

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091718\
 Data File : BF109079.D
 Acq On : 18 Sep 2018 6:17
 Operator : JU/SJ
 Sample : J4907-07
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CBH-594(3)

Quant Time: Sep 18 06:43:22 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

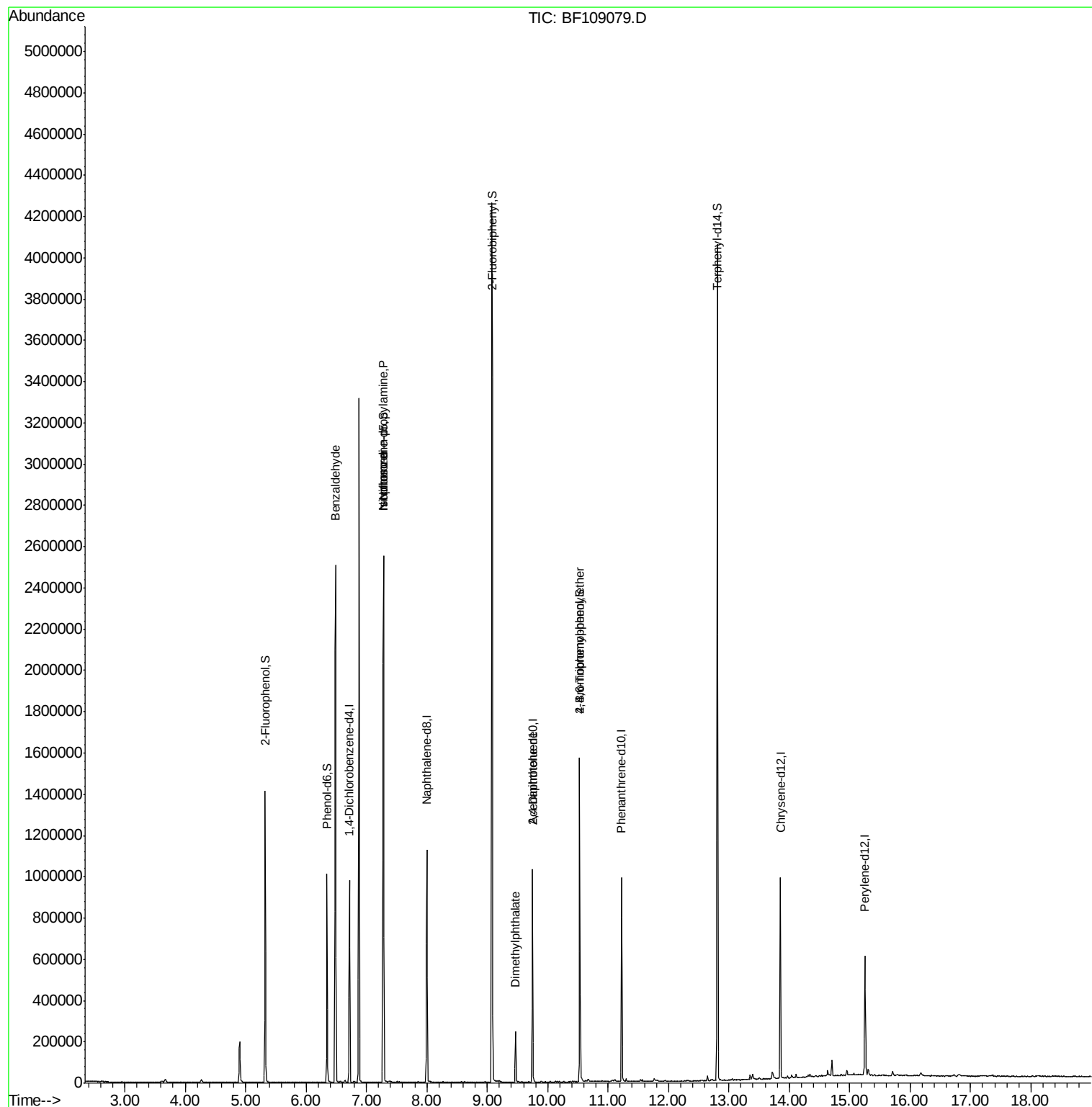
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	131269	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	451973	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	188622	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	345121	20.00	ng	0.00
75) Chrysene-d12	13.85	240	335426	20.00	ng	0.00
86) Perylene-d12	15.25	264	244239	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	365808	46.28	ng	0.00
7) Phenol-d6	6.35	99	285442	28.01	ng	-0.01
23) Nitrobenzene-d5	7.28	82	850360	105.53	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	204078	99.69	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1334675	110.86	ng	0.00
78) Terphenyl-d14	12.81	244	1357013	95.89	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	15192	2.334	ng	# 76
19) n-Nitroso-di-n-propylamine	7.28	70	115165	17.096	ng	# 77
25) Isophorone	7.28	82	845118	61.011	ng	# 64
49) Dimethylphthalate	9.47	163	95143	7.057	ng	# 98
56) 2,4-Dinitrotoluene	9.75	165	24397	6.240	ng	# 22
66) 4-Bromophenyl-phenylether	10.54	248	12592	3.236	ng	# 1

