

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
 Data File : BF105081.D
 Acq On : 3 May 2018 19:10
 Operator : JU/SJ
 Sample : J2665-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 01:57:25 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

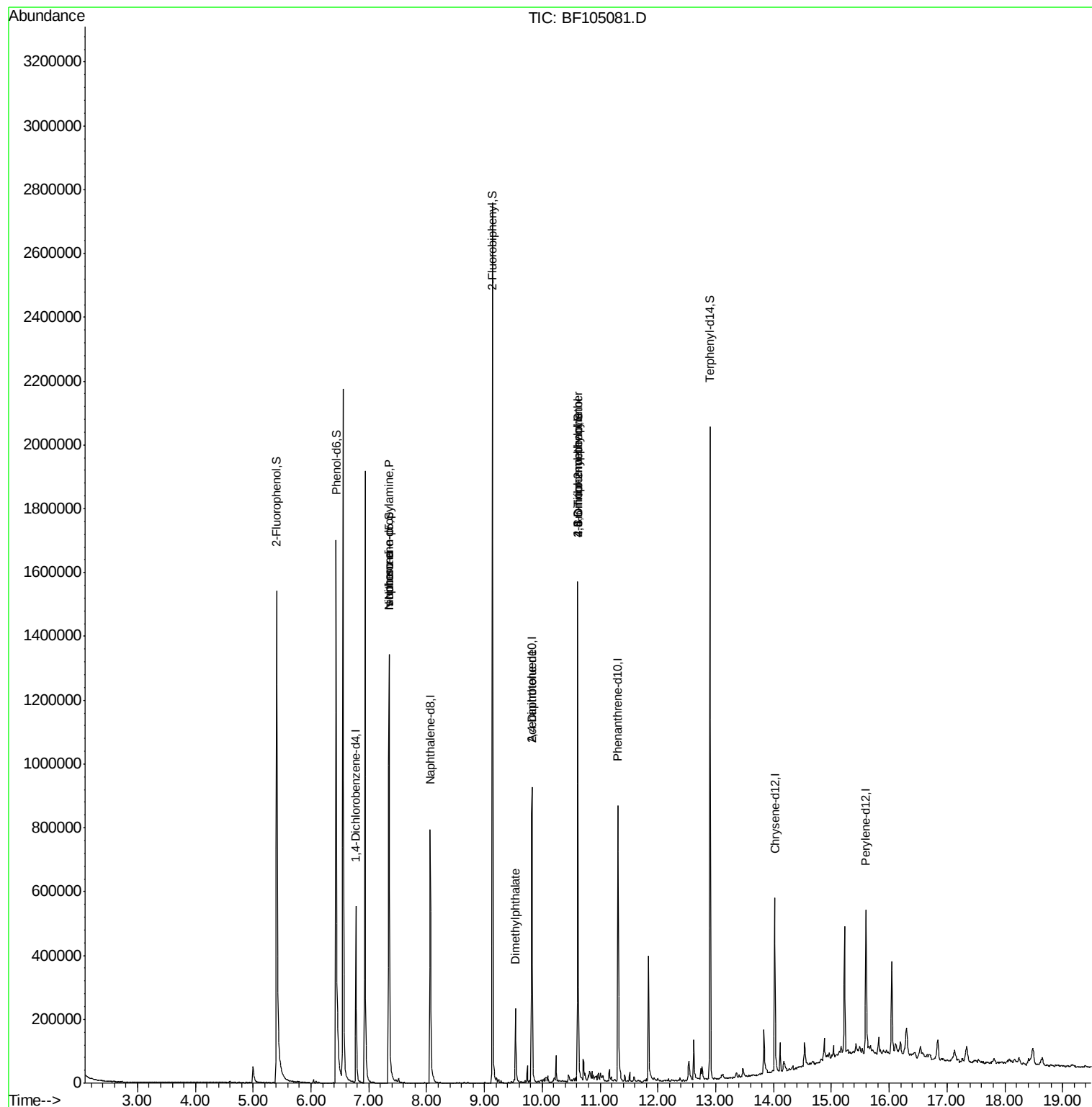
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	104756	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	439545	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	200823	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	342522	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	199591	20.00	ng	-0.01
86) Perylene-d12	15.60	264	180853	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	701859	102.45	ng	0.00
7) Phenol-d6	6.43	99	849074	100.87	ng	0.00
23) Nitrobenzene-d5	7.35	82	507143	75.34	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	213502	102.49	ng	-0.02
44) 2-Fluorobiphenyl	9.14	172	889190	69.95	ng	-0.02
78) Terphenyl-d14	12.90	244	685207	78.27	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	66082	12.01	ng	# 72
25) Isophorone	7.35	82	507139	35.63	ng	# 64
49) Dimethylphthalate	9.54	163	117149	7.40	ng	# 98
56) 2,4-Dinitrotoluene	9.82	165	26383	6.86	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.62	198	411	7.56	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	13104	3.60	ng	# 1
76) Benzidine	12.90	184	9220	Below Cal		# 96

