

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\
 Data File : BF109009.D
 Acq On : 14 Sep 2018 21:46
 Operator : JU/SJ
 Sample : J4892-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-MW-05-091218

Quant Time: Sep 15 00:10:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

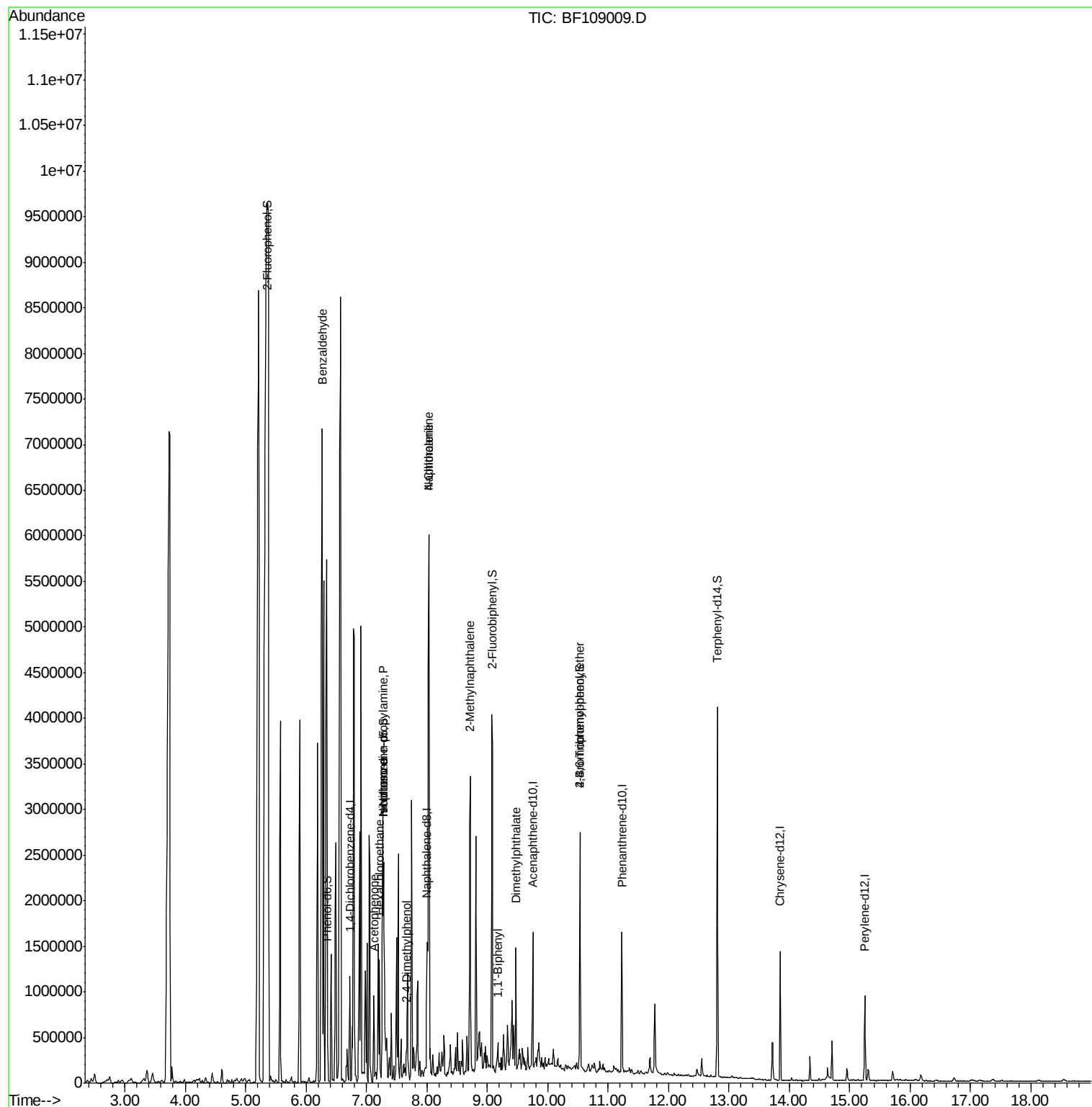
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	158704	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	602845	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	299081	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	582475	20.00	ng	0.00
75) Chrysene-d12	13.85	240	456784	20.00	ng	-0.01
86) Perylene-d12	15.25	264	416891	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	118846	12.44	ng	0.03
7) Phenol-d6	6.35	99	292935	23.77	ng	0.00
23) Nitrobenzene-d5	7.28	82	741672	69.00	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	329451	101.50	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1310011	68.62	ng	0.00
78) Terphenyl-d14	12.81	244	1403079	72.81	ng	0.00
Target Compounds						
9) Benzaldehyde	6.27	77	464214	58.991	ng	# 1
18) Hexachloroethane	7.22	117	33787	7.583	ng	# 1
19) n-Nitroso-di-n-propylamine	7.28	70	100961	12.397	ng	# 78
22) Acetophenone	7.12	105	301636	22.033	ng	# 60
25) Isophorone	7.28	82	725881	39.288	ng	# 64
27) 2,4-Dimethylphenol	7.66	122	21332	2.628	ng	99
31) Naphthalene	8.03	128	3103340	110.911	ng	96
33) 4-Chloroaniline	8.03	127	455234	36.592	ng	# 31
37) 2-Methylnaphthalene	8.72	142	870720	47.739	ng	99
45) 1,1'-Biphenyl	9.18	154	78060	3.262	ng	95
49) Dimethylphthalate	9.47	163	493049	23.065	ng	99
66) 4-Bromophenyl-phenylether	10.54	248	20351	3.099	ng	# 1

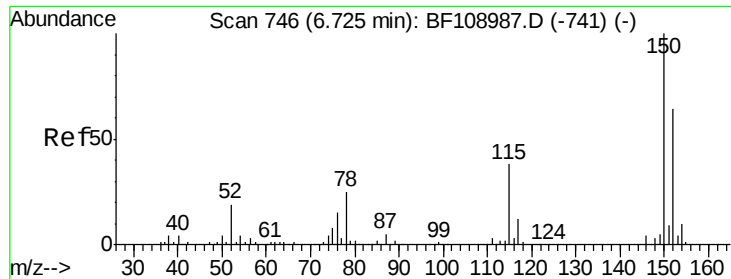
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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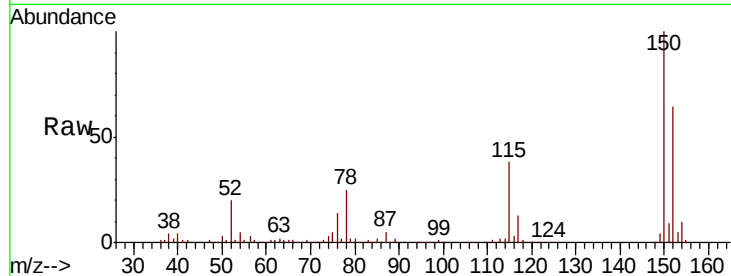




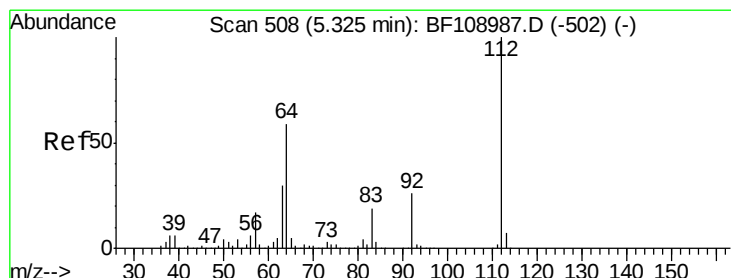
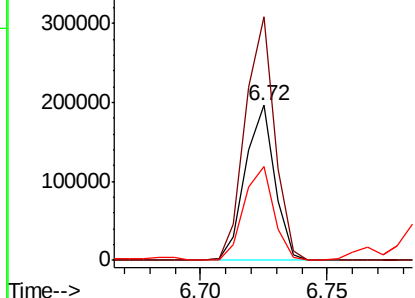
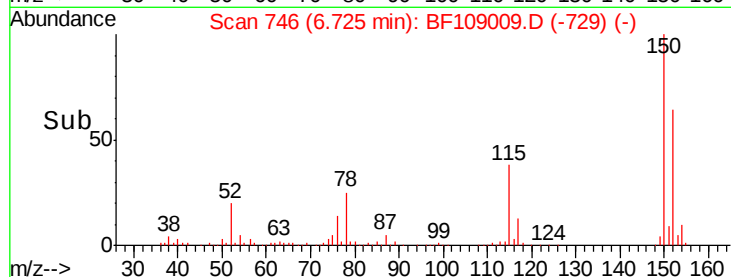
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: BF109009.D
 Acq: 14 Sep 2018 21:46

Instrument :
 BNA_F
 ClientSampleId :
 C-MW-05-091218

Tgt Ion:152 Resp: 158704
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.6 186.8
 115 60.4 50.1 75.1

