

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111218\
 Data File : BF110693.D
 Acq On : 12 Nov 2018 23:49
 Operator : JU/SJ
 Sample : J5766-01 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-110918

Quant Time: Nov 13 05:42:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

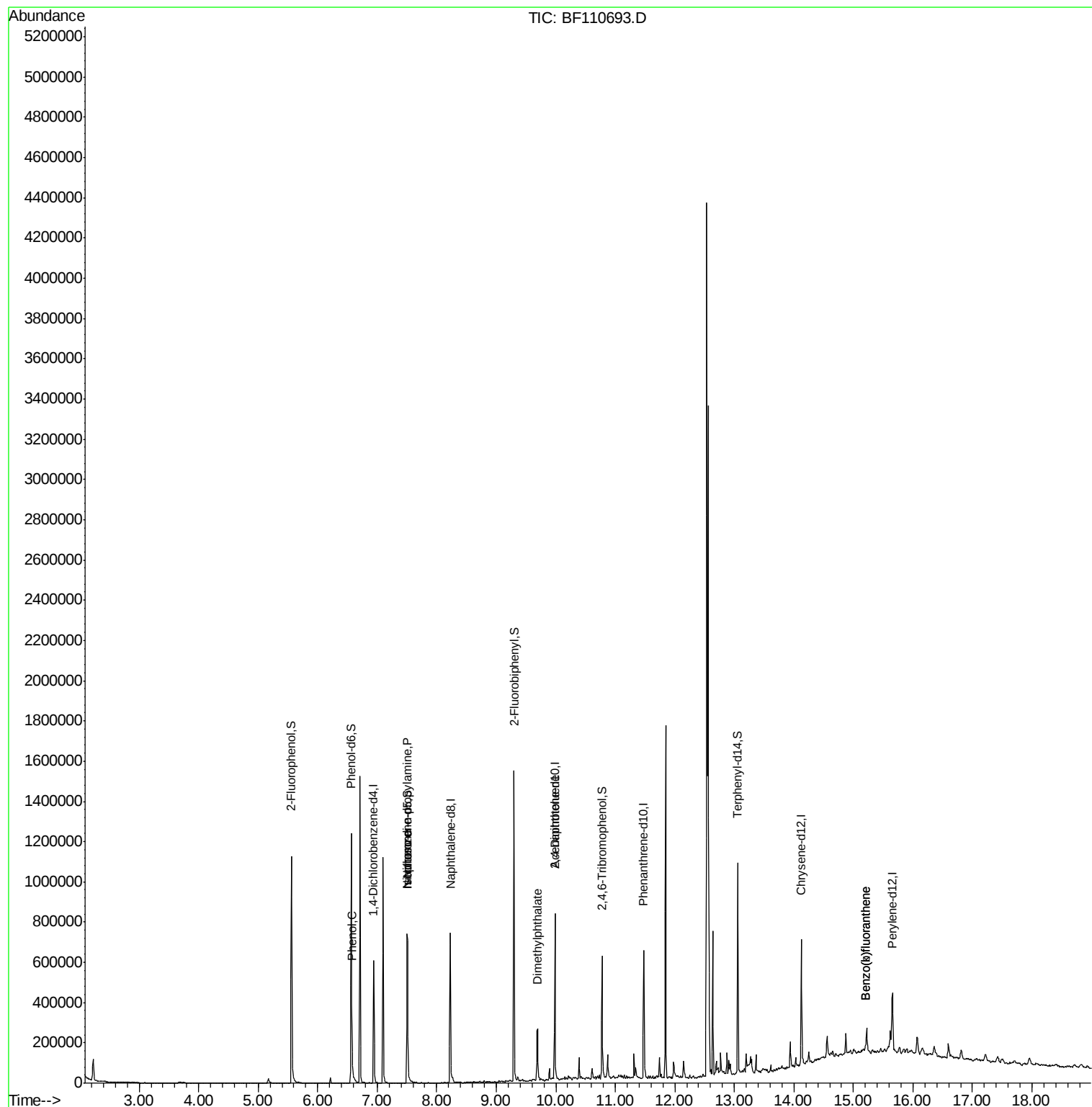
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	97464	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	392196	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	165993	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	253512	20.00	ng	0.00
76) Chrysene-d12	14.13	240	185850	20.00	ng	-0.01
87) Perylene-d12	15.66	264	140583	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	339626	56.60	ng	0.00
7) Phenol-d6	6.57	99	443225	57.76	ng	0.00
23) Nitrobenzene-d5	7.50	82	277452	40.74	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	72146	43.13	ng	-0.01
45) 2-Fluorobiphenyl	9.30	172	465669	40.07	ng	0.00
79) Terphenyl-d14	13.06	244	315754	31.82	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.56	77	727	Below Cal	Qvalue	# 1
10) Phenol	6.58	94	21137	2.376 ng	#	71
19) n-Nitroso-di-n-propylamine	7.50	70	36060	7.362 ng	#	82
25) Isophorone	7.50	82	277450	24.857 ng	#	67
50) Dimethylphthalate	9.69	163	110009	8.882 ng		100
57) 2,4-Dinitrotoluene	9.99	165	21438	6.051 ng	#	20
88) Benzo(b)fluoranthene	15.20	252	18217	2.166 ng	#	76
89) Benzo(k)fluoranthene	15.20	252	18217	2.192 ng	#	75

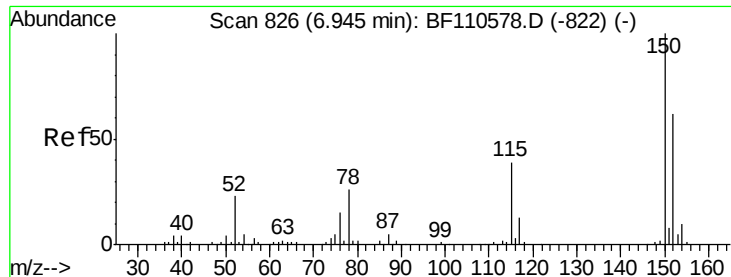
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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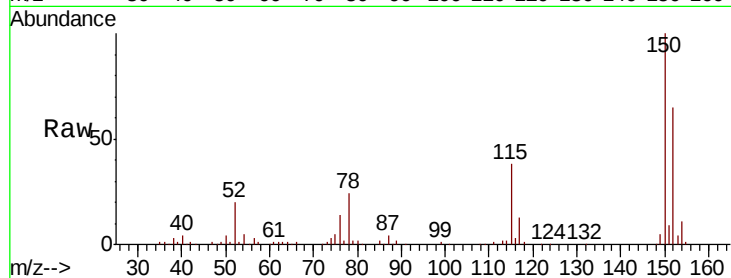


