

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091718\
 Data File : BF109080.D
 Acq On : 18 Sep 2018 6:44
 Operator : JU/SJ
 Sample : J4907-09
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CBH-140(4)

Quant Time: Sep 18 08:23:57 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

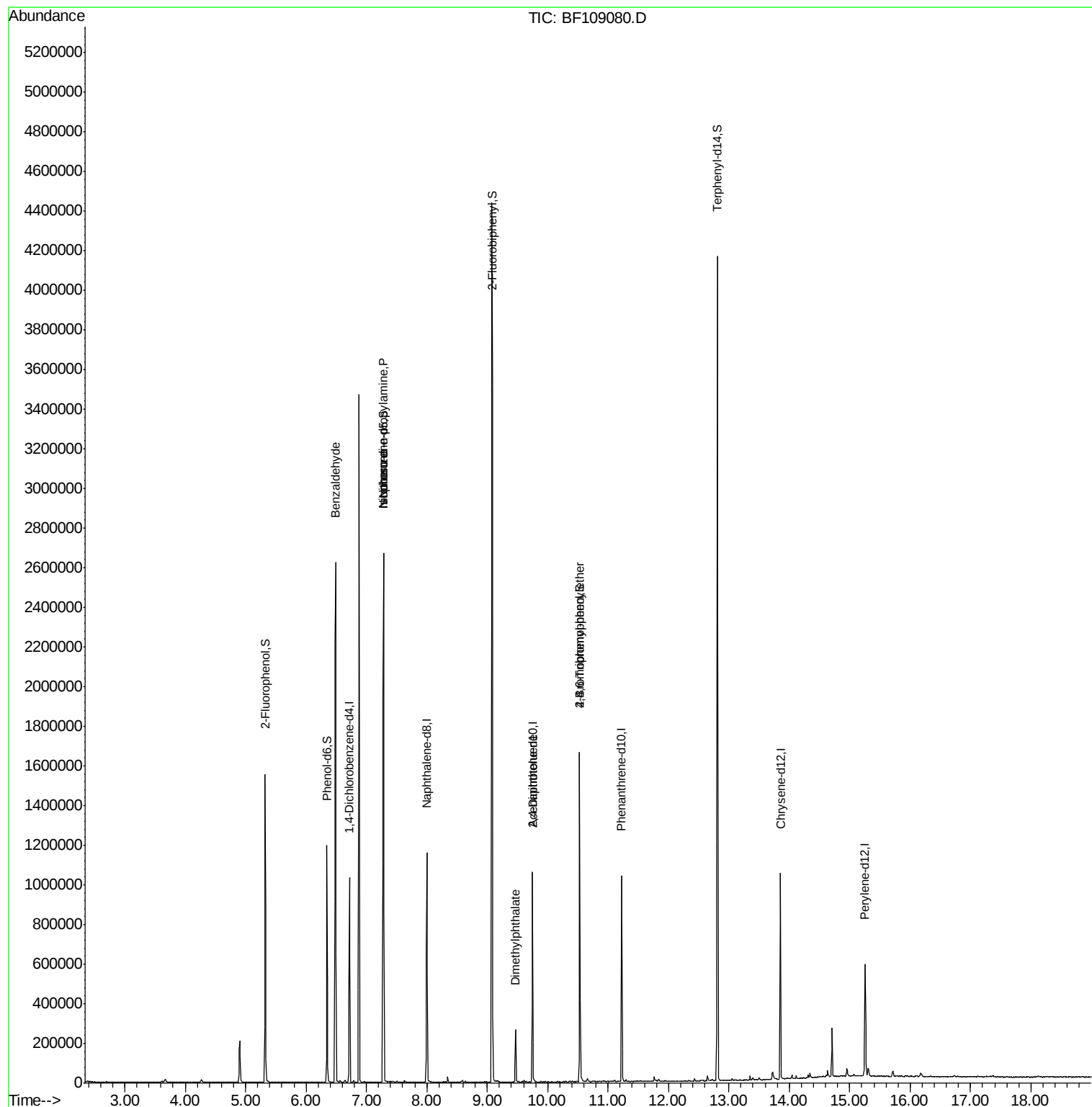
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	135865	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	465066	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	197626	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	366705	20.00	ng	0.00
75) Chrysene-d12	13.85	240	330643	20.00	ng	0.00
86) Perylene-d12	15.25	264	260176	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	406866	49.74	ng	0.00
7) Phenol-d6	6.35	99	330172	31.30	ng	-0.01
23) Nitrobenzene-d5	7.28	82	883255	106.52	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	216345	100.87	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1399884	110.98	ng	0.00
78) Terphenyl-d14	12.81	244	1424870	102.14	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	15816	2.348	ng	# 73
19) n-Nitroso-di-n-propylamine	7.28	70	119572	17.150	ng	# 77
25) Isophorone	7.28	82	878141	61.610	ng	# 64
49) Dimethylphthalate	9.47	163	110209	7.802	ng	# 98
56) 2,4-Dinitrotoluene	9.75	165	25441	6.210	ng	# 24
66) 4-Bromophenyl-phenylether	10.54	248	13170	3.186	ng	# 1

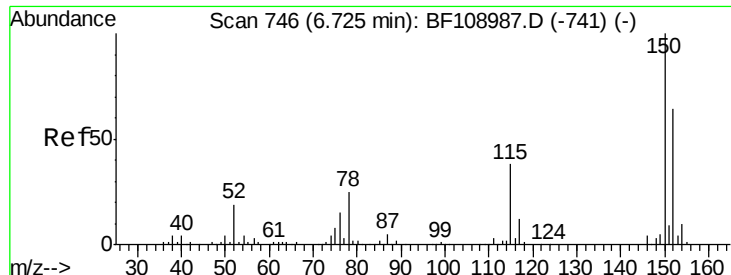
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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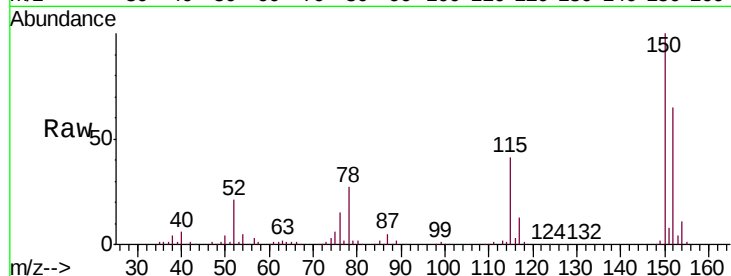