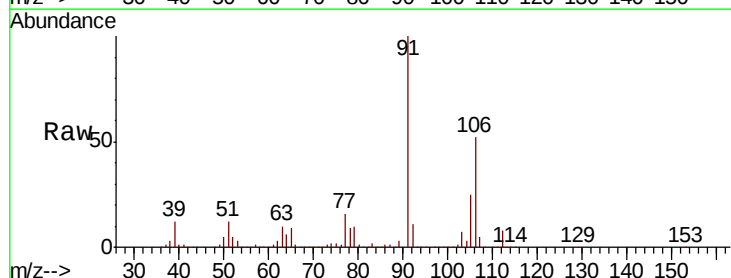


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

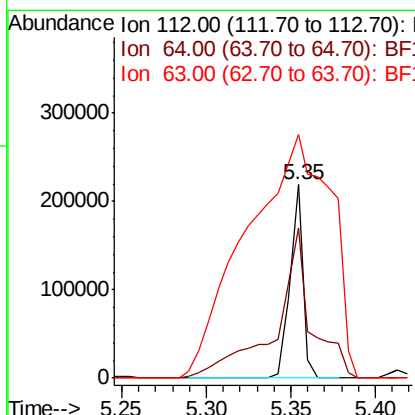
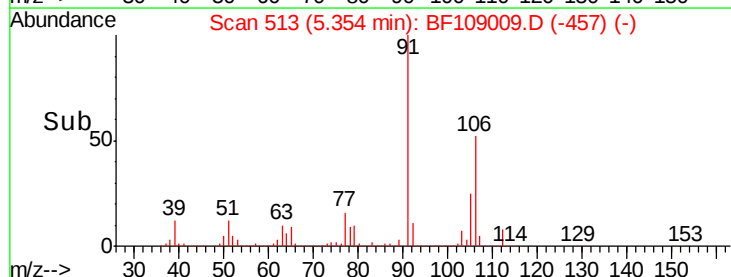


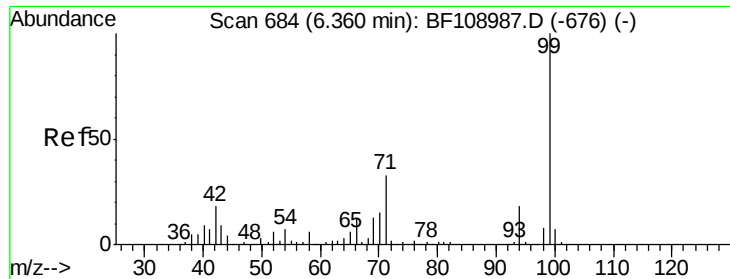
#5
 2-Fluorophenol
 Concen: 12.438 ng
 RT: 5.35 min Scan# 513
 Delta R.T. 0.03 min
 Lab File: BF109009.D
 Acq: 14 Sep 2018 21:46

Tgt Ion:112 Resp: 118846
 Ion Ratio Lower Upper
 112 100
 64 77.8 47.9 71.9#
 63 126.1 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: 23.775 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109009.D

Acq: 14 Sep 2018 21:46

Instrument :

BNA_F

ClientSampleId :

C-MW-05-091218

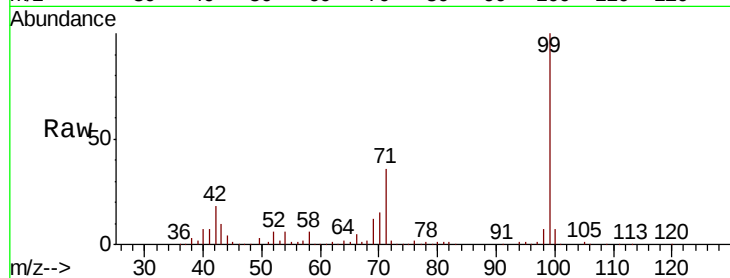
Tgt Ion: 99 Resp: 292935

Ion Ratio Lower Upper

99 100

42 17.9 14.5 21.7

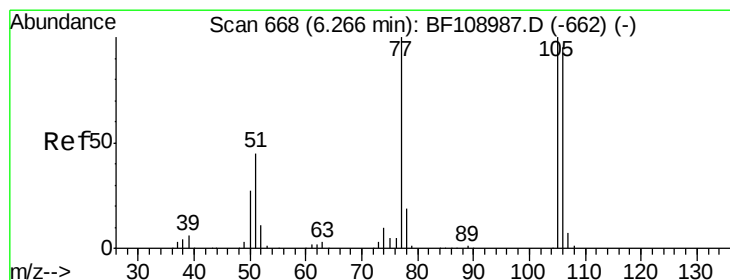
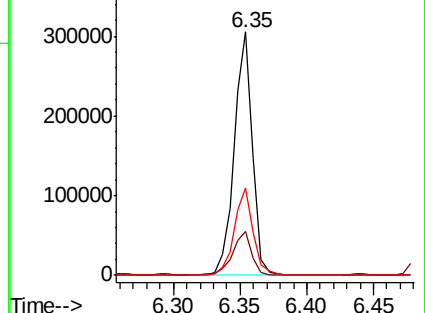
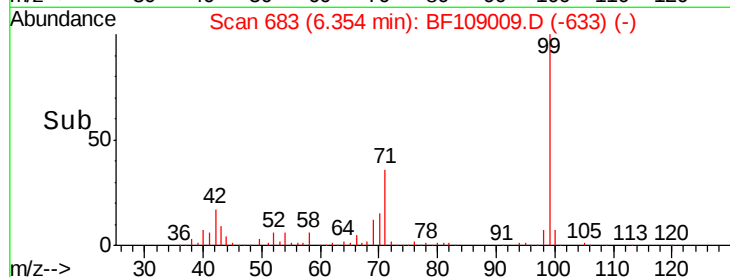
71 35.9 25.4 38.0



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



#9

Benzaldehyde

Concen: 58.991 ng

RT: 6.27 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF109009.D

Acq: 14 Sep 2018 21:46

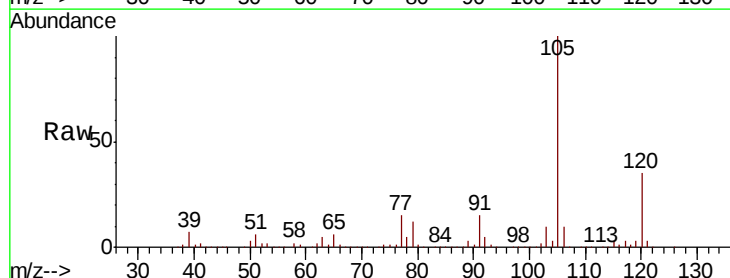
Tgt Ion: 77 Resp: 464214

Ion Ratio Lower Upper

77 100

105 684.1 81.1 121.1#

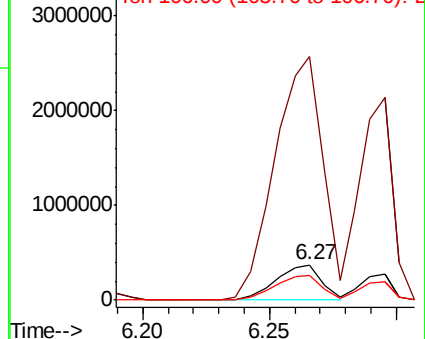
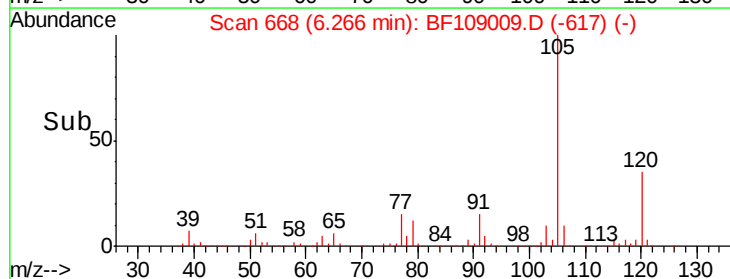
106 68.1 74.5 114.5#

