

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101818\
 Data File : BF109990.D
 Acq On : 19 Oct 2018 5:34
 Operator : JU/SJ
 Sample : J5565-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RLF-SD-8

Quant Time: Oct 19 10:31:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

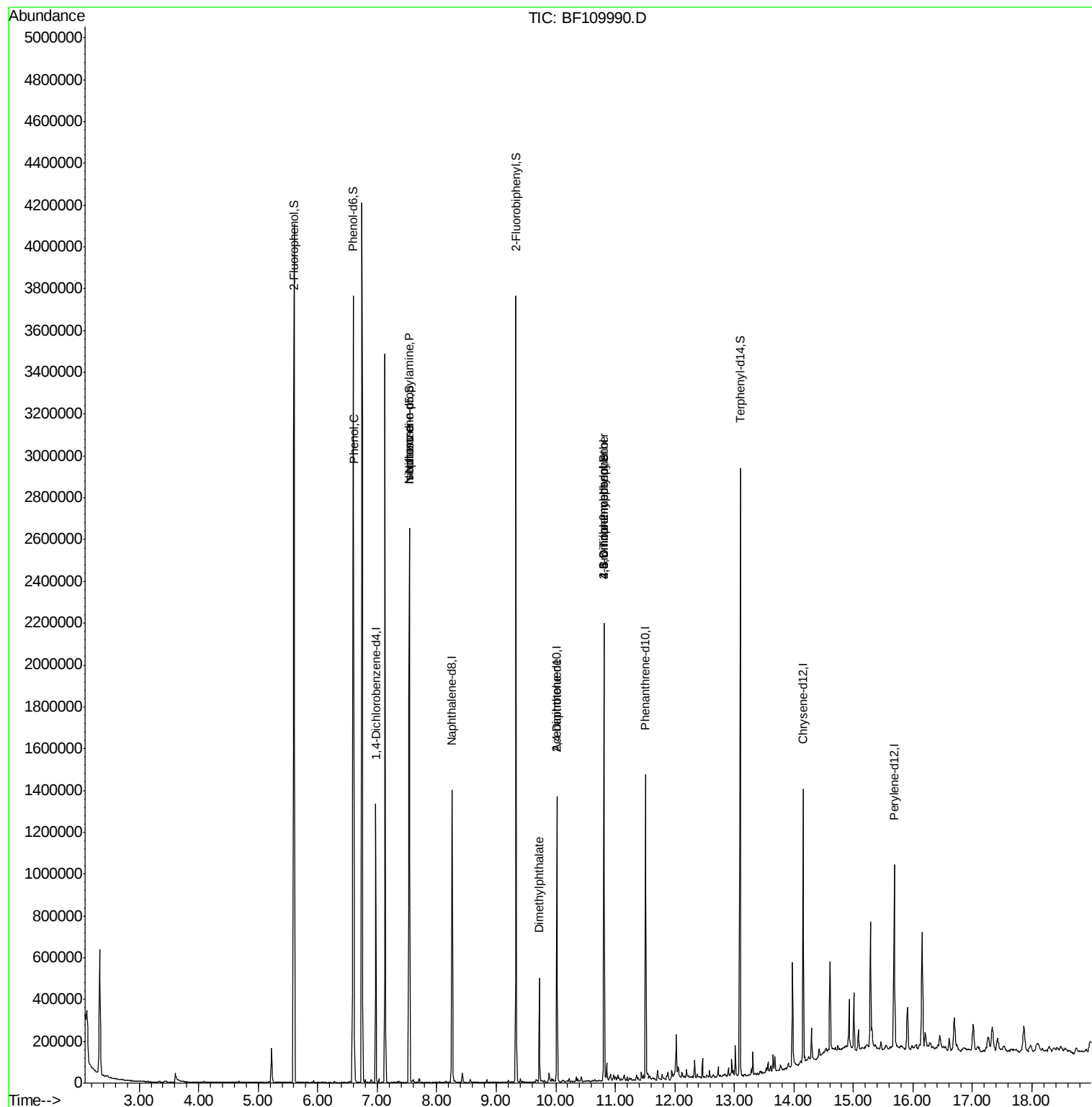
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	193182	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	672583	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	264036	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	473454	20.00	ng	0.00
76) Chrysene-d12	14.16	240	400367	20.00	ng	0.00
87) Perylene-d12	15.69	264	287123	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1126425	92.43	ng	0.00
7) Phenol-d6	6.60	99	1363531	90.10	ng	0.00
23) Nitrobenzene-d5	7.54	82	808888	81.02	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	240890	105.38	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1062772	64.23	ng	0.00
79) Terphenyl-d14	13.10	244	985225	51.68	ng	0.00
Target Compounds						
10) Phenol	6.61	94	149797	9.168	ng	# 62
19) n-Nitroso-di-n-propylamine	7.54	70	106297	10.940	ng	# 79
25) Isophorone	7.54	82	806380	41.104	ng	# 67
50) Dimethylphthalate	9.72	163	195675	10.466	ng	# 99
57) 2,4-Dinitrotoluene	10.02	165	33168	11.271	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	588	8.191	ng	# 1
67) 4-Bromophenyl-phenylether	10.81	248	15198	2.962	ng	# 1

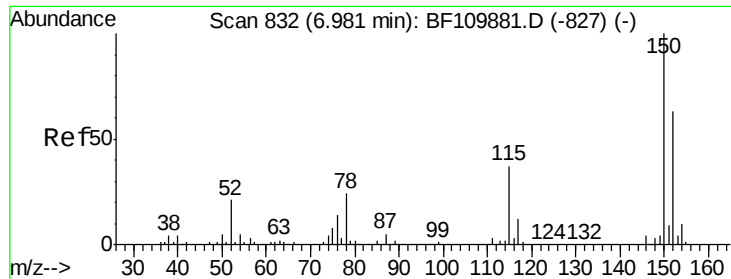
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 19 10:31:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
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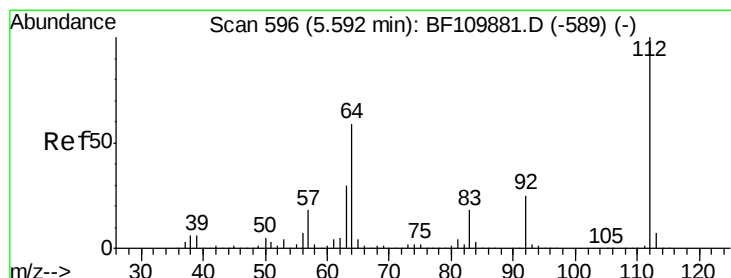
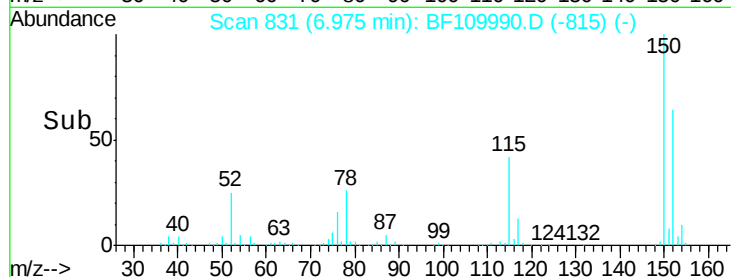
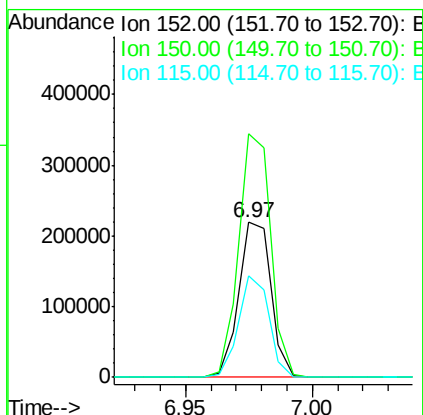
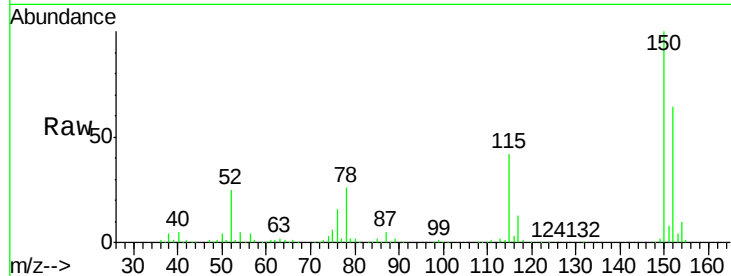


