

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071417\
 Data File : BF096781.D
 Acq On : 14 Jul 2017 19:42
 Operator : SJ/JU
 Sample : PB100644BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 14 23:51:23 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

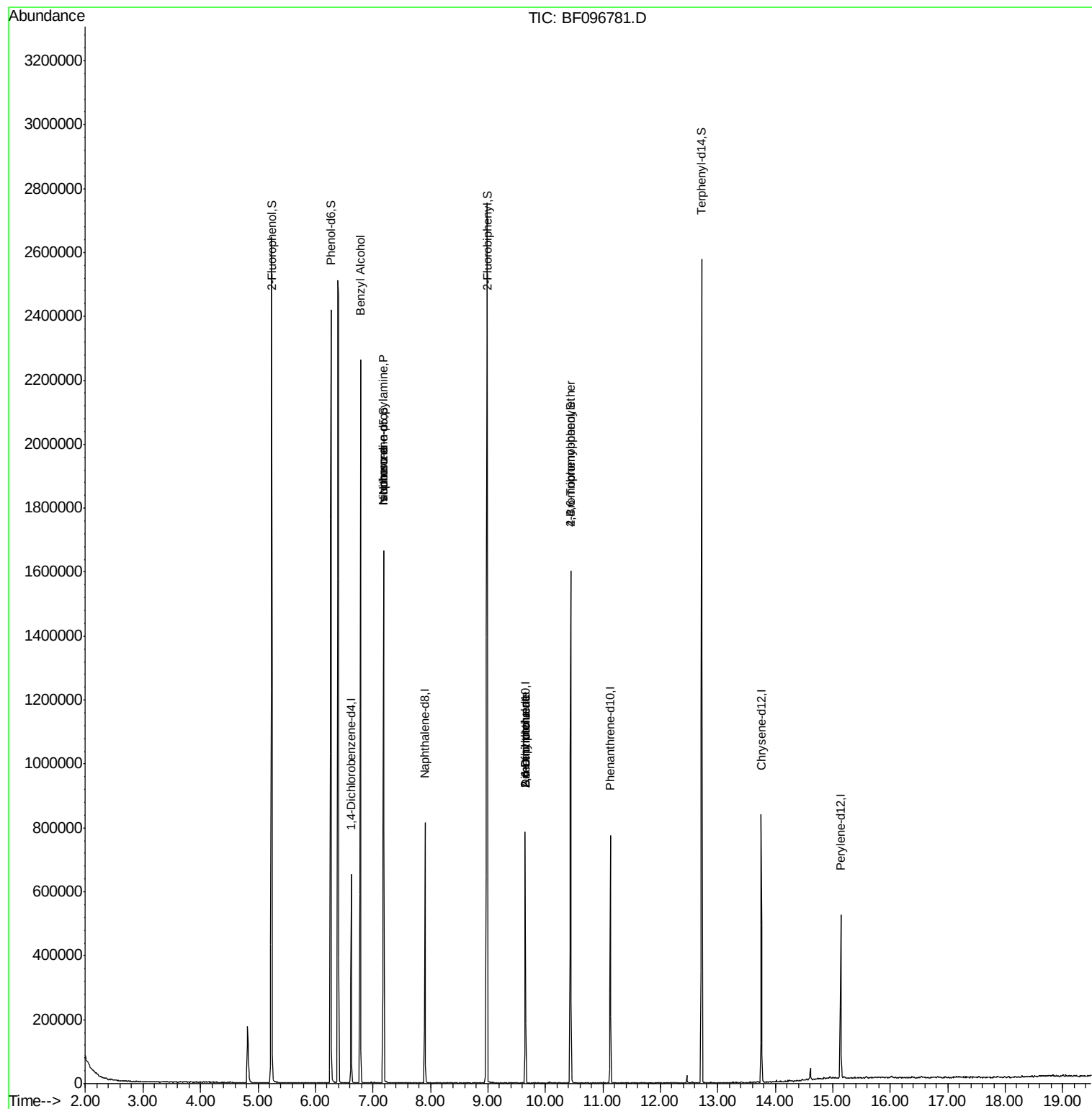
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	87415	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	365715	20.00	ng	-0.02
38) Acenaphthene-d10	9.65	164	165580	20.00	ng	-0.02
63) Phenanthrene-d10	11.13	188	294816	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	265657	20.00	ng	-0.02
86) Perylene-d12	15.14	264	208262	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	779105	134.01	ng	0.00
7) Phenol-d6	6.27	99	951875	136.44	ng	-0.01
23) Nitrobenzene-d5	7.19	82	550279	93.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.45	330	205456	145.37	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1009234	96.30	ng	-0.01
78) Terphenyl-d14	12.72	244	866302	56.55	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.78	79	9494	2.08	ng	# 36
19) n-Nitroso-di-n-propylamine	7.19	70	72918	17.35	ng	# 88
25) Isophorone	7.19	82	543578	49.49	ng	# 67
49) Dimethylphthalate	9.66	163	49754	3.99	ng	# 1
50) 2,6-Dinitrotoluene	9.65	165	20915	7.74	ng	# 31
56) 2,4-Dinitrotoluene	9.65	165	20915	6.03	ng	# 31
66) 4-Bromophenyl-phenylether	10.44	248	12919	4.29	ng	# 1

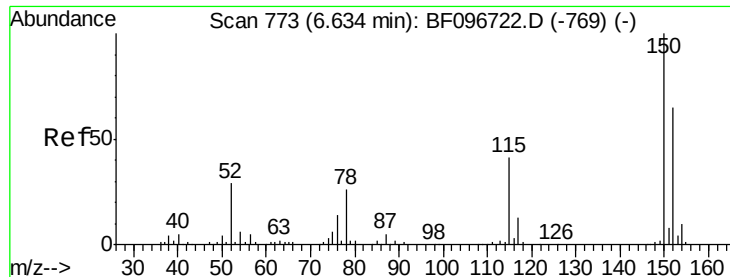
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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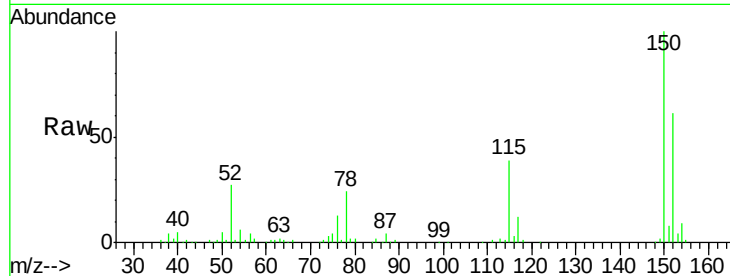


