

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091718\
 Data File : BF109076.D
 Acq On : 18 Sep 2018 4:55
 Operator : JU/SJ
 Sample : J4907-01
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CBH-591(1)

Quant Time: Sep 18 06:42:48 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

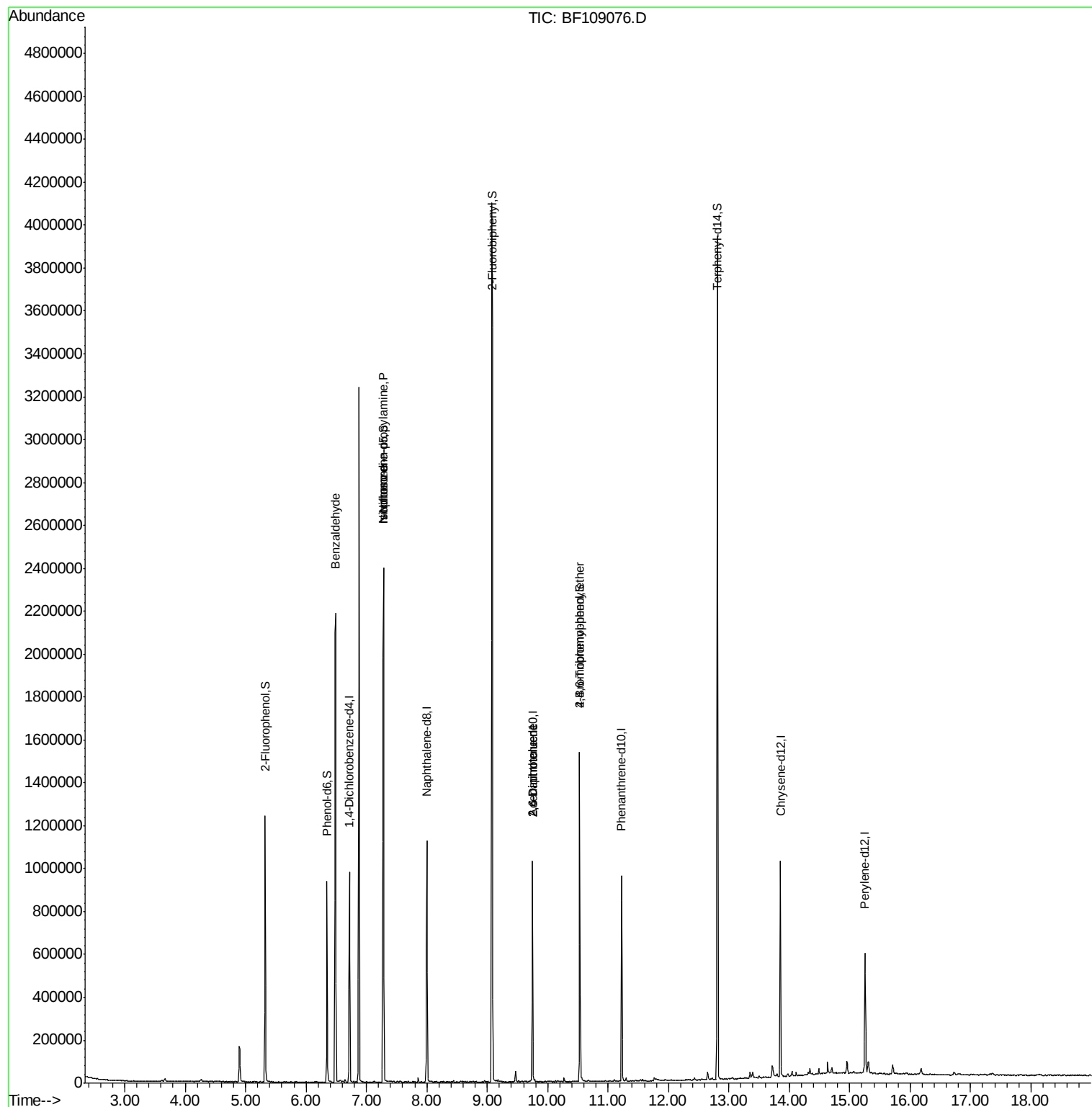
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	128184	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	442683	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	186677	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	344472	20.00	ng	0.00
75) Chrysene-d12	13.85	240	330183	20.00	ng	0.00
86) Perylene-d12	15.25	264	245432	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	324874	42.09	ng	0.00
7) Phenol-d6	6.35	99	256442	25.77	ng	-0.01
23) Nitrobenzene-d5	7.28	82	806298	102.16	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	202767	100.09	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1306437	109.65	ng	0.00
78) Terphenyl-d14	12.81	244	1364166	97.93	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	13728	2.160	ng	# 72
19) n-Nitroso-di-n-propylamine	7.28	70	109101	16.586	ng	# 76
25) Isophorone	7.28	82	802384	59.142	ng	# 64
50) 2,6-Dinitrotoluene	9.75	165	23725	8.018	ng	# 25
56) 2,4-Dinitrotoluene	9.75	165	23725	6.131	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	12112	3.119	ng	# 1

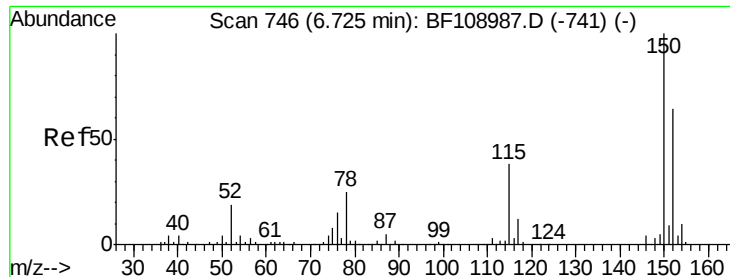
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 14 13:26:52 2018
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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: BF109076.D

Acq: 18 Sep 2018 4:55

Instrument :

BNA_F

ClientSampleId :

CBH-591(1)