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109990.D
Acq: 19 Oct 2018 5:34

Instrument :
BNA_F
ClientSampleId :
RLF-SD-8

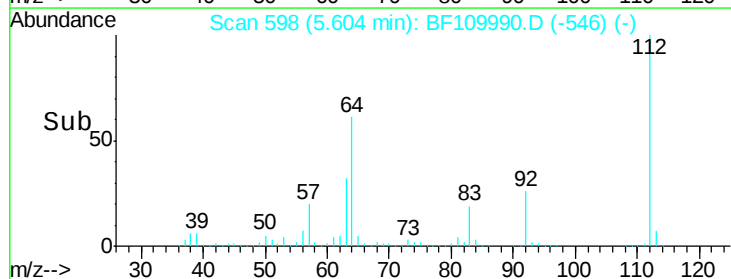
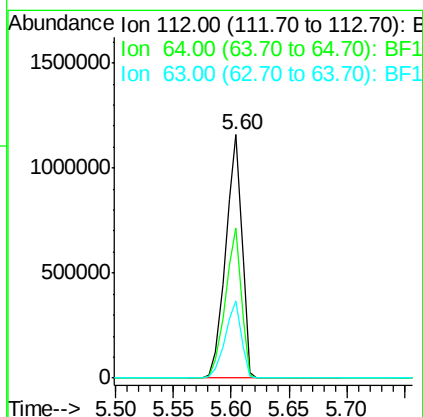
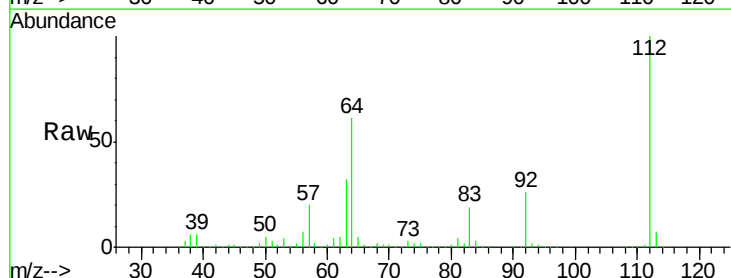
Tgt Ion:152 Resp: 193182
Ion Ratio Lower Upper
152 100
150 157.2 122.7 184.1
115 65.5 49.1 73.7

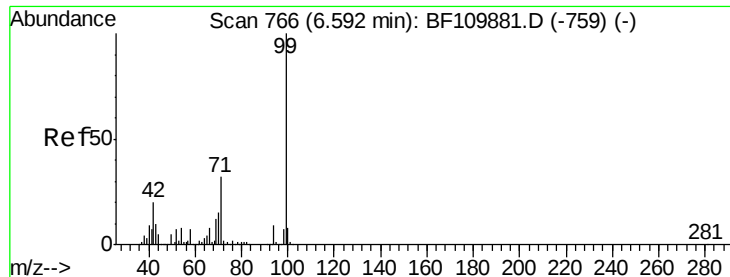


#5

2-Fluorophenol
Concen: 92.428 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF109990.D
Acq: 19 Oct 2018 5:34

Tgt Ion:112 Resp: 1126425
Ion Ratio Lower Upper
112 100
64 61.5 44.1 66.1
63 32.0 23.7 35.5





#7

Phenol-d6

Concen: 90.102 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF109990.D

Acq: 19 Oct 2018 5:34

Instrument :

BNA_F

ClientSampleId :

RLF-SD-8

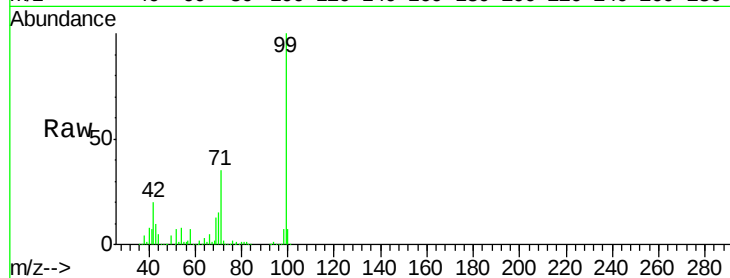
Tgt Ion: 99 Resp: 1363531

Ion Ratio Lower Upper

99 100

42 19.7 15.8 23.6

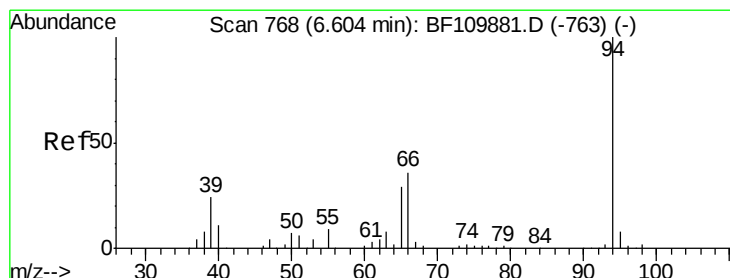
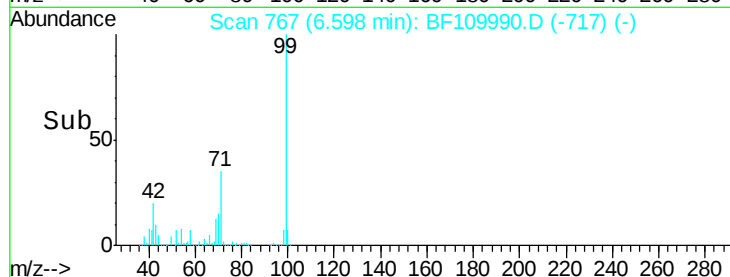
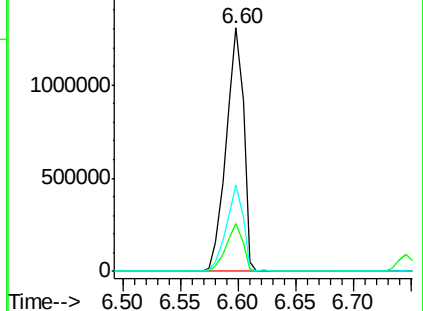
71 35.2 28.0 42.0