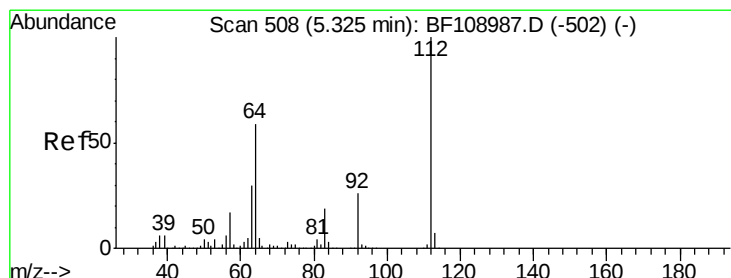
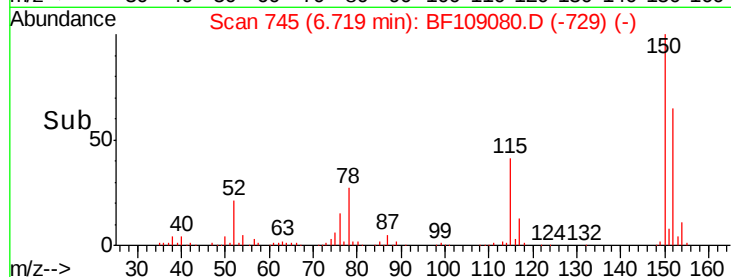
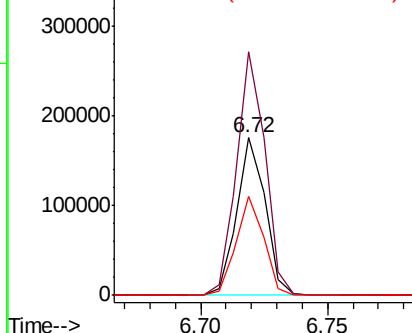
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109080.D
 Acq: 18 Sep 2018 6:44

Instrument :
 BNA_F
 ClientSampleId :
 CBH-140(4)

Tgt Ion:152 Resp: 135865
 Ion Ratio Lower Upper
 152 100
 150 154.4 124.6 186.8
 115 62.9 50.1 75.1

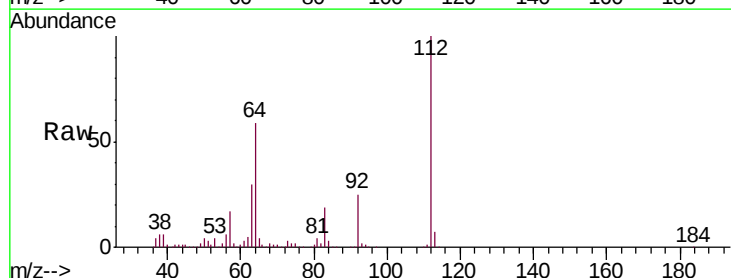


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

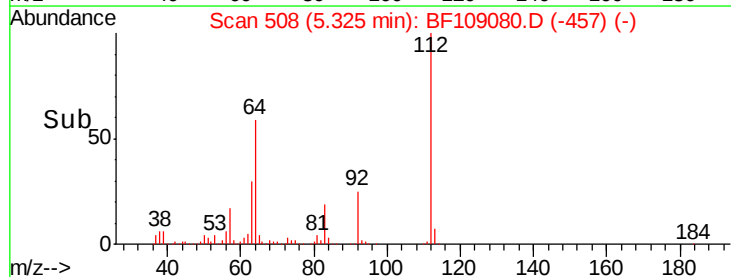
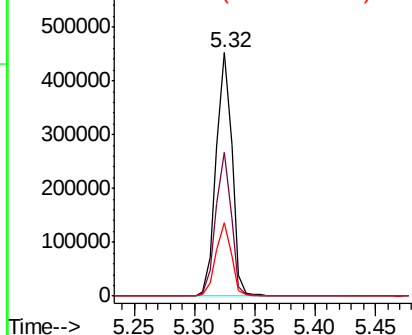


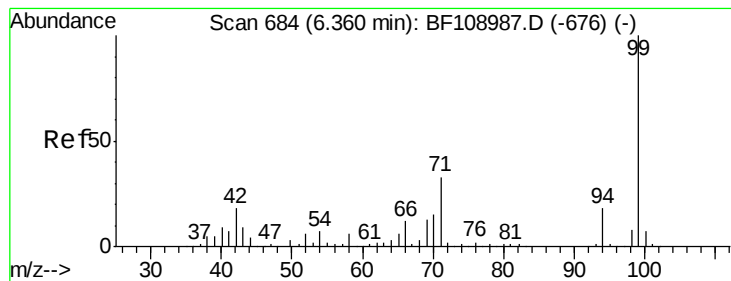
#5
 2-Fluorophenol
 Concen: 49.737 ng
 RT: 5.32 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF109080.D
 Acq: 18 Sep 2018 6:44

Tgt Ion:112 Resp: 406866
 Ion Ratio Lower Upper
 112 100
 64 59.3 47.9 71.9
 63 30.3 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: 31.302 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109080.D

Acq: 18 Sep 2018 6:44

Instrument :

BNA_F

ClientSampleId :

CBH-140(4)

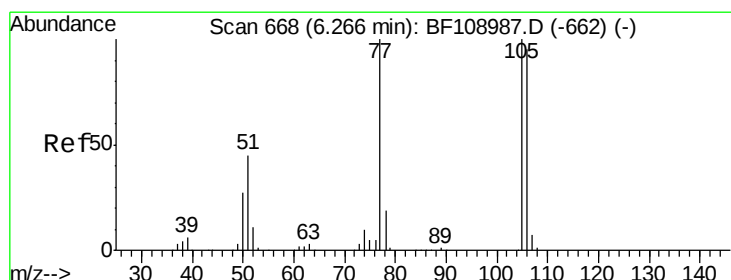
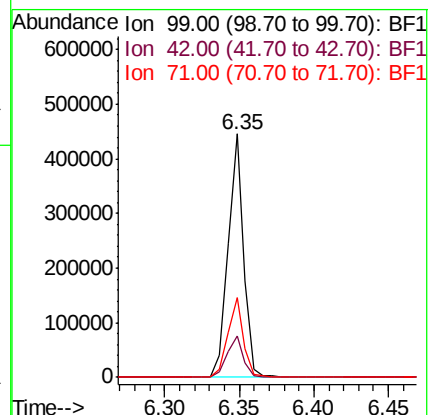
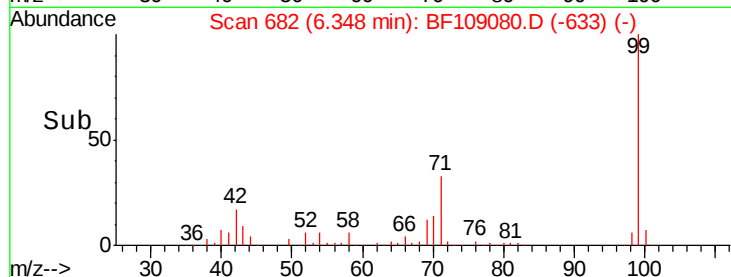
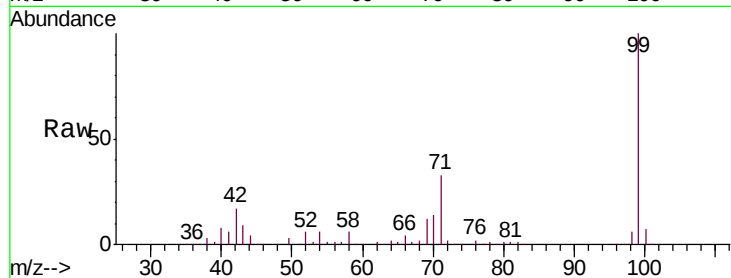
Tgt Ion: 99 Resp: 330172

