

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050218\
 Data File : BF105064.D
 Acq On : 3 May 2018 6:55
 Operator : JU/SJ
 Sample : J2684-10
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 03 08:59:07 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

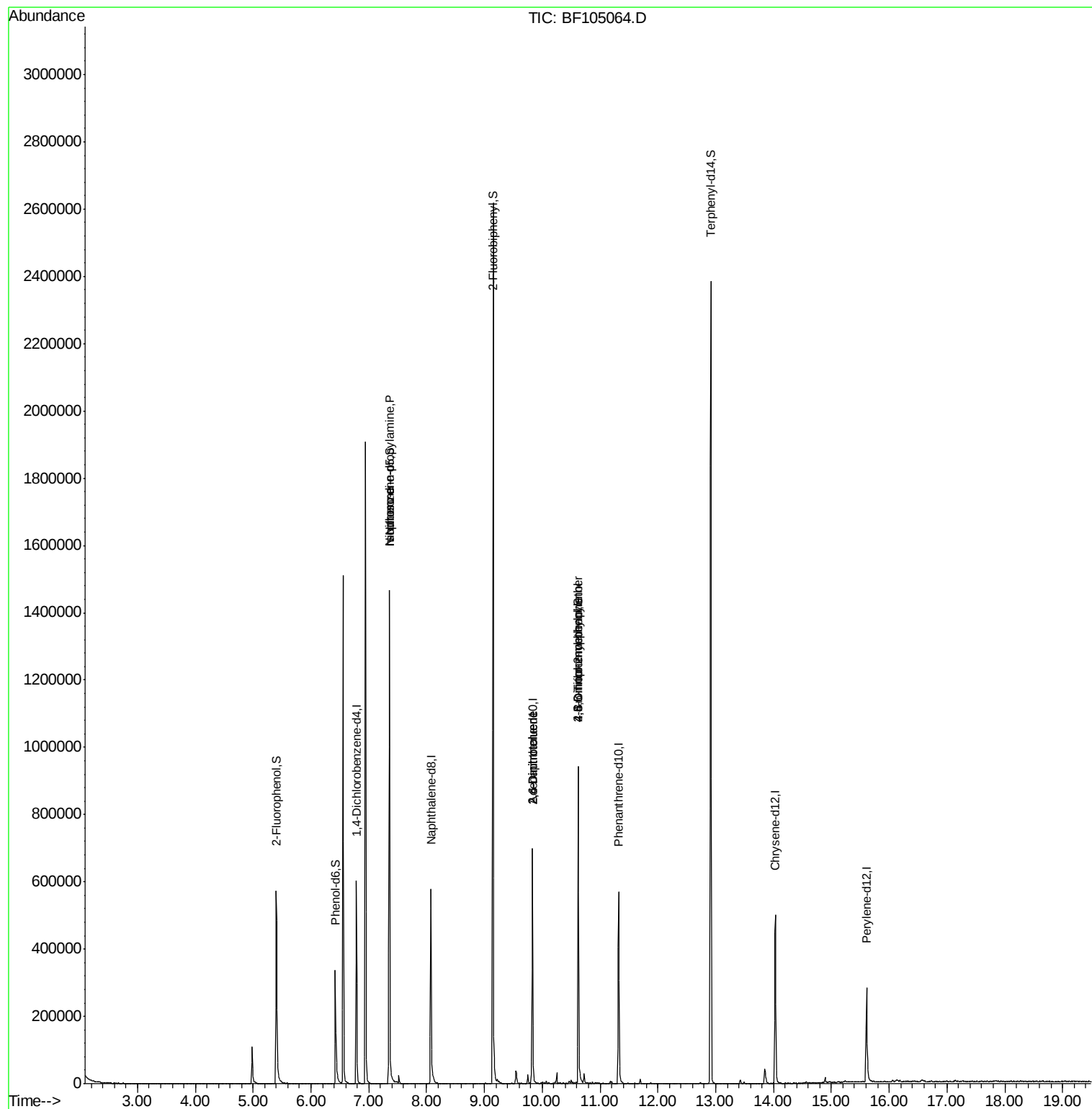
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	87202	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	350046	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	147736	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	241861	20.00	ng	0.00
75) Chrysene-d12	14.03	240	207750	20.00	ng	0.00
86) Perylene-d12	15.61	264	162819	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	218939	38.39	ng	0.00
7) Phenol-d6	6.42	99	159794	22.80	ng	-0.02
23) Nitrobenzene-d5	7.36	82	510487	95.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	130732	85.31	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	918611	98.23	ng	0.00
78) Terphenyl-d14	12.92	244	811281	89.03	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	65102	14.218	ng	# 72
25) Isophorone	7.36	82	503765	44.439	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	18573	8.616	ng	# 24
56) 2,4-Dinitrotoluene	9.83	165	18573	6.568	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.62	198	112	7.428	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	7946	3.089	ng	# 1
76) Benzydine	12.92	184	10314	Below Cal		# 96

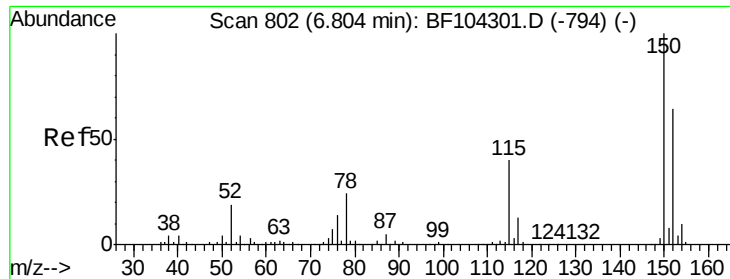
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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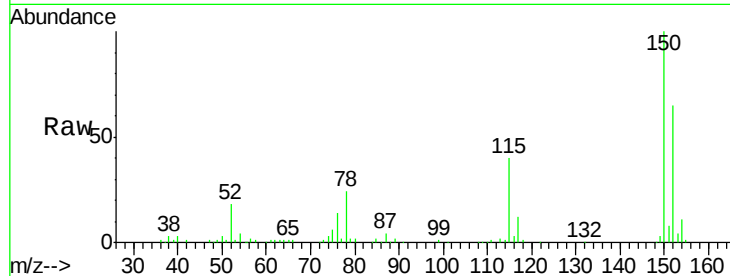