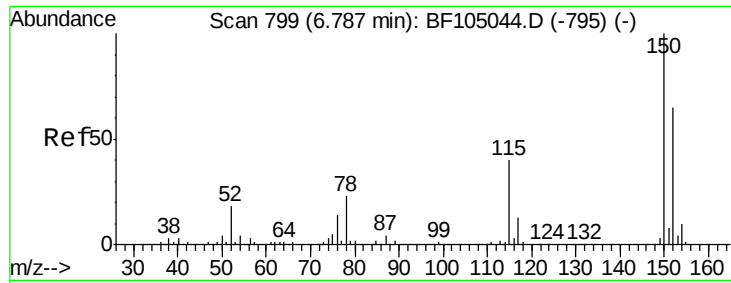
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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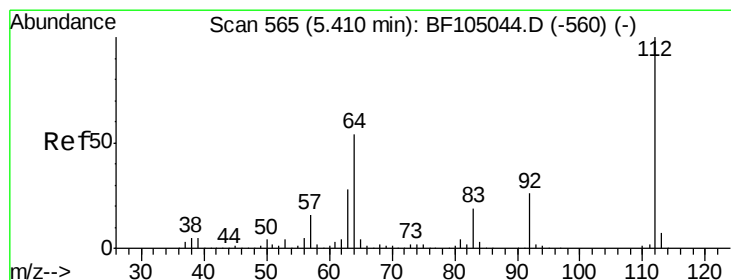
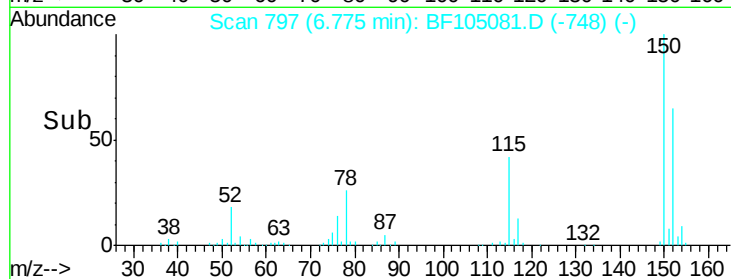
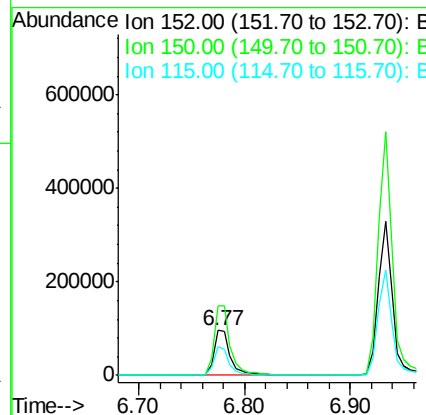
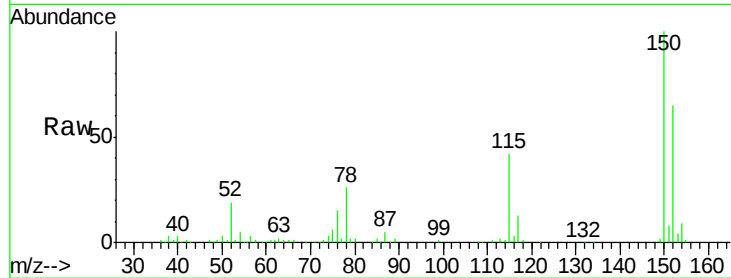


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF105081.D
Acq: 3 May 2018 19:10

Instrument :
BNA_F
ClientSampleId :

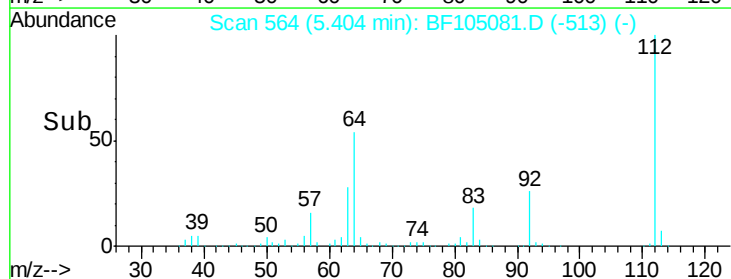
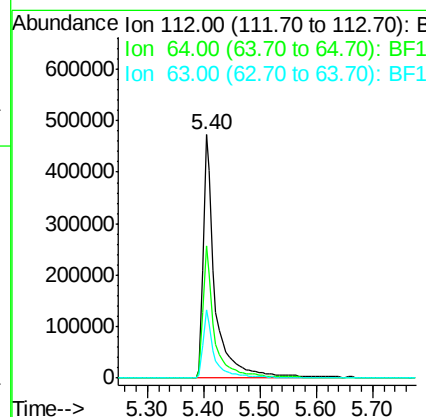
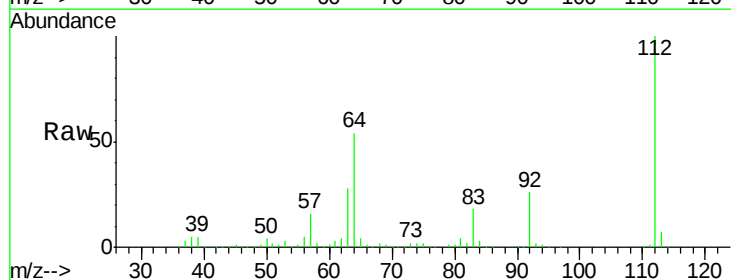
Tot Ion:152 Resp: 104756
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 64.4 50.1 75.1

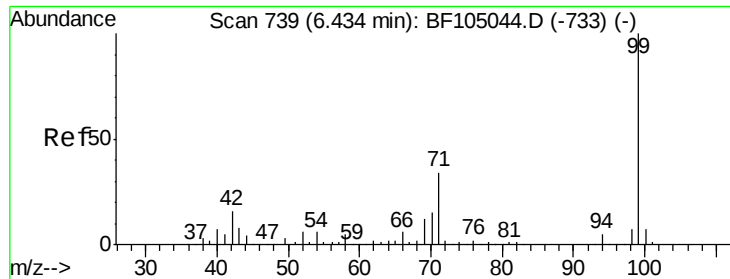


#5

2-Fluorophenol
Concen: 102.45 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF105081.D
Acq: 3 May 2018 19:10

Tgt Ion:112 Resp: 701859
Ion Ratio Lower Upper
112 100
64 54.3 47.9 71.9
63 27.8 23.7 35.5





#7

Phenol-d6

Concen: 100.87 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF105081.D

Acq: 3 May 2018 19:10

Instrument :

BNA_F

ClientSampleId :

