

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102843.D
 Acq On : 8 Feb 2018 4:25
 Operator : SJ/JU
 Sample : J1458-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 06:32:07 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

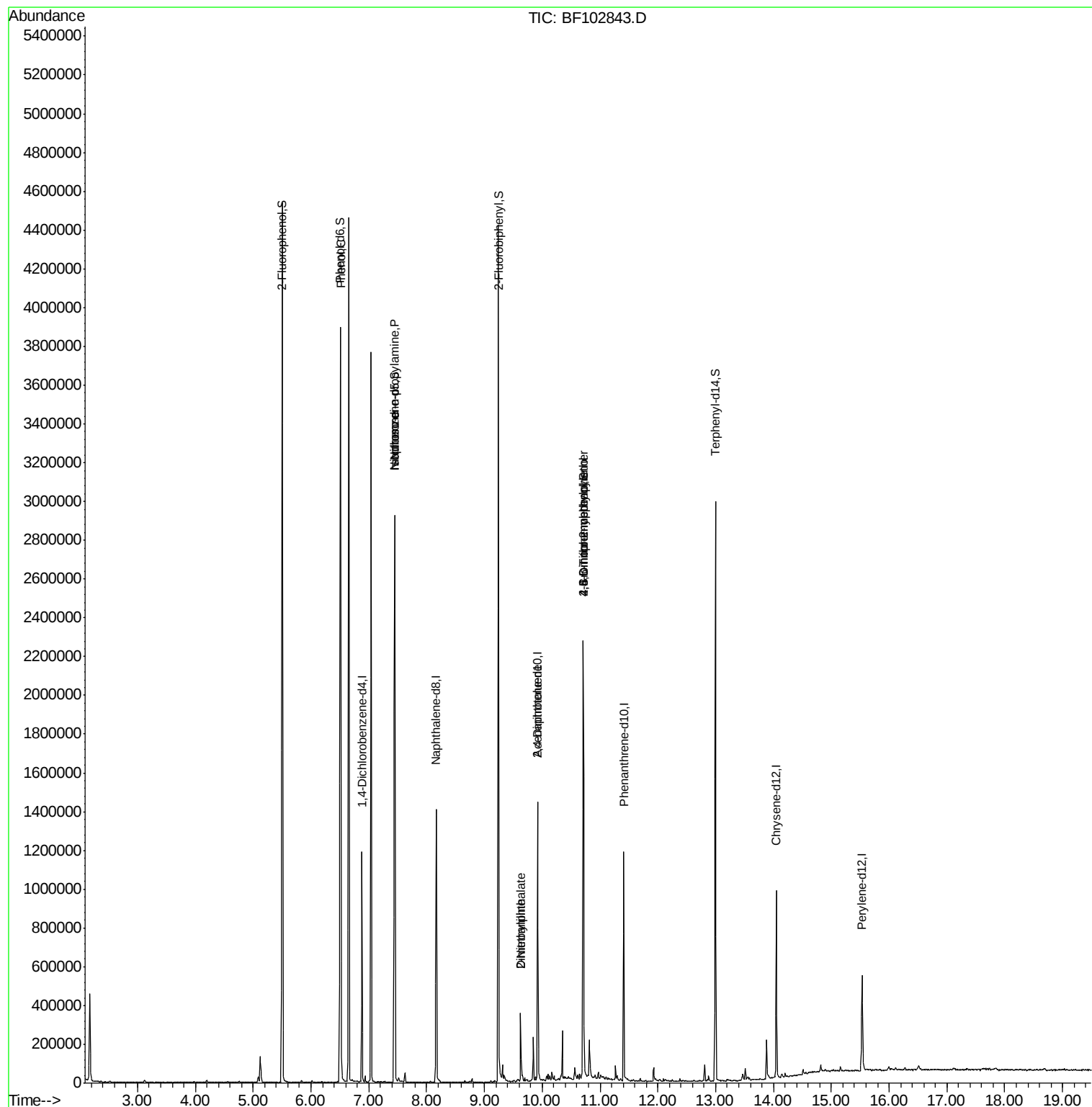
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	171465	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	677711	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	266253	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	383523	20.00	ng	0.00
75) Chrysene-d12	14.05	240	321291	20.00	ng	0.00
86) Perylene-d12	15.53	264	244156	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1373064	121.61	ng	0.01
7) Phenol-d6	6.52	99	1605670	118.11	ng	0.01
23) Nitrobenzene-d5	7.45	82	998231	102.18	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	258923	120.82	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1509873	94.10	ng	0.00
78) Terphenyl-d14	13.00	244	1077055	79.37	ng	0.00
Target Compounds						
10) Phenol	6.52	94	41678	2.86	ng	92
19) n-Nitroso-di-n-propylamine	7.45	70	132008	14.73	ng	# 83
25) Isophorone	7.45	82	995824	44.27	ng	# 64
47) 2-Nitroaniline	9.63	65	1589	3.74	ng	# 1
49) Dimethylphthalate	9.63	163	143707	6.92	ng	99
56) 2,4-Dinitrotoluene	9.92	165	33539	9.00	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.72	198	573	9.12	ng	# 3
66) 4-Bromophenyl-phenylether	10.71	248	16730	4.12	ng	# 1

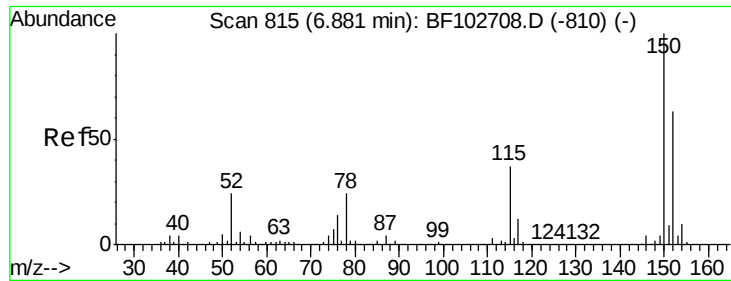
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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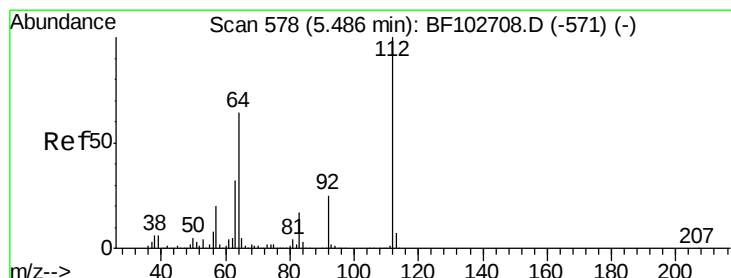
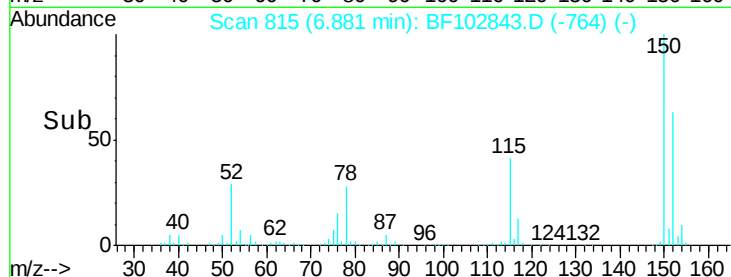
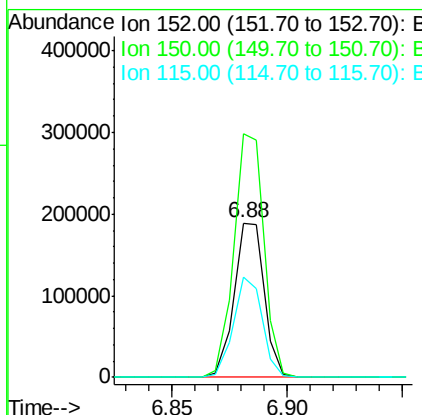
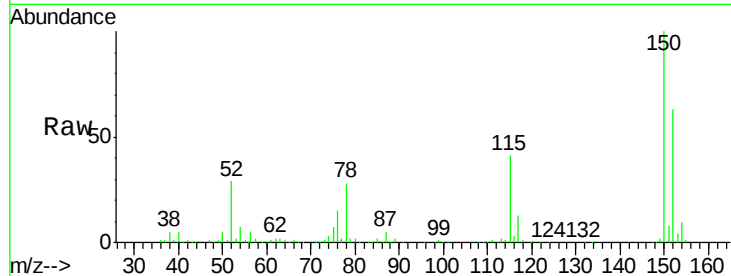


