

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070617\
 Data File : BF096536.D
 Acq On : 6 Jul 2017 16:35
 Operator : SJ/MA
 Sample : I4036-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 07 01:21:29 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

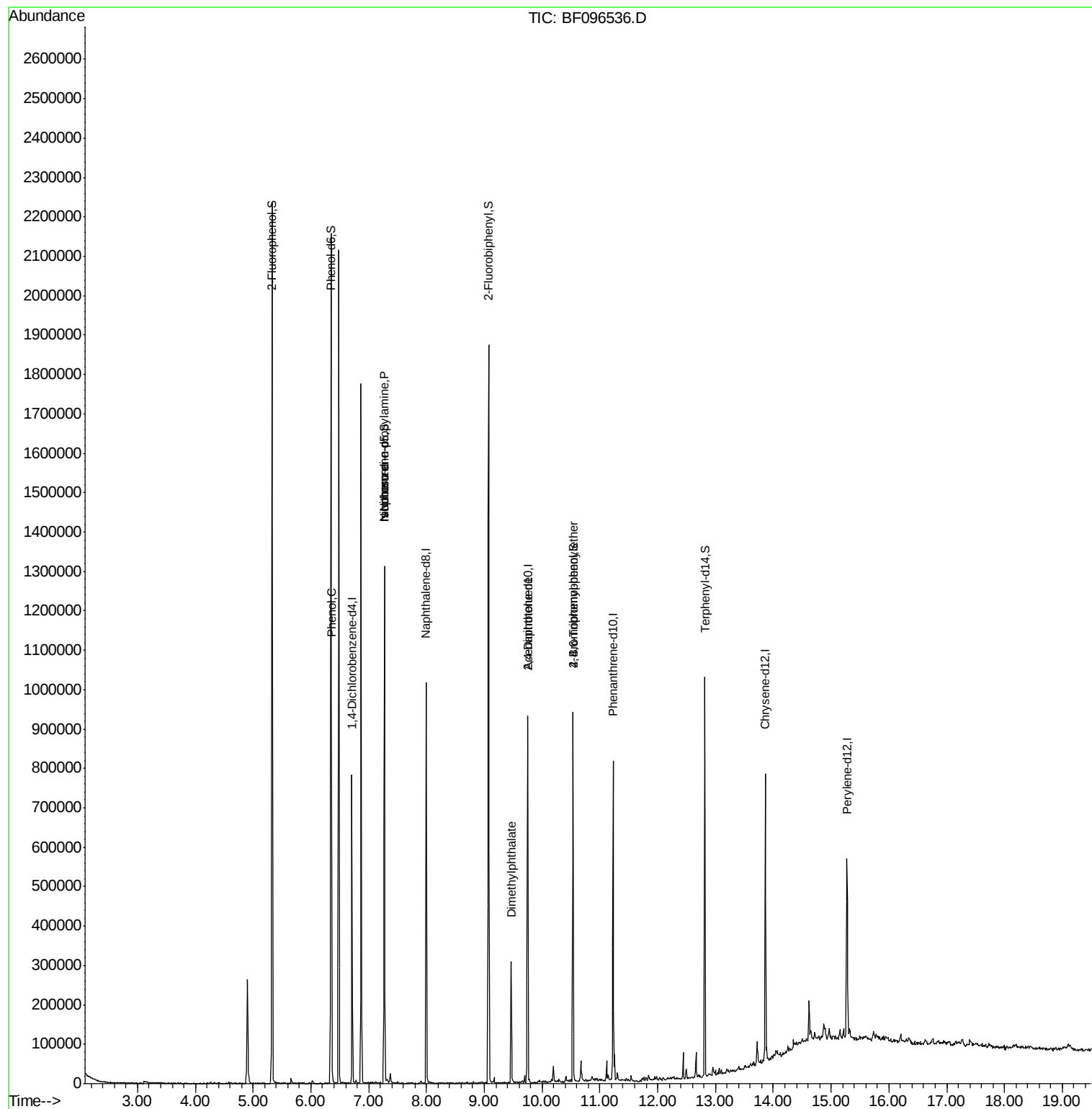
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	120007	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	463755	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	188138	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	294368	20.00	ng	0.00
75) Chrysene-d12	13.86	240	217518	20.00	ng	0.00
86) Perylene-d12	15.27	264	189266	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	600948	73.91	ng	0.00
7) Phenol-d6	6.35	99	695210	69.55	ng	0.00
23) Nitrobenzene-d5	7.27	82	408372	52.91	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	97919	66.63	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	556951	50.61	ng	0.00
78) Terphenyl-d14	12.82	244	288257	28.32	ng	0.00
Target Compounds						
10) Phenol	6.36	94	24531	2.15	ng	93
19) n-Nitroso-di-n-propylamine	7.27	70	54727	9.19	ng	# 87
25) Isophorone	7.27	82	408365	27.29	ng	# 67
49) Dimethylphthalate	9.47	163	132732	9.45	ng	98
56) 2,4-Dinitrotoluene	9.75	165	24457	6.22	ng	# 32
66) 4-Bromophenyl-phenylether	10.53	248	6203	2.16	ng	# 1

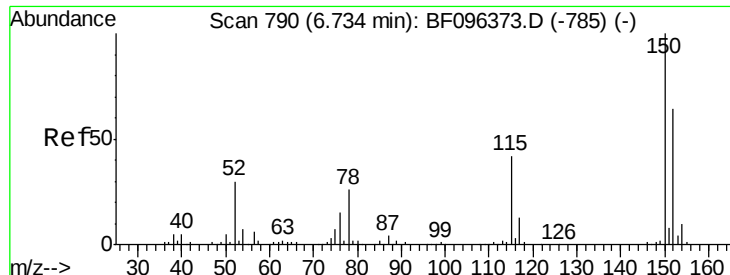
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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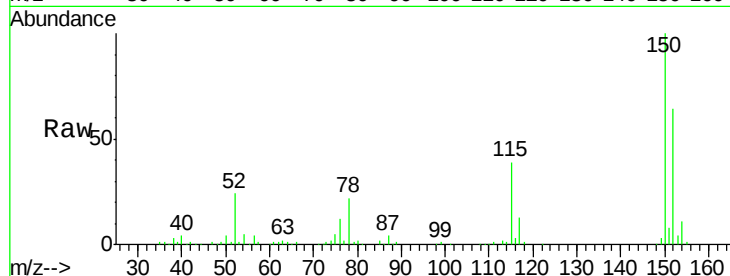