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



#10

Phenol

Concen: 9.168 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF109990.D

Acq: 19 Oct 2018 5:34

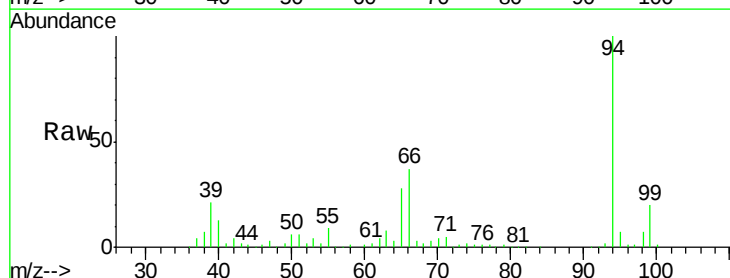
Tgt Ion: 94 Resp: 149797

Ion Ratio Lower Upper

94 100

65 27.7 25.3 65.3

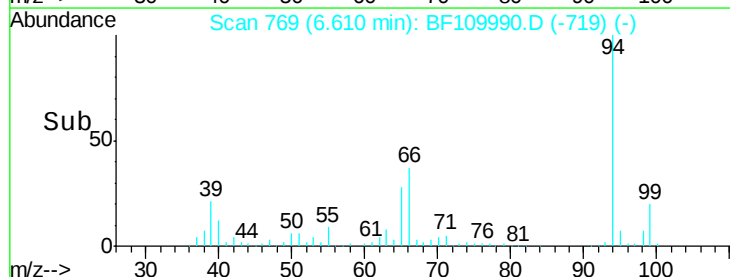
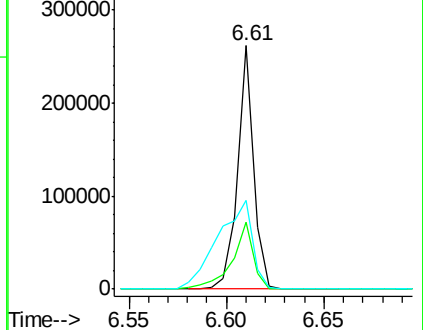
66 36.5 54.5 94.5#

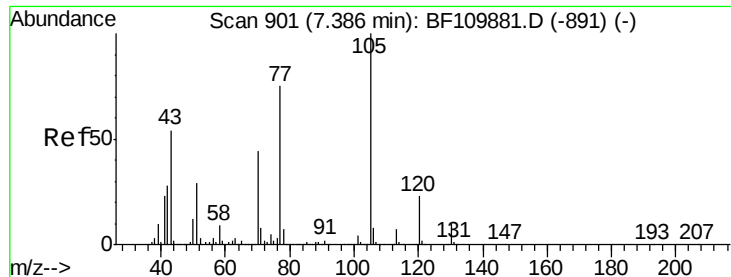


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

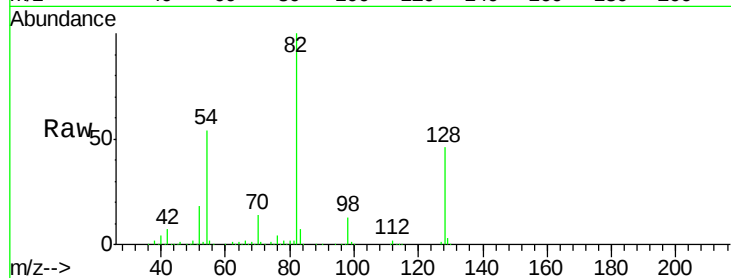




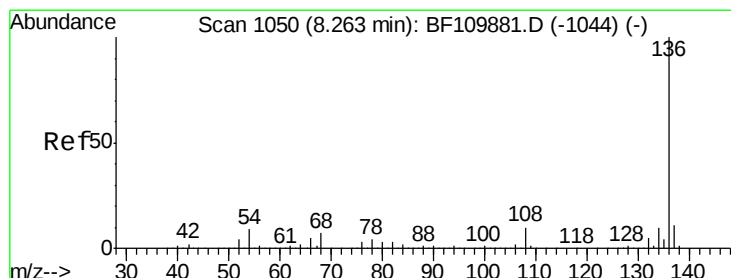
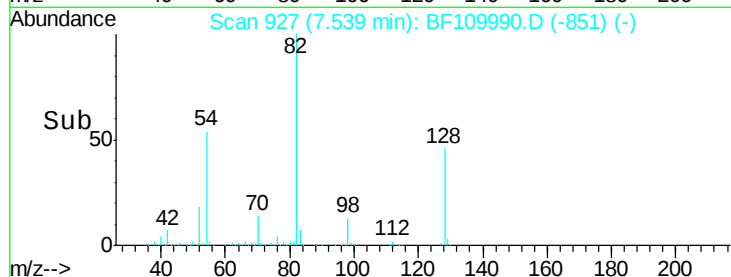
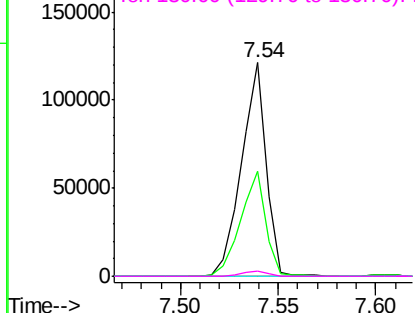
#19
n-Nitroso-di-n-propylamine
Concen: 10.940 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.15 min
Lab File: BF109990.D
Acq: 19 Oct 2018 5:34

Instrument :
BNA_F
ClientSampleId :
RLF-SD-8

Tgt Ion: 70 Resp: 106297
Ion Ratio Lower Upper
70 100
42 49.1 47.4 71.2
101 0.0 7.3 10.9#
130 2.2 16.2 24.2#

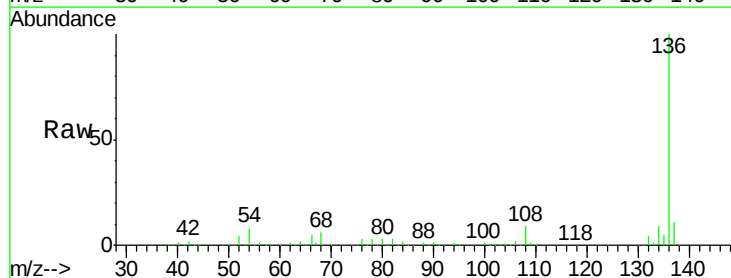


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

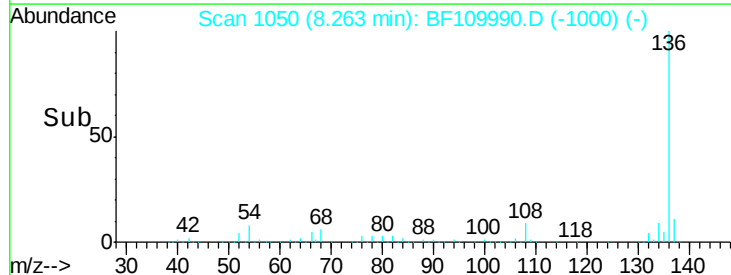
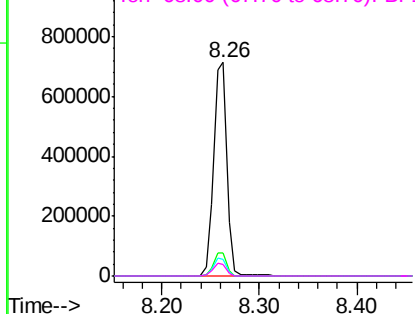