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102843.D
Acq: 8 Feb 2018 4:25

Instrument :
BNA_F
ClientSampleId :

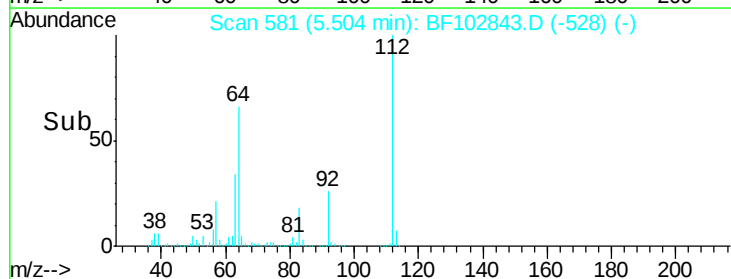
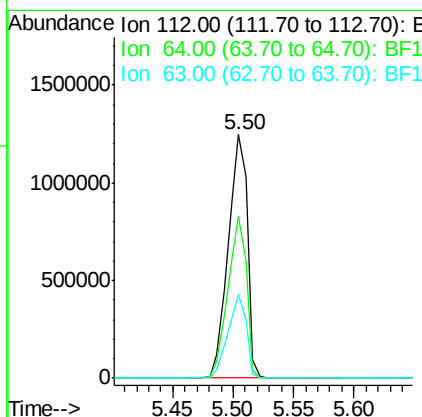
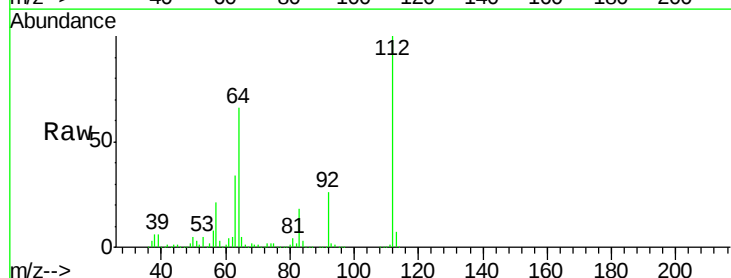
Tot Ion:152 Resp: 171465
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 65.4 50.1 75.1

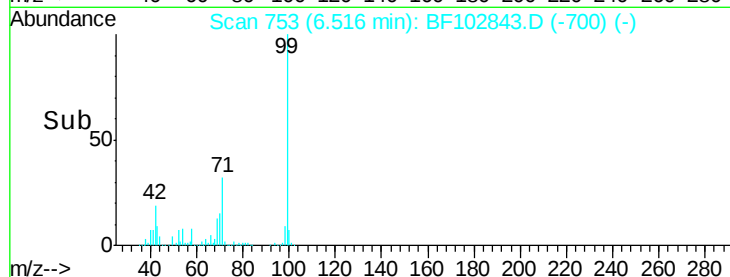
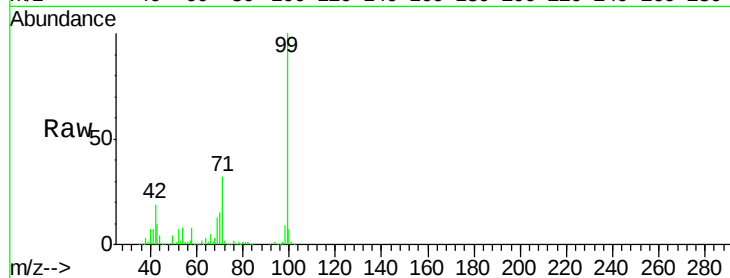
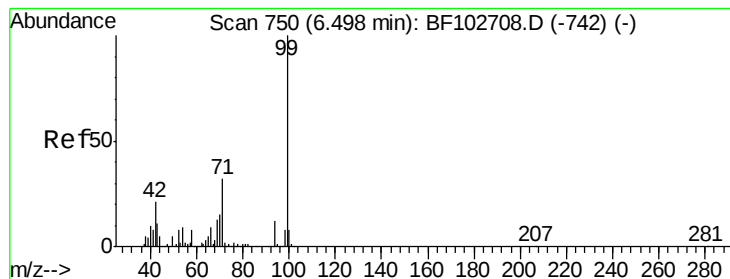


#5

2-Fluorophenol
Concen: 121.61 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102843.D
Acq: 8 Feb 2018 4:25

Tgt Ion:112 Resp: 1373064
Ion Ratio Lower Upper
112 100
64 66.4 47.9 71.9
63 34.2 23.7 35.5





#7

Phenol-d6

Concen: 118.11 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102843.D

Acq: 8 Feb 2018 4:25

Instrument :

BNA_F

ClientSampleId :

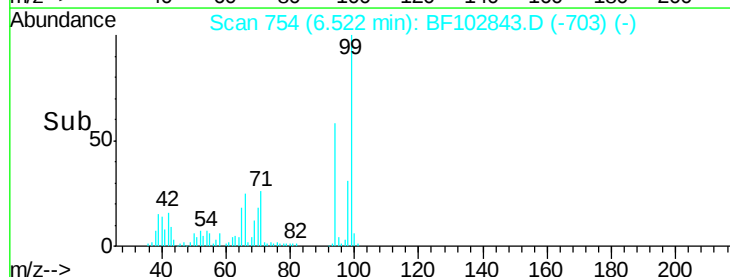
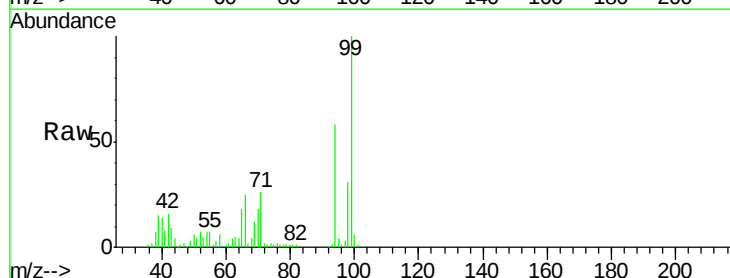
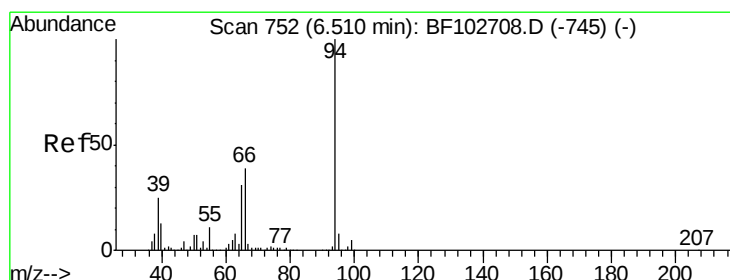
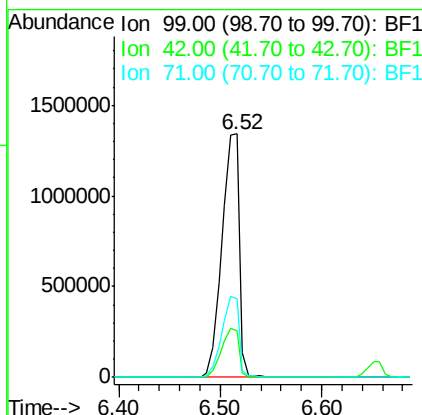
Tot Ion: 99 Resp: 1605670