#1

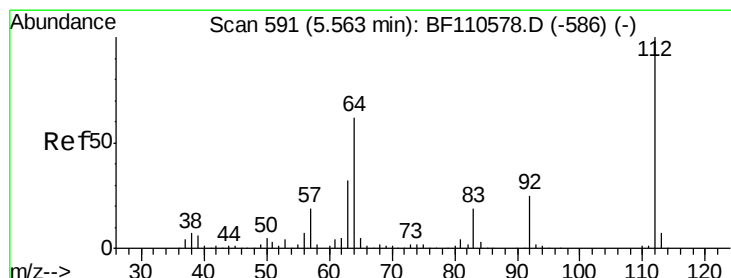
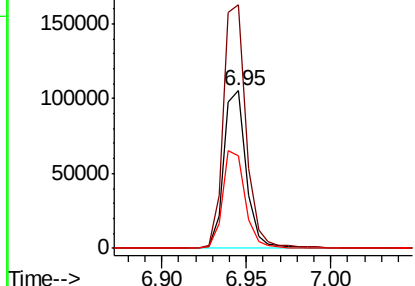
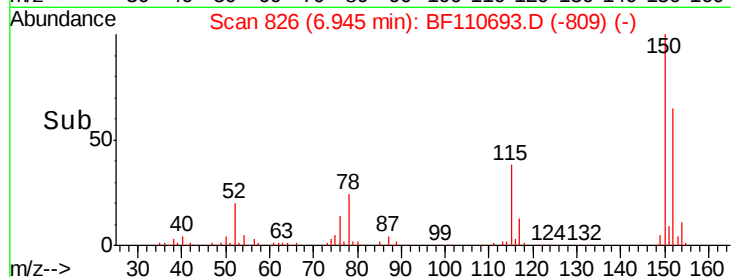
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110693.D
Acq: 12 Nov 2018 23:49

Instrument :
BNA_F
ClientSampleId :
HD-01-110918

Tgt Ion:152 Resp: 97464
Ion Ratio Lower Upper
152 100
150 154.7 122.7 184.1
115 58.9 49.1 73.7



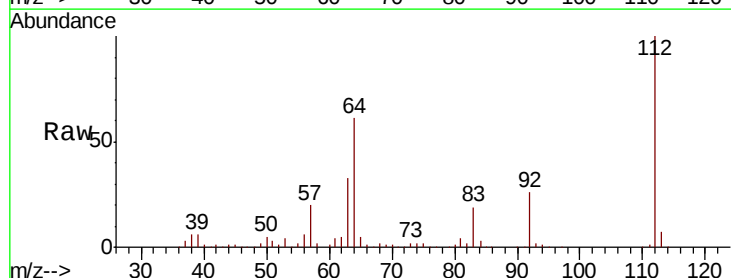
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



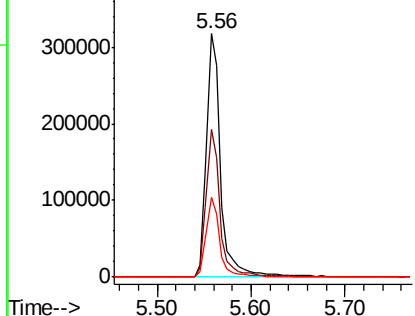
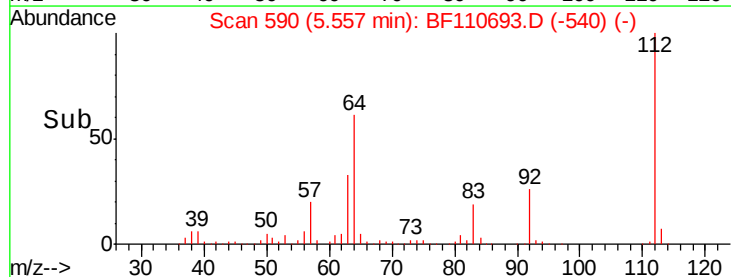
#5

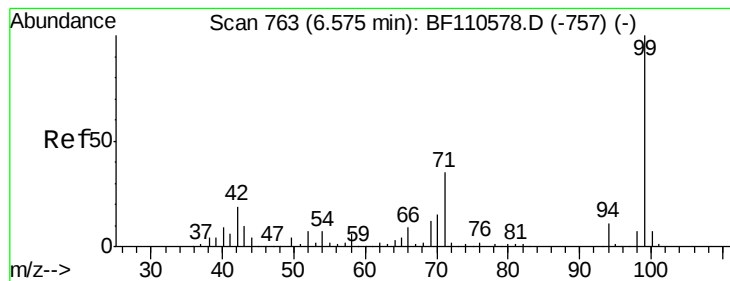
2-Fluorophenol
Concen: 56.601 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110693.D
Acq: 12 Nov 2018 23:49

Tgt Ion:112 Resp: 339626
Ion Ratio Lower Upper
112 100
64 60.6 44.1 66.1
63 32.9 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: 57.765 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110693.D

Acq: 12 Nov 2018 23:49

Instrument :

BNA_F

ClientSampleId :

HD-01-110918

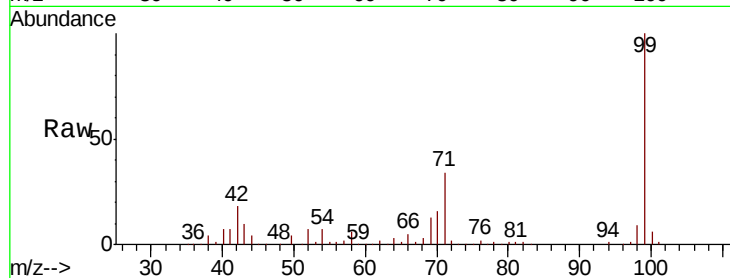
Tgt Ion: 99 Resp: 443225

Ion Ratio Lower Upper

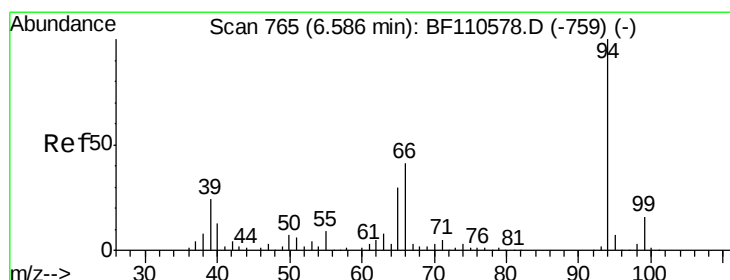
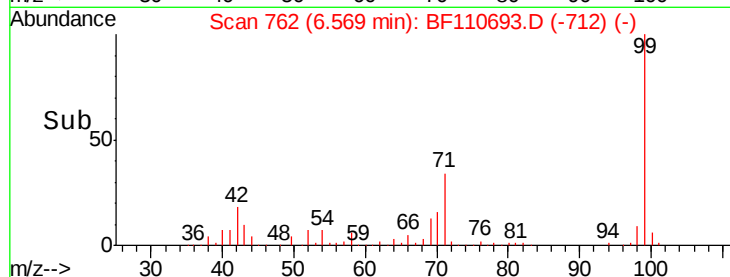
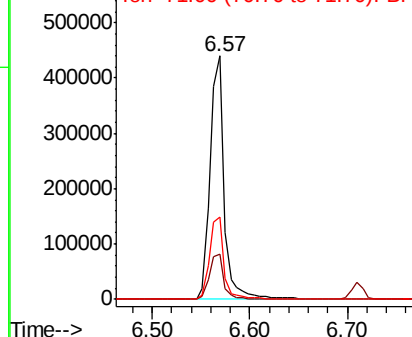
99 100

