

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096593.D
 Acq On : 10 Jul 2017 11:39
 Operator : SJ/JU
 Sample : PB100484TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 11 01:05:56 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

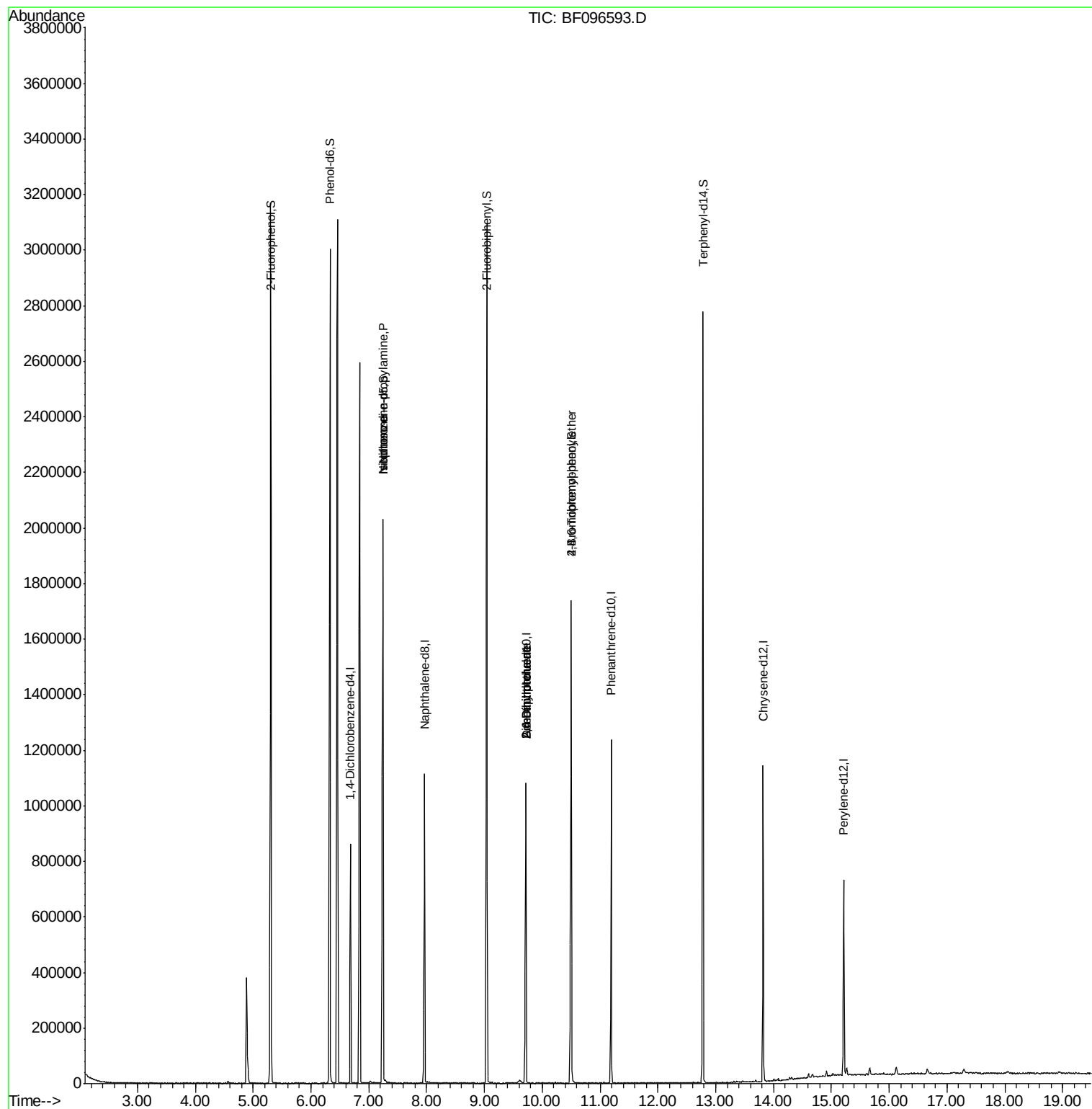
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	124420	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	527430	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	234333	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	411305	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	371058	20.00	ng	-0.02
86) Perylene-d12	15.22	264	280669	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	940971	111.63	ng	0.00
7) Phenol-d6	6.33	99	1126037	108.66	ng	-0.02
23) Nitrobenzene-d5	7.25	82	689778	78.59	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	238751	130.43	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	1201323	87.65	ng	-0.02
78) Terphenyl-d14	12.78	244	1026442	59.11	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	90104	14.59	ng	# 88
25) Isophorone	7.25	82	688857	40.48	ng	# 67
49) Dimethylphthalate	9.72	163	69480	3.97	ng	# 1
50) 2,6-Dinitrotoluene	9.72	165	29510	7.63	ng	# 31
56) 2,4-Dinitrotoluene	9.72	165	29510	6.02	ng	# 31
66) 4-Bromophenyl-phenylether	10.50	248	15700	3.92	ng	# 1

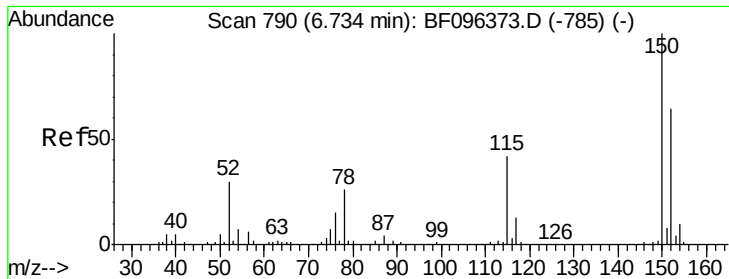
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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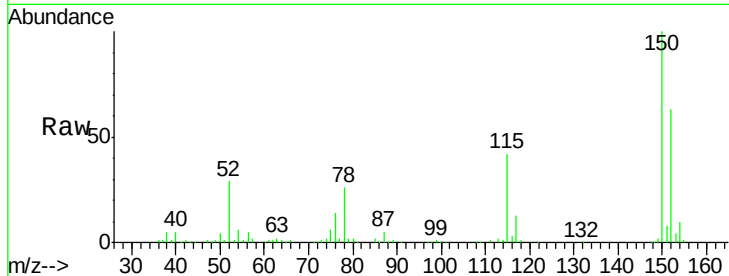


