

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110518\
 Data File : BF110482.D
 Acq On : 5 Nov 2018 23:58
 Operator : JU/SJ
 Sample : J5690-04DL2 40X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-202DL2

Quant Time: Nov 06 03:48:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

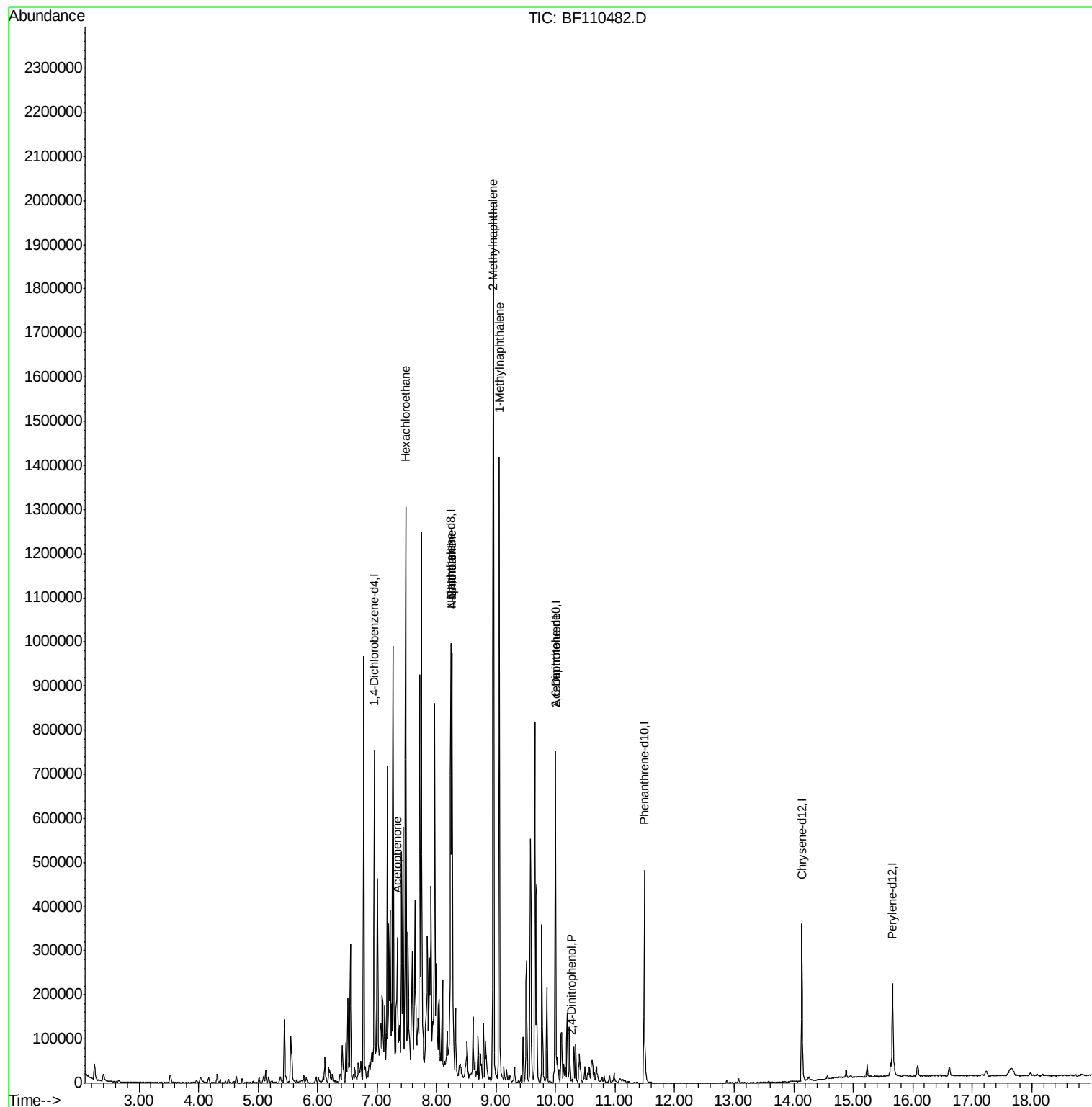
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	83955	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	352457	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	149646	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	229083	20.00	ng	0.00
76) Chrysene-d12	14.14	240	166897	20.00	ng	0.00
87) Perylene-d12	15.66	264	128253	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1393	0.27	ng	0.01
7) Phenol-d6	6.60	99	1873	0.28	ng	0.02
23) Nitrobenzene-d5	7.52	82	4370	0.74	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	774	0.52	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	9746	1.02	ng	0.00
79) Terphenyl-d14	13.07	244	5400	0.67	ng	0.00
Target Compounds						
18) Hexachloroethane	7.48	117	35170	14.521	ng	# 1
22) Acetophenone	7.34	105	78842	9.708	ng	# 60
31) Naphthalene	8.26	128	378117	23.277	ng	# 99
33) 4-Chloroaniline	8.26	127	49782	6.809	ng	# 34
37) 2-Methylnaphthalene	8.95	142	570966	53.124	ng	# 99
38) 1-Methylnaphthalene	9.05	142	378925	36.483	ng	# 98
51) 2,6-Dinitrotoluene	10.00	165	22182	9.322	ng	# 23
54) 2,4-Dinitrophenol	10.27	184	217	5.390	ng	# 12

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

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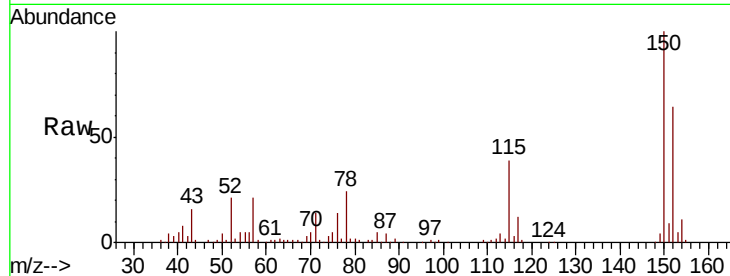


#1

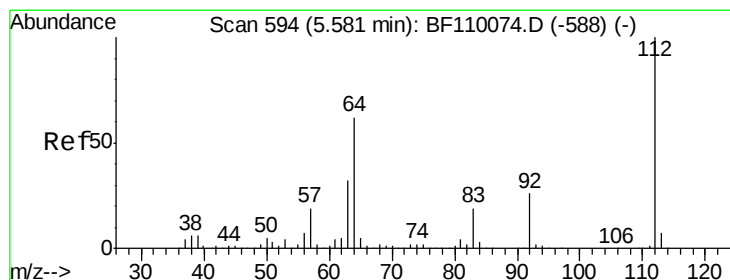
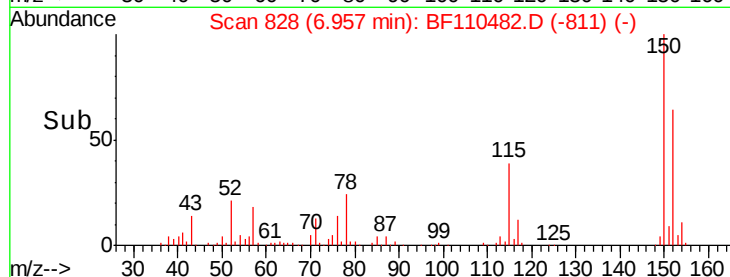
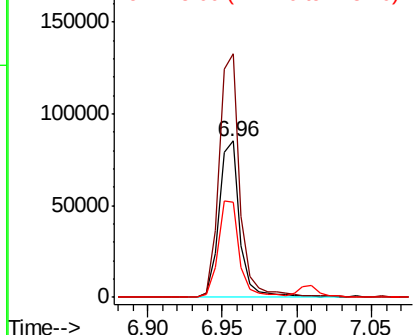
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF110482.D
Acq: 5 Nov 2018 23:58