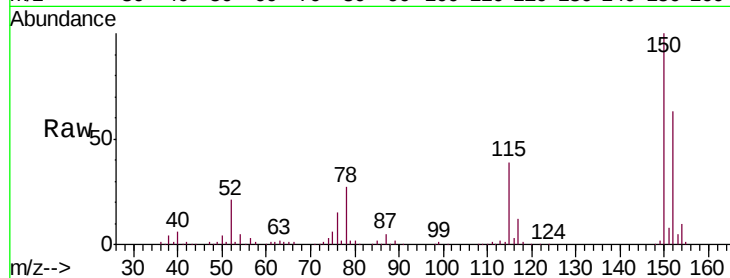
Tgt Ion:152 Resp: 128184

Ion Ratio Lower Upper

152 100

150 157.6 124.6 186.8

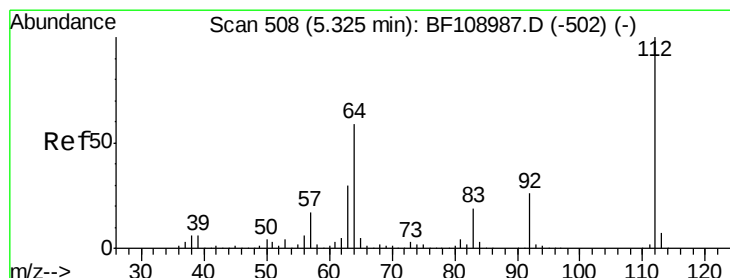
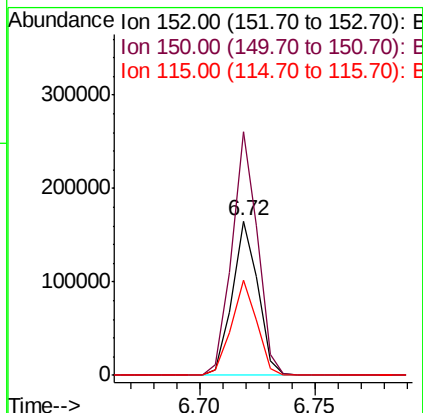
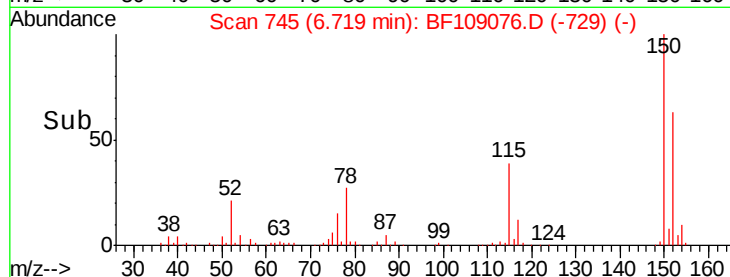
115 61.3 50.1 75.1



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: 42.094 ng

RT: 5.32 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF109076.D

Acq: 18 Sep 2018 4:55

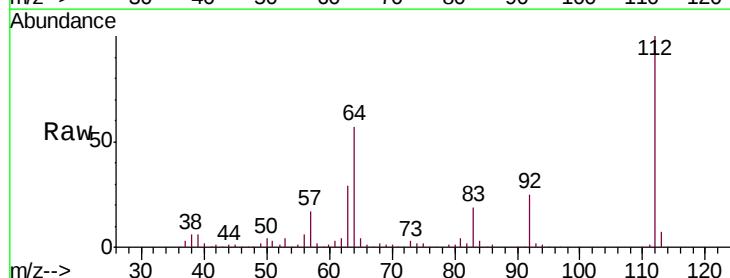
Tgt Ion:112 Resp: 324874

Ion Ratio Lower Upper

112 100

64 56.9 47.9 71.9

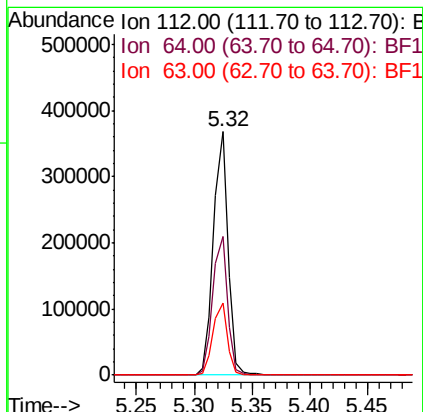
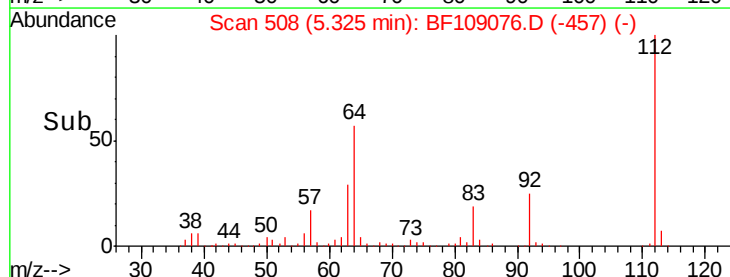
63 29.4 23.7 35.5

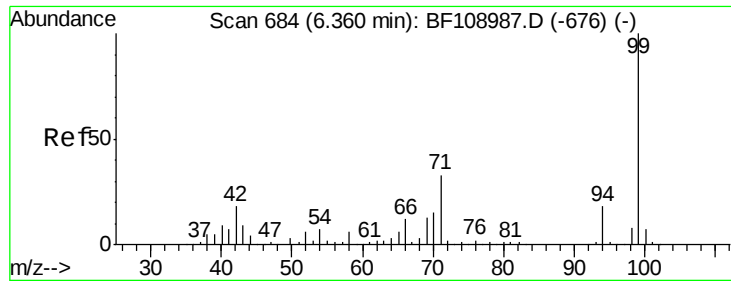


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 25.769 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109076.D

Acq: 18 Sep 2018 4:55

Instrument :

BNA_F

ClientSampleId :

CBH-591(1)

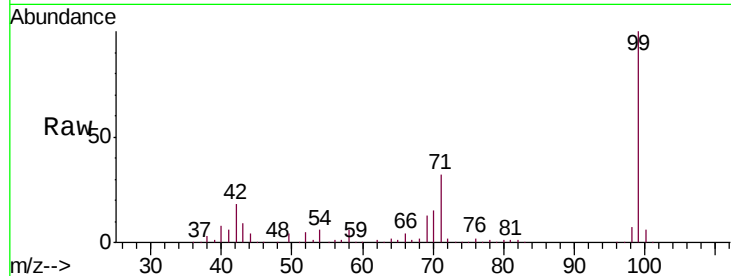
Tgt Ion: 99 Resp: 256442

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

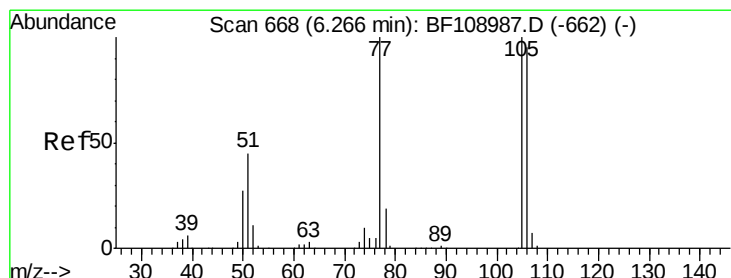
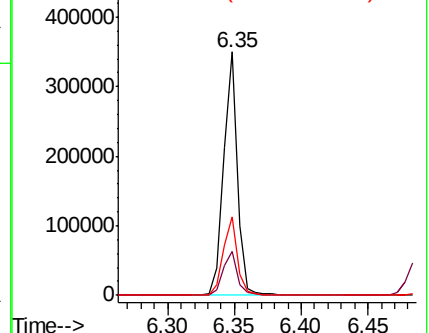
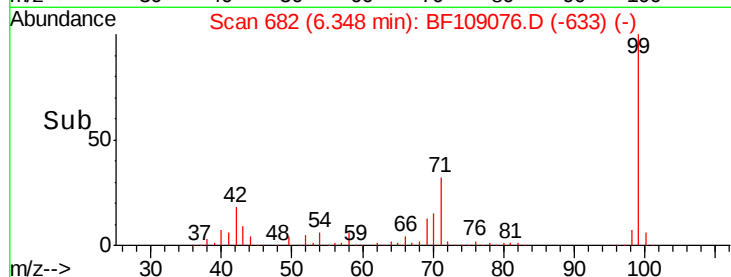
71 32.1 25.4 38.0