#1

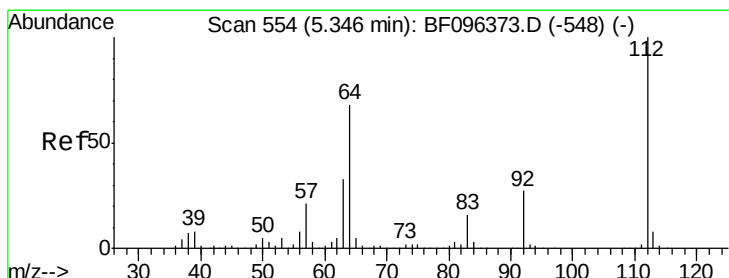
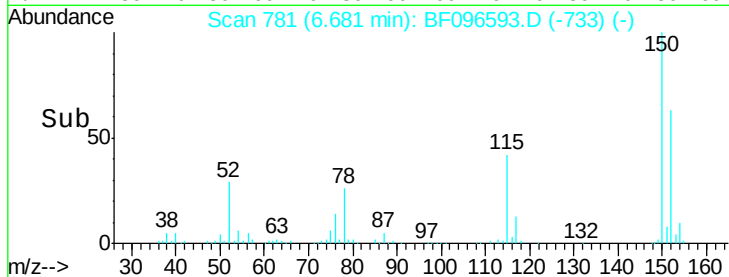
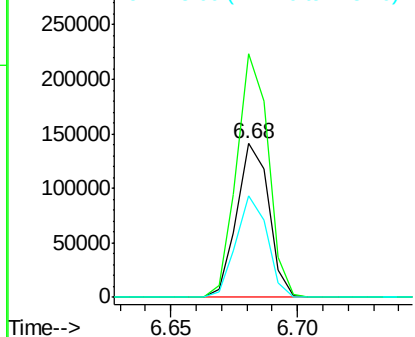
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF096593.D
Acq: 10 Jul 2017 11:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 124420
Ion Ratio Lower Upper
152 100
150 158.3 126.2 189.2
115 65.7 52.2 78.2



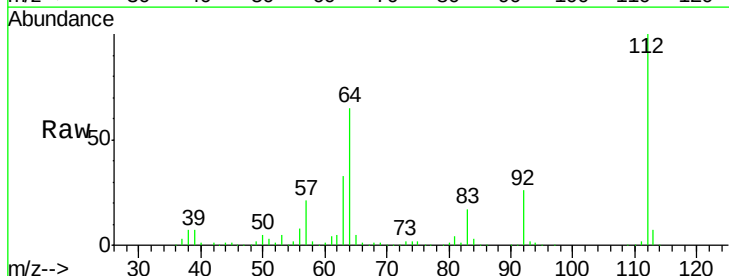
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



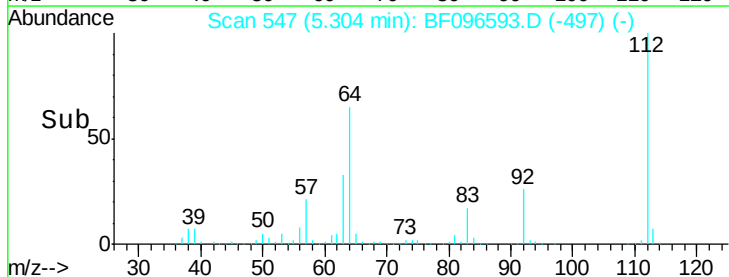
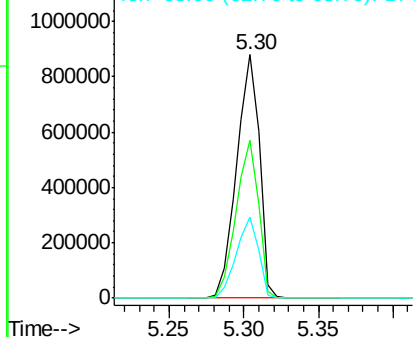
#5

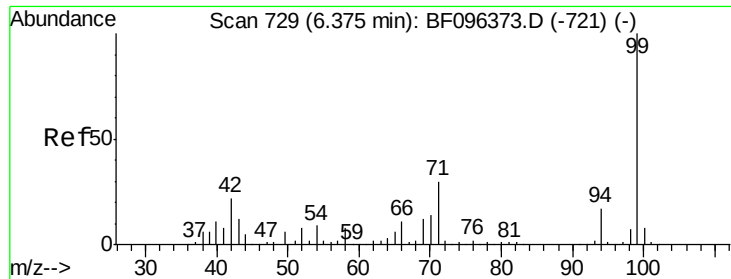
2-Fluorophenol
Concen: 111.63 ng
RT: 5.30 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF096593.D
Acq: 10 Jul 2017 11:39

Tgt Ion:112 Resp: 940971
Ion Ratio Lower Upper
112 100
64 64.9 46.0 69.0
63 33.2 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: 108.66 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096593.D

Acq: 10 Jul 2017 11:39

Instrument :

BNA_F

ClientSampleId :

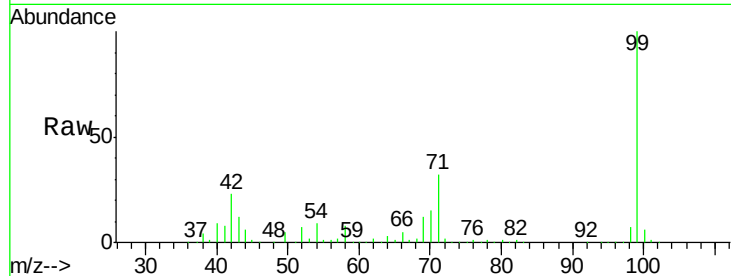
Tot Ion: 99 Resp: 1126037

Ion Ratio Lower Upper

99 100

42 22.8 13.5 20.3#

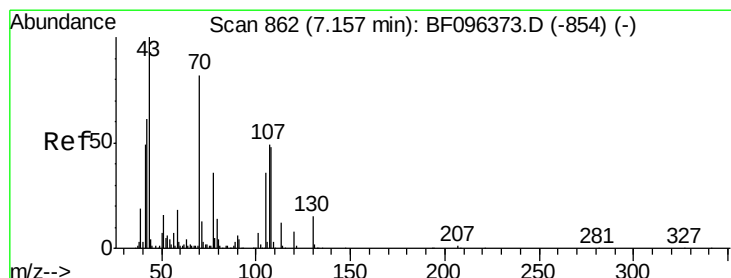
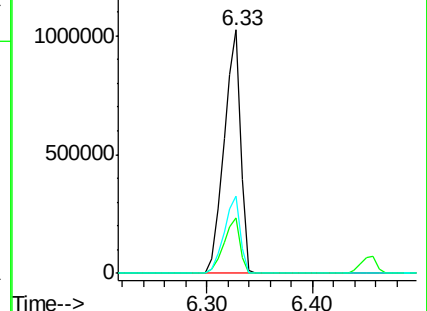
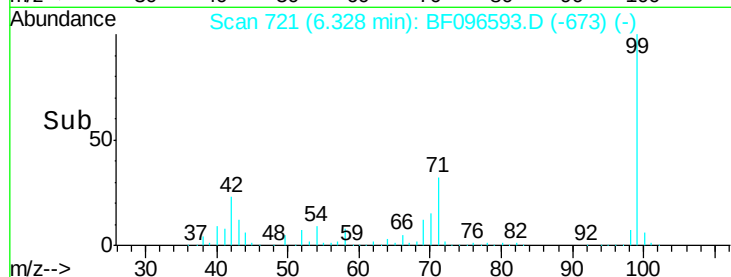
71 31.9 24.5 36.7



