

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101818\
 Data File : BF109993.D
 Acq On : 19 Oct 2018 7:28
 Operator : JU/SJ
 Sample : J5543-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101618-DBRI-E-D-B

Quant Time: Oct 19 10:32:05 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	166025	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	602626	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	226945	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	388503	20.00	ng	0.00
76) Chrysene-d12	14.16	240	357916	20.00	ng	0.00
87) Perylene-d12	15.69	264	255878	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	432048	41.25	ng	0.00
7) Phenol-d6	6.59	99	314887	24.21	ng	-0.02
23) Nitrobenzene-d5	7.54	82	947489	105.91	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	186546	94.94	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1525254	107.24	ng	0.00
79) Terphenyl-d14	13.10	244	1249606	73.32	ng	0.00

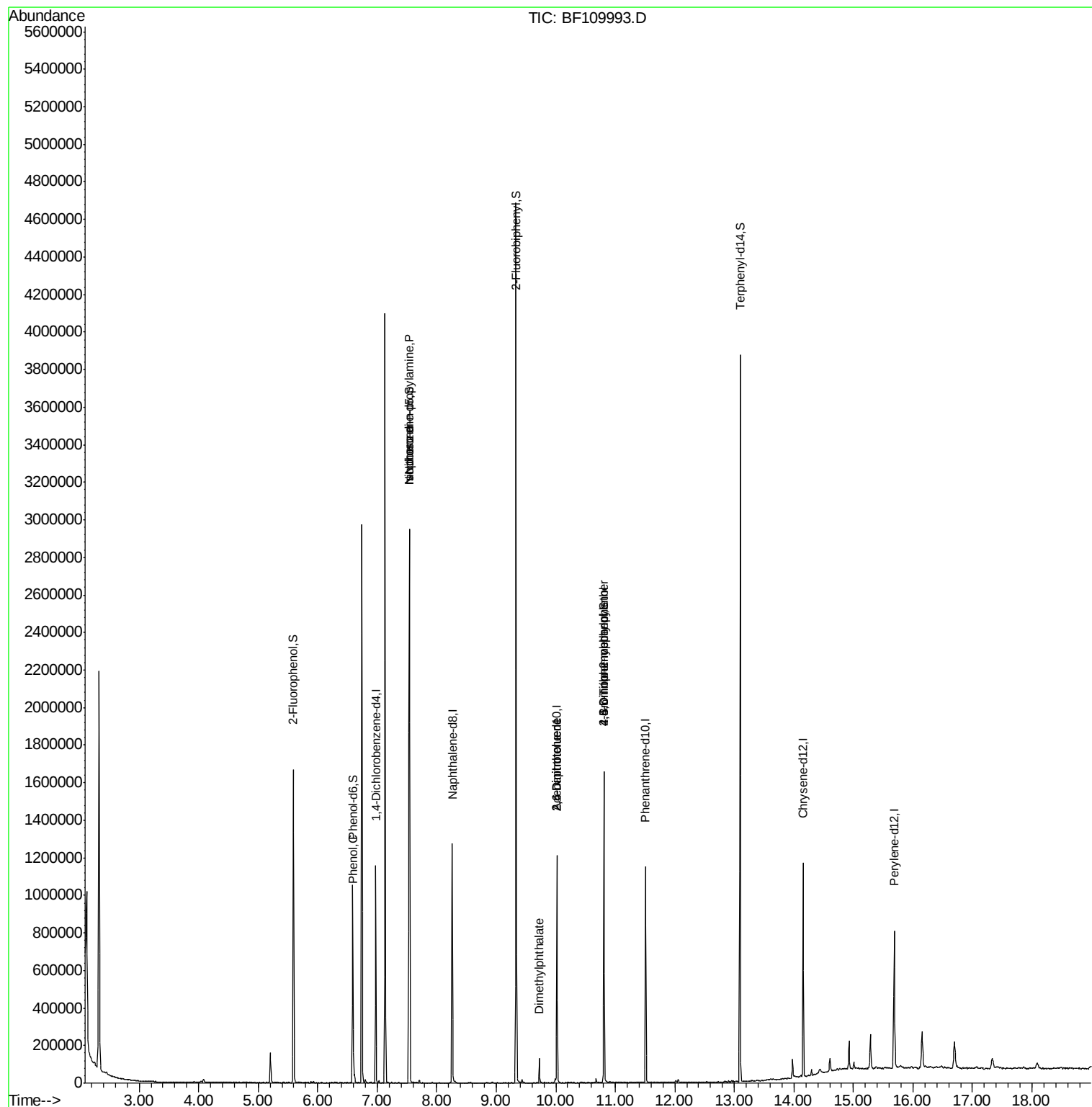
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.60	94	48541	3.457	ng	# 62
19) n-Nitroso-di-n-propylamine	7.54	70	125322	15.007	ng	# 79
25) Isophorone	7.54	82	944470	53.731	ng	# 67
50) Dimethylphthalate	9.73	163	54160	3.370	ng	# 98
51) 2,6-Dinitrotoluene	10.02	165	29036	9.513	ng	# 22
57) 2,4-Dinitrotoluene	10.02	165	29036	11.395	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.81	198	347	8.110	ng	# 1
67) 4-Bromophenyl-phenylether	10.81	248	12184	2.894	ng	# 1

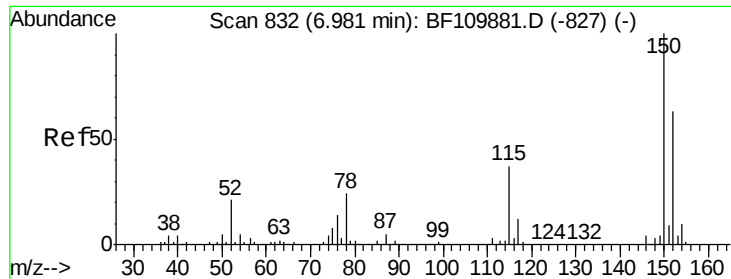
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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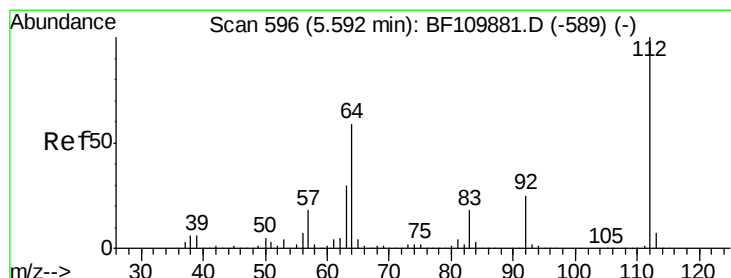
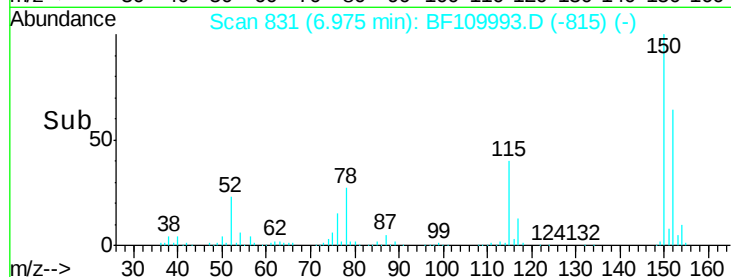
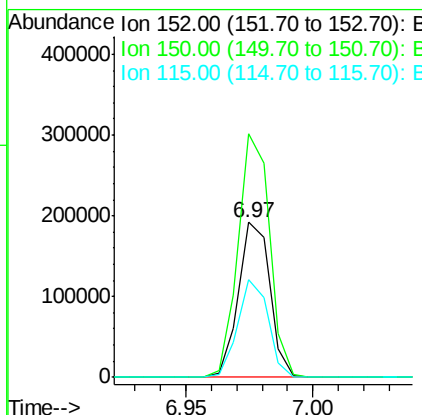
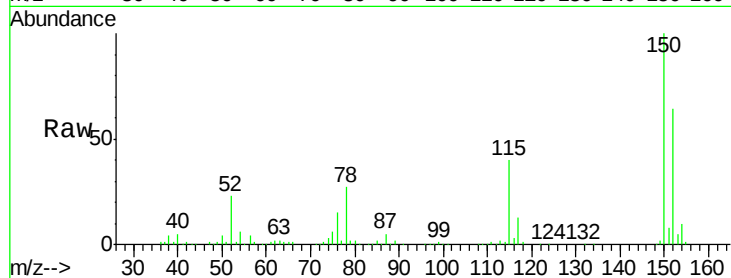




