

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071417\
 Data File : BF096803.D
 Acq On : 15 Jul 2017 5:58
 Operator : SJ/JU
 Sample : I4159-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 15 06:37:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

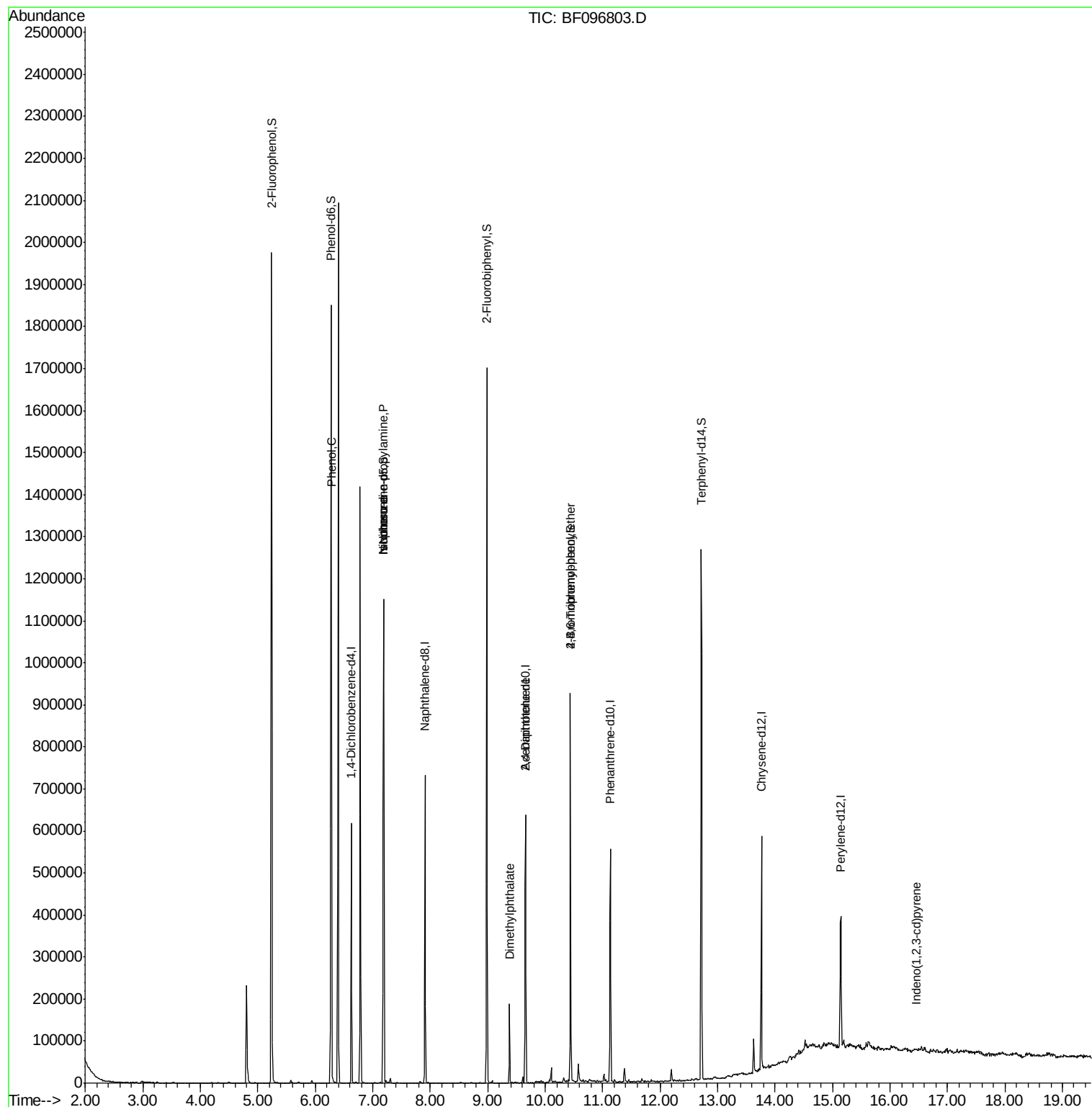
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	88154	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	329557	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	117289	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	185063	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	187655	20.00	ng	-0.01
86) Perylene-d12	15.14	264	129455	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	541328	92.33	ng	0.00
7) Phenol-d6	6.27	99	636679	90.49	ng	0.00
23) Nitrobenzene-d5	7.19	82	347343	65.28	ng	-0.02
41) 2,4,6-Tribromophenol	10.44	330	94795	94.69	ng	-0.02
44) 2-Fluorobiphenyl	8.99	172	507304	68.34	ng	-0.01
78) Terphenyl-d14	12.72	244	372520	34.43	ng	-0.02
Target Compounds						
10) Phenol	6.29	94	20199	2.54	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	7.19	70	46315	10.93	ng	# 88
25) Isophorone	7.19	82	342088	34.56	ng	# 67
49) Dimethylphthalate	9.38	163	76820	8.70	ng	99
56) 2,4-Dinitrotoluene	9.66	165	15184	6.18	ng	# 31
66) 4-Bromophenyl-phenylether	10.44	248	6119	3.24	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.45	276	157	3.34	ng	# 33

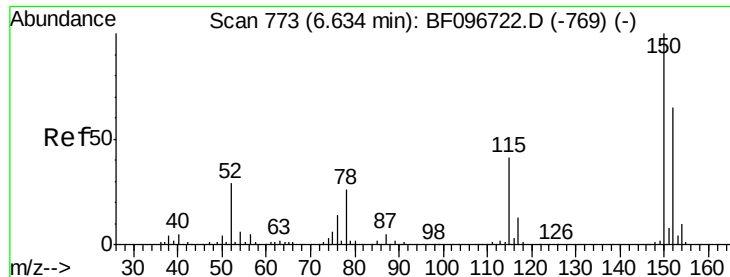
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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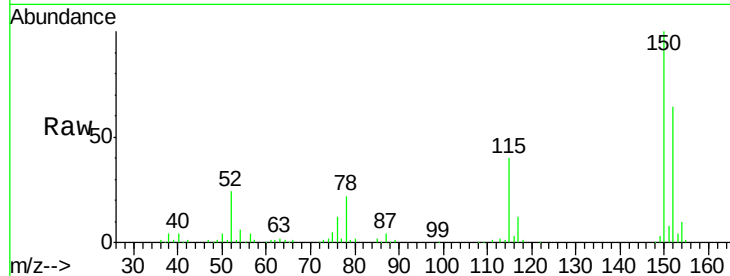