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: 14.59 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.12 min

Lab File: BF096593.D

Acq: 10 Jul 2017 11:39

Tgt Ion: 70 Resp: 90104

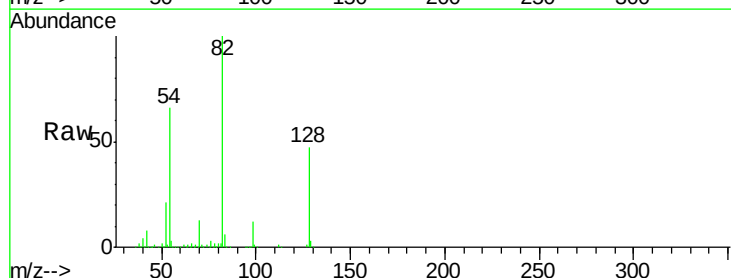
Ion Ratio Lower Upper

70 100

42 57.9 47.2 70.8

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

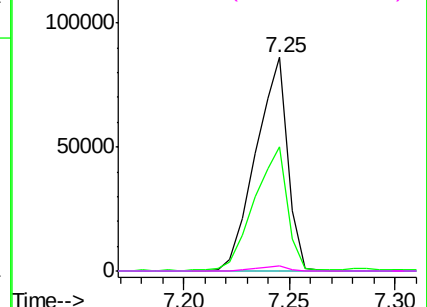
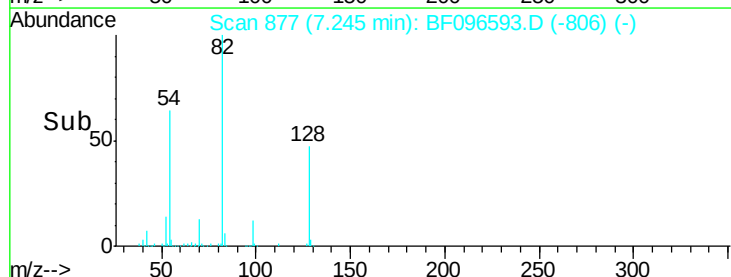


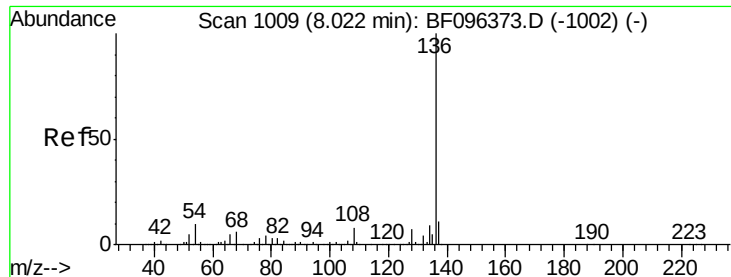
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

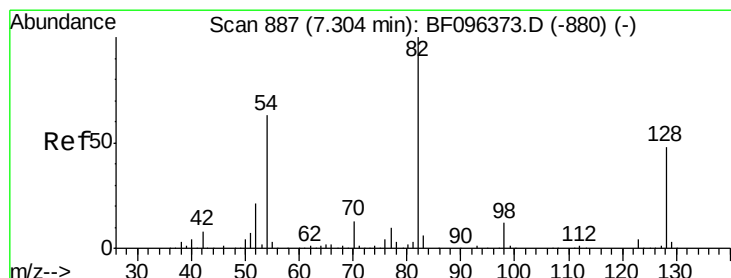
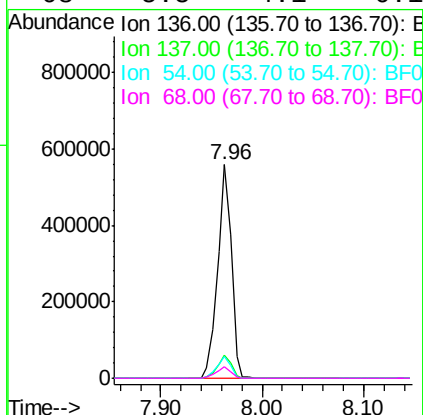
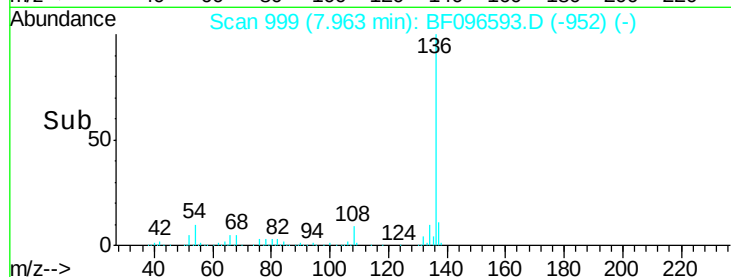
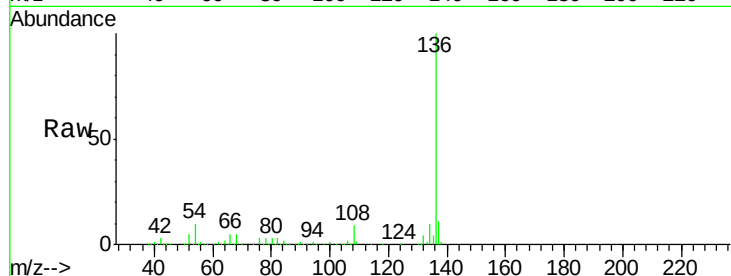




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF096593.D
Acq: 10 Jul 2017 11:39