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF109993.D
 Acq: 19 Oct 2018 7:28

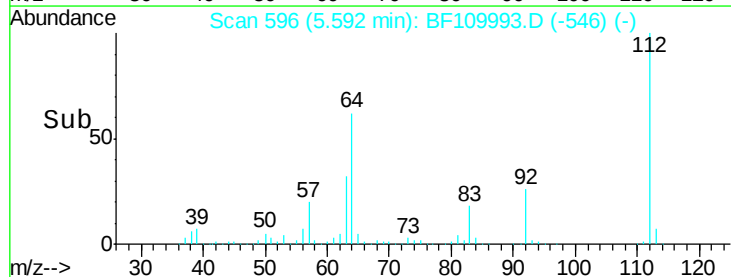
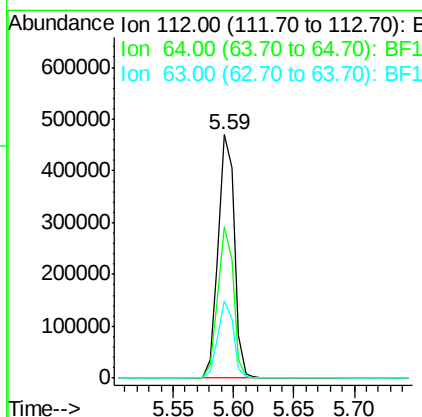
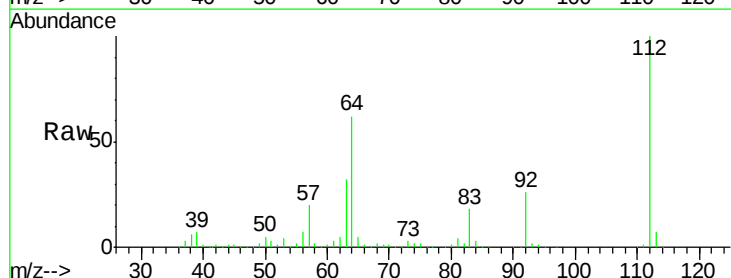
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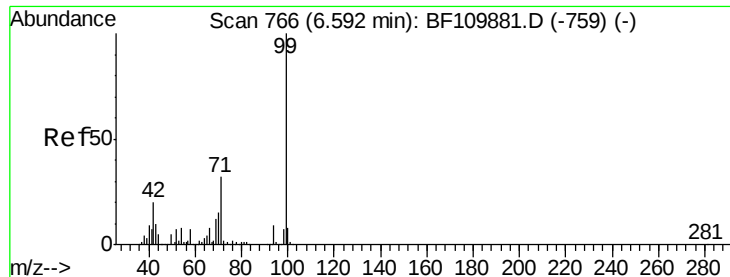
Tgt Ion:152 Resp: 166025
 Ion Ratio Lower Upper
 152 100
 150 157.4 122.7 184.1
 115 62.8 49.1 73.7



#5
 2-Fluorophenol
 Concen: 41.250 ng
 RT: 5.59 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF109993.D
 Acq: 19 Oct 2018 7:28

Tgt Ion:112 Resp: 432048
 Ion Ratio Lower Upper
 112 100
 64 62.1 44.1 66.1
 63 31.9 23.7 35.5





#7

Phenol-d6

Concen: 24.211 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF109993.D

Acq: 19 Oct 2018 7:28

Instrument :

BNA_F

ClientSampleId :

101618-DBRI-E-D-B

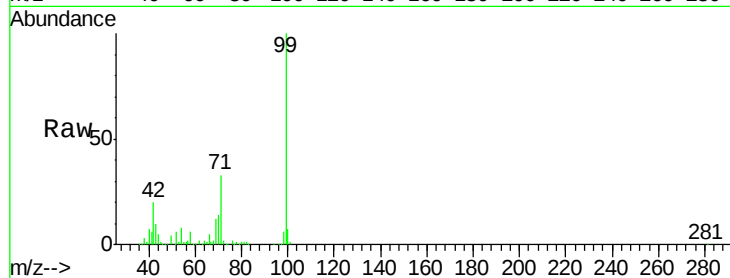
Tgt Ion: 99 Resp: 314887

Ion Ratio Lower Upper

99 100

42 19.9 15.8 23.6

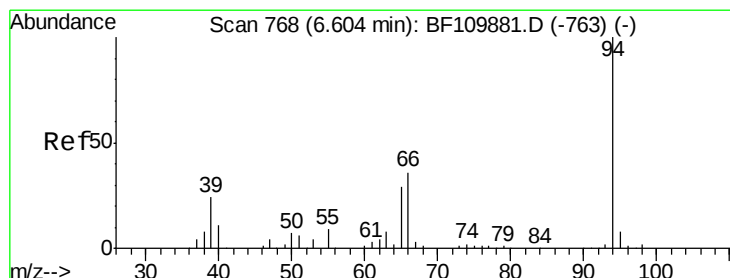
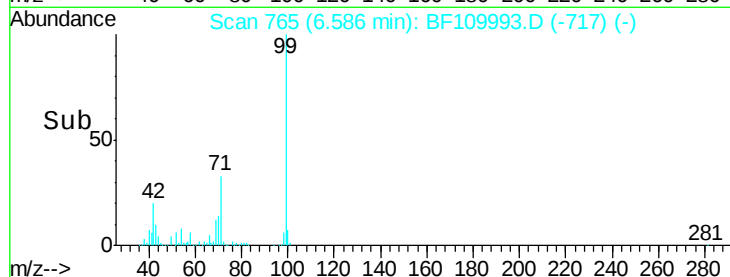
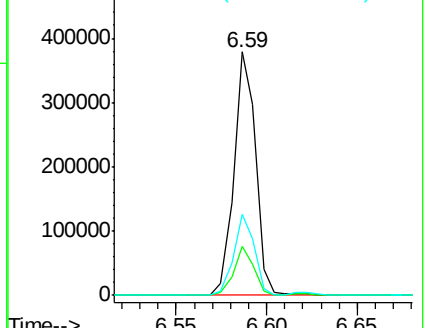
71 33.1 28.0 42.0



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: 3.457 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF109993.D