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

71 32.3 25.4 38.0



#10

Phenol

Concen: 2.86 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF102843.D

Acq: 8 Feb 2018 4:25

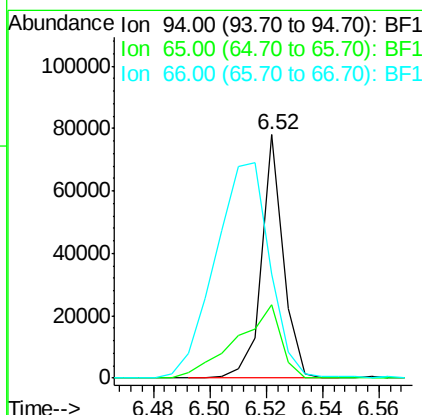
Tgt Ion: 94 Resp: 41678

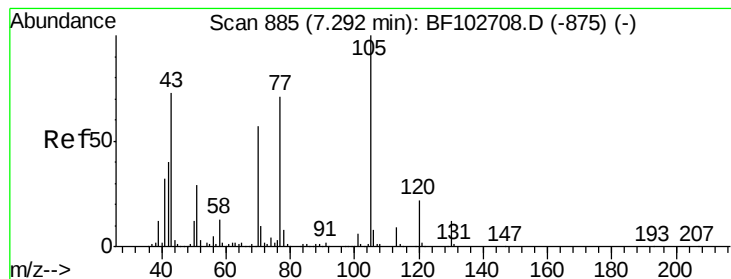
Ion Ratio Lower Upper

94 100

65 30.2 7.9 47.9

66 42.9 16.2 56.2





#19

n-Nitroso-di-n-propylamine

Concen: 14.73 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF102843.D

Acq: 8 Feb 2018 4:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 132008

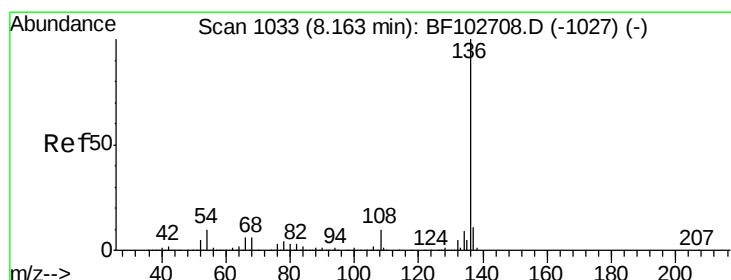
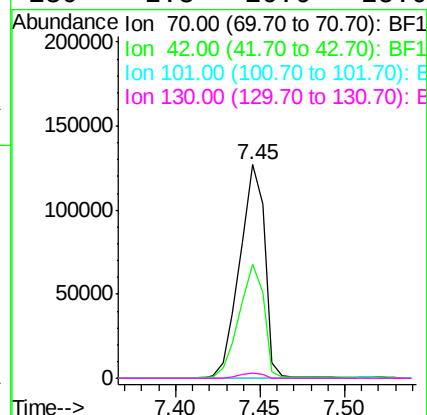
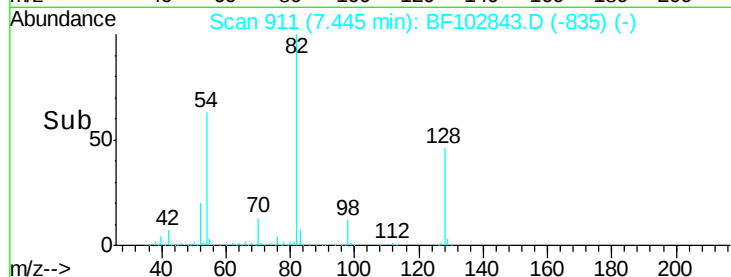
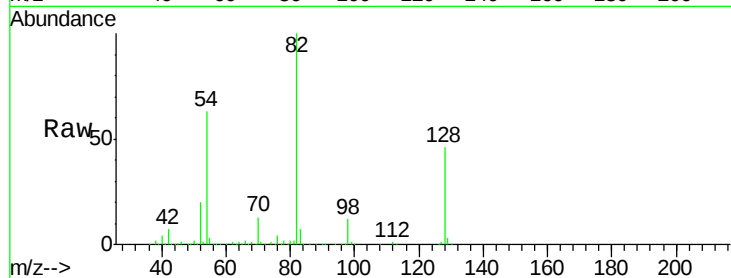
Ion Ratio Lower Upper

70 100

42 53.4 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF102843.D

Acq: 8 Feb 2018 4:25

Tgt Ion: 136 Resp: 677711

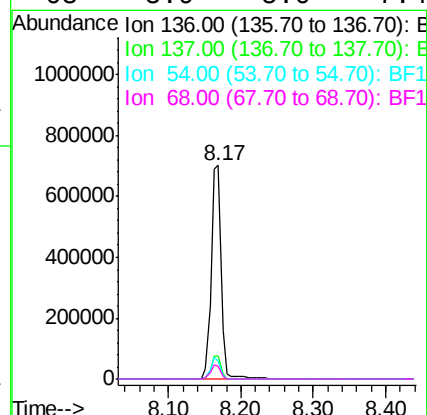
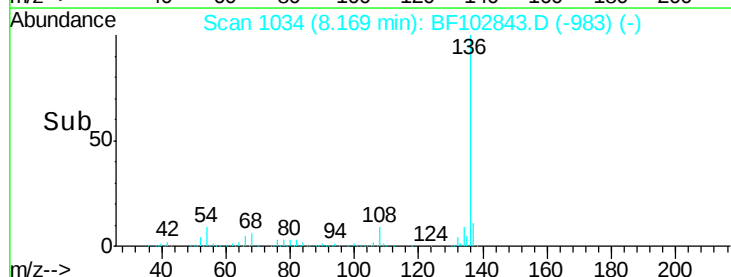
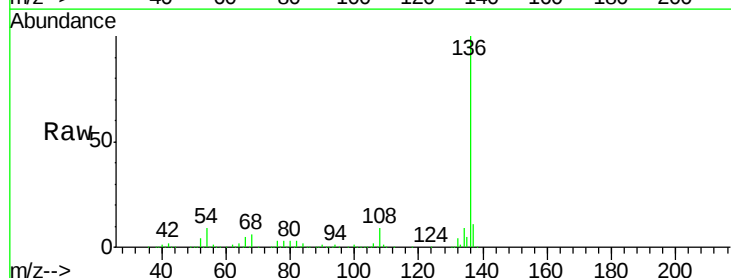
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 8.7 6.6 9.8