Ion Ratio Lower Upper

99 100

42 17.2 14.5 21.7

71 32.7 25.4 38.0



#9

Benzaldehyde

Concen: 2.348 ng

RT: 6.49 min Scan# 706

Delta R.T. 0.22 min

Lab File: BF109080.D

Acq: 18 Sep 2018 6:44

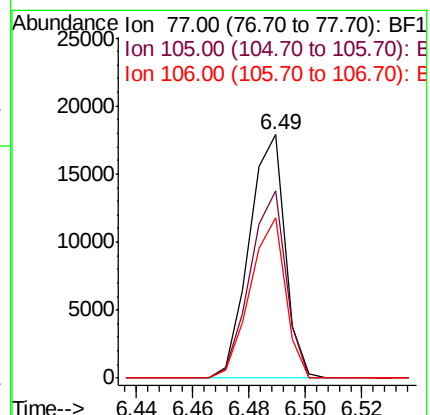
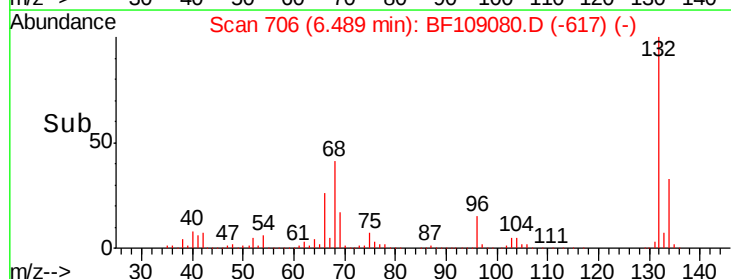
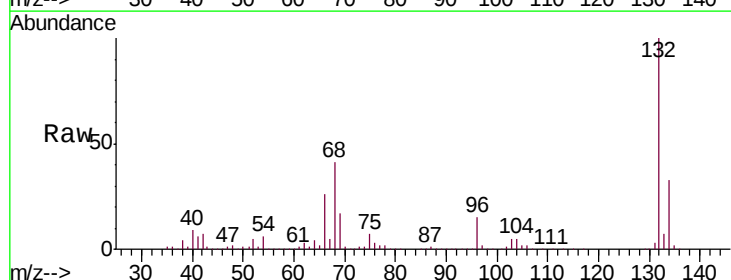
Tgt Ion: 77 Resp: 15816

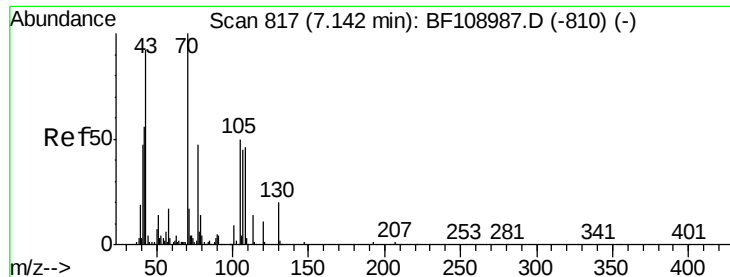
Ion Ratio Lower Upper

77 100

105 77.0 81.1 121.1#

106 65.7 74.5 114.5#

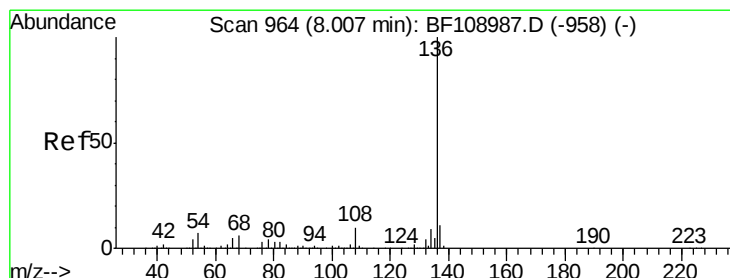
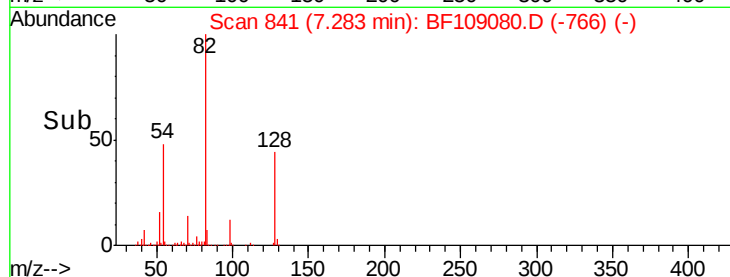
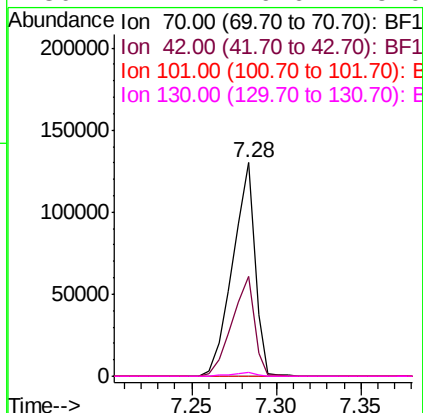
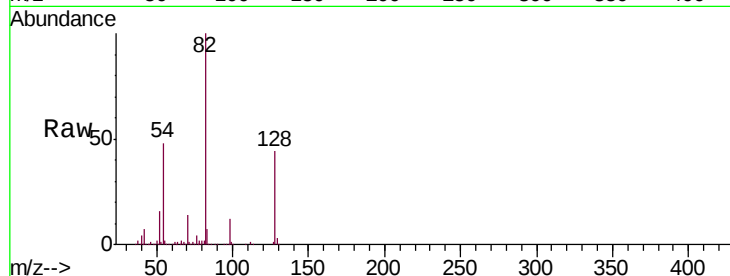




#19
n-Nitroso-di-n-propylamine
Concen: 17.150 ng
RT: 7.28 min Scan# 841
Delta R.T. 0.14 min
Lab File: BF109080.D
Acq: 18 Sep 2018 6:44