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: 2.160 ng

RT: 6.49 min Scan# 706

Delta R.T. 0.22 min

Lab File: BF109076.D

Acq: 18 Sep 2018 4:55

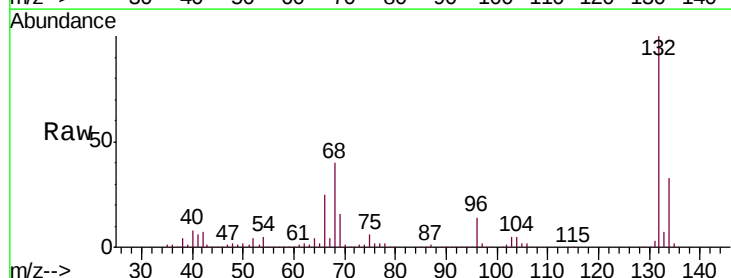
Tgt Ion: 77 Resp: 13728

Ion Ratio Lower Upper

77 100

105 72.9 81.1 121.1#

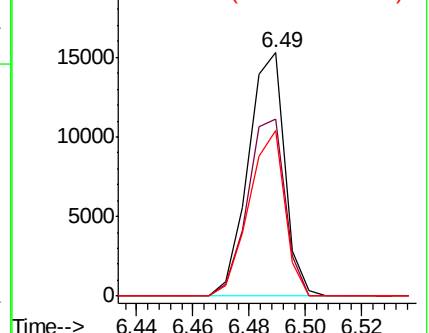
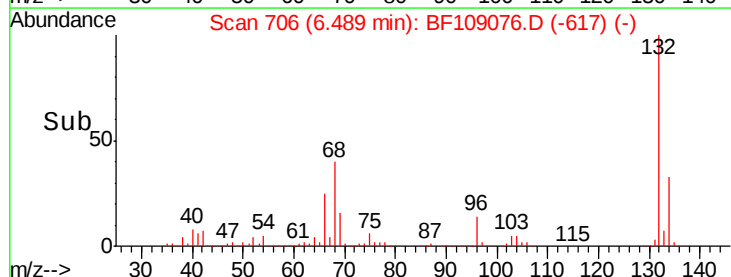
106 68.1 74.5 114.5#

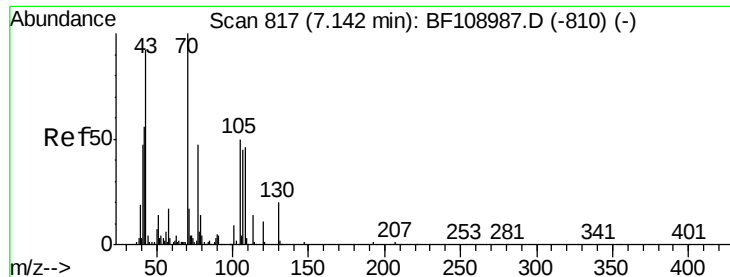


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

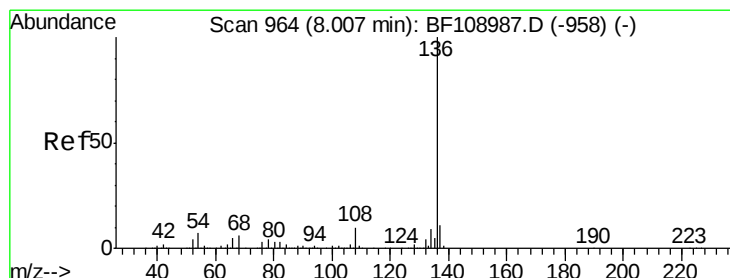
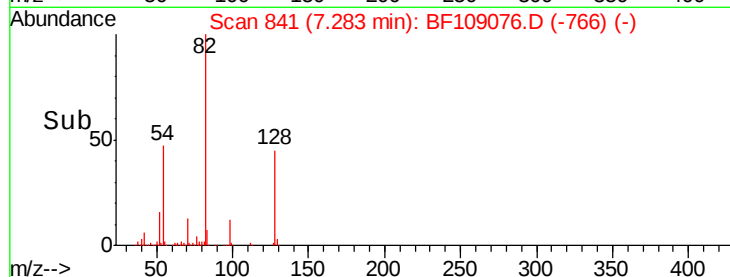
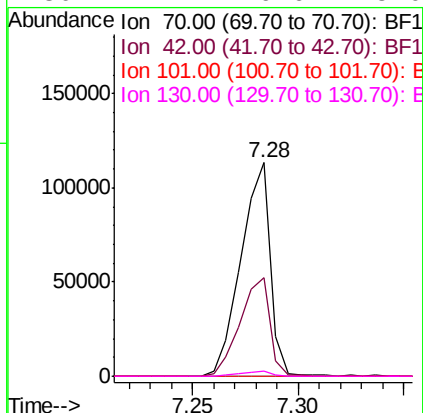
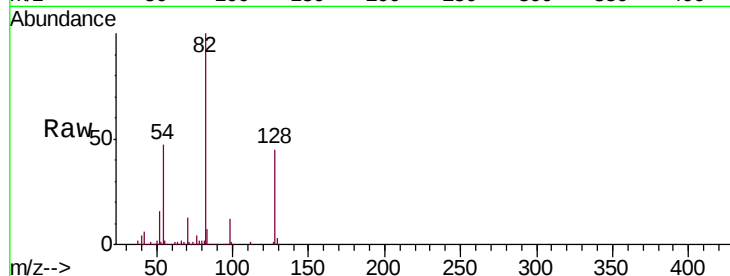




#19
n-Nitroso-di-n-propylamine
Concen: 16.586 ng
RT: 7.28 min Scan# 841
Delta R.T. 0.14 min
Lab File: BF109076.D
Acq: 18 Sep 2018 4:55