#1

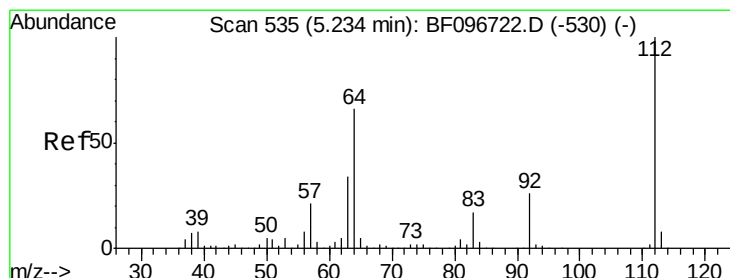
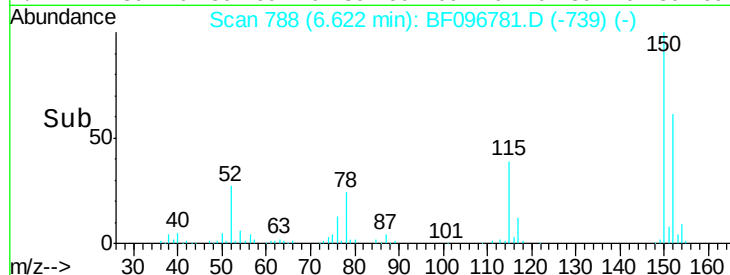
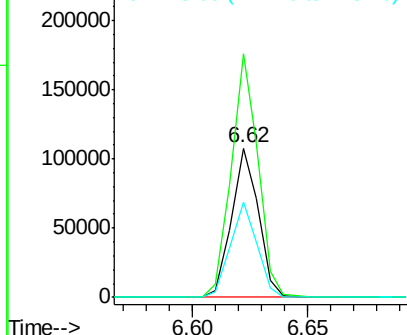
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF096781.D
Acq: 14 Jul 2017 19:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 87415
Ion Ratio Lower Upper
152 100
150 163.5 126.2 189.2
115 64.3 52.2 78.2



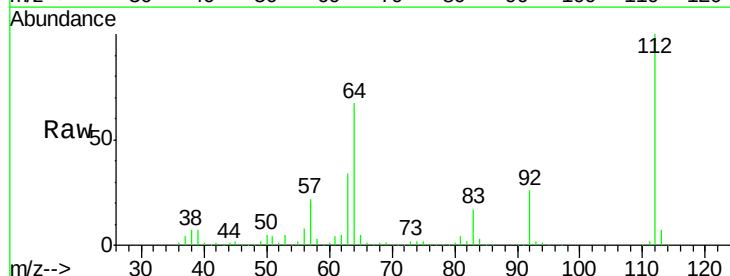
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



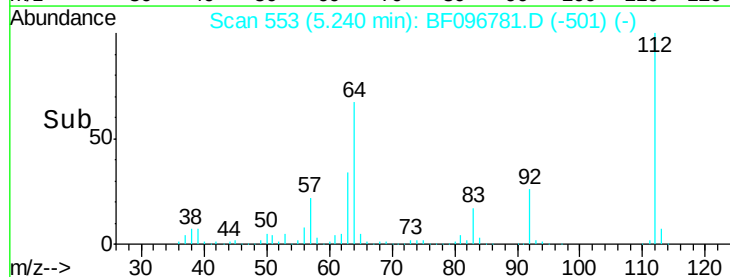
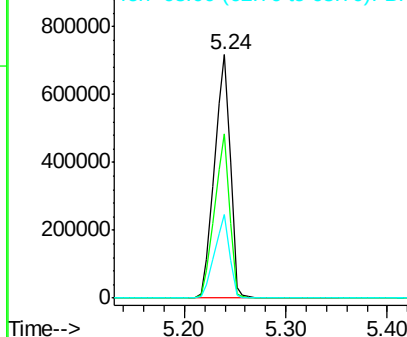
#5

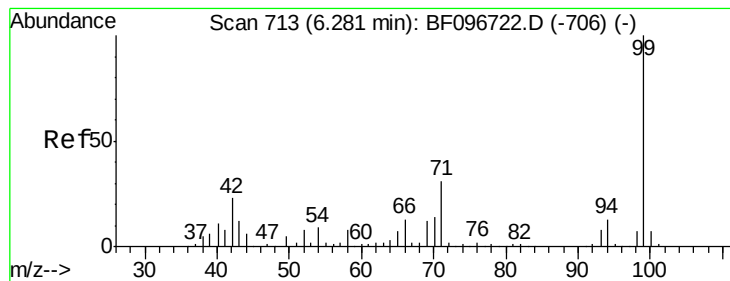
2-Fluorophenol
Concen: 134.01 ng
RT: 5.24 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF096781.D
Acq: 14 Jul 2017 19:42

Tgt Ion:112 Resp: 779105
Ion Ratio Lower Upper
112 100
64 67.3 46.0 69.0
63 34.5 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: 136.44 ng

RT: 6.27 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF096781.D

Acq: 14 Jul 2017 19:42

Instrument :

BNA_F

ClientSampled :

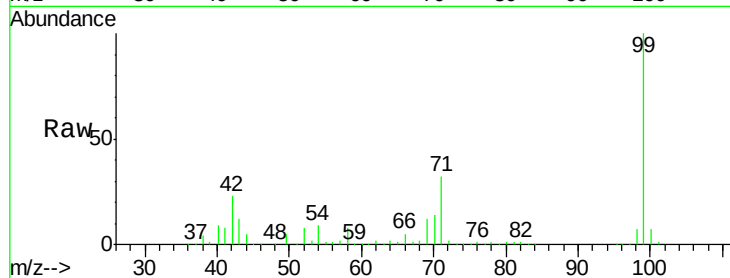
Tot Ion: 99 Resp: 951875

Ion Ratio Lower Upper

99 100

42 22.6 13.5 20.3#

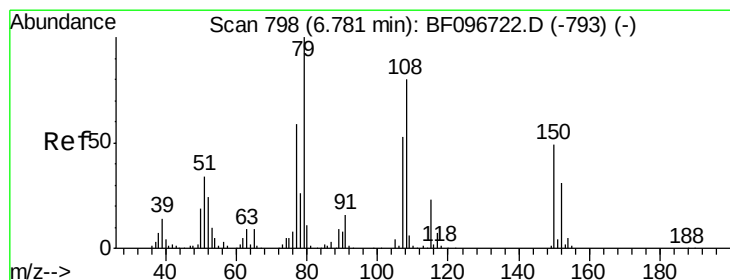
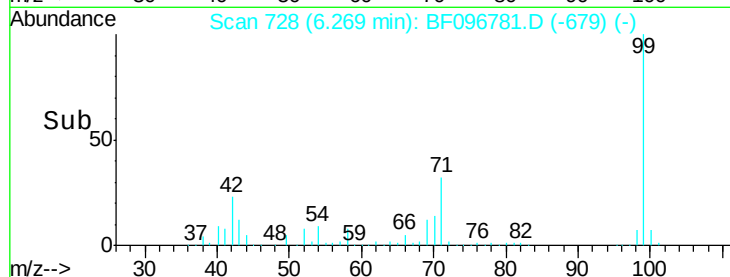
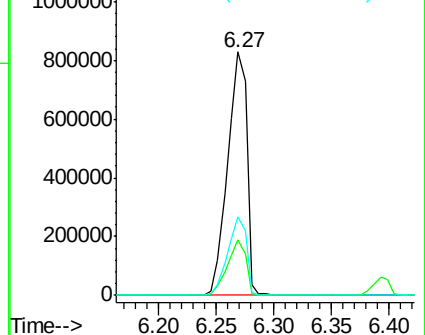
71 32.5 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 6.78 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF096781.D