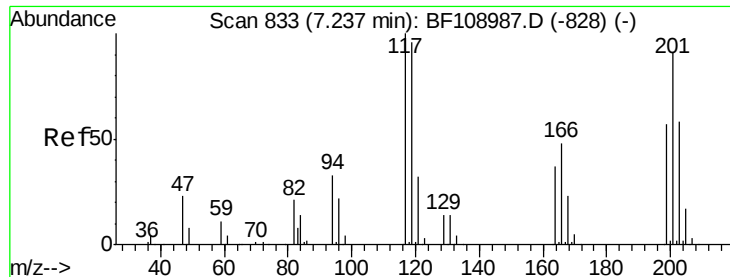


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

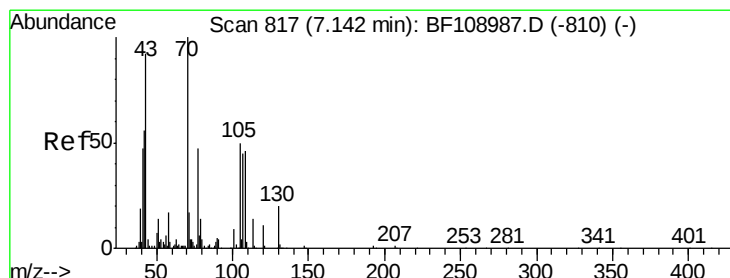
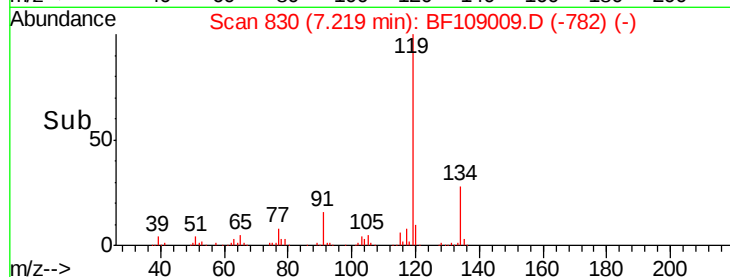
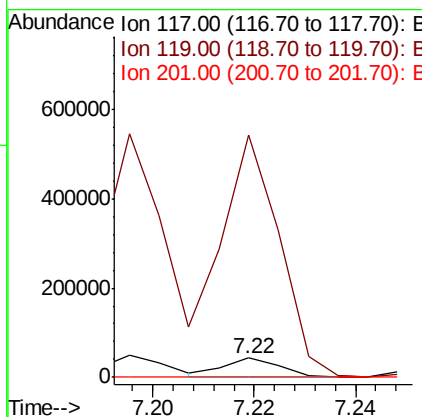
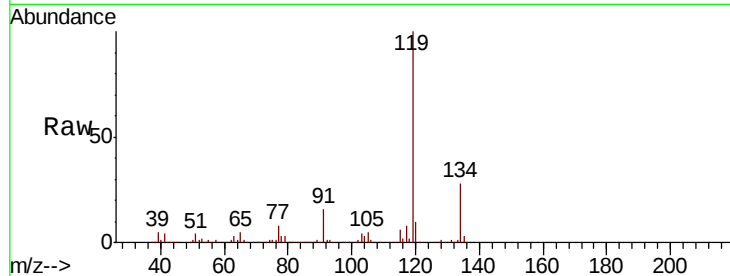




#18
Hexachloroethane
Concen: 7.583 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.02 min
Lab File: BF109009.D
Acq: 14 Sep 2018 21:46

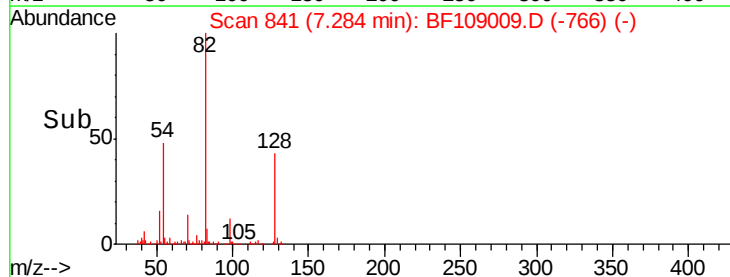
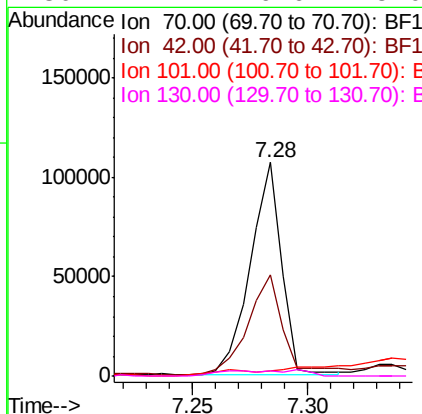
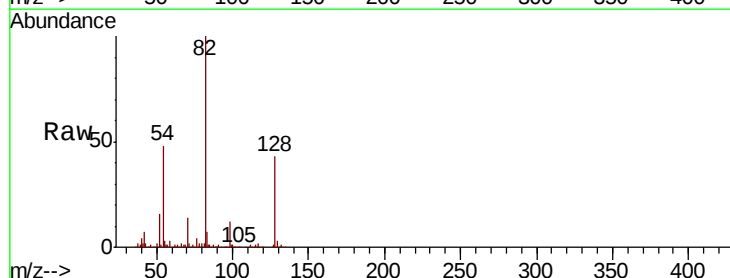
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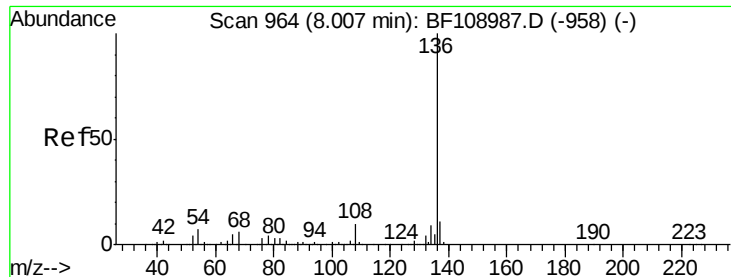
Tgt Ion: 117 Resp: 33787
Ion Ratio Lower Upper
117 100
119 1256.9 75.8 113.8#
201 0.0 75.7 113.5#



#19
n-Nitroso-di-n-propylamine
Concen: 12.397 ng
RT: 7.28 min Scan# 841
Delta R.T. 0.14 min
Lab File: BF109009.D
Acq: 14 Sep 2018 21:46

Tgt Ion: 70 Resp: 100961
Ion Ratio Lower Upper
70 100
42 47.4 47.5 71.3#
101 2.1 7.4 11.2#
130 2.2 16.6 25.0#

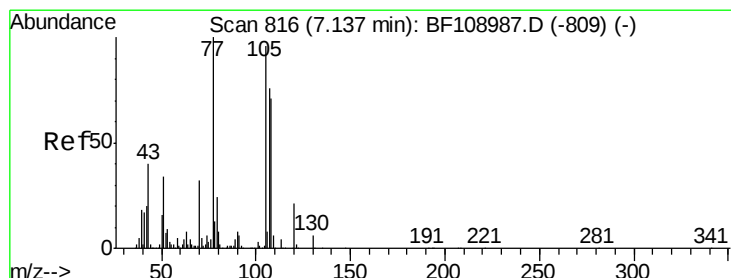
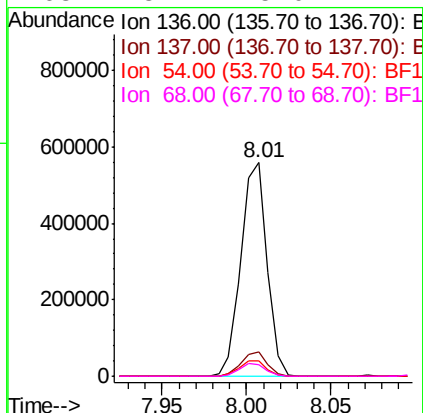
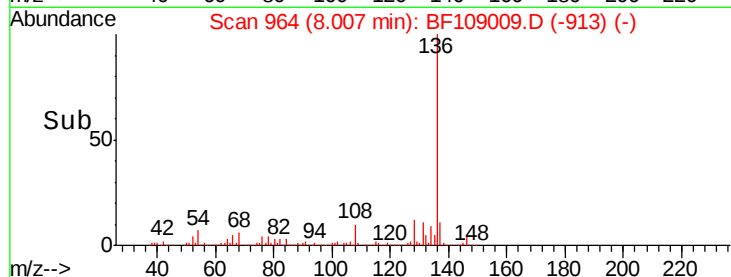
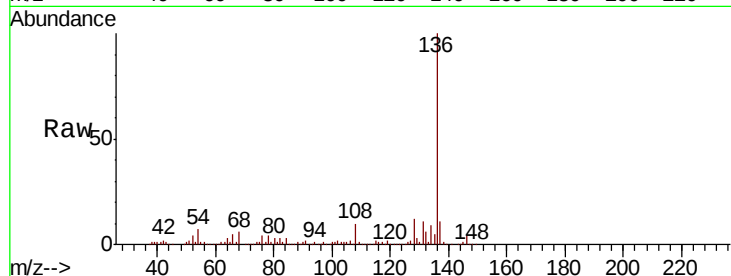




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 964
Delta R.T. -0.00 min
Lab File: BF109009.D
Acq: 14 Sep 2018 21:46