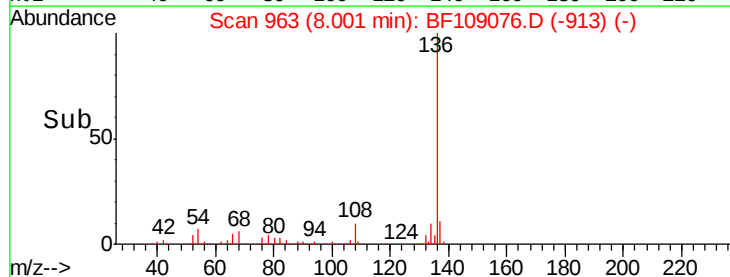
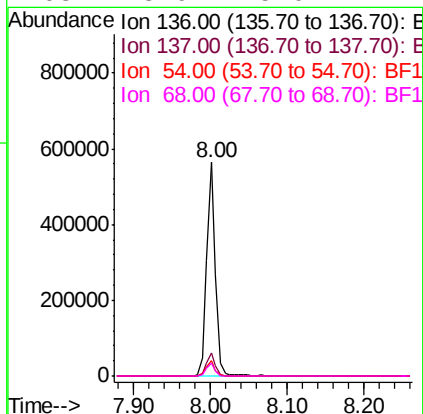
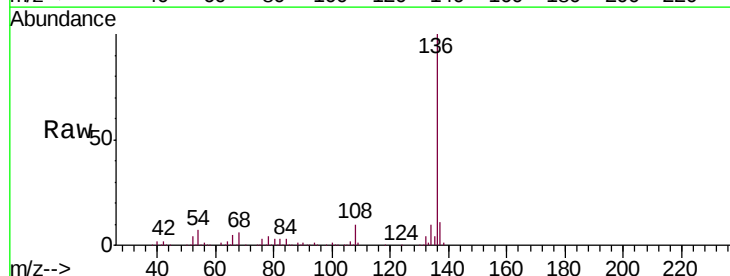
Instrument :
BNA_F
ClientSampleId :
CBH-591(1)

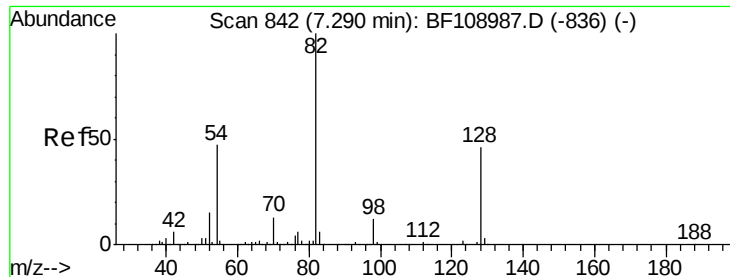
Tgt Ion:	70	Resp:	109101
Ion	Ratio	Lower	Upper
70	100		
42	46.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109076.D
Acq: 18 Sep 2018 4:55

Tgt Ion:	136	Resp:	442683
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.5	6.6	9.8
68	5.9	5.0	7.4

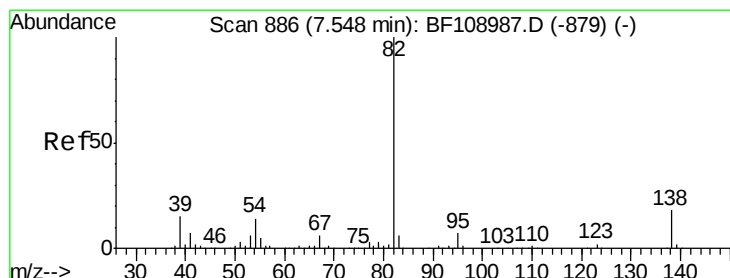
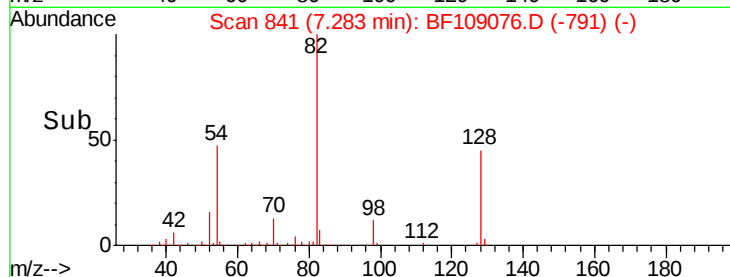
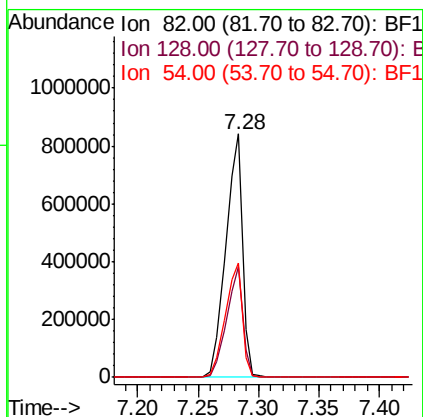
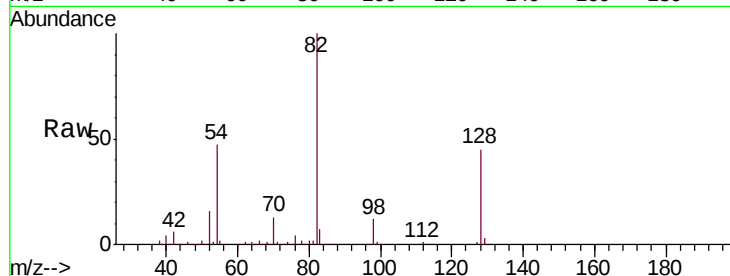




#23
Nitrobenzene-d5
Concen: 102.158 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109076.D
Acq: 18 Sep 2018 4:55

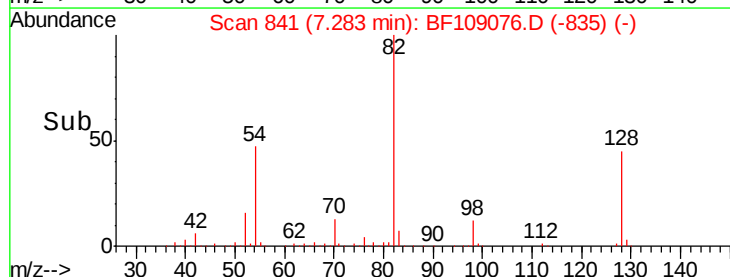
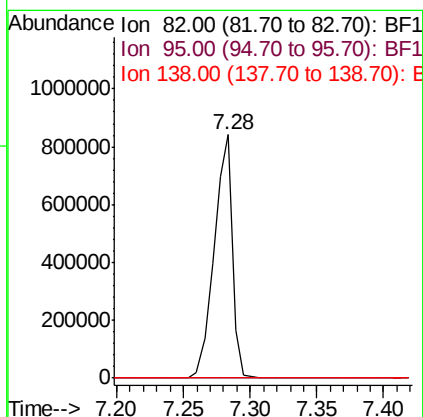
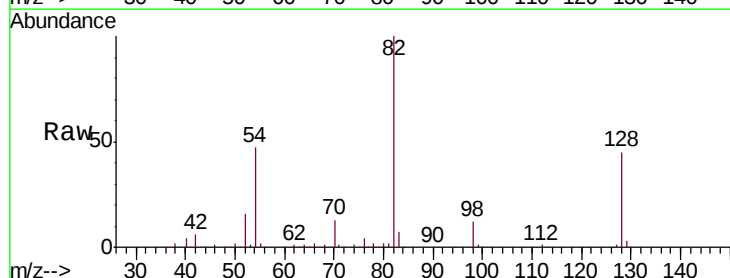
Instrument :
BNA_F
ClientSampleId :
CBH-591(1)