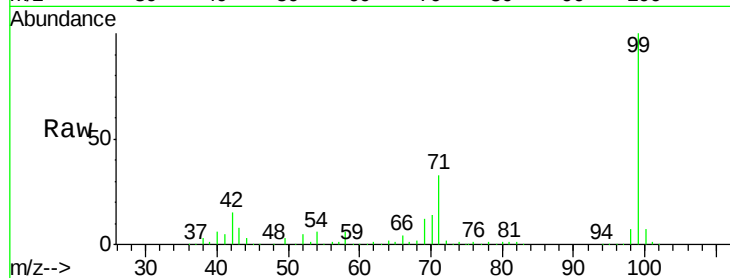
Tot Ion: 99 Resp: 849074

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

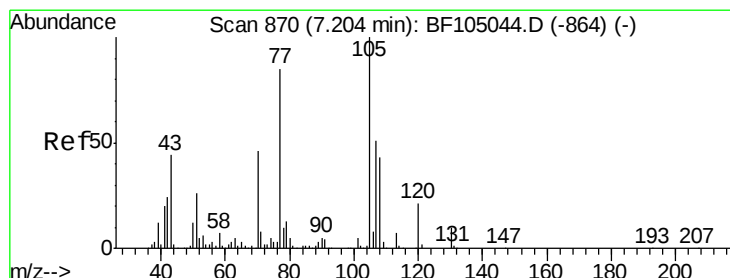
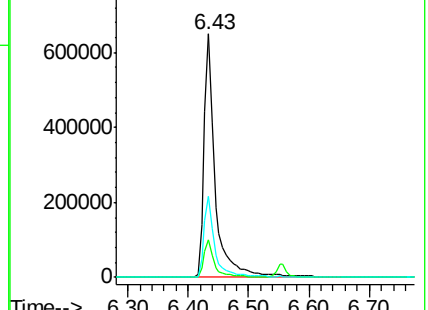
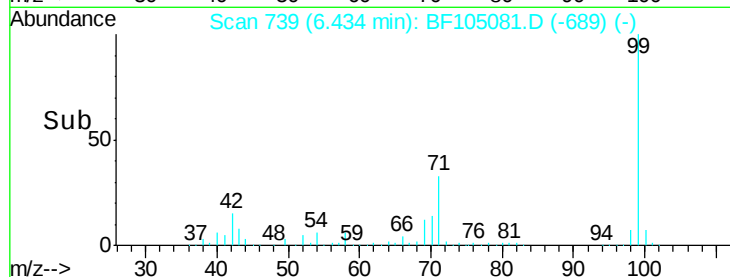
71 33.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 12.01 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.14 min

Lab File: BF105081.D

Acq: 3 May 2018 19:10

Tgt Ion: 70 Resp: 66082

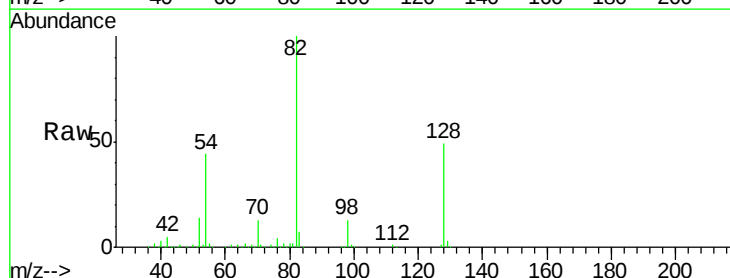
Ion Ratio Lower Upper

70 100

42 41.0 47.5 71.3#

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

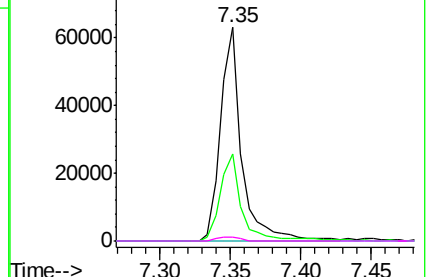
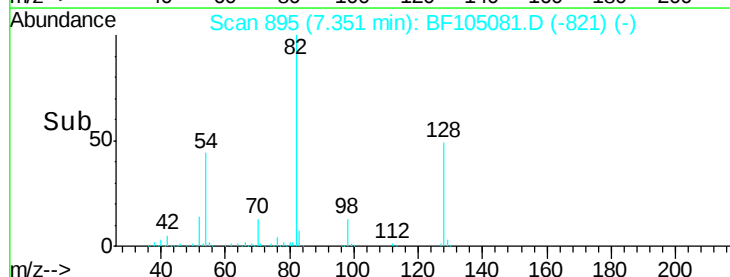


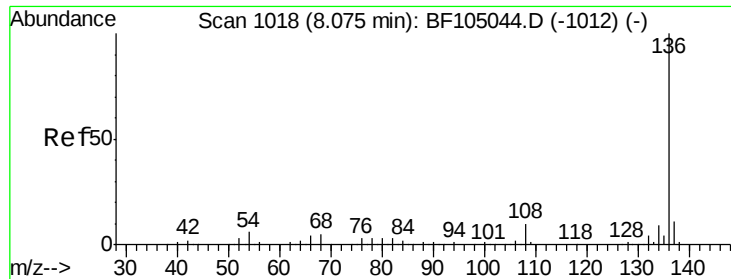
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

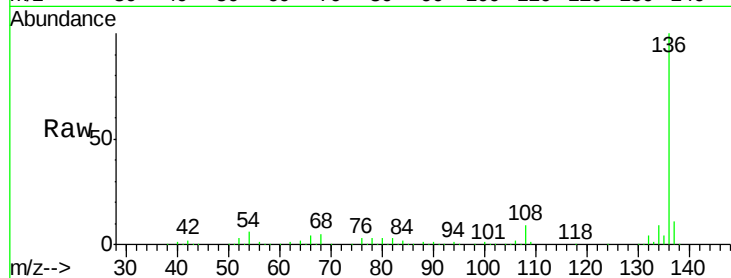




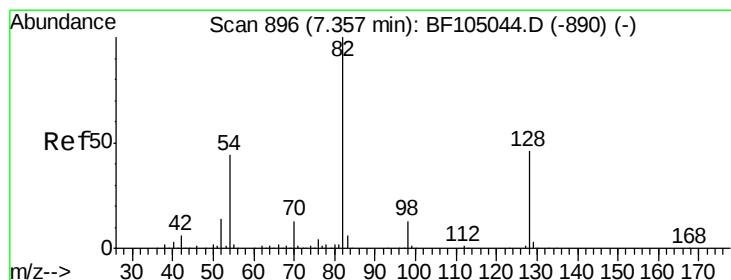
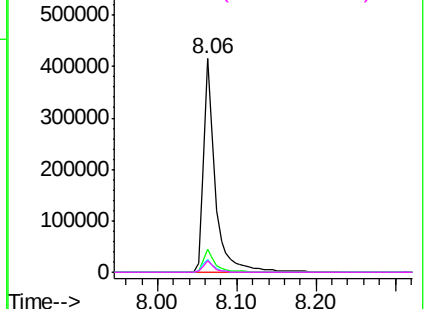
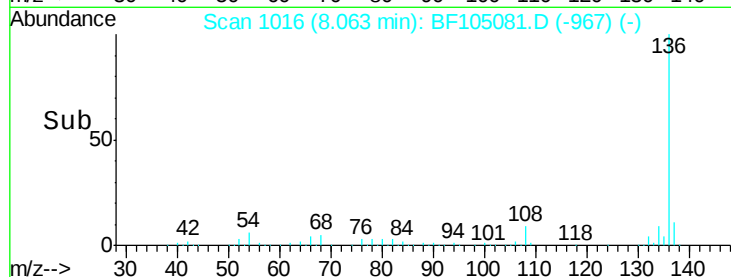
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF105081.D
Acq: 3 May 2018 19:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	439545
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	6.2	6.6 9.8#
68	5.3	5.0 7.4