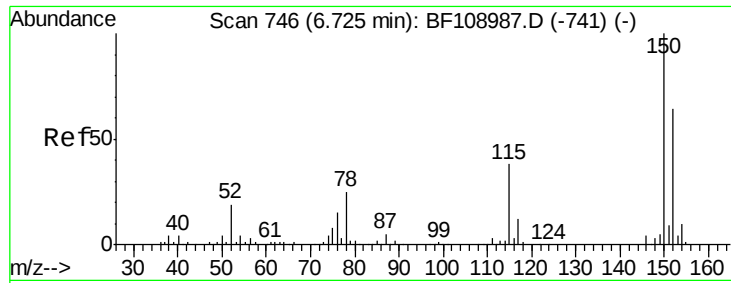
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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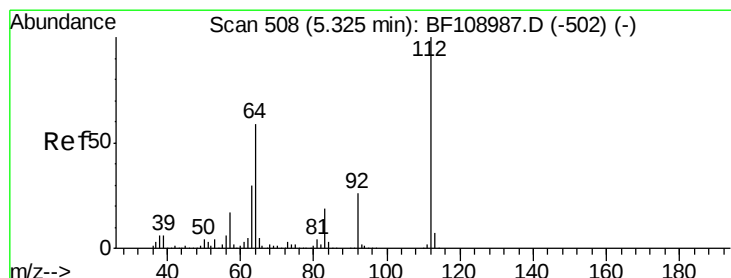
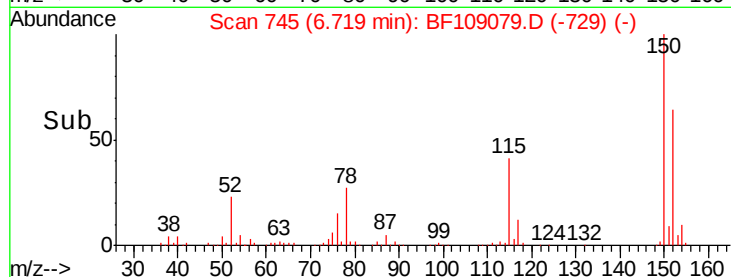
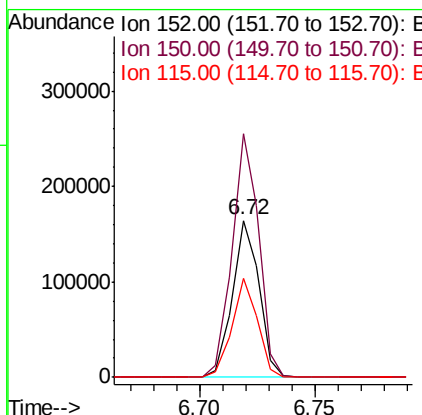
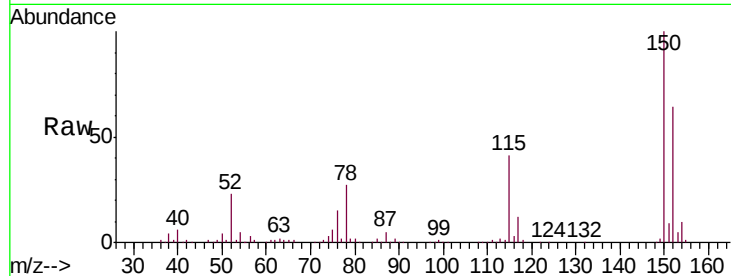




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109079.D
 Acq: 18 Sep 2018 6:17

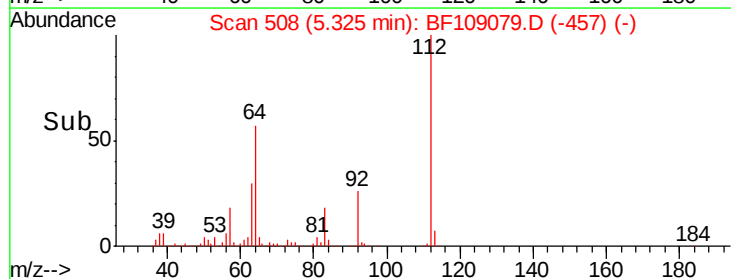
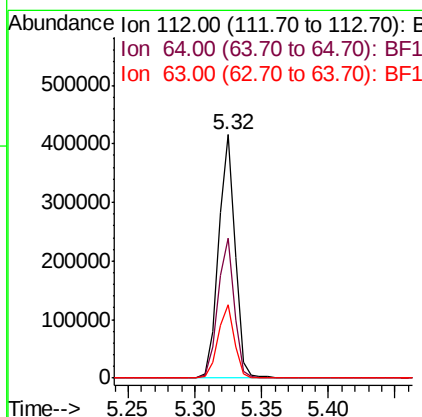
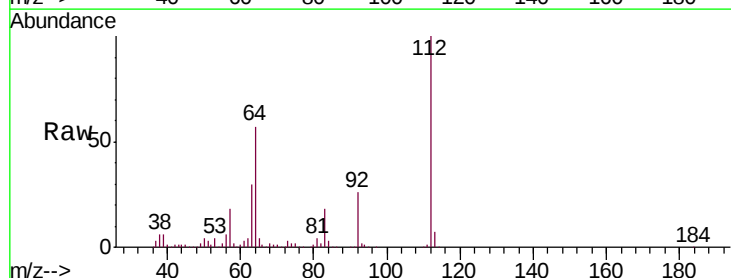
Instrument :
 BNA_F
 ClientSampleId :
 CBH-594(3)

Tgt Ion:152 Resp: 131269
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.6 186.8
 115 63.2 50.1 75.1



#5
 2-Fluorophenol
 Concen: 46.284 ng
 RT: 5.32 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF109079.D
 Acq: 18 Sep 2018 6:17

Tgt Ion:112 Resp: 365808
 Ion Ratio Lower Upper
 112 100
 64 57.4 47.9 71.9
 63 30.1 23.7 35.5





#7

Phenol-d6

Concen: 28.008 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109079.D

Acq: 18 Sep 2018 6:17

Instrument :

BNA_F

ClientSampleId :

CBH-594(3)

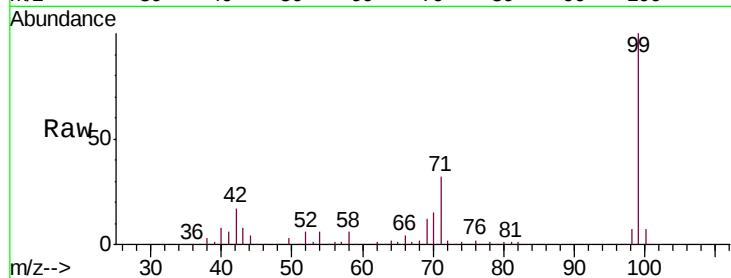
Tgt Ion: 99 Resp: 285442

Ion Ratio Lower Upper

99 100

42 17.1 14.5 21.7

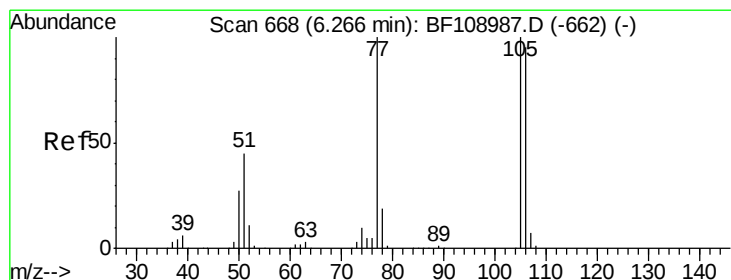
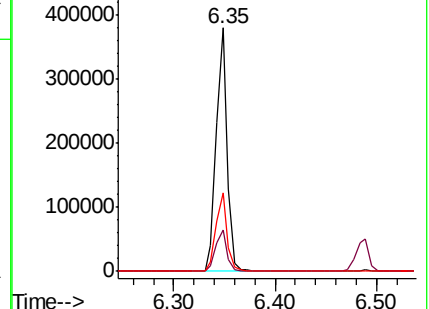
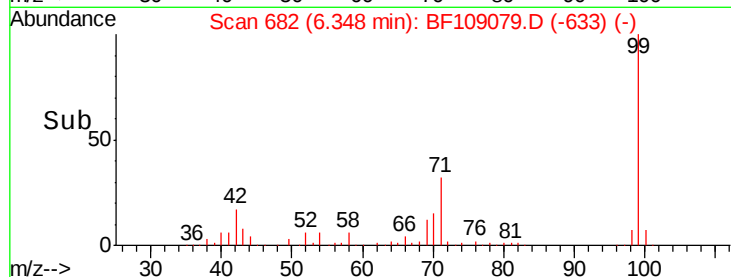
71 32.2 25.4 38.0