#1

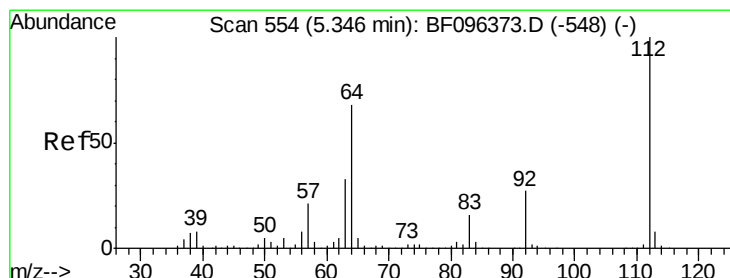
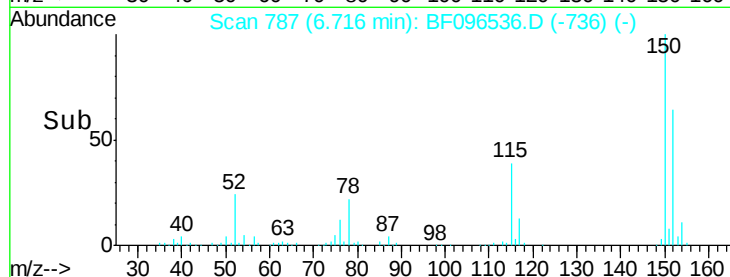
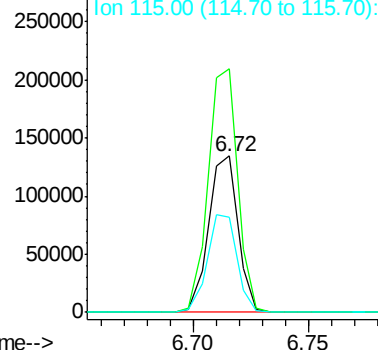
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF096536.D
Acq: 6 Jul 2017 16:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 120007
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.2
115 61.0 52.2 78.2



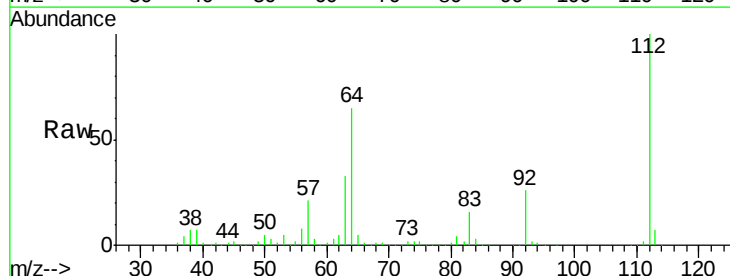
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



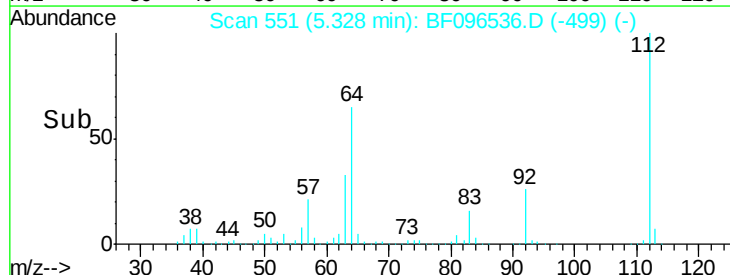
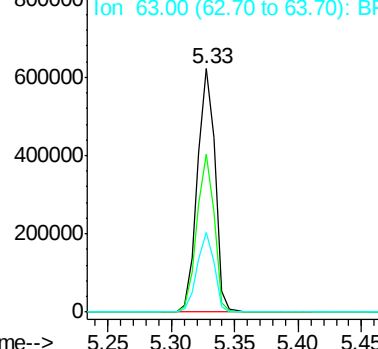
#5

2-Fluorophenol
Concen: 73.91 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF096536.D
Acq: 6 Jul 2017 16:35

Tgt Ion:112 Resp: 600948
Ion Ratio Lower Upper
112 100
64 64.9 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: 69.55 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF096536.D

Acq: 6 Jul 2017 16:35

Instrument :

BNA_F

ClientSampled :

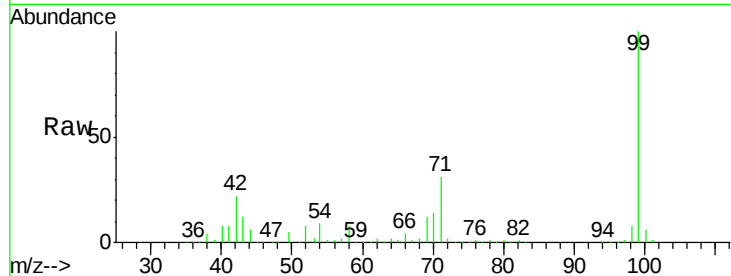
Tot Ion: 99 Resp: 695210

Ion Ratio Lower Upper

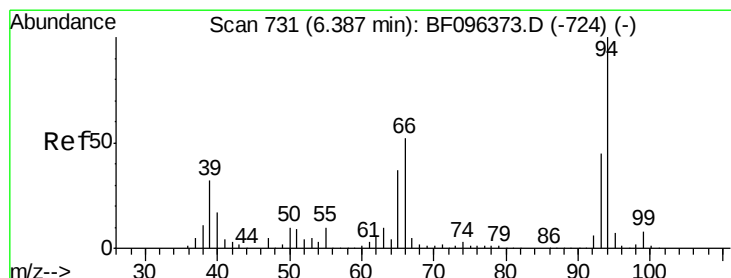
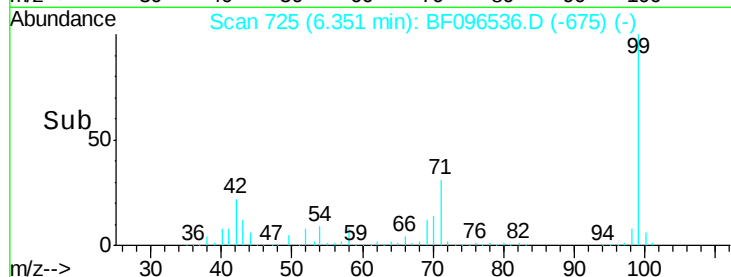
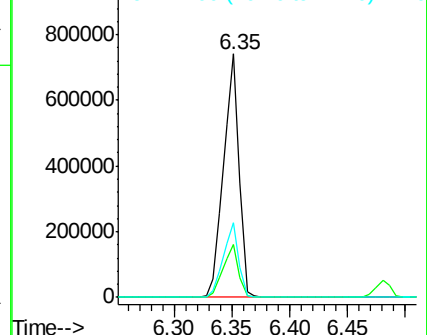
99 100