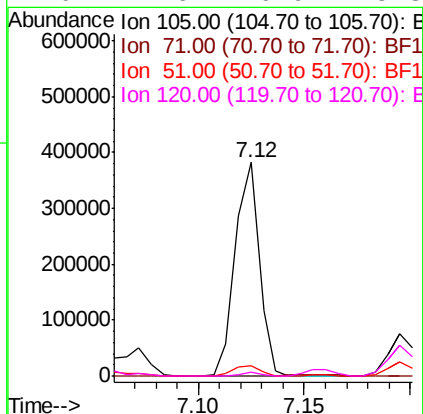
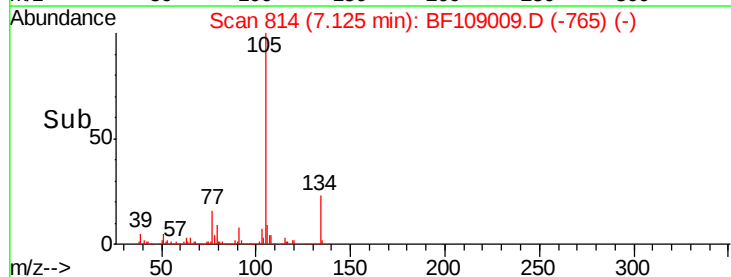
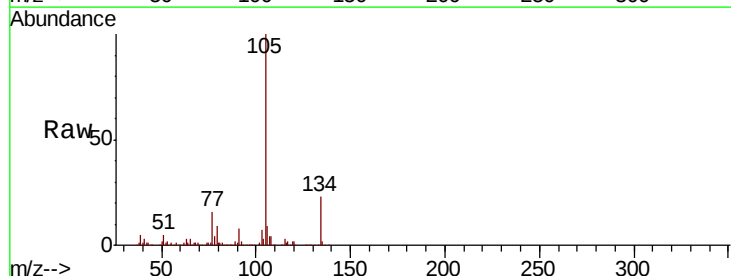
Instrument :
BNA_F
ClientSampleId :
C-MW-05-091218

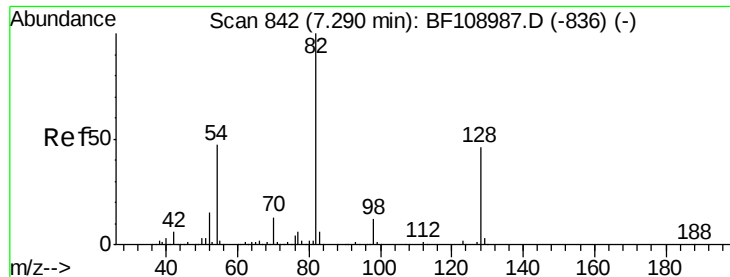
Tgt Ion:	136	Resp:	602845
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.2	6.6	9.8
68	5.7	5.0	7.4



#22
Acetophenone
Concen: 22.033 ng
RT: 7.12 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF109009.D
Acq: 14 Sep 2018 21:46

Tgt Ion:	105	Resp:	301636
Ion	Ratio	Lower	Upper
105	100		
71	0.2	4.4	6.6#
51	5.0	22.3	33.5#
120	1.6	16.9	25.3#

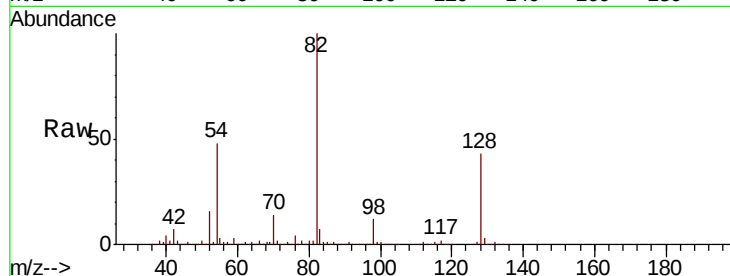




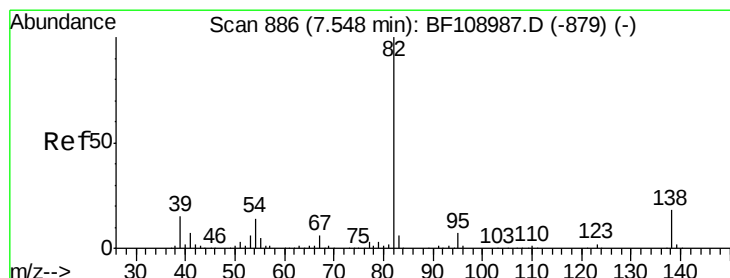
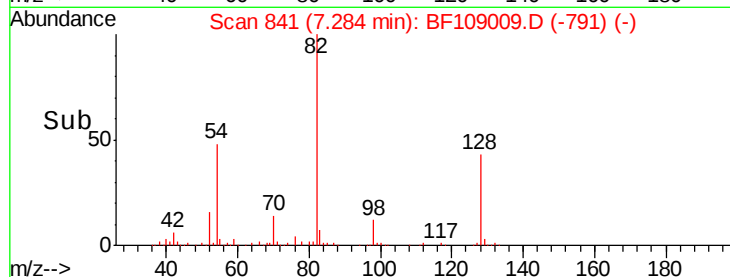
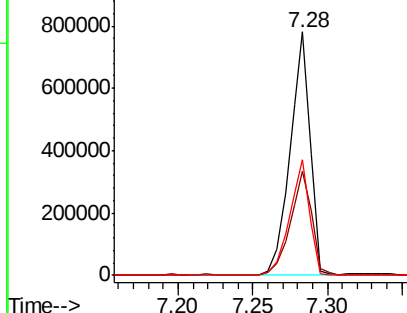
#23
 Nitrobenzene-d5
 Concen: 69.005 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF109009.D
 Acq: 14 Sep 2018 21:46

Instrument :
 BNA_F
 ClientSampleId :
 C-MW-05-091218

Tgt Ion: 82 Resp: 741672
 Ion Ratio Lower Upper
 82 100
 128 42.7 36.1 54.1
 54 47.6 41.4 62.2

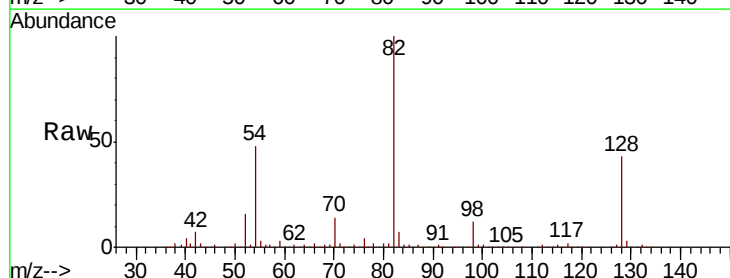


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

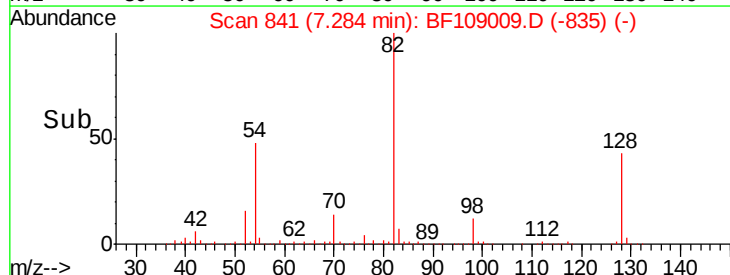
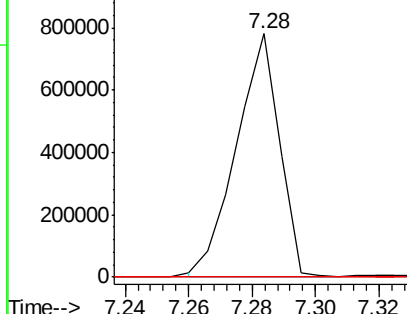


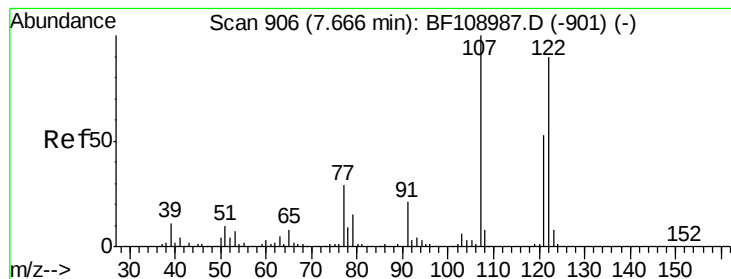
#25
 Isophorone
 Concen: 39.288 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.26 min
 Lab File: BF109009.D
 Acq: 14 Sep 2018 21:46

Tgt Ion: 82 Resp: 725881
 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





#27

2,4-Dimethylphenol

Concen: 2.628 ng

RT: 7.66 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF109009.D

Acq: 14 Sep 2018 21:46

Instrument :

BNA_F

ClientSampleId :