Instrument :
BNA_F
ClientSampleId :
MW-202DL2

Tgt Ion:152 Resp: 83955
Ion Ratio Lower Upper
152 100
150 155.9 122.7 184.1
115 60.6 49.1 73.7



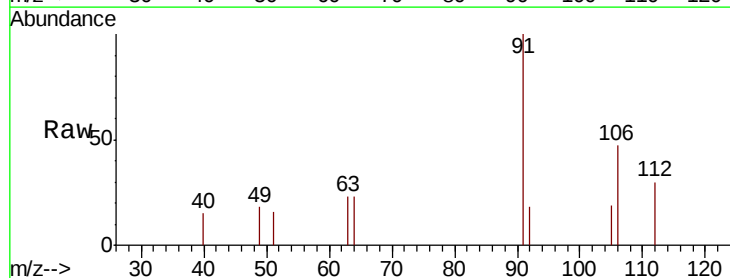
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



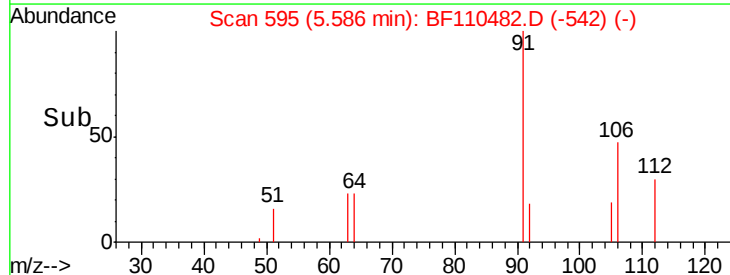
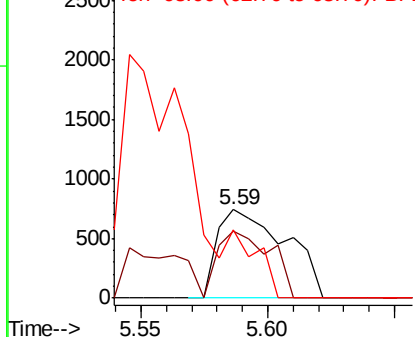
#5

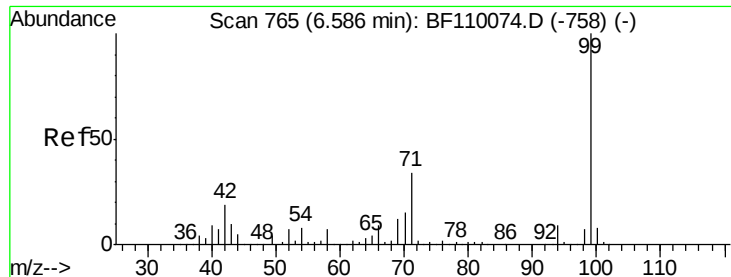
2-Fluorophenol
Concen: 0.270 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF110482.D
Acq: 5 Nov 2018 23:58

Tgt Ion:112 Resp: 1393
Ion Ratio Lower Upper
112 100
64 76.2 44.1 66.1#
63 77.3 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: 0.284 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.02 min

Lab File: BF110482.D

Acq: 5 Nov 2018 23:58

Instrument :

BNA_F

ClientSampleId :

MW-202DL2

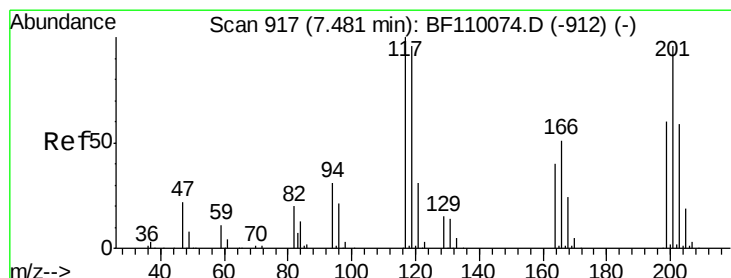
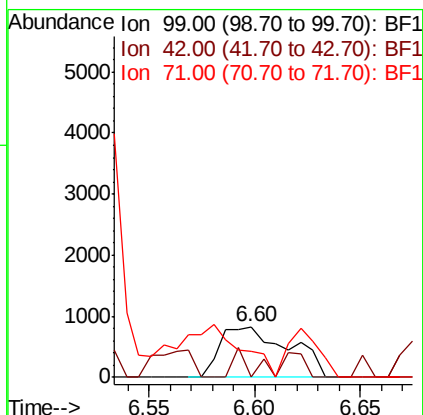
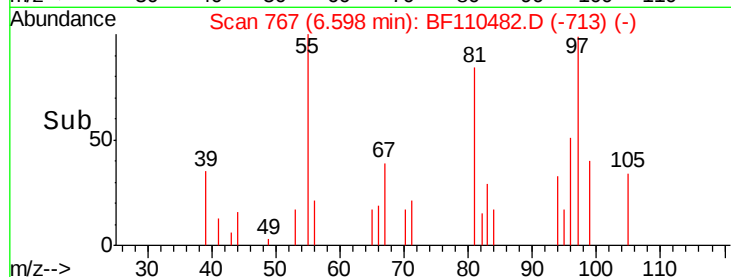
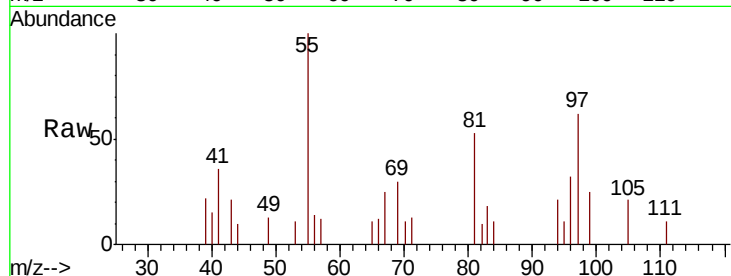
Tgt Ion: 99 Resp: 1873

Ion Ratio Lower Upper

99 100

42 0.0 15.8 23.6#

71 50.7 28.0 42.0#



#18

Hexachloroethane

Concen: 14.521 ng

RT: 7.48 min Scan# 917

Delta R.T. 0.01 min

Lab File: BF110482.D

Acq: 5 Nov 2018 23:58

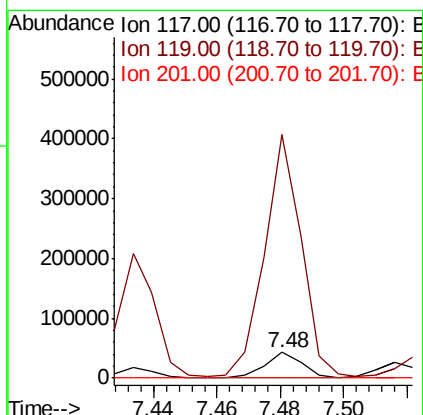
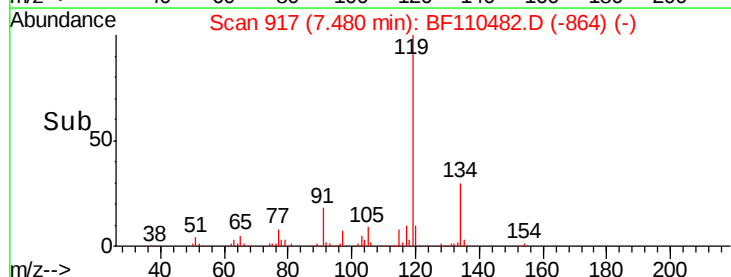
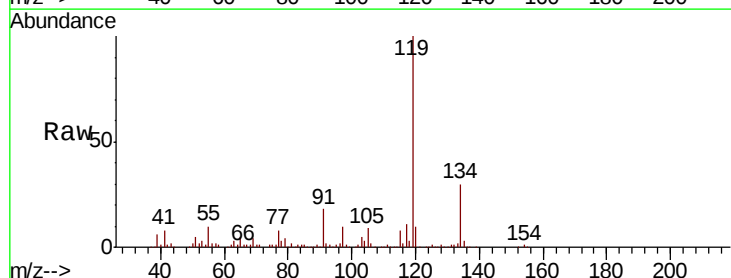
Tgt Ion: 117 Resp: 35170