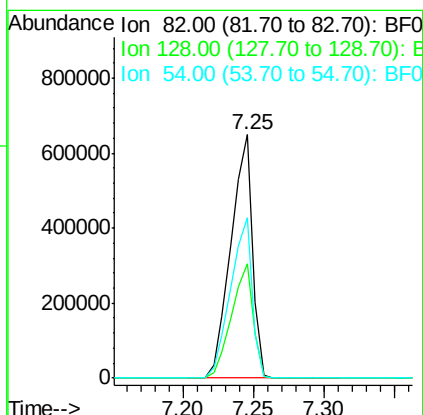
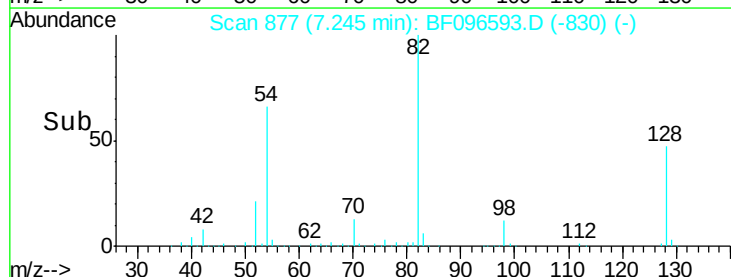
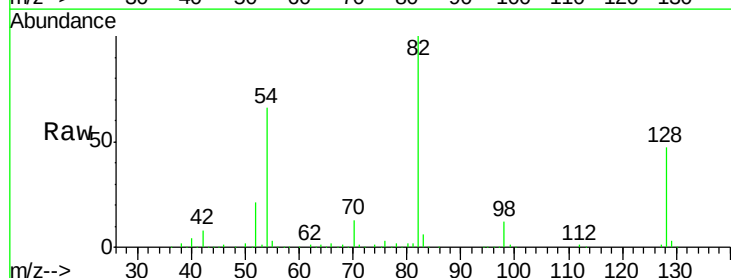
Instrument :
BNA_F
ClientSampleId :

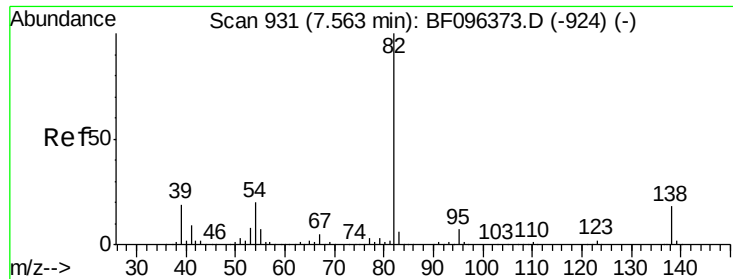
Tot Ion:136	Resp:	527430
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.5 12.7
54	10.3	4.9 7.3#
68	5.5	4.1 6.1



#23
Nitrobenzene-d5
Concen: 78.59 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF096593.D
Acq: 10 Jul 2017 11:39

Tgt Ion: 82	Resp:	689778
Ion Ratio	Lower	Upper
82	100	
128	47.2	34.0 51.0
54	65.9	42.2 63.2#





#25

Isophorone

Concen: 40.48 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.28 min

Lab File: BF096593.D

Acq: 10 Jul 2017 11:39

Instrument :

BNA_F

ClientSampleId :

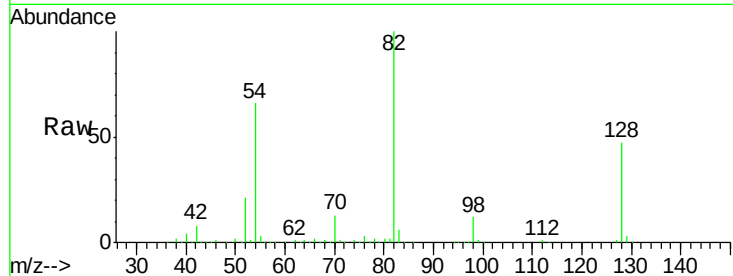
Tot Ion: 82 Resp: 688857

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

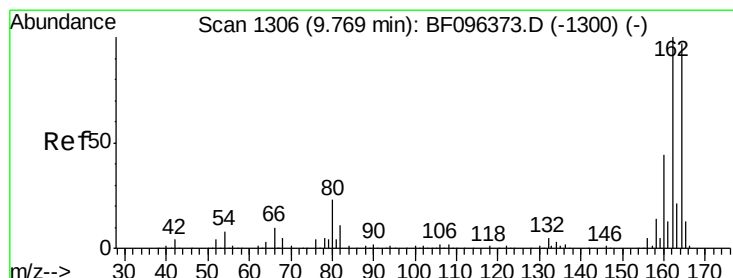
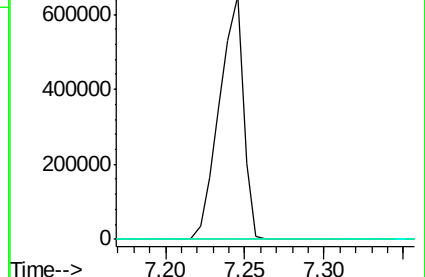
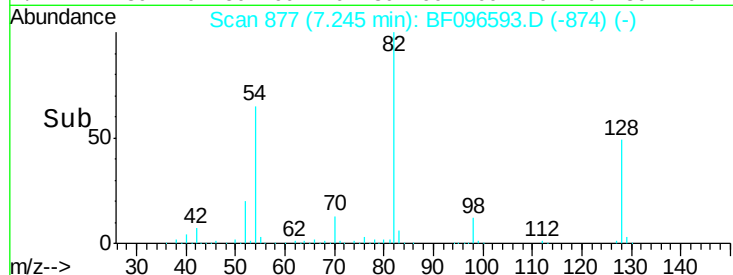
138 0.0 13.1 19.7#



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: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF096593.D

Acq: 10 Jul 2017 11:39

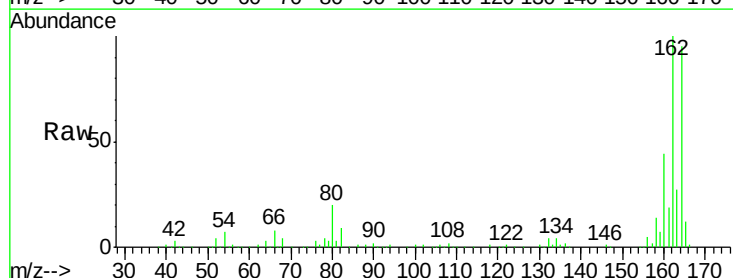
Tgt Ion:164 Resp: 234333

Ion Ratio Lower Upper

164 100

162 104.8 82.6 123.8

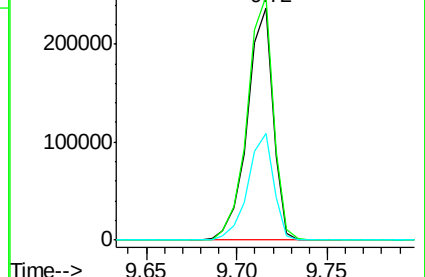
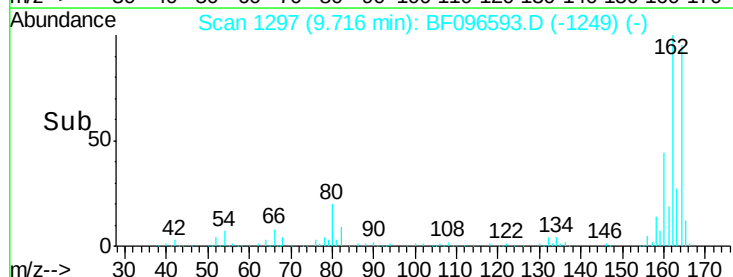
160 45.9 36.2 54.2