Acq: 14 Jul 2017 19:42

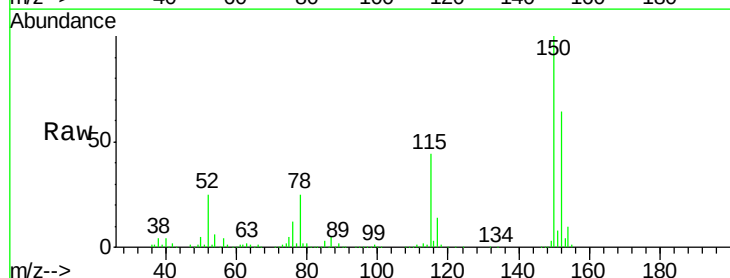
Tgt Ion: 79 Resp: 9494

Ion Ratio Lower Upper

79 100

108 25.2 63.4 95.0#

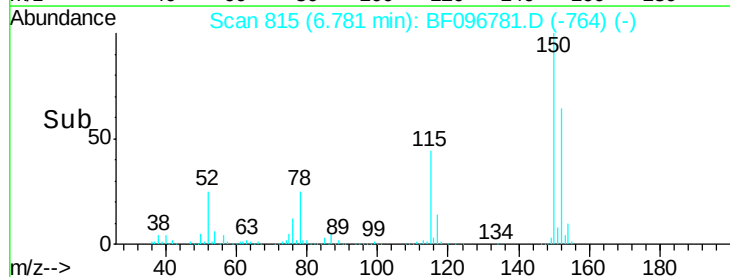
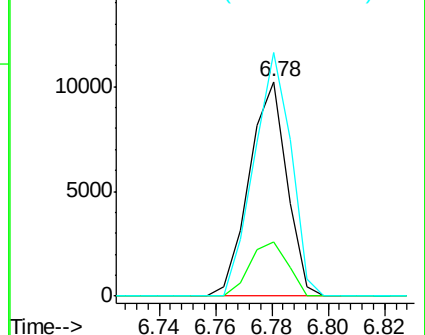
77 113.4 49.2 73.8#

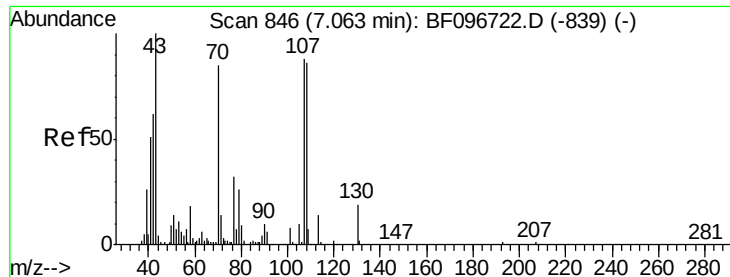


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

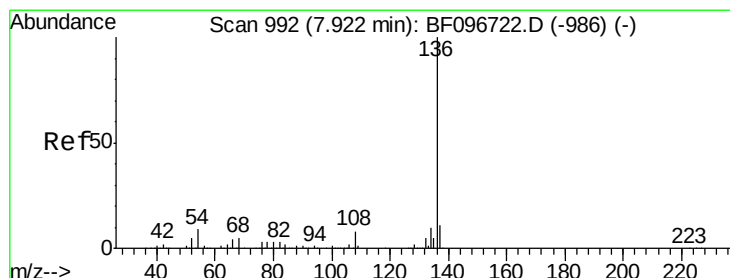
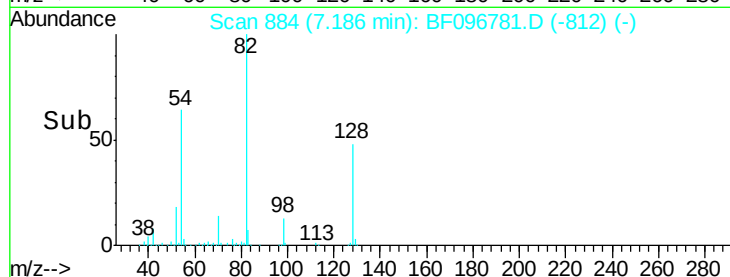
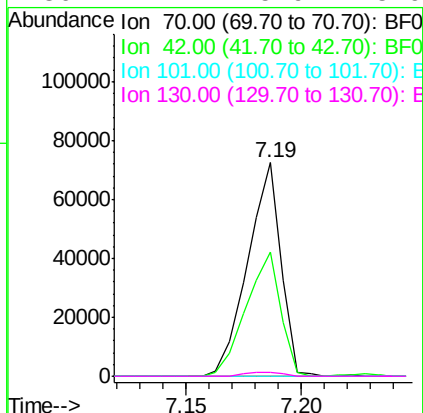
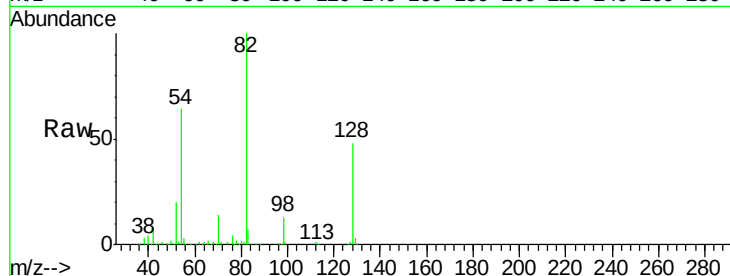




#19
n-Nitroso-di-n-propylamine
Concen: 17.35 ng
RT: 7.19 min Scan# 884
Delta R.T. 0.12 min
Lab File: BF096781.D
Acq: 14 Jul 2017 19:42

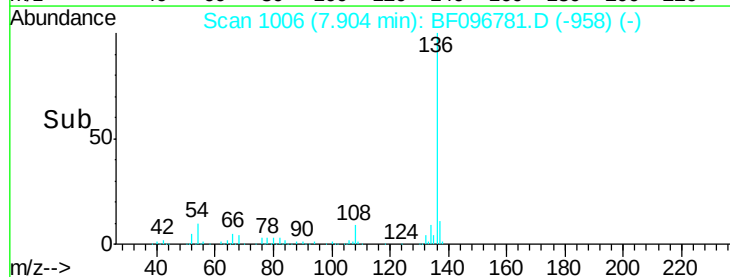
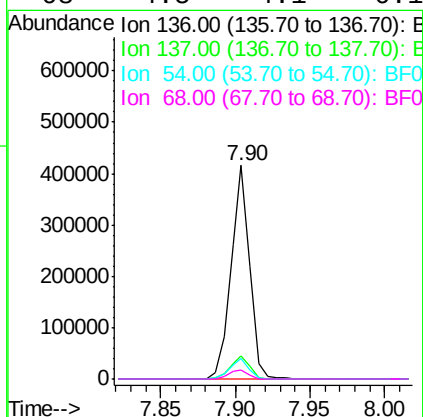
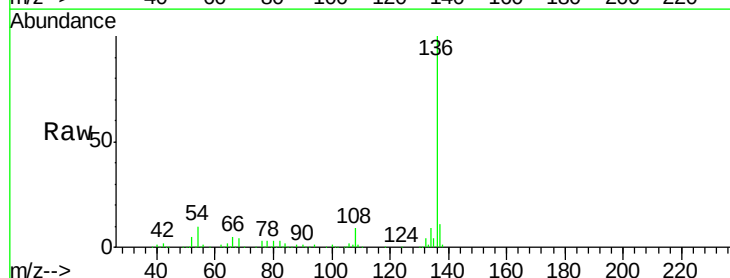
Instrument :
BNA_F
ClientSampleId :