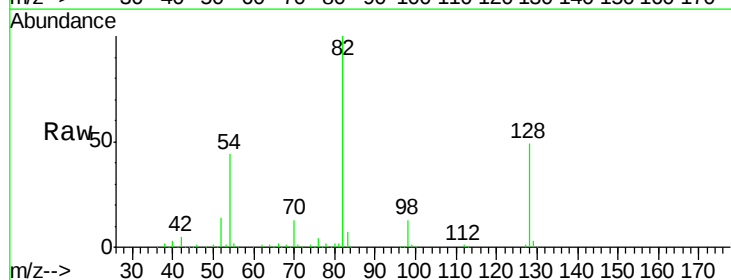


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

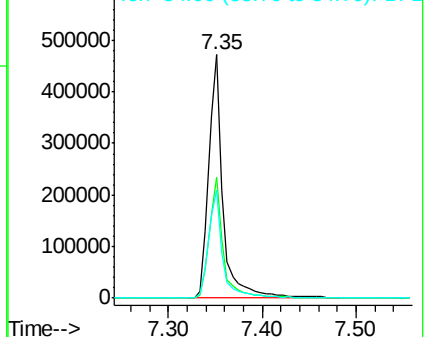
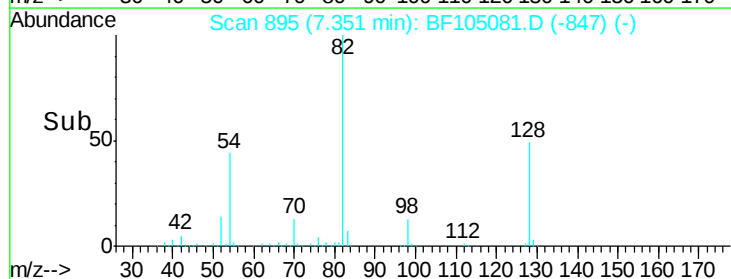


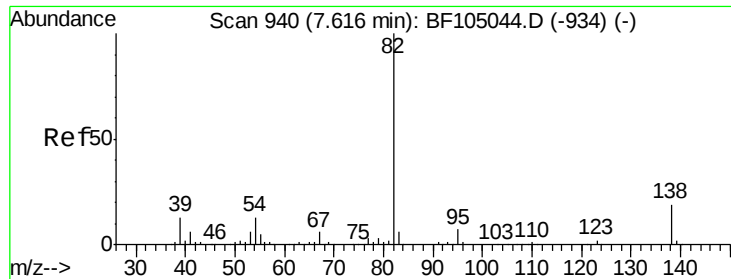
#23
Nitrobenzene-d5
Concen: 75.34 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF105081.D
Acq: 3 May 2018 19:10

Tgt Ion: 82	Resp:	507143
Ion Ratio	Lower	Upper
82	100	
128	49.4	36.1 54.1
54	44.4	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 35.63 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.27 min

Lab File: BF105081.D

Acq: 3 May 2018 19:10

Instrument :

BNA_F

ClientSampleId :

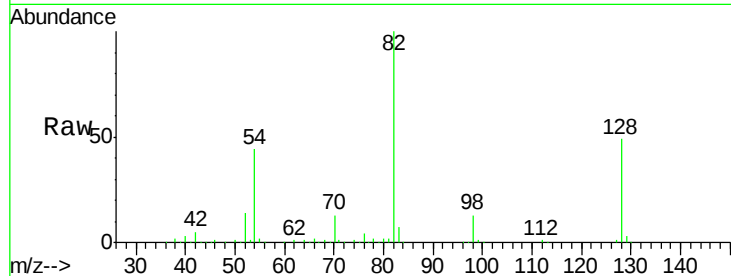
Tot Ion: 82 Resp: 507139

Ion Ratio Lower Upper

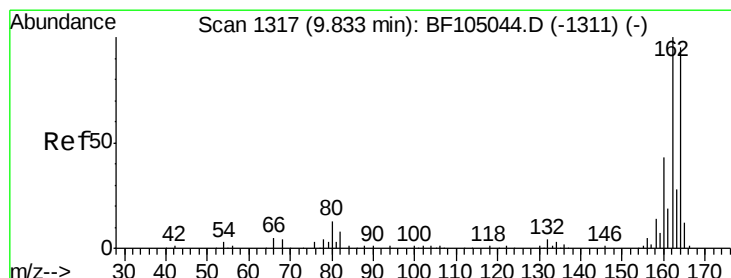
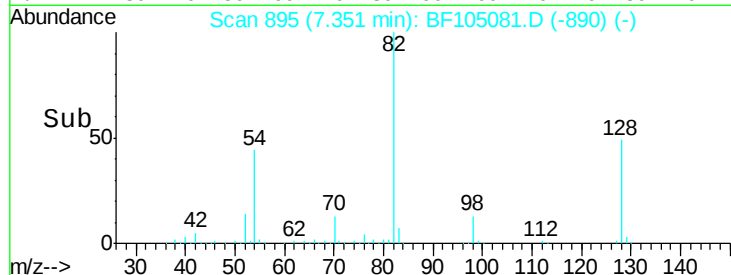
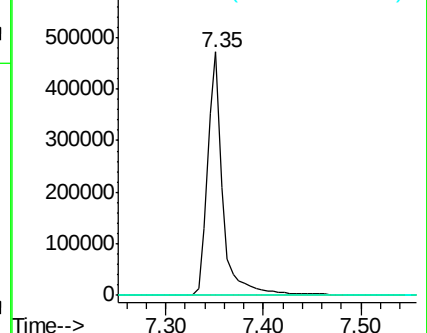
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF105081.D

Acq: 3 May 2018 19:10

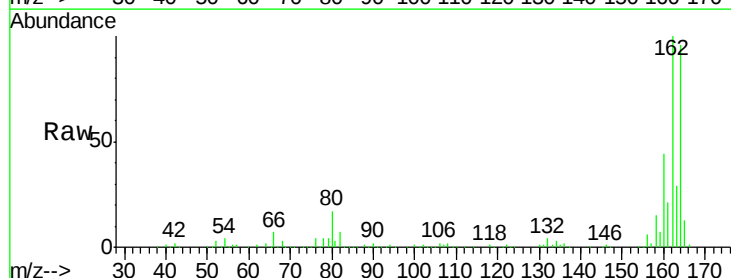
Tgt Ion: 164 Resp: 200823

Ion Ratio Lower Upper

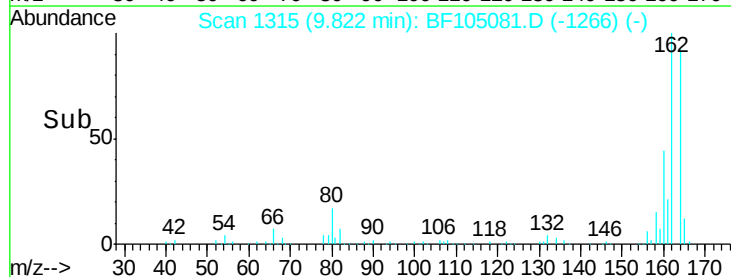
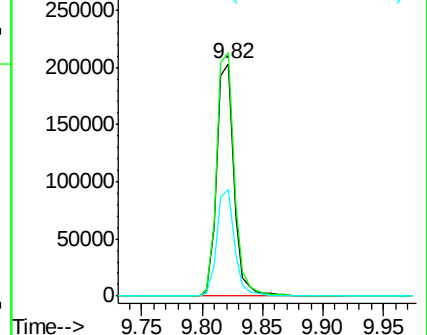
164 100