#1

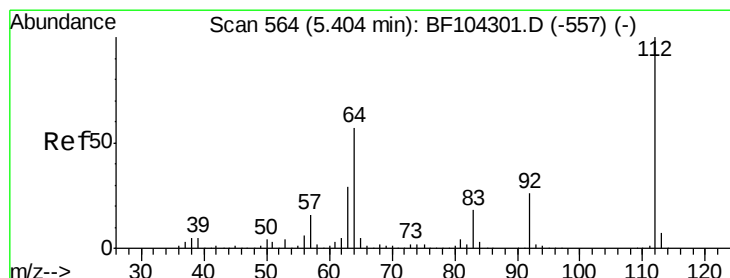
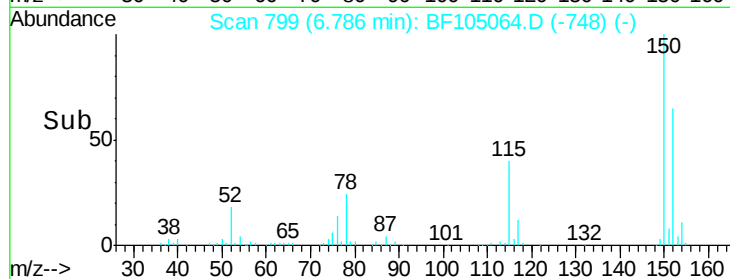
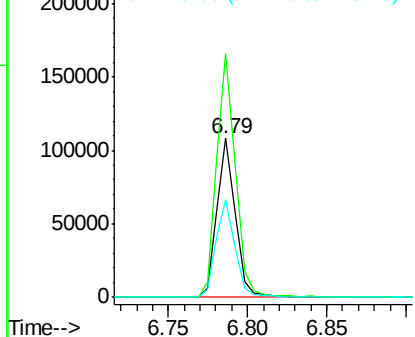
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF105064.D
Acq: 3 May 2018 6:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 87202
Ion Ratio Lower Upper
152 100
150 153.4 124.6 186.8
115 61.5 50.1 75.1



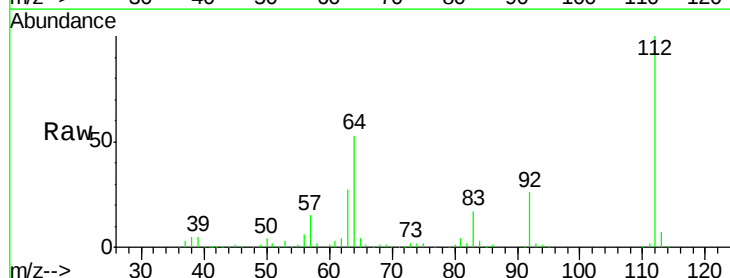
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



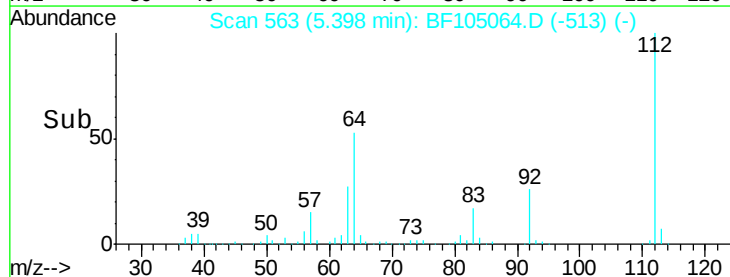
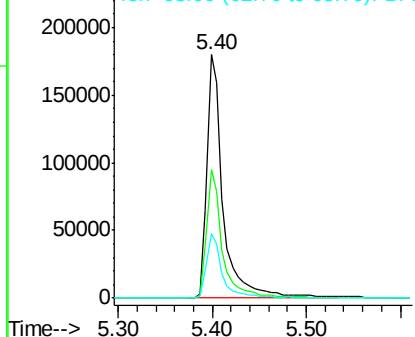
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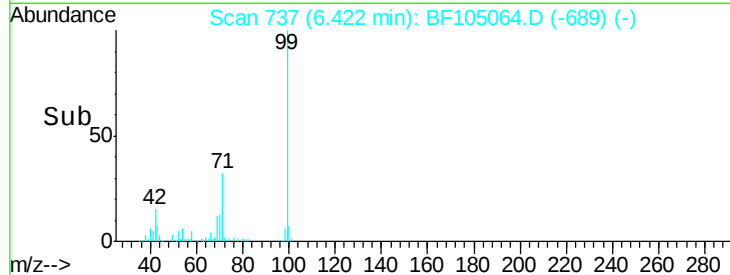
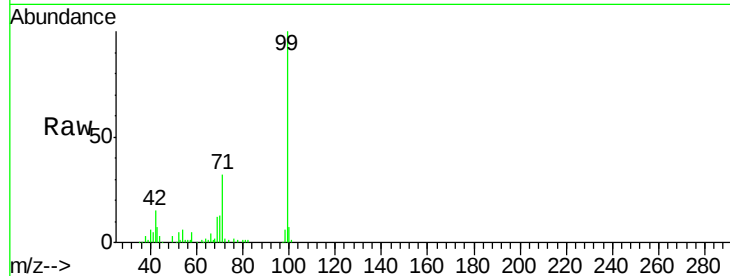
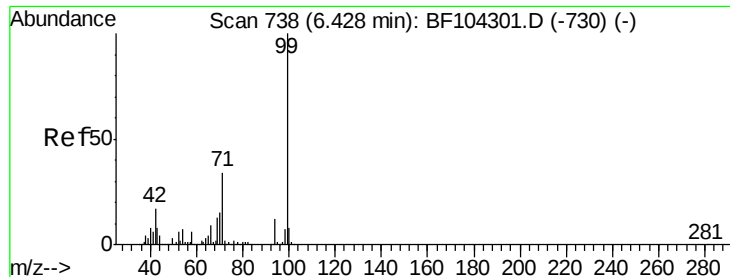
2-Fluorophenol
Concen: 38.390 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF105064.D
Acq: 3 May 2018 6:55

Tgt Ion:112 Resp: 218939
Ion Ratio Lower Upper
112 100
64 52.7 47.9 71.9
63 26.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 22.804 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF105064.D

Acq: 3 May 2018 6:55

Instrument :

BNA_F

ClientSampleId :

