

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110410.D
 Acq On : 2 Nov 2018 14:23
 Operator : JU/SJ
 Sample : J5794-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 22:56:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	90023	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	354060	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	147636	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	231386	20.00	ng	0.00
76) Chrysene-d12	14.13	240	210346	20.00	ng	0.00
87) Perylene-d12	15.66	264	182876	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	572426	103.55	ng	0.00
7) Phenol-d6	6.58	99	720804	101.94	ng	0.00
23) Nitrobenzene-d5	7.52	82	454725	76.18	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	133382	91.21	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	781180	83.09	ng	0.00
79) Terphenyl-d14	13.07	244	610485	60.36	ng	0.00

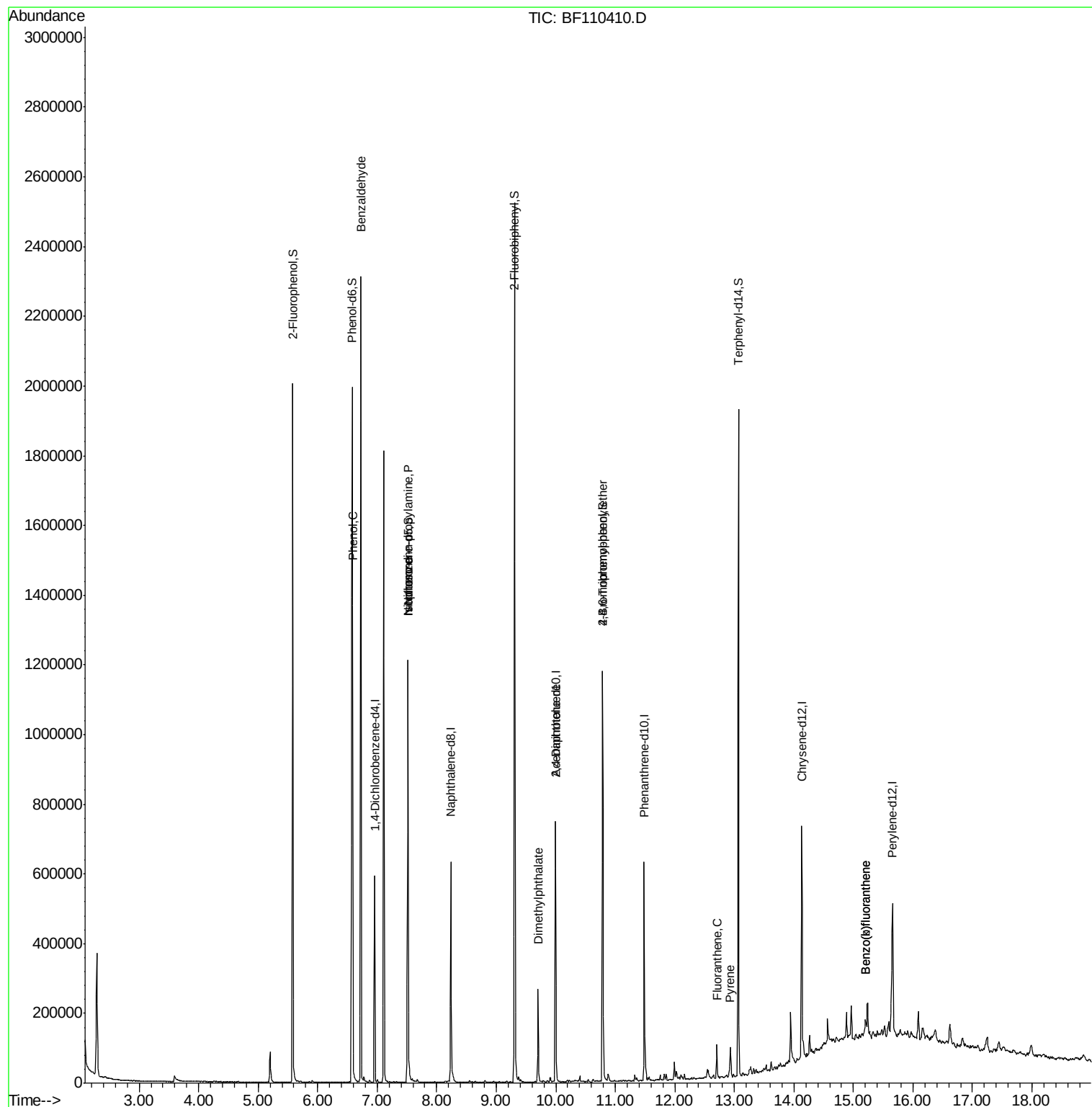
Target Compounds				Qvalue		
9) Benzaldehyde	6.73	77	14039	2.006	ng	82
10) Phenol	6.59	94	41322	5.467	ng	# 66
19) n-Nitroso-di-n-propylamine	7.52	70	58840	12.971	ng	# 84
25) Isophorone	7.52	82	454722	44.689	ng	# 67
50) Dimethylphthalate	9.70	163	122332	11.225	ng	98
57) 2,4-Dinitrotoluene	10.00	165	18757	6.291	ng	# 17
67) 4-Bromophenyl-phenylether	10.79	248	8588	3.422	ng	# 1
75) Fluoranthene	12.70	202	37068	3.017	ng	99
78) Pyrene	12.93	202	32920	2.183	ng	98
88) Benzo(b)fluoranthene	15.20	252	33305	3.154	ng	# 78
89) Benzo(k)fluoranthene	15.20	252	33305	3.208	ng	# 77