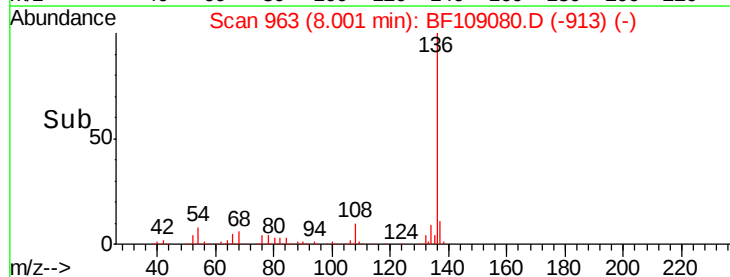
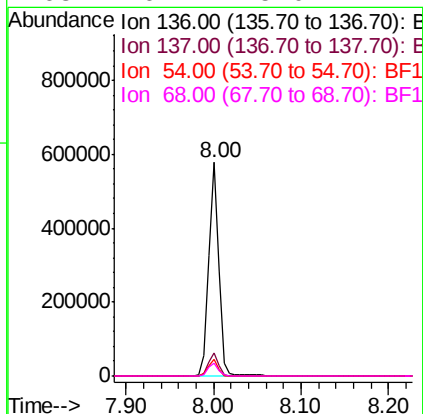
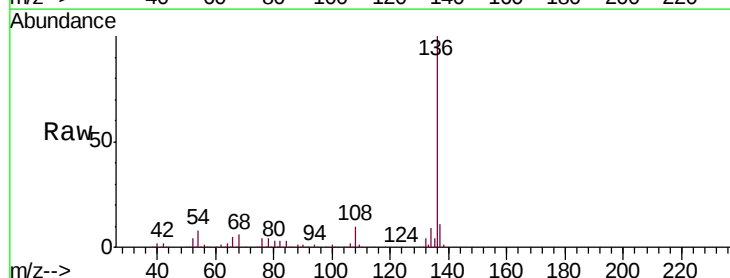
Instrument :
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ClientSampleId :
CBH-140(4)

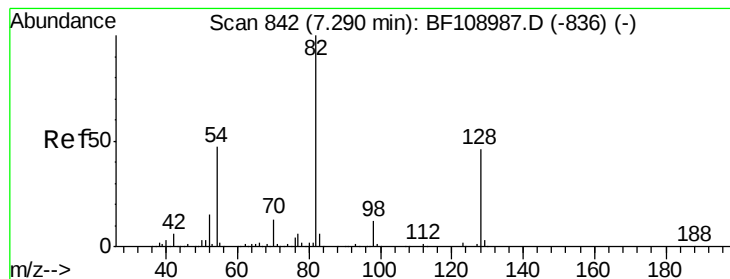
Tgt Ion:	70	Resp:	119572
Ion	Ratio	Lower	Upper
70	100		
42	46.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109080.D
Acq: 18 Sep 2018 6:44

Tgt Ion:	136	Resp:	465066
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.7	6.6	9.8
68	6.2	5.0	7.4





#23

Nitrobenzene-d5

Concen: 106.523 ng

RT: 7.28 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF109080.D

Acq: 18 Sep 2018 6:44

Instrument :

BNA_F

ClientSampleId :

CBH-140(4)

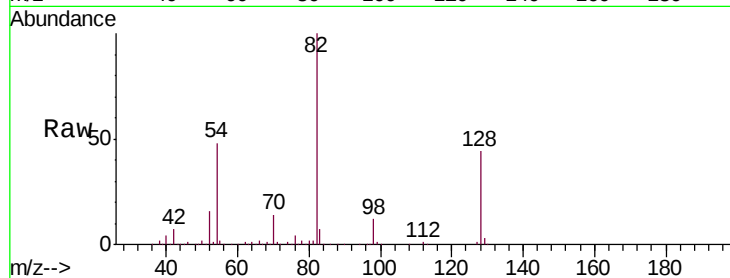
Tgt Ion: 82 Resp: 883255

Ion Ratio Lower Upper

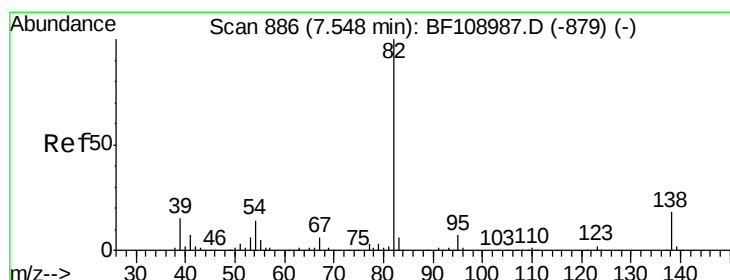
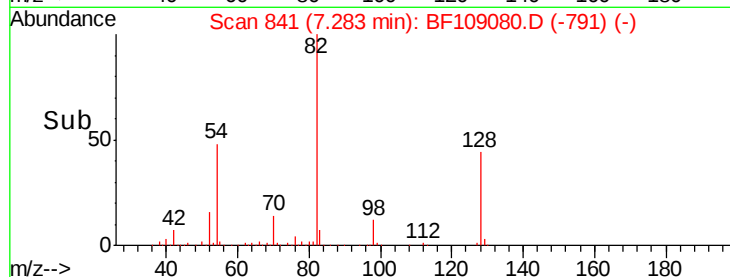
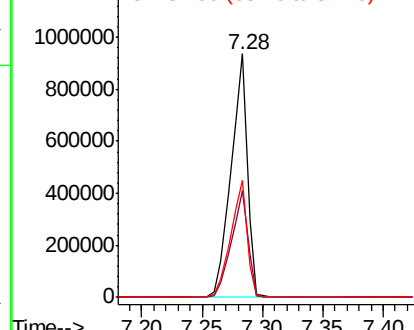
82 100

128 43.6 36.1 54.1

54 48.1 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: 61.610 ng

RT: 7.28 min Scan# 841

Delta R.T. -0.26 min

Lab File: BF109080.D

Acq: 18 Sep 2018 6:44

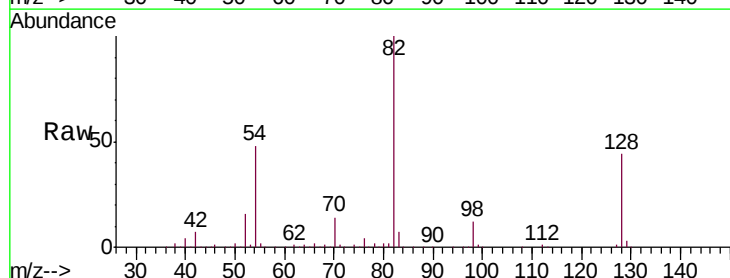
Tgt Ion: 82 Resp: 878141

Ion Ratio Lower Upper

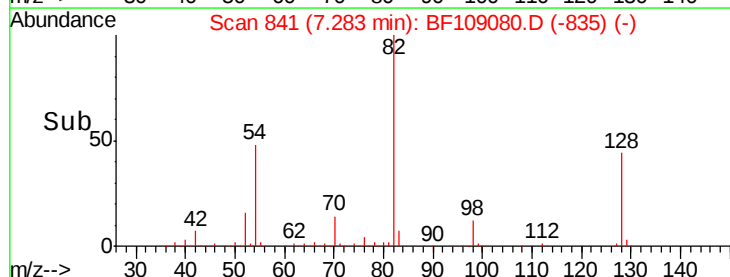
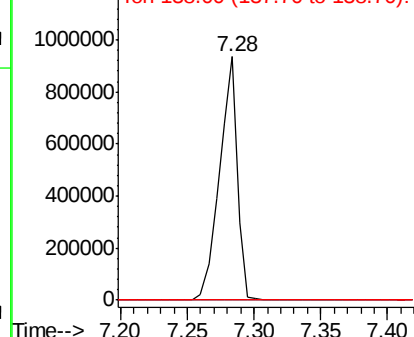
82 100