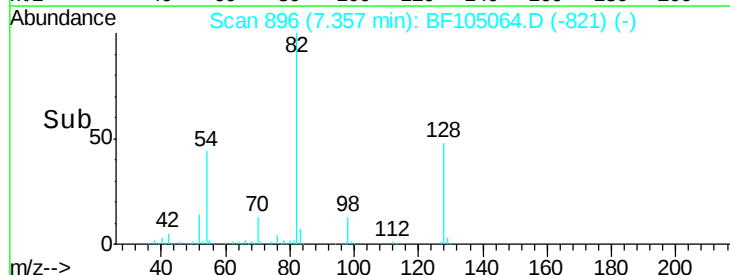
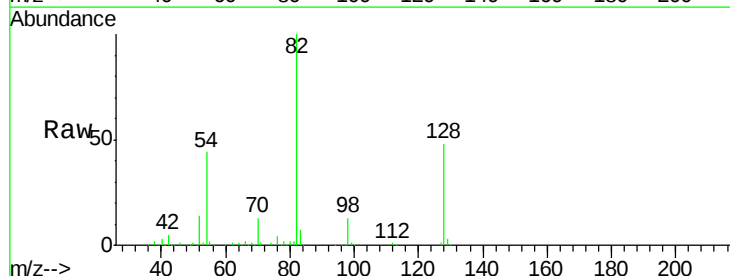
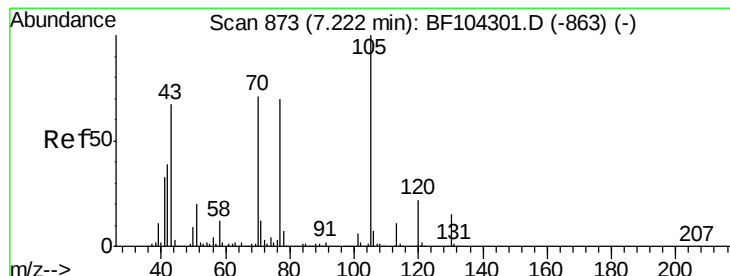
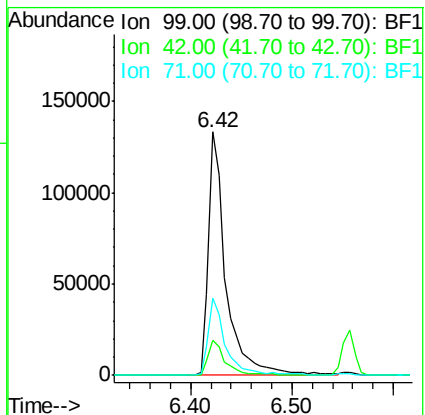
Tgt Ion: 99 Resp: 159794

Ion Ratio Lower Upper

99 100

42 14.5 14.5 21.7

71 31.9 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.218 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF105064.D

Acq: 3 May 2018 6:55

Tgt Ion: 70 Resp: 65102

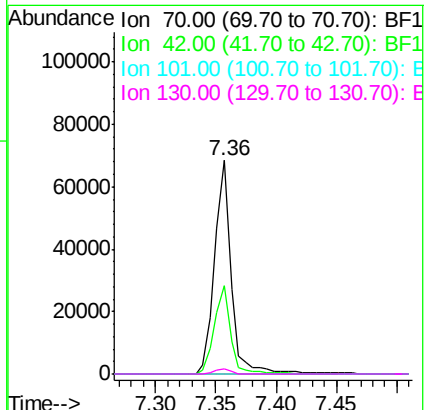
Ion Ratio Lower Upper

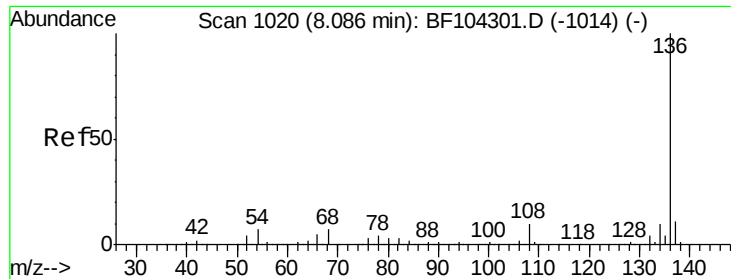
70 100

42 41.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

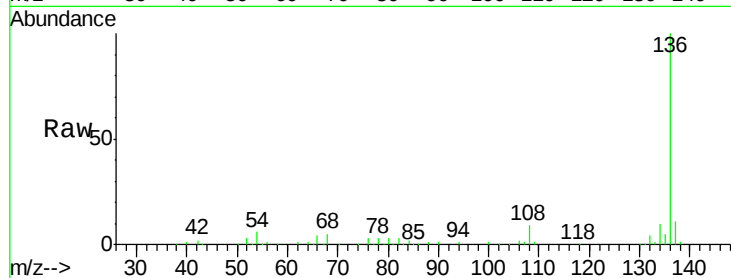




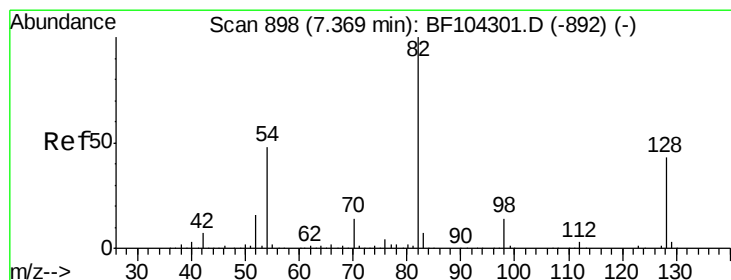
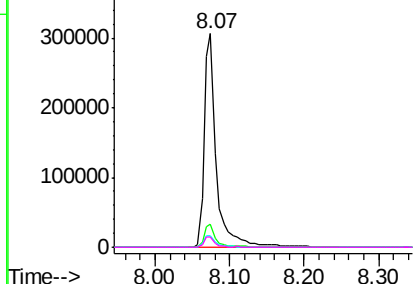
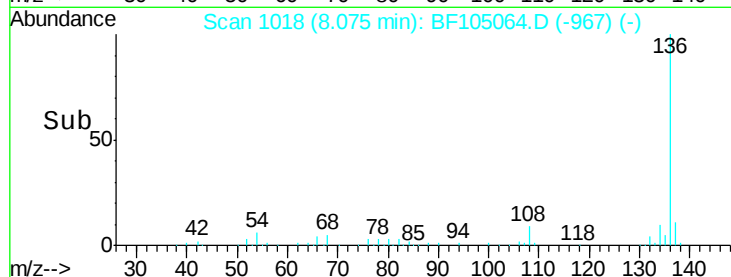
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105064.D
Acq: 3 May 2018 6:55

Instrument :
BNA_F
ClientSampled :

Tgt Ion:	136	Resp:	350046
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	5.6	6.6	9.8#
68	5.0	5.0	7.4