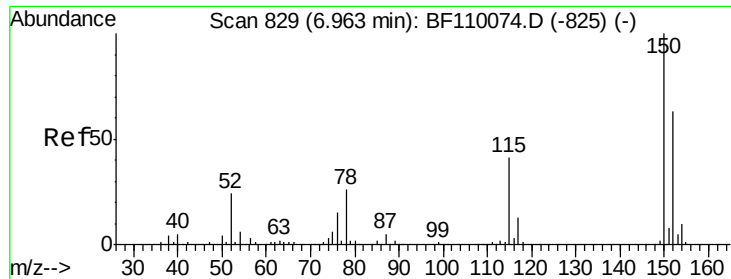
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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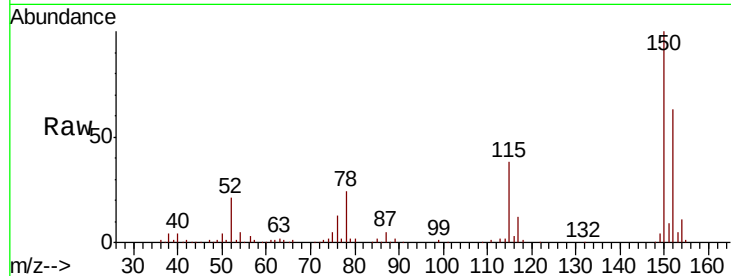


#1

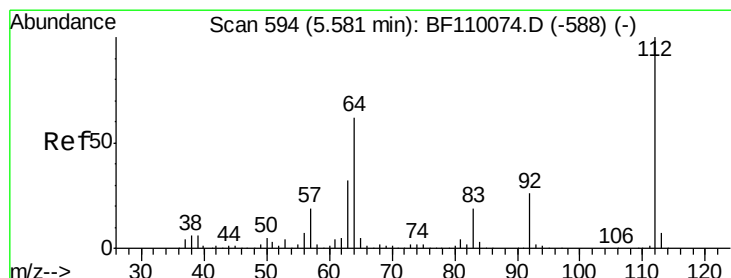
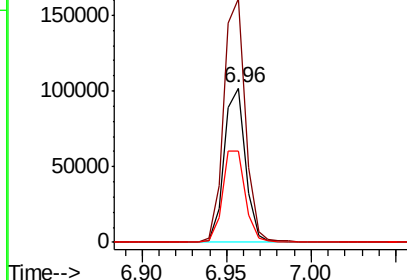
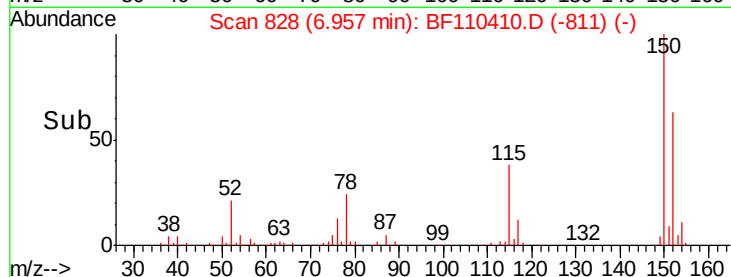
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110410.D
Acq: 2 Nov 2018 14:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 90023
Ion Ratio Lower Upper
152 100
150 157.5 122.7 184.1
115 59.1 49.1 73.7



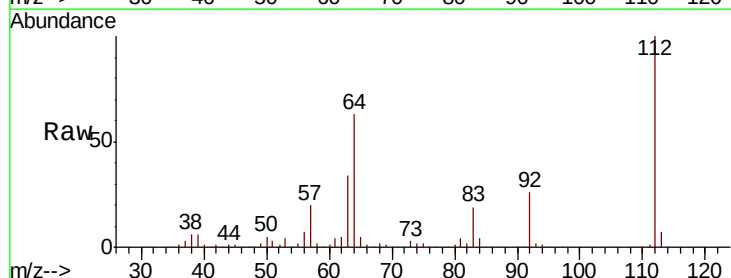
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