C-MW-05-091218

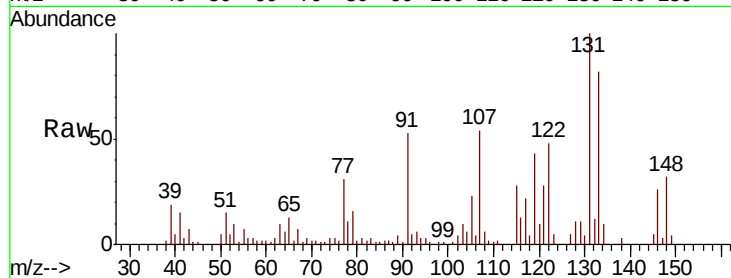
Tgt Ion:122 Resp: 21332

Ion Ratio Lower Upper

122 100

107 113.9 91.2 136.8

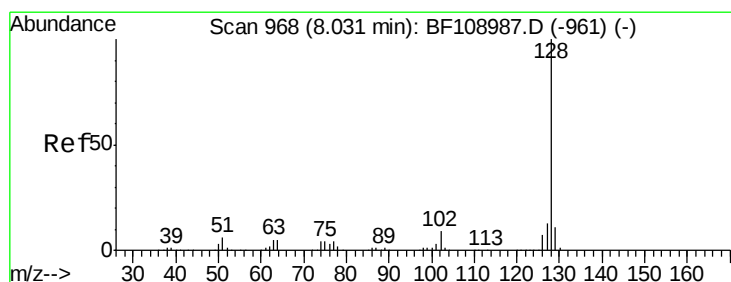
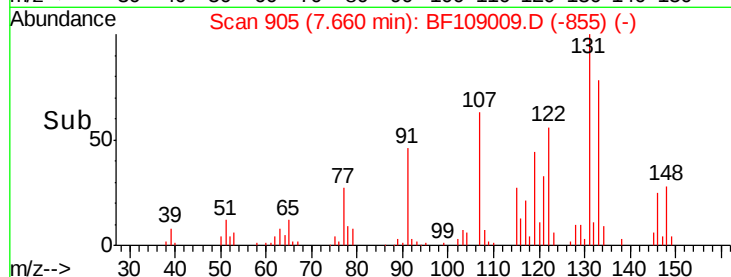
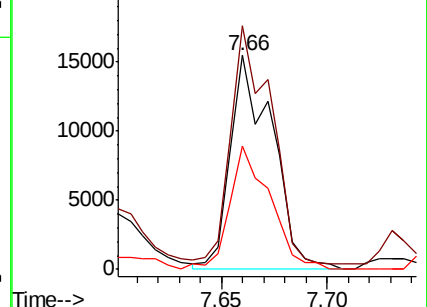
121 57.8 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#31

Naphthalene

Concen: 110.911 ng

RT: 8.03 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF109009.D

Acq: 14 Sep 2018 21:46

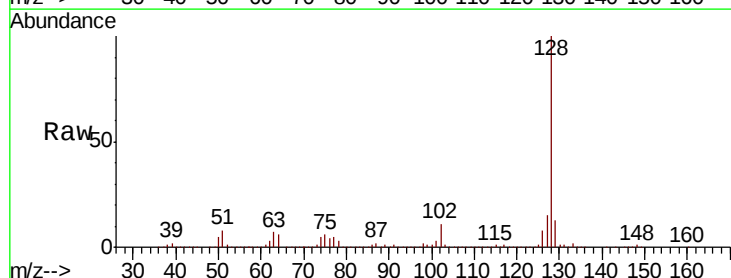
Tgt Ion:128 Resp: 3103340

Ion Ratio Lower Upper

128 100

129 12.9 8.8 13.2

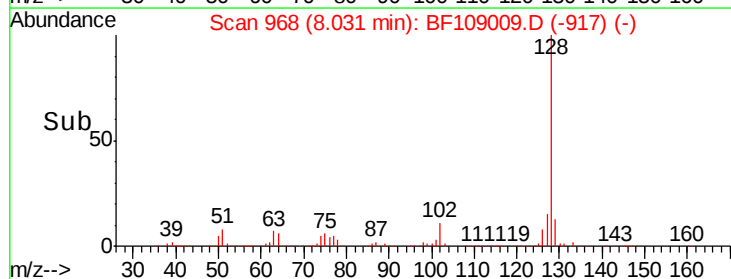
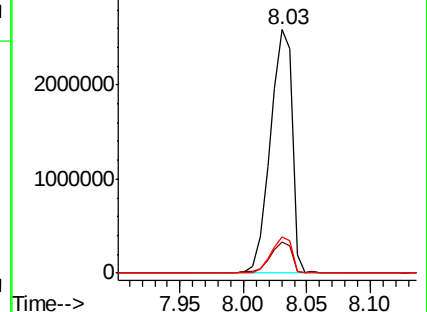
127 14.9 10.9 16.3

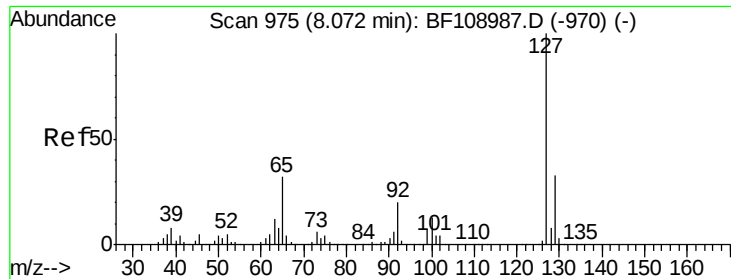


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

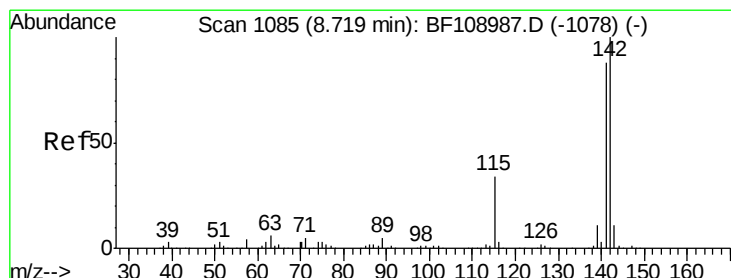
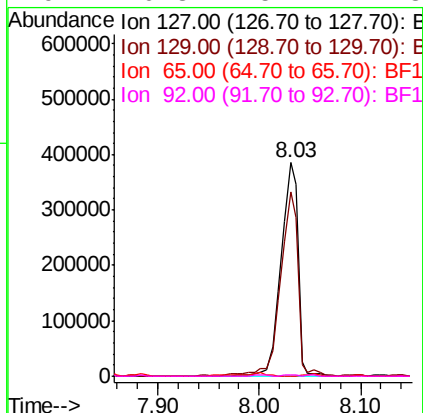
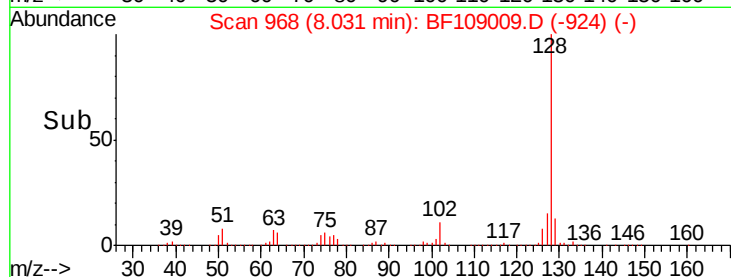
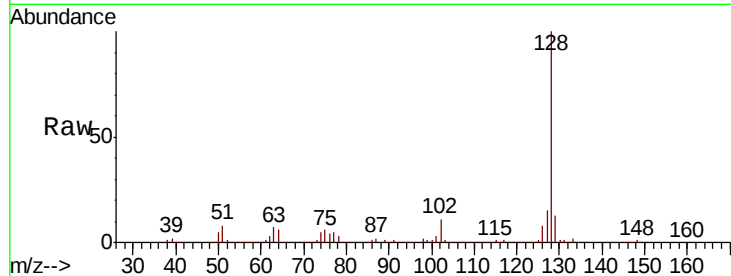




#33
4-Chloroaniline
Concen: 36.592 ng
RT: 8.03 min Scan# 968
Delta R.T. -0.04 min
Lab File: BF109009.D
Acq: 14 Sep 2018 21:46

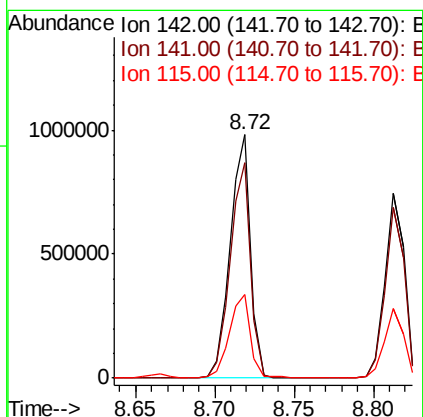
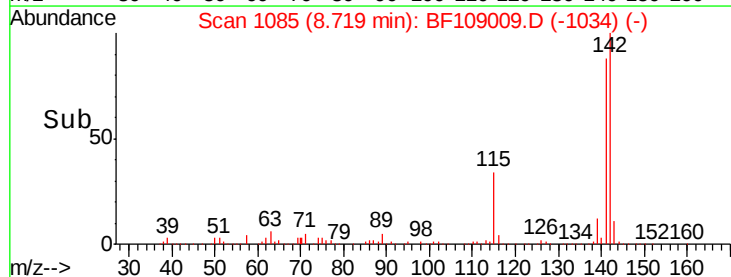
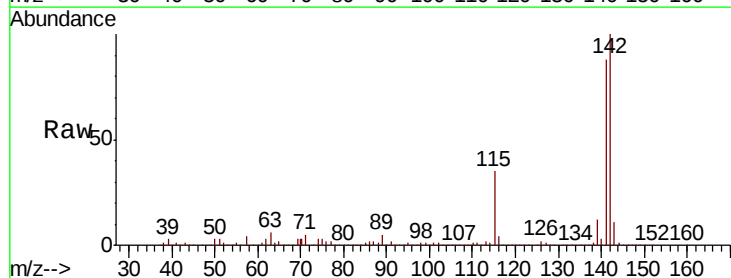
Instrument :
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ClientSampleId :
C-MW-05-091218