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: 2.334 ng

RT: 6.49 min Scan# 706

Delta R.T. 0.22 min

Lab File: BF109079.D

Acq: 18 Sep 2018 6:17

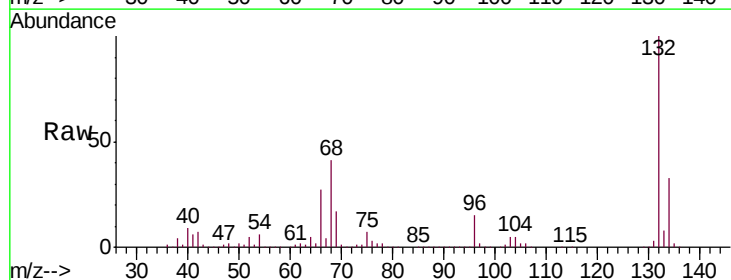
Tgt Ion: 77 Resp: 15192

Ion Ratio Lower Upper

77 100

105 78.1 81.1 121.1#

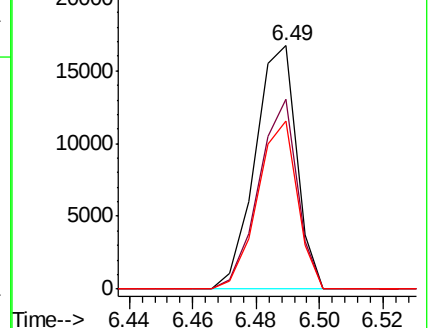
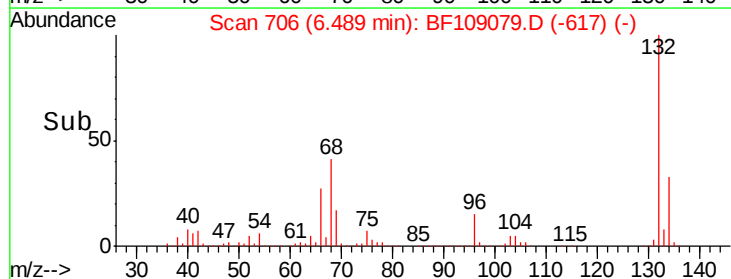
106 69.2 74.5 114.5#

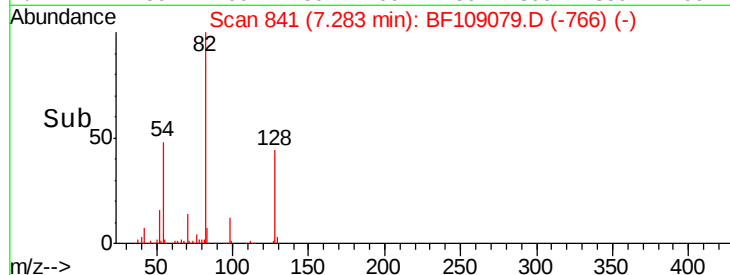
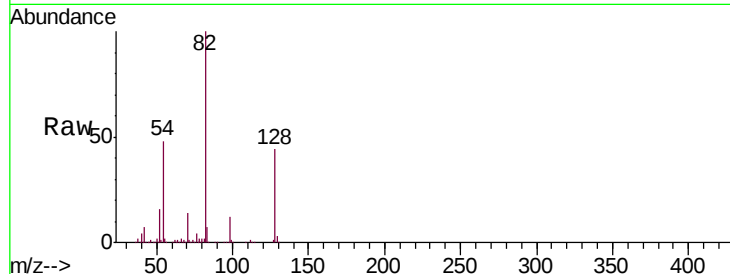
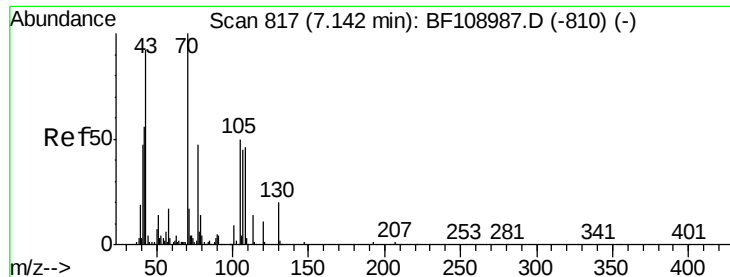


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

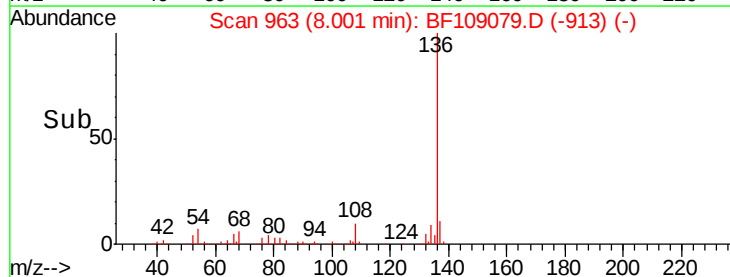
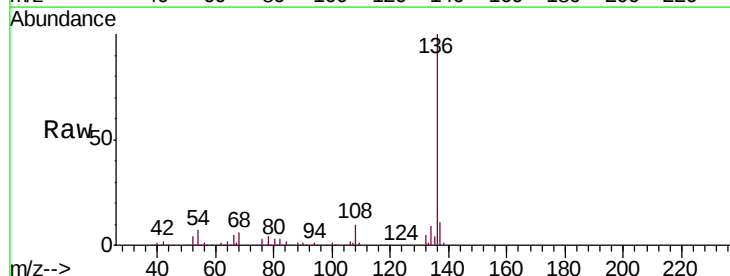
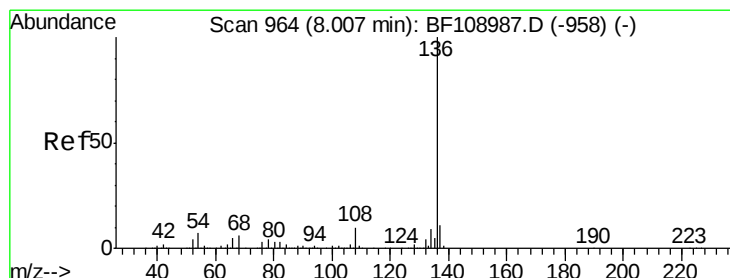
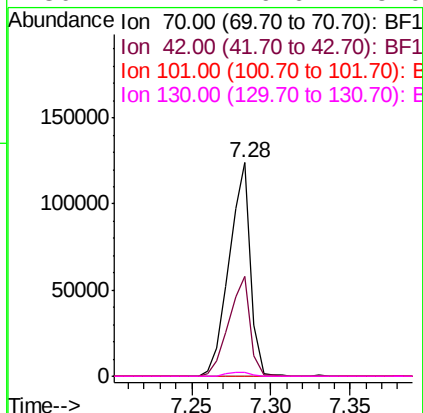