42 21.8 13.5 20.3#

71 30.9 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



#10

Phenol

Concen: 2.15 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096536.D

Acq: 6 Jul 2017 16:35

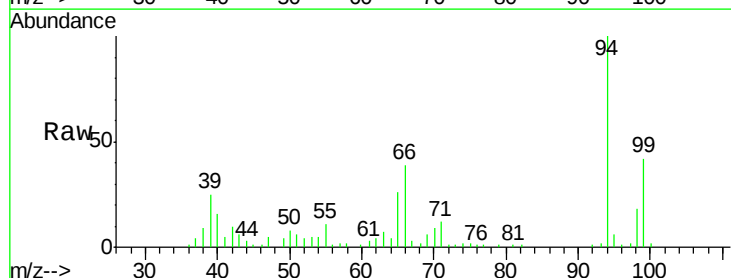
Tgt Ion: 94 Resp: 24531

Ion Ratio Lower Upper

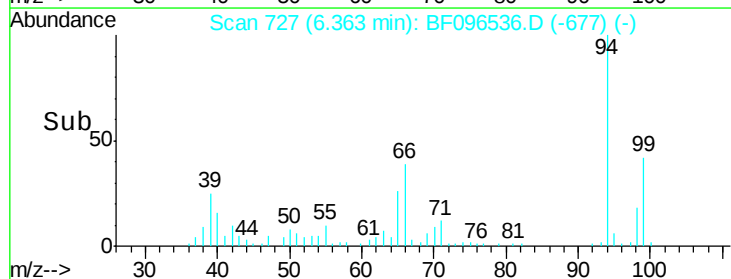
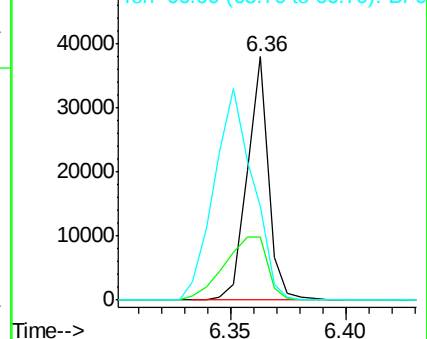
94 100

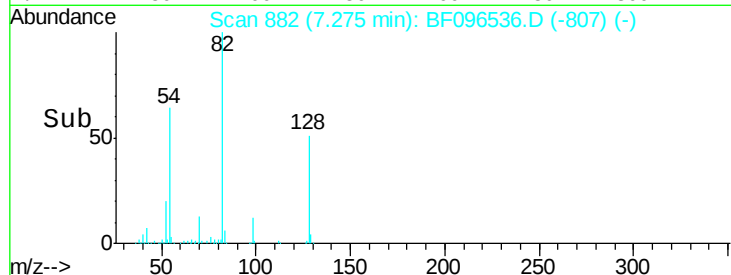
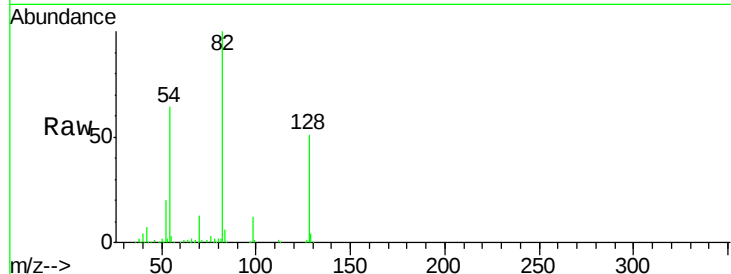
65 25.9 9.9 49.9

66 38.6 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

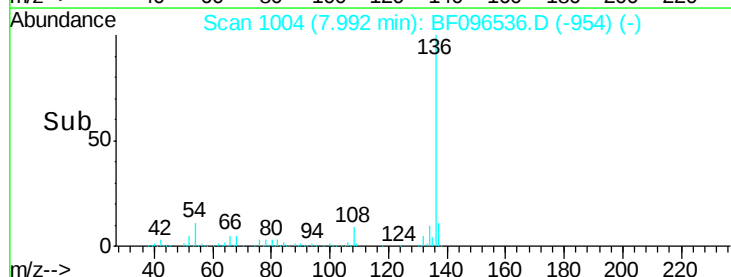
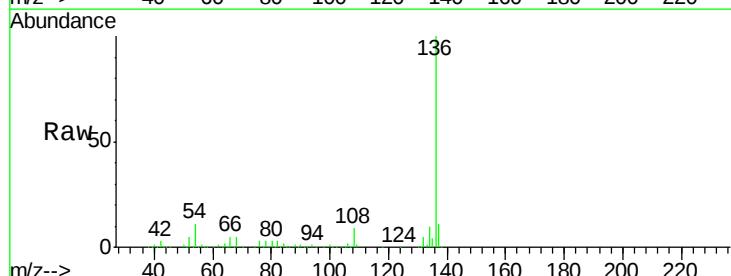
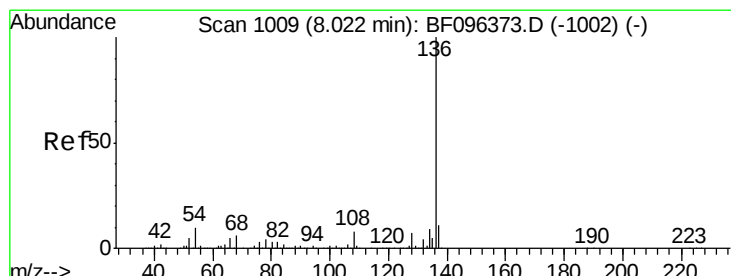
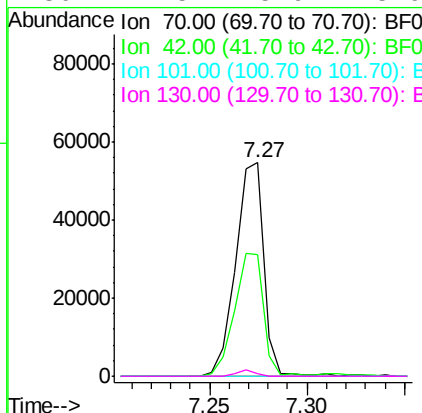




#19
n-Nitroso-di-n-propylamine
Concen: 9.19 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF096536.D
Acq: 6 Jul 2017 16:35