Acq: 19 Oct 2018 7:28

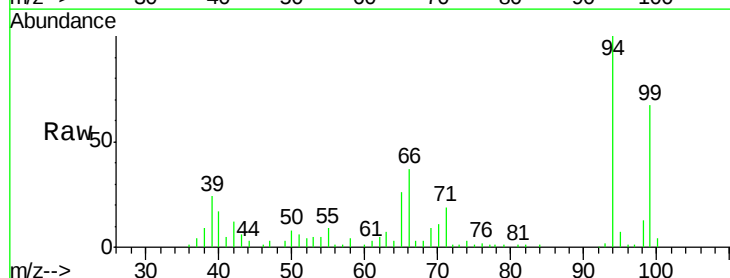
Tgt Ion: 94 Resp: 48541

Ion Ratio Lower Upper

94 100

65 26.4 25.3 65.3

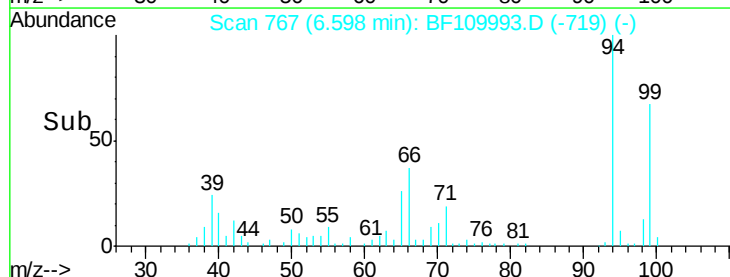
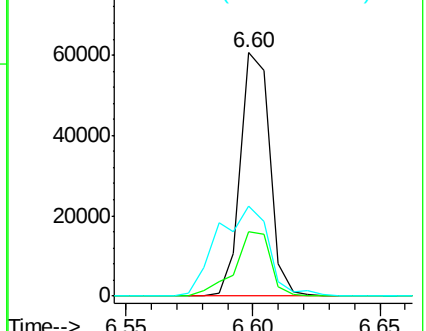
66 37.2 54.5 94.5#

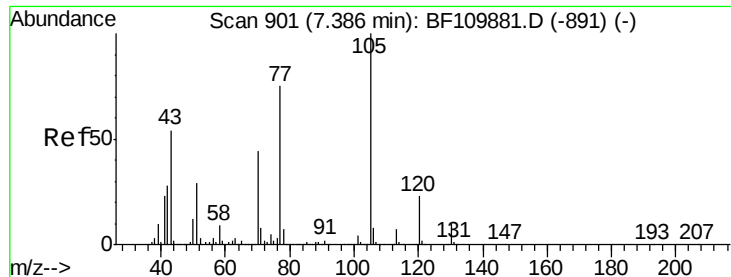


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

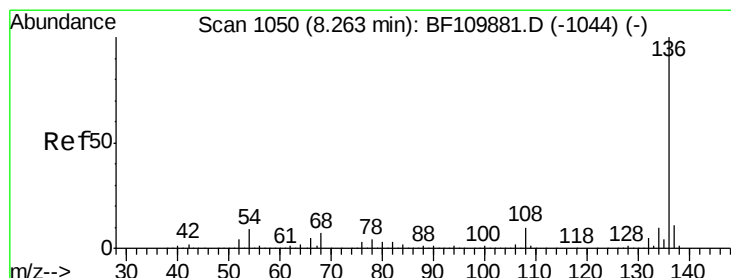
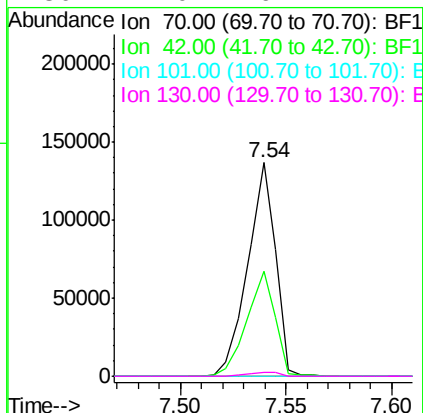
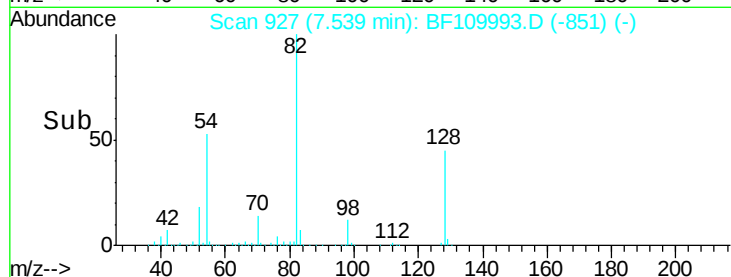
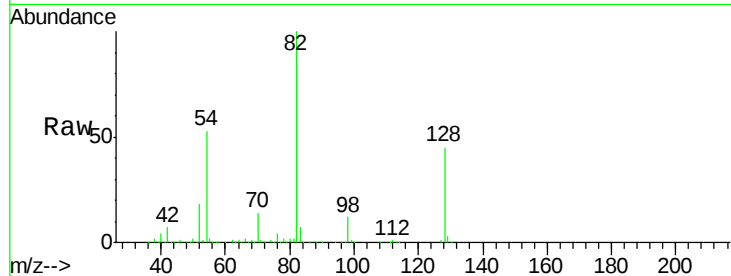




#19
n-Nitroso-di-n-propylamine
Concen: 15.007 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.15 min
Lab File: BF109993.D
Acq: 19 Oct 2018 7:28

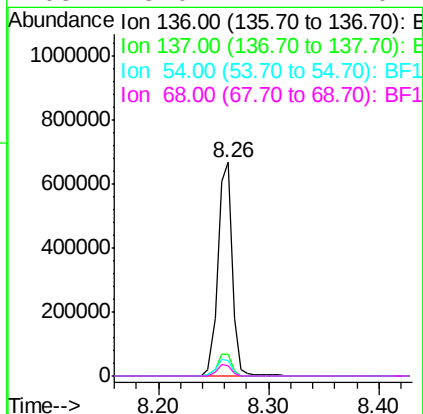
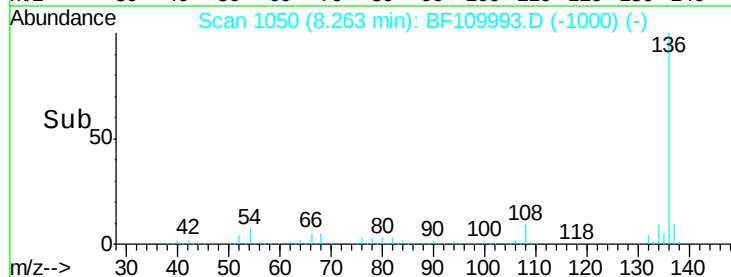
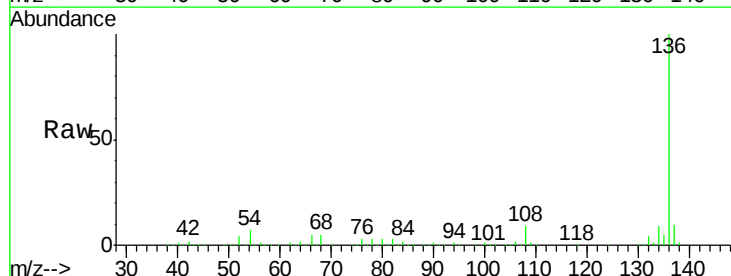
Instrument :
BNA_F
ClientSampleId :
101618-DBRI-E-D-B