#1

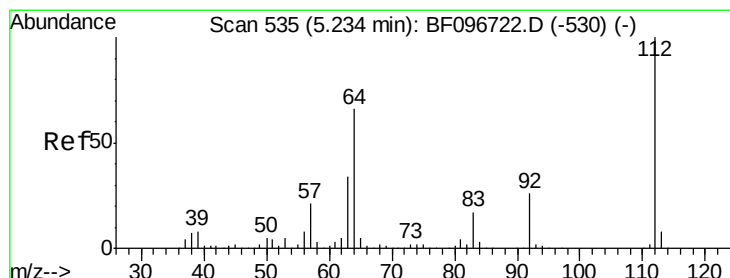
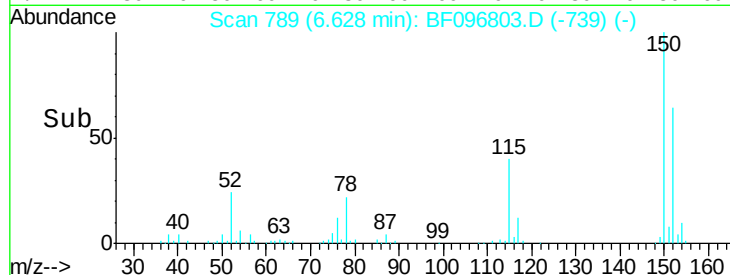
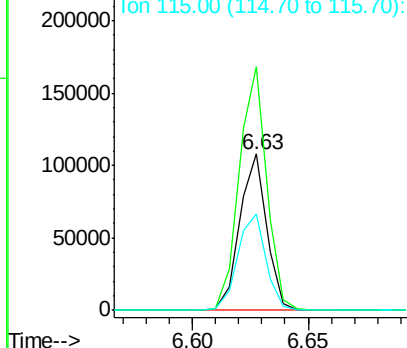
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF096803.D
Acq: 15 Jul 2017 5:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 88154
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.2
115 61.9 52.2 78.2



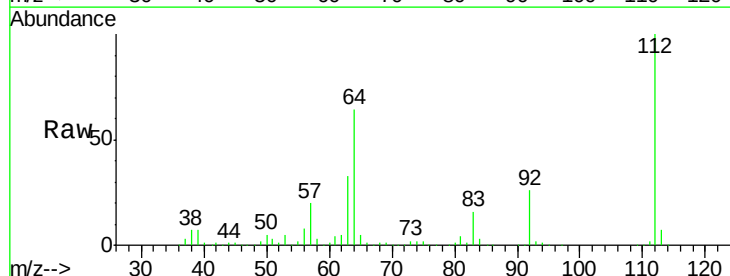
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



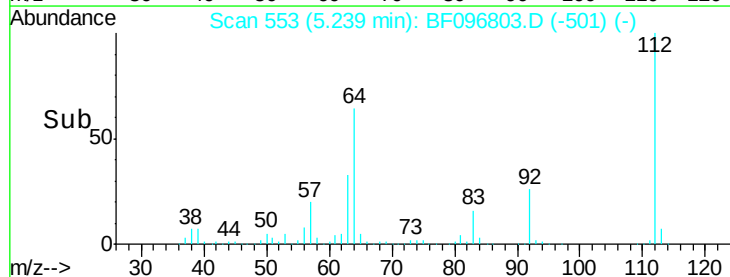
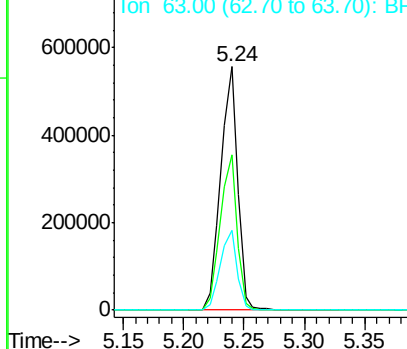
#5

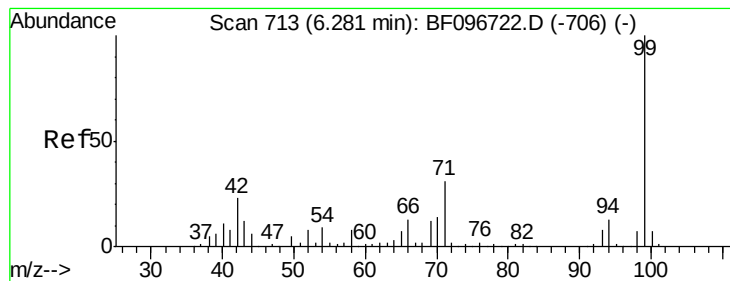
2-Fluorophenol
Concen: 92.33 ng
RT: 5.24 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF096803.D
Acq: 15 Jul 2017 5:58

Tgt Ion:112 Resp: 541328
Ion Ratio Lower Upper
112 100
64 63.9 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: 90.49 ng

RT: 6.27 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF096803.D

Acq: 15 Jul 2017 5:58

Instrument :

BNA_F

ClientSampleId :

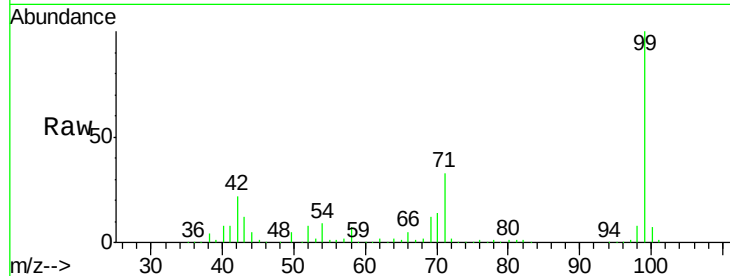
Tot Ion: 99 Resp: 636679

Ion Ratio Lower Upper

99 100

42 22.2 13.5 20.3#

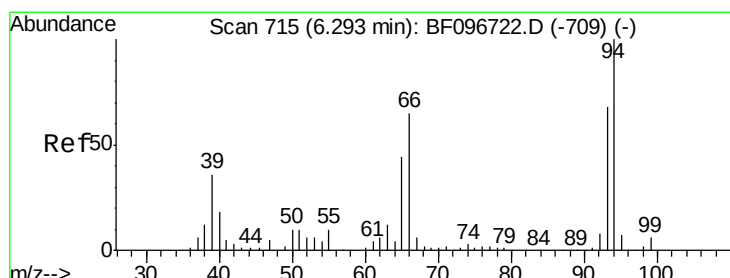
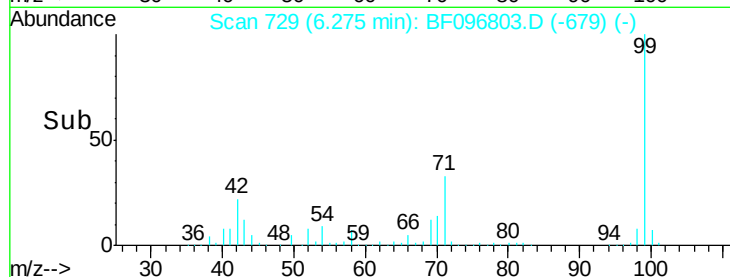
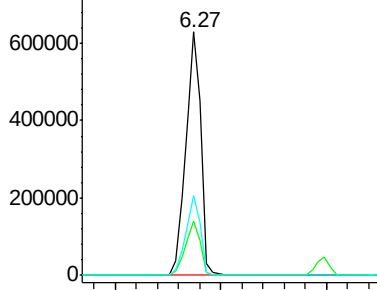
71 32.8 24.5 36.7