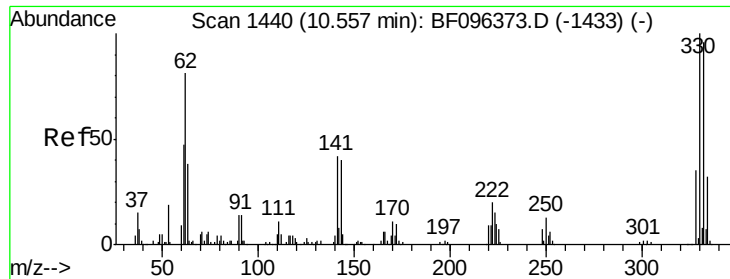


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

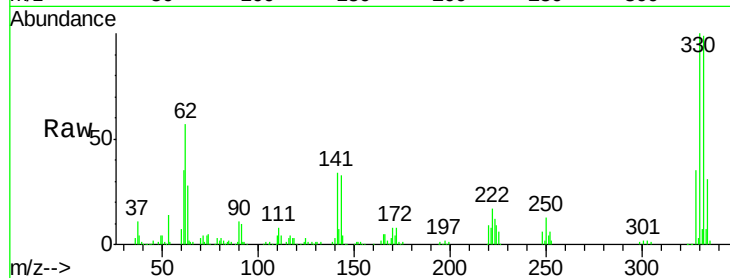




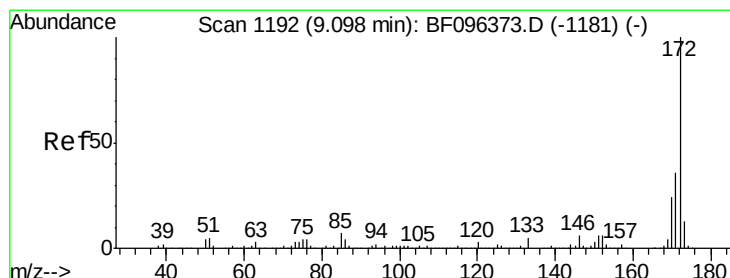
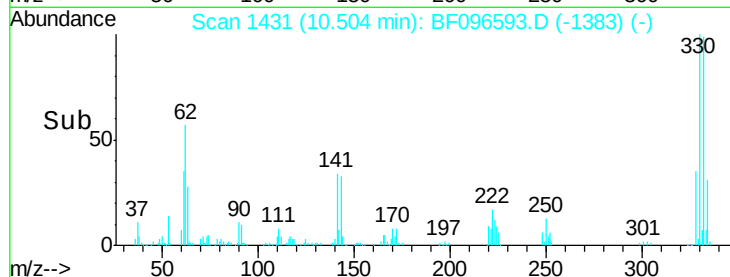
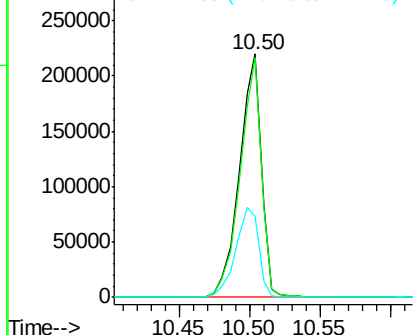
#41
 2,4,6-Tribromophenol
 Concen: 130.43 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF096593.D
 Acq: 10 Jul 2017 11:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 238751
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 38.9 31.4 47.2

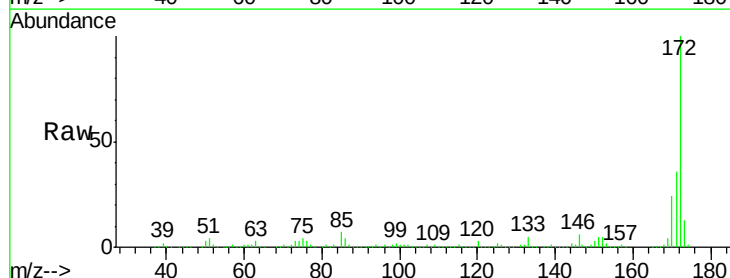


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

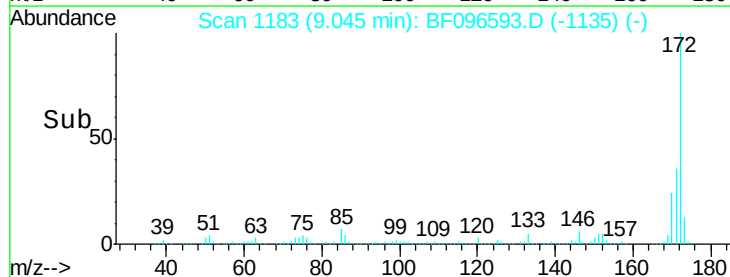
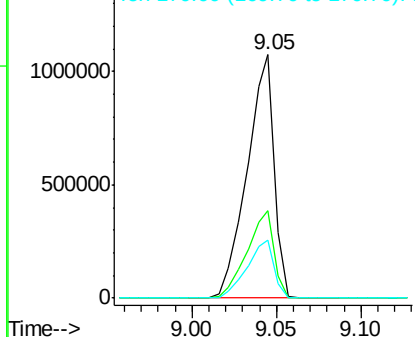


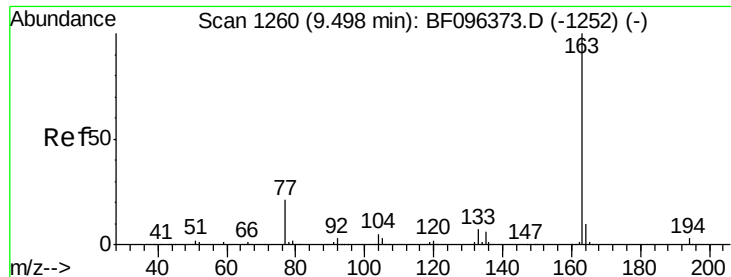
#44
 2-Fluorobiphenyl
 Concen: 87.65 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF096593.D
 Acq: 10 Jul 2017 11:39