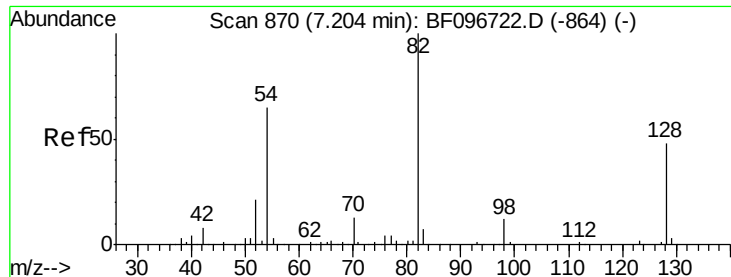
Tot Ion: 70 Resp: 72918
Ion Ratio Lower Upper
70 100
42 58.1 47.2 70.8
101 0.0 7.2 10.8#
130 2.1 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BF096781.D
Acq: 14 Jul 2017 19:42

Tgt Ion: 136 Resp: 365715
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 9.8 4.9 7.3#
68 4.5 4.1 6.1

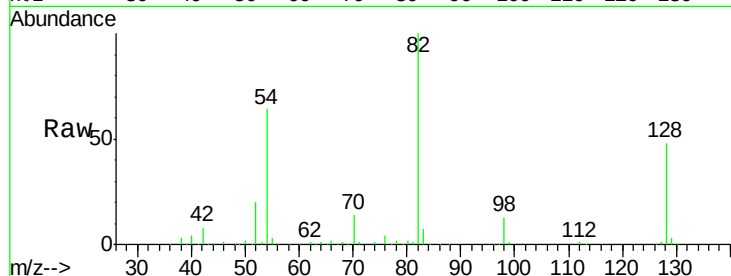




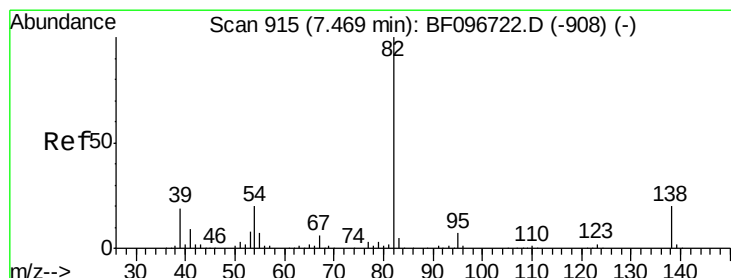
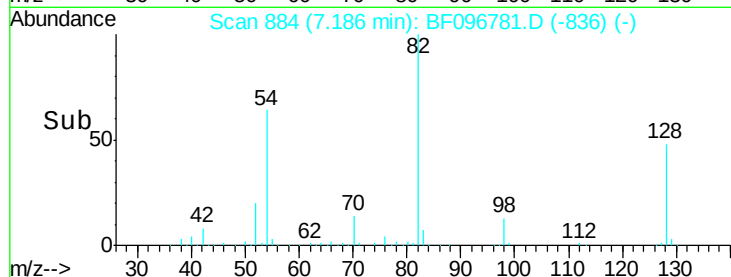
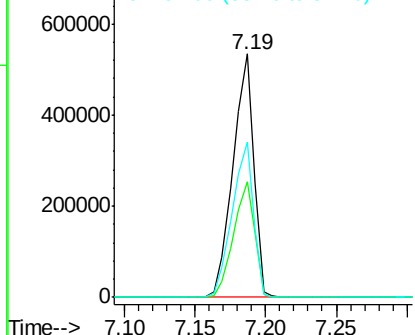
#23
Nitrobenzene-d5
Concen: 93.20 ng
RT: 7.19 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF096781.D
Acq: 14 Jul 2017 19:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 550279
Ion Ratio Lower Upper
82 100
128 47.7 34.0 51.0
54 64.0 42.2 63.2#

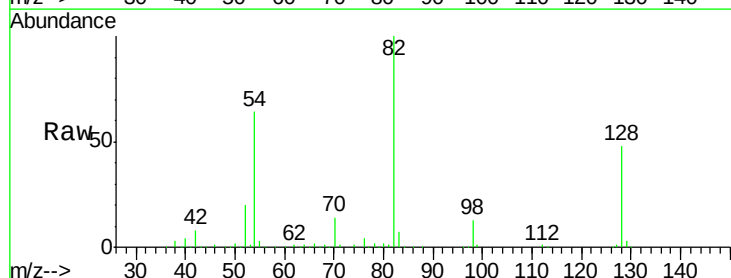


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

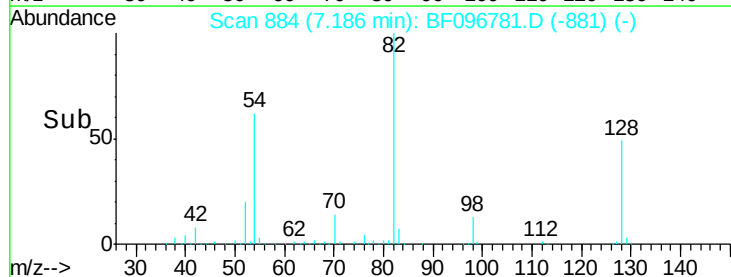
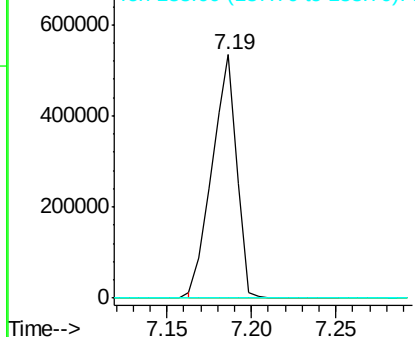


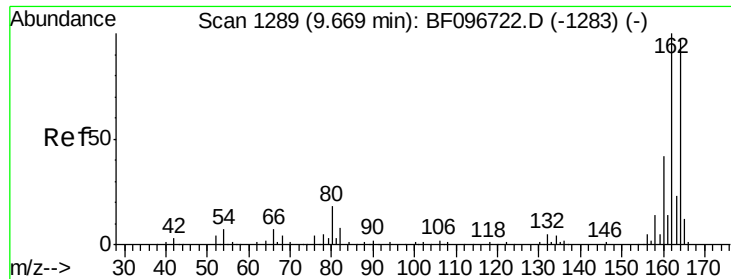
#25
Isophorone
Concen: 49.49 ng
RT: 7.19 min Scan# 884
Delta R.T. -0.28 min
Lab File: BF096781.D
Acq: 14 Jul 2017 19:42

Tgt Ion: 82 Resp: 543578
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: 9.65 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF096781.D

Acq: 14 Jul 2017 19:42

Instrument :