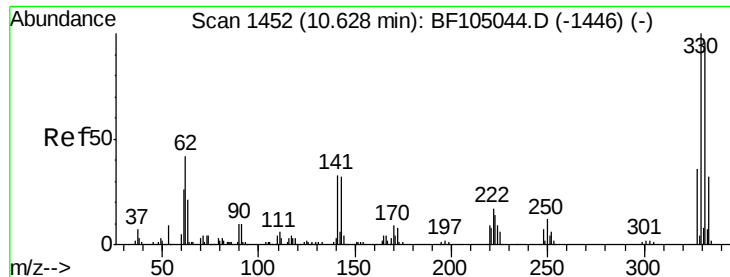
162 104.6 86.1 129.1

160 46.0 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

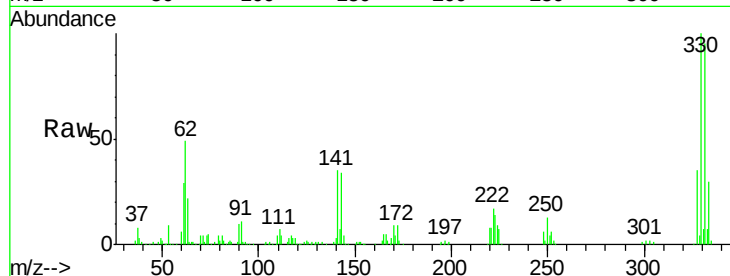




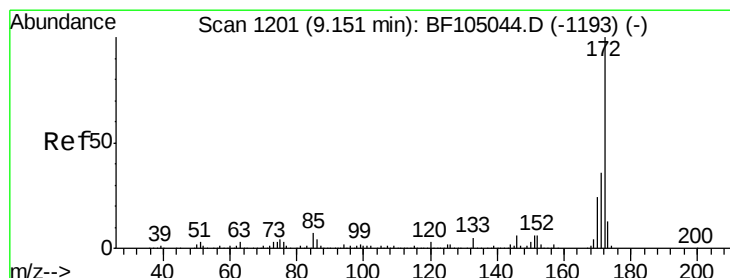
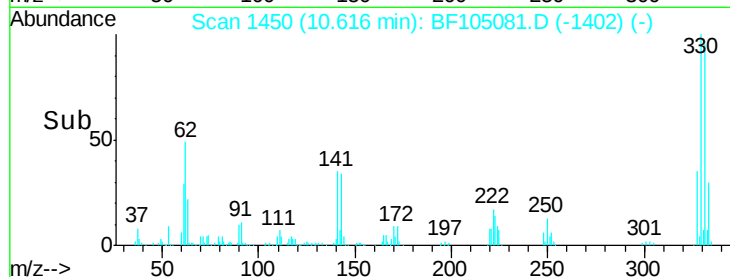
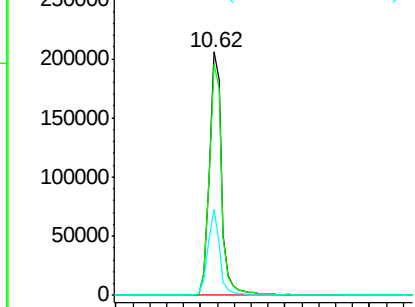
#41
 2,4,6-Tribromophenol
 Concen: 102.49 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.02 min
 Lab File: BF105081.D
 Acq: 3 May 2018 19:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	33.5	29.9	44.9

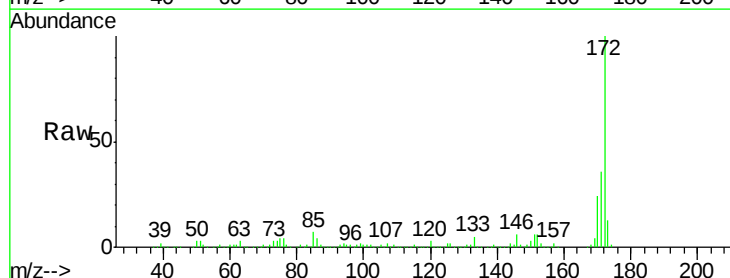


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

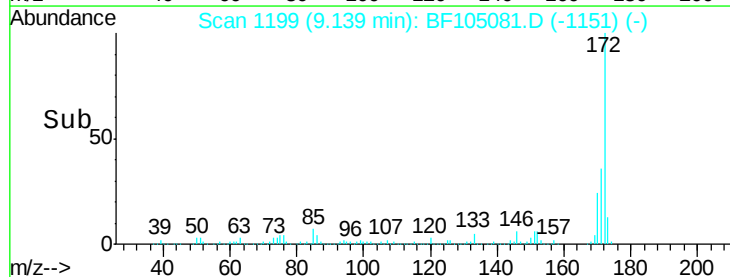
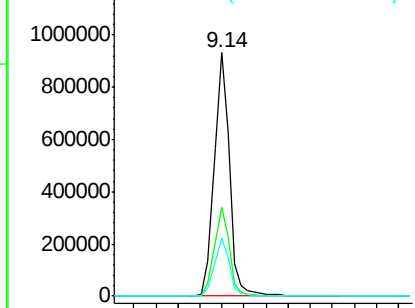


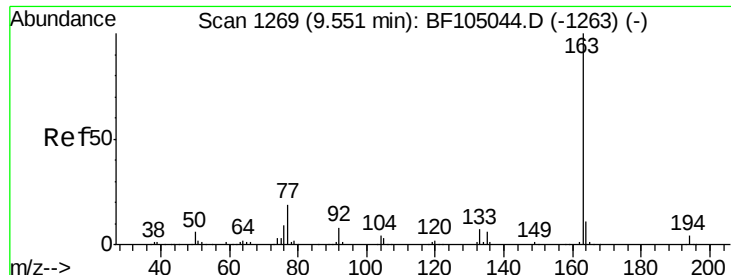
#44
 2-Fluorobiphenyl
 Concen: 69.95 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.02 min
 Lab File: BF105081.D
 Acq: 3 May 2018 19:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.0	19.6	29.4