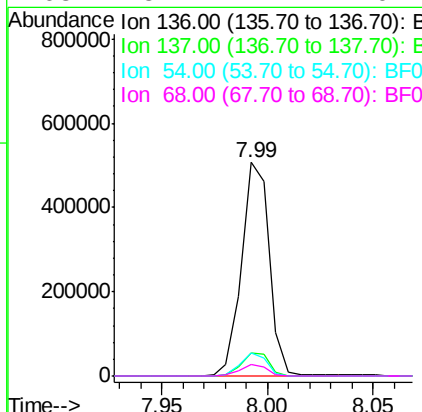
Instrument :
BNA_F
ClientSampled :

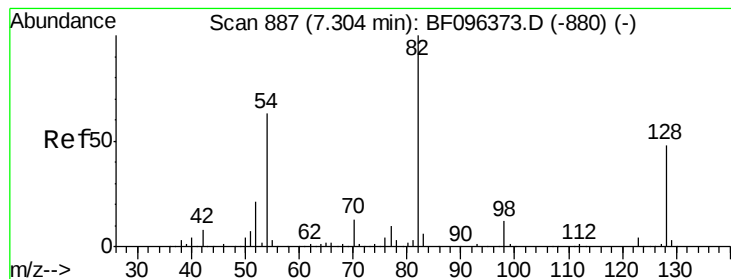
Tot Ion:	70	Resp:	54727
Ion	Ratio	Lower	Upper
70	100		
42	57.0	47.2	70.8
101	0.0	7.2	10.8#
130	1.5	15.9	23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF096536.D
Acq: 6 Jul 2017 16:35

Tgt Ion:	136	Resp:	463755
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.6	4.9	7.3#
68	5.2	4.1	6.1





#23

Nitrobenzene-d5

Concen: 52.91 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF096536.D

Acq: 6 Jul 2017 16:35

Instrument :

BNA_F

ClientSampleId :

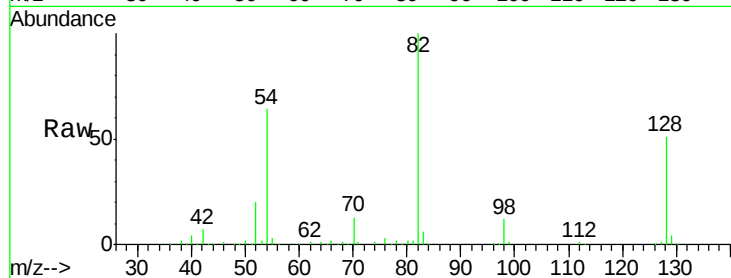
Tot Ion: 82 Resp: 408372

Ion Ratio Lower Upper

82 100

128 50.6 34.0 51.0

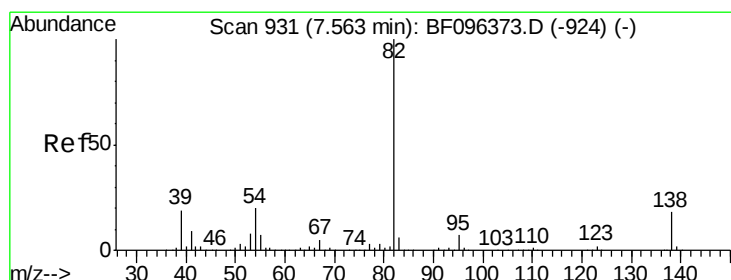
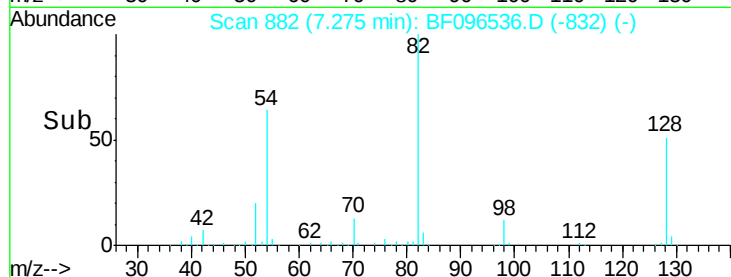
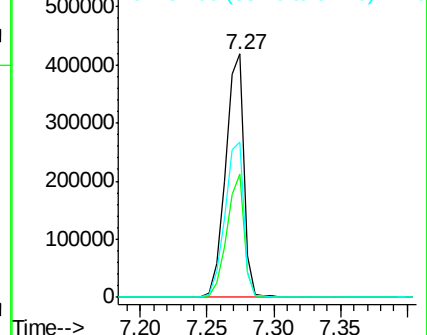
54 63.8 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 27.29 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF096536.D

Acq: 6 Jul 2017 16:35

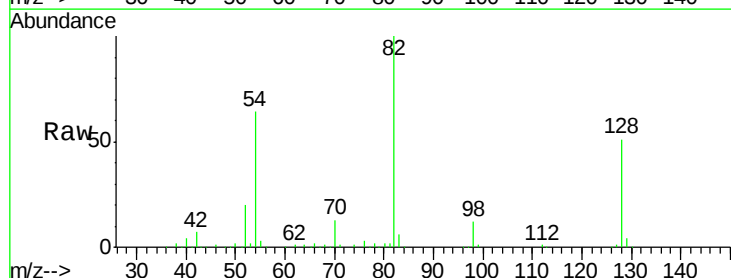
Tgt Ion: 82 Resp: 408365

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

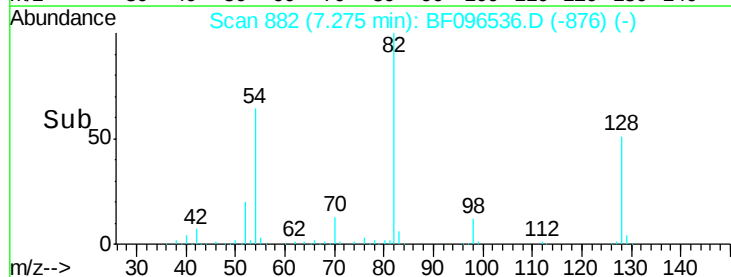
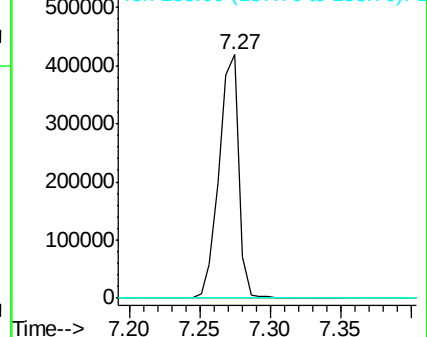
138 0.0 13.1 19.7#