#19
n-Nitroso-di-n-propylamine
Concen: 17.096 ng
RT: 7.28 min Scan# 841
Delta R.T. 0.14 min
Lab File: BF109079.D
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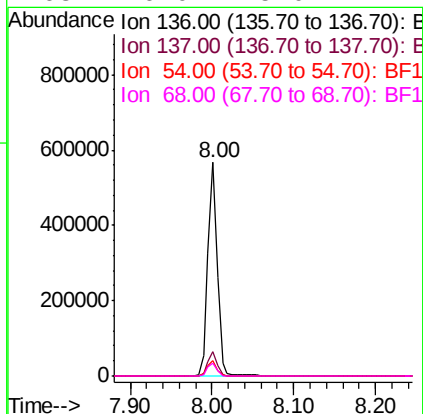
Instrument :
BNA_F
ClientSampleId :
CBH-594(3)

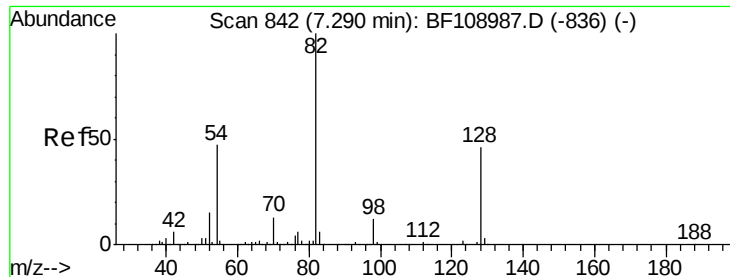
Tgt Ion:	70	Resp:	115165
Ion	Ratio	Lower	Upper
70	100		
42	46.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109079.D
Acq: 18 Sep 2018 6:17

Tgt Ion:	136	Resp:	451973
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.3	6.6	9.8
68	6.0	5.0	7.4

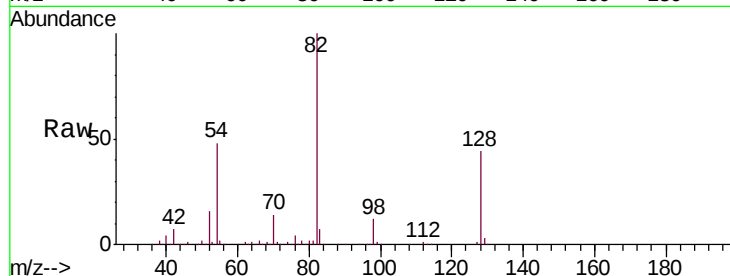




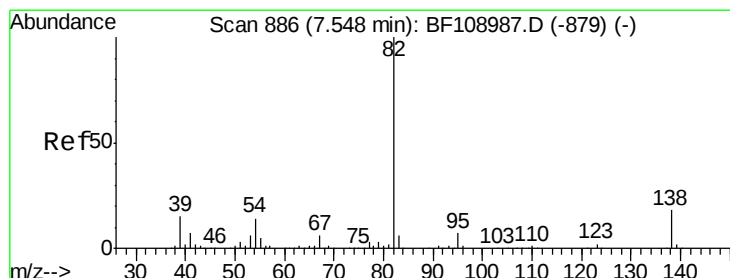
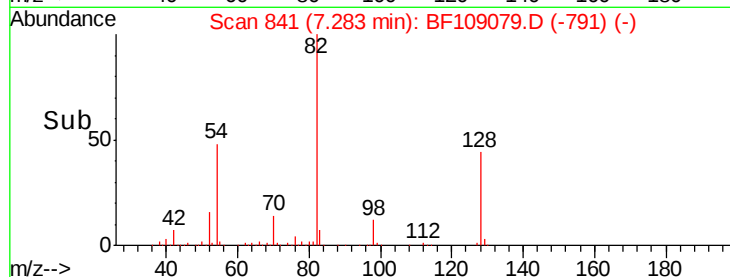
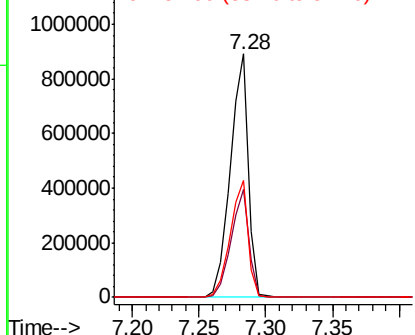
#23
Nitrobenzene-d5
Concen: 105.527 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109079.D
Acq: 18 Sep 2018 6:17

Instrument :
BNA_F
ClientSampleId :
CBH-594(3)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	48.0	41.4	62.2

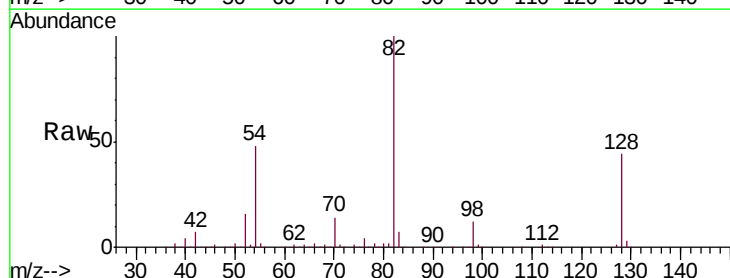


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

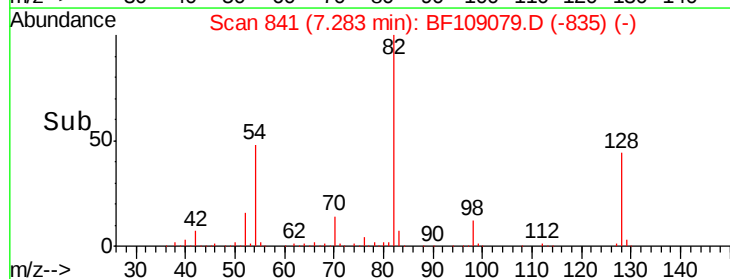
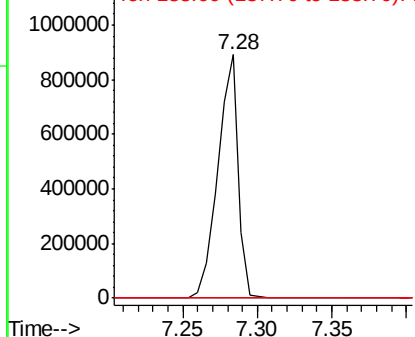