BNA_F

ClientSampleId :

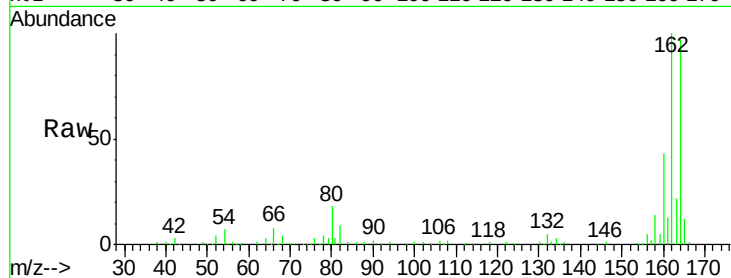
Tot Ion:164 Resp: 165580

Ion Ratio Lower Upper

164 100

162 103.2 82.6 123.8

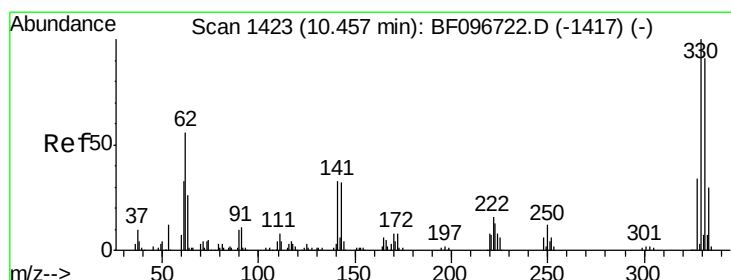
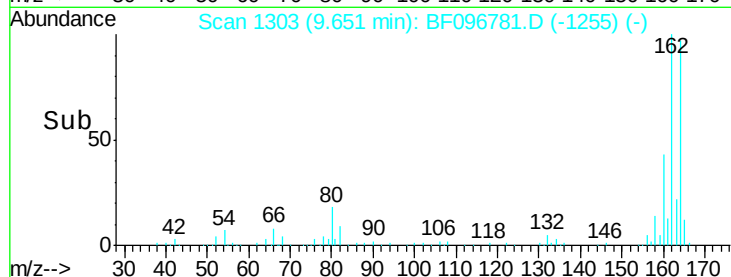
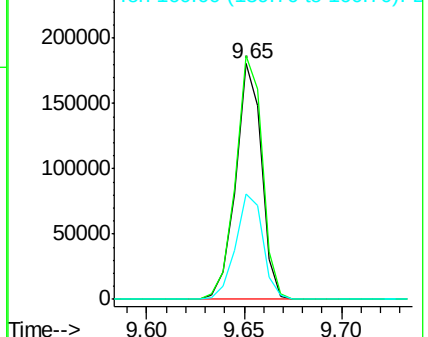
160 44.6 36.2 54.2



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: 145.37 ng

RT: 10.45 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF096781.D

Acq: 14 Jul 2017 19:42

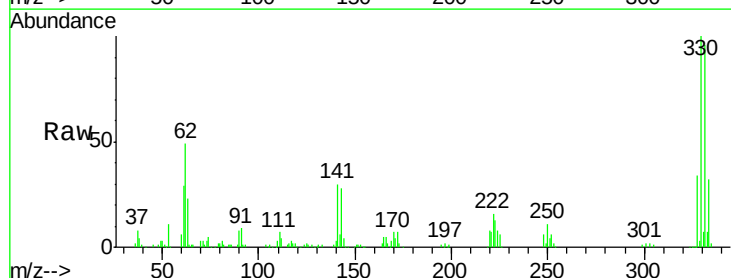
Tgt Ion:330 Resp: 205456

Ion Ratio Lower Upper

330 100

332 95.2 76.6 115.0

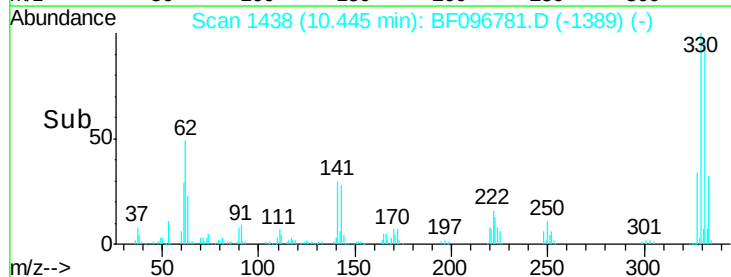
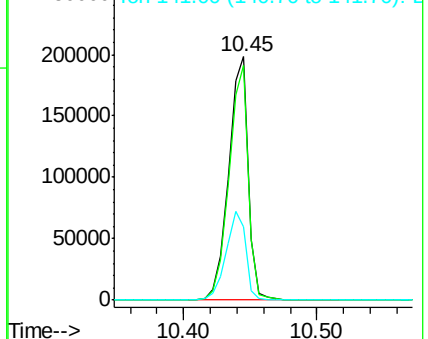
141 37.0 31.4 47.2

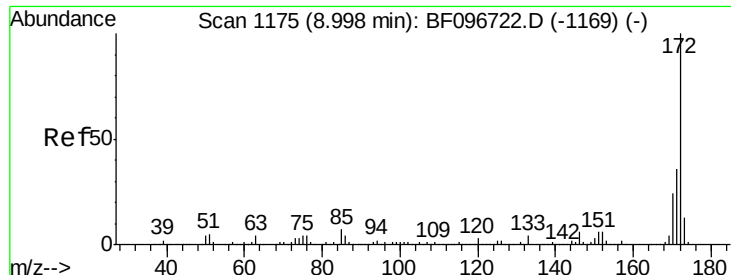


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

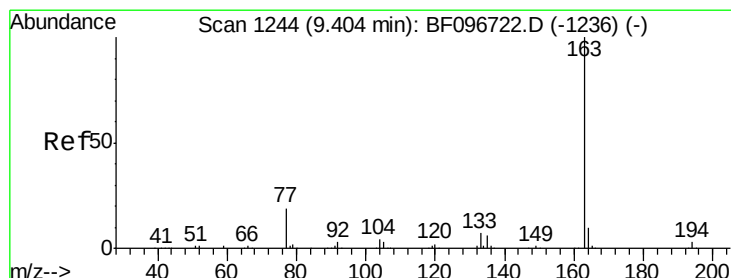
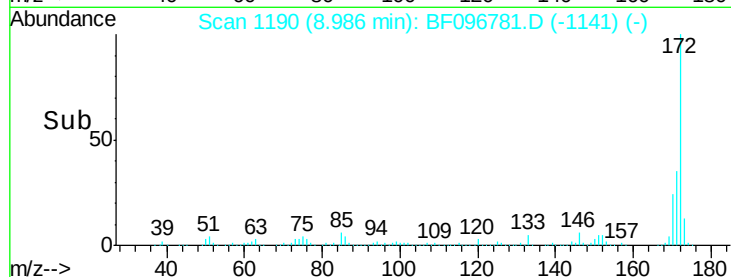
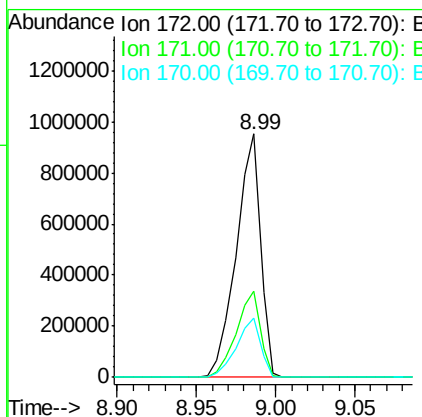
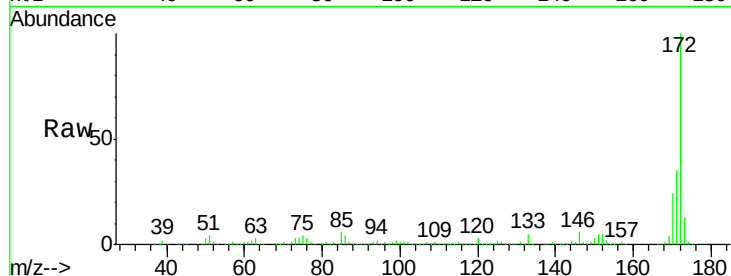