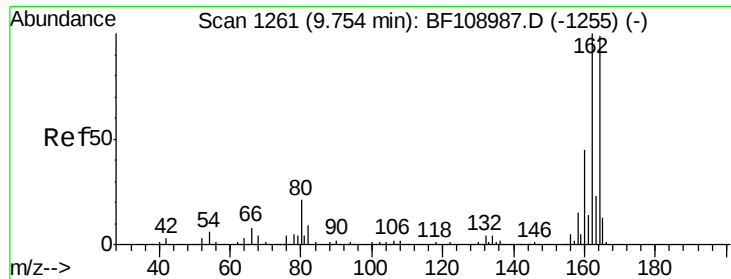
95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

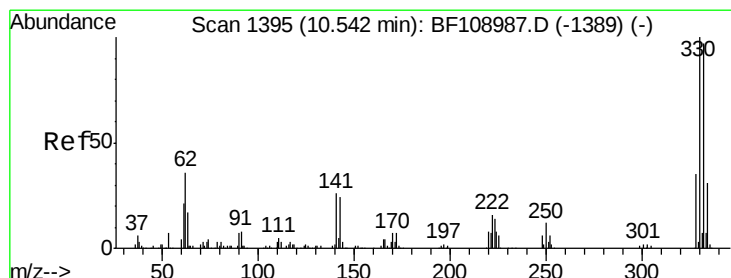
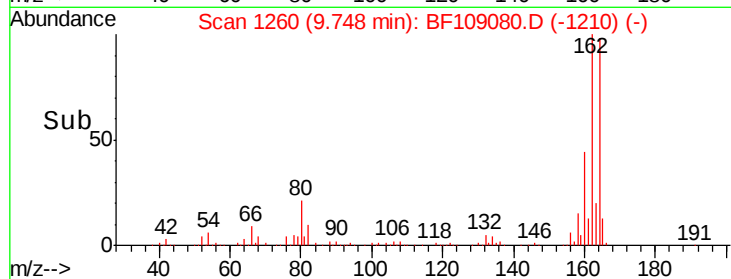
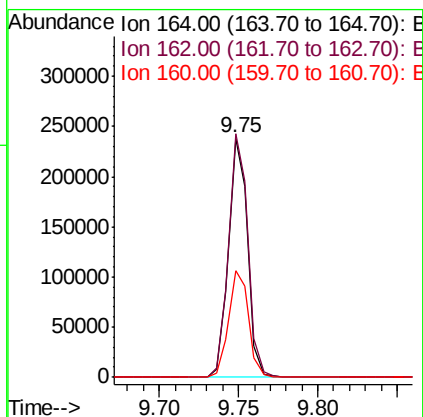
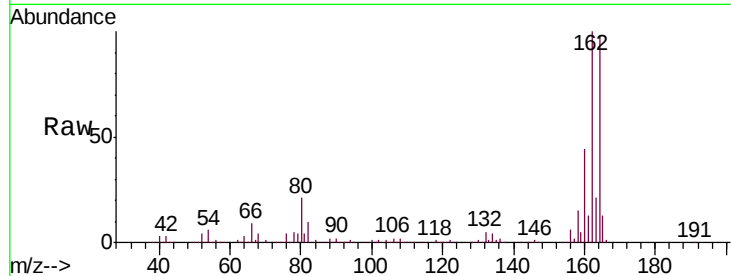




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109080.D
 Acq: 18 Sep 2018 6:44

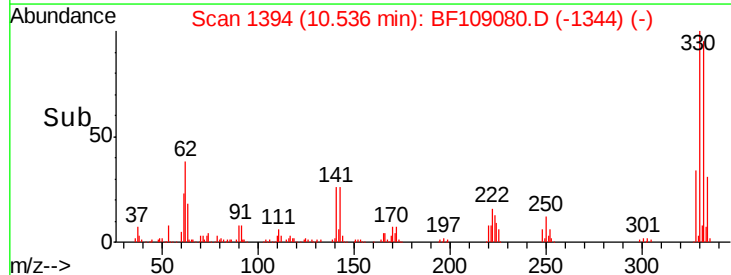
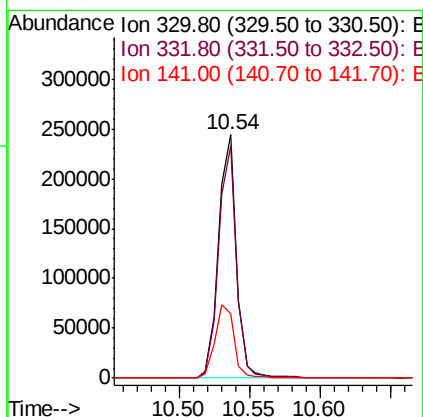
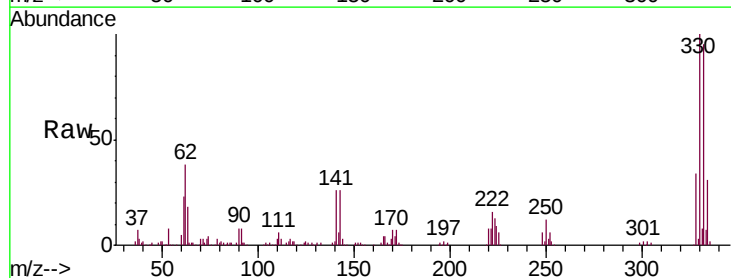
Instrument :
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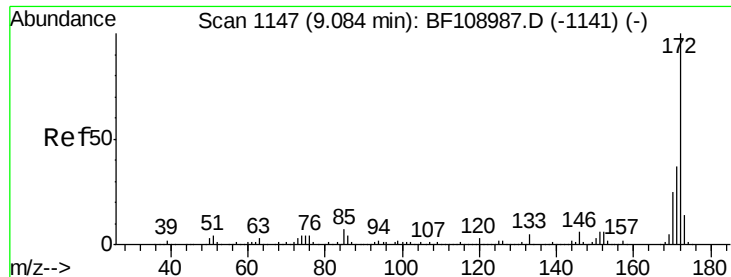
Tgt Ion:164 Resp: 197626
 Ion Ratio Lower Upper
 164 100
 162 102.0 86.1 129.1
 160 44.6 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 100.871 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109080.D
 Acq: 18 Sep 2018 6:44