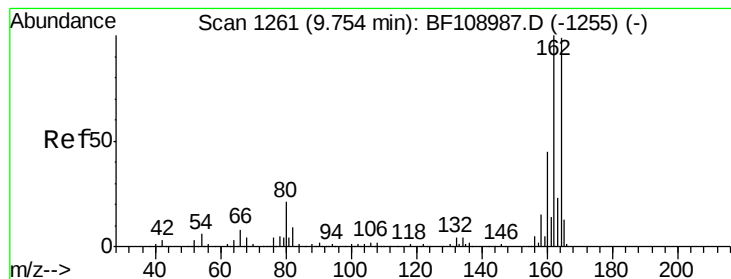
Tgt Ion:	127	Resp:	455234
Ion	Ratio	Lower	Upper
127	100		
129	86.6	25.9	38.9#
65	0.0	25.0	37.4#
92	0.3	15.2	22.8#



#37
2-Methylnaphthalene
Concen: 47.739 ng
RT: 8.72 min Scan# 1085
Delta R.T. -0.00 min
Lab File: BF109009.D
Acq: 14 Sep 2018 21:46

Tgt Ion:	142	Resp:	870720
Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.8	106.2
115	34.5	26.1	39.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF109009.D

Acq: 14 Sep 2018 21:46

Instrument :

BNA_F

ClientSampleId :

C-MW-05-091218

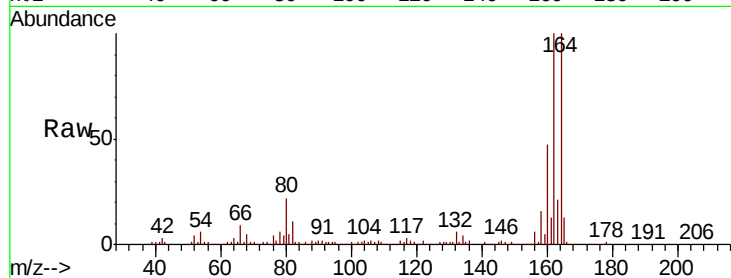
Tgt Ion:164 Resp: 299081

Ion Ratio Lower Upper

164 100

162 100.2 86.1 129.1

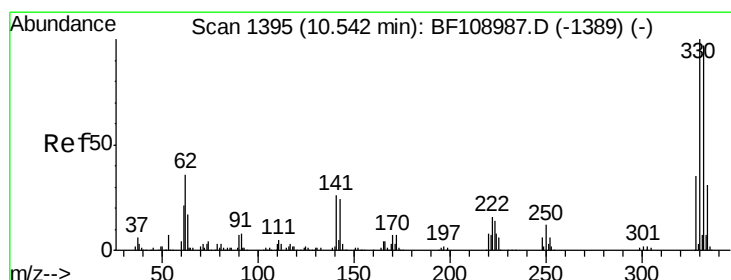
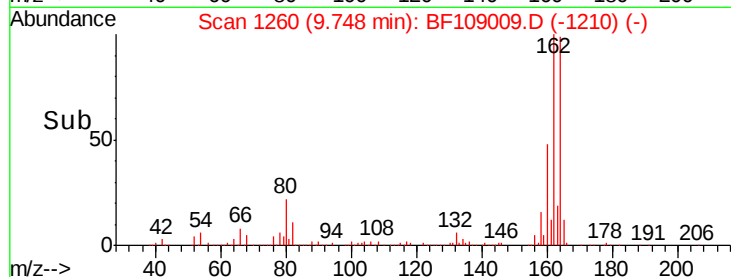
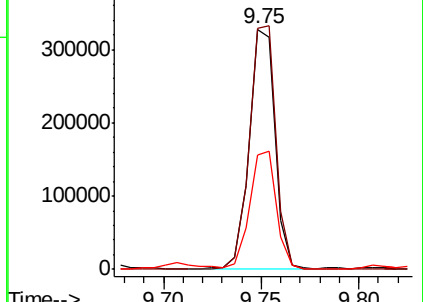
160 47.6 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 101.500 ng

RT: 10.54 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BF109009.D

Acq: 14 Sep 2018 21:46

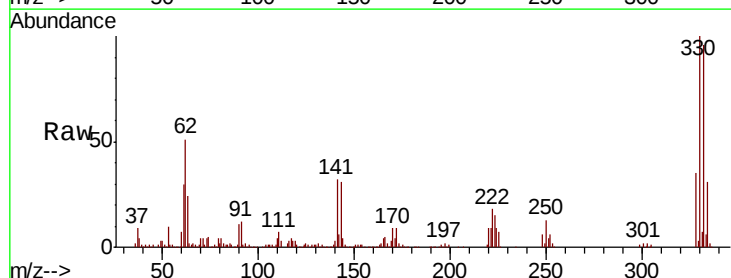
Tgt Ion:330 Resp: 329451

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

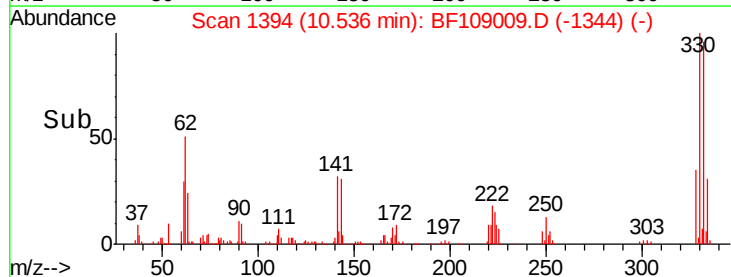
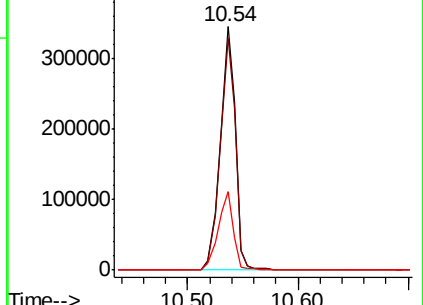
141 31.8 29.9 44.9

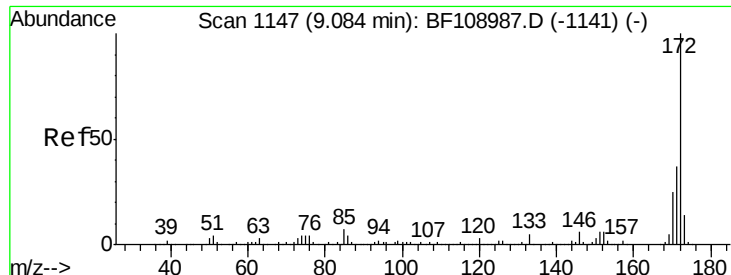


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

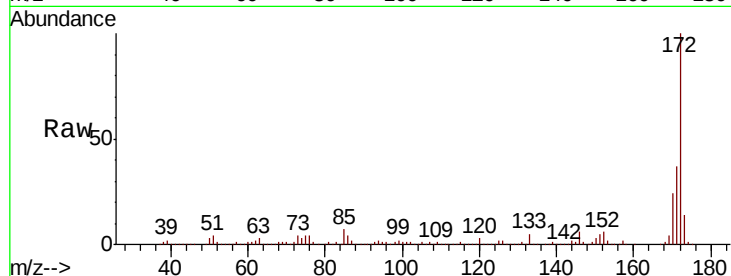




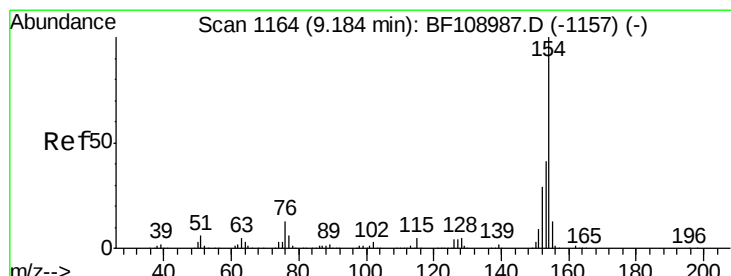
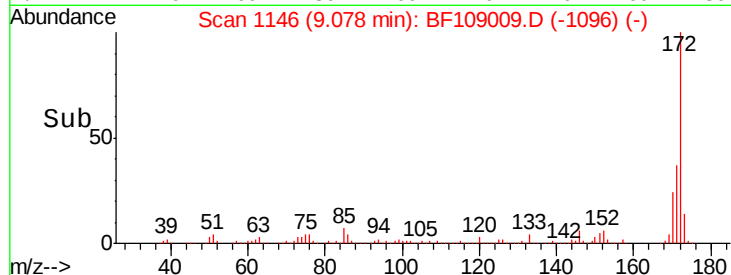
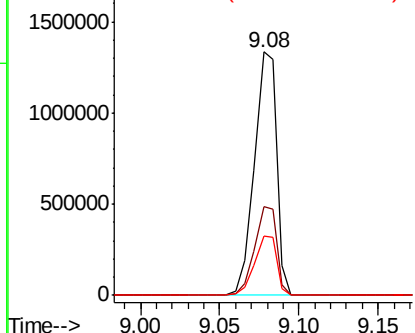
#44
 2-Fluorobiphenyl
 Concen: 68.625 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109009.D
 Acq: 14 Sep 2018 21:46