#44
2-Fluorobiphenyl
Concen: 96.30 ng
RT: 8.99 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF096781.D
Acq: 14 Jul 2017 19:42

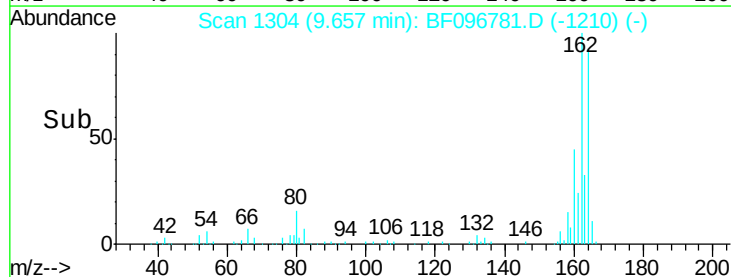
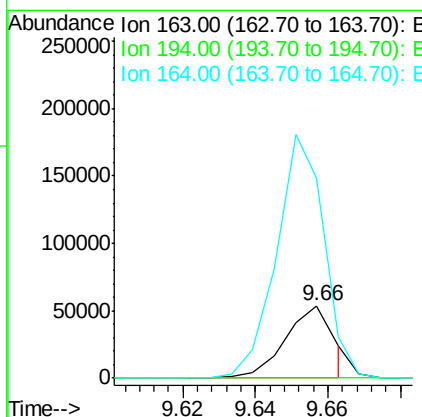
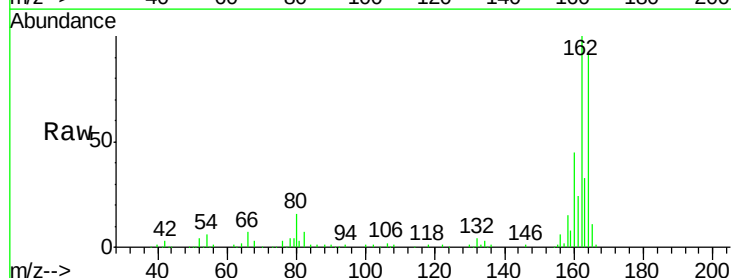
Instrument :
BNA_F
ClientSampleId :

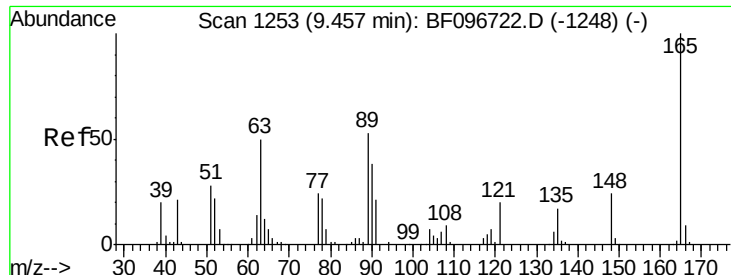
Tot Ion:172 Resp: 1009234
Ion Ratio Lower Upper
172 100
171 35.4 29.6 44.4
170 24.1 19.8 29.8



#49
Dimethylphthalate
Concen: 3.99 ng
RT: 9.66 min Scan# 1304
Delta R.T. 0.25 min
Lab File: BF096781.D
Acq: 14 Jul 2017 19:42

Tgt Ion:163 Resp: 49754
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 276.8 8.4 12.6#

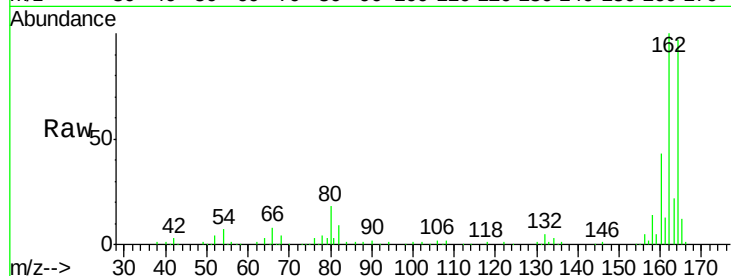




#50
2,6-Dinitrotoluene
Concen: 7.74 ng
RT: 9.65 min Scan# 1303
Delta R.T. 0.19 min
Lab File: BF096781.D
Acq: 14 Jul 2017 19:42

Instrument :
BNA_F
ClientSampleId :

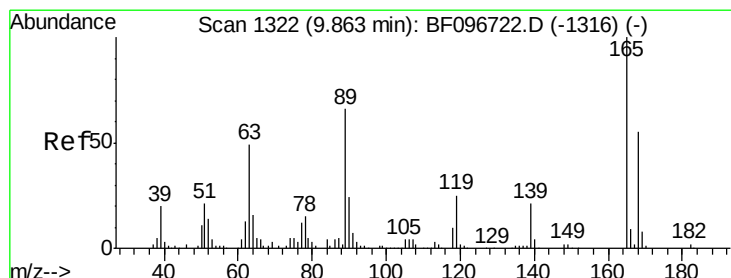
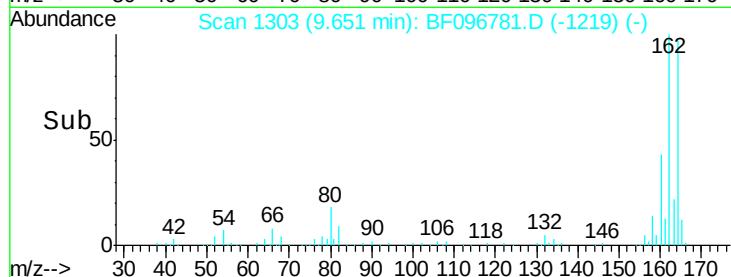
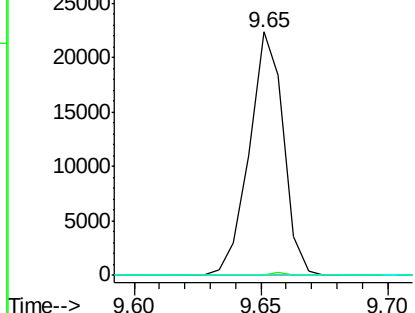
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