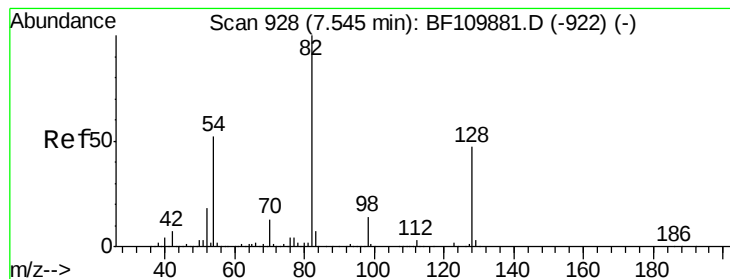
Tgt Ion: 70 Resp: 125322
Ion Ratio Lower Upper
70 100
42 48.9 47.4 71.2
101 0.0 7.3 10.9#
130 2.0 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF109993.D
Acq: 19 Oct 2018 7:28

Tgt Ion: 136 Resp: 602626
Ion Ratio Lower Upper
136 100
137 10.1 8.8 13.2
54 6.9 5.4 8.2
68 5.0 4.2 6.2





#23

Nitrobenzene-d5

Concen: 105.914 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF109993.D

Acq: 19 Oct 2018 7:28

Instrument :

BNA_F

ClientSampleId :

101618-DBRI-E-D-B

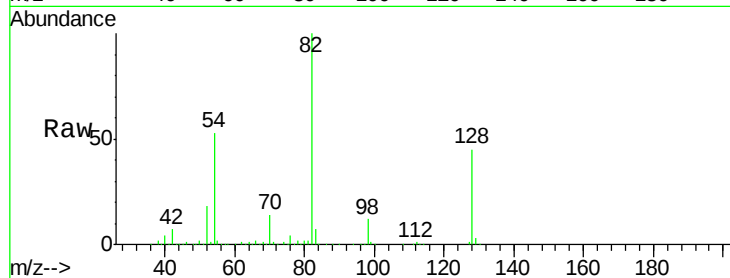
Tgt Ion: 82 Resp: 947489

Ion Ratio Lower Upper

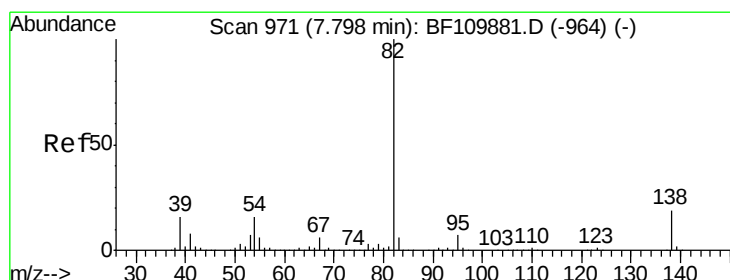
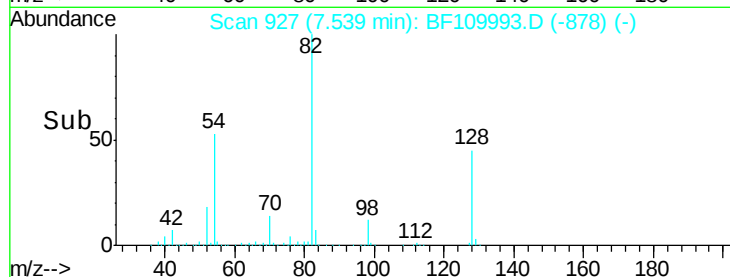
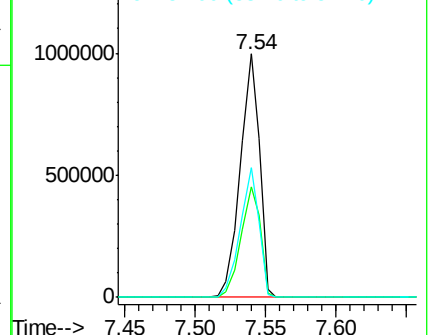
82 100

128 45.2 34.2 51.2

54 53.5 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: 53.731 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.26 min

Lab File: BF109993.D

Acq: 19 Oct 2018 7:28

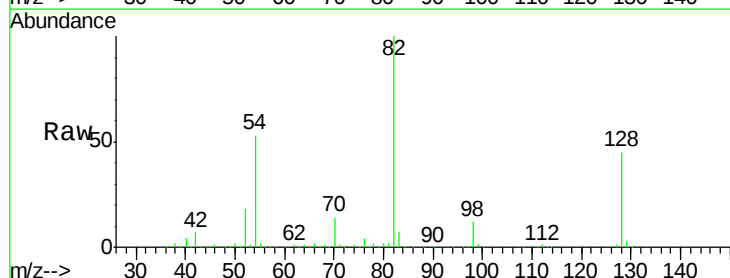
Tgt Ion: 82 Resp: 944470

Ion Ratio Lower Upper

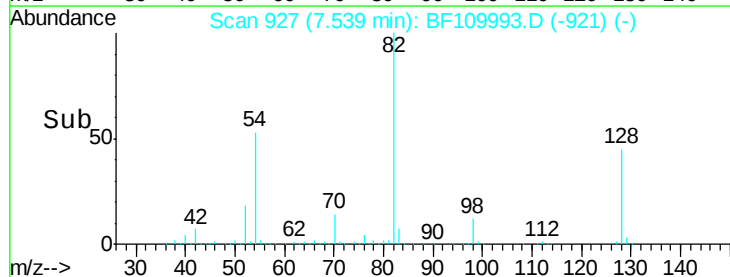
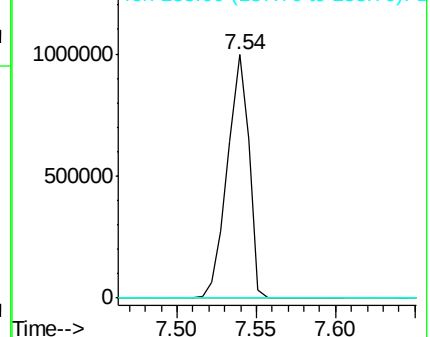
82 100

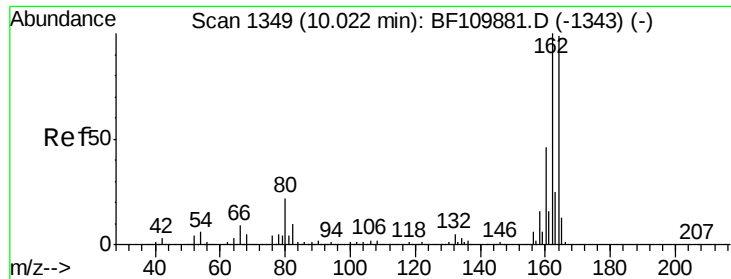
95 0.0 5.7 8.5#

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: BF109993.D

Acq: 19 Oct 2018 7:28

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ClientSampleId :

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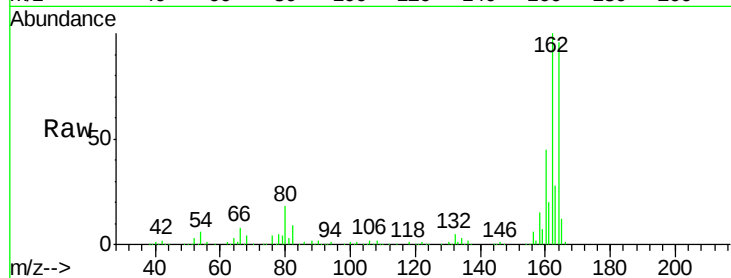
Tgt Ion:164 Resp: 226945