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



#10

Phenol

Concen: 2.54 ng

RT: 6.29 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF096803.D

Acq: 15 Jul 2017 5:58

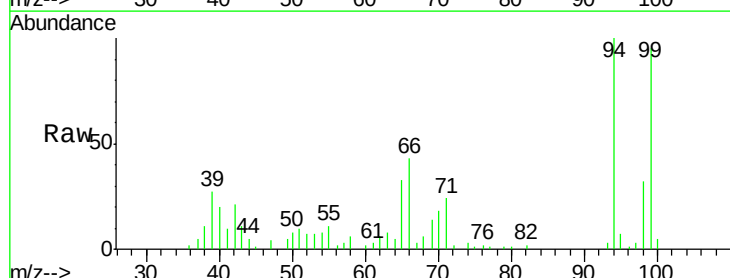
Tgt Ion: 94 Resp: 20199

Ion Ratio Lower Upper

94 100

65 33.1 9.9 49.9

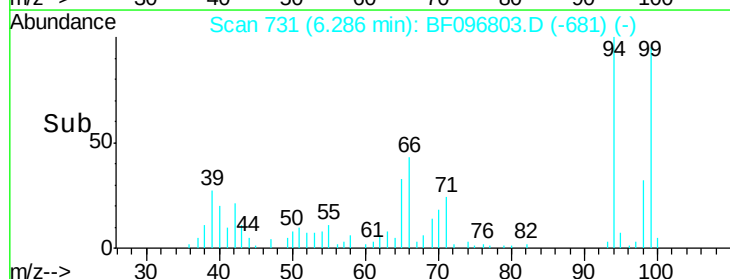
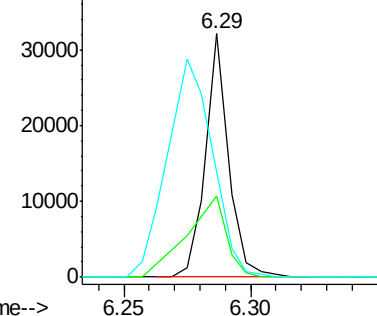
66 43.4 23.1 63.1

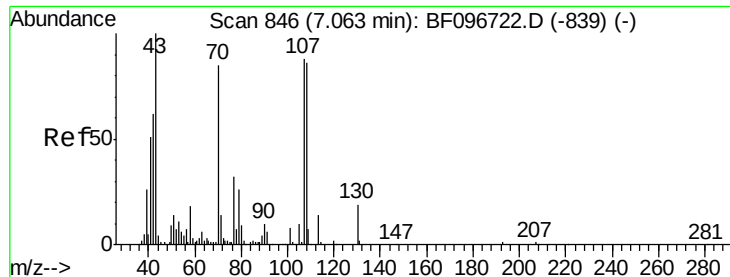


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

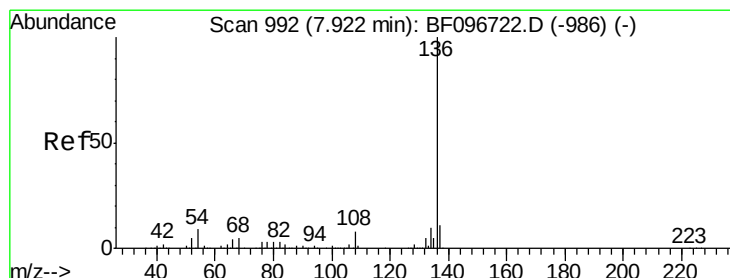
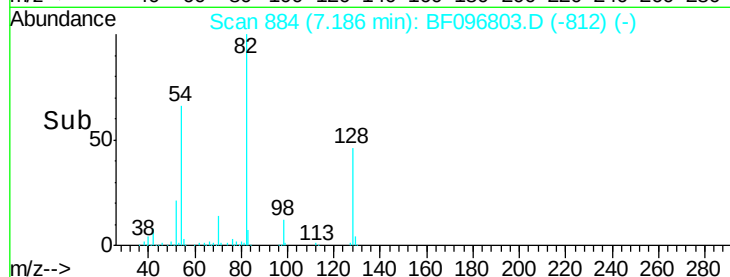
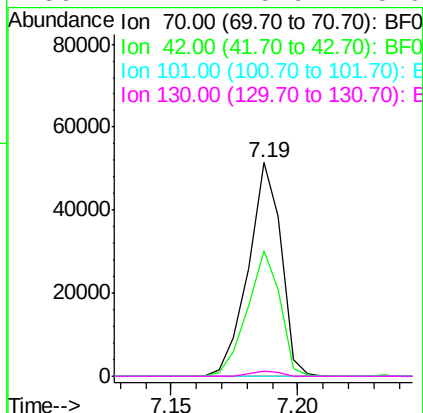
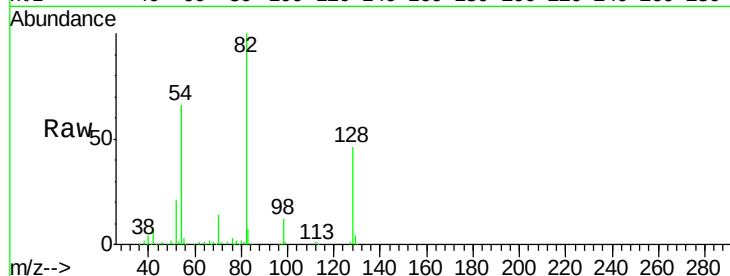




#19
n-Nitroso-di-n-propylamine
Concen: 10.93 ng
RT: 7.19 min Scan# 884
Delta R.T. 0.12 min
Lab File: BF096803.D
Acq: 15 Jul 2017 5:58

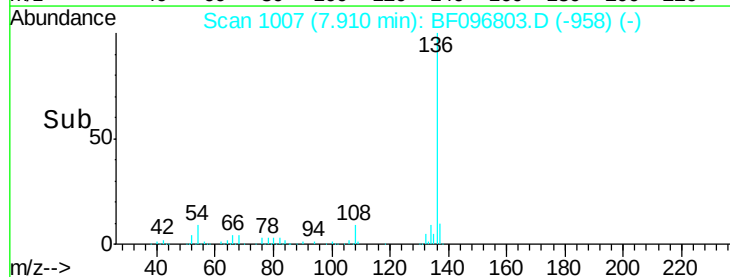
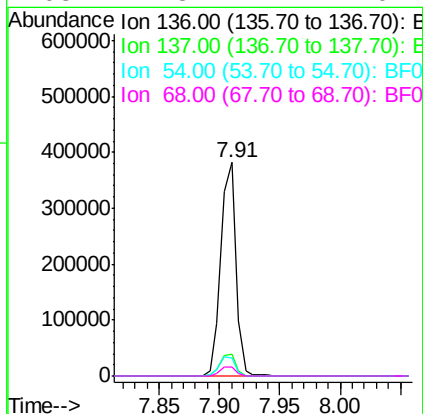
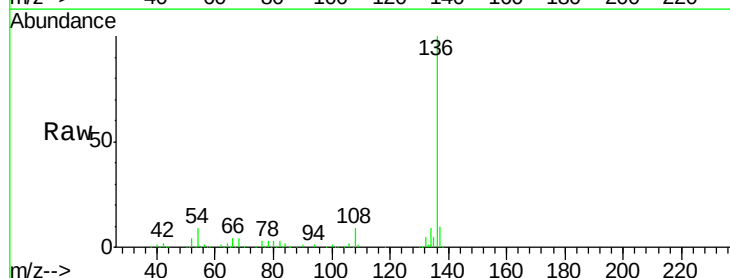
Instrument :
BNA_F
ClientSampleId :