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

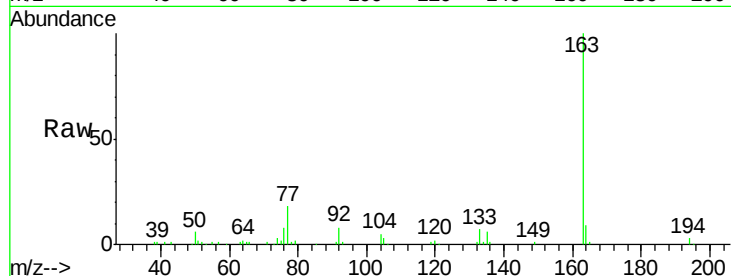




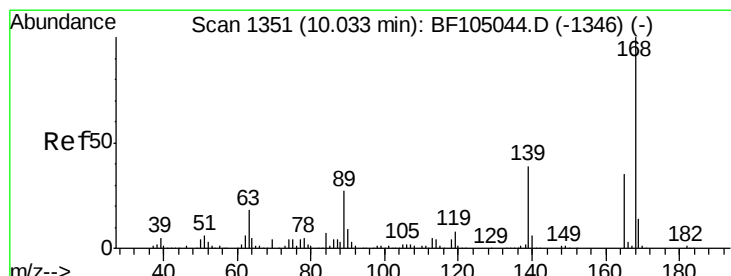
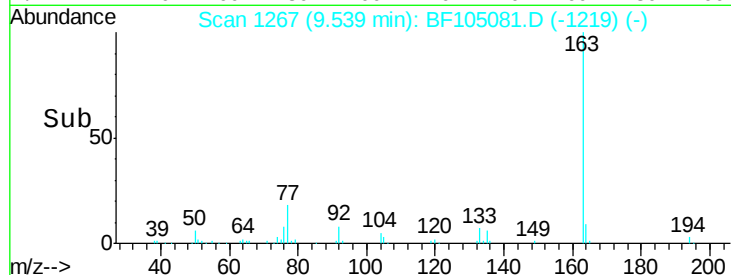
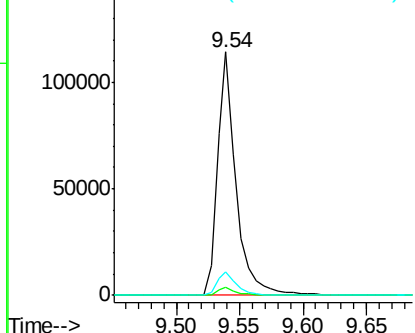
#49
Dimethylphthalate
Concen: 7.40 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF105081.D
Acq: 3 May 2018 19:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 117149
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.5 8.2 12.2

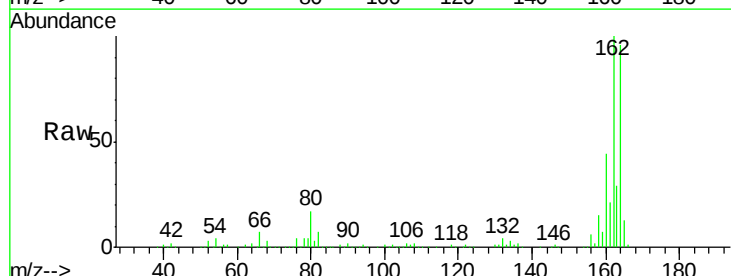


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

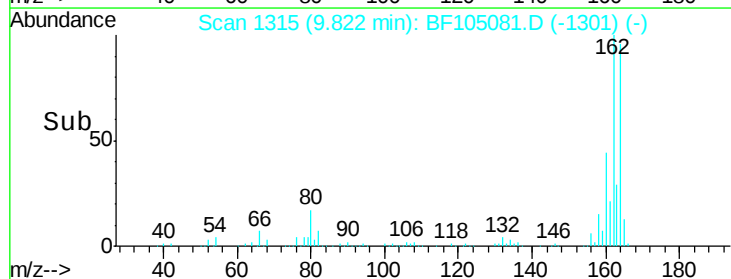
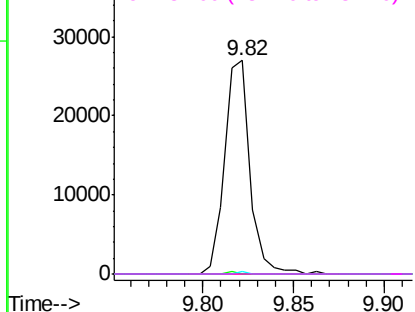


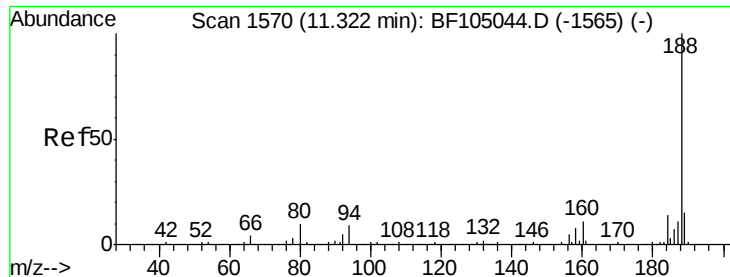
#56
2,4-Dinitrotoluene
Concen: 6.86 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF105081.D
Acq: 3 May 2018 19:10

Tgt Ion:165 Resp: 26383
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 1.5 57.8 86.6#
182 0.0 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