42 18.4 15.8 23.6

71 33.6 28.0 42.0



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



#10

Phenol

Concen: 2.376 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110693.D

Acq: 12 Nov 2018 23:49

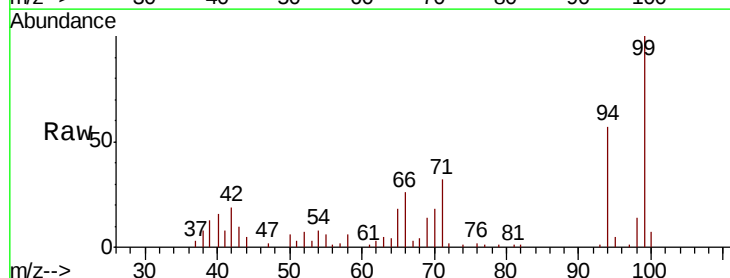
Tgt Ion: 94 Resp: 21137

Ion Ratio Lower Upper

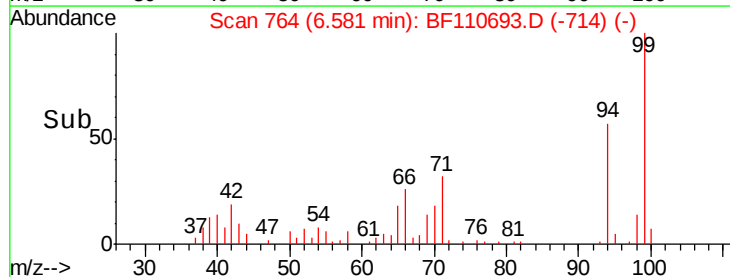
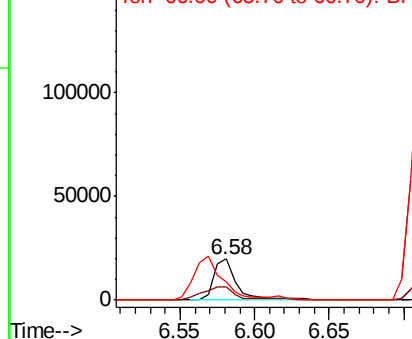
94 100

65 31.4 25.3 65.3

66 45.9 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

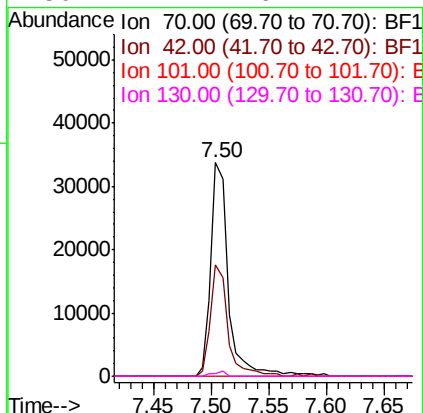
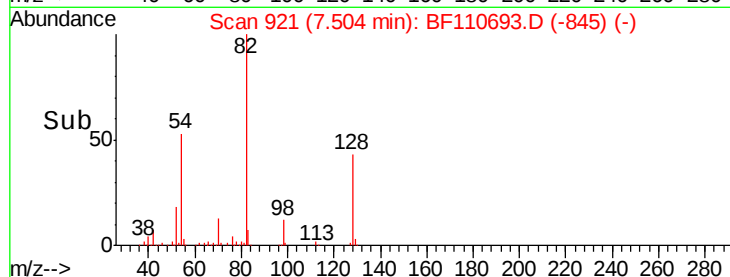
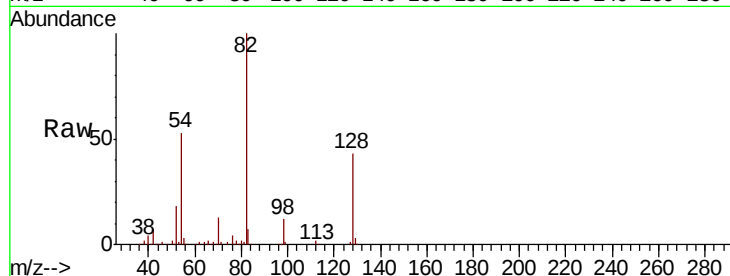




#19
n-Nitroso-di-n-propylamine
Concen: 7.362 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.15 min
Lab File: BF110693.D
Acq: 12 Nov 2018 23:49

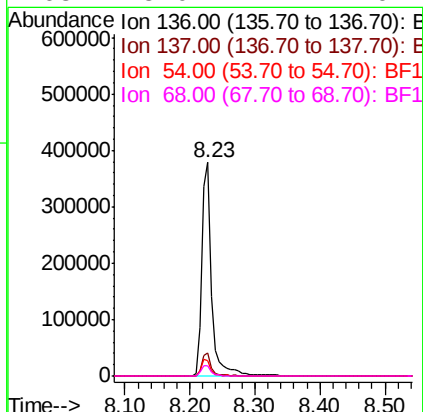
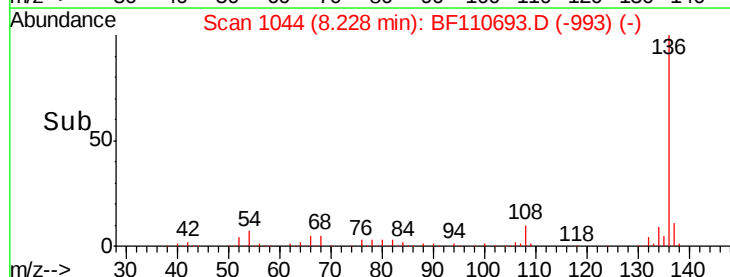
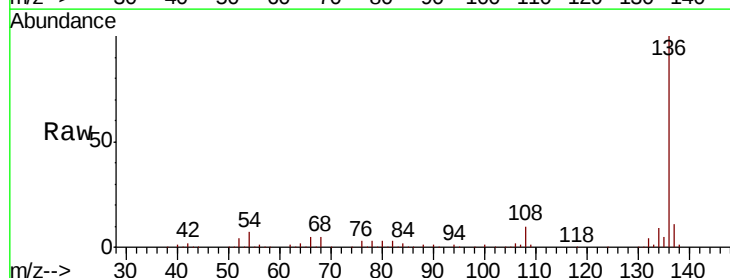
Instrument :
BNA_F
ClientSampleId :
HD-01-110918

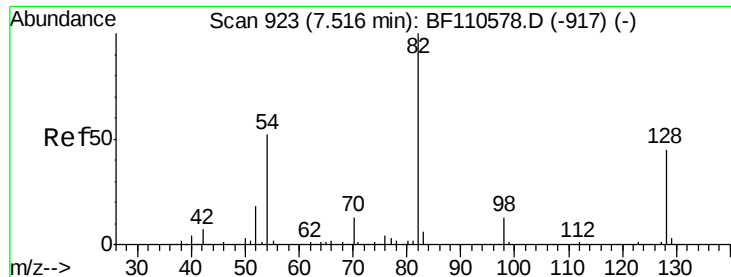
Tgt Ion: 70 Resp: 36060
Ion Ratio Lower Upper
70 100
42 52.0 47.4 71.2
101 0.0 7.3 10.9#
130 1.4 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110693.D
Acq: 12 Nov 2018 23:49