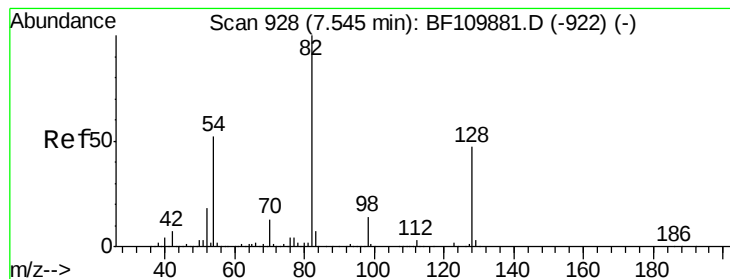
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF109990.D
Acq: 19 Oct 2018 5:34

Tgt Ion: 136 Resp: 672583
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.7 5.4 8.2
68 5.5 4.2 6.2



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: 81.016 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF109990.D

Acq: 19 Oct 2018 5:34

Instrument :

BNA_F

ClientSampleId :

RLF-SD-8

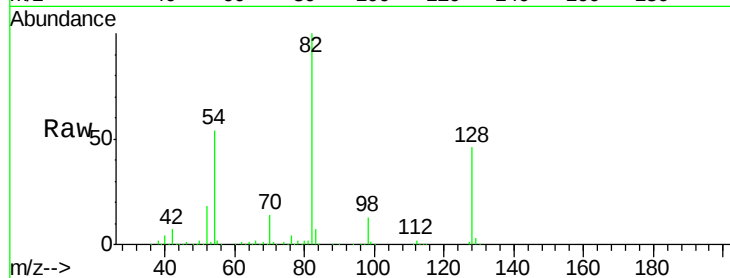
Tgt Ion: 82 Resp: 808888

Ion Ratio Lower Upper

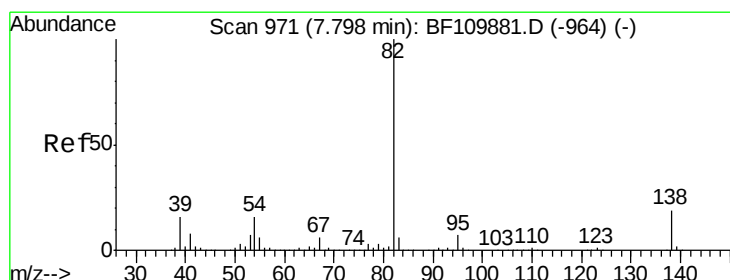
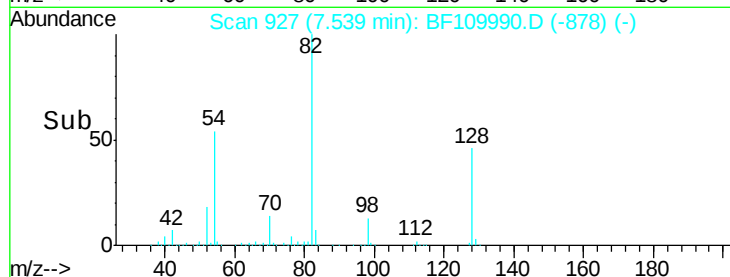
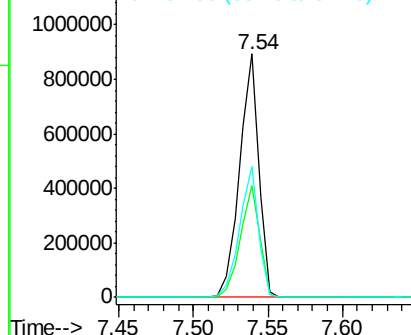
82 100

128 45.8 34.2 51.2

54 53.6 38.6 58.0



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: 41.104 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.26 min

Lab File: BF109990.D

Acq: 19 Oct 2018 5:34

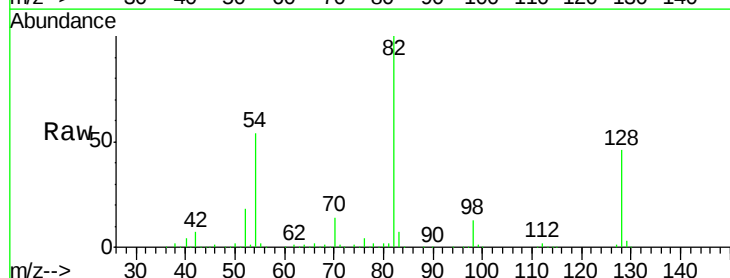
Tgt Ion: 82 Resp: 806380

Ion Ratio Lower Upper

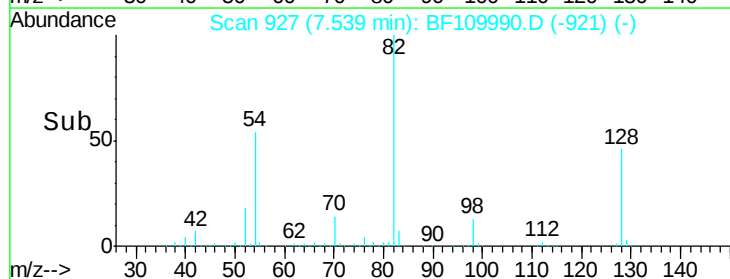
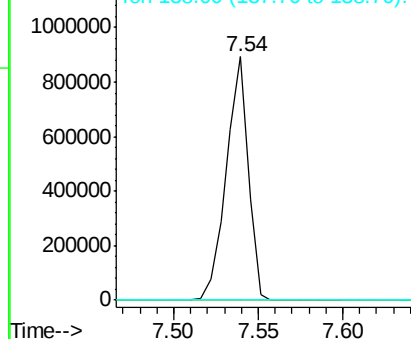
82 100

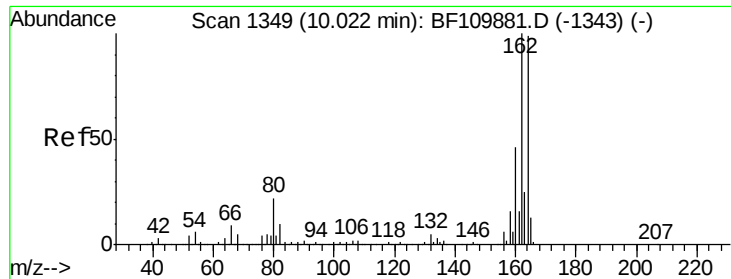
95 0.0 5.7 8.5#

138 0.0 13.2 19.8#



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BF109990.D

Acq: 19 Oct 2018 5:34

Instrument :