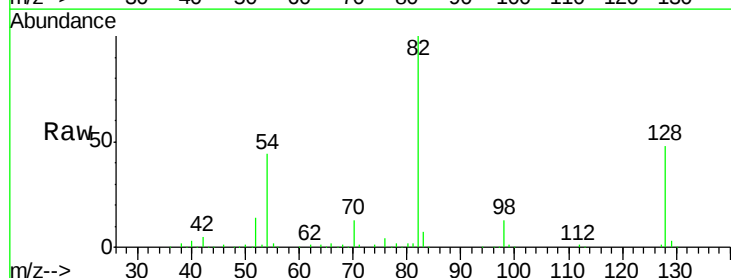


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

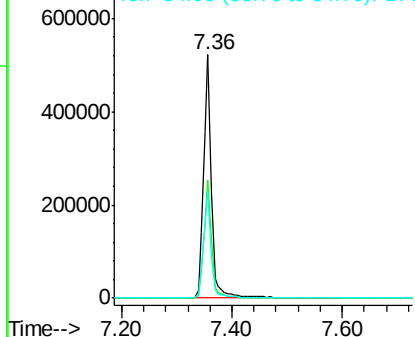
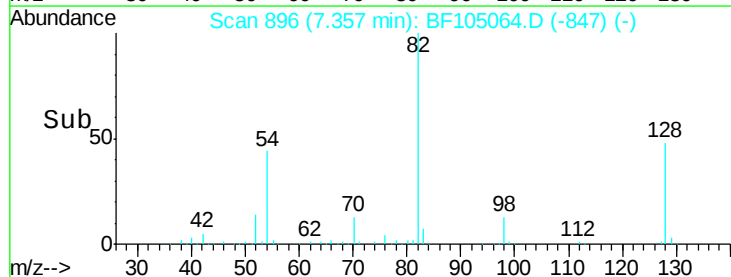


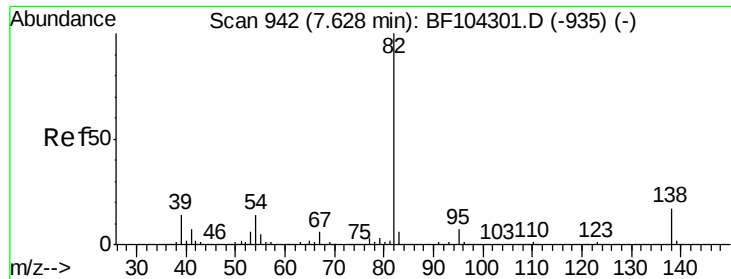
#23
Nitrobenzene-d5
Concen: 95.227 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105064.D
Acq: 3 May 2018 6:55

Tgt Ion:	82	Resp:	510487
Ion	Ratio	Lower	Upper
82	100		
128	48.5	36.1	54.1
54	43.6	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: 44.439 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF105064.D

Acq: 3 May 2018 6:55

Instrument :

BNA_F

ClientSampleId :

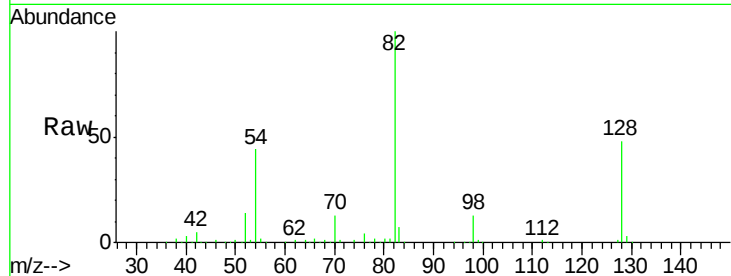
Tgt Ion: 82 Resp: 503765

Ion Ratio Lower Upper

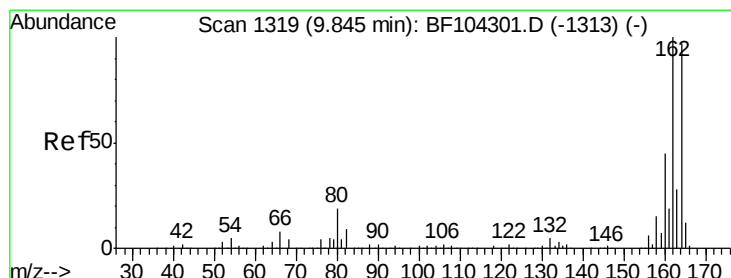
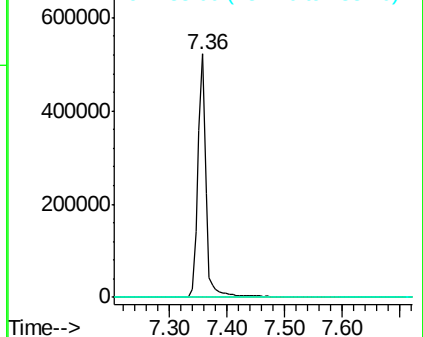
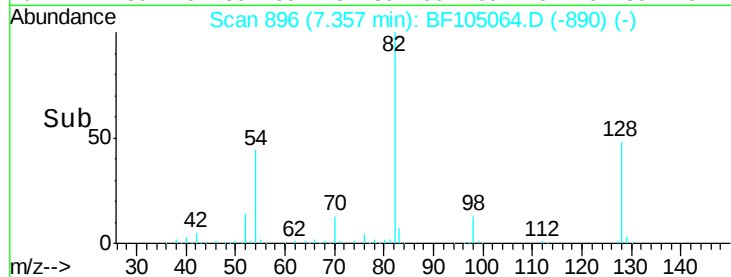
82 100

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: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF105064.D

Acq: 3 May 2018 6:55

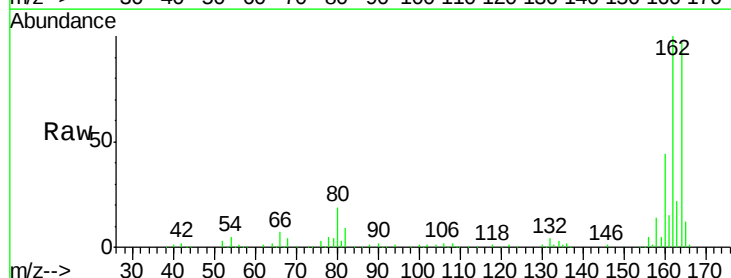
Tgt Ion: 164 Resp: 147736

Ion Ratio Lower Upper

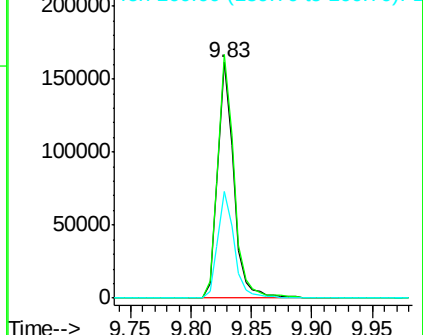
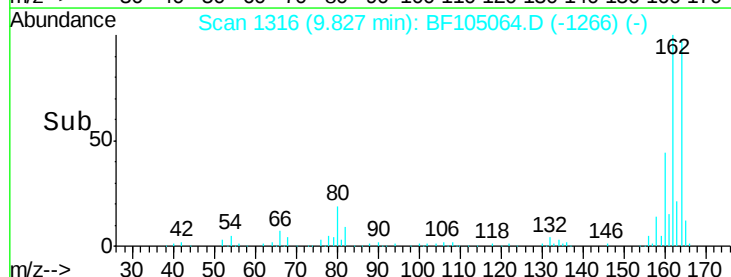
164 100