Tgt Ion: 136 Resp: 392196
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.2 5.4 8.2
68 5.0 4.2 6.2

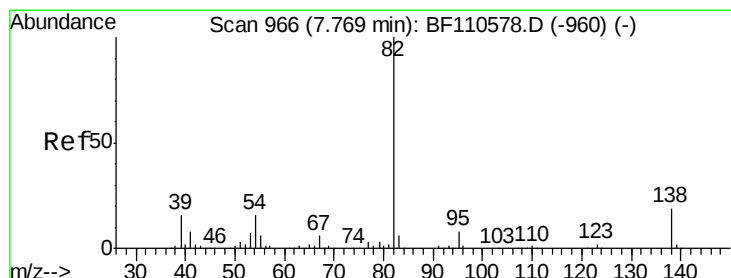
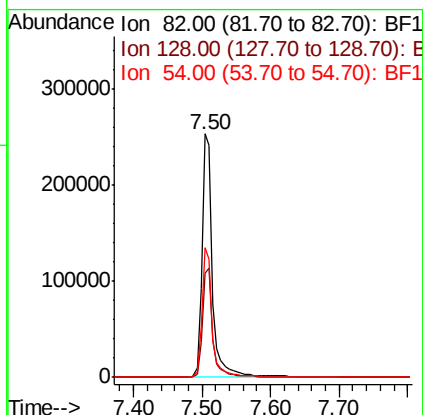
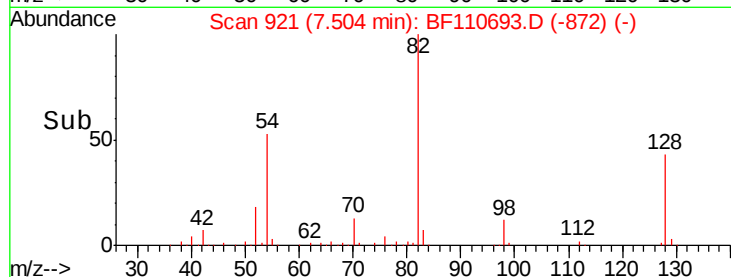
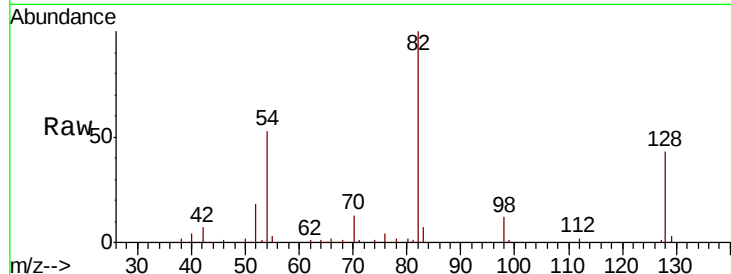




#23
 Nitrobenzene-d5
 Concen: 40.741 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF110693.D
 Acq: 12 Nov 2018 23:49

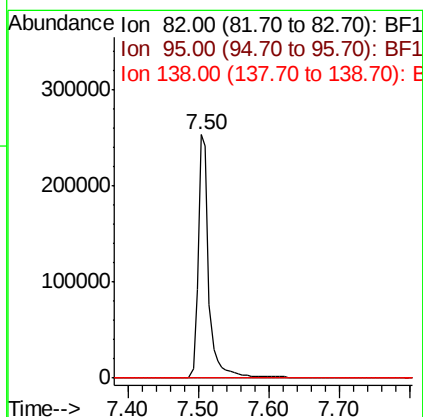
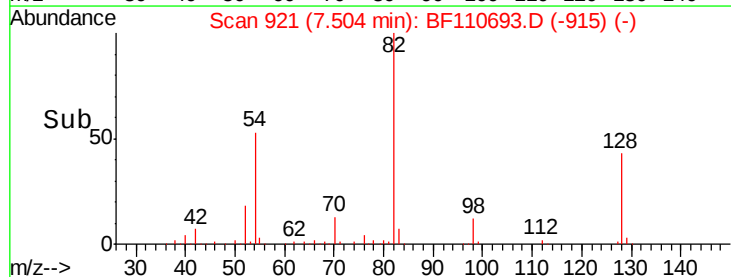
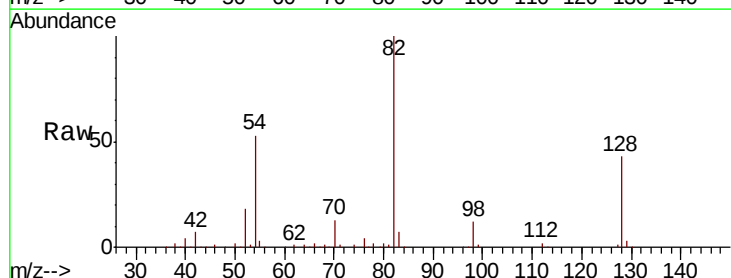
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-110918

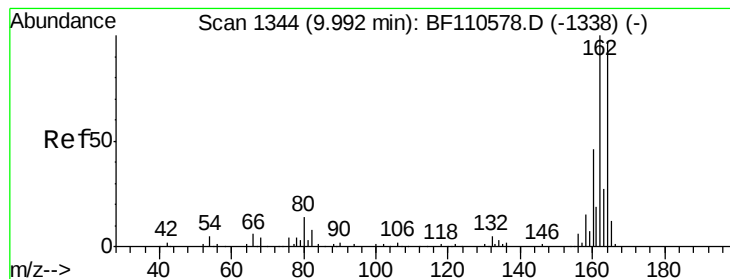
Tgt Ion: 82 Resp: 277452
 Ion Ratio Lower Upper
 82 100
 128 43.0 34.2 51.2
 54 53.5 38.6 58.0



#25
 Isophorone
 Concen: 24.857 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.26 min
 Lab File: BF110693.D
 Acq: 12 Nov 2018 23:49

Tgt Ion: 82 Resp: 277450
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 13.2 19.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110693.D

Acq: 12 Nov 2018 23:49

Instrument :

BNA_F

ClientSampleId :