68 5.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 102.18 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF102843.D

Acq: 8 Feb 2018 4:25

Instrument :

BNA_F

ClientSampleId :

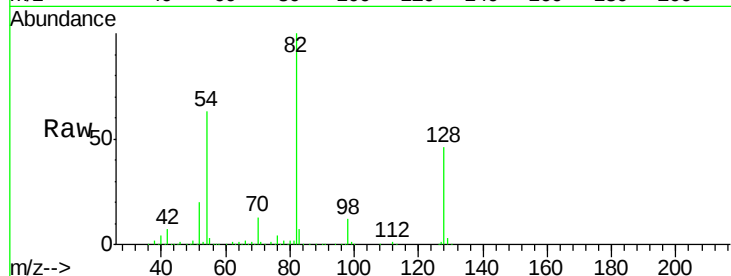
Tot Ion: 82 Resp: 998231

Ion Ratio Lower Upper

82 100

128 46.0 36.1 54.1

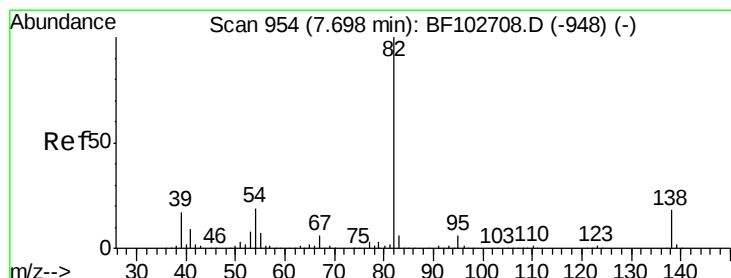
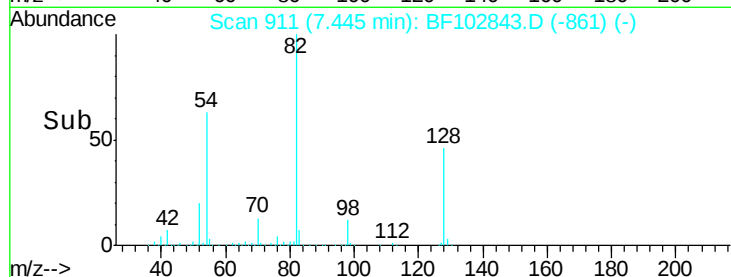
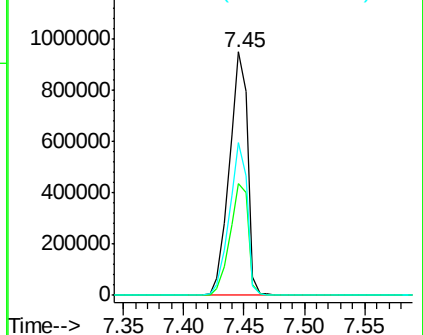
54 62.6 41.4 62.2#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 44.27 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF102843.D

Acq: 8 Feb 2018 4:25

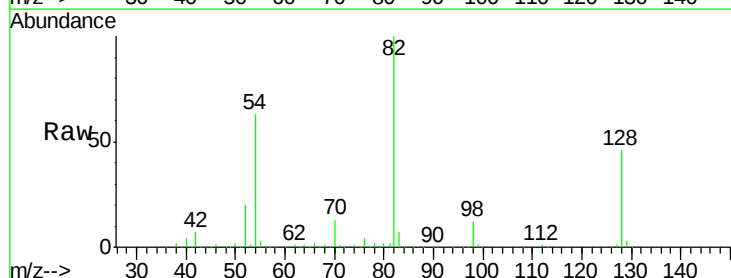
Tgt Ion: 82 Resp: 995824

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

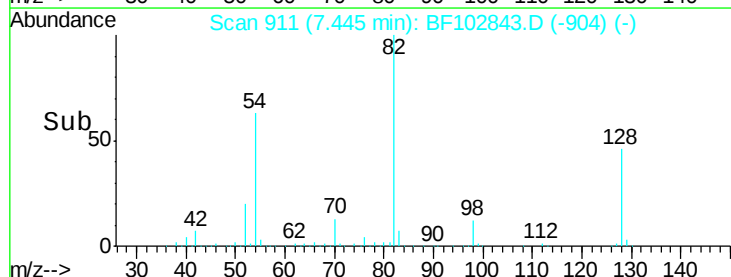
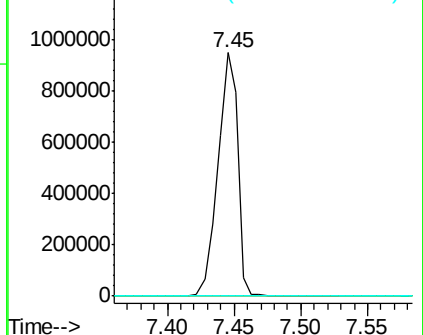
138 0.0 14.9 22.3#

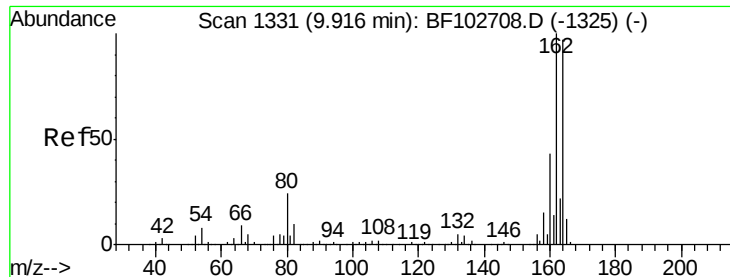


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

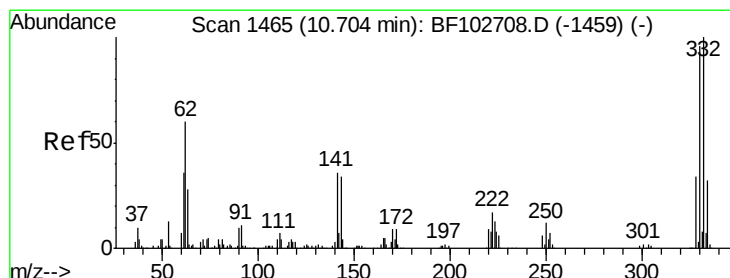
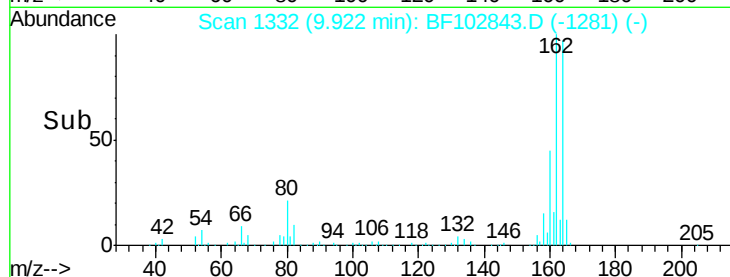
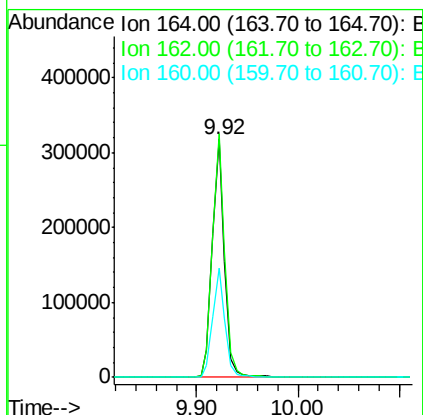
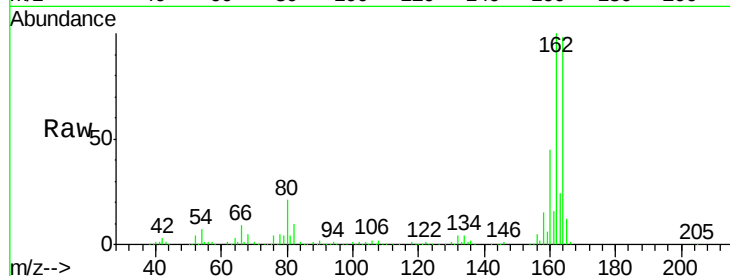