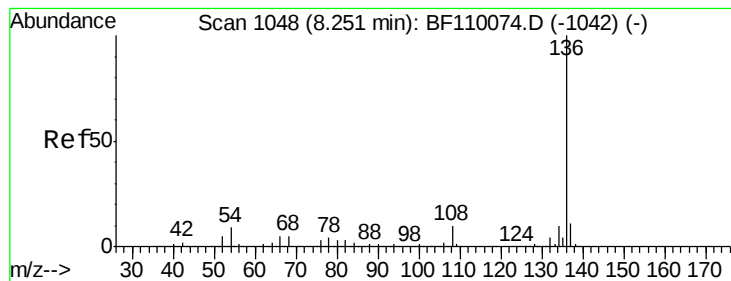
Ion Ratio Lower Upper

117 100

119 948.9 75.0 112.6#

201 0.0 79.2 118.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BF110482.D

Acq: 5 Nov 2018 23:58

Instrument :

BNA_F

ClientSampleId :

MW-202DL2

Tgt Ion:136 Resp: 352457

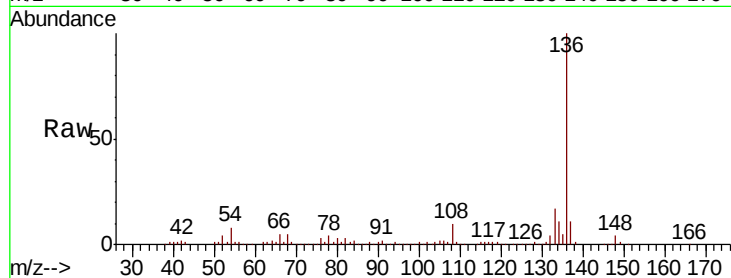
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.6 5.4 8.2

68 5.0 4.2 6.2

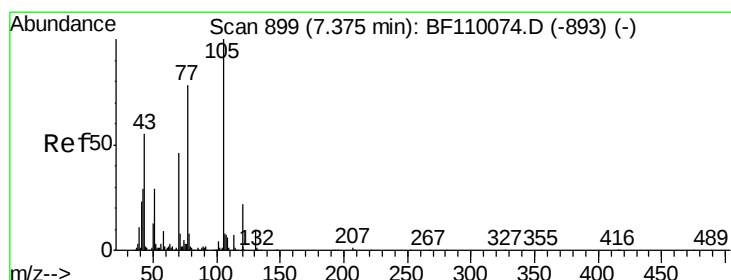
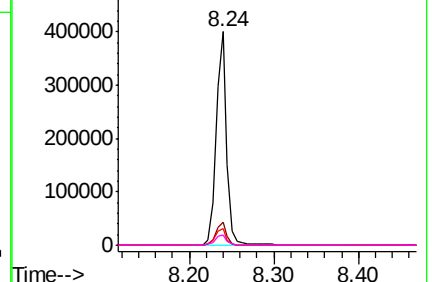
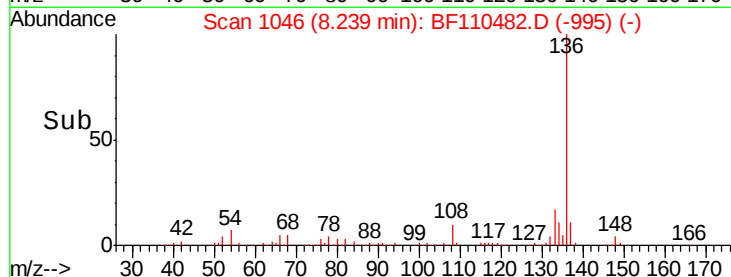


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 9.708 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.03 min

Lab File: BF110482.D

Acq: 5 Nov 2018 23:58

Tgt Ion:105 Resp: 78842

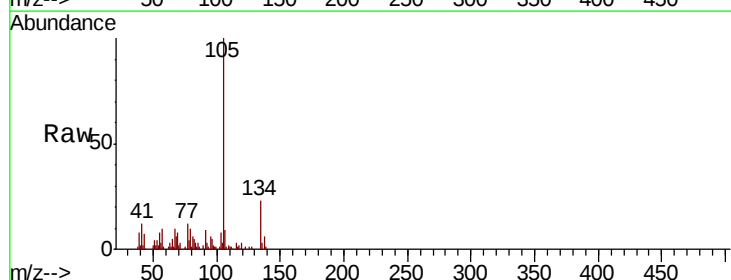
Ion Ratio Lower Upper

105 100

71 3.5 5.2 7.8#

51 4.5 21.8 32.8#

120 0.0 17.0 25.4#

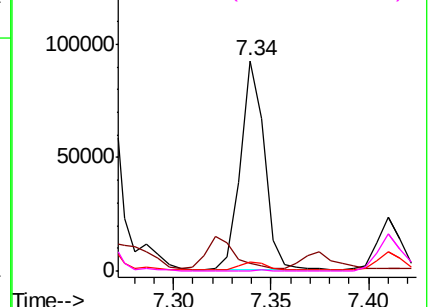
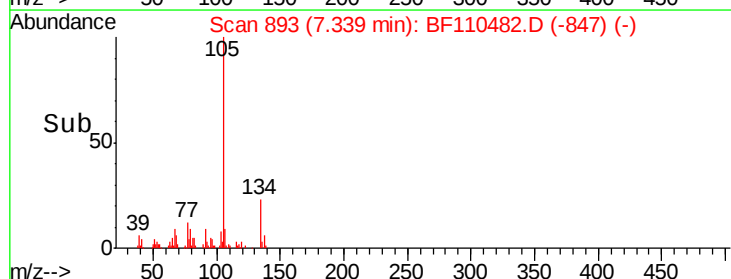


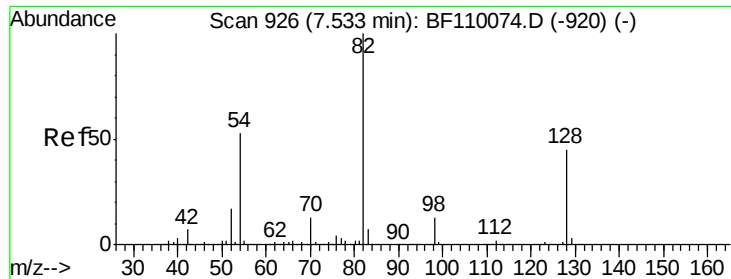
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