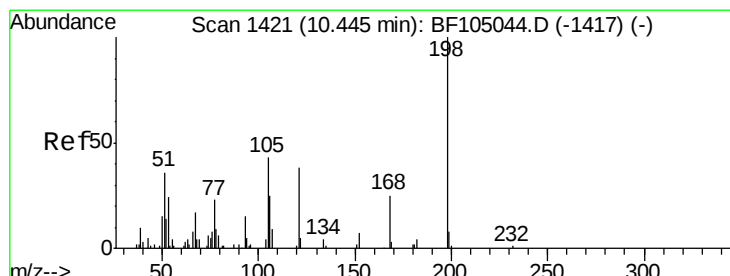
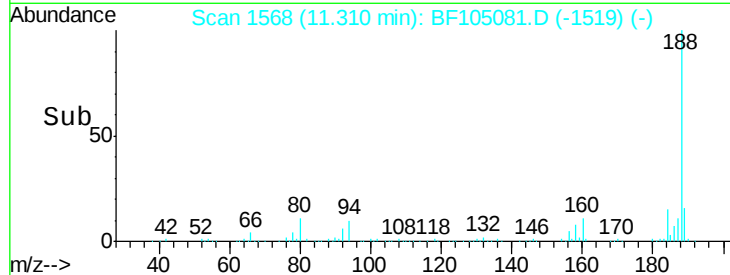
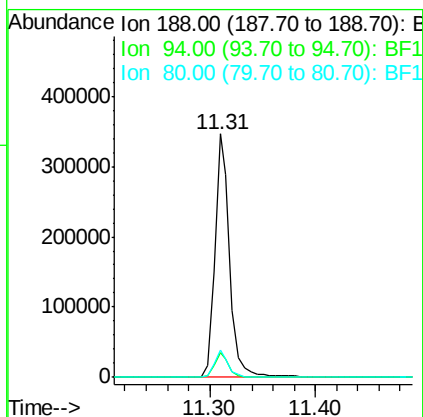
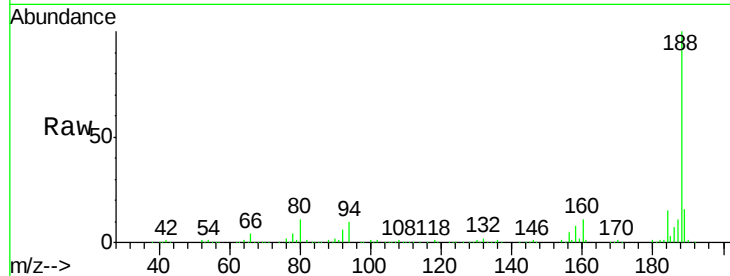




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF105081.D
 Acq: 3 May 2018 19:10

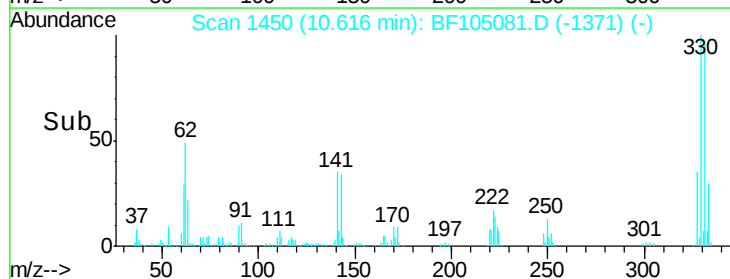
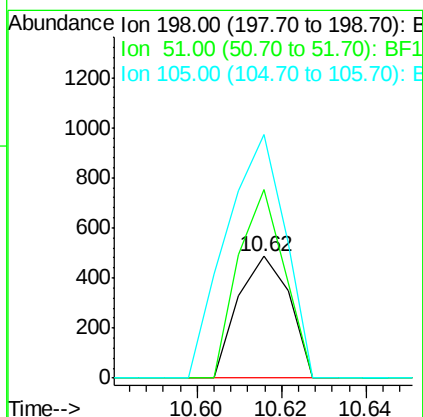
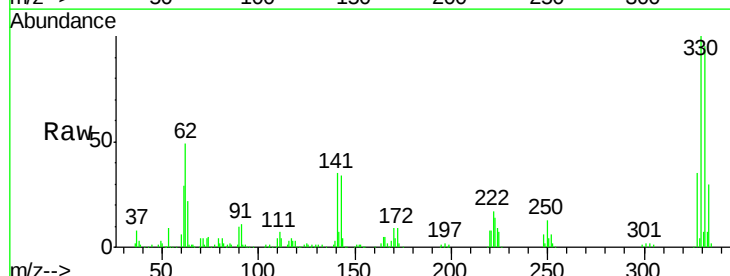
Instrument :
 BNA_F
 ClientSampleId :

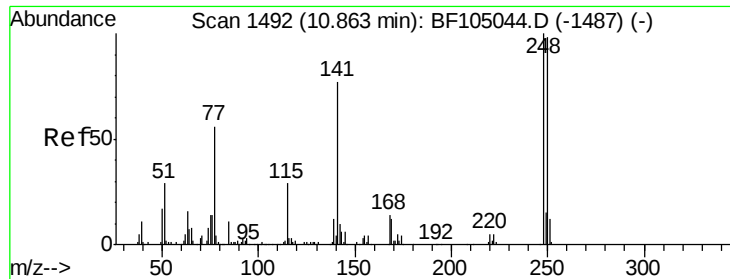
Tot Ion:188 Resp: 342522
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.5 12.7
 80 11.3 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.56 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.16 min
 Lab File: BF105081.D
 Acq: 3 May 2018 19:10

Tgt Ion:198 Resp: 411
 Ion Ratio Lower Upper
 198 100
 51 155.7 37.7 77.7#
 105 200.4 36.3 76.3#

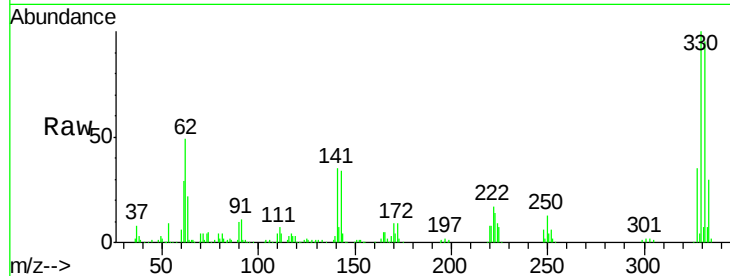




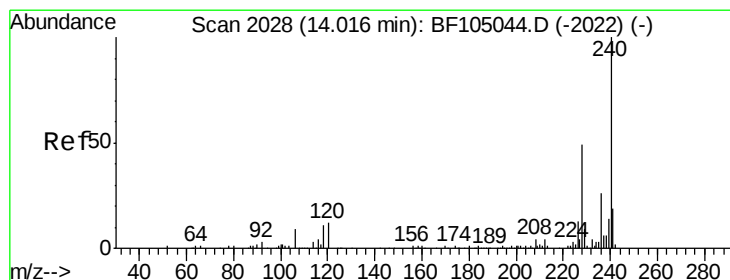
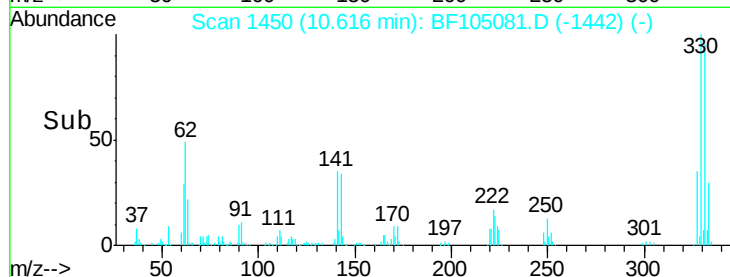
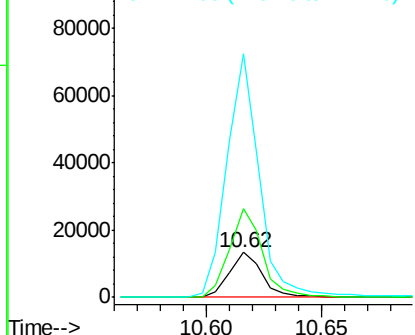
#66
4-Bromophenyl-phenylether
Concen: 3.60 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF105081.D
Acq: 3 May 2018 19:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 13104
Ion Ratio Lower Upper
248 100
250 196.6 76.9 115.3#
141 541.4 74.4 111.6#