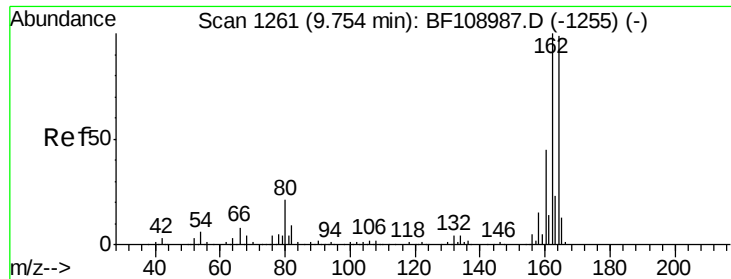
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	47.2	41.4	62.2



#25
Isophorone
Concen: 59.142 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.26 min
Lab File: BF109076.D
Acq: 18 Sep 2018 4:55

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

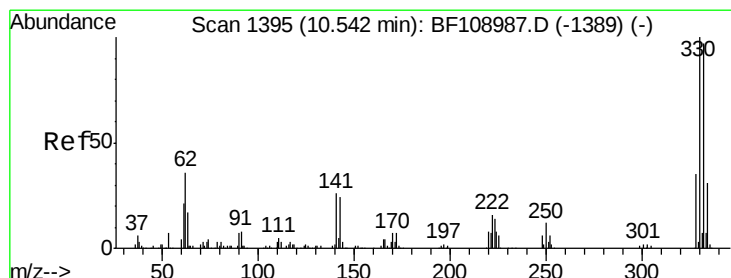
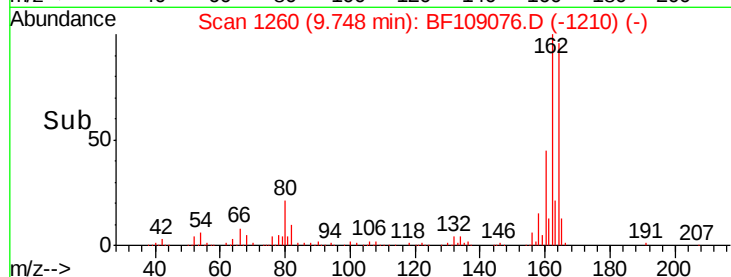
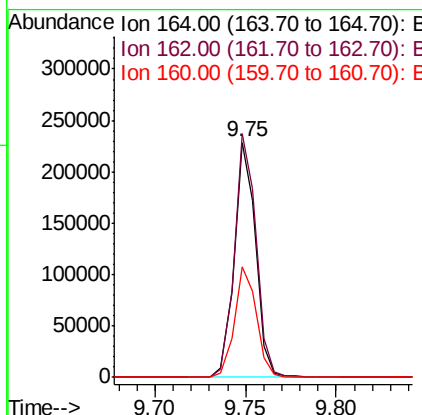
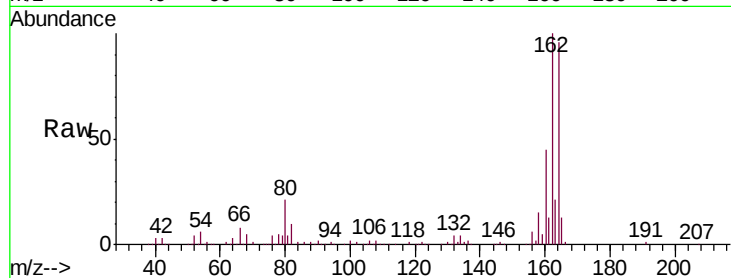




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109076.D
 Acq: 18 Sep 2018 4:55

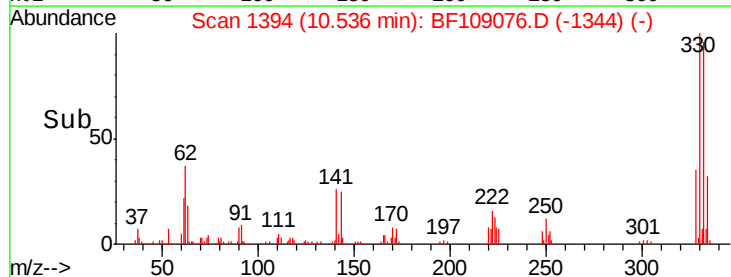
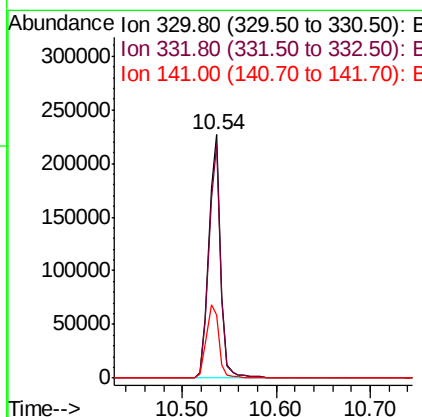
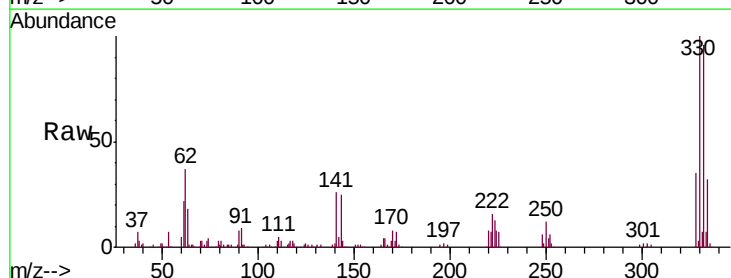
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 BNA_F
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 CBH-591(1)

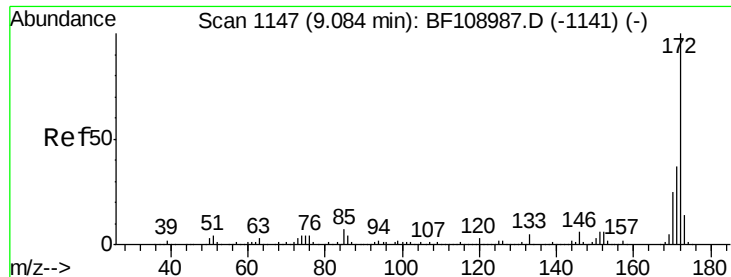
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	47.0	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 100.085 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109076.D
 Acq: 18 Sep 2018 4:55