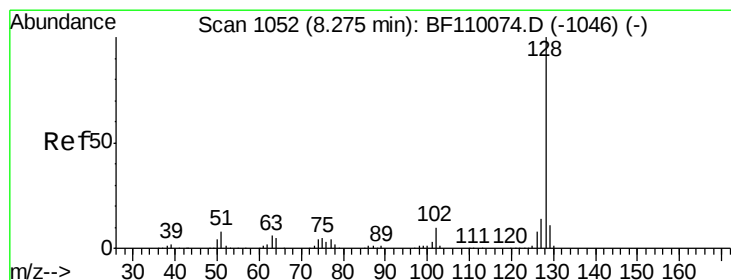
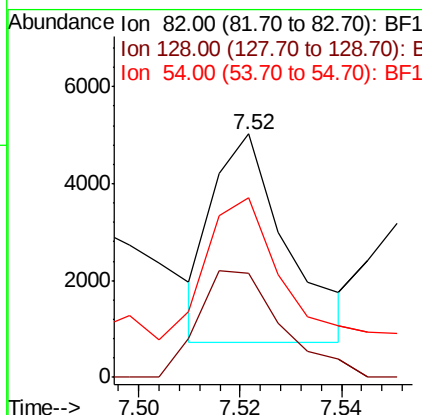
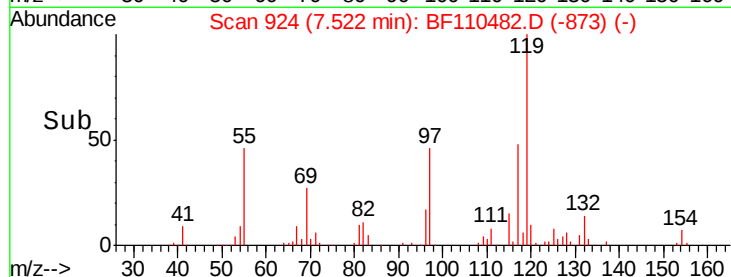
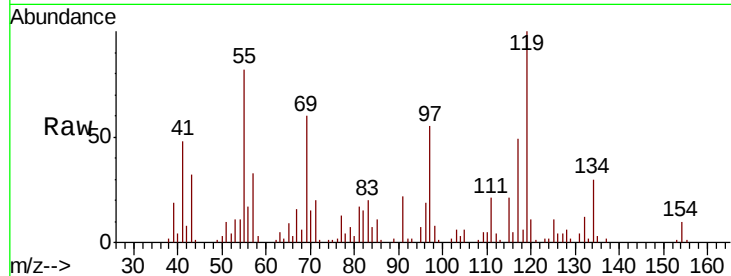




#23
Nitrobenzene-d5
Concen: 0.735 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF110482.D
Acq: 5 Nov 2018 23:58

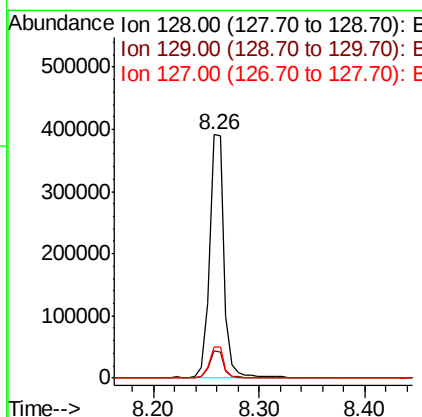
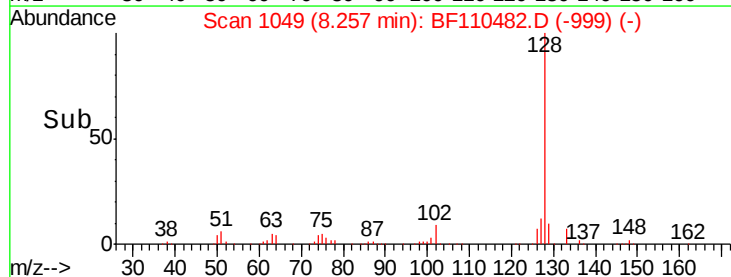
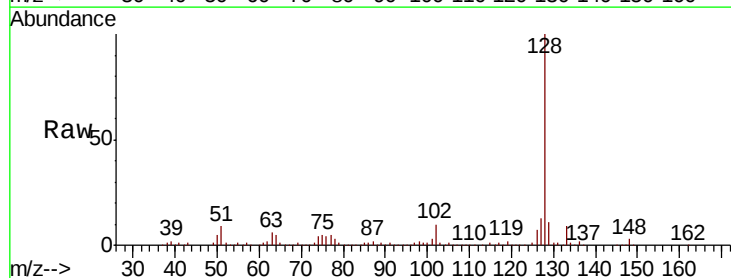
Instrument :
BNA_F
ClientSampleId :
MW-202DL2

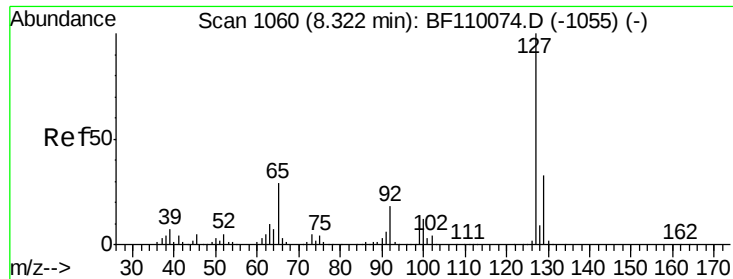
Tgt Ion: 82 Resp: 4370
Ion Ratio Lower Upper
82 100
128 42.8 34.2 51.2
54 73.7 38.6 58.0#



#31
Naphthalene
Concen: 23.277 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF110482.D
Acq: 5 Nov 2018 23:58

Tgt Ion: 128 Resp: 378117
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 12.7 10.8 16.2

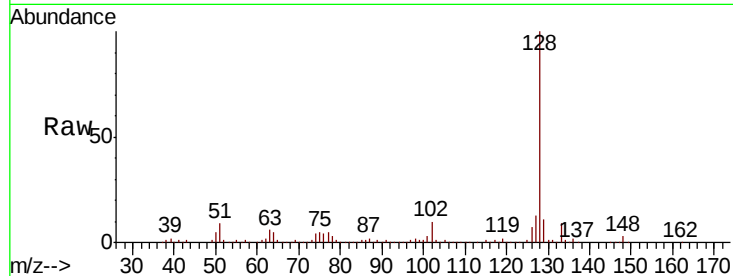




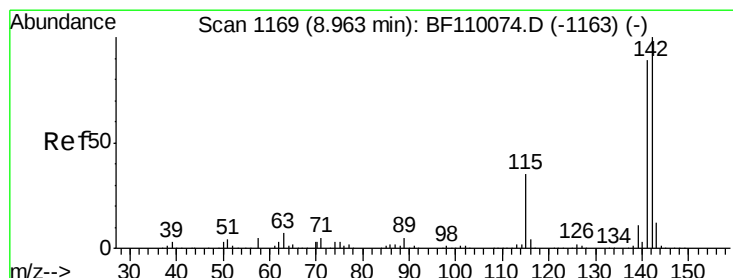
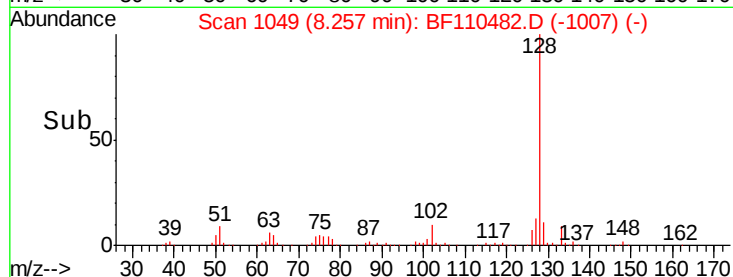
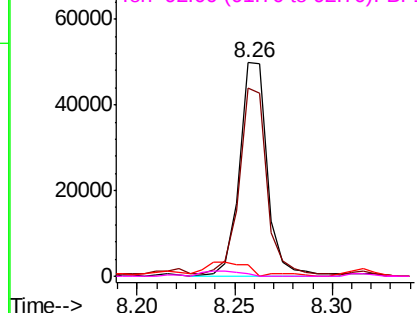
#33
4-Chloroaniline
Concen: 6.809 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.05 min
Lab File: BF110482.D
Acq: 5 Nov 2018 23:58