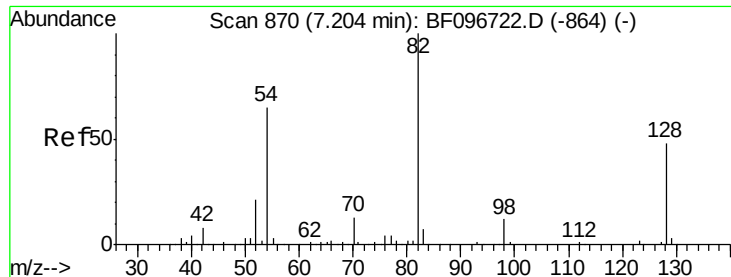
Tot Ion	Ratio	Lower	Upper
70	100		
42	58.5	47.2	70.8
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF096803.D
Acq: 15 Jul 2017 5:58

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	8.6	4.9	7.3#
68	4.3	4.1	6.1





#23

Nitrobenzene-d5

Concen: 65.28 ng

RT: 7.19 min Scan# 884

Delta R.T. -0.02 min

Lab File: BF096803.D

Acq: 15 Jul 2017 5:58

Instrument :

BNA_F

ClientSampled :

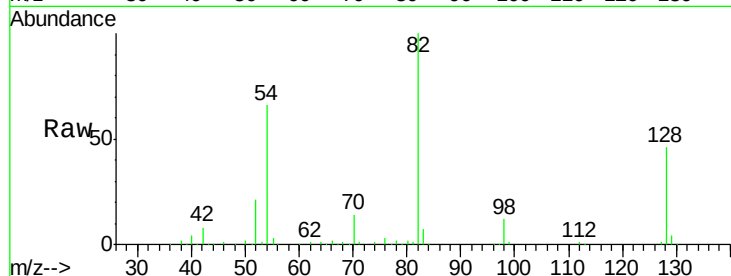
Tot Ion: 82 Resp: 347343

Ion Ratio Lower Upper

82 100

128 46.4 34.0 51.0

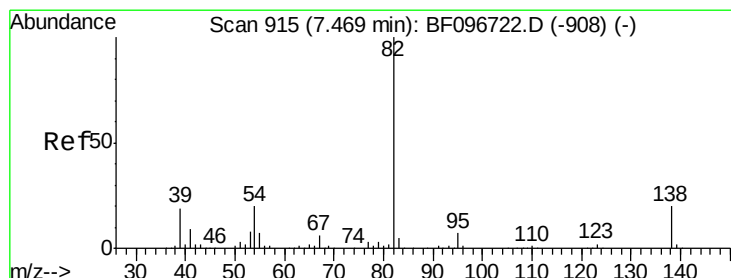
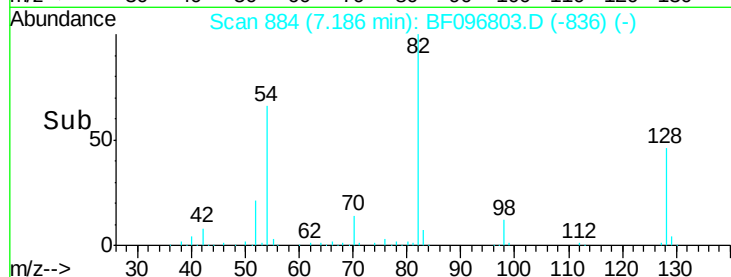
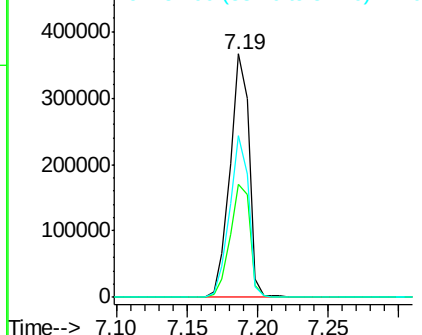
54 66.4 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 34.56 ng

RT: 7.19 min Scan# 884

Delta R.T. -0.28 min

Lab File: BF096803.D

Acq: 15 Jul 2017 5:58

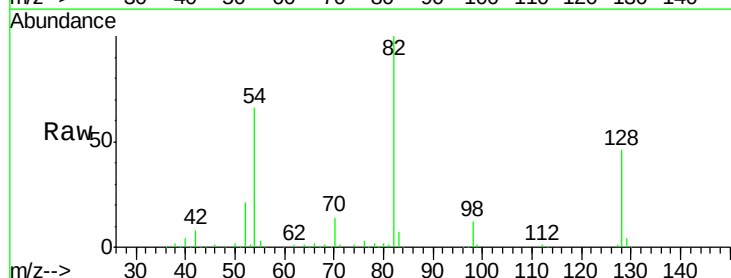
Tgt Ion: 82 Resp: 342088

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

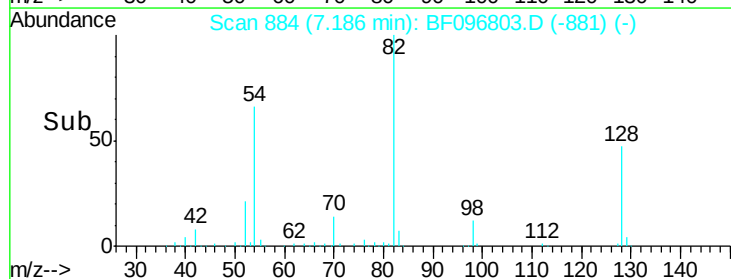
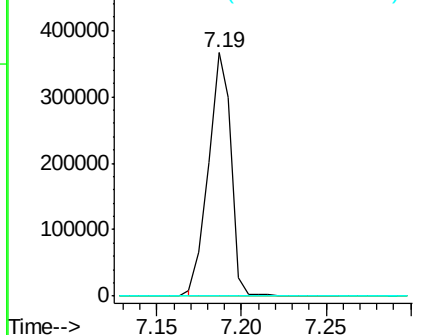
138 0.0 13.1 19.7#