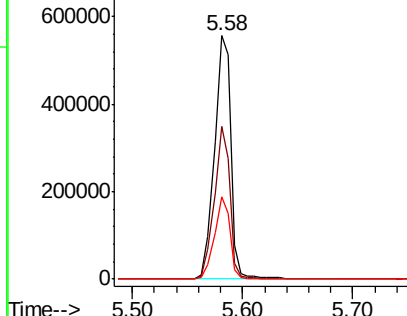
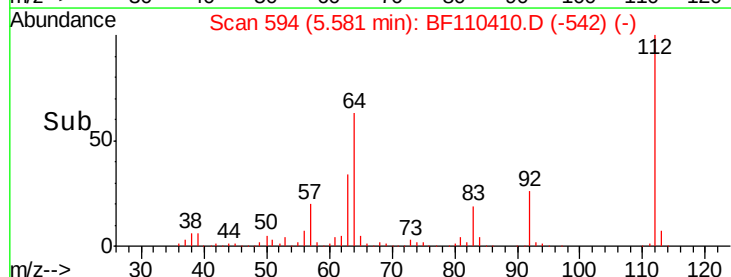
#5

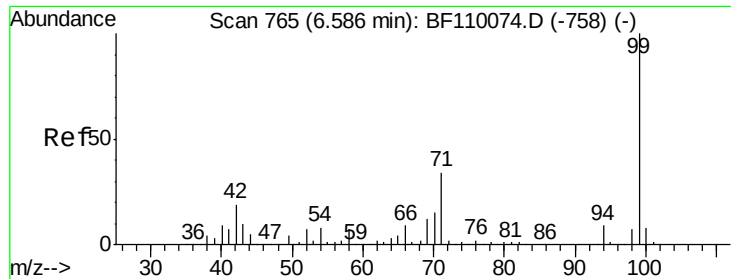
2-Fluorophenol
Concen: 103.548 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.01 min
Lab File: BF110410.D
Acq: 2 Nov 2018 14:23

Tgt Ion:112 Resp: 572426
Ion Ratio Lower Upper
112 100
64 62.8 44.1 66.1
63 33.7 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: 101.939 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110410.D

Acq: 2 Nov 2018 14:23

Instrument :

BNA_F

ClientSampleId :

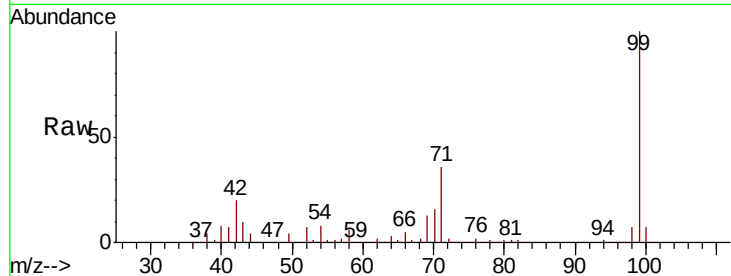
Tot Ion: 99 Resp: 720804

Ion Ratio Lower Upper

99 100

42 19.6 15.8 23.6

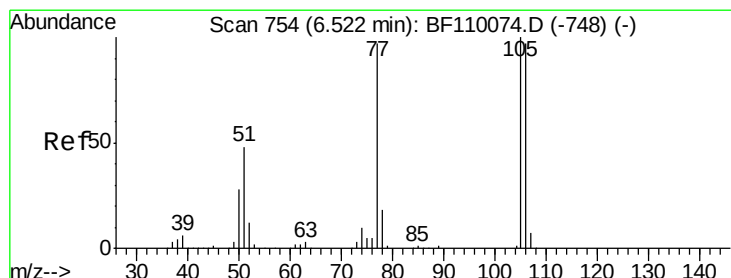
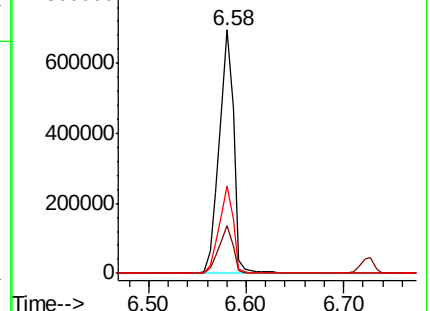
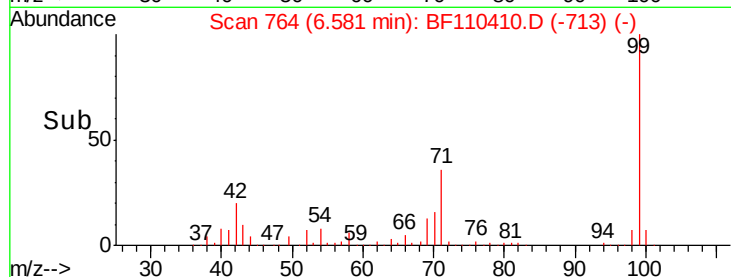
71 35.7 28.0 42.0