Ion Ratio Lower Upper

164 100

162 104.3 83.0 124.6

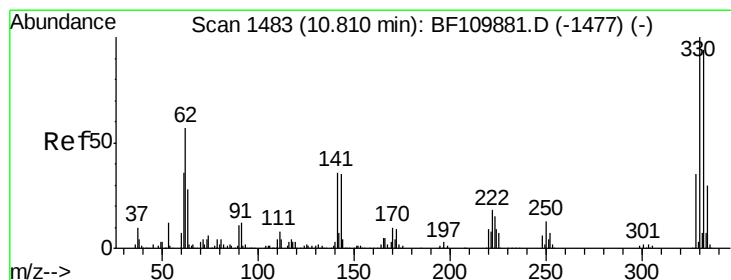
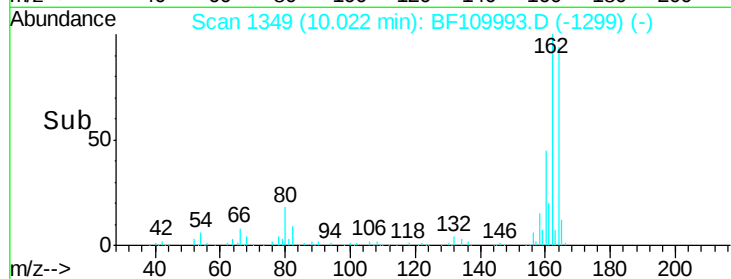
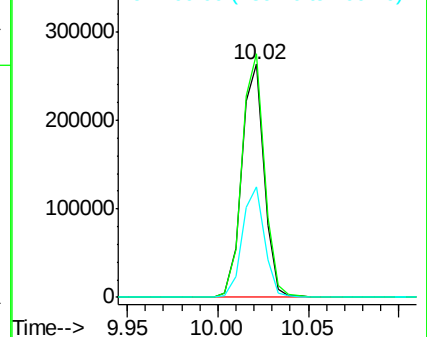
160 47.3 37.0 55.6



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: 94.943 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF109993.D

Acq: 19 Oct 2018 7:28

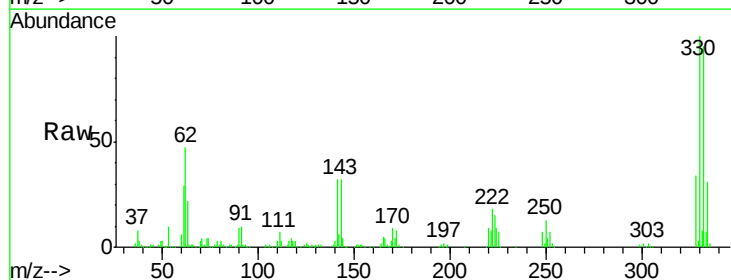
Tgt Ion:330 Resp: 186546

Ion Ratio Lower Upper

330 100

332 94.0 77.1 115.7

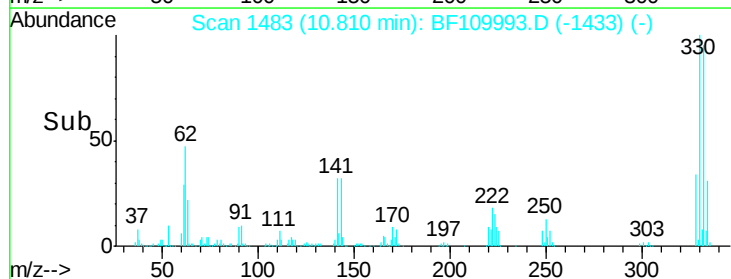
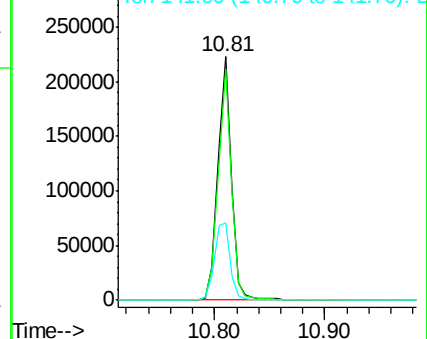
141 36.0 27.0 40.4

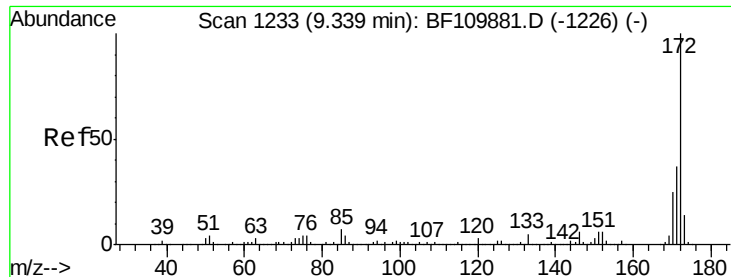


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

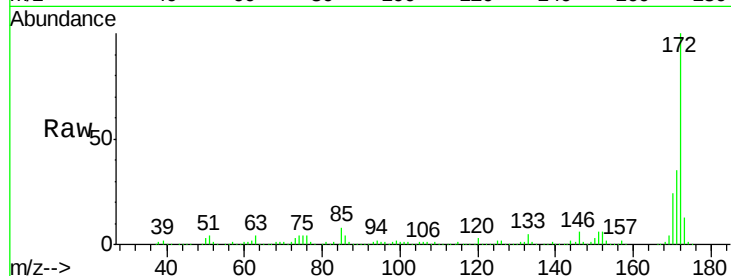




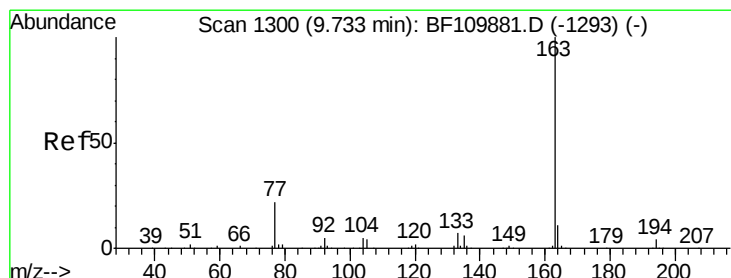
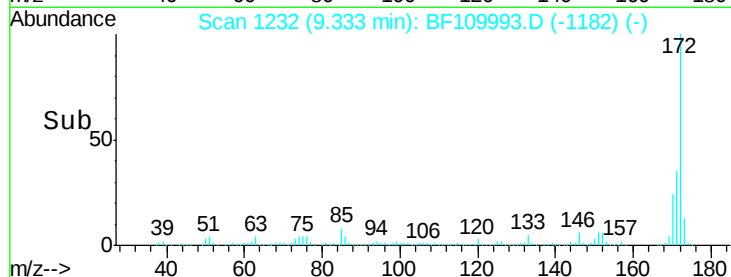
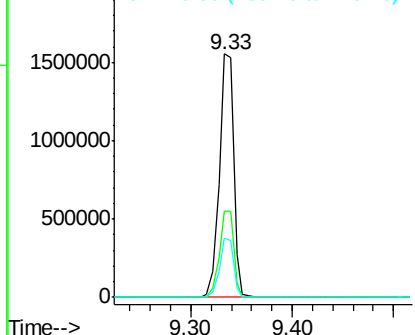
#45
 2-Fluorobiphenyl
 Concen: 107.241 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF109993.D
 Acq: 19 Oct 2018 7:28