HD-01-110918

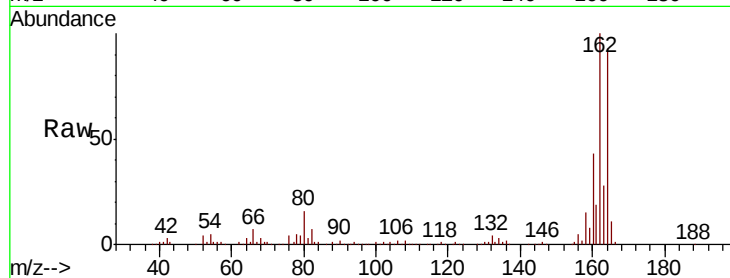
Tgt Ion:164 Resp: 165993

Ion Ratio Lower Upper

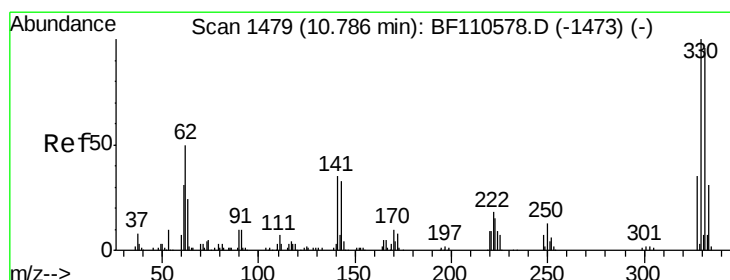
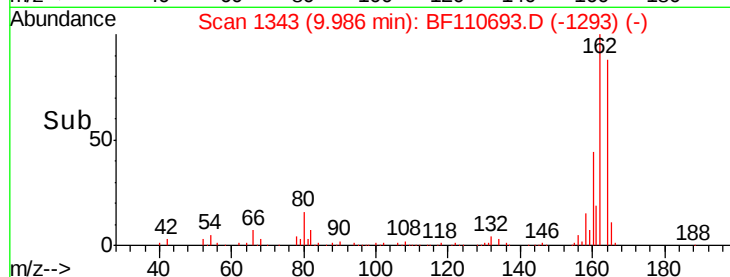
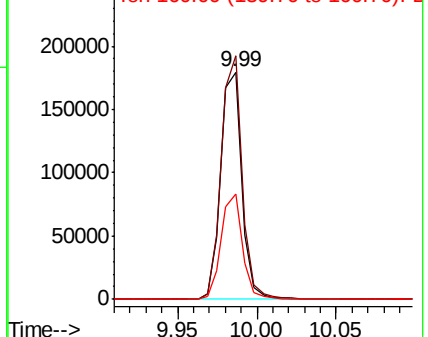
164 100

162 107.2 83.0 124.6

160 46.5 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: 43.134 ng

RT: 10.77 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF110693.D

Acq: 12 Nov 2018 23:49

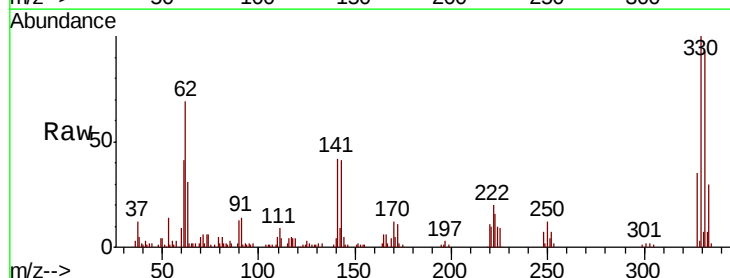
Tgt Ion:330 Resp: 72146

Ion Ratio Lower Upper

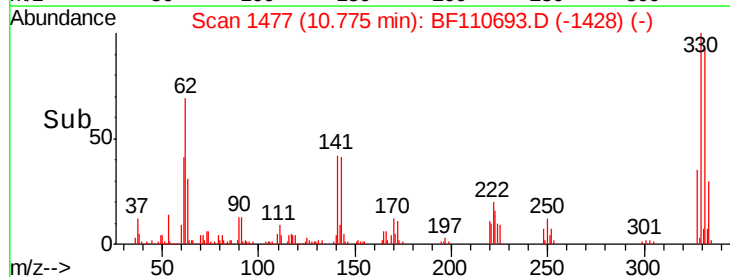
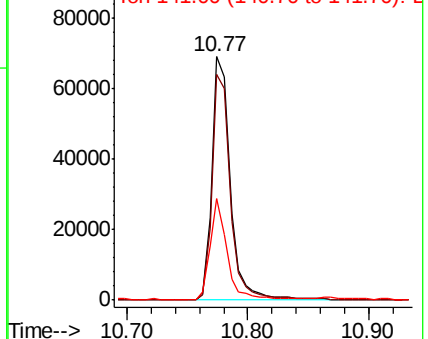
330 100

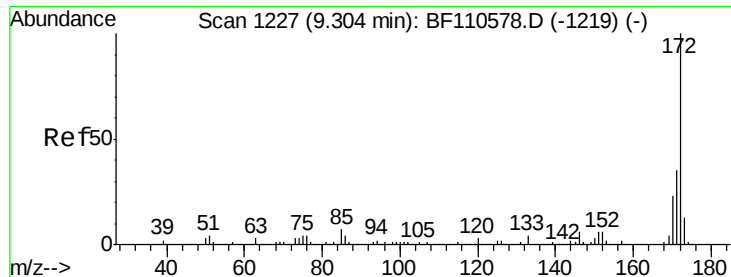
332 92.8 77.1 115.7

141 39.1 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

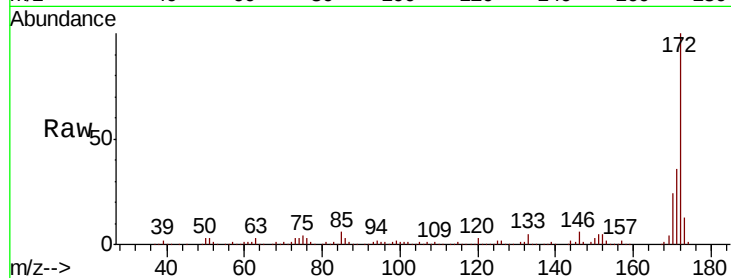




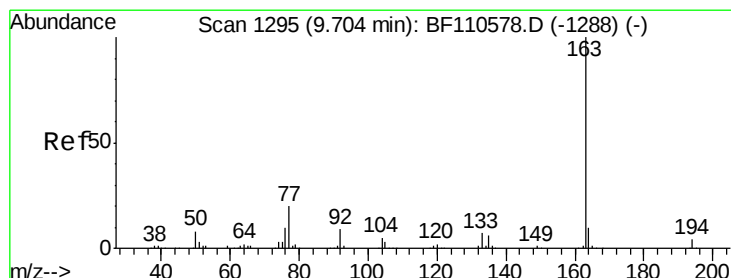
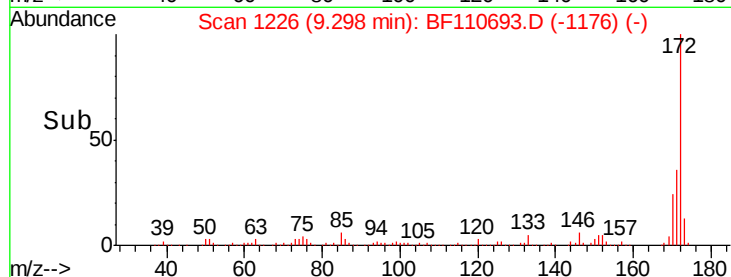
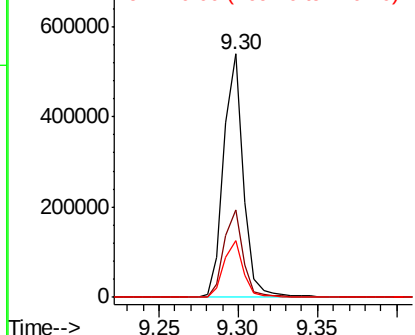
#45
2-Fluorobiphenyl
Concen: 40.066 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110693.D
Acq: 12 Nov 2018 23:49