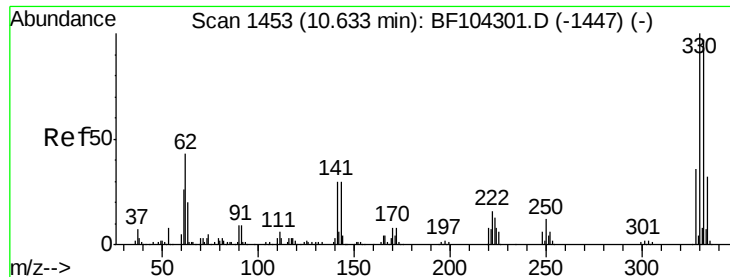
162 103.3 86.1 129.1

160 45.4 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

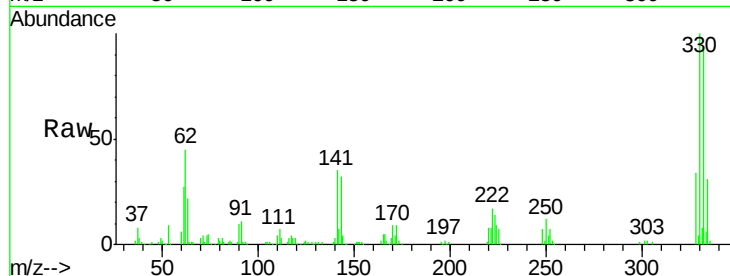




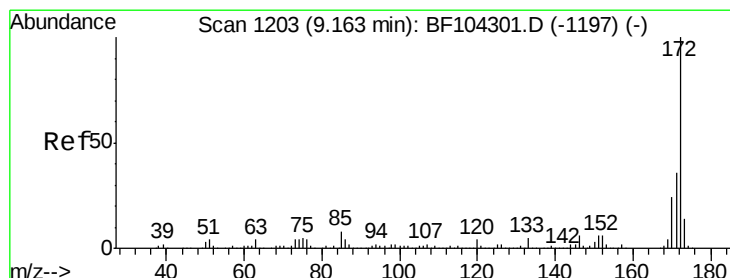
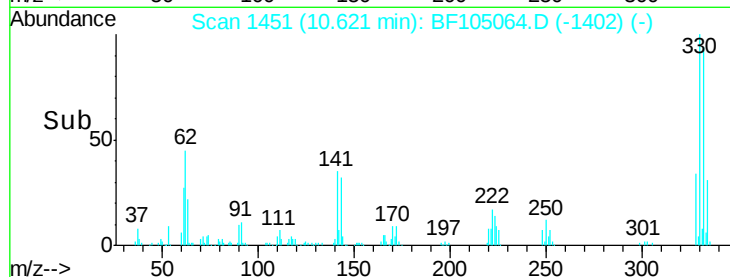
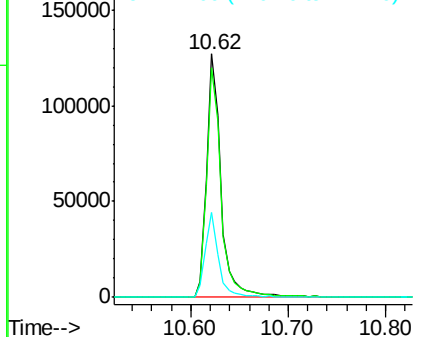
#41
 2,4,6-Tribromophenol
 Concen: 85.306 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF105064.D
 Acq: 3 May 2018 6:55

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:330 Resp: 130732
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 32.5 29.9 44.9

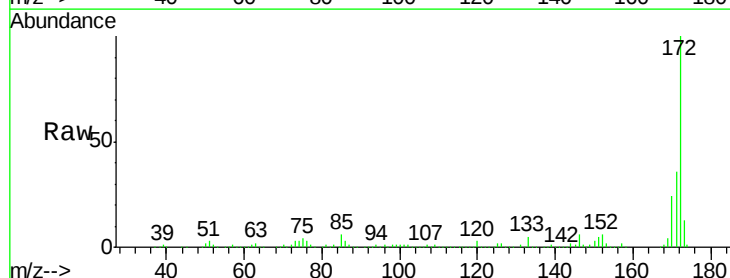


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

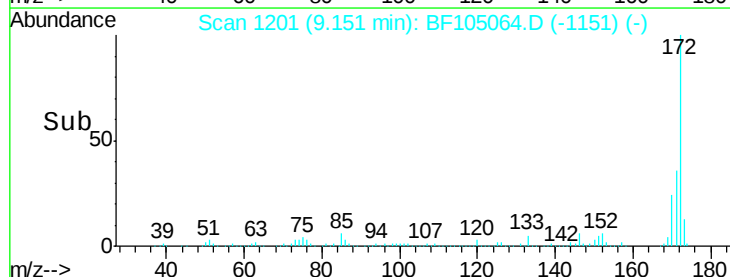
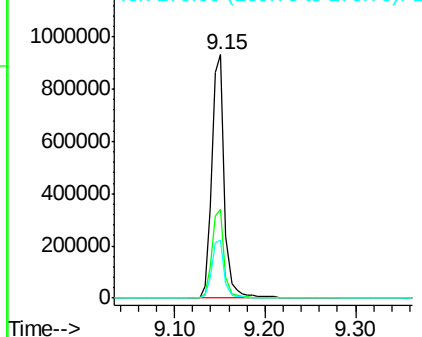


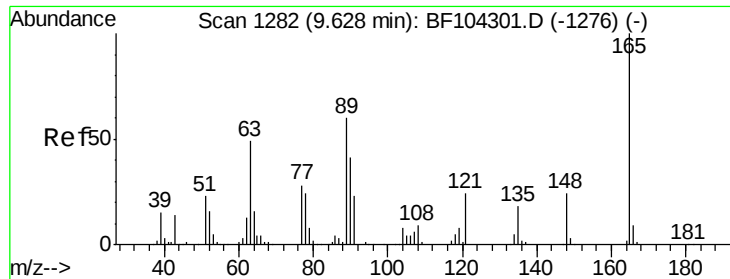
#44
 2-Fluorobiphenyl
 Concen: 98.228 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105064.D
 Acq: 3 May 2018 6:55