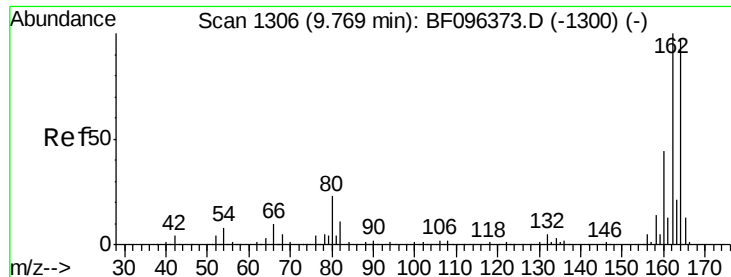


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

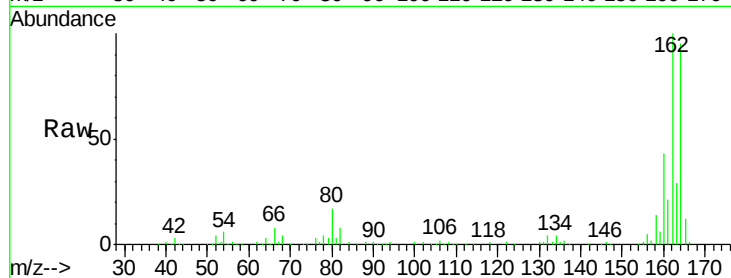




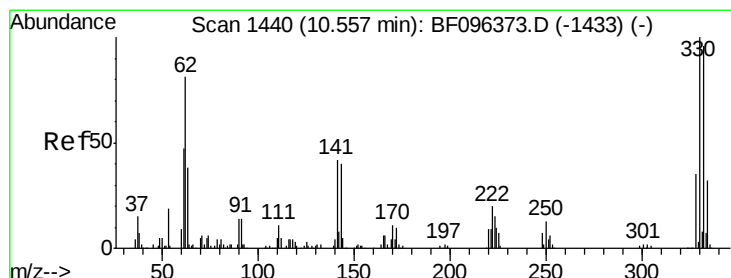
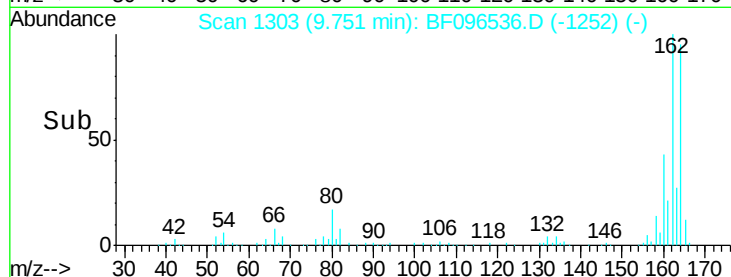
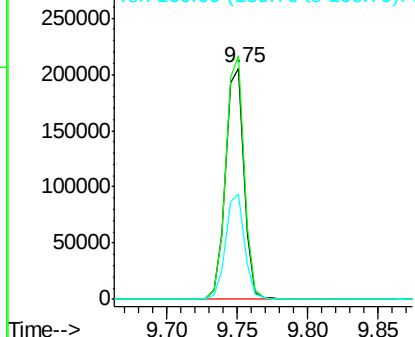
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF096536.D
 Acq: 6 Jul 2017 16:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 188138
 Ion Ratio Lower Upper
 164 100
 162 105.4 82.6 123.8
 160 45.8 36.2 54.2

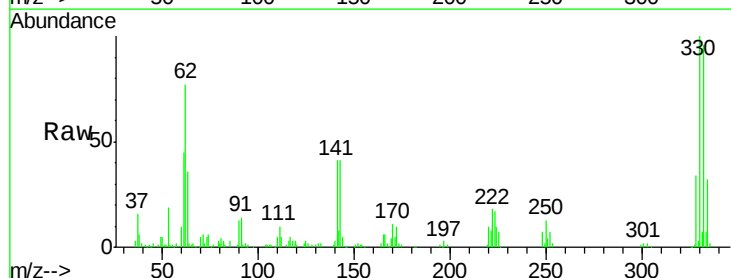


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

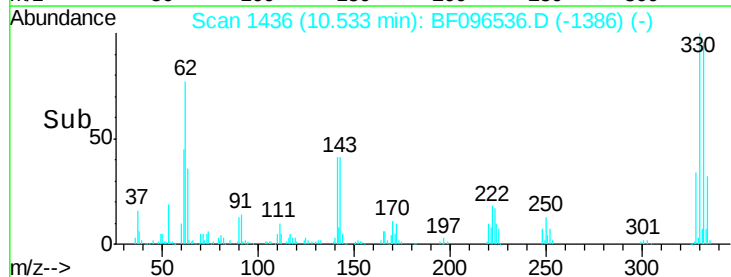
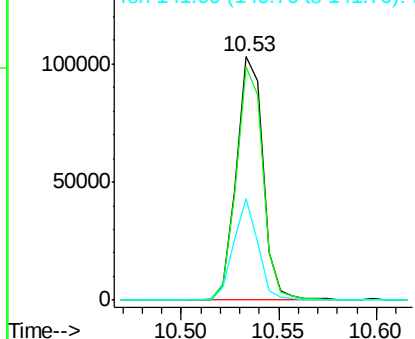


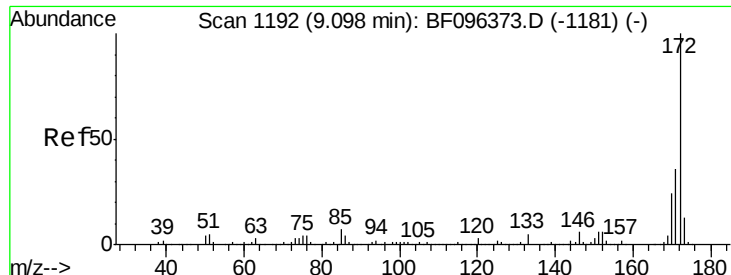
#41
 2,4,6-Tribromophenol
 Concen: 66.63 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF096536.D
 Acq: 6 Jul 2017 16:35

Tgt Ion:330 Resp: 97919
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 37.8 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

