433.D

Acq: 3 Jul 2017 11:33

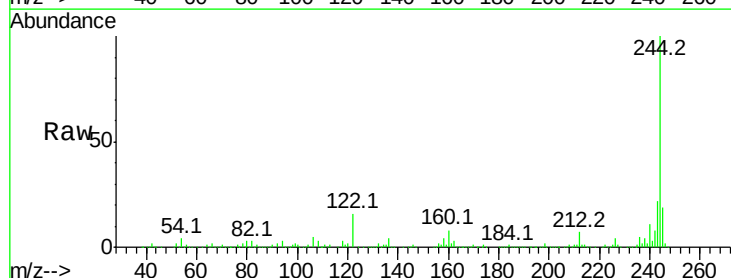
Tgt Ion:244 Resp: 948142

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

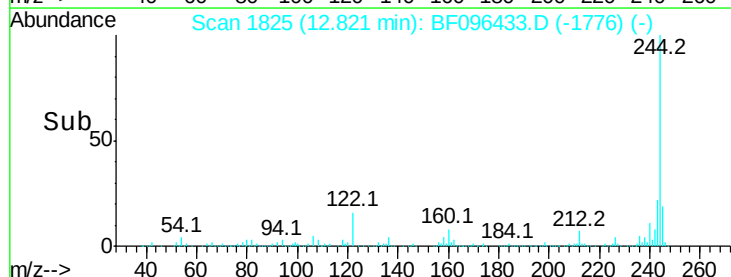
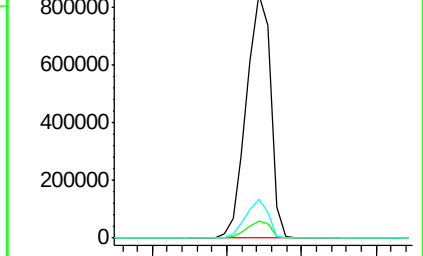
122 16.0 10.3 15.5#

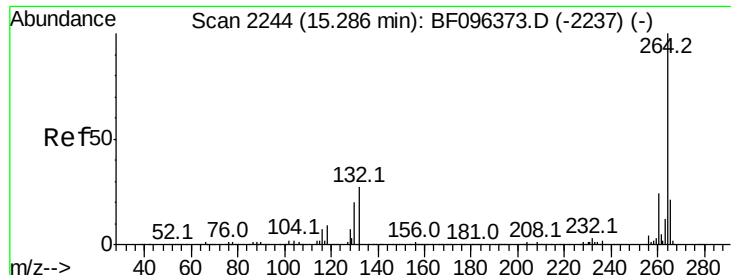


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

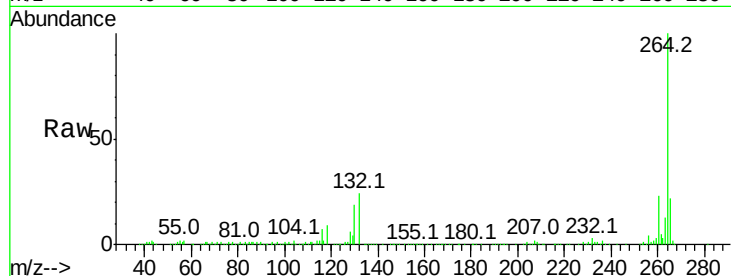




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: BF096433.D
 Acq: 3 Jul 2017 11:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 259947
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 21.7 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