Tgt Ion:172 Resp: 918611
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.1 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

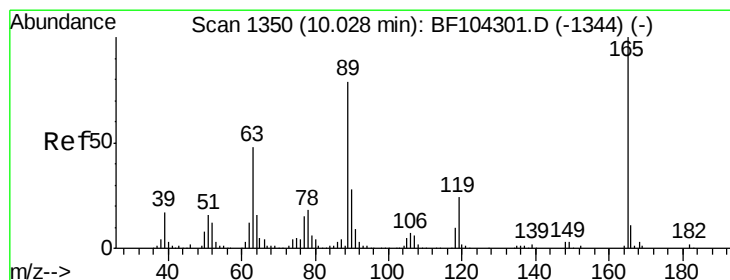
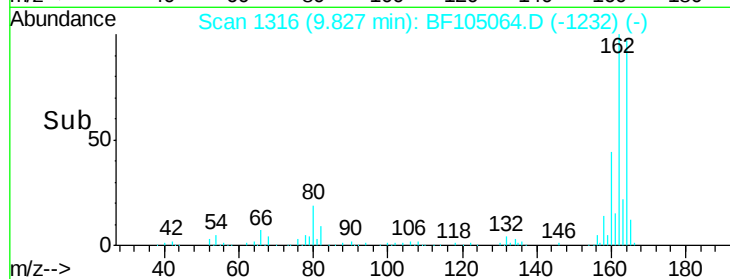
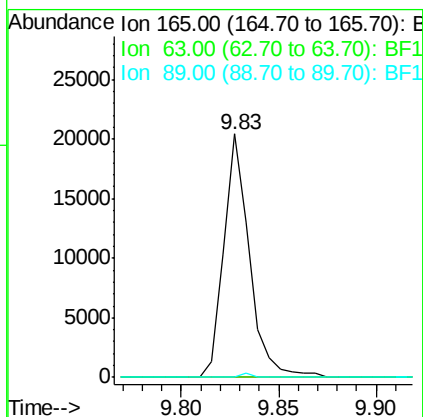
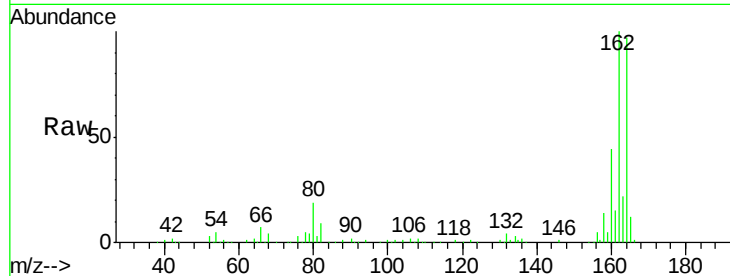




#50
 2,6-Dinitrotoluene
 Concen: 8.616 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.19 min
 Lab File: BF105064.D
 Acq: 3 May 2018 6:55

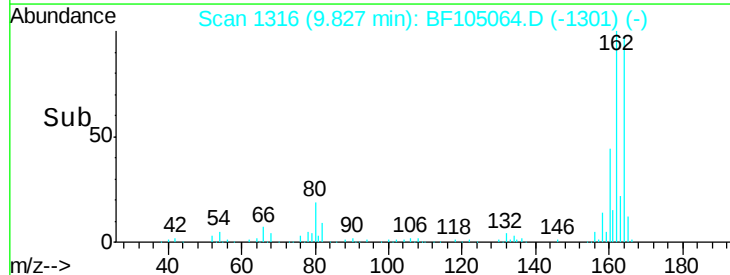
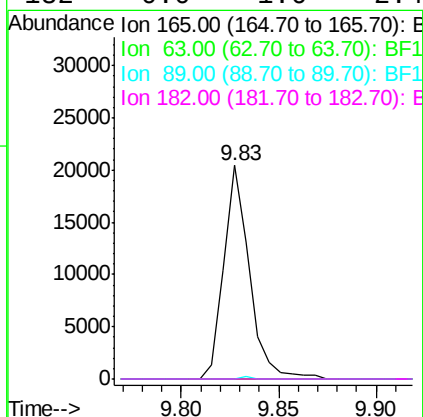
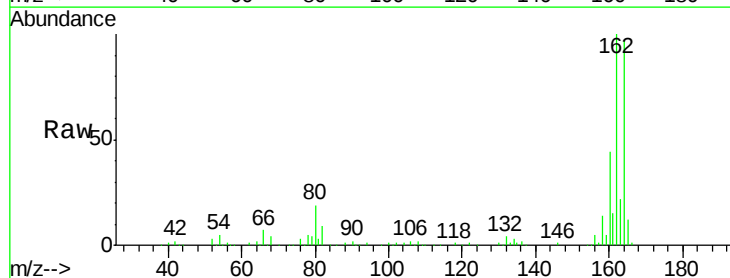
Instrument :
 BNA_F
 ClientSampleId :

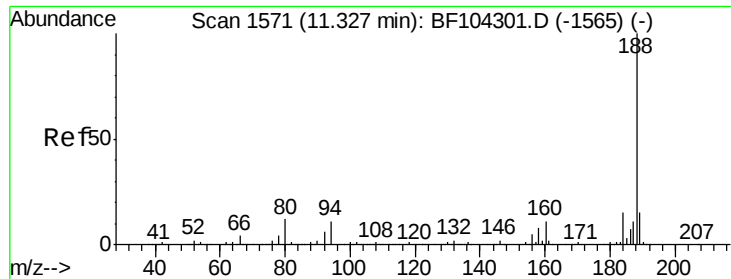
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.568 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF105064.D
 Acq: 3 May 2018 6:55