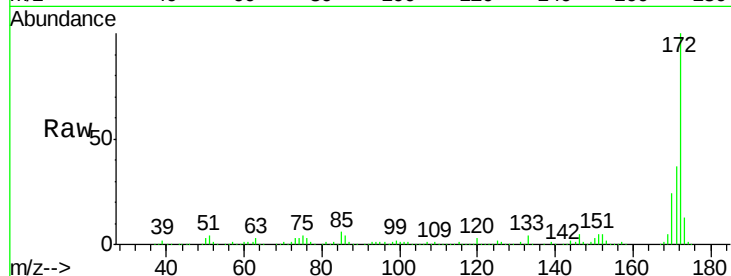




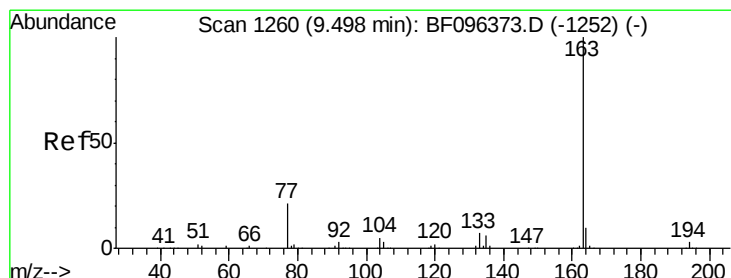
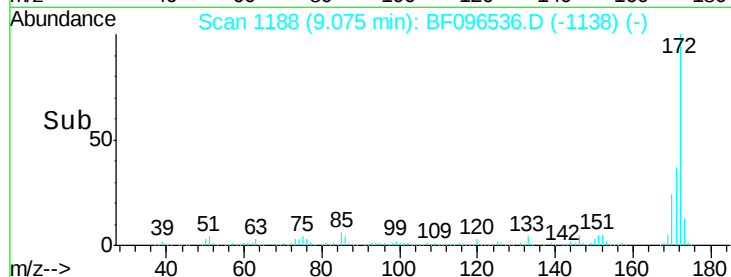
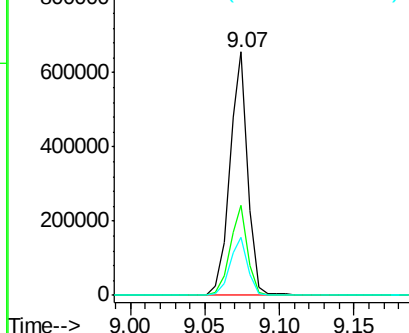
#44
2-Fluorobiphenyl
Concen: 50.61 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF096536.D
Acq: 6 Jul 2017 16:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 556951
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 23.9 19.8 29.8

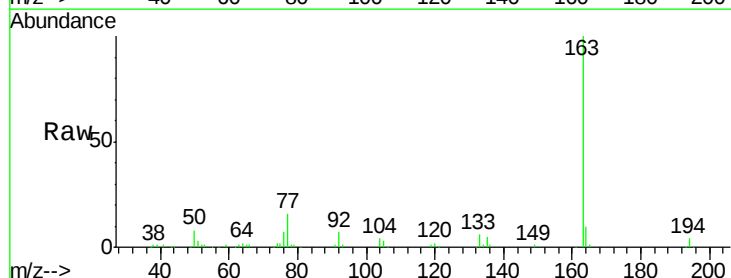


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

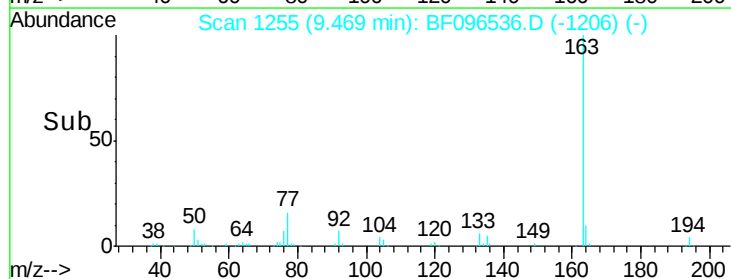
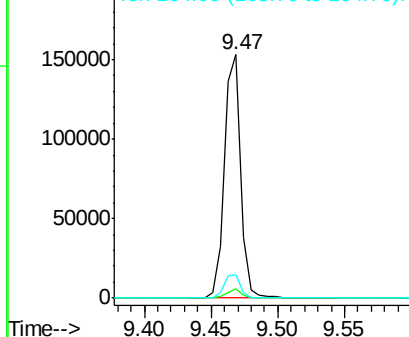


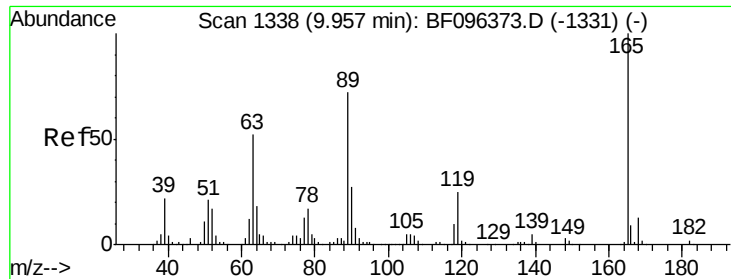
#49
Dimethylphthalate
Concen: 9.45 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF096536.D
Acq: 6 Jul 2017 16:35

Tgt Ion:163 Resp: 132732
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 9.8 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

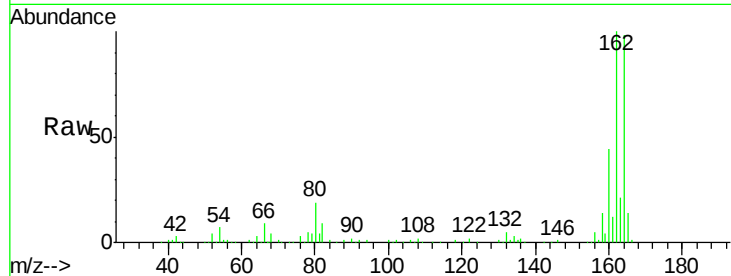




#56
 2,4-Dinitrotoluene
 Concen: 6.22 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.19 min
 Lab File: BF096536.D
 Acq: 6 Jul 2017 16:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	24457
Ion Ratio	Lower	Upper
165	100	
63	1.5	25.4 38.0#
89	0.0	46.4 69.6#
182	0.0	1.8 2.6#