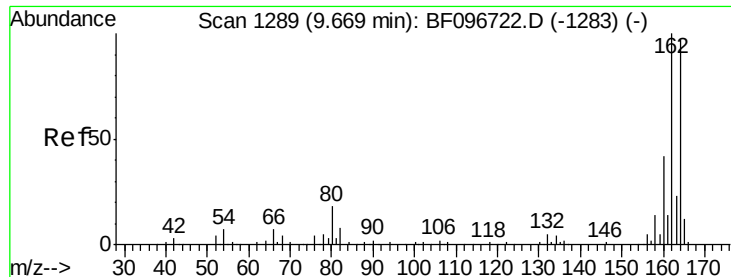


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

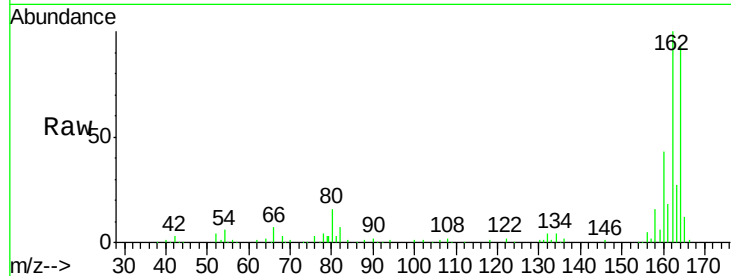




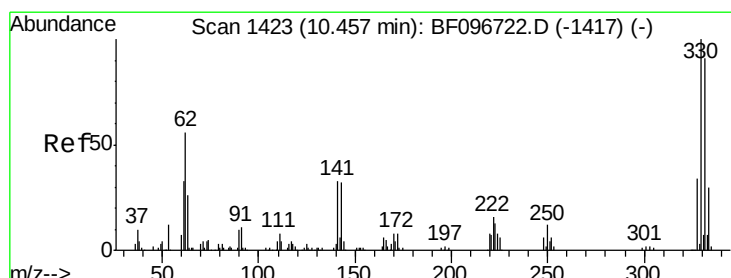
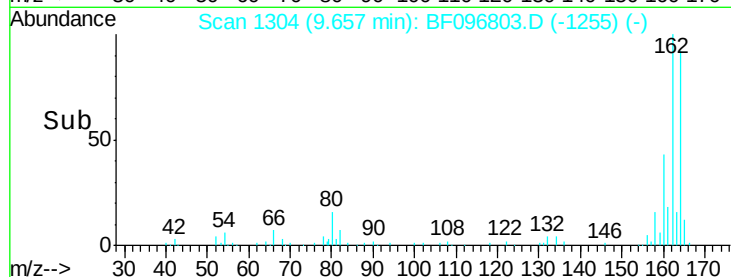
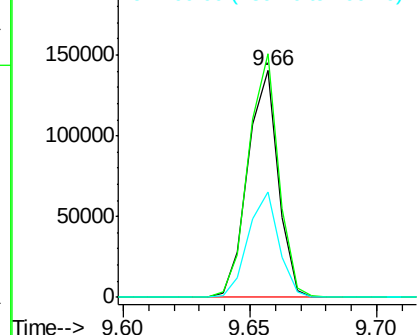
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF096803.D
 Acq: 15 Jul 2017 5:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 117289
 Ion Ratio Lower Upper
 164 100
 162 107.3 82.6 123.8
 160 46.4 36.2 54.2

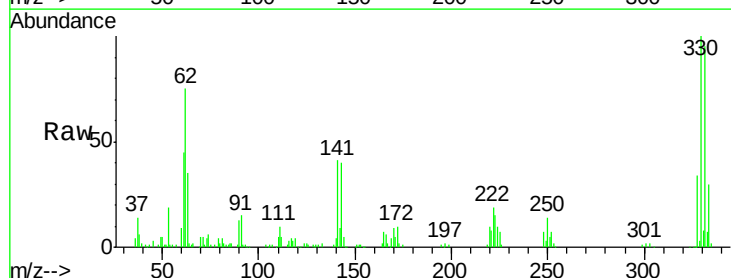


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

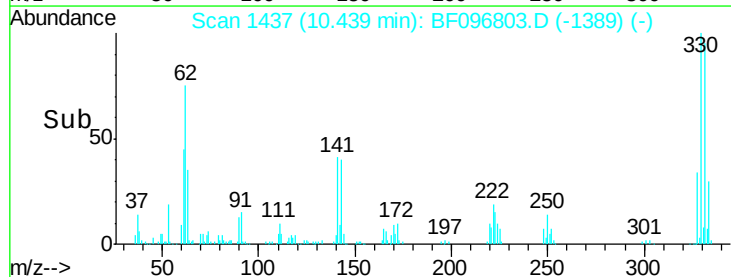
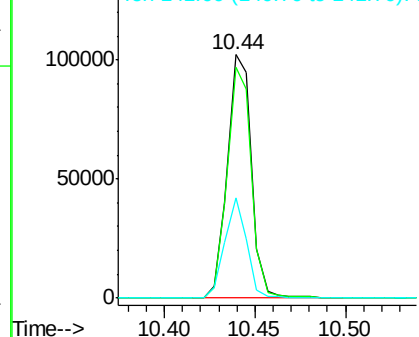


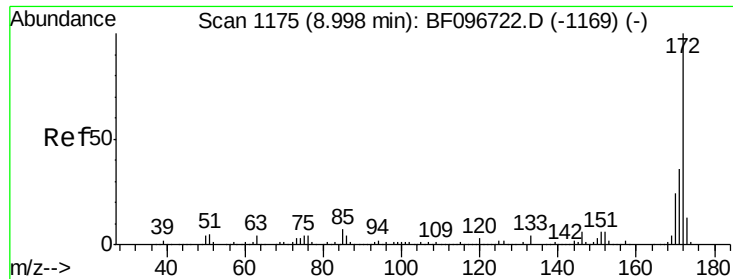
#41
 2,4,6-Tribromophenol
 Concen: 94.69 ng
 RT: 10.44 min Scan# 1437
 Delta R.T. -0.02 min
 Lab File: BF096803.D
 Acq: 15 Jul 2017 5:58

Tgt Ion:330 Resp: 94795
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 115.0
 141 37.0 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

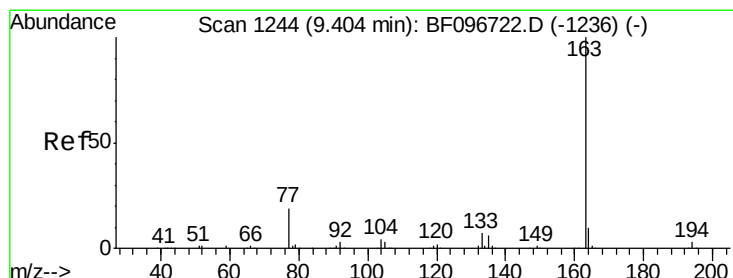
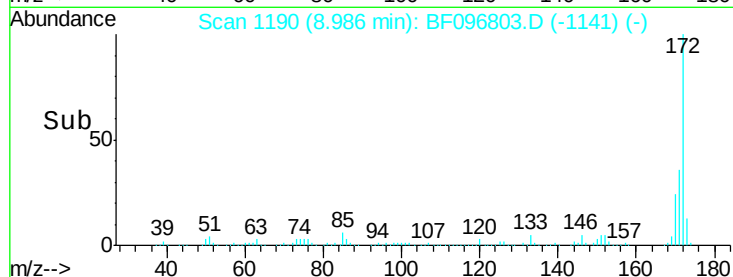
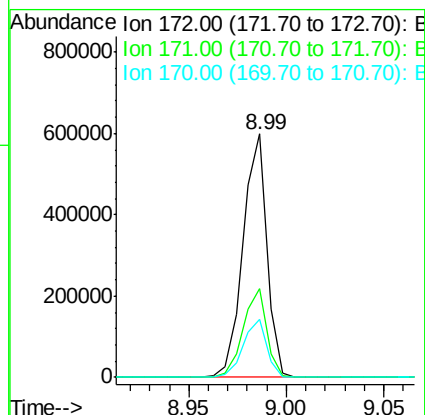
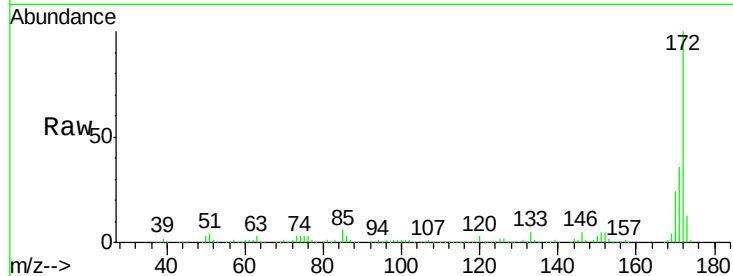