Tgt Ion:330 Resp: 216345
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 32.2 29.9 44.9

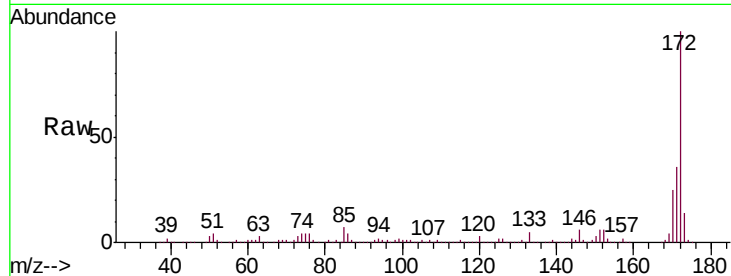




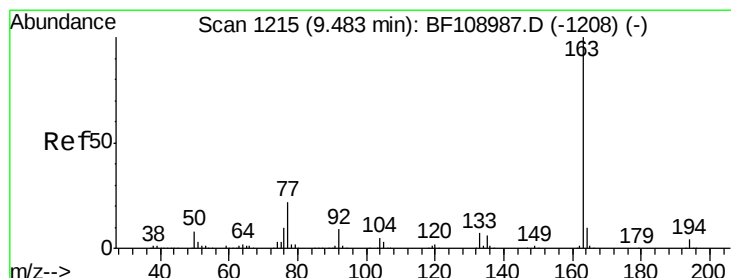
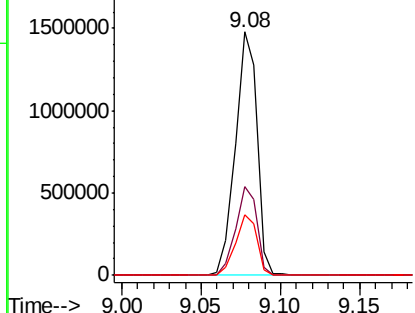
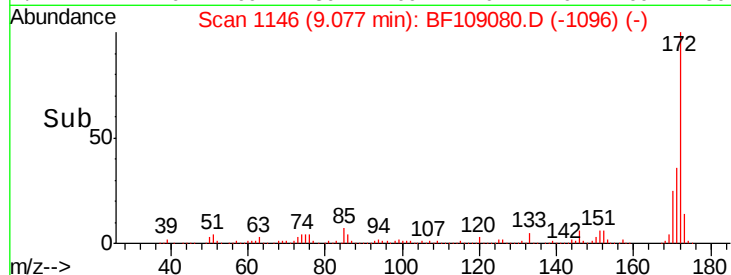
#44
2-Fluorobiphenyl
Concen: 110.979 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109080.D
Acq: 18 Sep 2018 6:44

Instrument :
BNA_F
ClientSampleId :
CBH-140(4)

Tgt Ion:172 Resp: 1399884
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.8 19.6 29.4

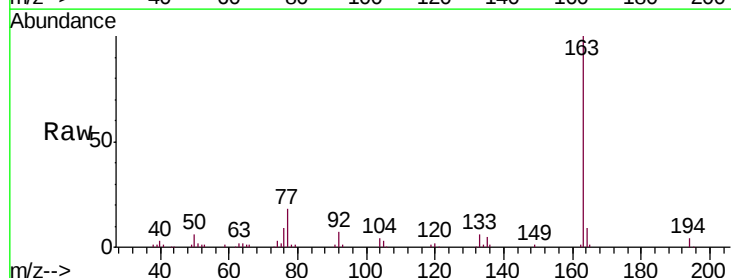


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

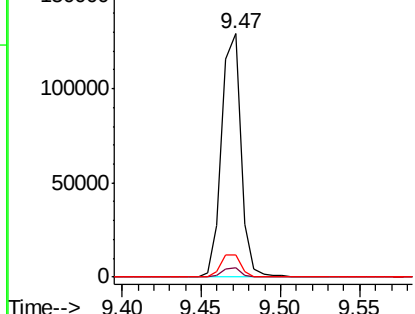
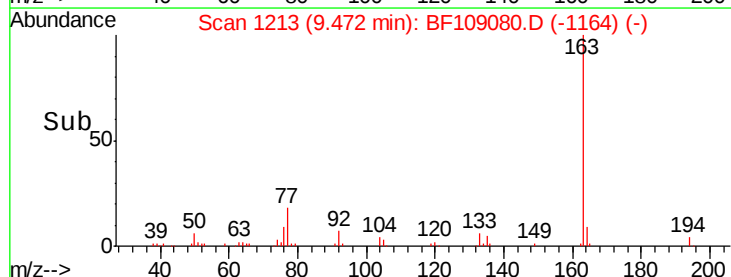


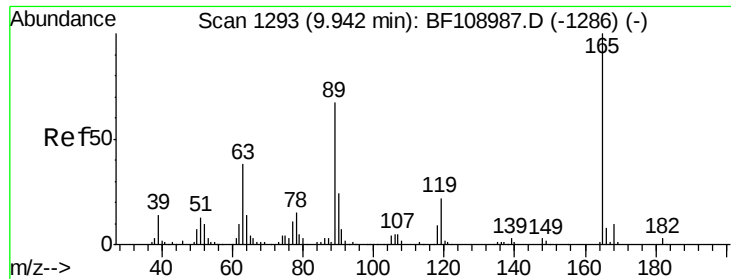
#49
Dimethylphthalate
Concen: 7.802 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109080.D
Acq: 18 Sep 2018 6:44

Tgt Ion:163 Resp: 110209
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.1 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