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: 6.03 ng
RT: 9.65 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF096781.D
Acq: 14 Jul 2017 19:42

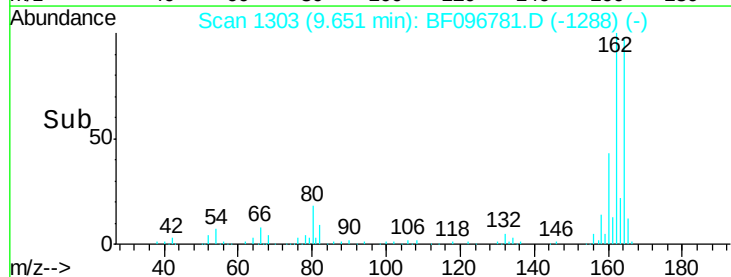
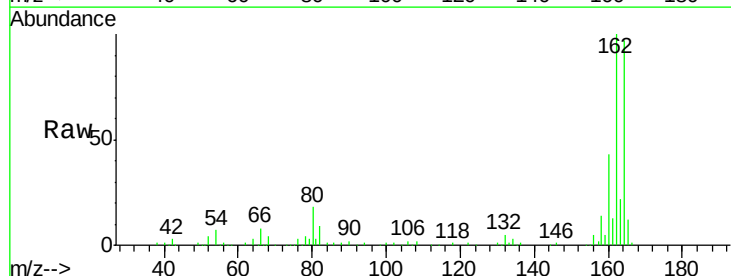
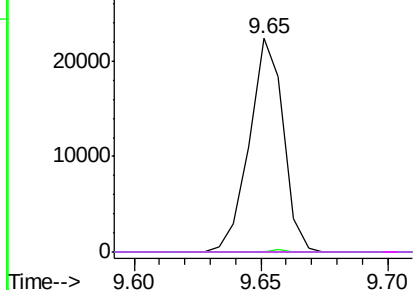
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

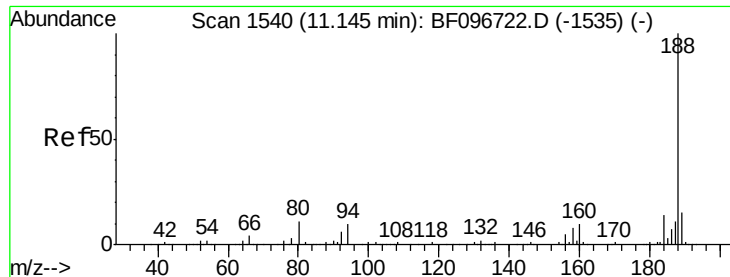
Abundance Ion 165.00 (164.70 to 165.70): E

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

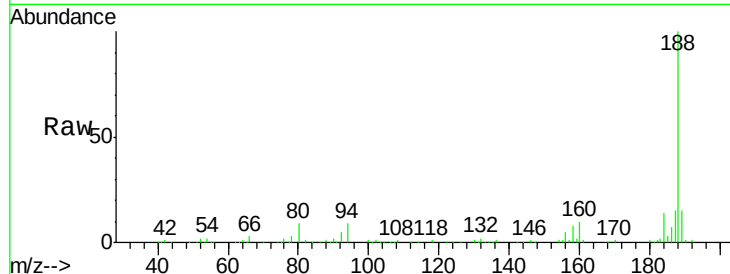




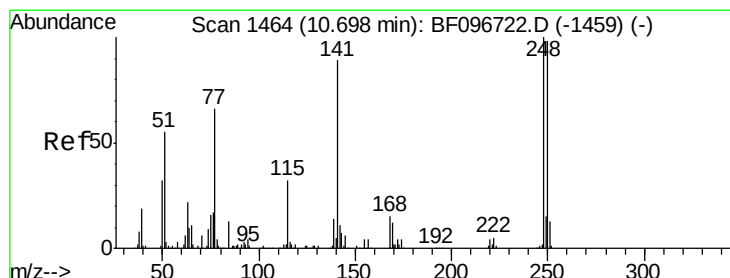
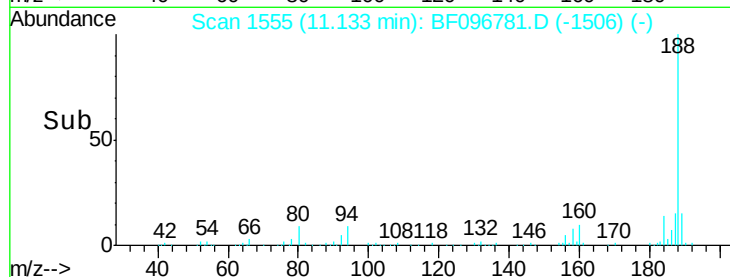
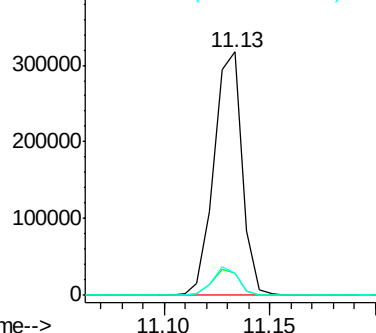
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF096781.D
Acq: 14 Jul 2017 19:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 294816
Ion Ratio Lower Upper
188 100
94 9.2 9.4 14.2#
80 9.2 10.2 15.2#

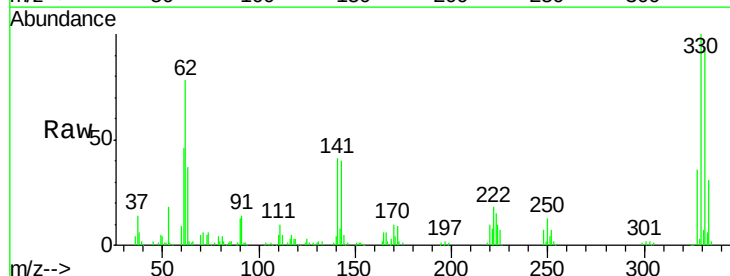


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

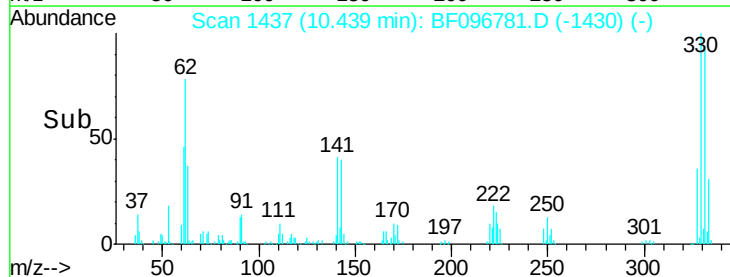
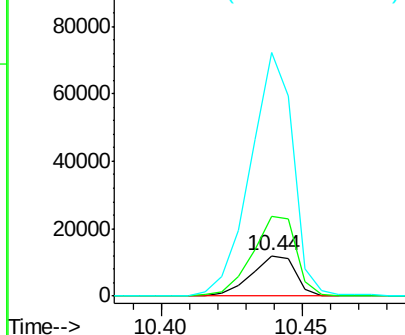