Tgt Ion:172 Resp: 1201323
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 24.1 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: 3.97 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.25 min

Lab File: BF096593.D

Acq: 10 Jul 2017 11:39

Instrument :

BNA_F

ClientSampleId :

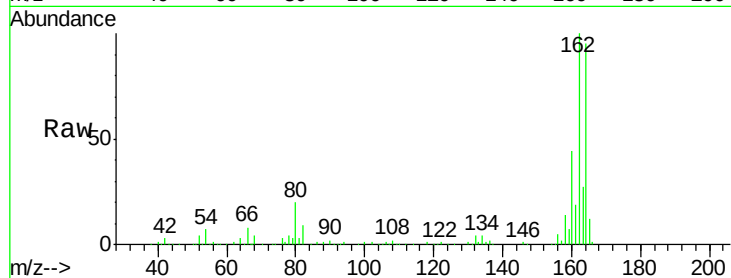
Tot Ion:163 Resp: 69480

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

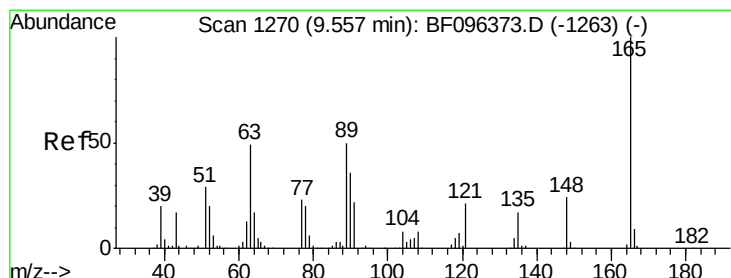
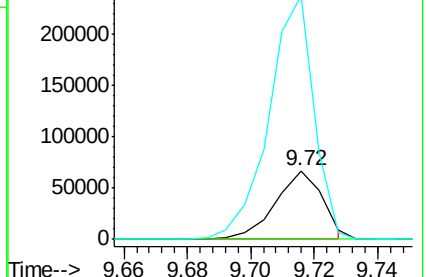
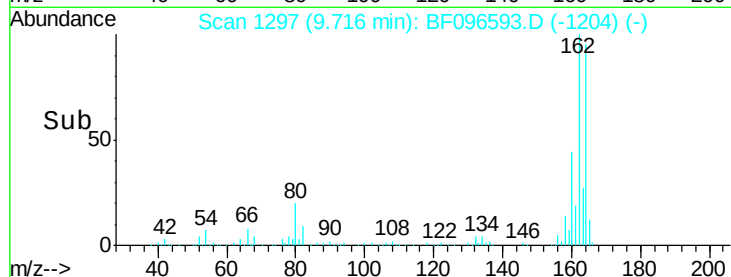
164 353.6 8.4 12.6#



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: 7.63 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.19 min

Lab File: BF096593.D

Acq: 10 Jul 2017 11:39

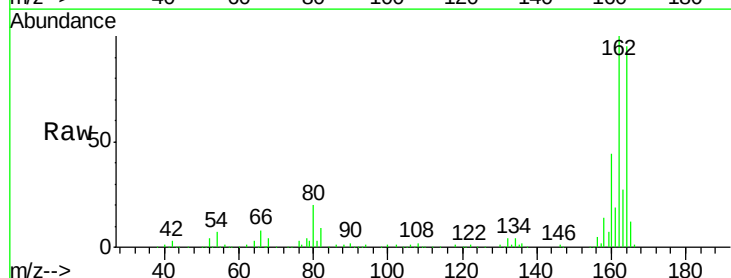
Tgt Ion:165 Resp: 29510

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

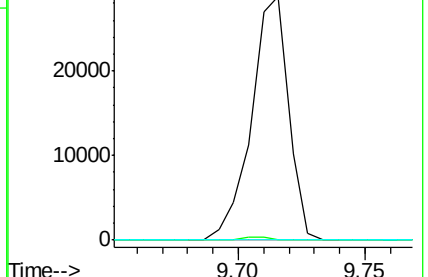
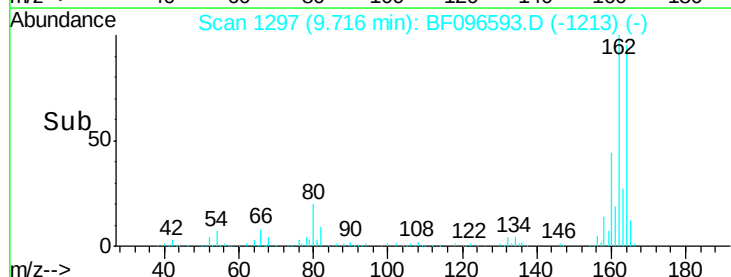
89 0.0 37.1 55.7#