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



#9

Benzaldehyde

Concen: 2.006 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.22 min

Lab File: BF110410.D

Acq: 2 Nov 2018 14:23

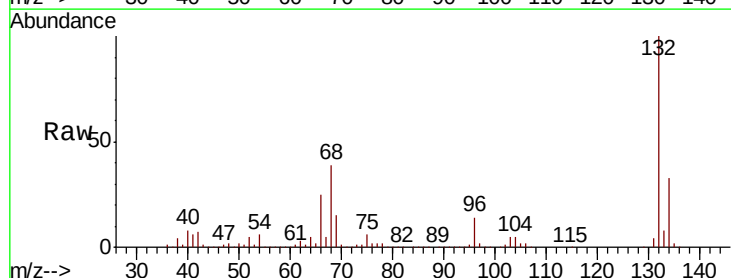
Tgt Ion: 77 Resp: 14039

Ion Ratio Lower Upper

77 100

105 81.0 78.6 118.6

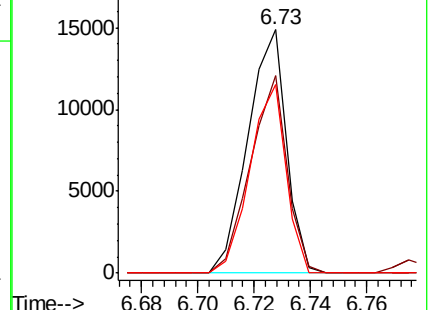
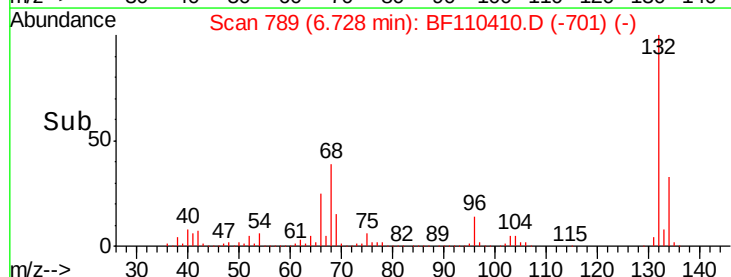
106 77.6 74.8 114.8

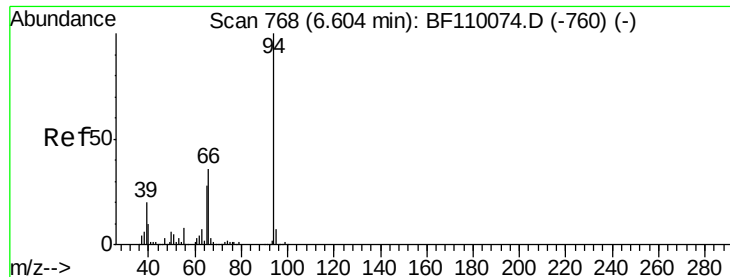


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

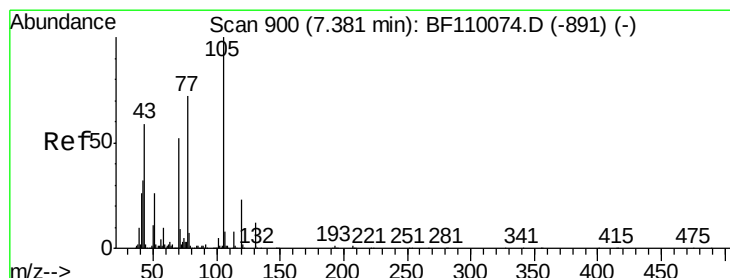
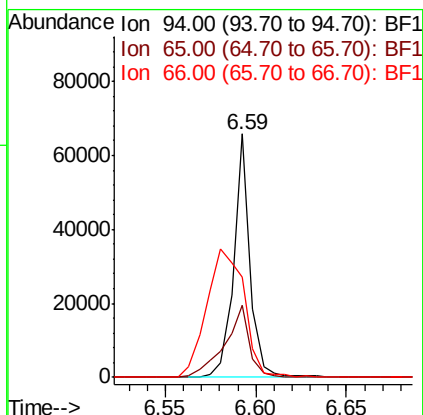
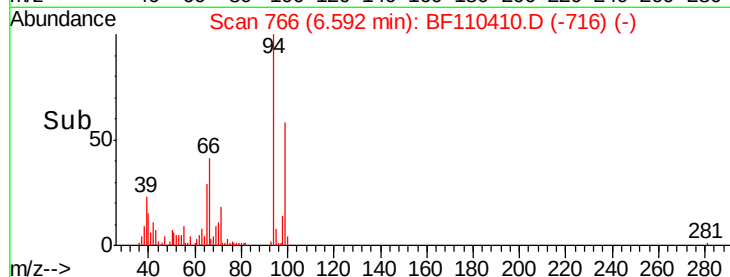
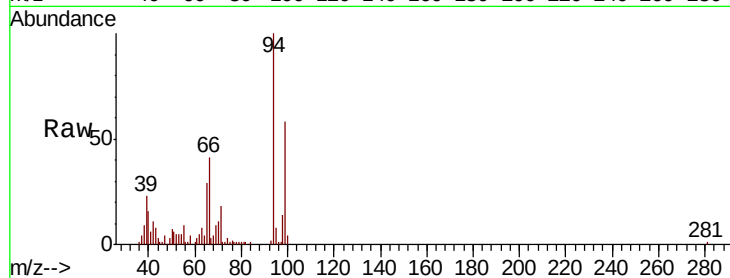