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

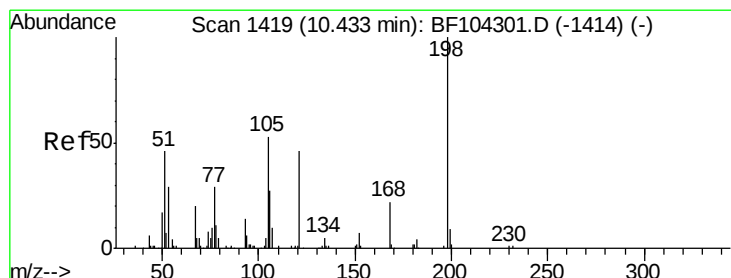
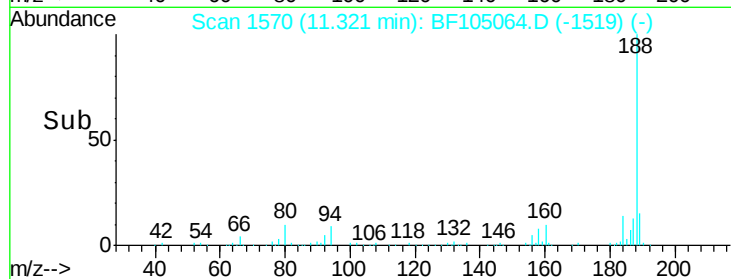
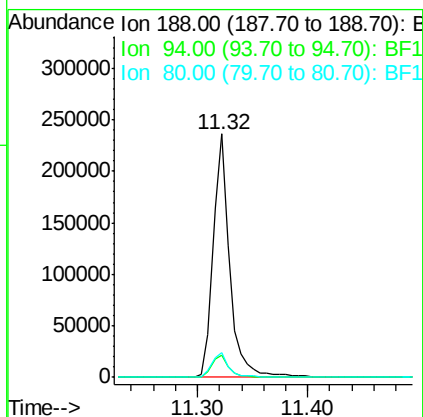
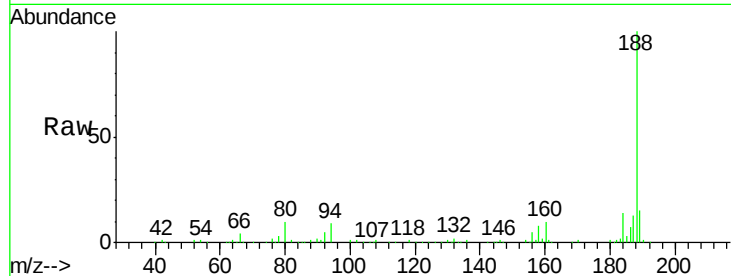




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF105064.D
Acq: 3 May 2018 6:55

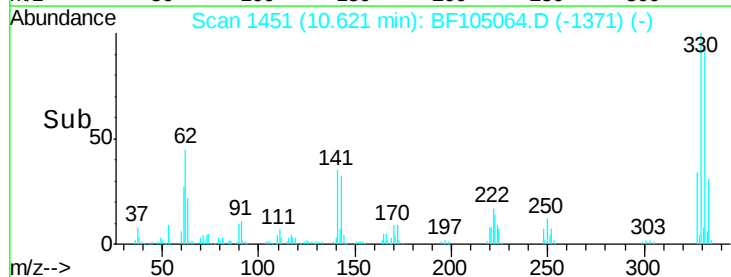
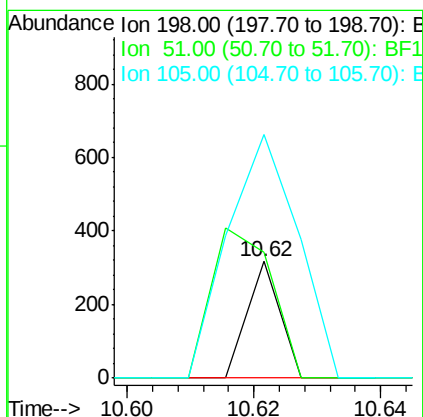
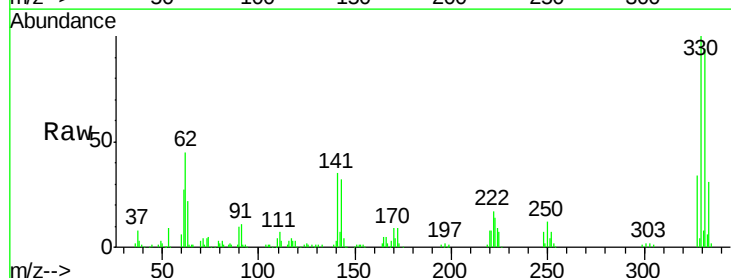
Instrument :
BNA_F
ClientSampleId :

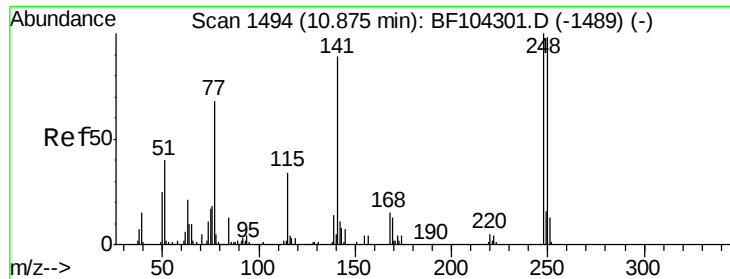
Tgt Ion:188 Resp: 241861
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 10.0 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.428 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.17 min
Lab File: BF105064.D
Acq: 3 May 2018 6:55

Tgt Ion:198 Resp: 112
Ion Ratio Lower Upper
198 100
51 108.2 37.7 77.7#
105 208.8 36.3 76.3#

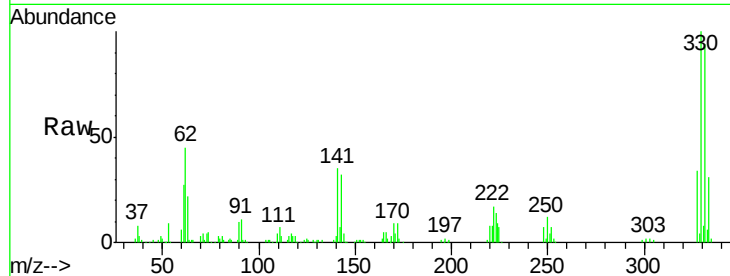




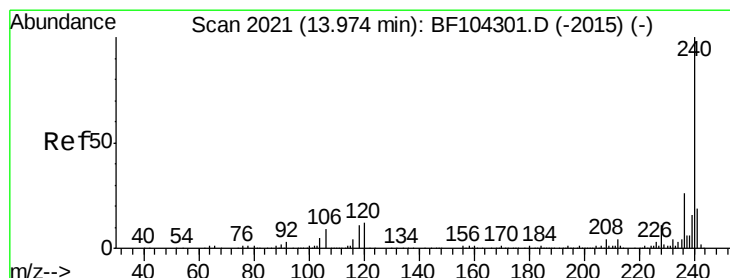
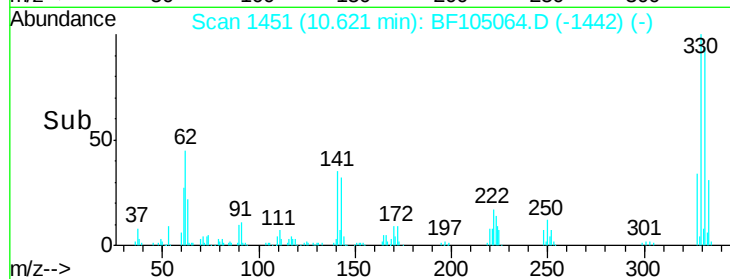
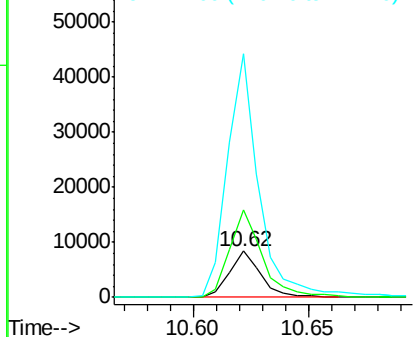
#66
 4-Bromophenyl-phenylether
 Concen: 3.089 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.25 min
 Lab File: BF105064.D
 Acq: 3 May 2018 6:55