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ClientSampleId :

RLF-SD-8

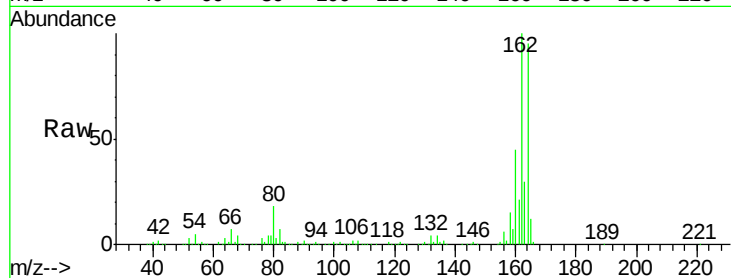
Tgt Ion:164 Resp: 264036

Ion Ratio Lower Upper

164 100

162 104.7 83.0 124.6

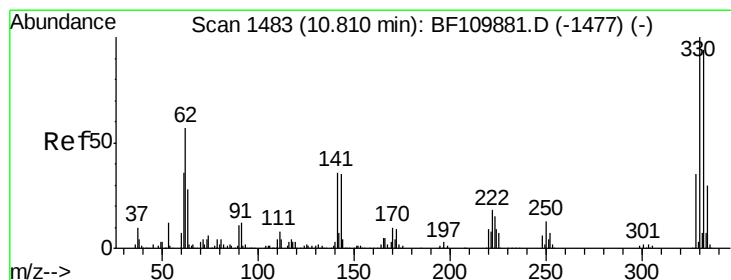
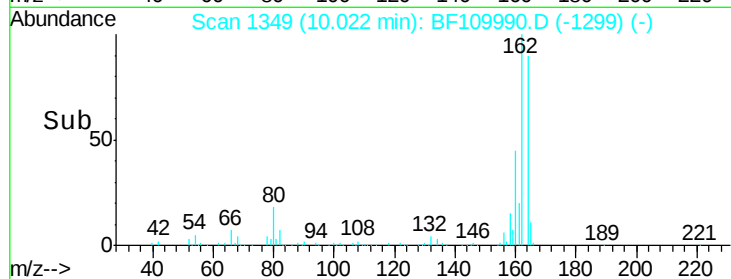
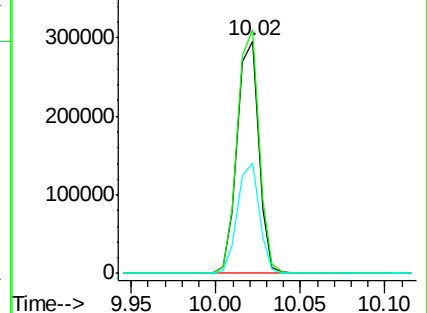
160 47.3 37.0 55.6



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



#42

2,4,6-Tribromophenol

Concen: 105.378 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF109990.D

Acq: 19 Oct 2018 5:34

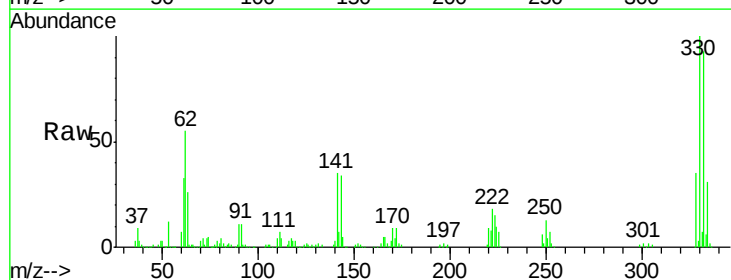
Tgt Ion:330 Resp: 240890

Ion Ratio Lower Upper

330 100

332 95.7 77.1 115.7

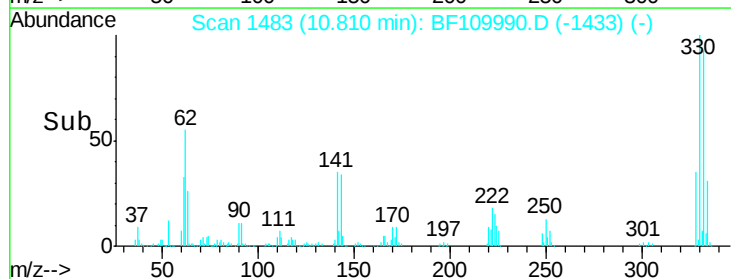
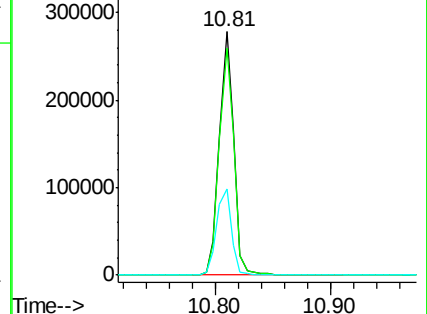
141 37.0 27.0 40.4