#10
Phenol
Concen: 5.467 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF110410.D
Acq: 2 Nov 2018 14:23

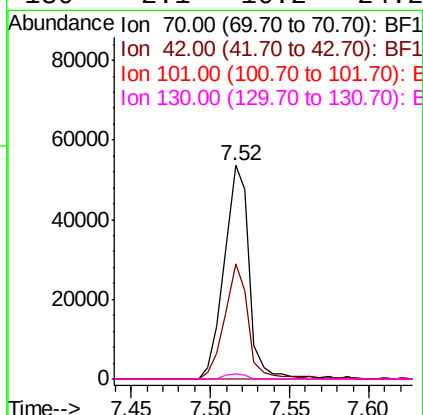
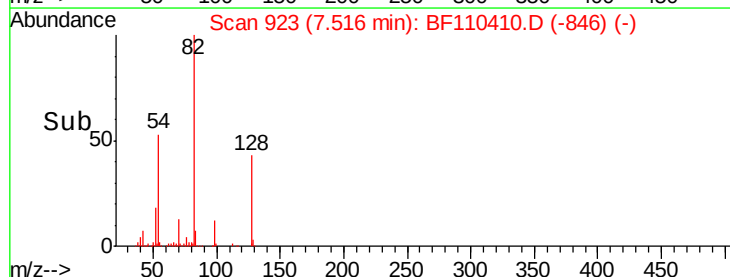
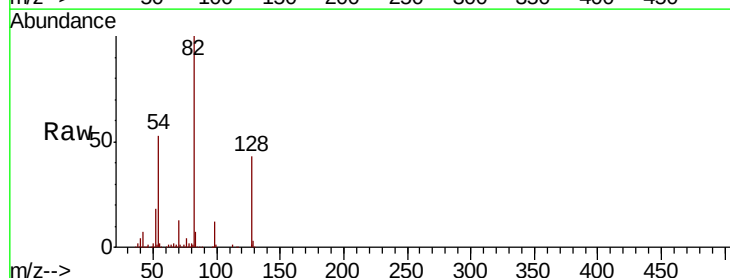
Instrument :
BNA_F
ClientSampleId :

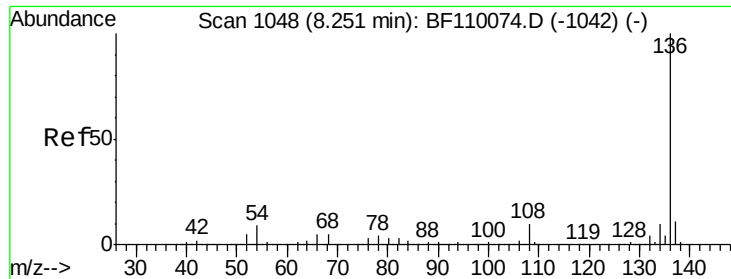
Tot Ion: 94 Resp: 41322
Ion Ratio Lower Upper
94 100
65 29.4 25.3 65.3
66 41.1 54.5 94.5#



#19
n-Nitroso-di-n-propylamine
Concen: 12.971 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.15 min
Lab File: BF110410.D
Acq: 2 Nov 2018 14:23

Tgt Ion: 70 Resp: 58840
Ion Ratio Lower Upper
70 100
42 54.0 47.4 71.2
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF110410.D