#44
2-Fluorobiphenyl
Concen: 68.34 ng
RT: 8.99 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF096803.D
Acq: 15 Jul 2017 5:58

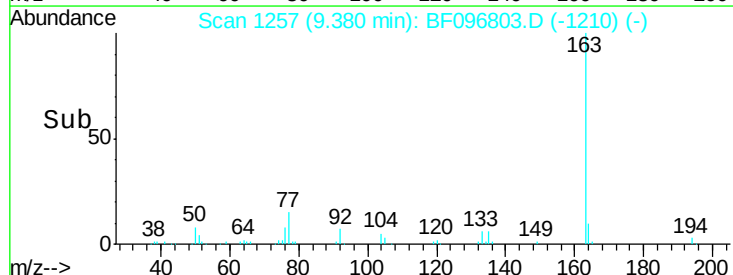
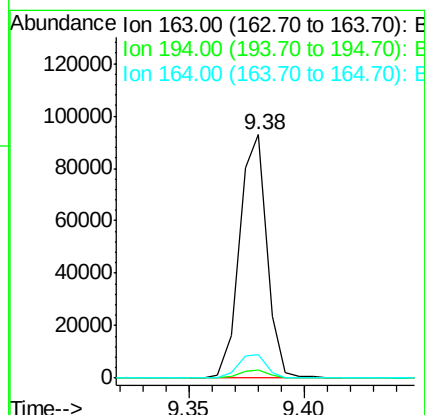
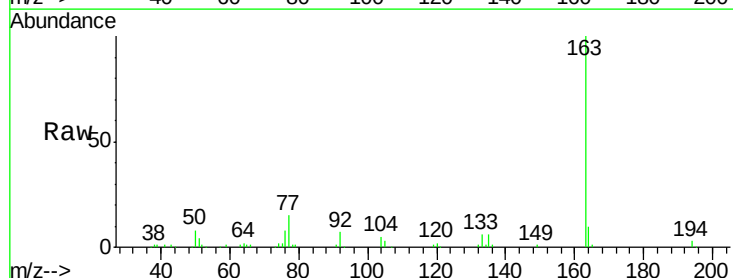
Instrument :
BNA_F
ClientSampleId :

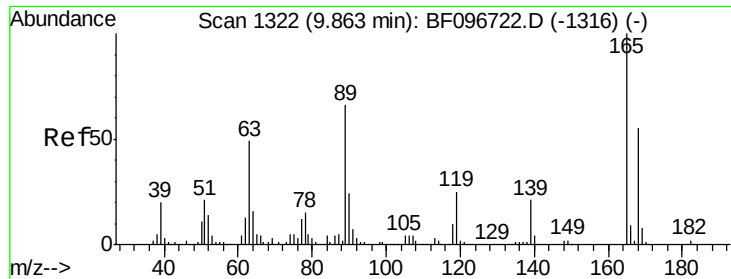
Tot Ion:172 Resp: 507304
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 23.7 19.8 29.8



#49
Dimethylphthalate
Concen: 8.70 ng
RT: 9.38 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF096803.D
Acq: 15 Jul 2017 5:58

Tgt Ion:163 Resp: 76820
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.8 8.4 12.6

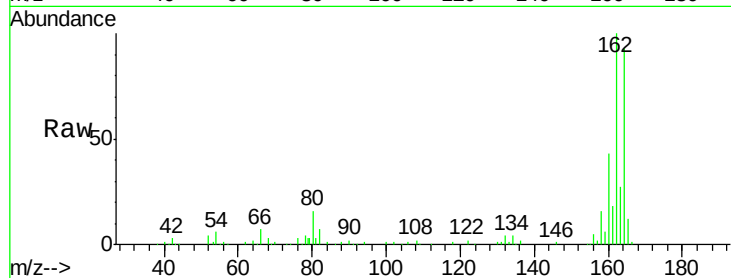




#56
 2,4-Dinitrotoluene
 Concen: 6.18 ng
 RT: 9.66 min Scan# 1304
 Delta R.T. -0.21 min
 Lab File: BF096803.D
 Acq: 15 Jul 2017 5:58

Instrument :
 BNA_F
 ClientSampled :

Tot 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#

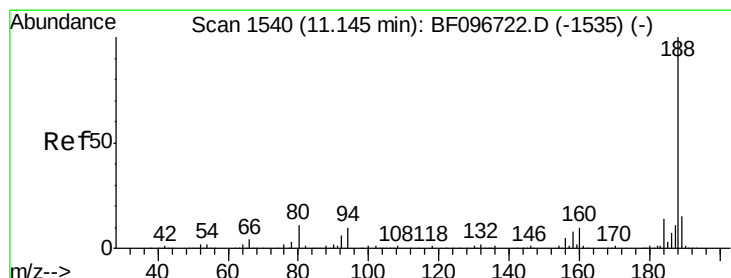
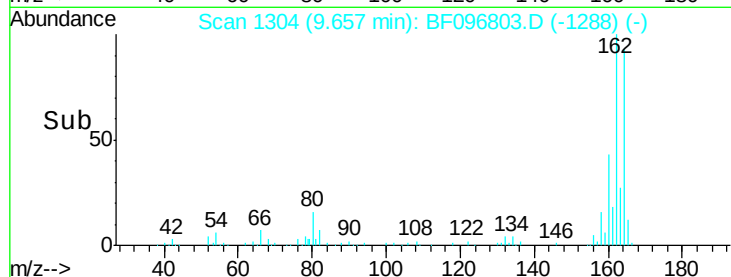
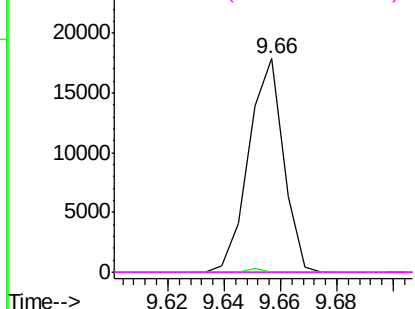


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

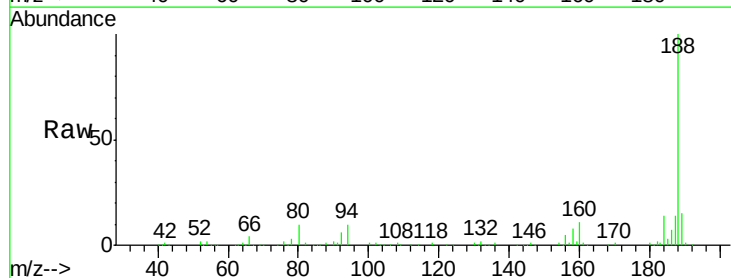
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF096803.D
 Acq: 15 Jul 2017 5:58