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:248 Resp: 7946
 Ion Ratio Lower Upper
 248 100
 250 189.6 76.9 115.3#
 141 529.7 74.4 111.6#

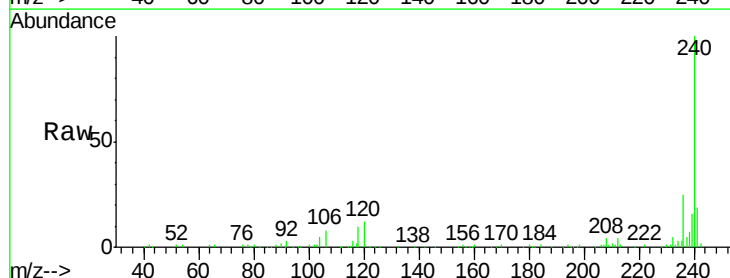


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

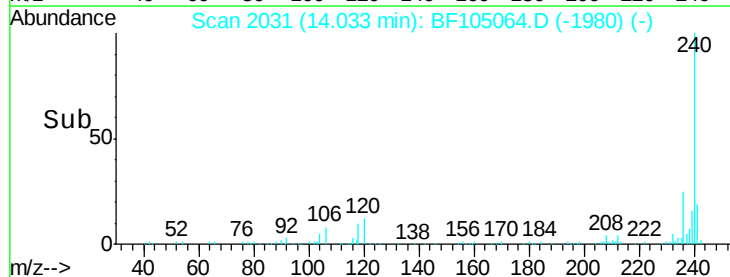
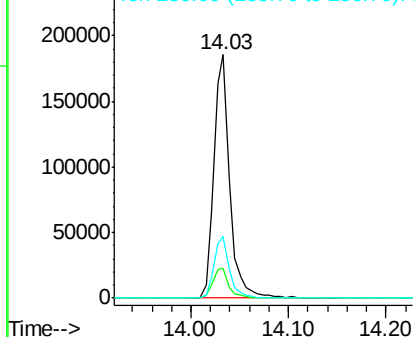


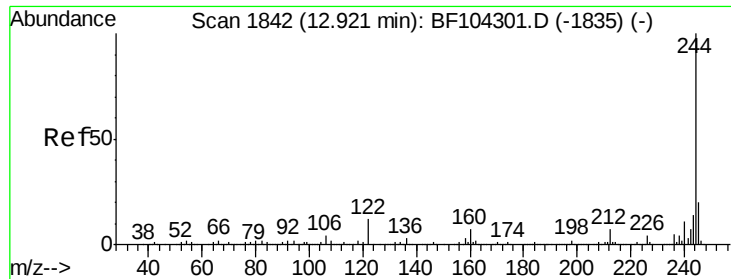
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF105064.D
 Acq: 3 May 2018 6:55

Tgt Ion:240 Resp: 207750
 Ion Ratio Lower Upper
 240 100
 120 12.2 9.5 14.3
 236 25.4 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

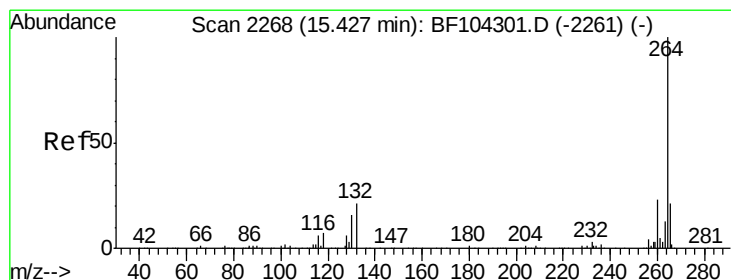
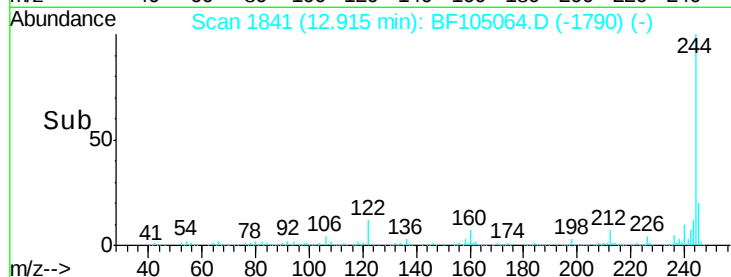
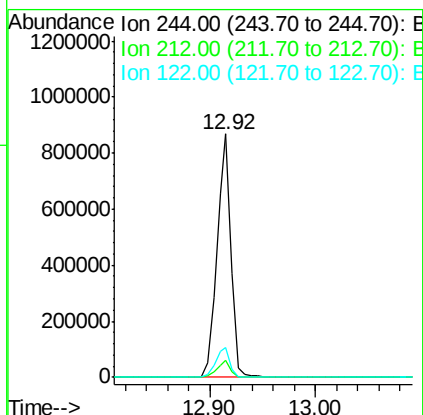
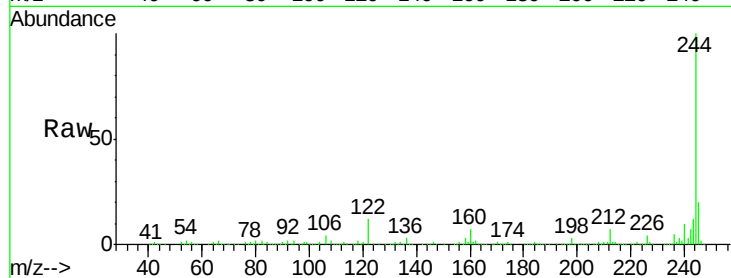




#78
 Terphenyl-d14
 Concen: 89.029 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF105064.D
 Acq: 3 May 2018 6:55

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:244 Resp: 811281
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.61 min Scan# 2299
 Delta R.T. 0.02 min
 Lab File: BF105064.D
 Acq: 3 May 2018 6:55

Tgt Ion:264 Resp: 162819
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.2 28.8
 265 22.3 17.5 26.3