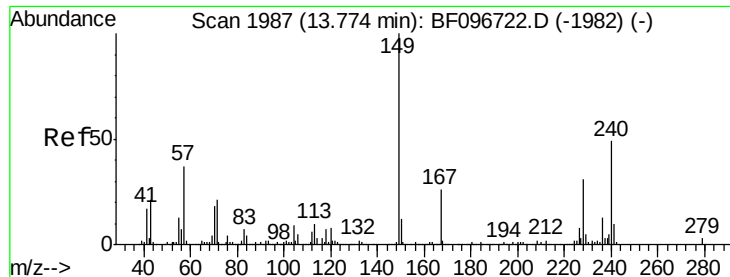
#66
4-Bromophenyl-phenylether
Concen: 4.29 ng
RT: 10.44 min Scan# 1437
Delta R.T. -0.26 min
Lab File: BF096781.D
Acq: 14 Jul 2017 19:42

Tgt Ion:248 Resp: 12919
Ion Ratio Lower Upper
248 100
250 196.7 76.8 115.2#
141 601.8 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: 13.76 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BF096781.D

Acq: 14 Jul 2017 19:42

Instrument :

BNA_F

ClientSampleId :

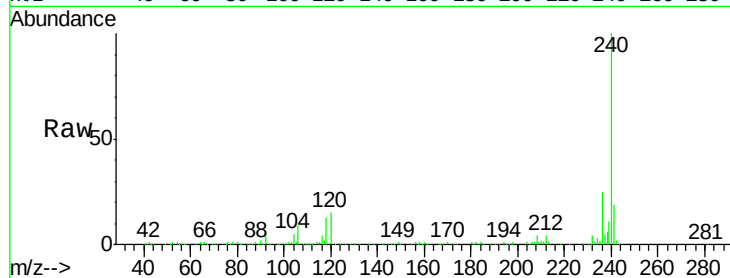
Tot Ion:240 Resp: 265657

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

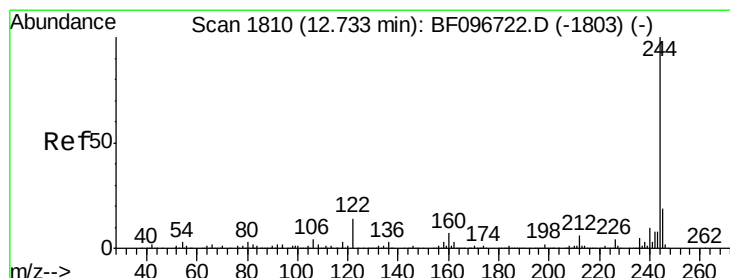
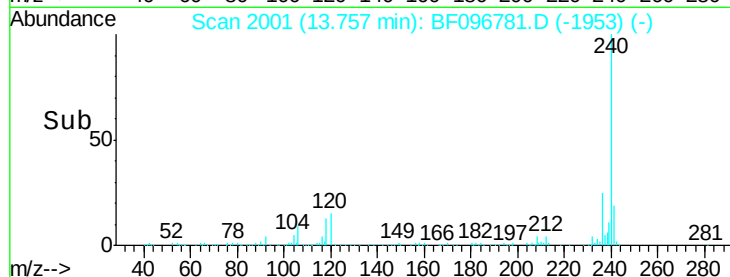
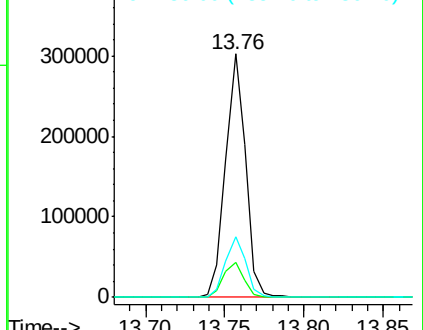
236 24.9 20.5 30.7



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: 56.55 ng

RT: 12.72 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF096781.D

Acq: 14 Jul 2017 19:42

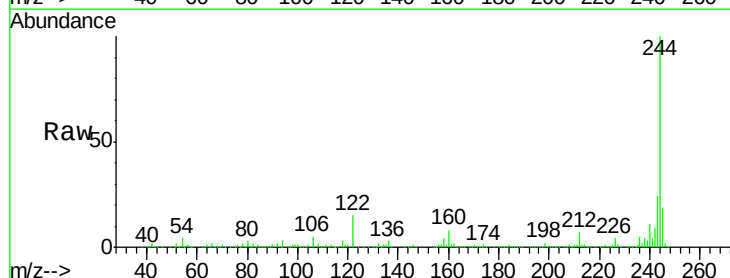
Tgt Ion:244 Resp: 866302

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

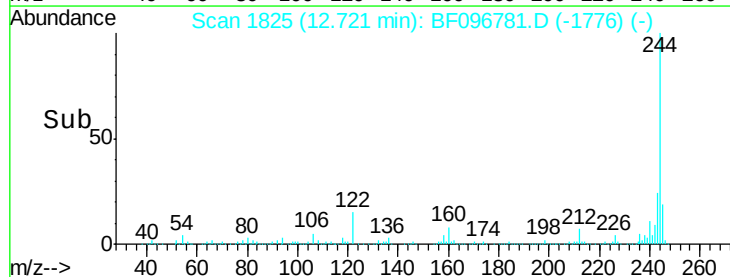
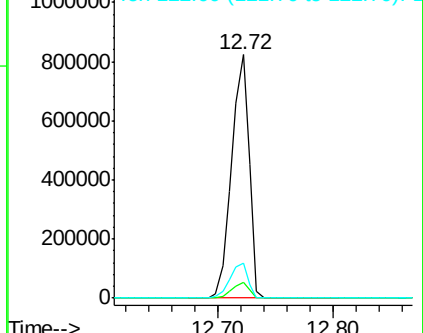
122 14.6 10.3 15.5

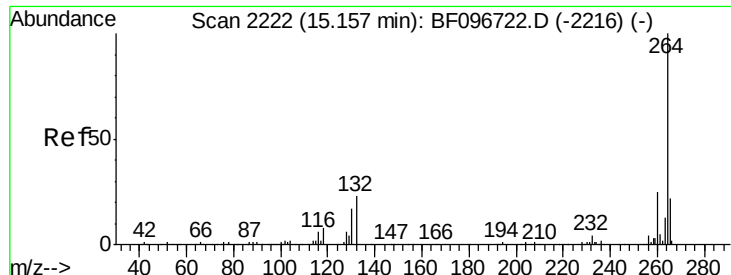


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

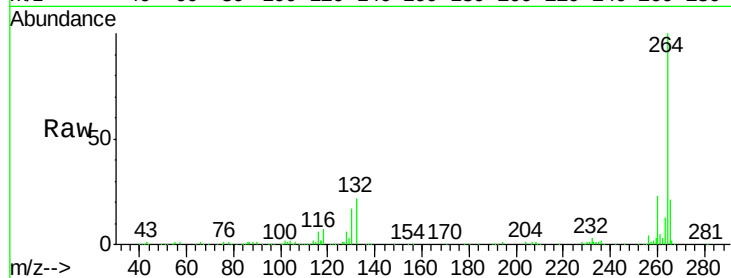




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.14 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF096781.D
Acq: 14 Jul 2017 19:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	208262
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.3	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