Instrument :
BNA_F
ClientSampleId :
MW-202DL2

Tgt Ion:	127	Resp:	49782
Ion	Ratio	Lower	Upper
127	100		
129	88.0	26.0	39.0#
65	5.2	25.1	37.7#
92	1.2	15.0	22.6#

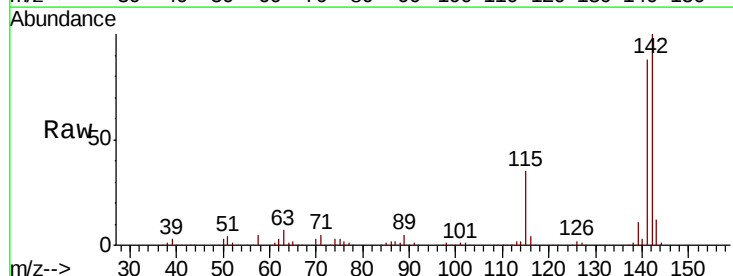


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

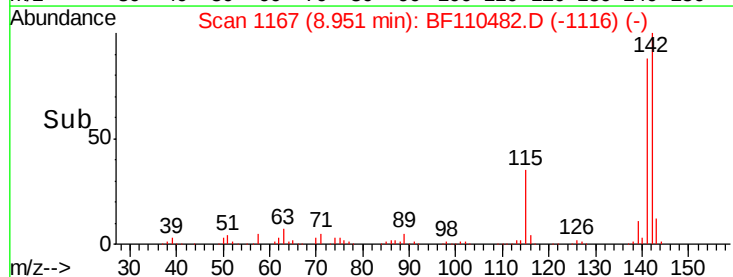
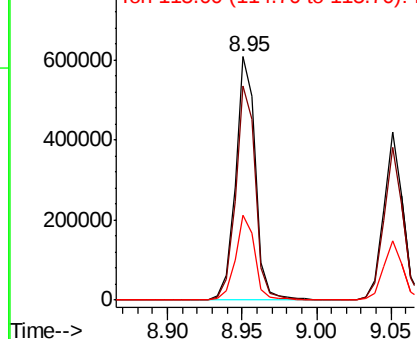


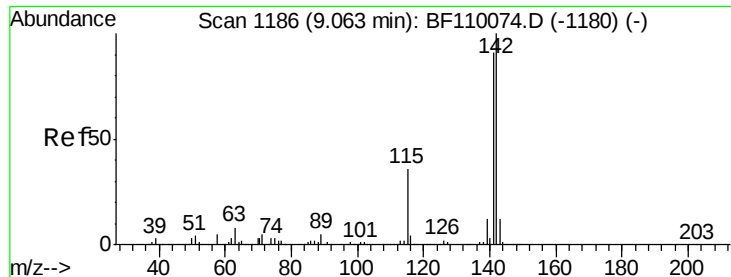
#37
2-Methylnaphthalene
Concen: 53.124 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF110482.D
Acq: 5 Nov 2018 23:58

Tgt Ion:	142	Resp:	570966
Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.4	107.2
115	34.9	28.7	43.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

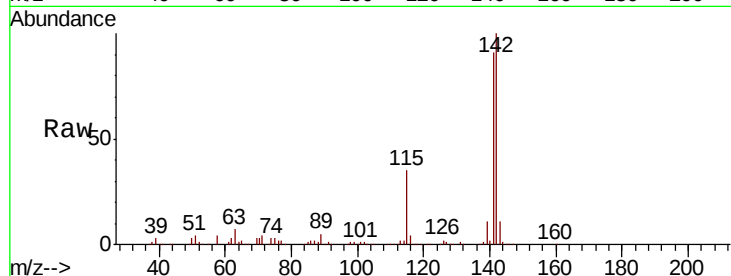




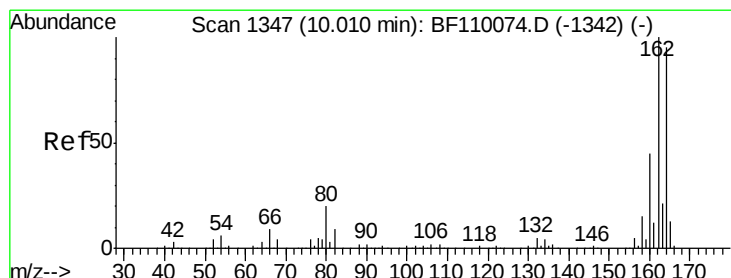
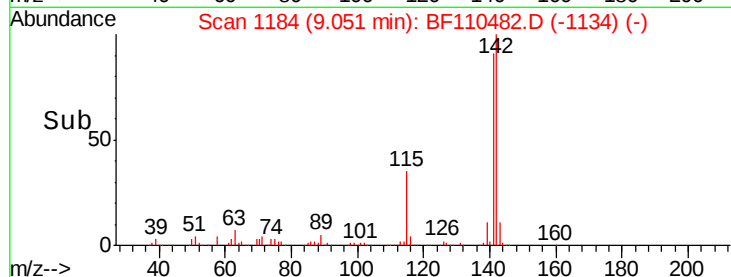
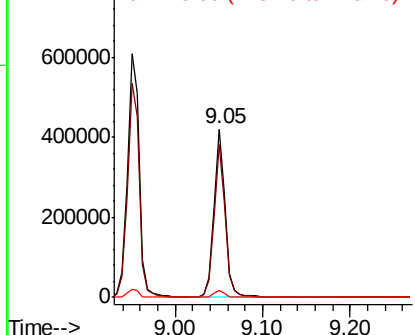
#38
 1-Methylnaphthalene
 Concen: 36.483 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF110482.D
 Acq: 5 Nov 2018 23:58

Instrument :
 BNA_F
 ClientSampleId :
 MW-202DL2

Tgt Ion:142 Resp: 378925
 Ion Ratio Lower Upper
 142 100
 141 91.1 74.2 111.4
 116 3.8 2.6 4.0

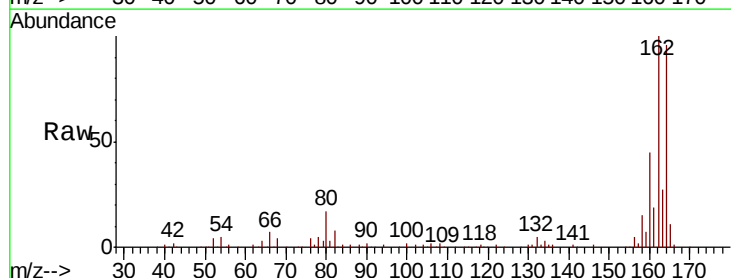


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

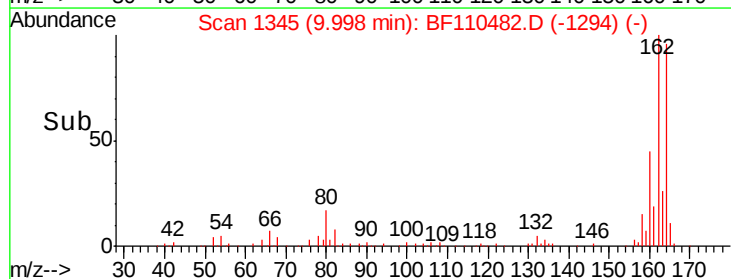
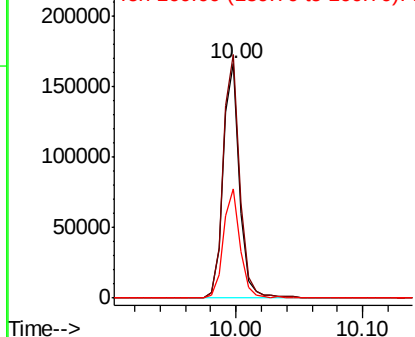