Instrument :
BNA_F
ClientSampleId :
HD-01-110918

Tgt Ion:172 Resp: 465669
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.5 19.7 29.5

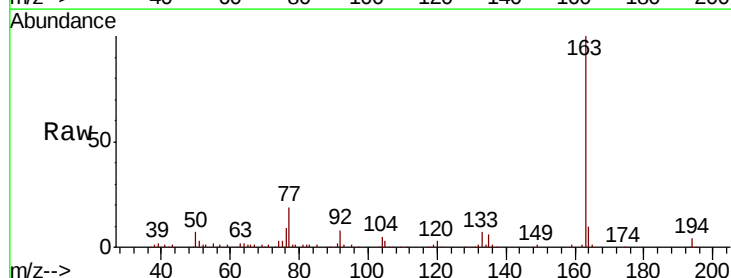


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

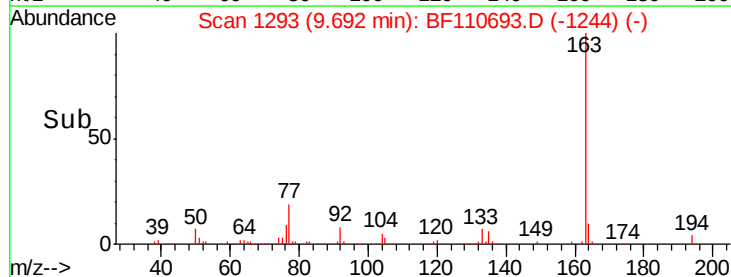
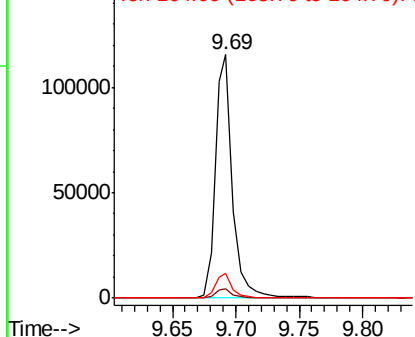


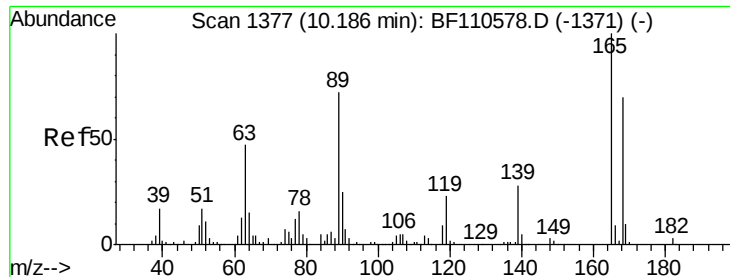
#50
Dimethylphthalate
Concen: 8.882 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110693.D
Acq: 12 Nov 2018 23:49

Tgt Ion:163 Resp: 110009
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.2 8.1 12.1



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

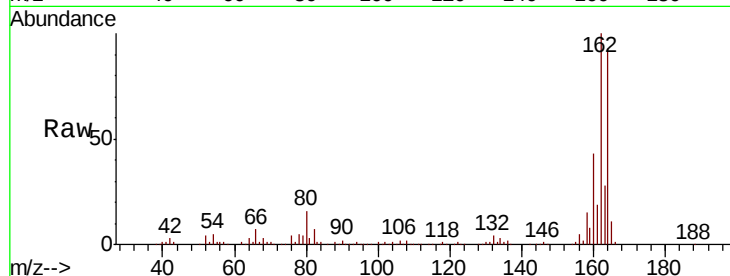




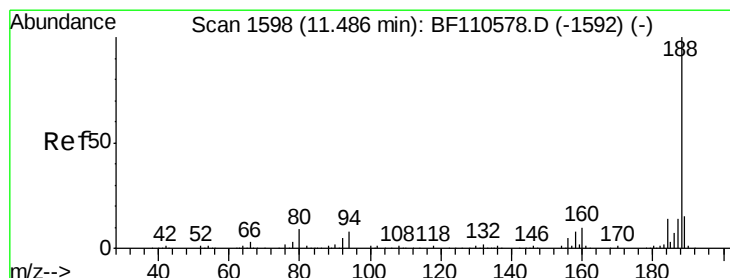
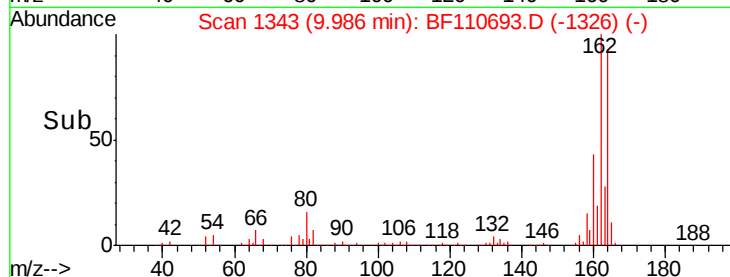
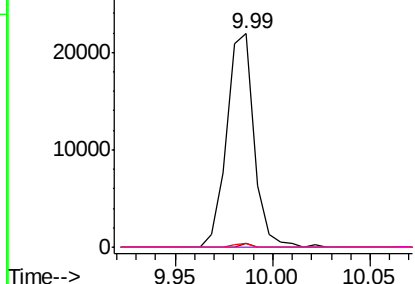
#57
 2,4-Dinitrotoluene
 Concen: 6.051 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110693.D
 Acq: 12 Nov 2018 23:49

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-110918

Tgt Ion:165 Resp: 21438
 Ion Ratio Lower Upper
 165 100
 63 1.9 44.8 67.2#
 89 1.8 62.2 93.4#
 182 0.0 2.1 3.1#