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Tgt Ion:172 Resp: 1525254
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 43.0
 170 24.1 19.7 29.5

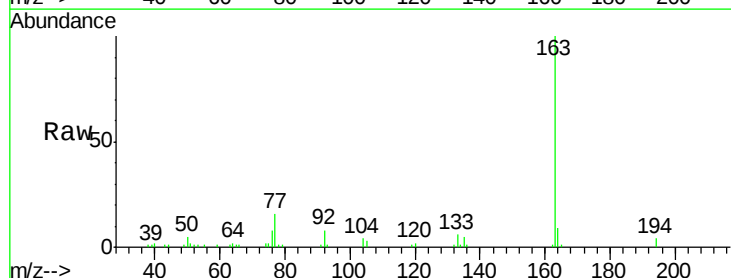


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

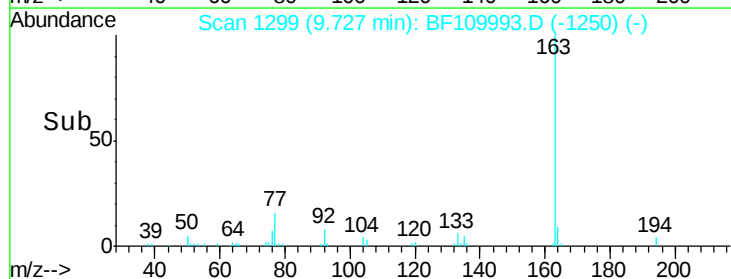
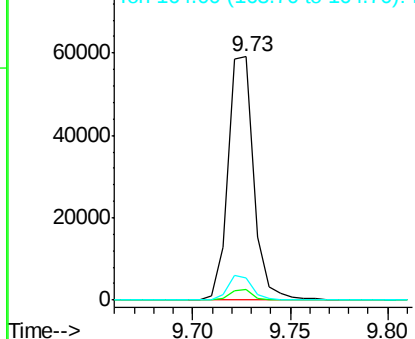


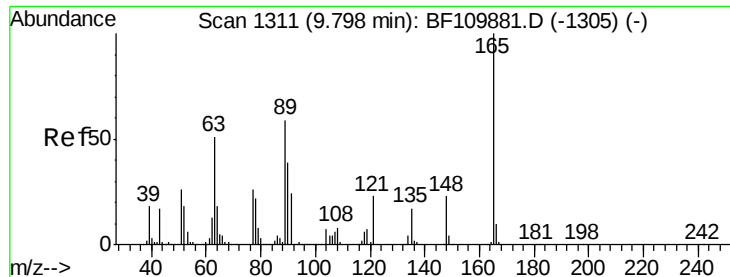
#50
 Dimethylphthalate
 Concen: 3.370 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF109993.D
 Acq: 19 Oct 2018 7:28

Tgt Ion:163 Resp: 54160
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.2 4.8
 164 9.0 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

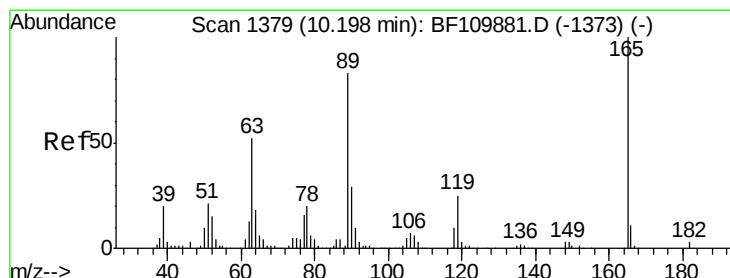
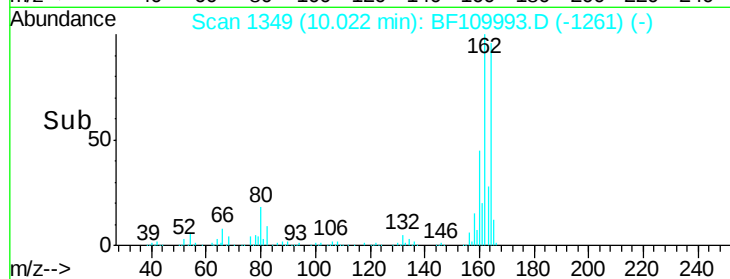
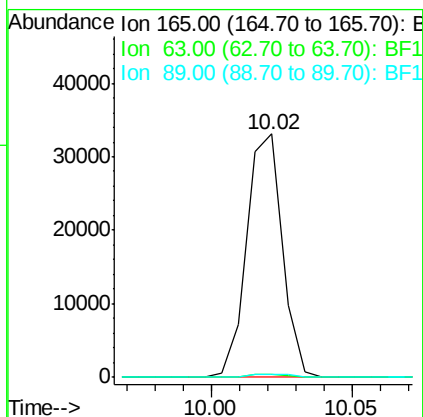
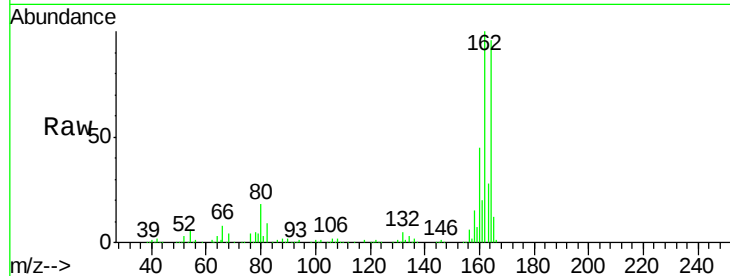




#51
 2,6-Dinitrotoluene
 Concen: 9.513 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. 0.22 min
 Lab File: BF109993.D
 Acq: 19 Oct 2018 7:28

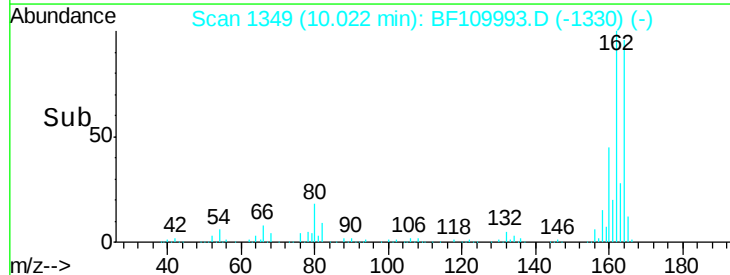
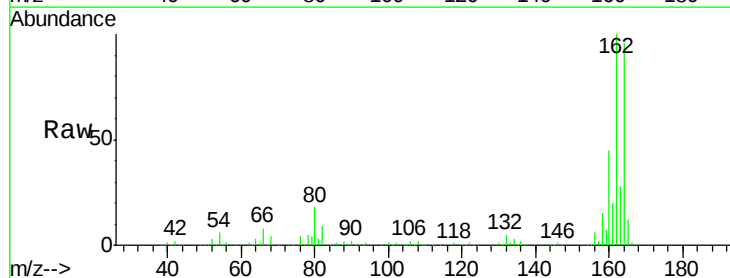
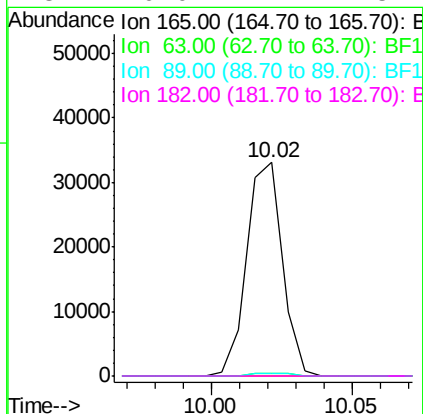
Instrument :
 BNA_F
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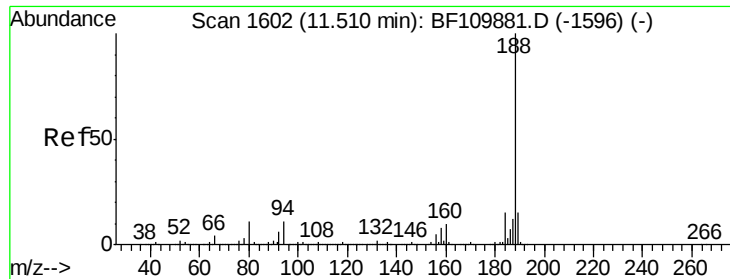
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	48.9	73.3#
89	1.5	46.6	69.8#