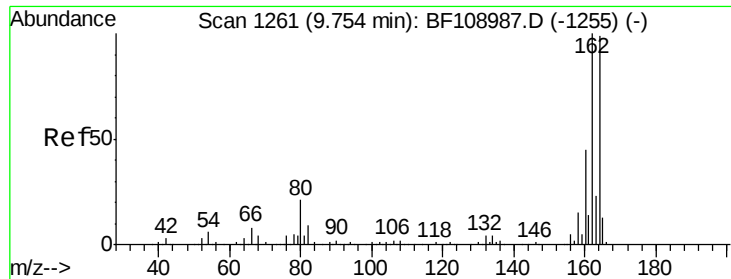
#25
Isophorone
Concen: 61.011 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.26 min
Lab File: BF109079.D
Acq: 18 Sep 2018 6:17

Tgt 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

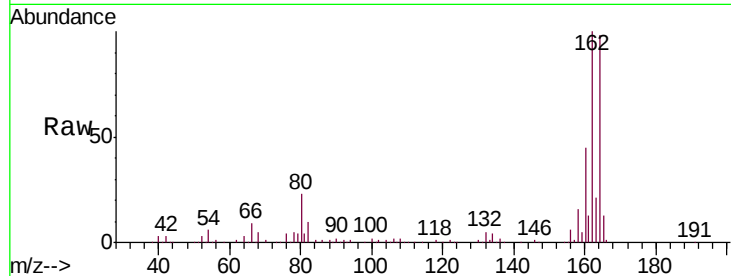




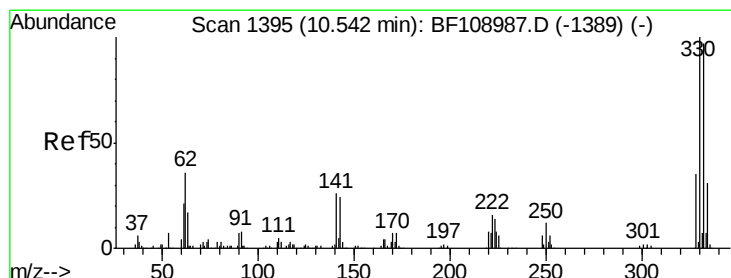
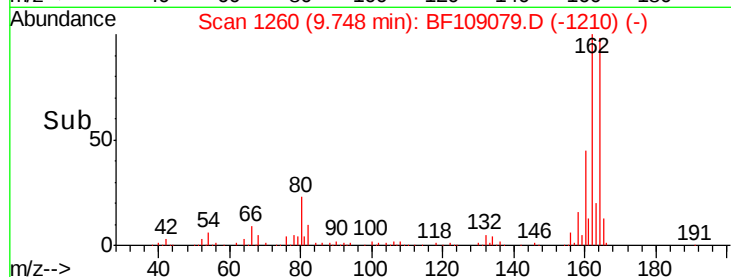
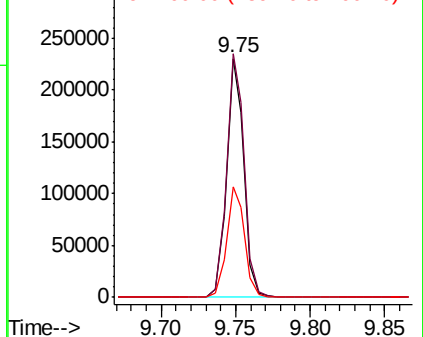
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109079.D
Acq: 18 Sep 2018 6:17

Instrument :
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ClientSampleId :
CBH-594(3)

Tgt Ion:164 Resp: 188622
Ion Ratio Lower Upper
164 100
162 102.1 86.1 129.1
160 46.1 38.3 57.5

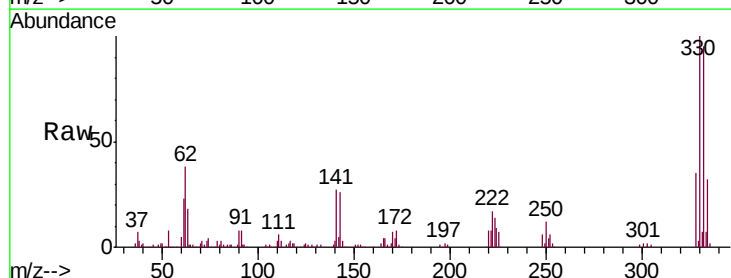


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

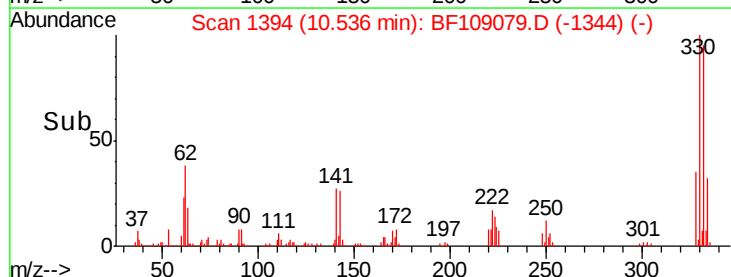
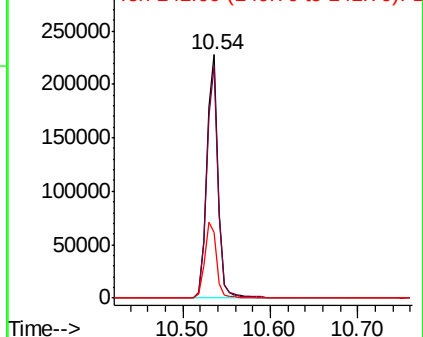


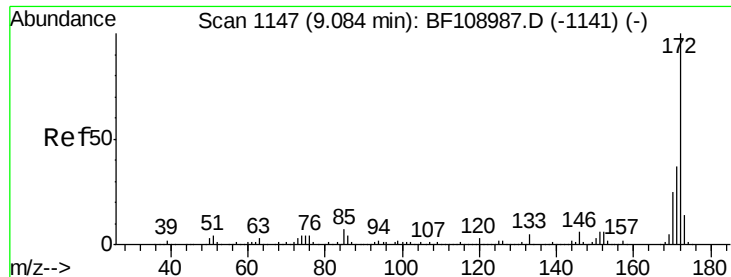
#41
2,4,6-Tribromophenol
Concen: 99.694 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF109079.D
Acq: 18 Sep 2018 6:17

Tgt Ion:330 Resp: 204078
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.6
141 32.7 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