Acq: 2 Nov 2018 14:23

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 354060

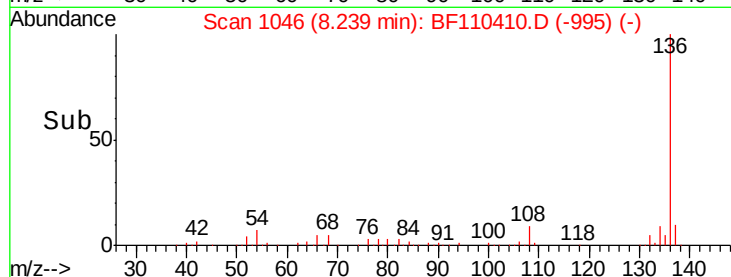
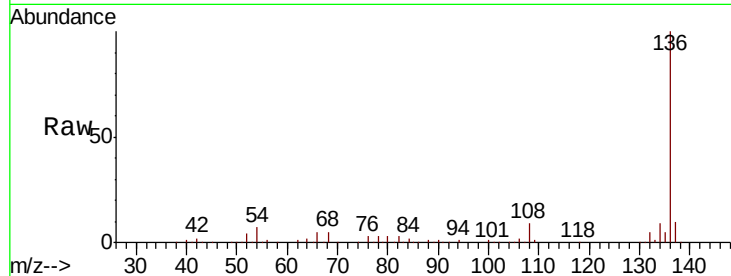
Ion Ratio Lower Upper

136 100

137 10.2 8.8 13.2

54 7.1 5.4 8.2

68 4.9 4.2 6.2

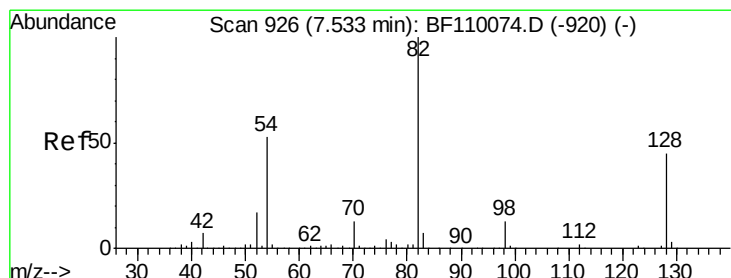
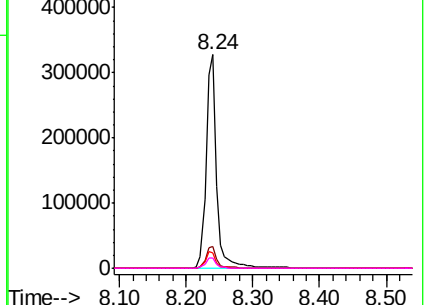


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 76.177 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF110410.D

Acq: 2 Nov 2018 14:23

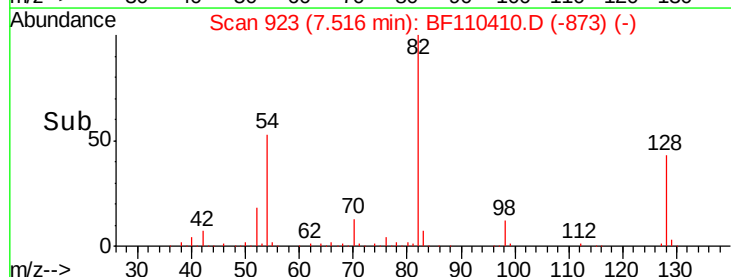
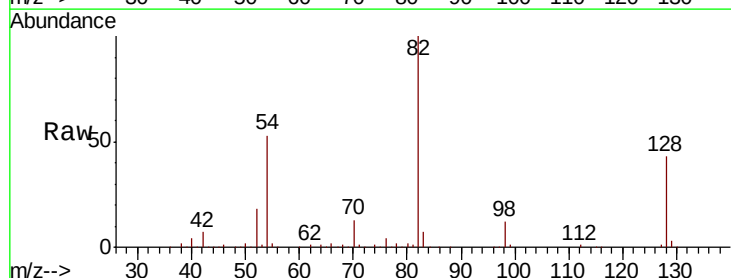
Tgt Ion: 82 Resp: 454725

Ion Ratio Lower Upper

82 100

128 43.4 34.2 51.2

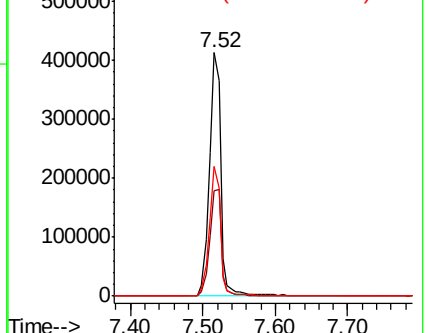
54 53.4 38.6 58.0

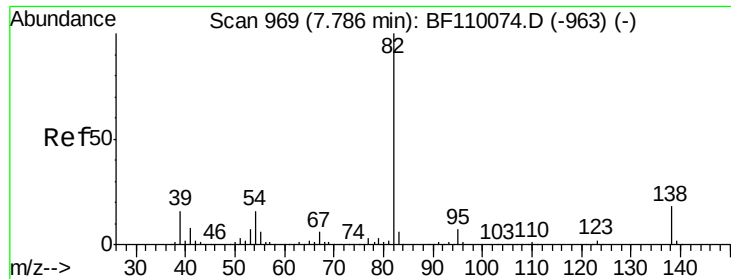


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 44.689 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.26 min