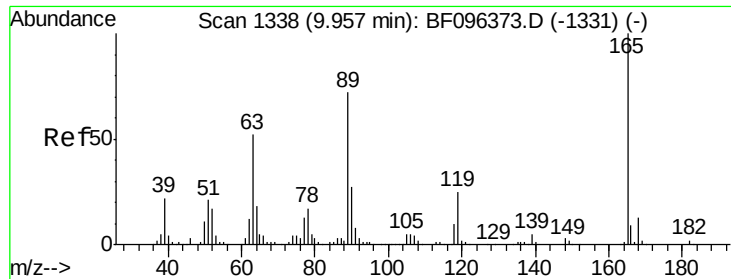


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

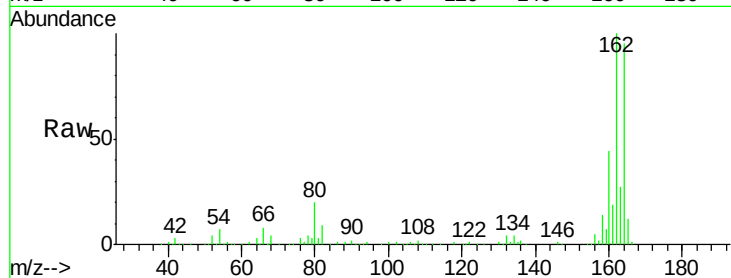




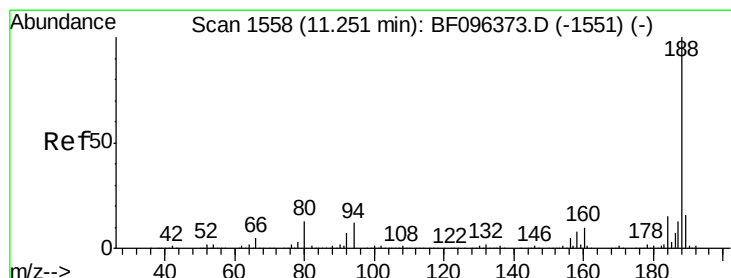
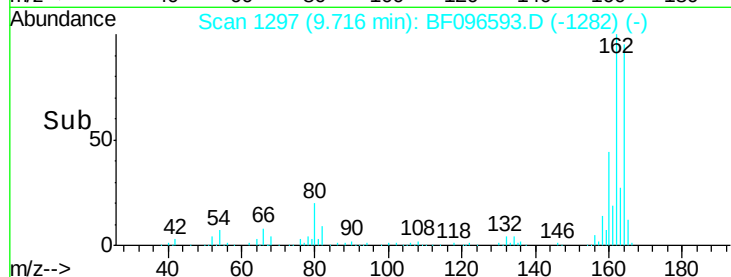
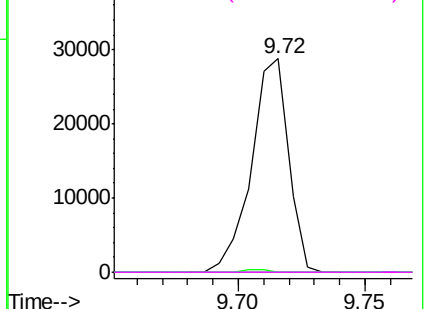
#56
 2,4-Dinitrotoluene
 Concen: 6.02 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.21 min
 Lab File: BF096593.D
 Acq: 10 Jul 2017 11:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	29510
Ion Ratio	Lower	Upper
165	100	
63	0.0	25.4 38.0#
89	0.0	46.4 69.6#
182	0.0	1.8 2.6#

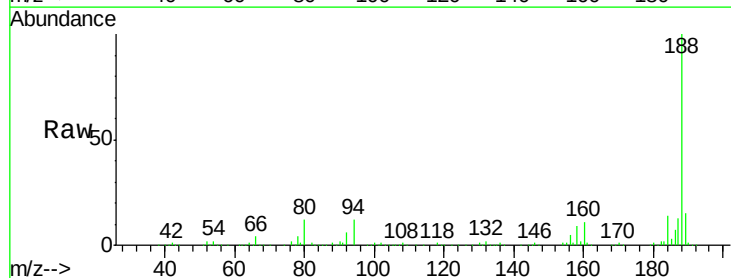


Abundance Ion 165.00 (164.70 to 165.70): E

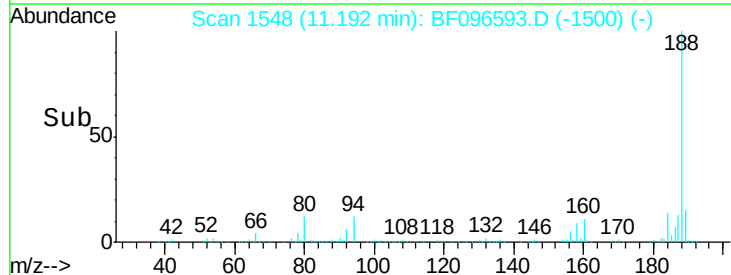
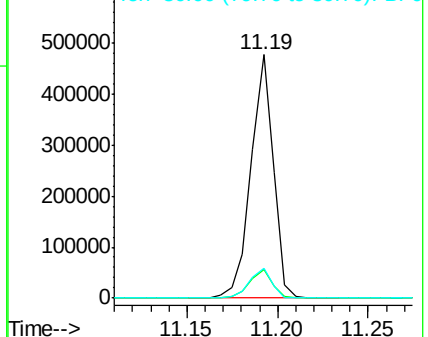


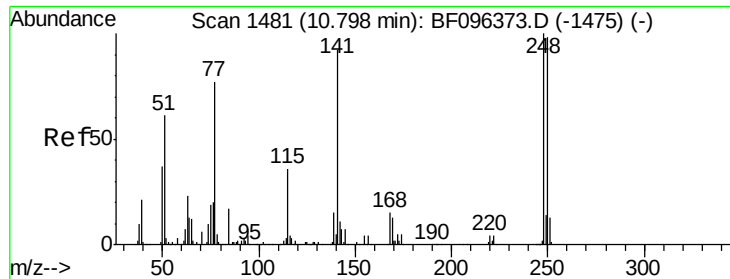
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.02 min
 Lab File: BF096593.D
 Acq: 10 Jul 2017 11:39

Tgt Ion:188	Resp:	411305
Ion Ratio	Lower	Upper
188	100	
94	12.0	9.4 14.2
80	12.3	10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

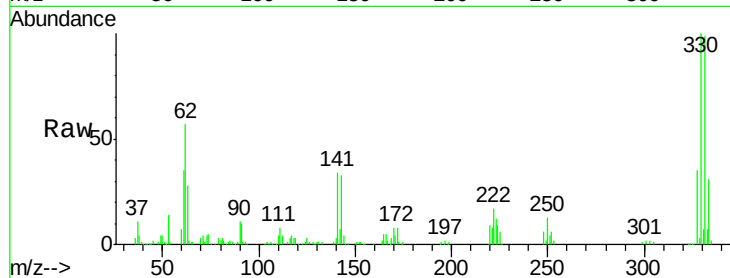




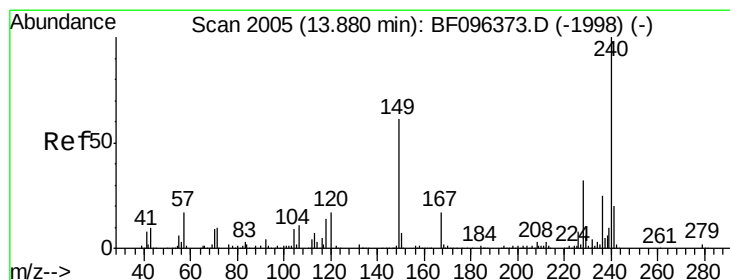
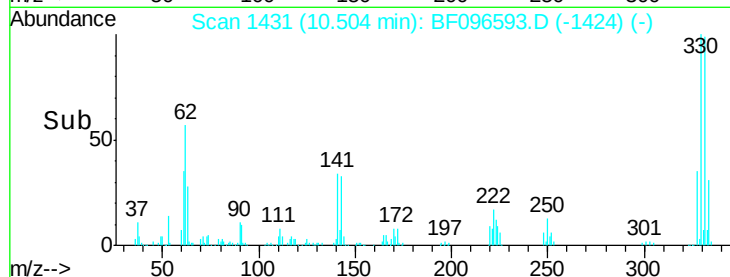
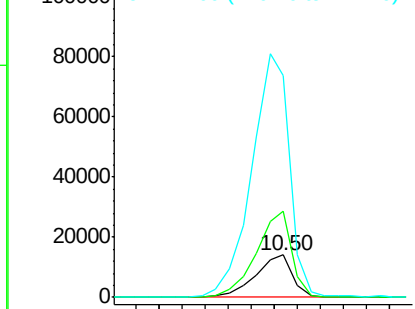
#66
4-Bromophenyl-phenylether
Concen: 3.92 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.26 min
Lab File: BF096593.D
Acq: 10 Jul 2017 11:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 15700
Ion Ratio Lower Upper
248 100
250 202.8 76.8 115.2#
141 523.9 68.6 103.0#