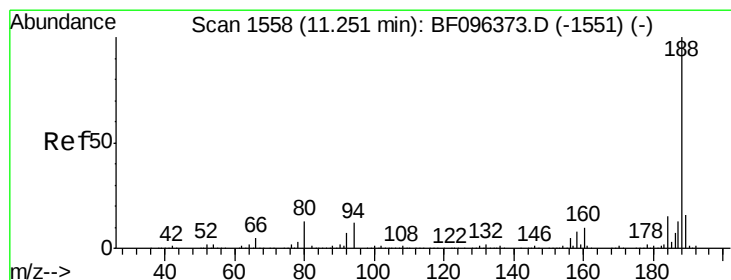
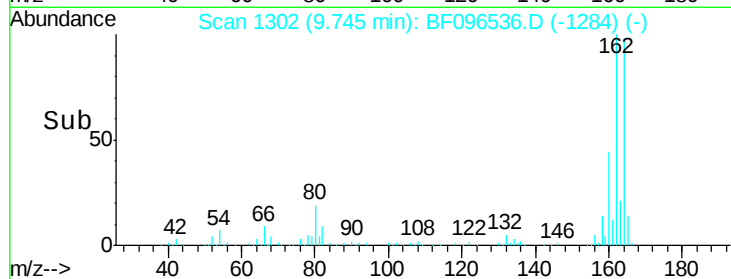
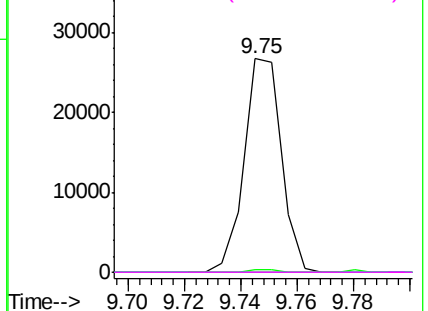


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

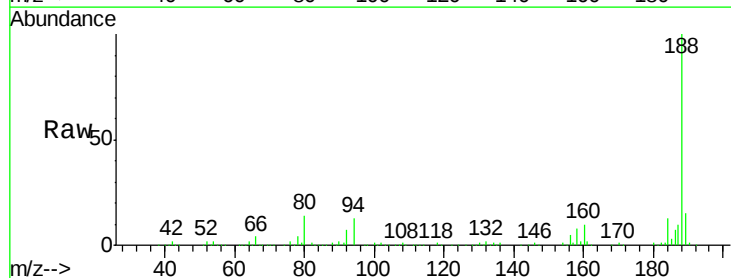
Ion 89.00 (88.70 to 89.70): BF0

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: BF096536.D
 Acq: 6 Jul 2017 16:35

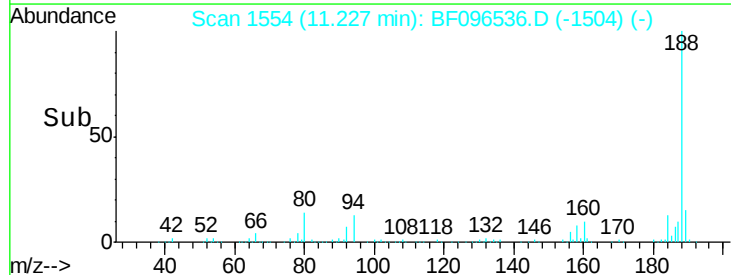
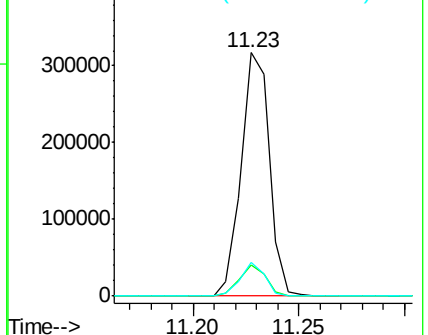
Tgt Ion:188	Resp:	294368
Ion Ratio	Lower	Upper
188	100	
94	12.6	9.4 14.2
80	13.8	10.2 15.2

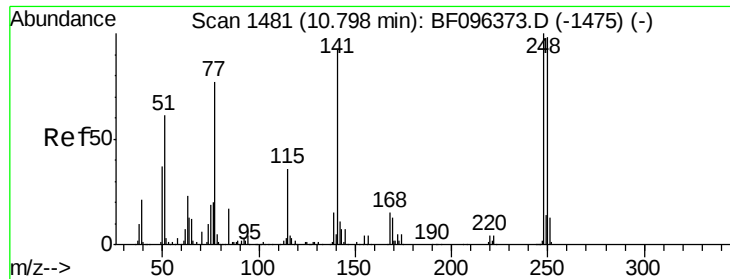


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

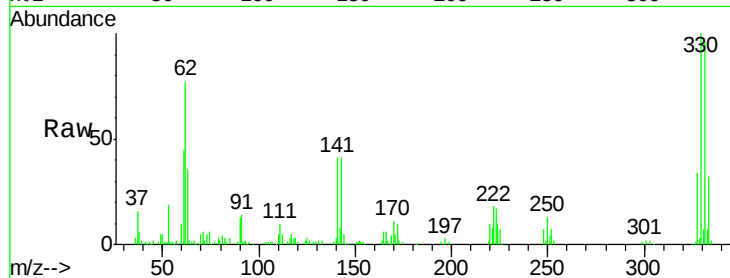




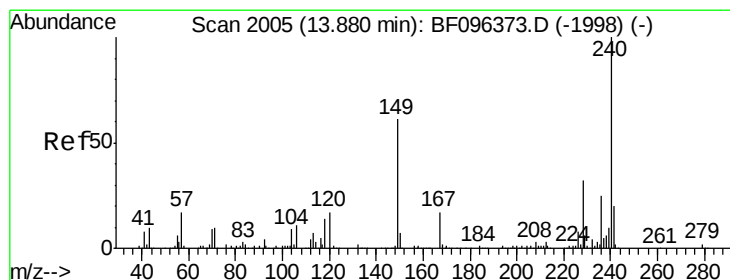
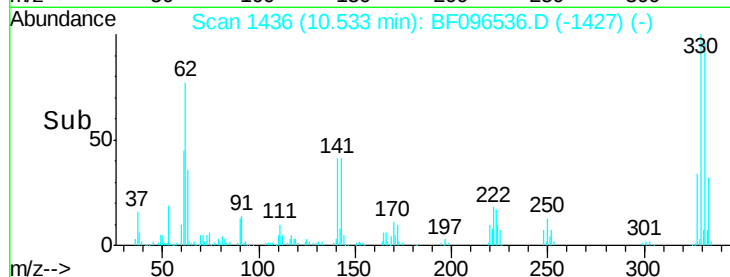
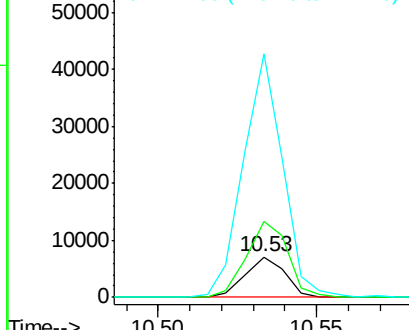
#66
4-Bromophenyl-phenylether
Concen: 2.16 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF096536.D
Acq: 6 Jul 2017 16:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 6203
Ion Ratio Lower Upper
248 100
250 187.9 76.8 115.2#
141 603.8 68.6 103.0#