Lab File: BF110410.D

Acq: 2 Nov 2018 14:23

Instrument :

BNA_F

ClientSampled :

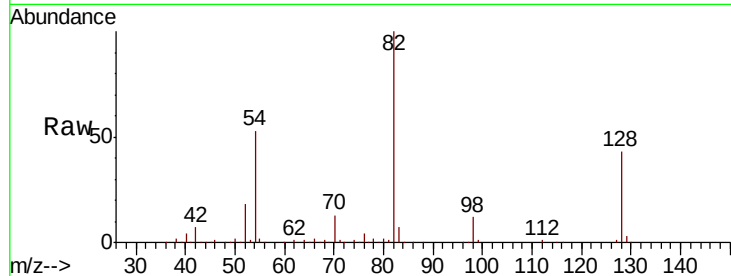
Tot Ion: 82 Resp: 454722

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

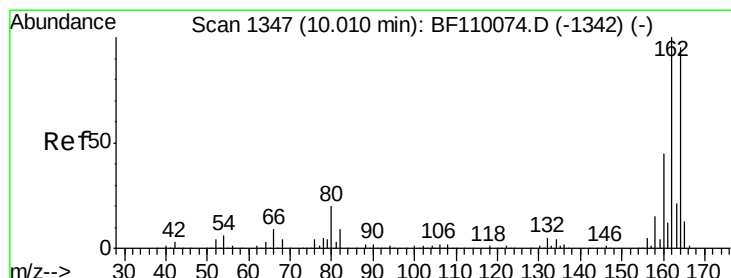
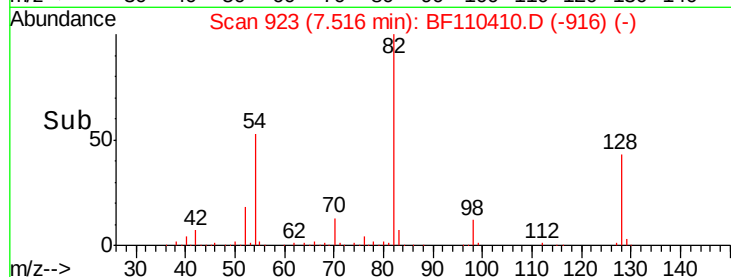
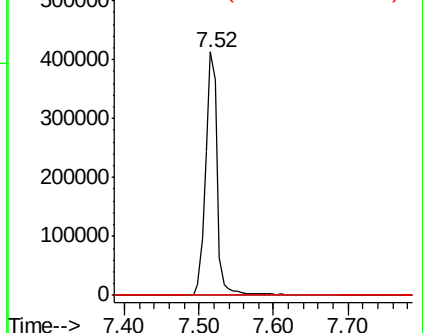
138 0.0 13.2 19.8#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110410.D

Acq: 2 Nov 2018 14:23

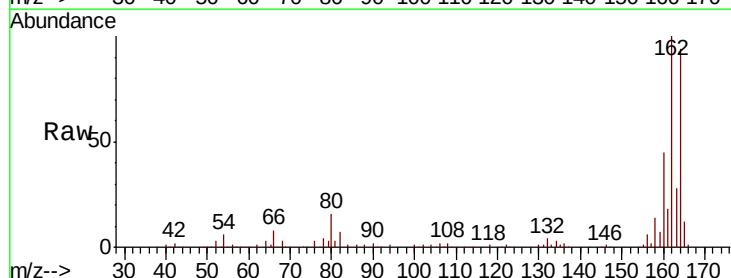
Tgt Ion:164 Resp: 147636

Ion Ratio Lower Upper

164 100

162 106.3 83.0 124.6

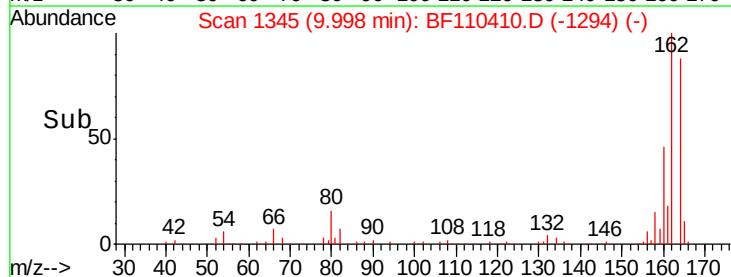
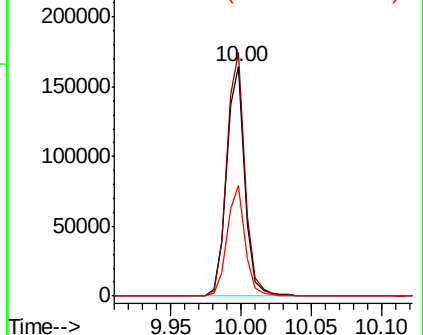
160 48.1 37.0 55.6