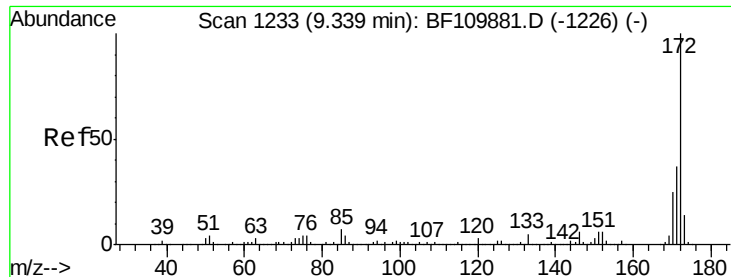


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

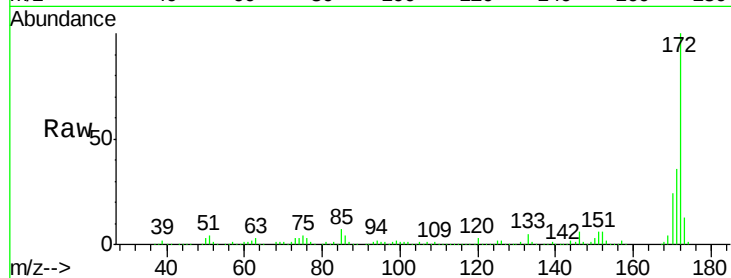




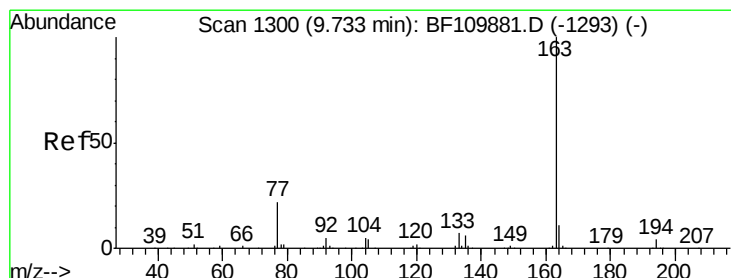
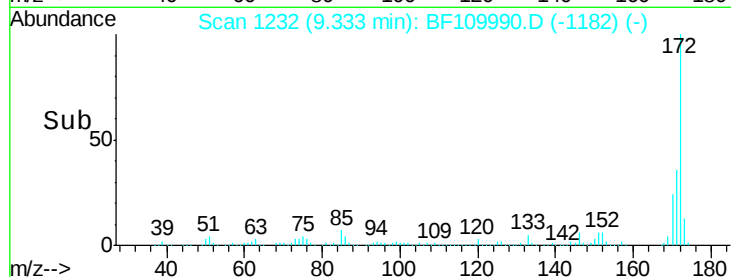
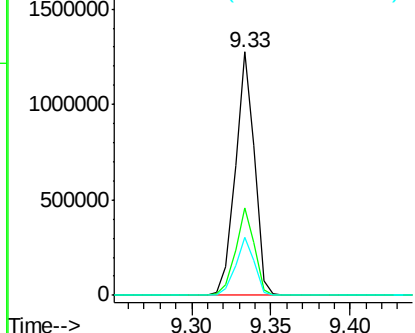
#45
 2-Fluorobiphenyl
 Concen: 64.227 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF109990.D
 Acq: 19 Oct 2018 5:34

Instrument :
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 RLF-SD-8

Tgt Ion:172 Resp: 1062772
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 43.0
 170 23.8 19.7 29.5

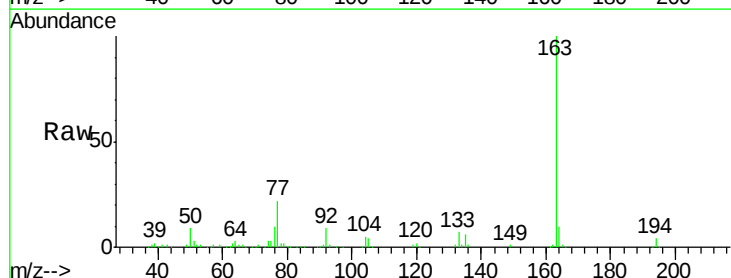


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

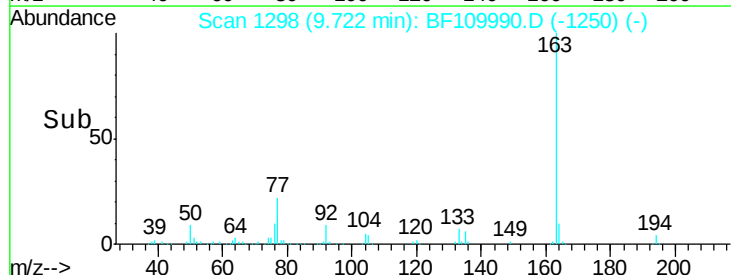
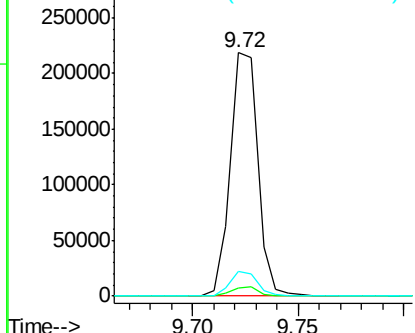


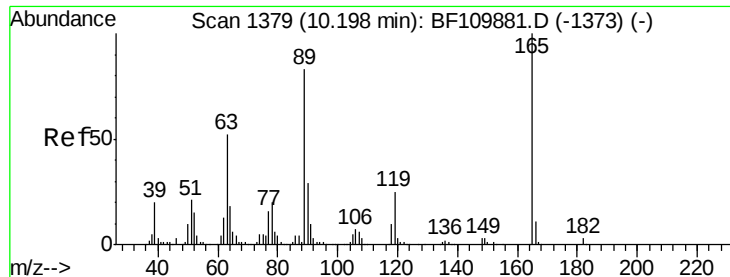
#50
 Dimethylphthalate
 Concen: 10.466 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BF109990.D
 Acq: 19 Oct 2018 5:34

Tgt Ion:163 Resp: 195675
 Ion Ratio Lower Upper
 163 100
 194 3.5 3.2 4.8
 164 10.4 8.1 12.1



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

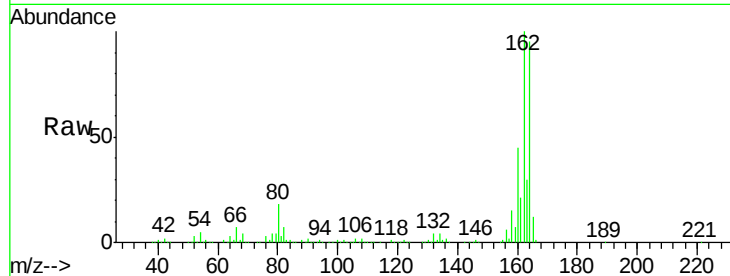




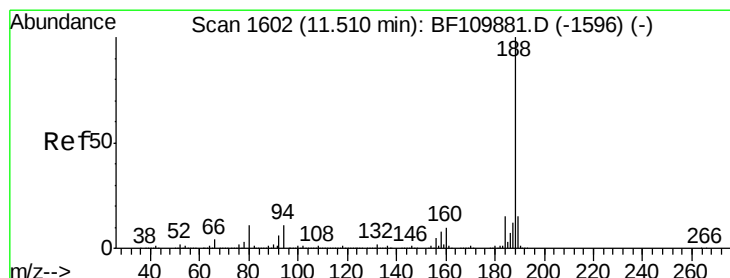
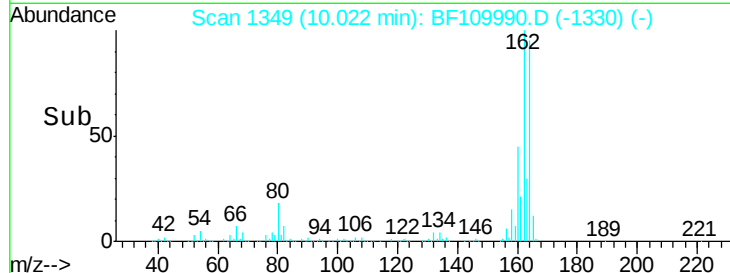
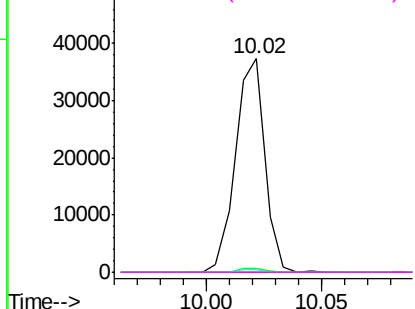
#57
 2,4-Dinitrotoluene
 Concen: 11.271 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.19 min
 Lab File: BF109990.D
 Acq: 19 Oct 2018 5:34

Instrument :
 BNA_F
 ClientSampleId :
 RLF-SD-8

Tgt Ion:165 Resp: 33168
 Ion Ratio Lower Upper
 165 100
 63 1.6 44.8 67.2#
 89 1.4 62.2 93.4#
 182 0.0 2.1 3.1#