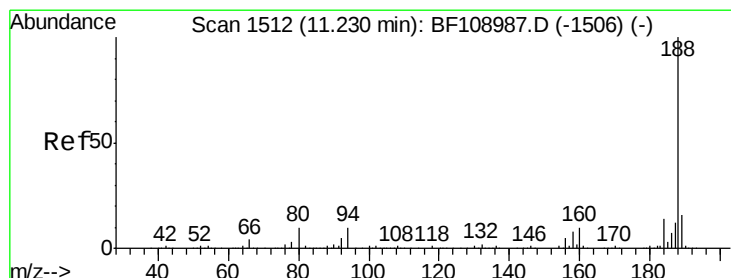
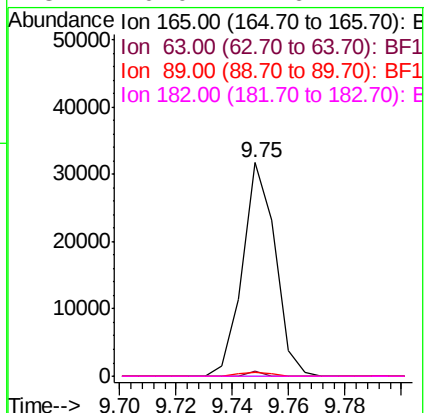
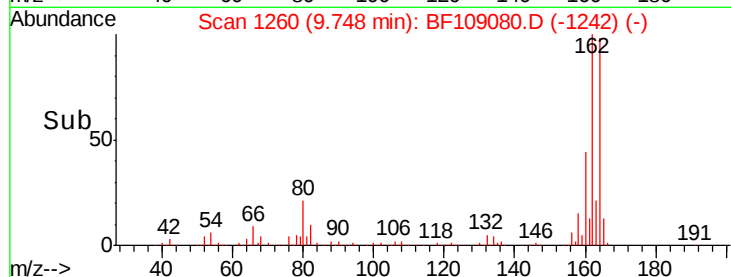
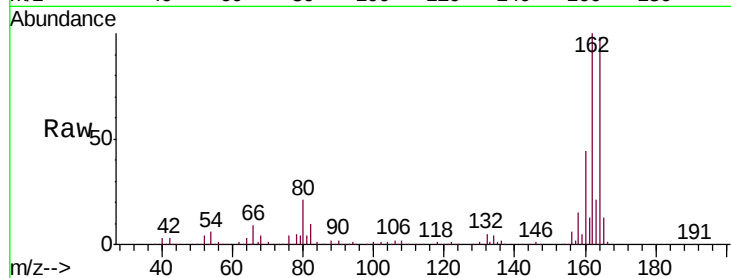




#56
 2,4-Dinitrotoluene
 Concen: 6.210 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109080.D
 Acq: 18 Sep 2018 6:44

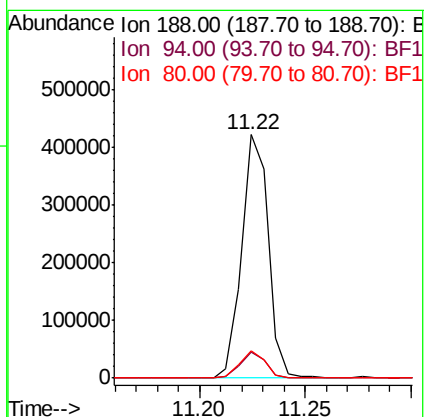
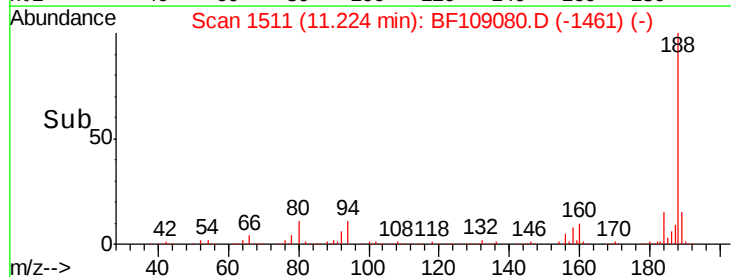
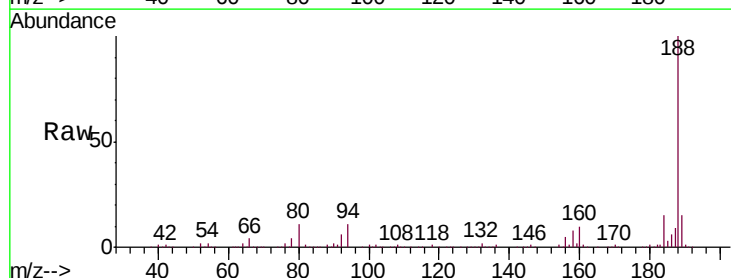
Instrument :
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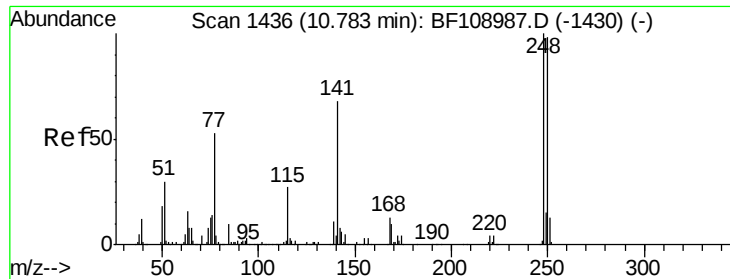
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109080.D
 Acq: 18 Sep 2018 6:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.3	9.2	13.8

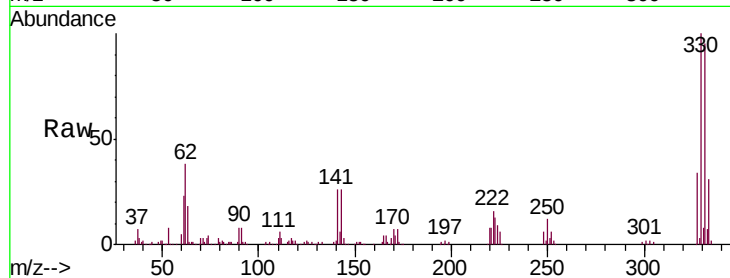




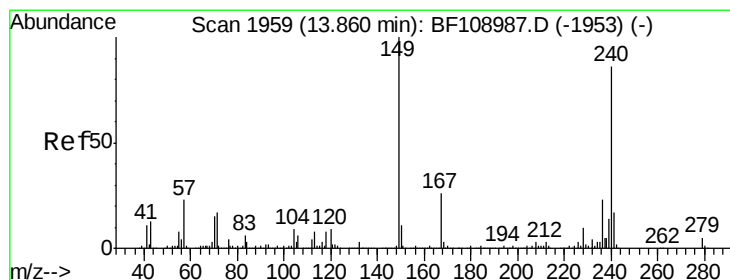
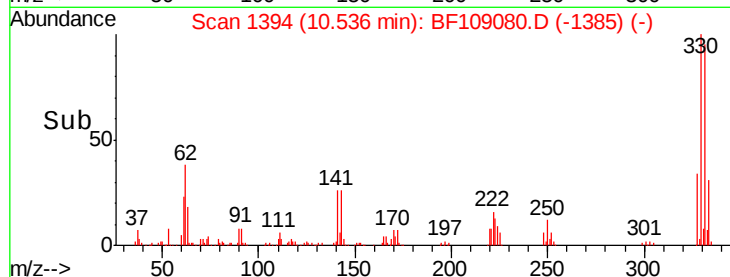
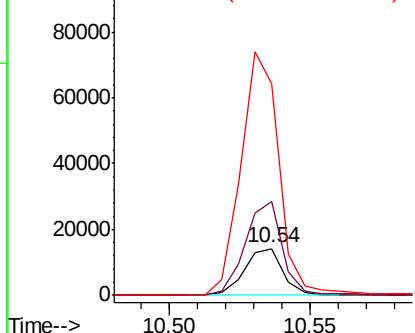
#66
4-Bromophenyl-phenylether
Concen: 3.186 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.25 min
Lab File: BF109080.D
Acq: 18 Sep 2018 6:44