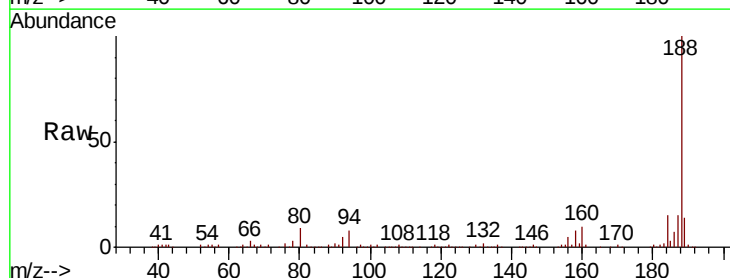


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

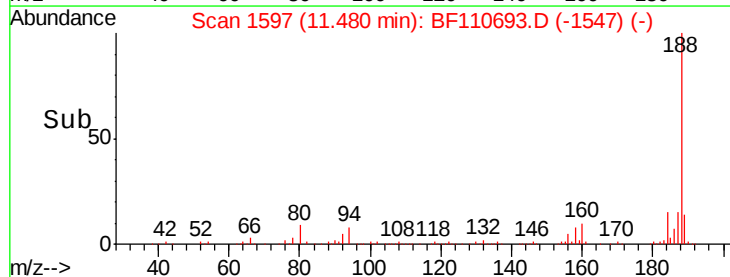
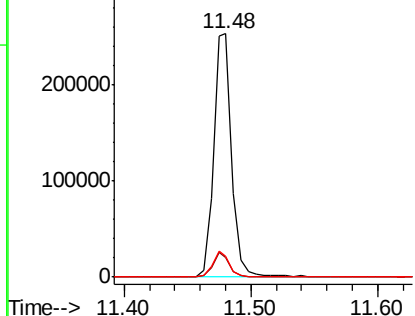


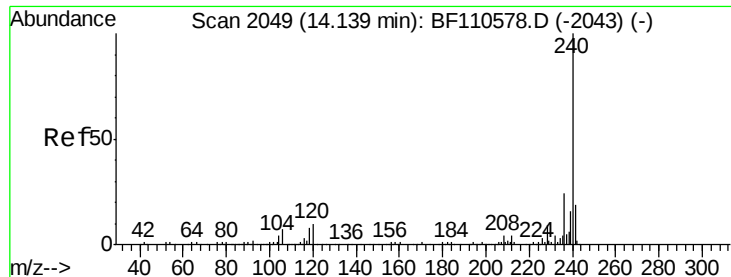
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110693.D
 Acq: 12 Nov 2018 23:49

Tgt Ion:188 Resp: 253512
 Ion Ratio Lower Upper
 188 100
 94 7.8 7.2 10.8
 80 8.7 7.9 11.9



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

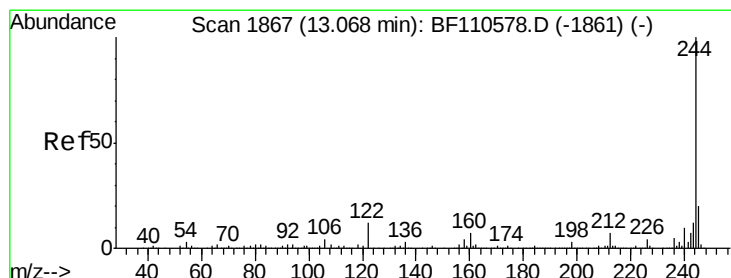
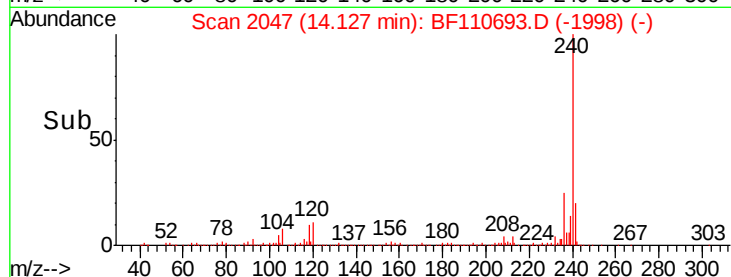
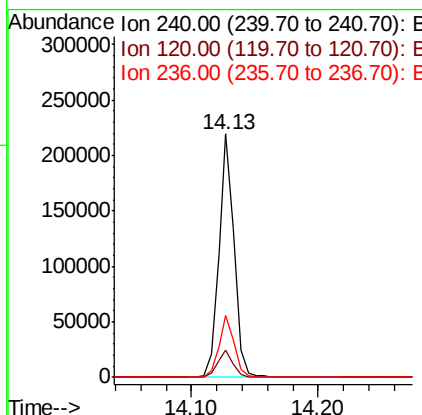
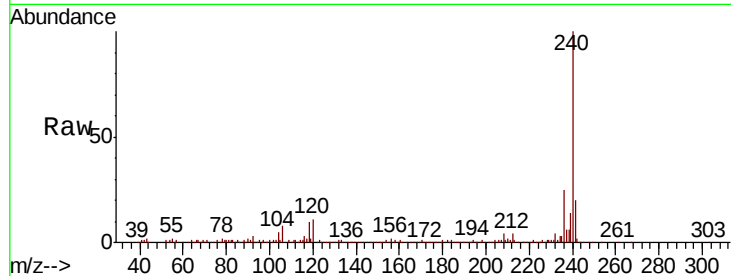




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110693.D
Acq: 12 Nov 2018 23:49

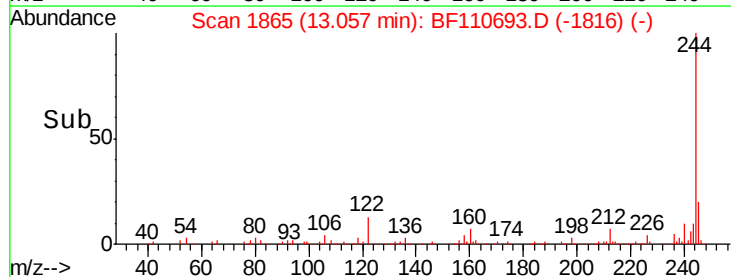
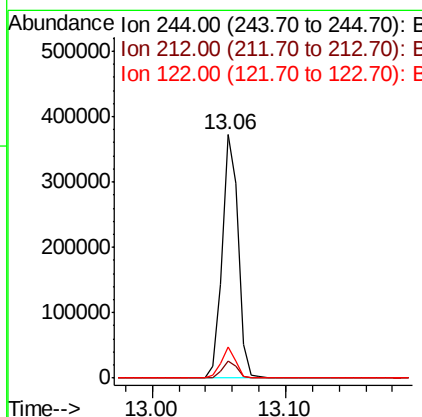
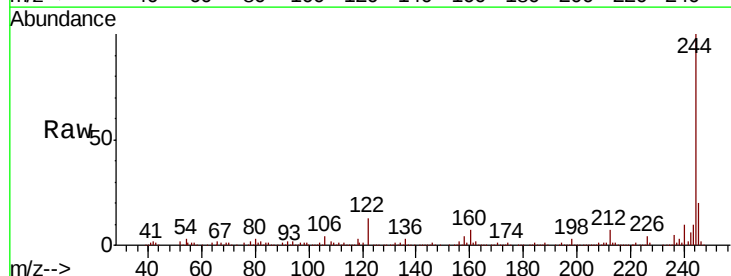
Instrument :
BNA_F
ClientSampleId :
HD-01-110918

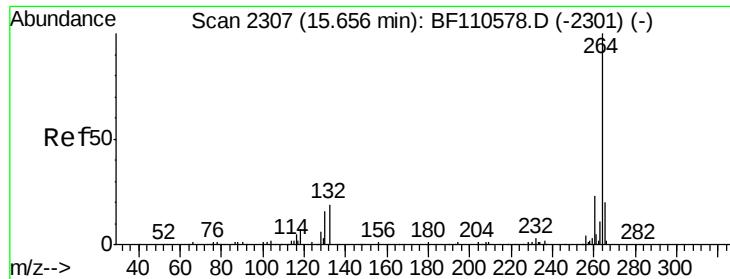
Tgt Ion:240 Resp: 185850
Ion Ratio Lower Upper
240 100
120 11.4 8.3 12.5
236 25.2 21.2 31.8