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	31.8	29.9	44.9





#44

2-Fluorobiphenyl

Concen: 109.646 ng

RT: 9.08 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF109076.D

Acq: 18 Sep 2018 4:55

Instrument :

BNA_F

ClientSampleId :

CBH-591(1)

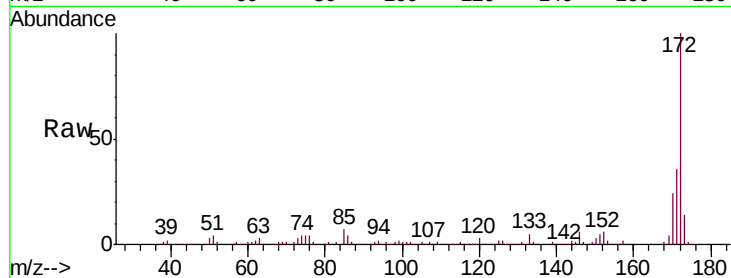
Tgt Ion:172 Resp: 1306437

Ion Ratio Lower Upper

172 100

171 36.0 29.7 44.5

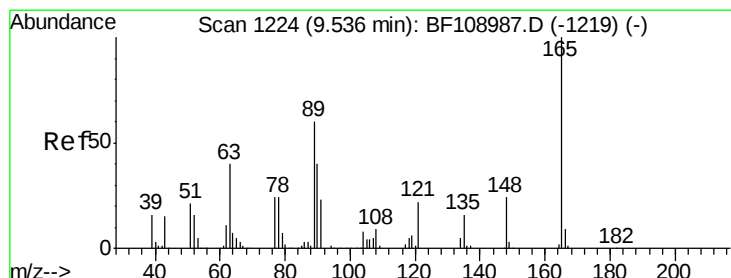
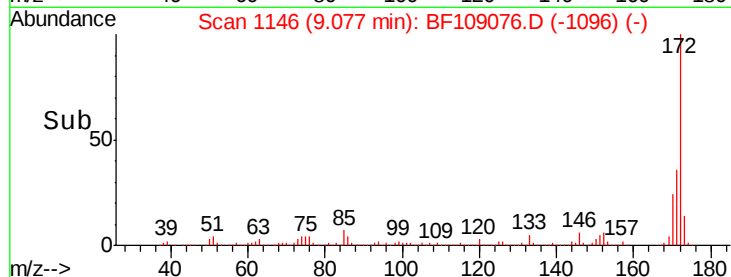
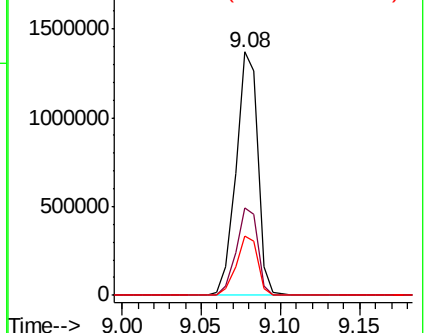
170 24.5 19.6 29.4



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



#50

2,6-Dinitrotoluene

Concen: 8.018 ng

RT: 9.75 min Scan# 1260

Delta R.T. 0.21 min

Lab File: BF109076.D

Acq: 18 Sep 2018 4:55

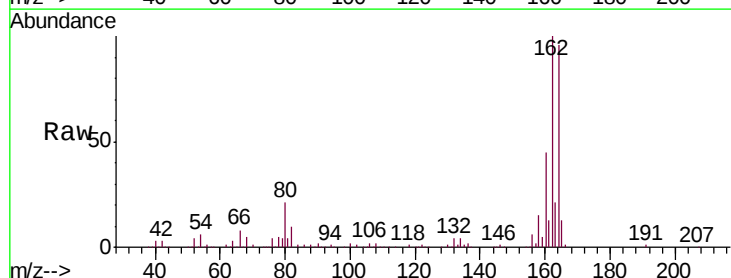
Tgt Ion:165 Resp: 23725

Ion Ratio Lower Upper

165 100

63 1.3 44.7 67.1#

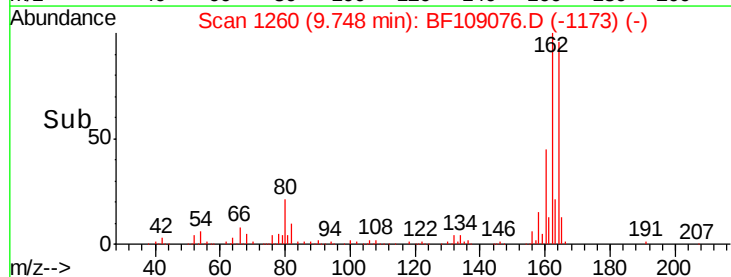
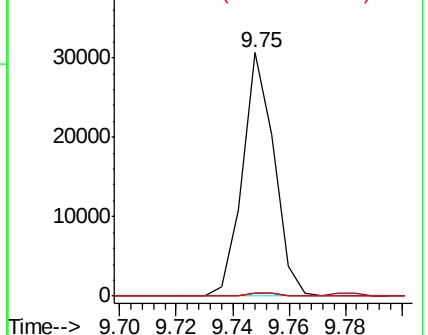
89 1.3 44.0 66.0#