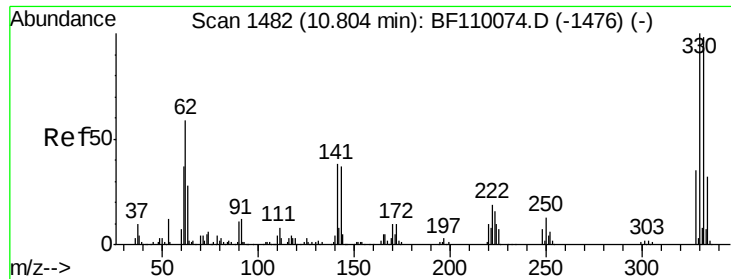
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: BF110482.D
 Acq: 5 Nov 2018 23:58

Tgt Ion:164 Resp: 149646
 Ion Ratio Lower Upper
 164 100
 162 103.8 83.0 124.6
 160 46.4 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

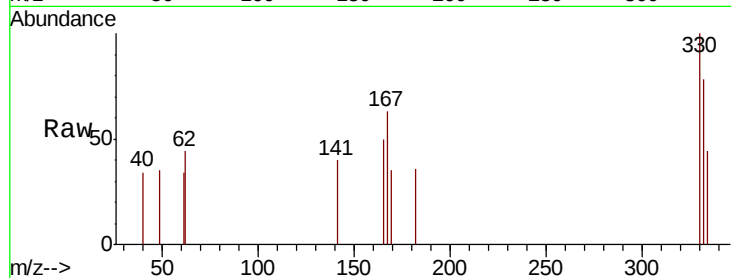




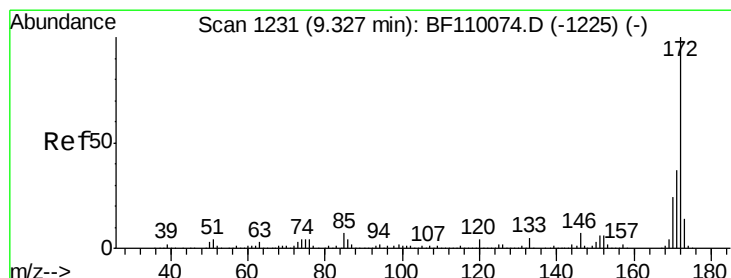
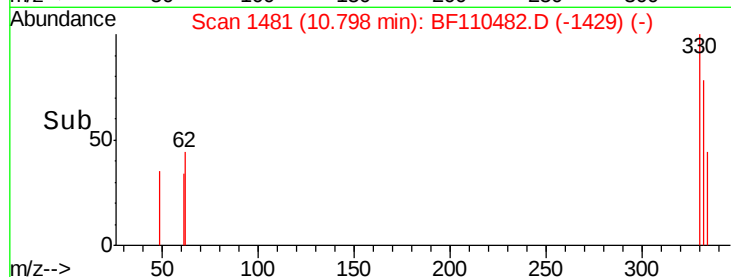
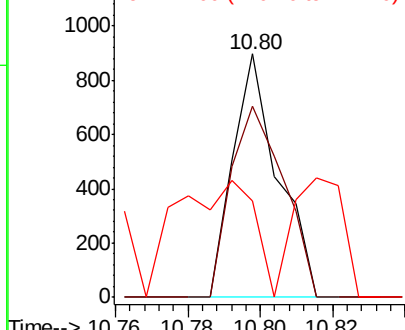
#42
 2,4,6-Tribromophenol
 Concen: 0.522 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.01 min
 Lab File: BF110482.D
 Acq: 5 Nov 2018 23:58

Instrument :
 BNA_F
 ClientSampleID :
 MW-202DL2

Tgt Ion:330 Resp: 774
 Ion Ratio Lower Upper
 330 100
 332 92.2 77.1 115.7
 141 82.8 27.0 40.4#

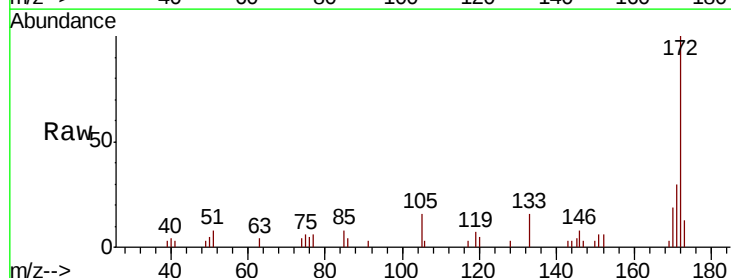


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

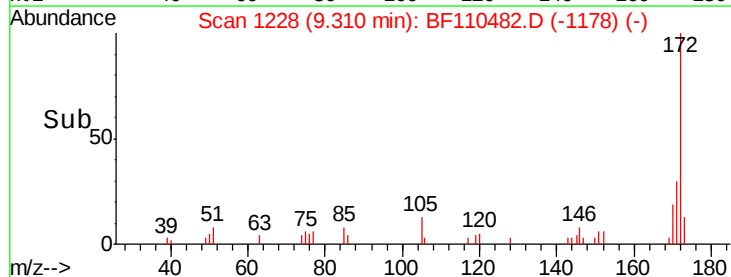
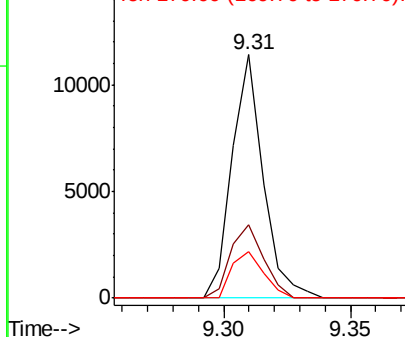


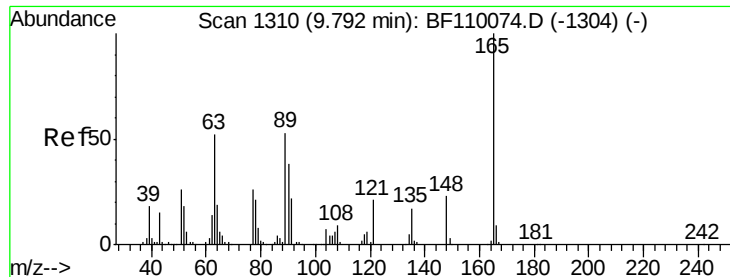
#45
 2-Fluorobiphenyl
 Concen: 1.023 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110482.D
 Acq: 5 Nov 2018 23:58

Tgt Ion:172 Resp: 9746
 Ion Ratio Lower Upper
 172 100
 171 30.3 28.6 43.0
 170 19.3 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





#51

2,6-Dinitrotoluene

Concen: 9.322 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.22 min

Lab File: BF110482.D

Acq: 5 Nov 2018 23:58

Instrument :