#57
 2,4-Dinitrotoluene
 Concen: 11.395 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.19 min
 Lab File: BF109993.D
 Acq: 19 Oct 2018 7:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.8	67.2#
89	1.5	62.2	93.4#
182	0.0	2.1	3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BF109993.D

Acq: 19 Oct 2018 7:28

Instrument :

BNA_F

ClientSampleId :

101618-DBRI-E-D-B

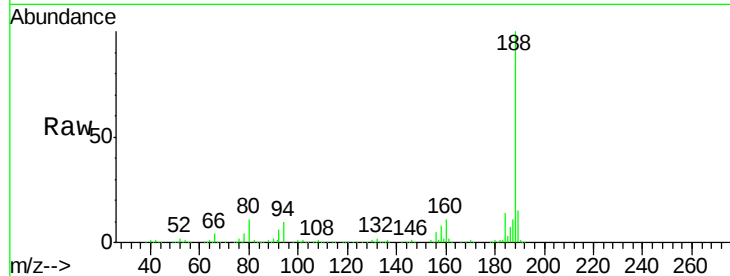
Tgt Ion:188 Resp: 388503

Ion Ratio Lower Upper

188 100

94 10.4 7.2 10.8

80 11.0 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

11.51

400000

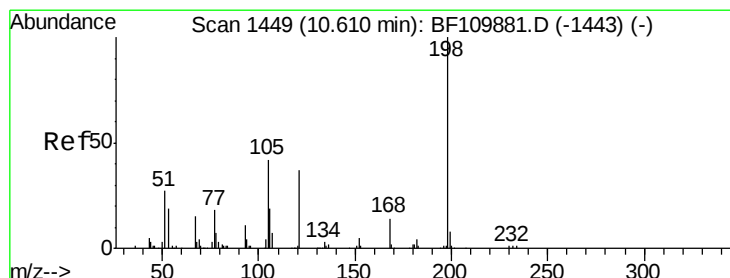
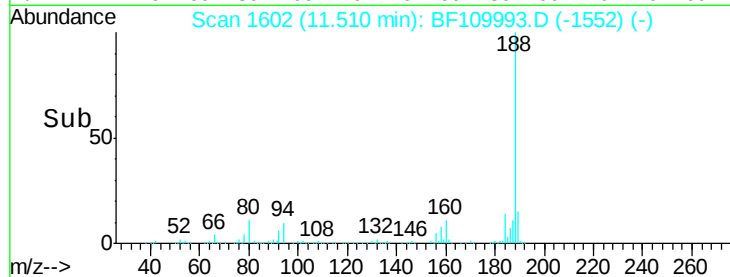
300000