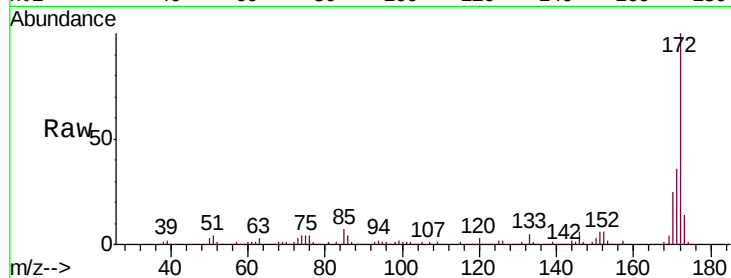




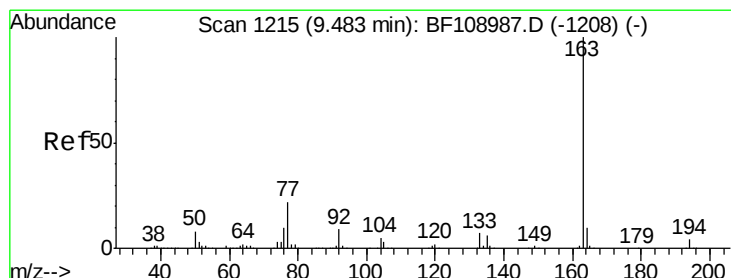
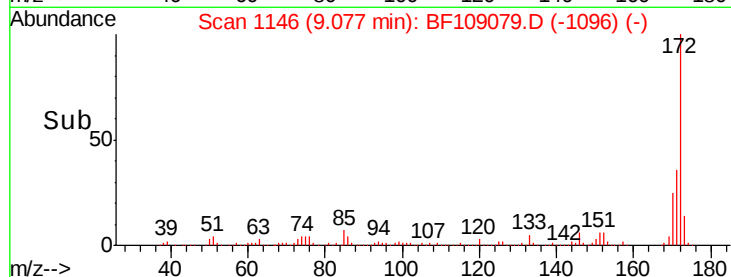
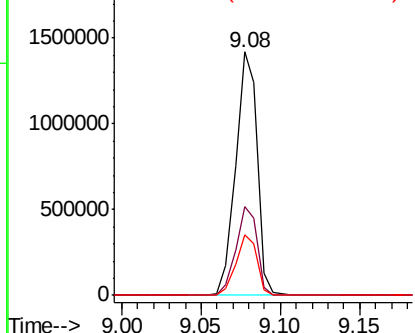
#44
 2-Fluorobiphenyl
 Concen: 110.861 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109079.D
 Acq: 18 Sep 2018 6:17

Instrument :
 BNA_F
 ClientSampleId :
 CBH-594(3)

Tgt Ion:172 Resp: 1334675
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.8 19.6 29.4

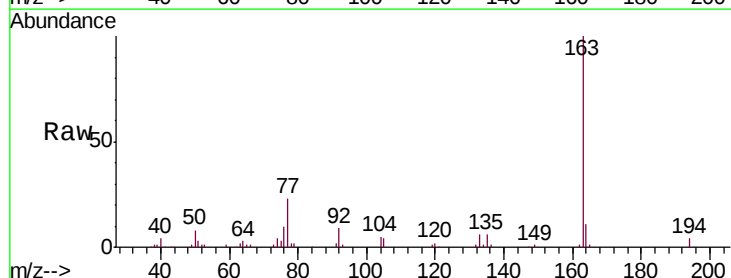


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

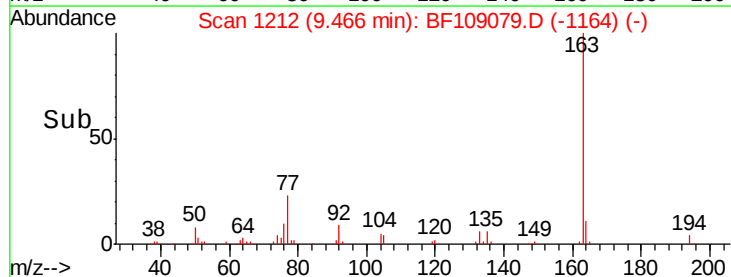
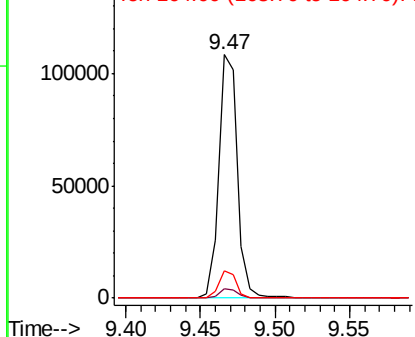


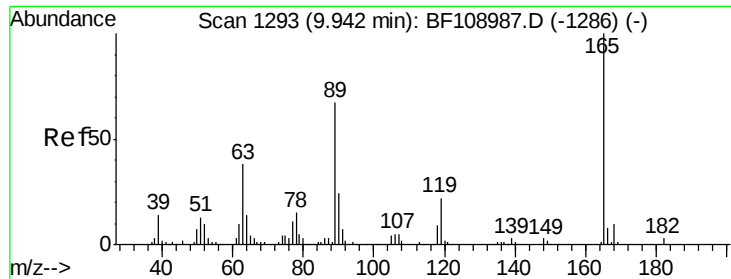
#49
 Dimethylphthalate
 Concen: 7.057 ng
 RT: 9.47 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF109079.D
 Acq: 18 Sep 2018 6:17

Tgt Ion:163 Resp: 95143
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.7 4.1
 164 11.1 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