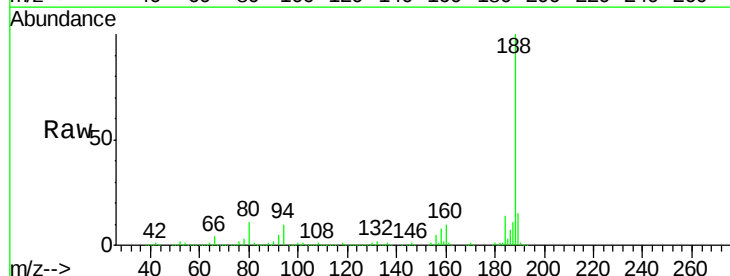


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

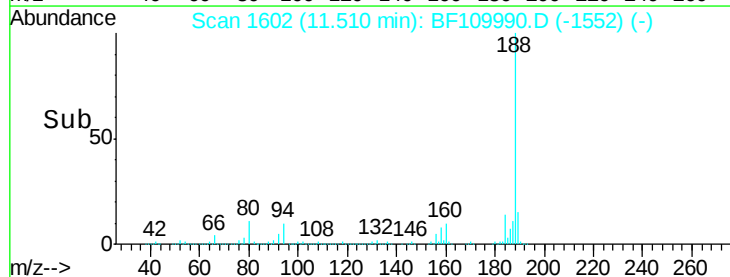
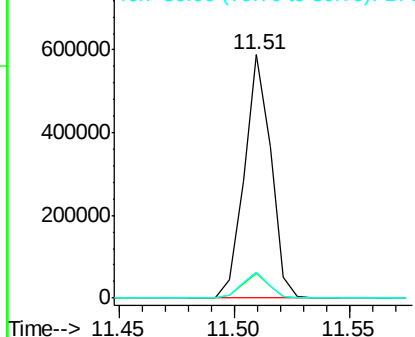


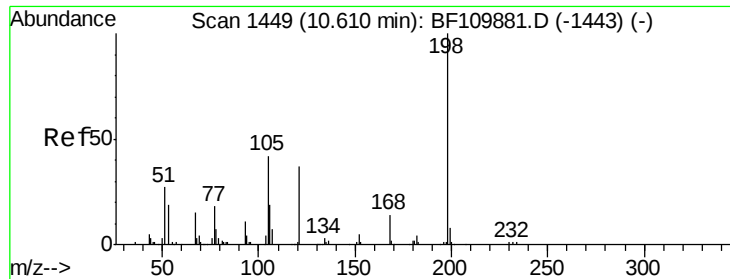
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BF109990.D
 Acq: 19 Oct 2018 5:34

Tgt Ion:188 Resp: 473454
 Ion Ratio Lower Upper
 188 100
 94 10.3 7.2 10.8
 80 10.8 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

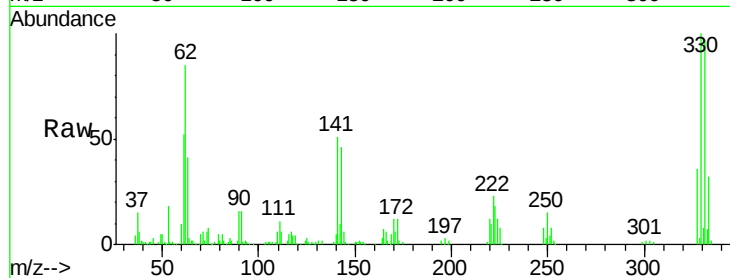




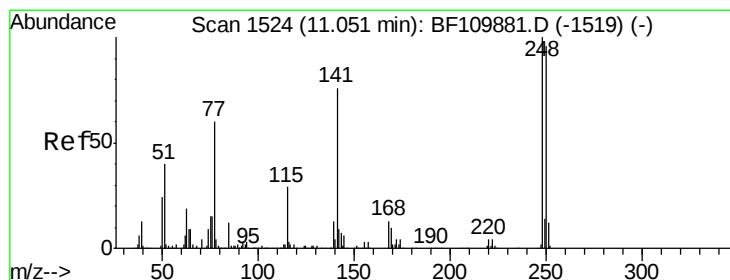
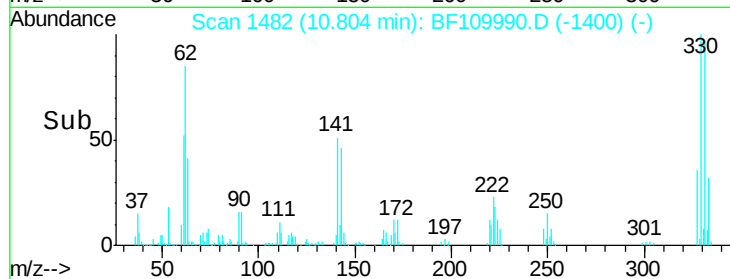
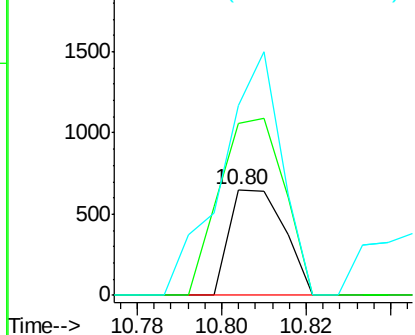
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.191 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.18 min
 Lab File: BF109990.D
 Acq: 19 Oct 2018 5:34

Instrument :
 BNA_F
 ClientSampleId :
 RLF-SD-8

Tgt Ion:198 Resp: 588
 Ion Ratio Lower Upper
 198 100
 51 162.3 22.8 62.8#
 105 179.6 23.6 63.6#

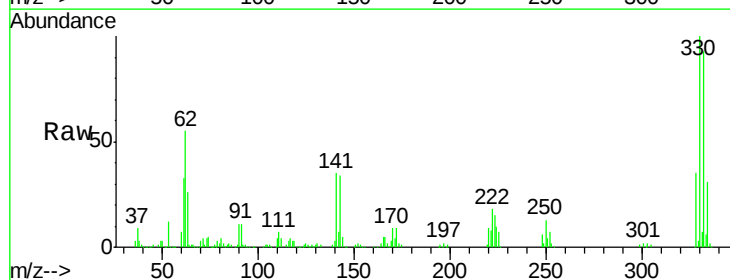


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

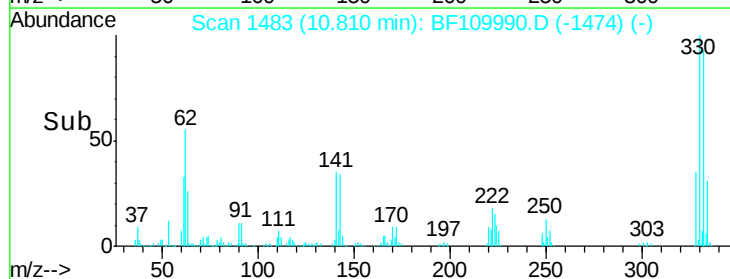
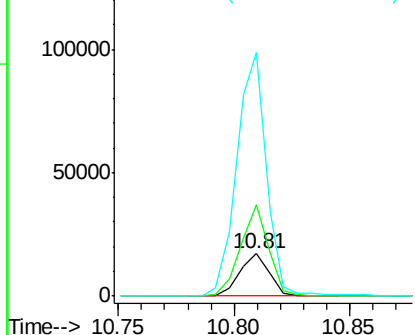