200000

100000

0

Time--> 11.45 11.50 11.55



#65

4,6-Dinitro-2-methylphenol

Concen: 8.110 ng

RT: 10.81 min Scan# 1483

Delta R.T. 0.19 min

Lab File: BF109993.D

Acq: 19 Oct 2018 7:28

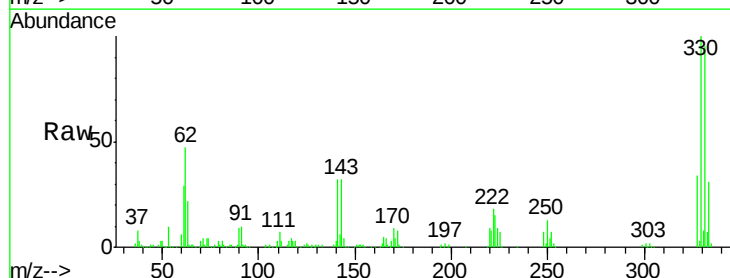
Tgt Ion:198 Resp: 347

Ion Ratio Lower Upper

198 100

51 139.8 22.8 62.8#

105 166.6 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

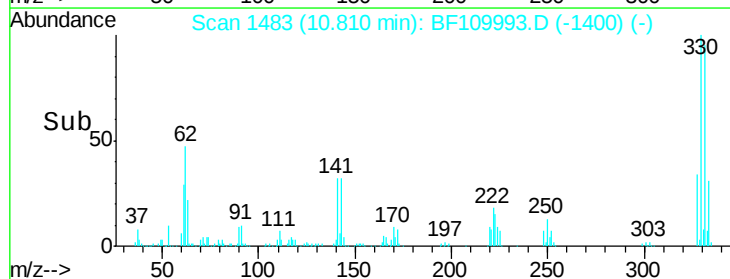
10.81

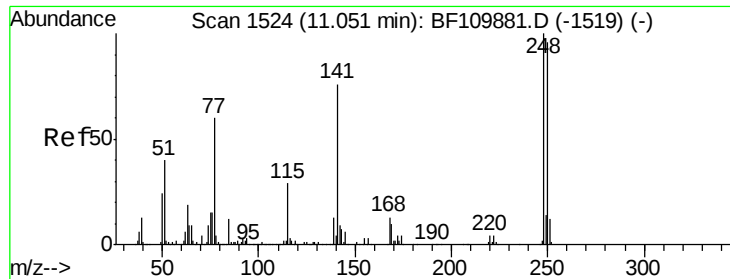
1000

500

0

Time--> 10.78 10.80 10.82

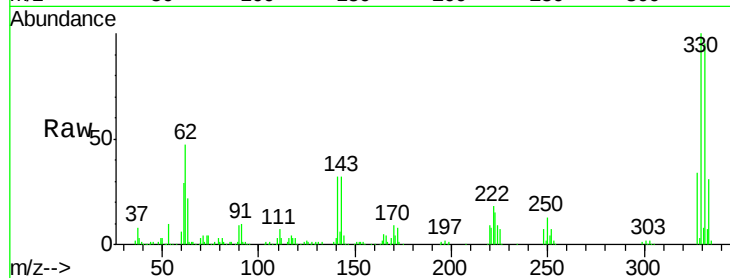




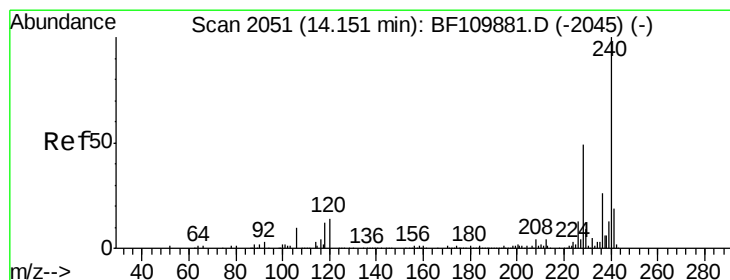
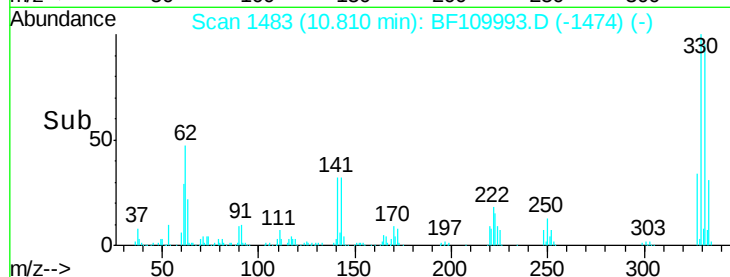
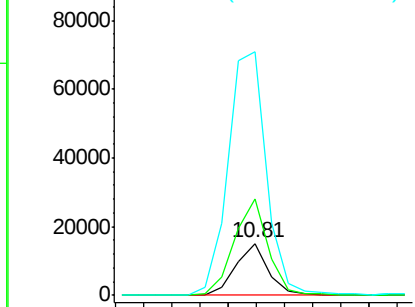
#67
4-Bromophenyl-phenylether
Concen: 2.894 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.25 min
Lab File: BF109993.D
Acq: 19 Oct 2018 7:28

Instrument :
BNA_F
ClientSampleId :
101618-DBRI-E-D-B

Tgt Ion:248 Resp: 12184
Ion Ratio Lower Upper
248 100
250 185.6 79.4 119.2#
141 468.6 55.9 83.9#

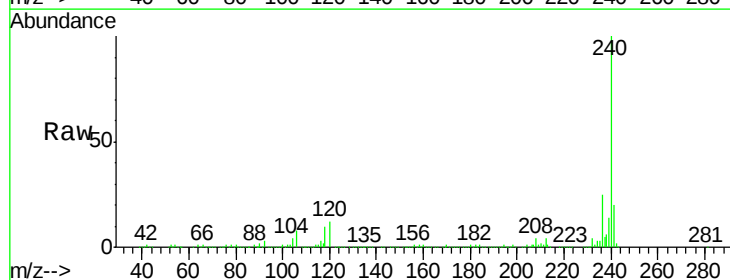


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

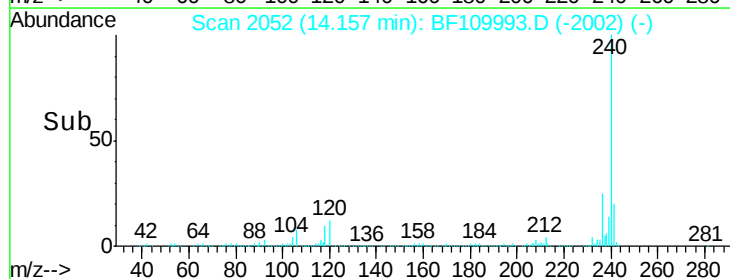
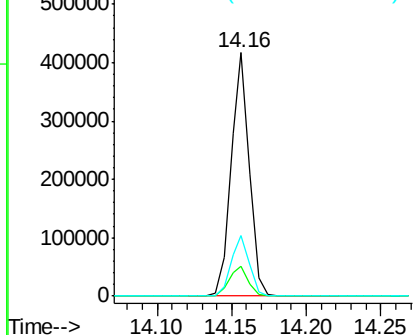


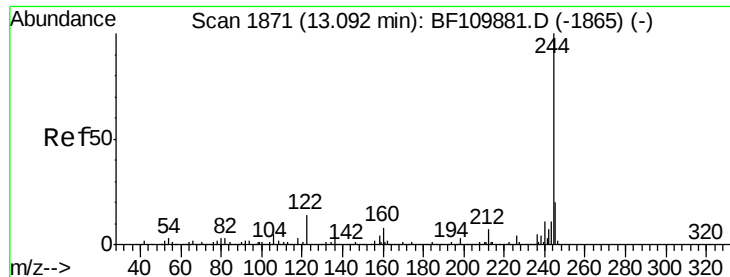
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF109993.D
Acq: 19 Oct 2018 7:28

Tgt Ion:240 Resp: 357916
Ion Ratio Lower Upper
240 100
120 12.0 8.3 12.5
236 25.0 21.2 31.8



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

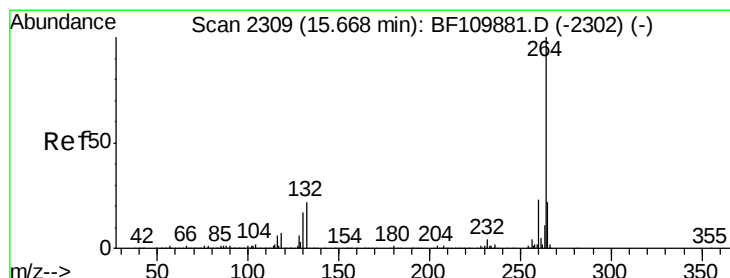
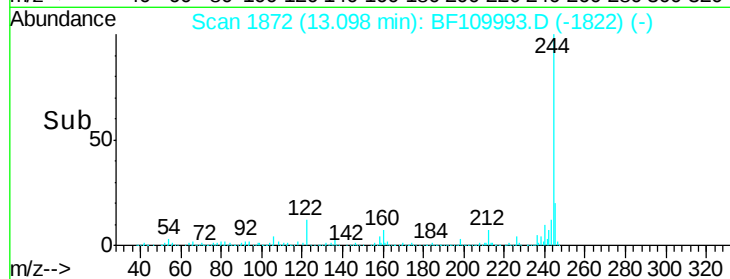
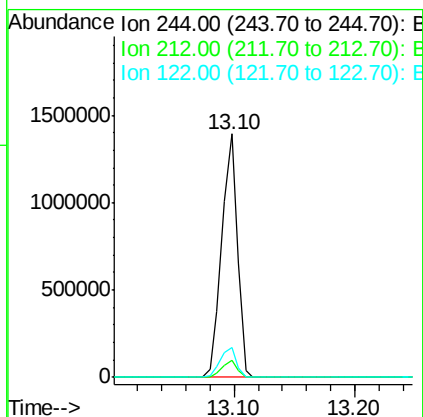
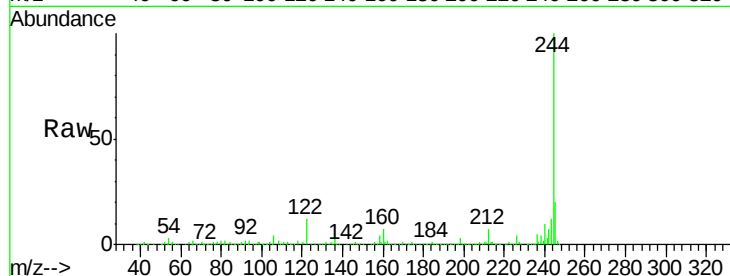




#79
 Terphenyl-d14
 Concen: 73.316 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BF109993.D
 Acq: 19 Oct 2018 7:28

Instrument :
 BNA_F
 ClientSampleId :
 101618-DBRI-E-D-B

Tgt Ion:244 Resp: 1249606
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 12.4 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: BF109993.D
 Acq: 19 Oct 2018 7:28

Tgt Ion:264 Resp: 255878
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.7 28.1
 265 21.4 16.7 25.1