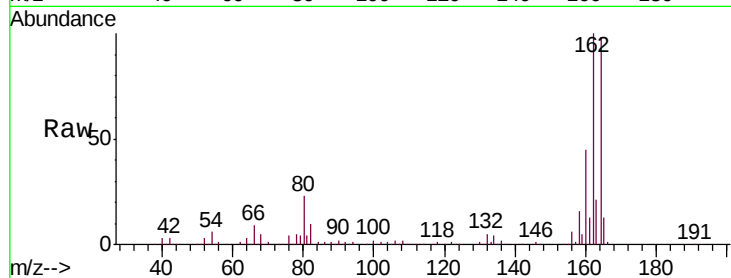




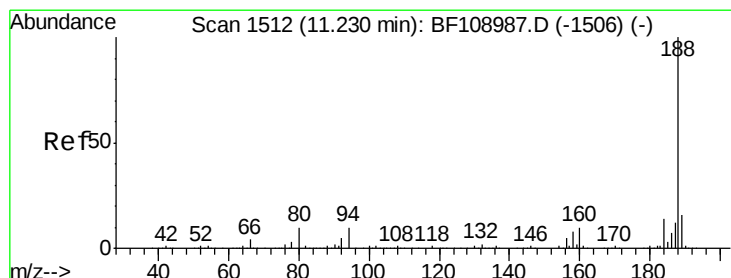
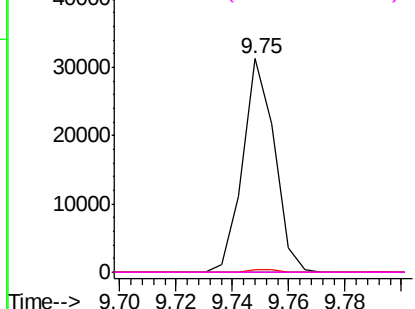
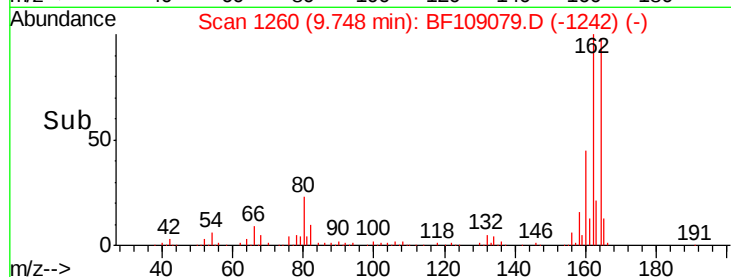
#56
 2,4-Dinitrotoluene
 Concen: 6.240 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109079.D
 Acq: 18 Sep 2018 6:17

Instrument :
 BNA_F
 ClientSampleId :
 CBH-594(3)

Tgt Ion:	165	Resp:	24397
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

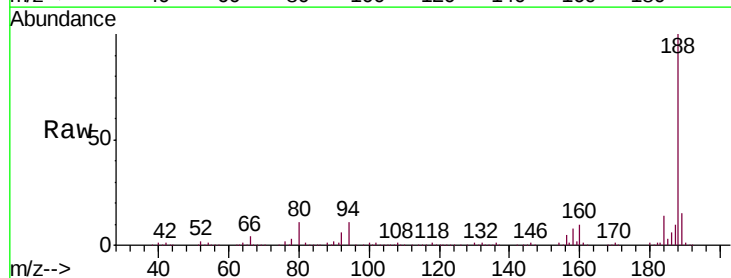


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

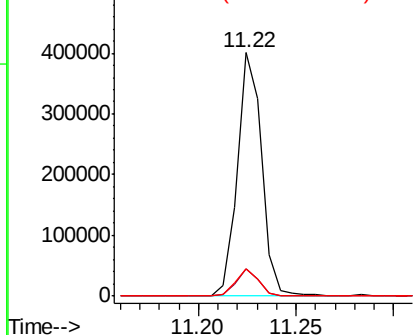
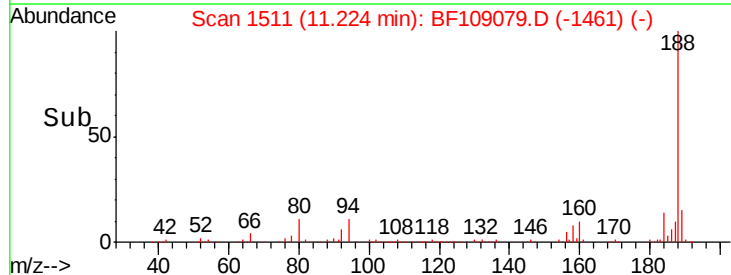


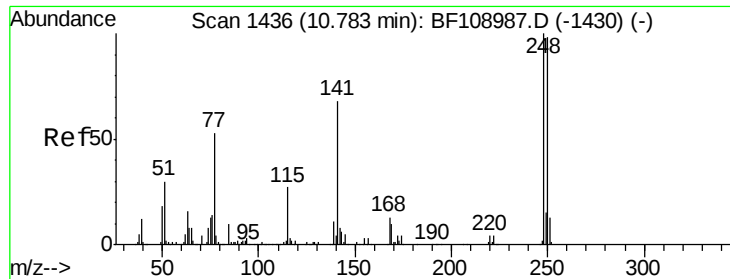
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109079.D
 Acq: 18 Sep 2018 6:17

Tgt Ion:	188	Resp:	345121
Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	11.1	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

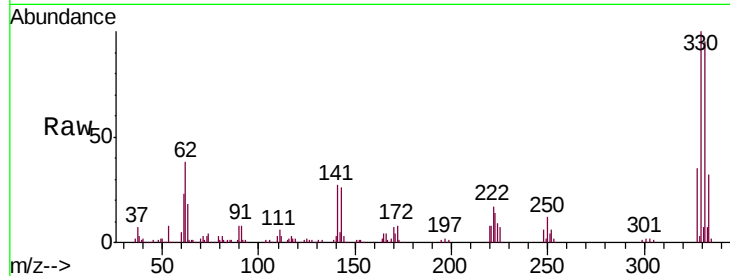




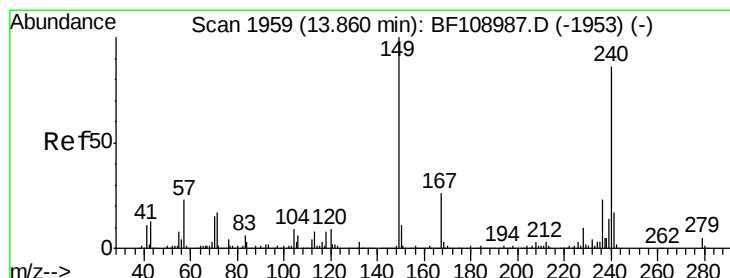
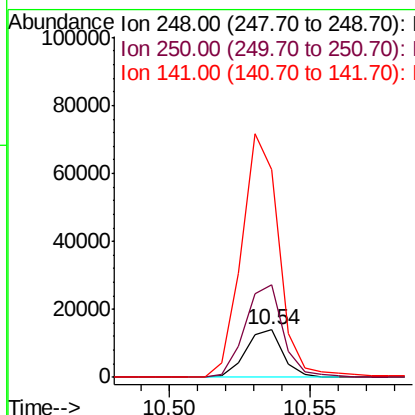
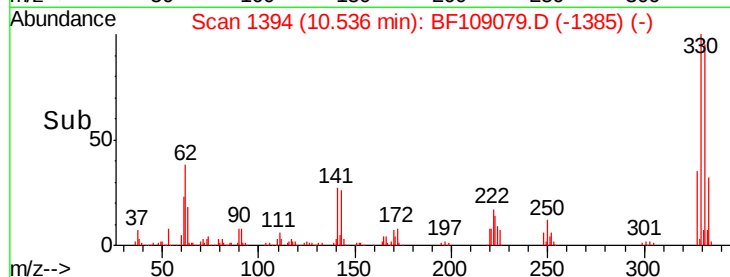
#66
4-Bromophenyl-phenylether
Concen: 3.236 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.25 min
Lab File: BF109079.D
Acq: 18 Sep 2018 6:17