BNA_F

ClientSampleId :

MW-202DL2

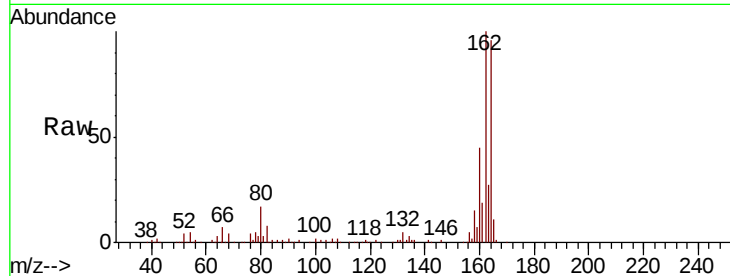
Tgt Ion:165 Resp: 22182

Ion Ratio Lower Upper

165 100

63 1.7 48.9 73.3#

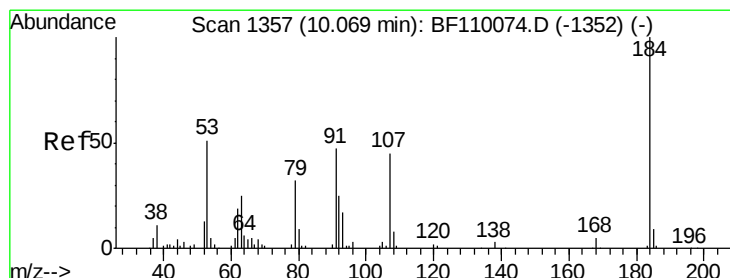
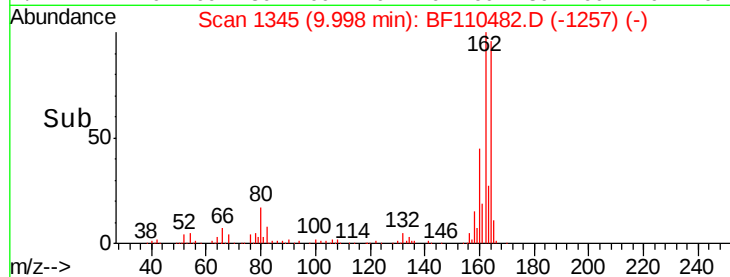
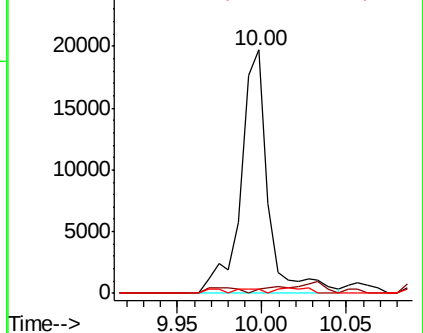
89 2.0 46.6 69.8#



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



#54

2,4-Dinitrophenol

Concen: 5.390 ng

RT: 10.27 min Scan# 1392

Delta R.T. 0.21 min

Lab File: BF110482.D

Acq: 5 Nov 2018 23:58

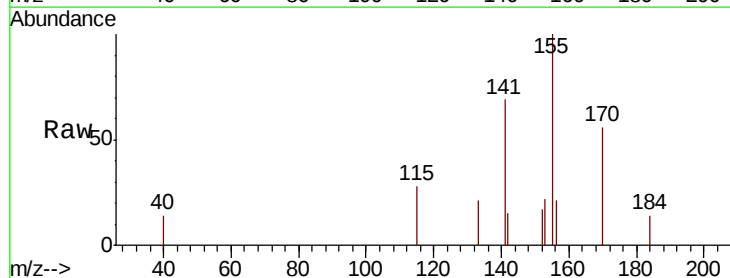
Tgt Ion:184 Resp: 217

Ion Ratio Lower Upper

184 100

63 0.0 55.8 83.6#

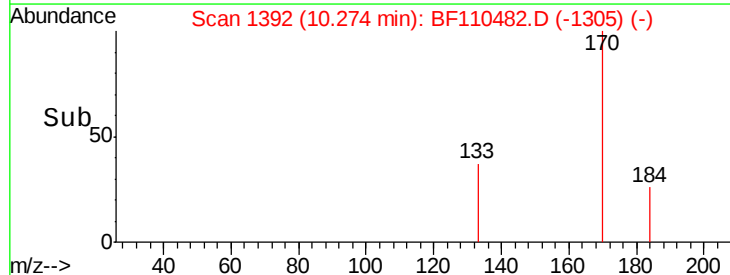
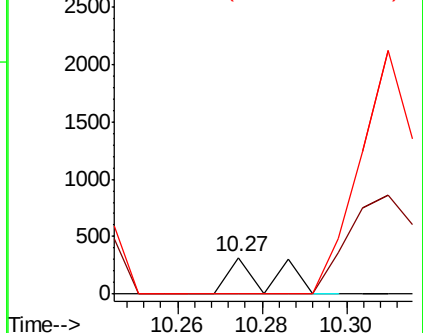
154 0.0 63.2 94.8#

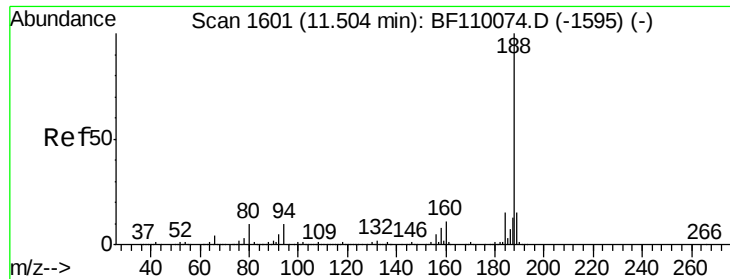


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

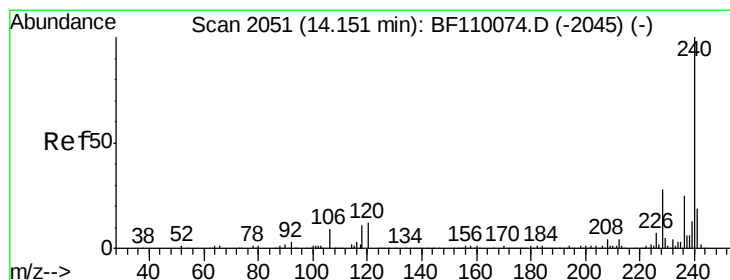
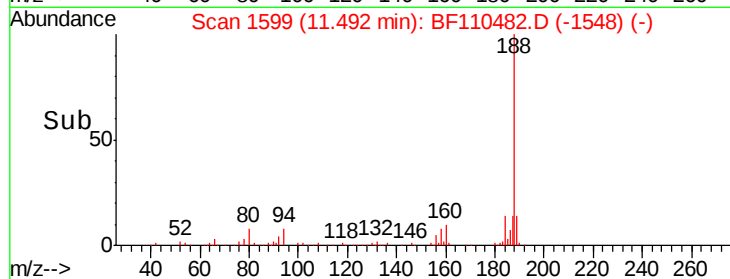
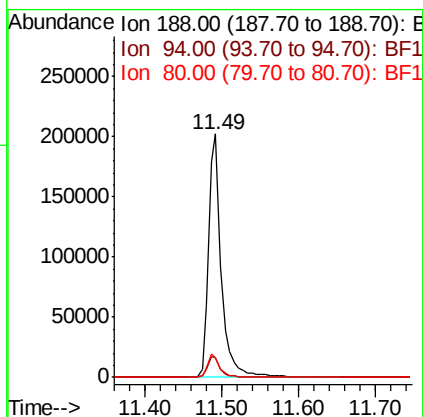
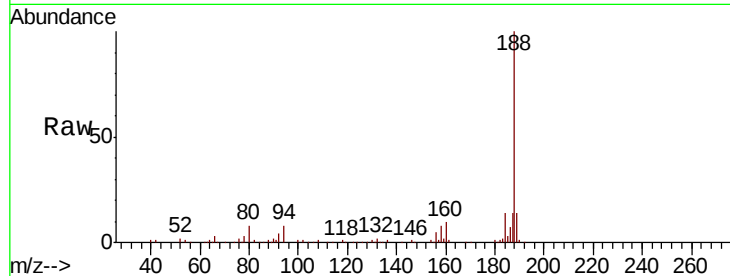