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF102843.D
Acq: 8 Feb 2018 4:25

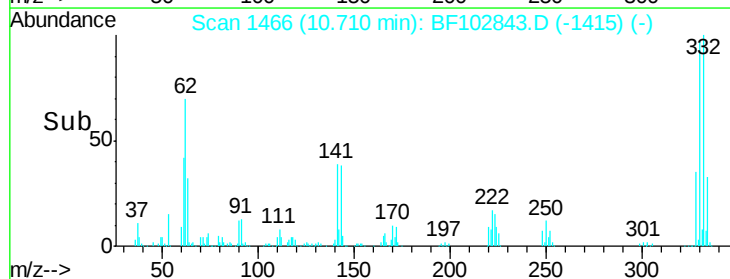
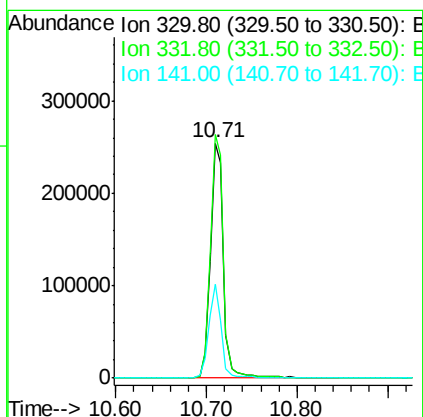
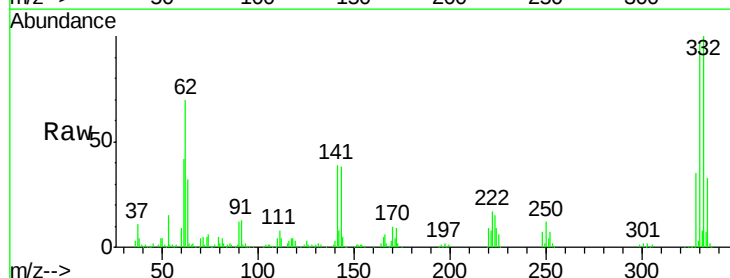
Instrument :
BNA_F
ClientSampleId :

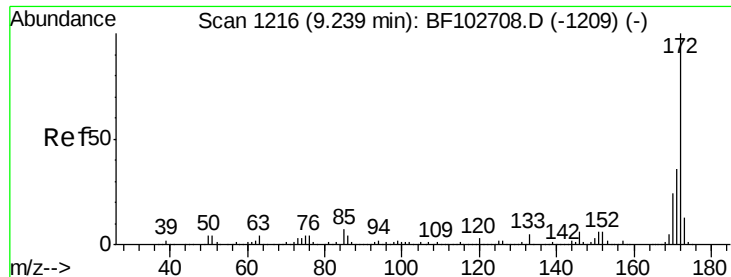
Tot Ion:164 Resp: 266253
Ion Ratio Lower Upper
164 100
162 102.3 86.1 129.1
160 46.1 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 120.82 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF102843.D
Acq: 8 Feb 2018 4:25

Tgt Ion:330 Resp: 258923
Ion Ratio Lower Upper
330 100
332 103.7 77.0 115.6
141 38.5 29.9 44.9

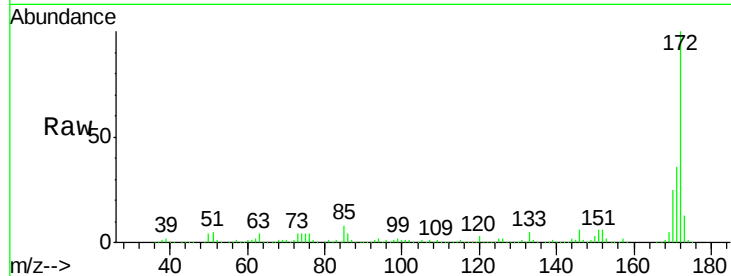




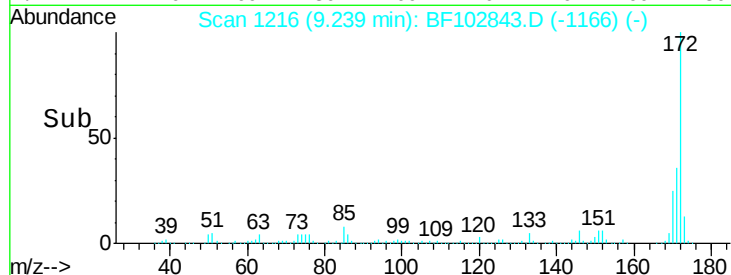
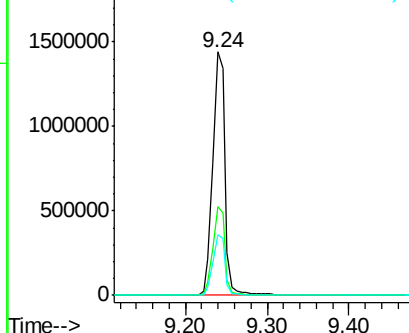
#44
 2-Fluorobiphenyl
 Concen: 94.10 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102843.D
 Acq: 8 Feb 2018 4:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1509873
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.7 19.6 29.4

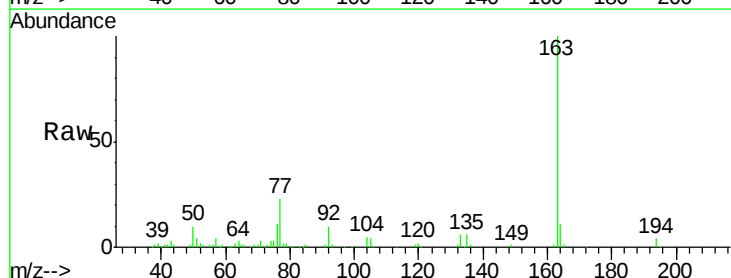


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

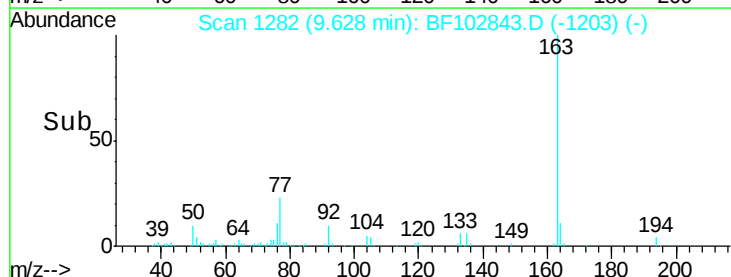
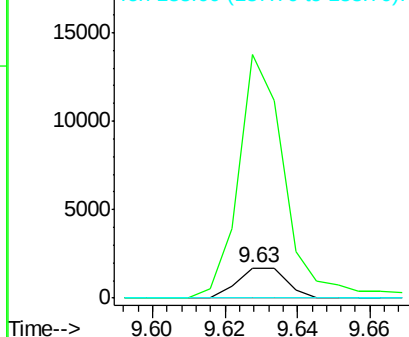