Instrument :
 BNA_F
 ClientSampleId :
 C-MW-05-091218

Tgt Ion:172 Resp: 1310011
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.3 19.6 29.4

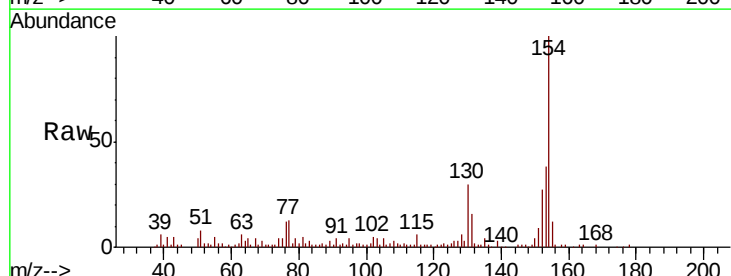


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

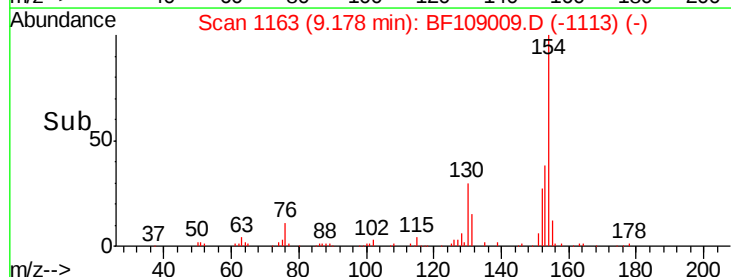
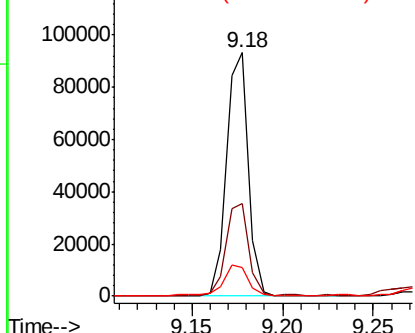


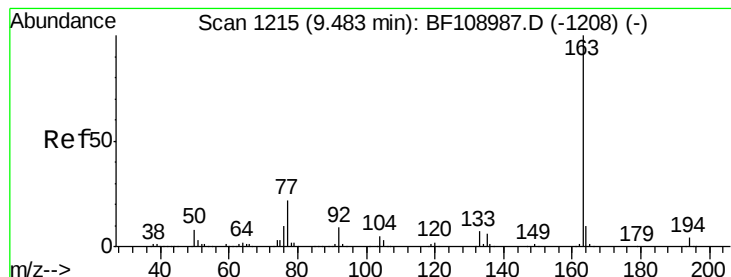
#45
 1,1'-Biphenyl
 Concen: 3.262 ng
 RT: 9.18 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF109009.D
 Acq: 14 Sep 2018 21:46

Tgt Ion:154 Resp: 78060
 Ion Ratio Lower Upper
 154 100
 153 38.1 21.3 61.3
 76 12.0 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1





#49

Dimethylphthalate

Concen: 23.065 ng

RT: 9.47 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF109009.D

Acq: 14 Sep 2018 21:46

Instrument :

BNA_F

ClientSampleId :

C-MW-05-091218

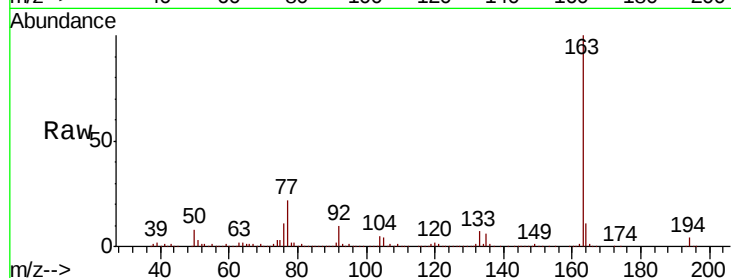
Tgt Ion:163 Resp: 493049

Ion Ratio Lower Upper

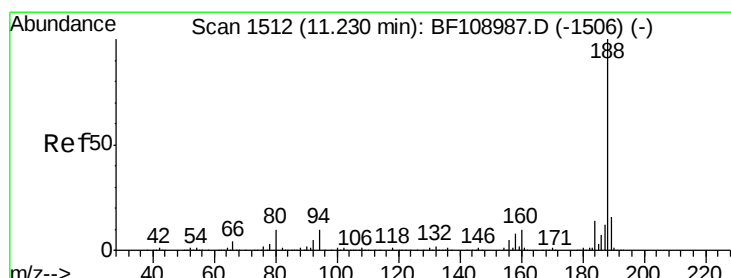
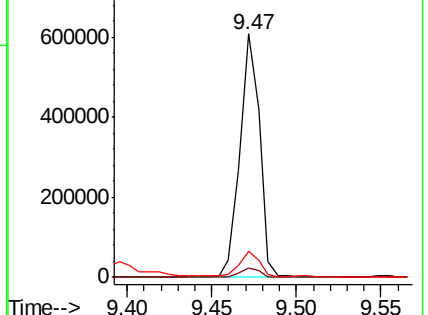
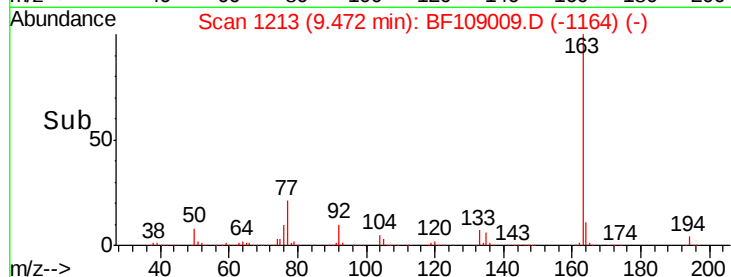
163 100

194 3.8 2.7 4.1

164 10.8 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BF109009.D

Acq: 14 Sep 2018 21:46

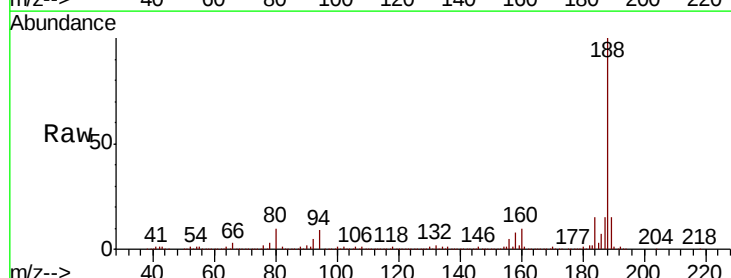
Tgt Ion:188 Resp: 582475

Ion Ratio Lower Upper

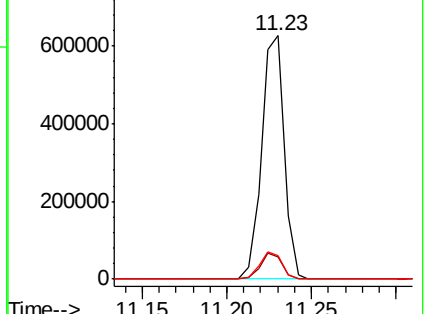
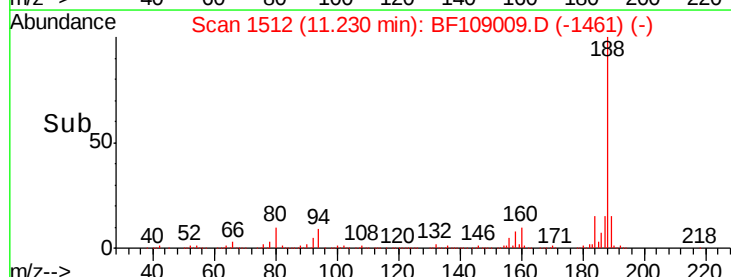
188 100