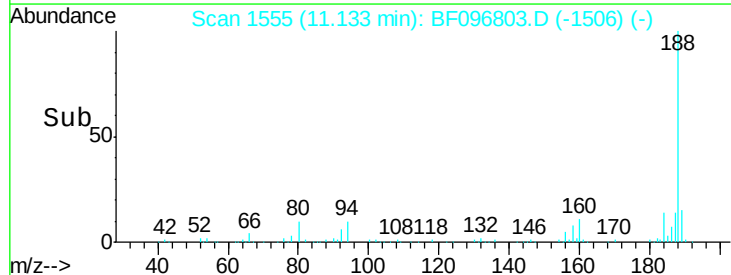
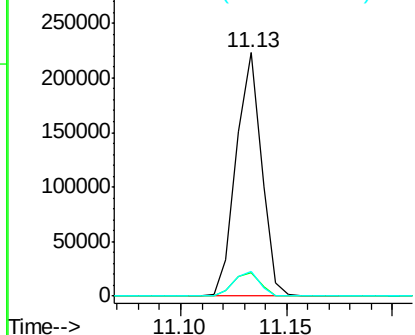
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.4	14.2
80	10.2	10.2	15.2

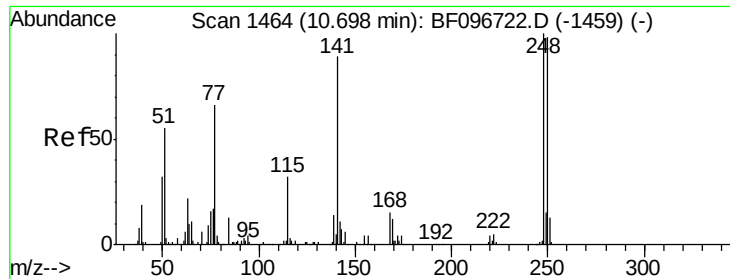


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

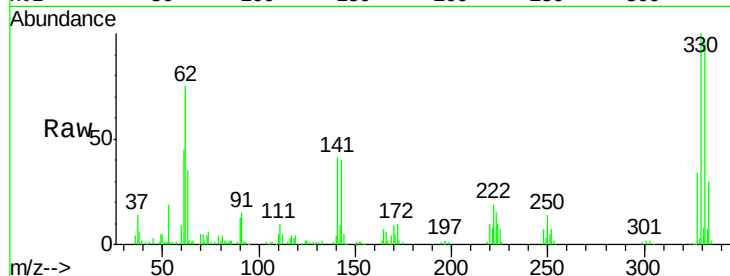




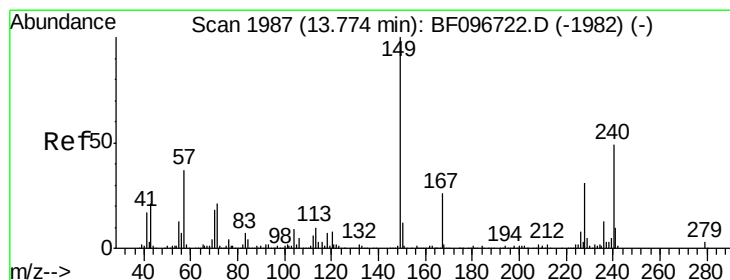
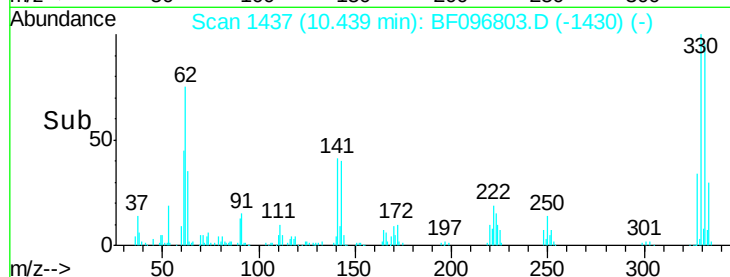
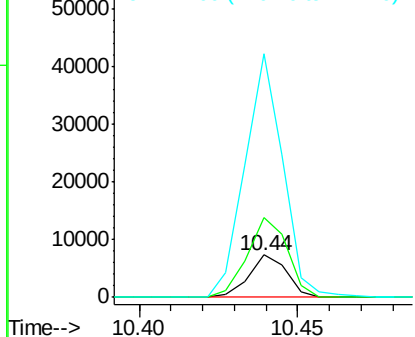
#66
 4-Bromophenyl-phenylether
 Concen: 3.24 ng
 RT: 10.44 min Scan# 1437
 Delta R.T. -0.26 min
 Lab File: BF096803.D
 Acq: 15 Jul 2017 5:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 6119
 Ion Ratio Lower Upper
 248 100
 250 186.8 76.8 115.2#
 141 571.5 68.6 103.0#

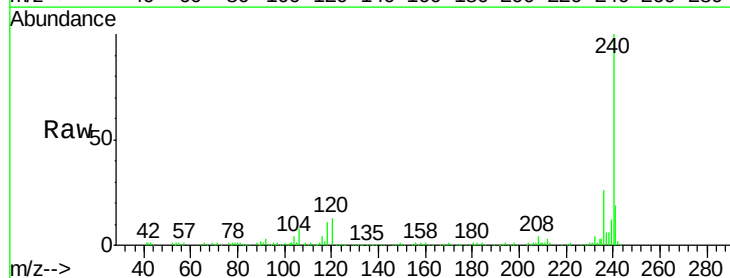


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

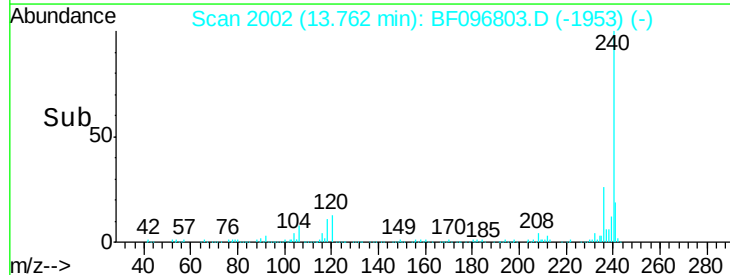
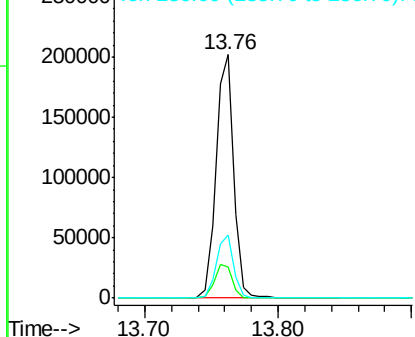


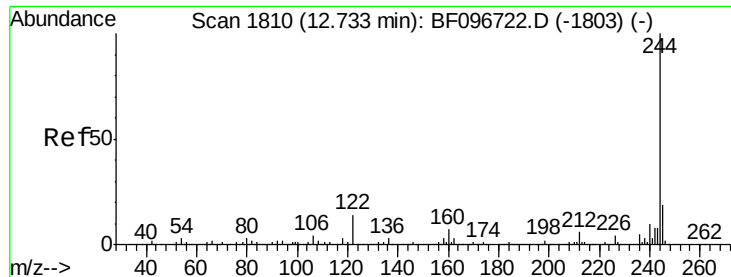
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.76 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF096803.D
 Acq: 15 Jul 2017 5:58