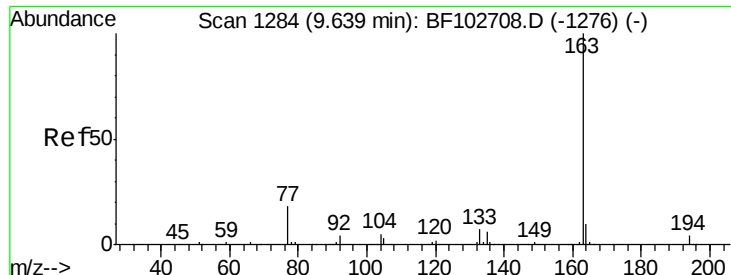
#47
 2-Nitroaniline
 Concen: 3.74 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. 0.16 min
 Lab File: BF102843.D
 Acq: 8 Feb 2018 4:25

Tgt Ion: 65 Resp: 1589
 Ion Ratio Lower Upper
 65 100
 92 814.9 55.8 83.6#
 138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E

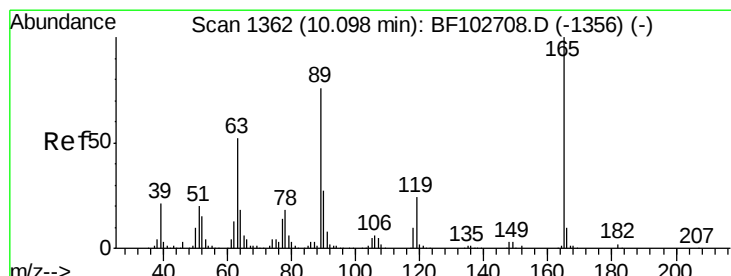
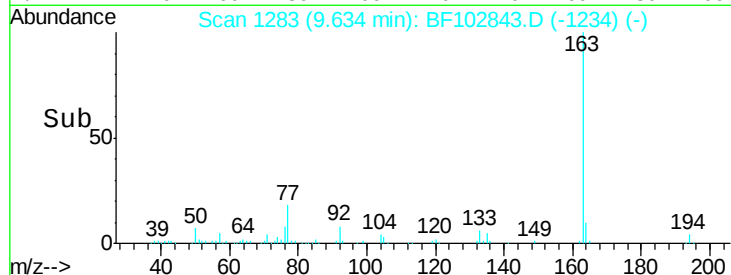
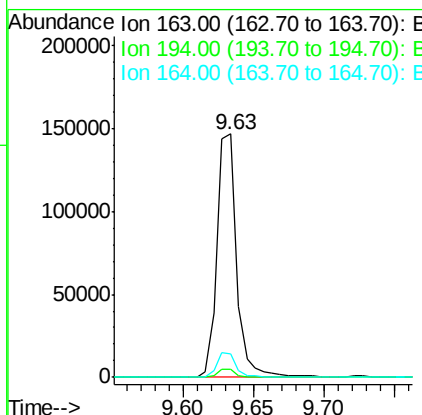
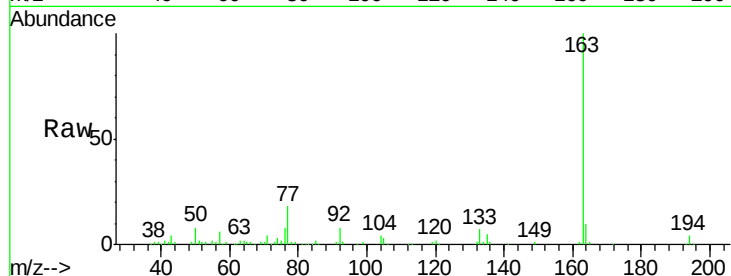




#49
Dimethylphthalate
Concen: 6.92 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102843.D
Acq: 8 Feb 2018 4:25

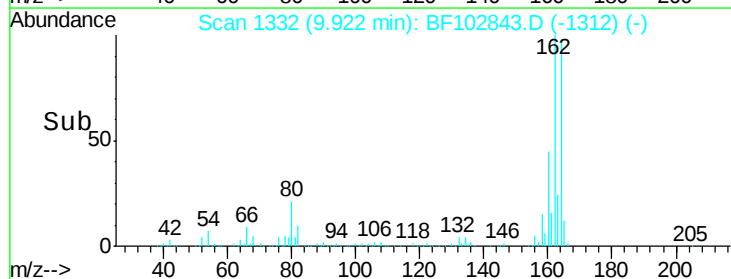
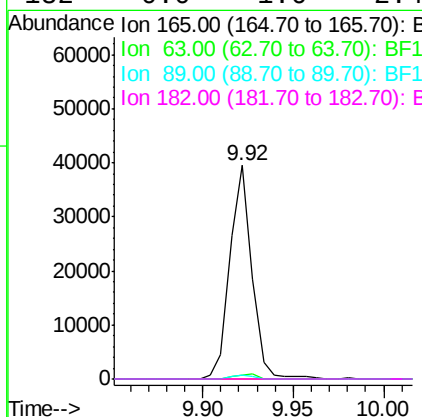
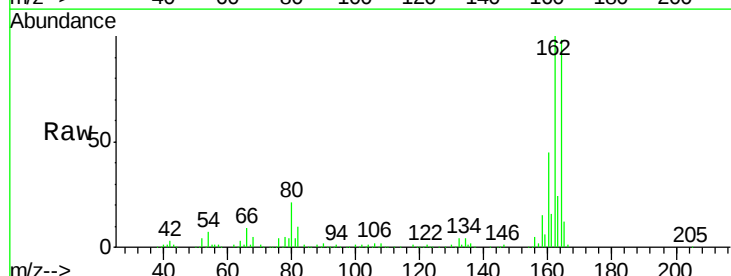
Instrument :
BNA_F
ClientSampleId :

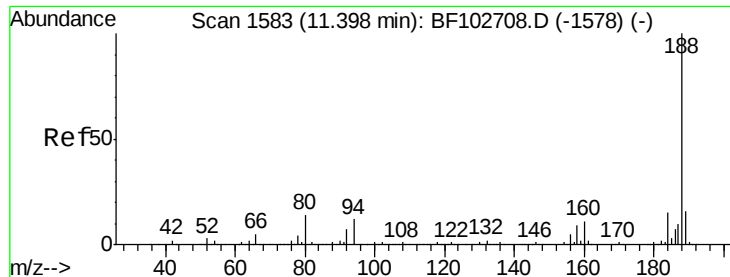
Tot Ion:163 Resp: 143707
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.6 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 9.00 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.18 min
Lab File: BF102843.D
Acq: 8 Feb 2018 4:25

Tgt Ion:165 Resp: 33539
Ion Ratio Lower Upper
165 100
63 1.7 36.4 54.6#
89 1.9 57.8 86.6#
182 0.0 1.6 2.4#