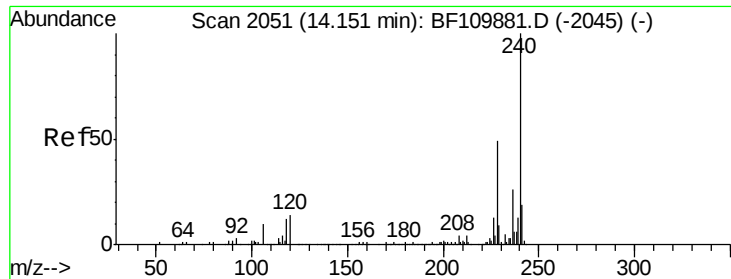
#67
 4-Bromophenyl-phenylether
 Concen: 2.962 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.25 min
 Lab File: BF109990.D
 Acq: 19 Oct 2018 5:34

Tgt Ion:248 Resp: 15198
 Ion Ratio Lower Upper
 248 100
 250 215.0 79.4 119.2#
 141 571.5 55.9 83.9#



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

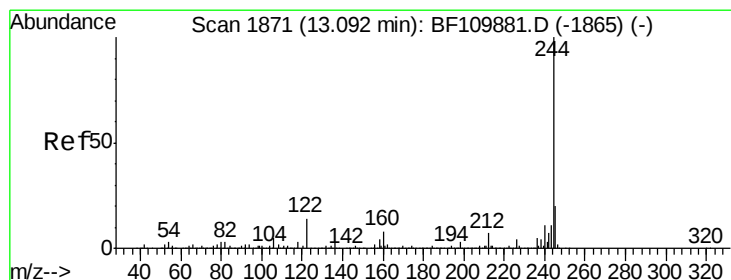
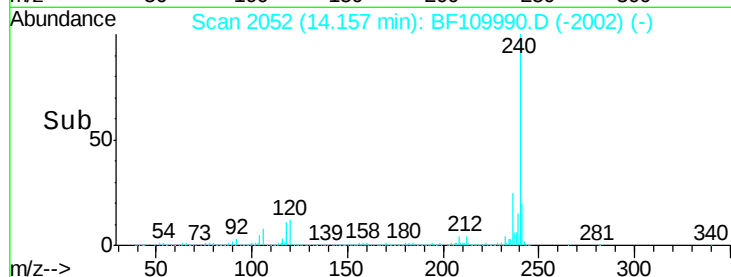
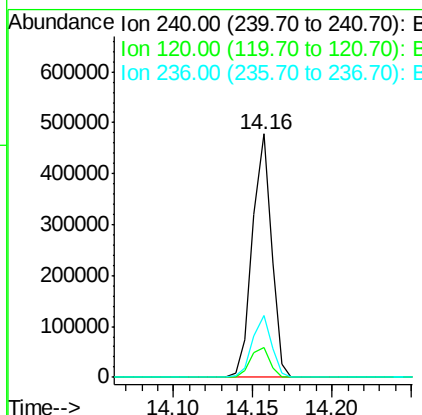
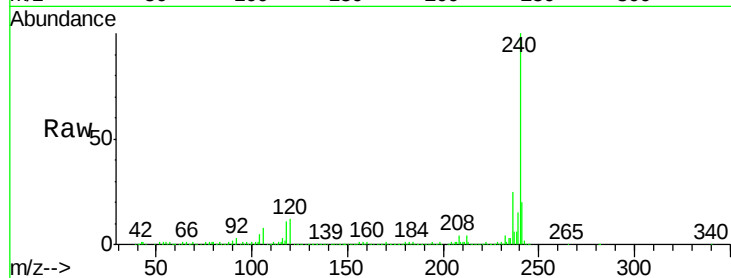




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF109990.D
Acq: 19 Oct 2018 5:34

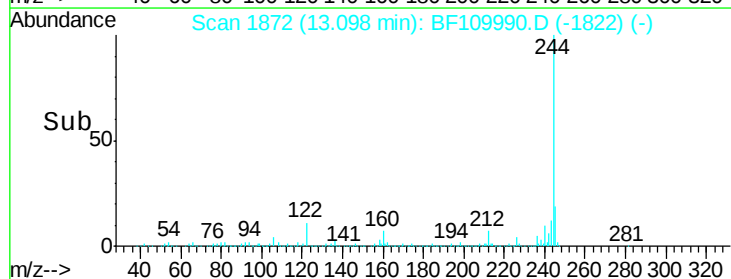
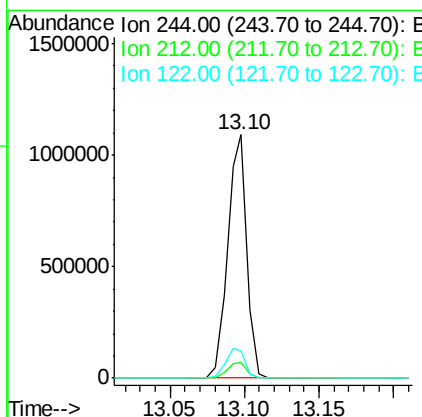
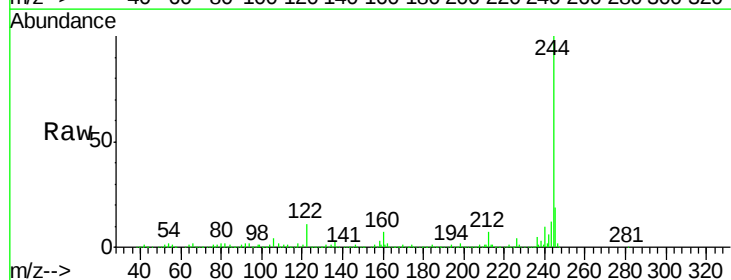
Instrument :
BNA_F
ClientSampleId :
RLF-SD-8

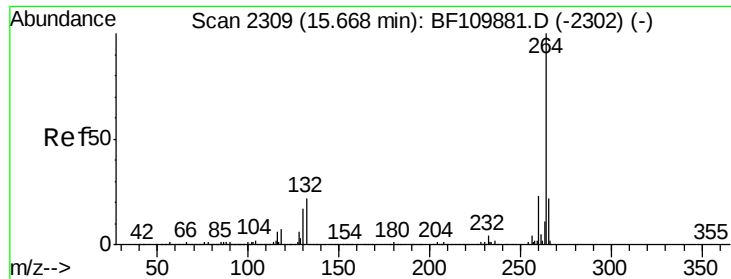
Tgt Ion:240 Resp: 400367
Ion Ratio Lower Upper
240 100
120 12.0 8.3 12.5
236 25.3 21.2 31.8



#79
Terphenyl-d14
Concen: 51.675 ng
RT: 13.10 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BF109990.D
Acq: 19 Oct 2018 5:34

Tgt Ion:244 Resp: 985225
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.8
122 11.1 8.7 13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BF109990.D
Acq: 19 Oct 2018 5:34

Instrument :
BNA_F
ClientSampleId :
RLF-SD-8

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	22.8	16.7	25.1