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF110482.D
Acq: 5 Nov 2018 23:58

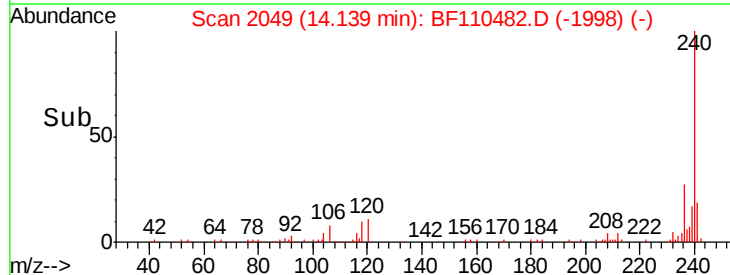
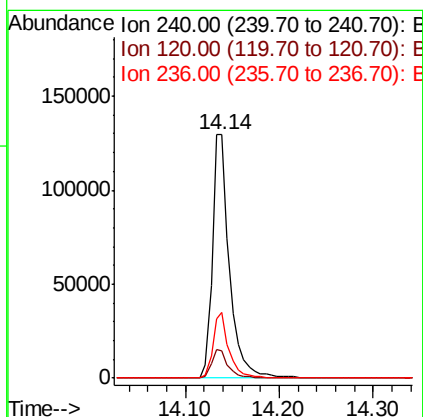
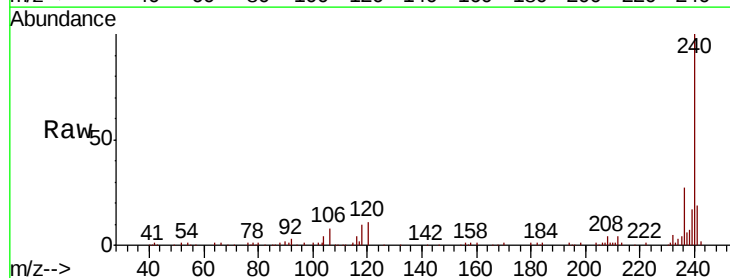
Instrument :
BNA_F
ClientSampleID :
MW-202DL2

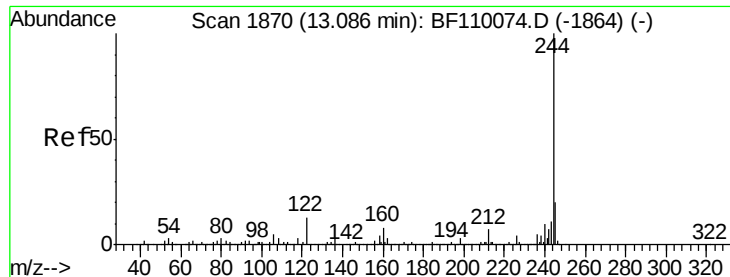
Tgt Ion:188 Resp: 229083
Ion Ratio Lower Upper
188 100
94 8.0 7.2 10.8
80 8.1 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BF110482.D
Acq: 5 Nov 2018 23:58

Tgt Ion:240 Resp: 166897
Ion Ratio Lower Upper
240 100
120 11.2 8.3 12.5
236 26.9 21.2 31.8





#79

Terphenyl-d14

Concen: 0.673 ng

RT: 13.07 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BF110482.D

Acq: 5 Nov 2018 23:58

Instrument :

BNA_F

ClientSampleId :

MW-202DL2

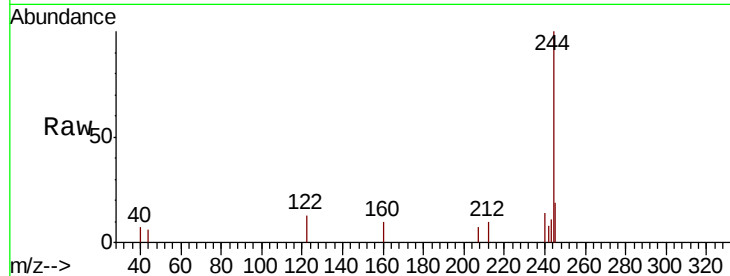
Tgt Ion:244 Resp: 5400

Ion Ratio Lower Upper

244 100

212 10.0 5.8 8.8#

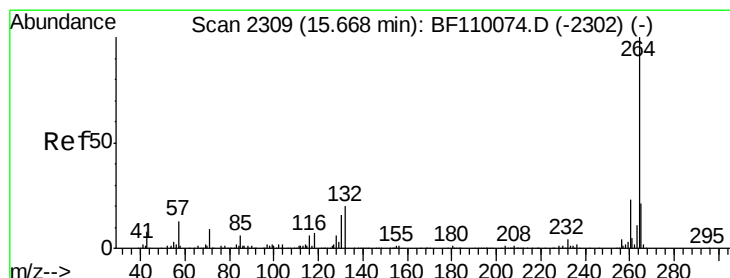
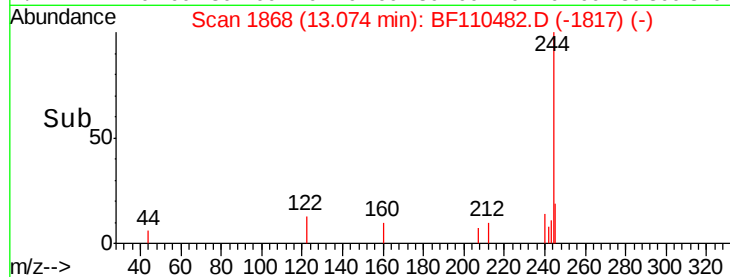
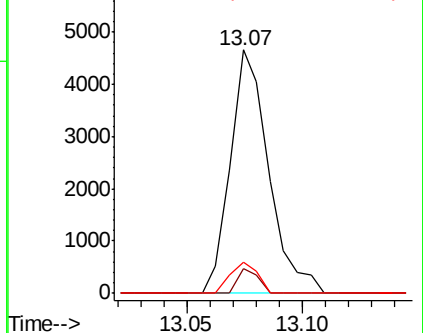
122 12.9 8.7 13.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110482.D

Acq: 5 Nov 2018 23:58

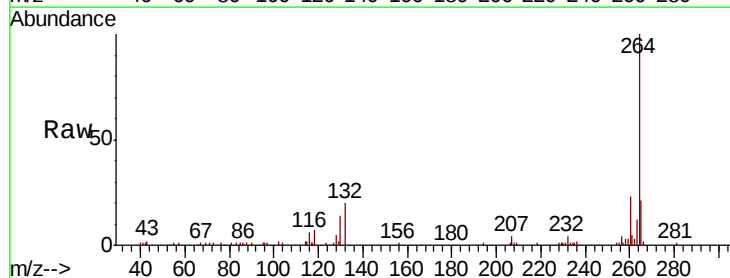
Tgt Ion:264 Resp: 128253

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 21.1 16.7 25.1



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