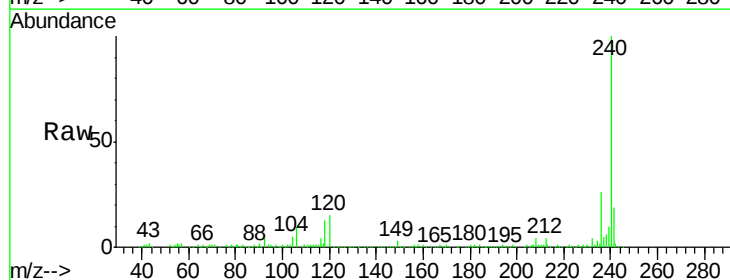


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

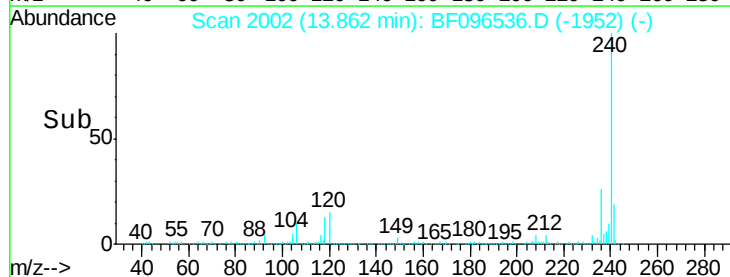
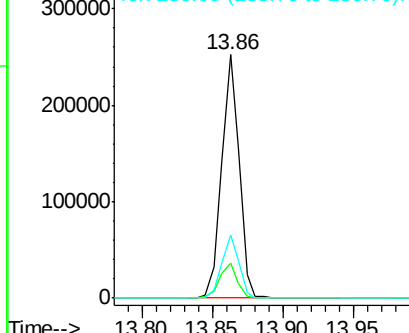


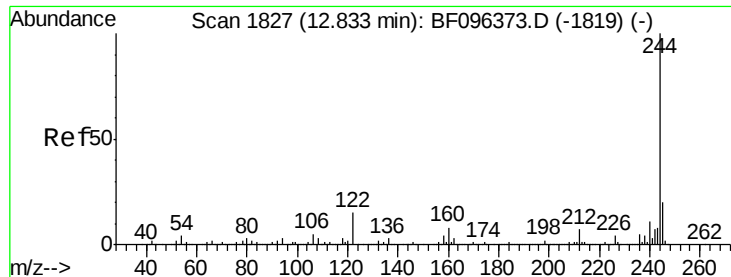
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF096536.D
Acq: 6 Jul 2017 16:35

Tgt Ion:240 Resp: 217518
Ion Ratio Lower Upper
240 100
120 14.6 5.8 8.8#
236 26.1 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

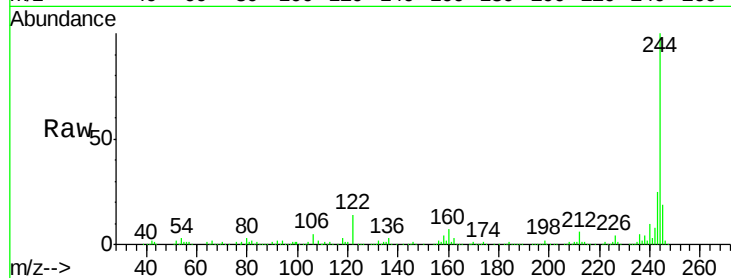




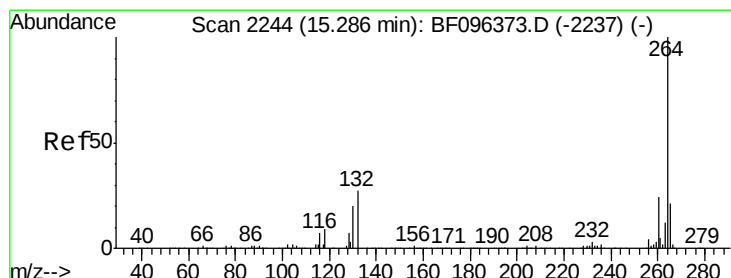
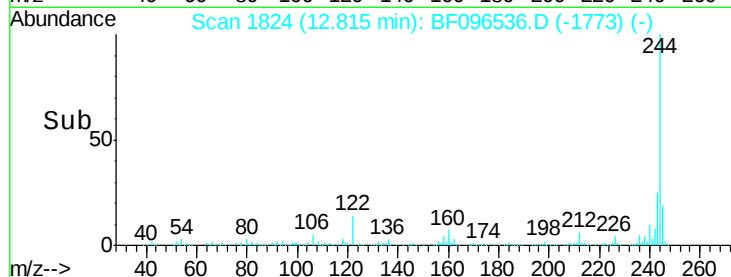
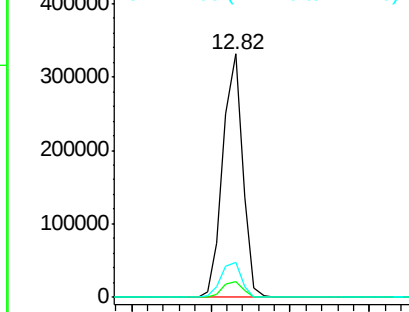
#78
 Terphenyl-d14
 Concen: 28.32 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BF096536.D
 Acq: 6 Jul 2017 16:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 288257
 Ion Ratio Lower Upper
 244 100
 212 6.3 6.0 9.0
 122 14.2 10.3 15.5

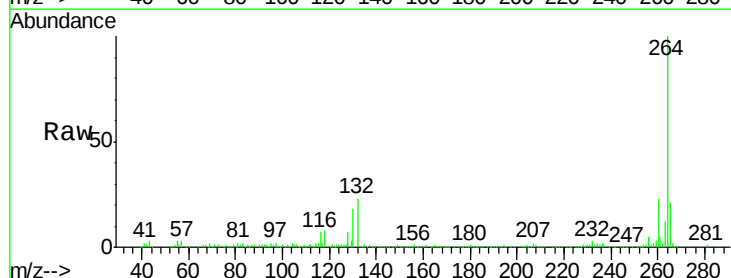


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: BF096536.D
 Acq: 6 Jul 2017 16:35

Tgt Ion:264 Resp: 189266
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 20.9 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