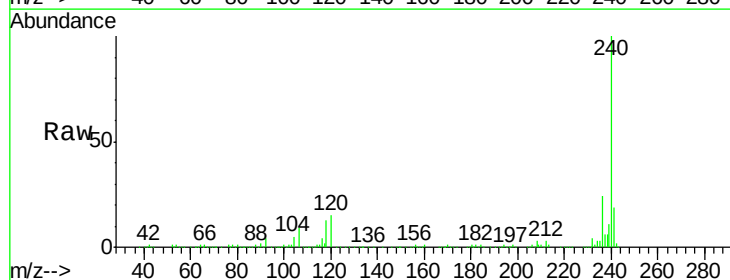


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

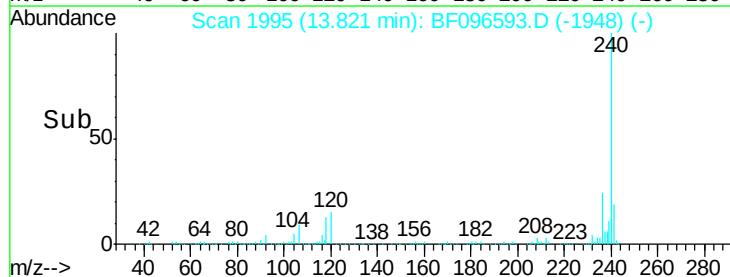
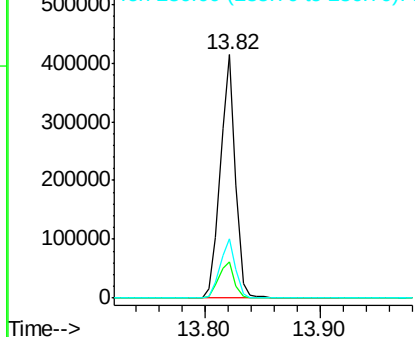


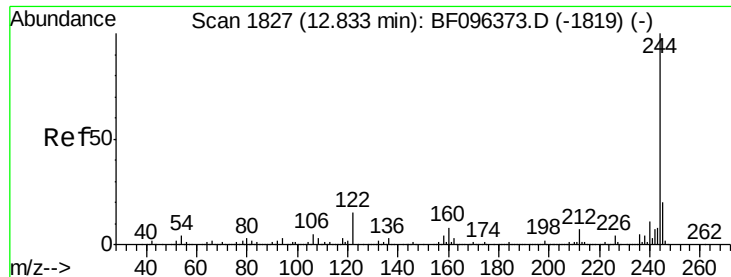
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF096593.D
Acq: 10 Jul 2017 11:39

Tgt Ion:240 Resp: 371058
Ion Ratio Lower Upper
240 100
120 14.8 5.8 8.8#
236 24.3 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

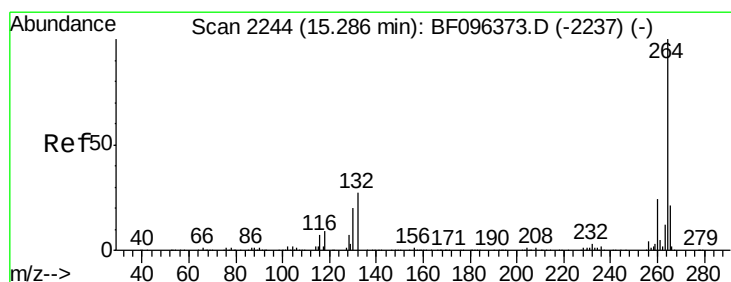
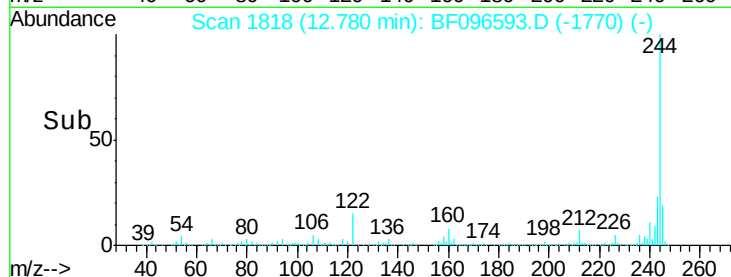
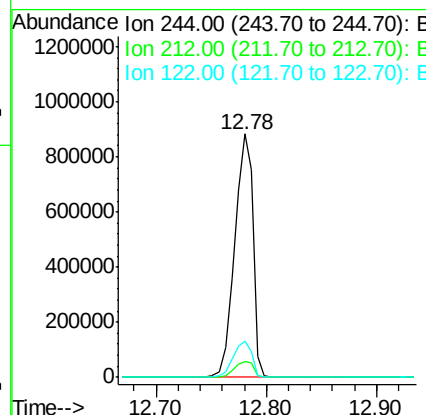
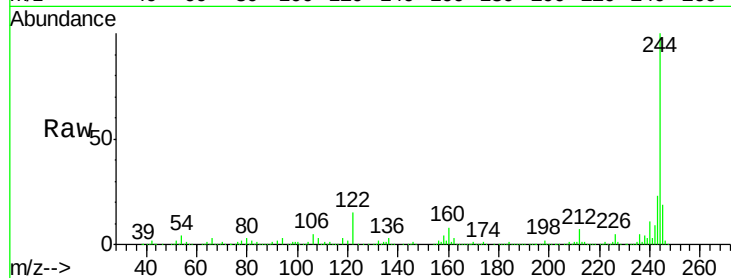




#78
 Terphenyl-d14
 Concen: 59.11 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BF096593.D
 Acq: 10 Jul 2017 11:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1026442
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.0 9.0
 122 14.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 2232
 Delta R.T. -0.03 min
 Lab File: BF096593.D
 Acq: 10 Jul 2017 11:39

Tgt Ion:264 Resp: 280669
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 21.4 17.2 25.8