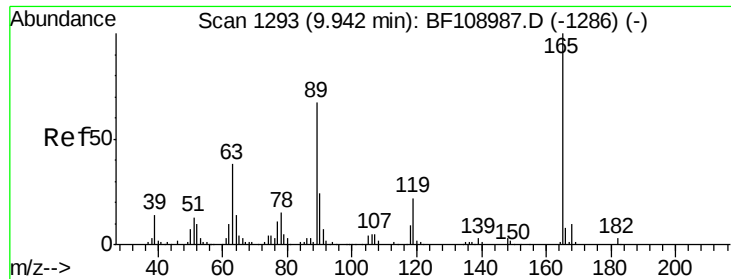


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

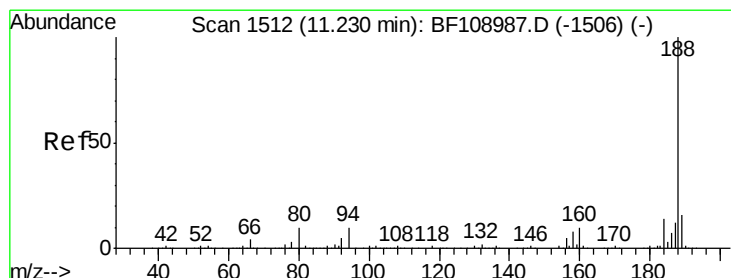
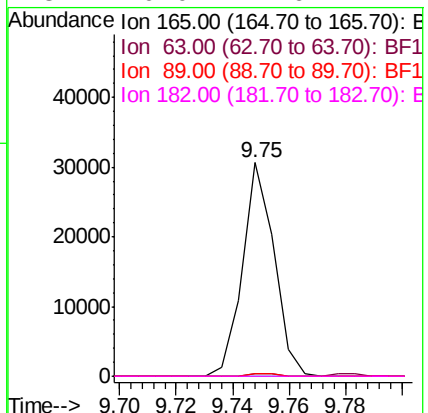
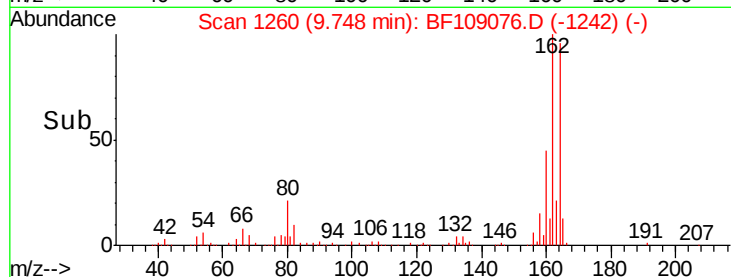
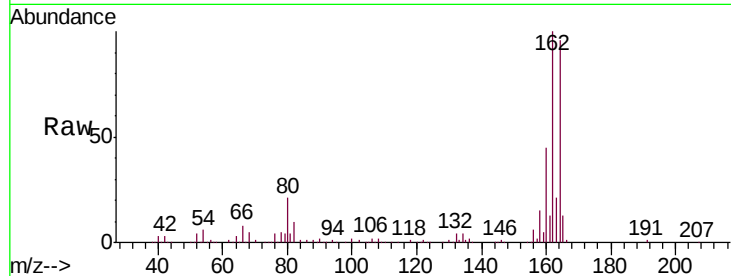




#56
 2,4-Dinitrotoluene
 Concen: 6.131 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109076.D
 Acq: 18 Sep 2018 4:55

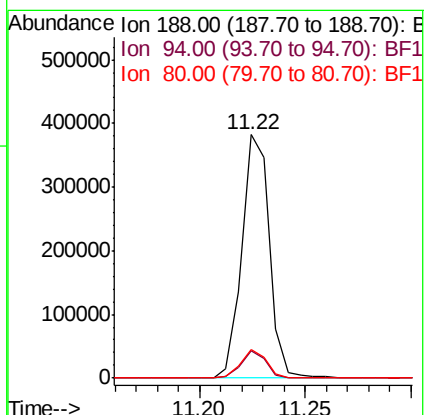
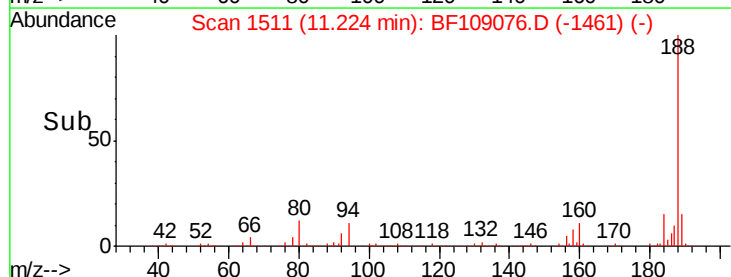
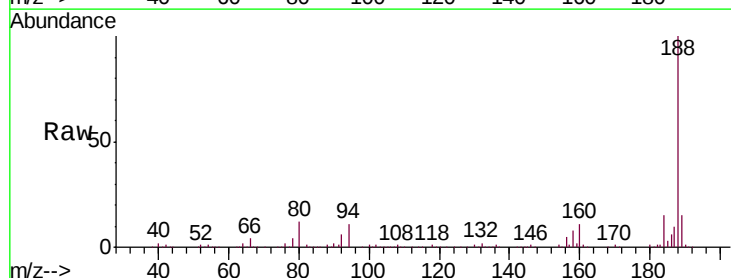
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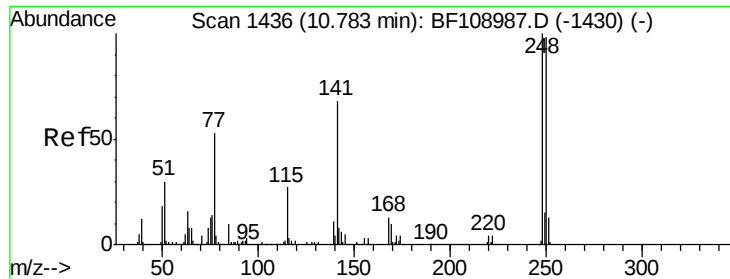
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109076.D
 Acq: 18 Sep 2018 4:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.7	9.2	13.8

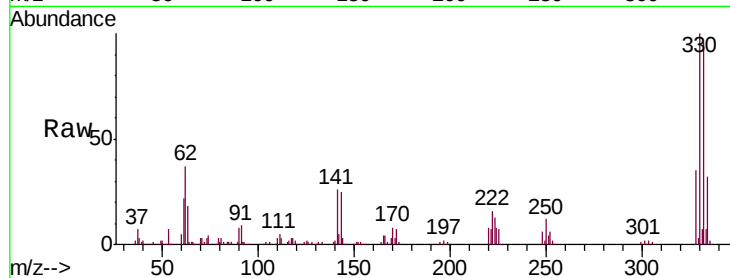




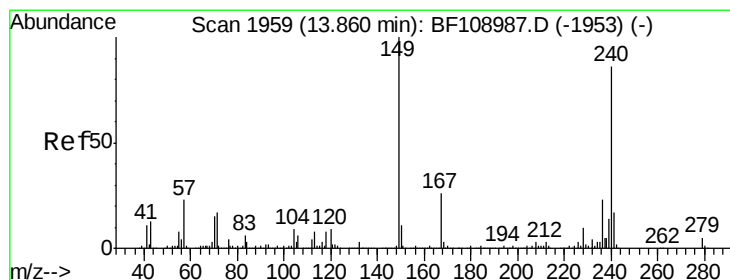
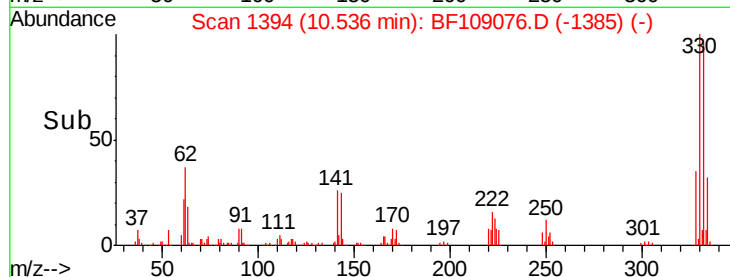
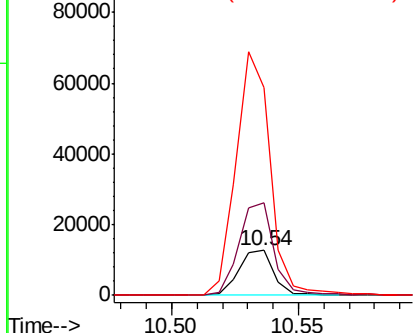
#66
4-Bromophenyl-phenylether
Concen: 3.119 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.25 min
Lab File: BF109076.D
Acq: 18 Sep 2018 4:55