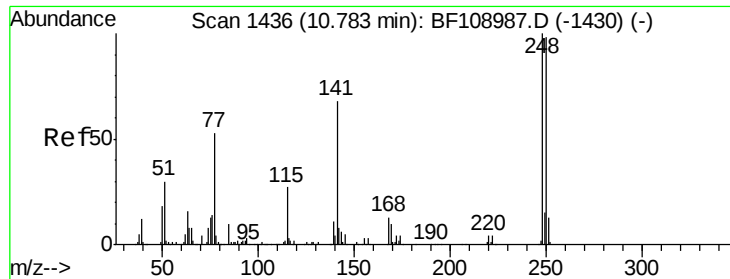
94 9.1 8.5 12.7

80 9.7 9.2 13.8



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

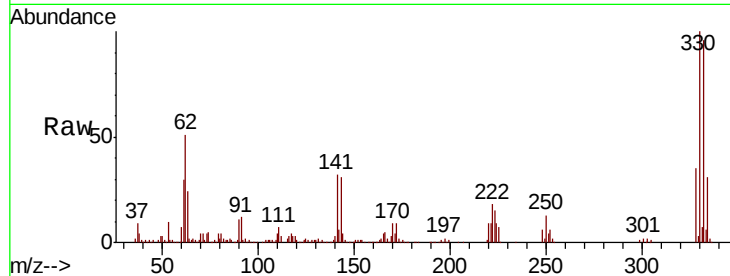




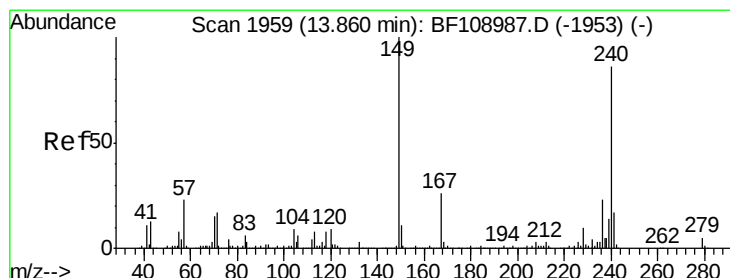
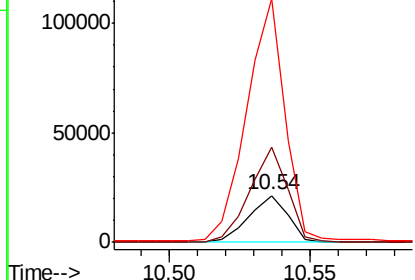
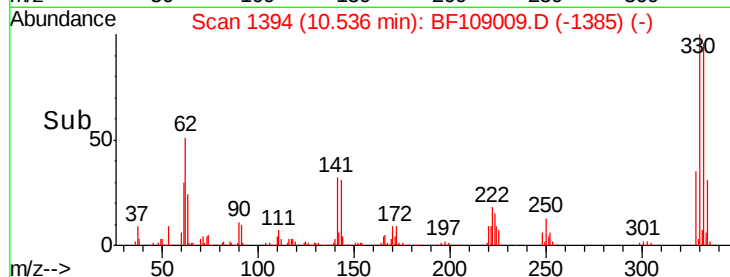
#66
 4-Bromophenyl-phenylether
 Concen: 3.099 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.25 min
 Lab File: BF109009.D
 Acq: 14 Sep 2018 21:46

Instrument :
 BNA_F
 ClientSampleId :
 C-MW-05-091218

Tgt Ion:248 Resp: 20351
 Ion Ratio Lower Upper
 248 100
 250 203.5 76.9 115.3#
 141 517.7 74.4 111.6#

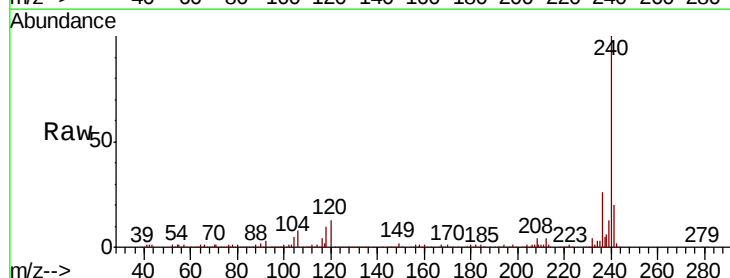


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

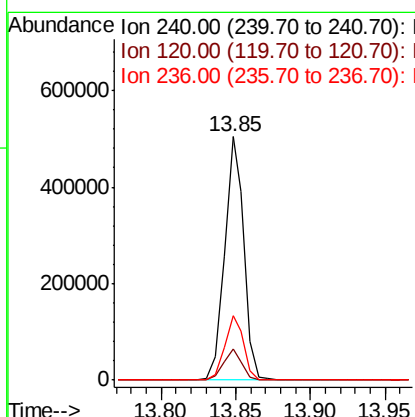
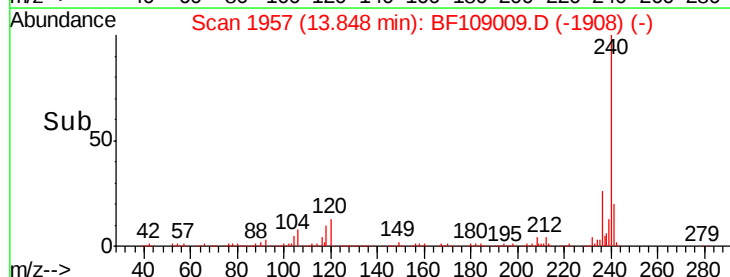


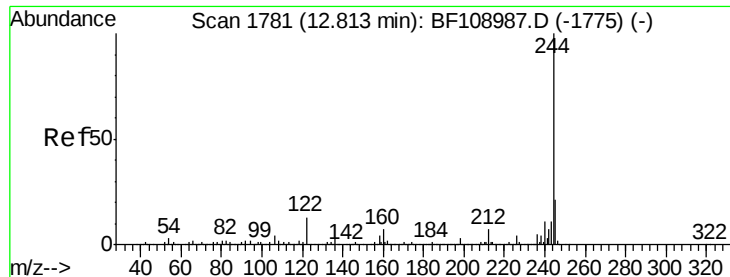
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BF109009.D
 Acq: 14 Sep 2018 21:46

Tgt Ion:240 Resp: 456784
 Ion Ratio Lower Upper
 240 100
 120 12.6 9.5 14.3
 236 26.3 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: 72.806 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109009.D

Acq: 14 Sep 2018 21:46

Instrument :

BNA_F

ClientSampleId :

C-MW-05-091218

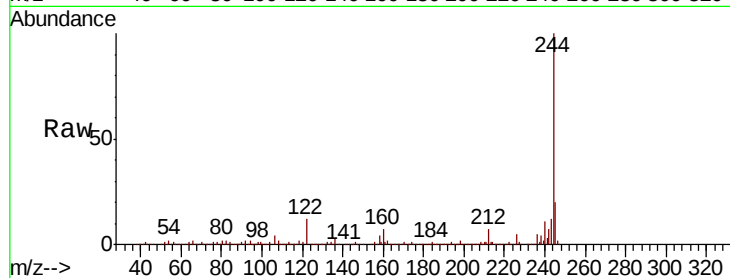
Tgt Ion:244 Resp: 1403079

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

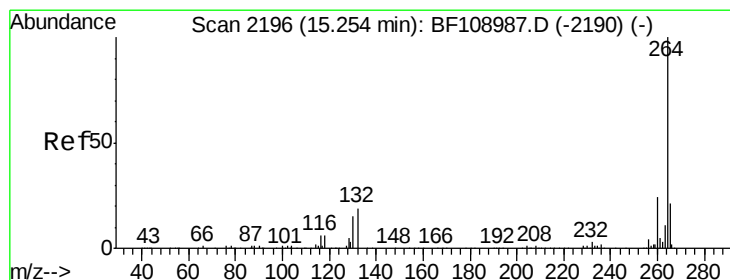
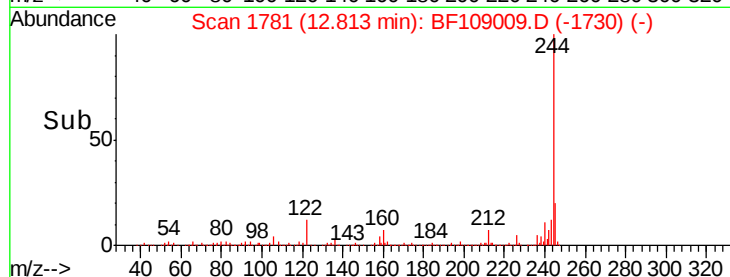
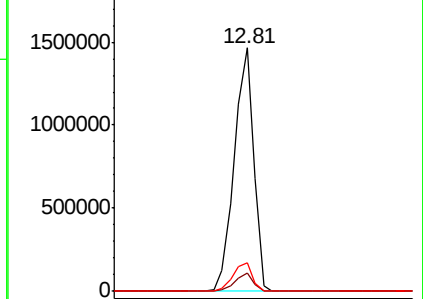
122 11.7 11.0 16.4



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: 20.000 ng

RT: 15.25 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BF109009.D

Acq: 14 Sep 2018 21:46

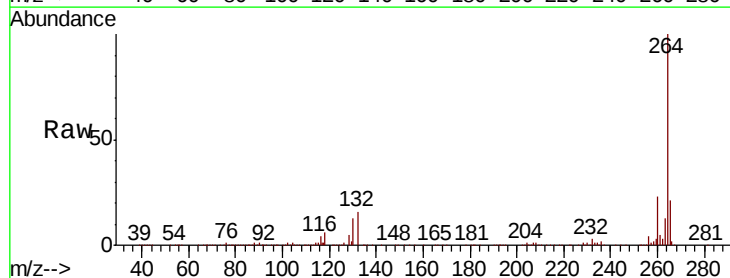
Tgt Ion:264 Resp: 416891

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.2 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