Instrument :
BNA_F
ClientSampleId :
CBH-594(3)

Tgt Ion:248 Resp: 12592
Ion Ratio Lower Upper
248 100
250 197.2 76.9 115.3#
141 441.6 74.4 111.6#

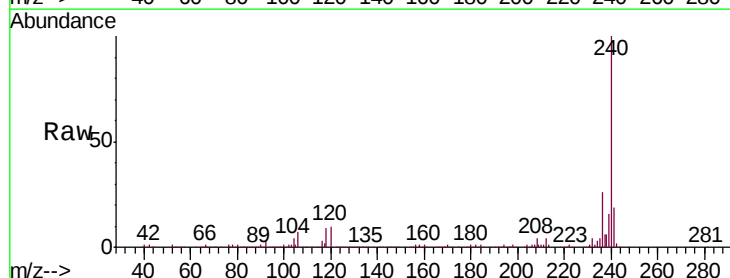


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

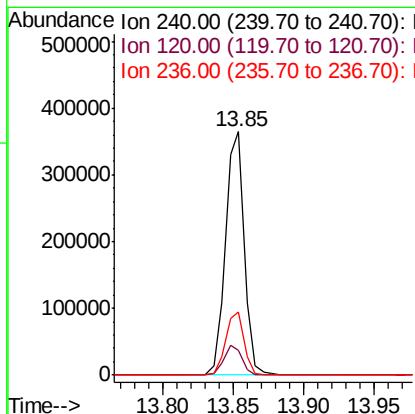
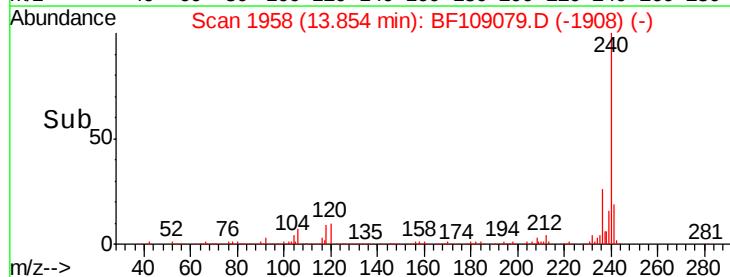


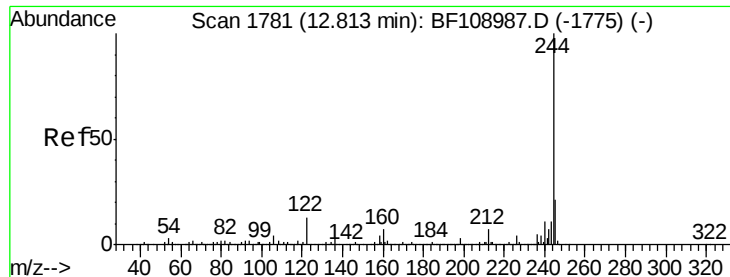
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BF109079.D
Acq: 18 Sep 2018 6:17

Tgt Ion:240 Resp: 335426
Ion Ratio Lower Upper
240 100
120 10.4 9.5 14.3
236 26.0 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: 95.892 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109079.D

Acq: 18 Sep 2018 6:17

Instrument :

BNA_F

ClientSampleId :

CBH-594(3)

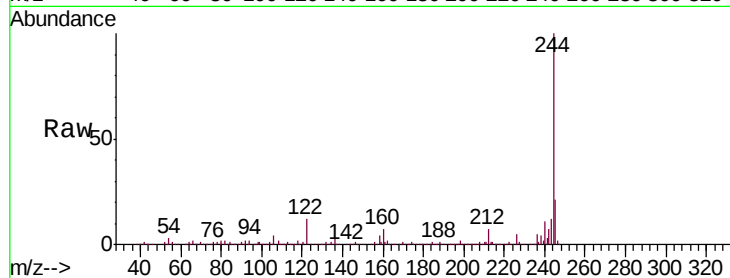
Tgt Ion:244 Resp: 1357013

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

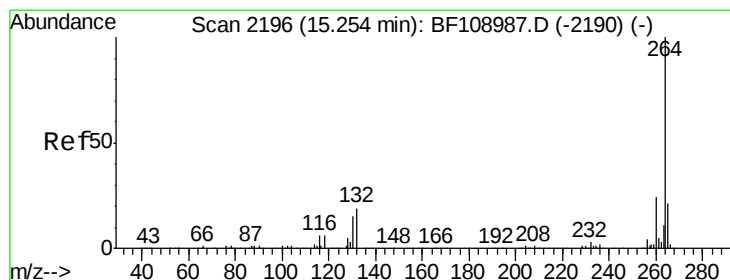
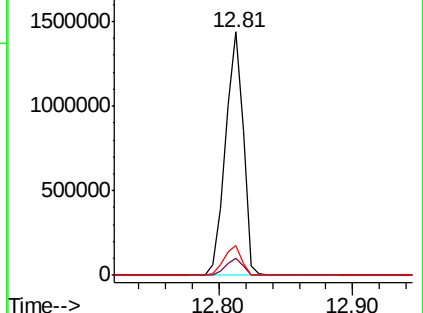
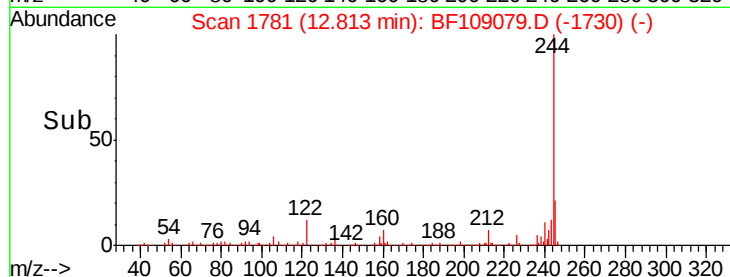
122 12.2 11.0 16.4



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: BF109079.D

Acq: 18 Sep 2018 6:17

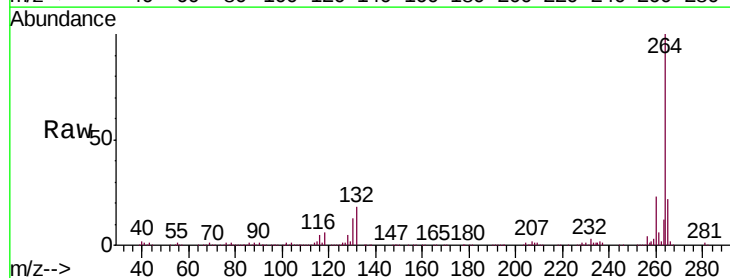
Tgt Ion:264 Resp: 244239

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.6 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