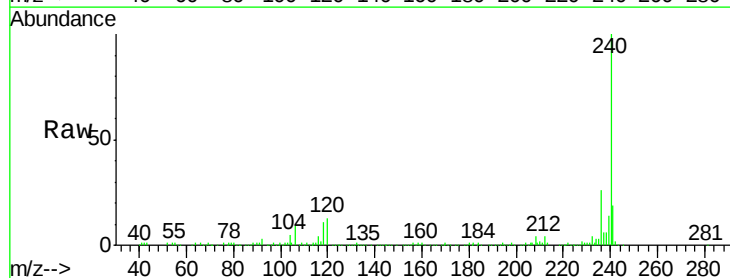


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

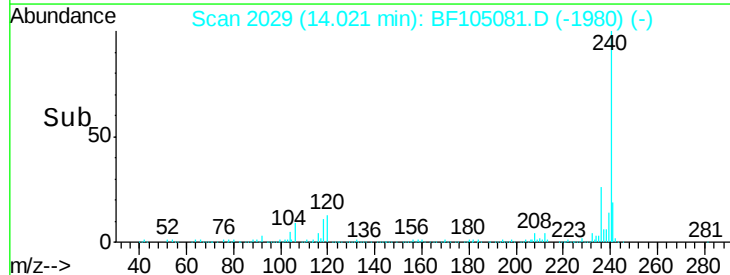
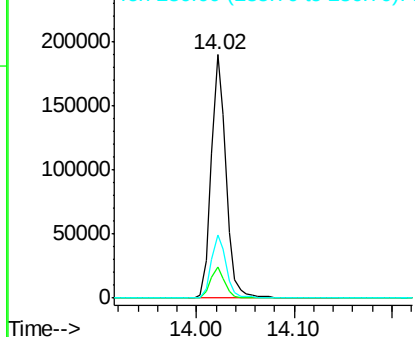


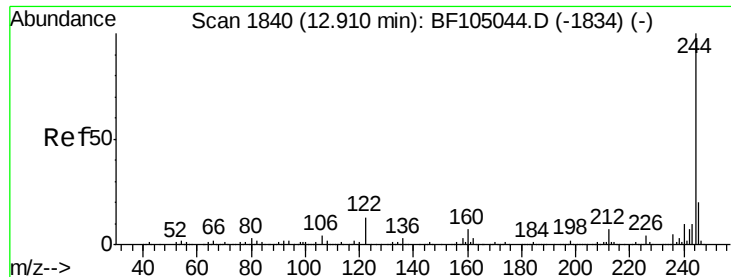
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF105081.D
Acq: 3 May 2018 19:10

Tgt Ion:240 Resp: 199591
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 26.0 20.7 31.1



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

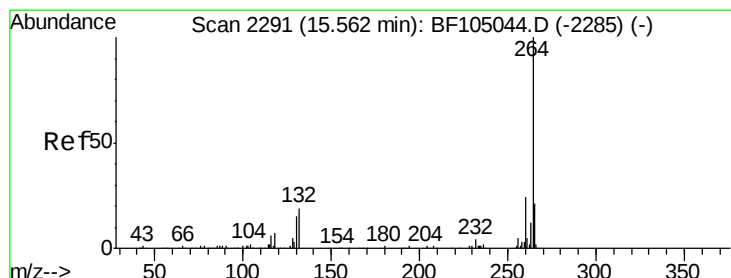
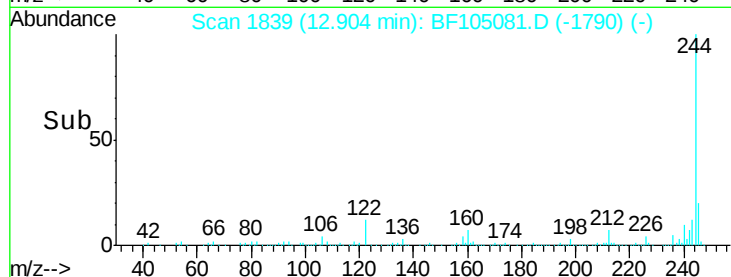
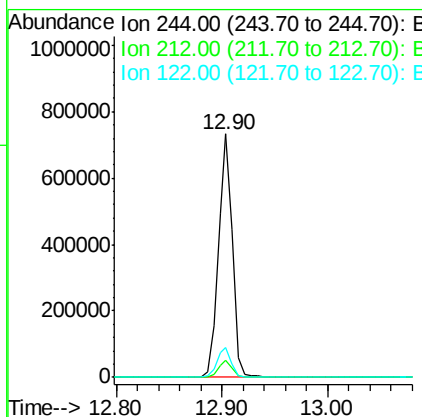
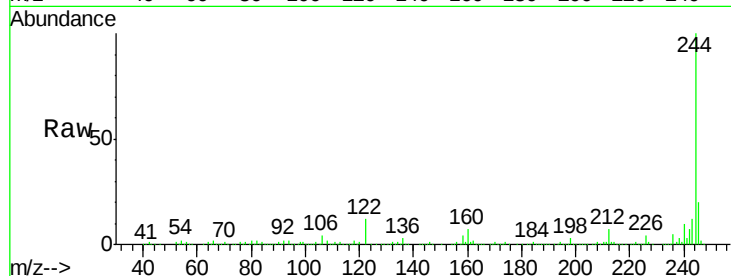




#78
 Terphenyl-d14
 Concen: 78.27 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF105081.D
 Acq: 3 May 2018 19:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 685207
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.60 min Scan# 2297
 Delta R.T. 0.01 min
 Lab File: BF105081.D
 Acq: 3 May 2018 19:10

Tgt Ion:264 Resp: 180853
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.3 17.5 26.3