Tgt Ion:240 Resp: 187655
 Ion Ratio Lower Upper
 240 100
 120 12.8 5.8 8.8#
 236 25.9 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

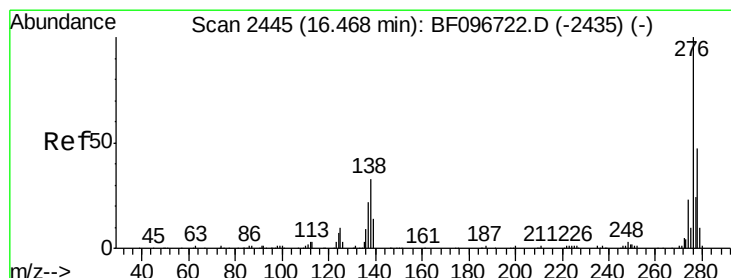
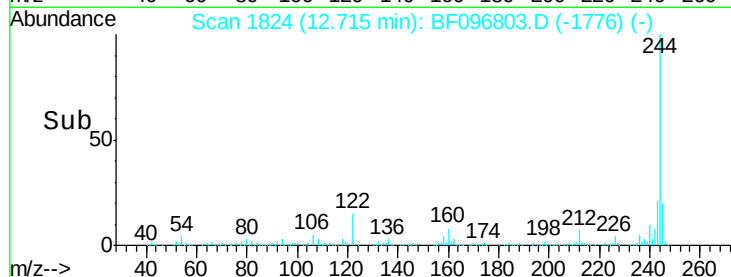
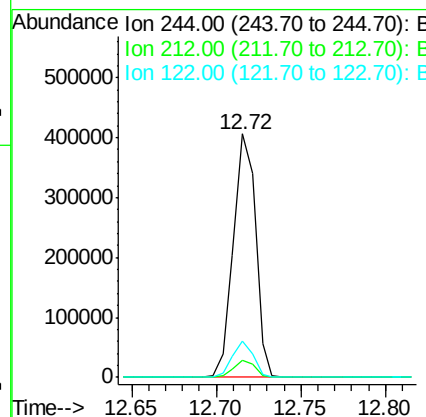
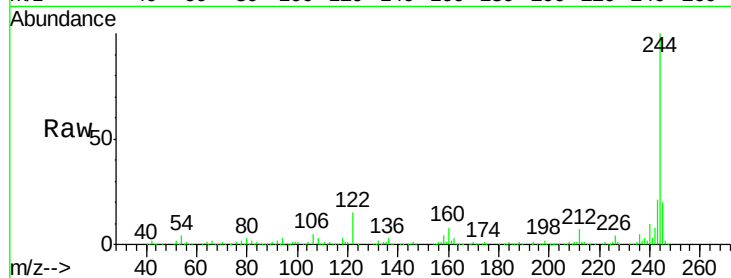




#78
 Terphenyl-d14
 Concen: 34.43 ng
 RT: 12.72 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF096803.D
 Acq: 15 Jul 2017 5:58

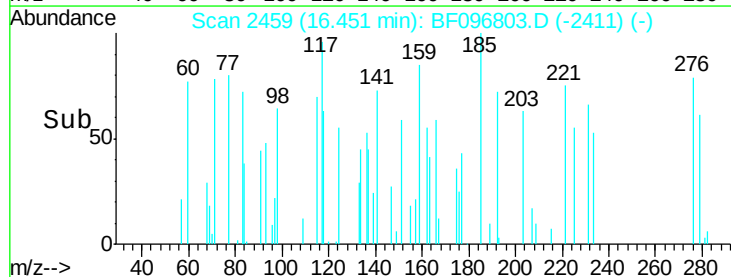
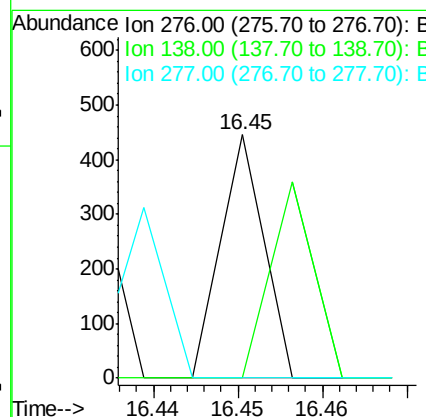
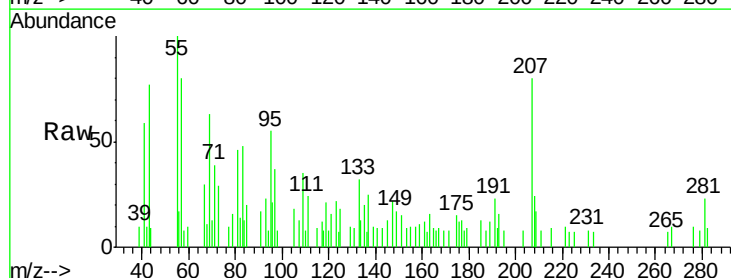
Instrument :
 BNA_F
 ClientSampleID :

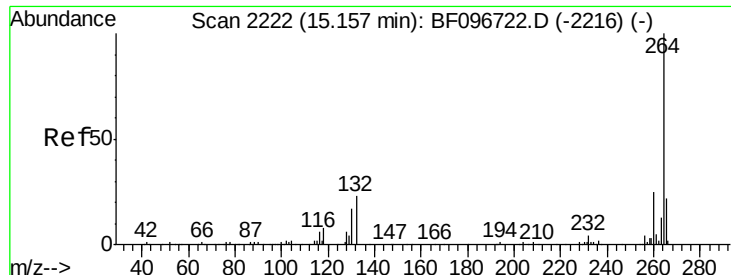
Tot Ion:244 Resp: 372520
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.8 10.3 15.5



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.34 ng
 RT: 16.45 min Scan# 2459
 Delta R.T. -0.02 min
 Lab File: BF096803.D
 Acq: 15 Jul 2017 5:58

Tgt Ion:276 Resp: 157
 Ion Ratio Lower Upper
 276 100
 138 80.9 27.8 41.6#
 277 0.0 20.2 30.4#

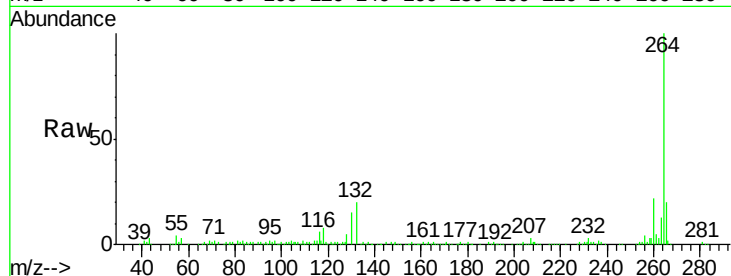




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.14 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF096803.D
Acq: 15 Jul 2017 5:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	129455
Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.5	29.3
265	19.5	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