Instrument :
BNA_F
ClientSampleId :
CBH-140(4)

Tgt Ion:248 Resp: 13170
Ion Ratio Lower Upper
248 100
250 200.7 76.9 115.3#
141 451.2 74.4 111.6#

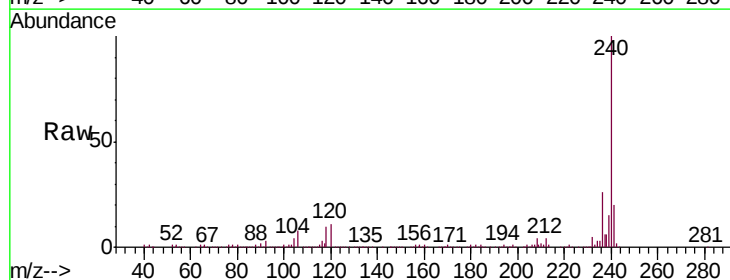


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

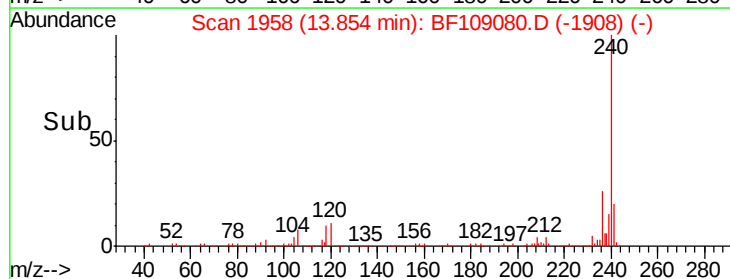
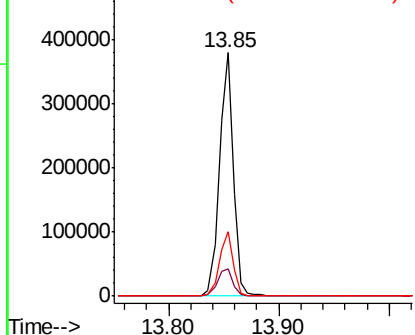


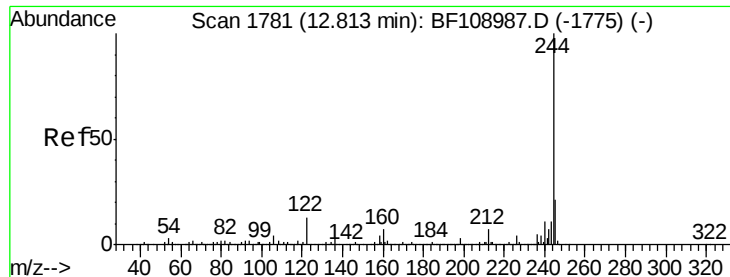
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BF109080.D
Acq: 18 Sep 2018 6:44

Tgt Ion:240 Resp: 330643
Ion Ratio Lower Upper
240 100
120 11.4 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: 102.144 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109080.D

Acq: 18 Sep 2018 6:44

Instrument :

BNA_F

ClientSampleId :

CBH-140(4)

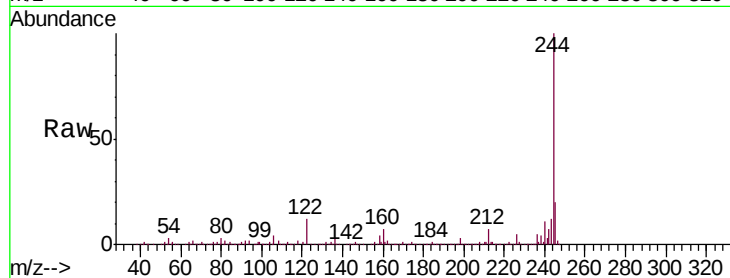
Tgt Ion:244 Resp: 1424870

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

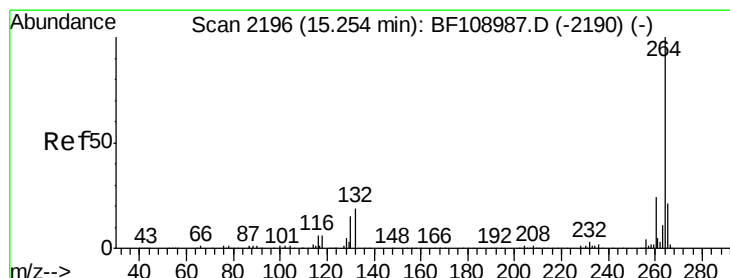
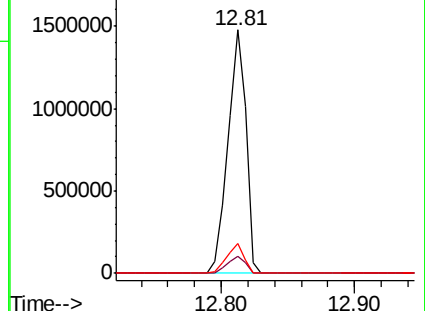
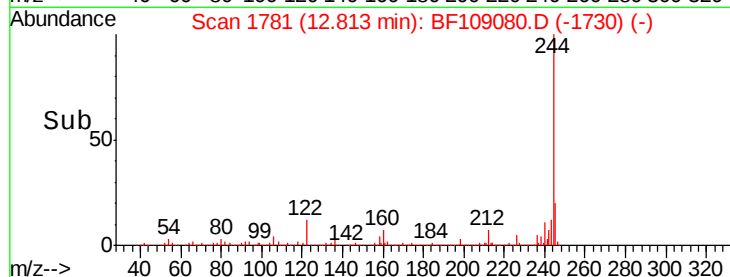
122 12.1 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.25 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BF109080.D

Acq: 18 Sep 2018 6:44

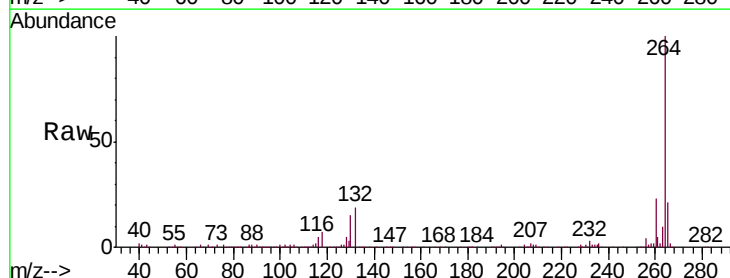
Tgt Ion:264 Resp: 260176

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 20.9 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