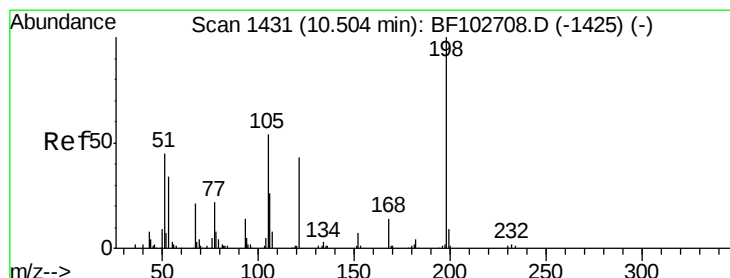
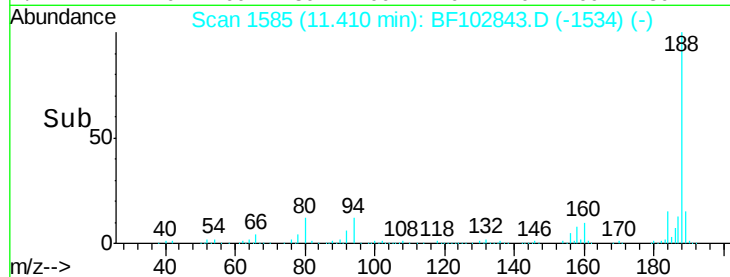
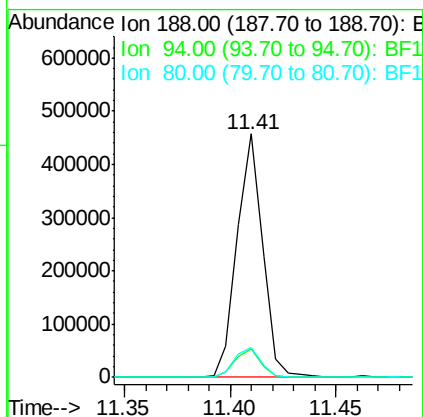
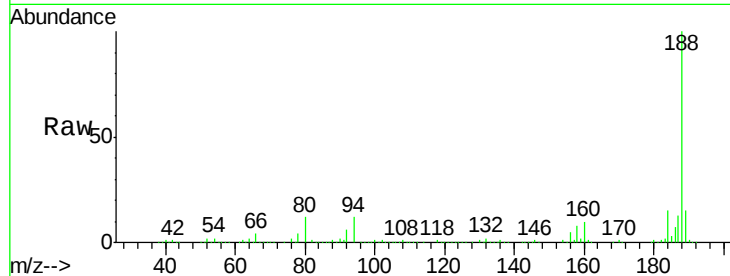




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: BF102843.D
 Acq: 8 Feb 2018 4:25

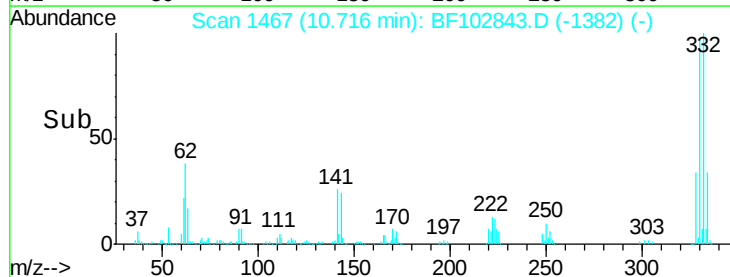
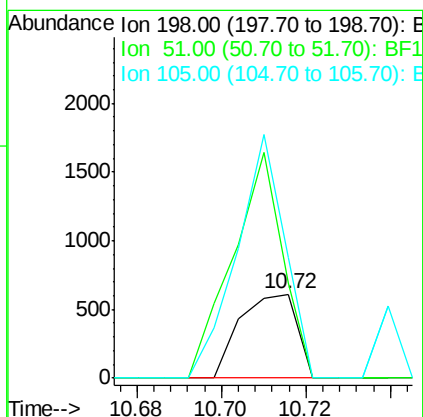
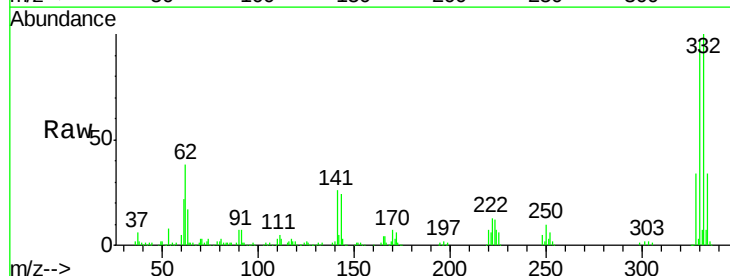
Instrument :
 BNA_F
 ClientSampleId :

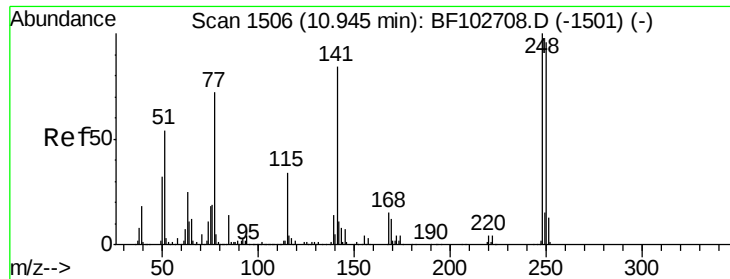
Tot Ion:188 Resp: 383523
 Ion Ratio Lower Upper
 188 100
 94 12.0 8.5 12.7
 80 12.4 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.12 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.20 min
 Lab File: BF102843.D
 Acq: 8 Feb 2018 4:25

Tgt Ion:198 Resp: 573
 Ion Ratio Lower Upper
 198 100
 51 113.2 37.7 77.7#
 105 143.7 36.3 76.3#

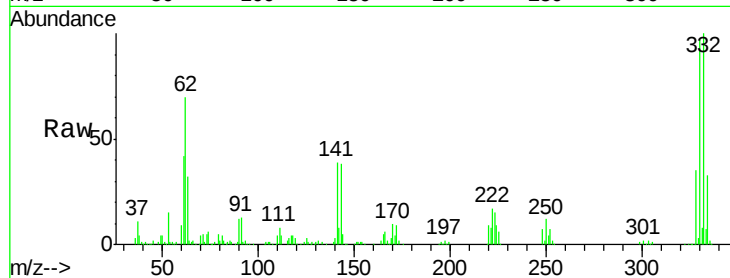




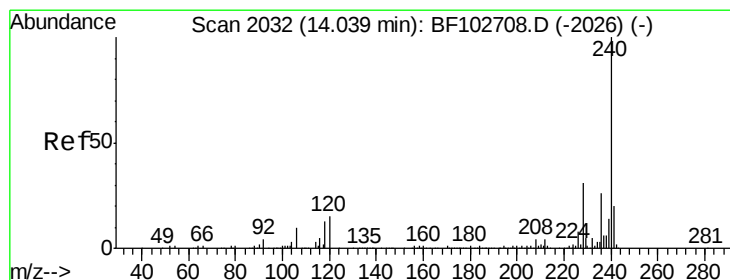
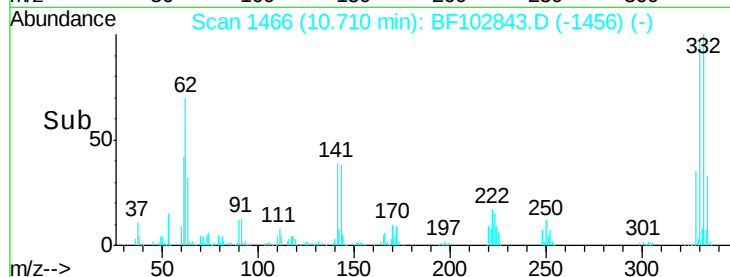
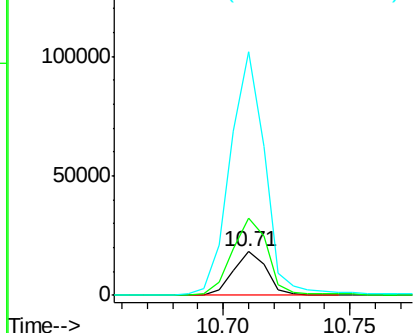
#66
 4-Bromophenyl-phenylether
 Concen: 4.12 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.24 min
 Lab File: BF102843.D
 Acq: 8 Feb 2018 4:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 16730
 Ion Ratio Lower Upper
 248 100
 250 176.8 76.9 115.3#
 141 560.6 74.4 111.6#