Instrument :
BNA_F
ClientSampleId :
CBH-591(1)

Tgt Ion:248 Resp: 12112
Ion Ratio Lower Upper
248 100
250 206.1 76.9 115.3#
141 462.7 74.4 111.6#

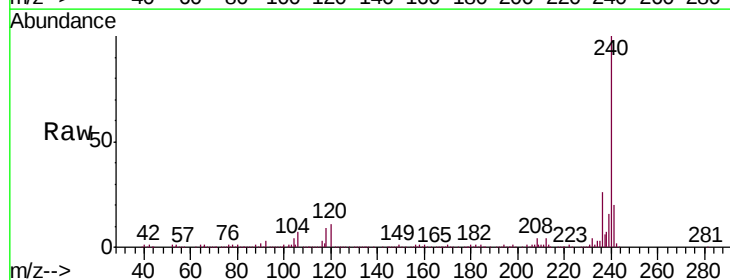


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

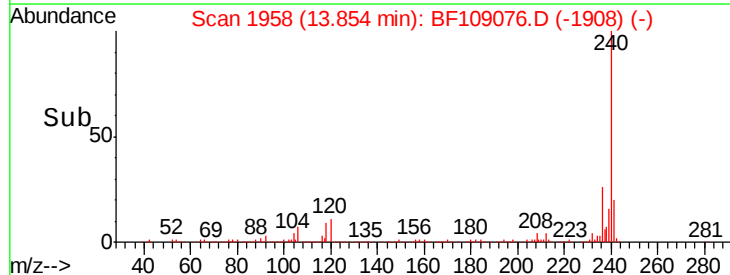
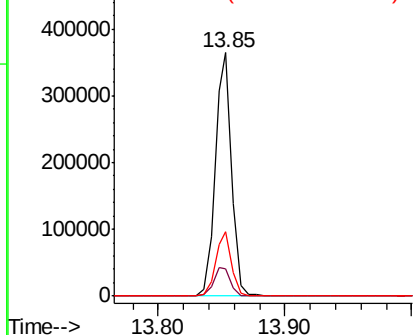


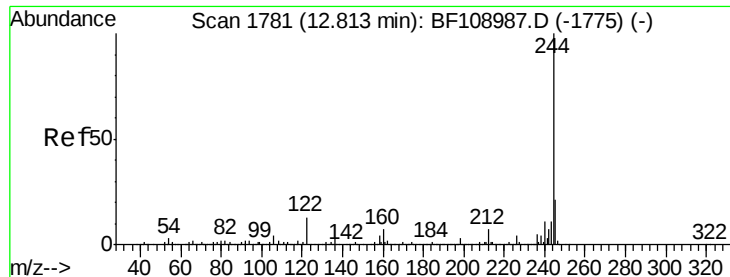
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BF109076.D
Acq: 18 Sep 2018 4:55

Tgt Ion:240 Resp: 330183
Ion Ratio Lower Upper
240 100
120 11.2 9.5 14.3
236 26.5 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

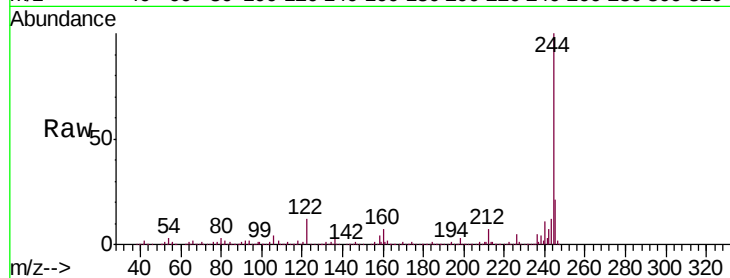




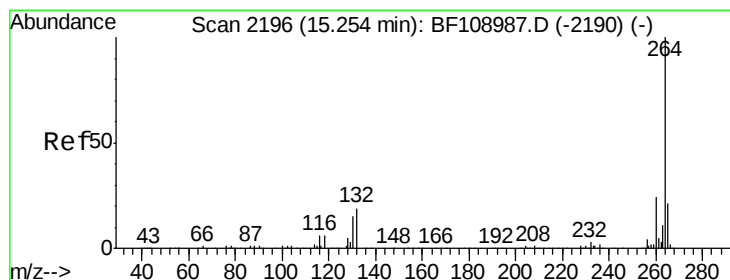
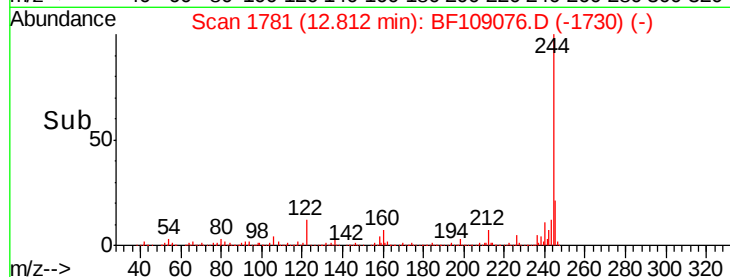
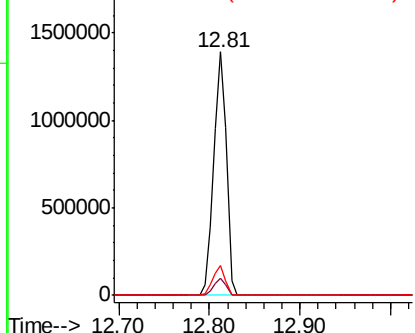
#78
 Terphenyl-d14
 Concen: 97.929 ng
 RT: 12.81 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BF109076.D
 Acq: 18 Sep 2018 4:55

Instrument :
 BNA_F
 ClientSampleId :
 CBH-591(1)

Tgt Ion:244 Resp: 1364166
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 12.2 11.0 16.4

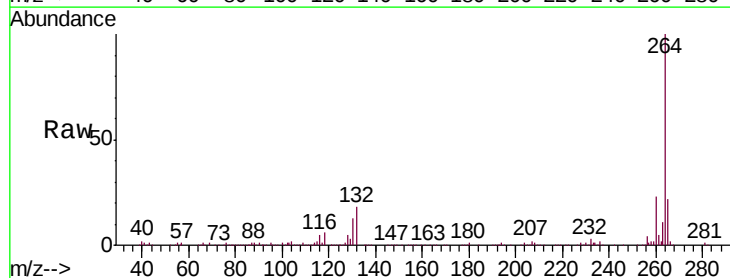


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BF109076.D
 Acq: 18 Sep 2018 4:55

Tgt Ion:264 Resp: 245432
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 22.0 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