#79
Terphenyl-d14
Concen: 31.818 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110693.D
Acq: 12 Nov 2018 23:49

Tgt Ion:244 Resp: 315754
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 12.6 8.7 13.1

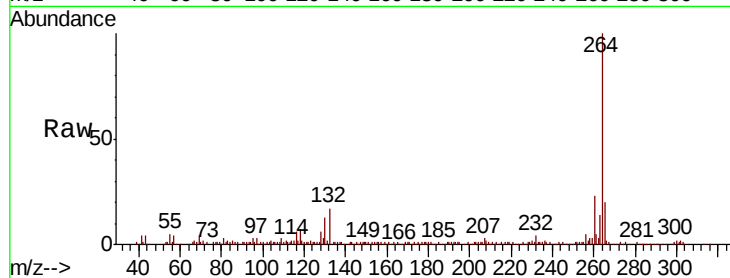




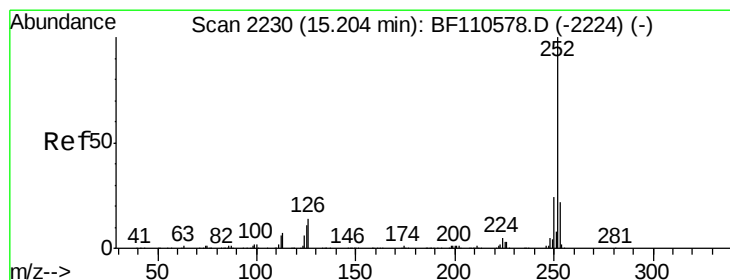
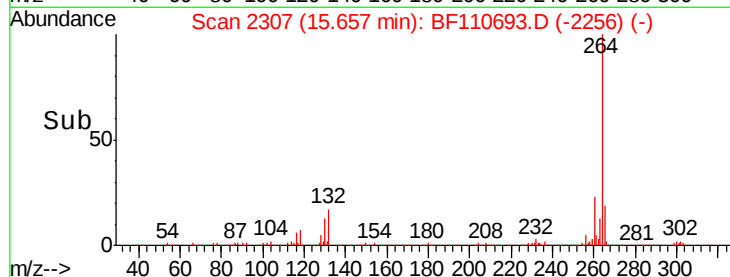
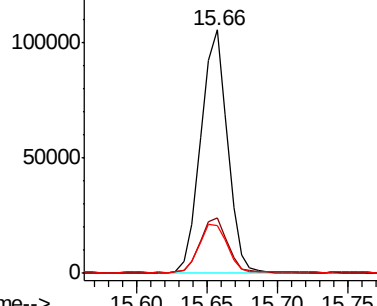
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110693.D
Acq: 12 Nov 2018 23:49

Instrument :
BNA_F
ClientSampled :
HD-01-110918

Tgt Ion:	264	Resp:	140583
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	19.8	16.7	25.1

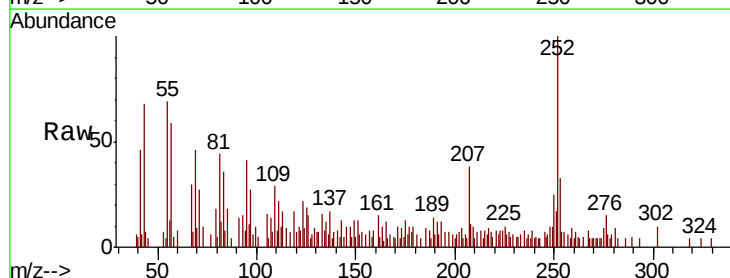


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

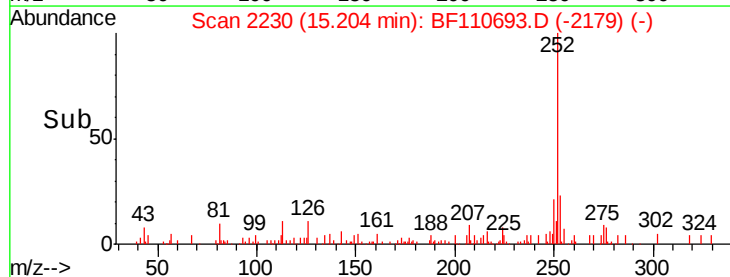
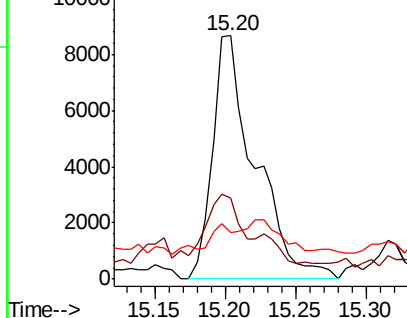


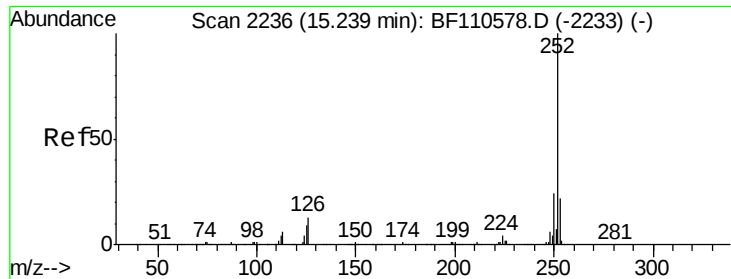
#88
Benzo(b)fluoranthene
Concen: 2.166 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110693.D
Acq: 12 Nov 2018 23:49

Tgt Ion:	252	Resp:	18217
Ion	Ratio	Lower	Upper
252	100		
253	33.2	17.2	25.8#
125	18.9	8.2	12.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 2.192 ng

RT: 15.20 min Scan# 2230

Delta R.T. -0.04 min

Lab File: BF110693.D

Acq: 12 Nov 2018 23:49

Instrument :

BNA_F

ClientSampleId :

HD-01-110918

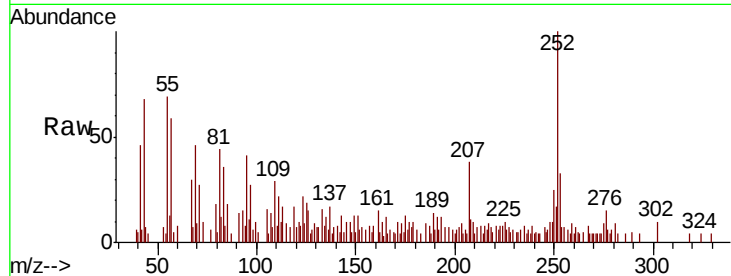
Tgt Ion: 252 Resp: 18217

Ion Ratio Lower Upper

252 100

253 33.2 17.2 25.8#

125 18.9 7.4 11.0#



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