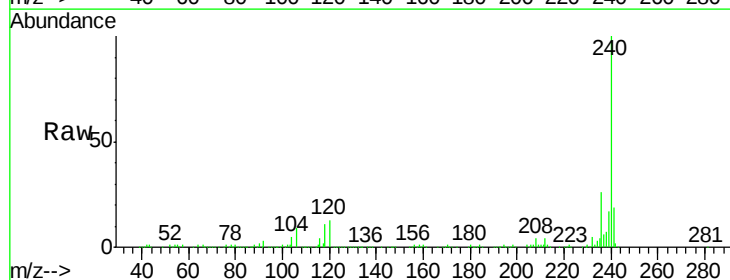


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

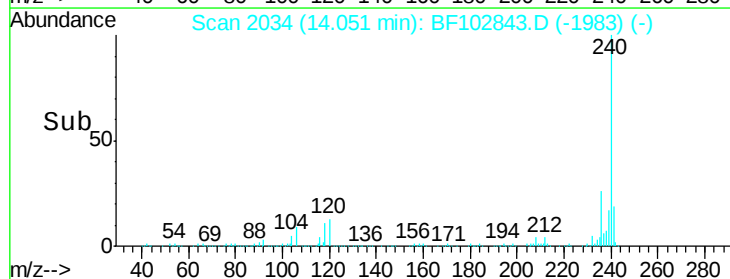
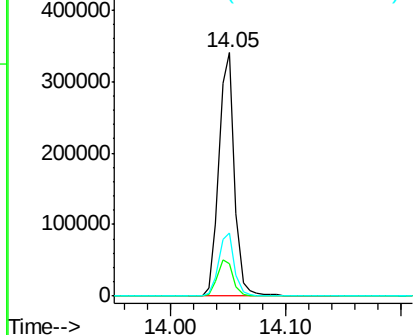


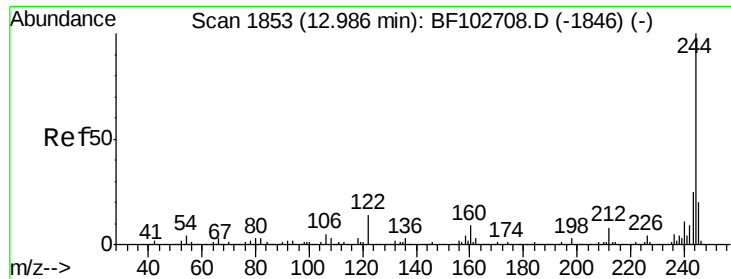
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF102843.D
 Acq: 8 Feb 2018 4:25

Tgt Ion:240 Resp: 321291
 Ion Ratio Lower Upper
 240 100
 120 13.3 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: 79.37 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF102843.D

Acq: 8 Feb 2018 4:25

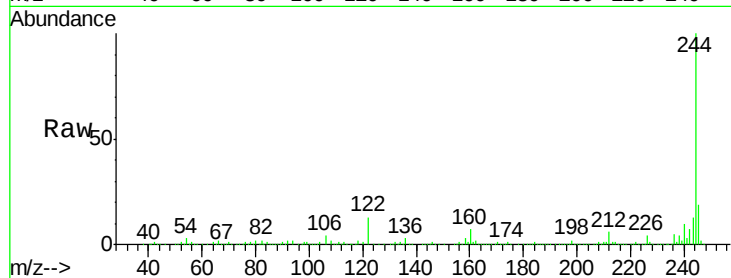
Instrument :

BNA_F

ClientSampled :

Tot Ion:244 Resp: 1077055

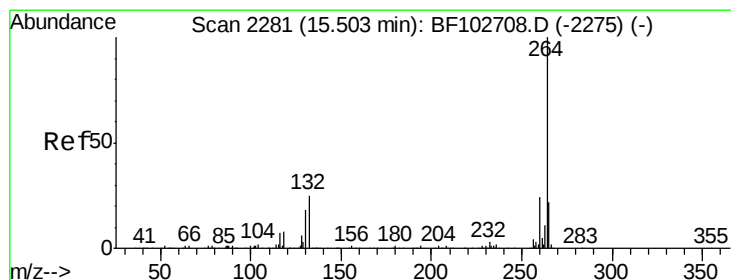
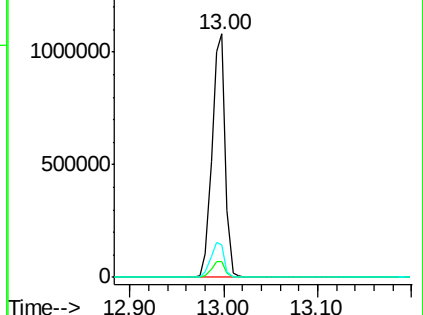
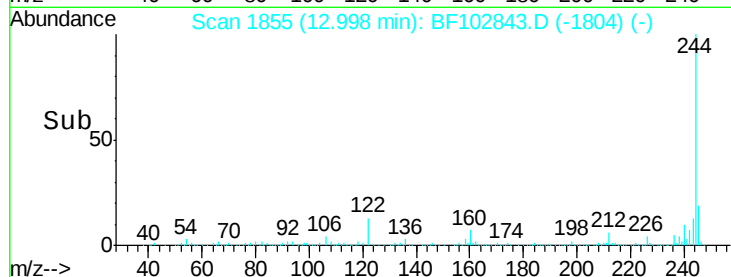
Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	13.1	11.0	16.4



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: 15.53 min Scan# 2286

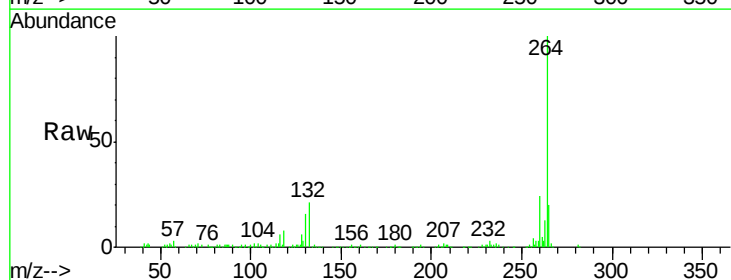
Delta R.T. 0.01 min

Lab File: BF102843.D

Acq: 8 Feb 2018 4:25

Tgt Ion:264 Resp: 244156

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.3	17.5	26.3



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