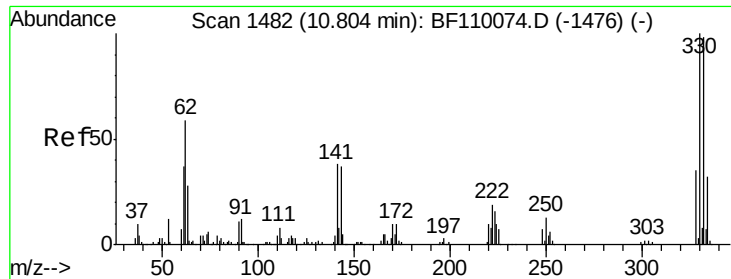


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

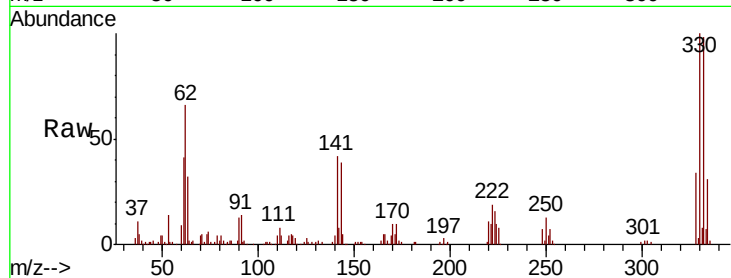




#42
 2,4,6-Tribromophenol
 Concen: 91.206 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF110410.D
 Acq: 2 Nov 2018 14:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.1	115.7
141	38.2	27.0	40.4

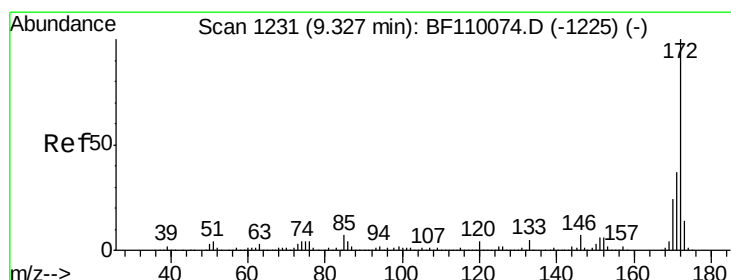
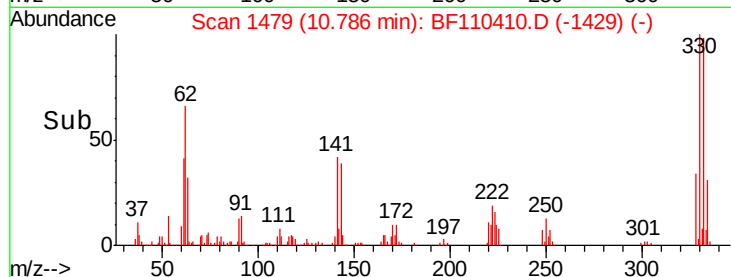
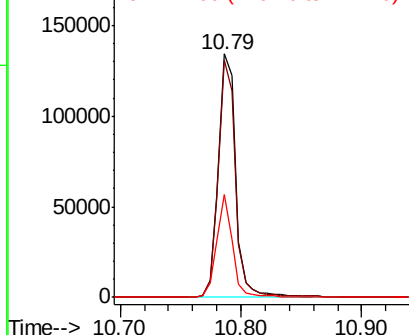


Abundance

Ion 329.80 (329.50 to 330.50): E

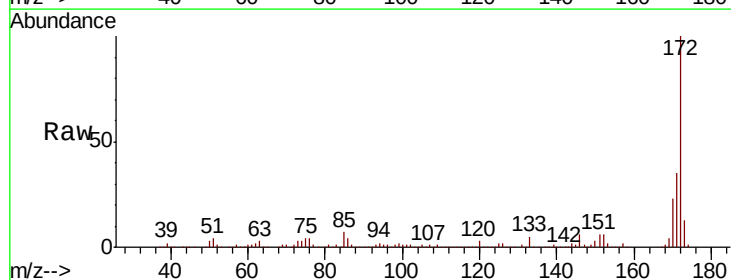
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 83.086 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110410.D
 Acq: 2 Nov 2018 14:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.5	19.7	29.5

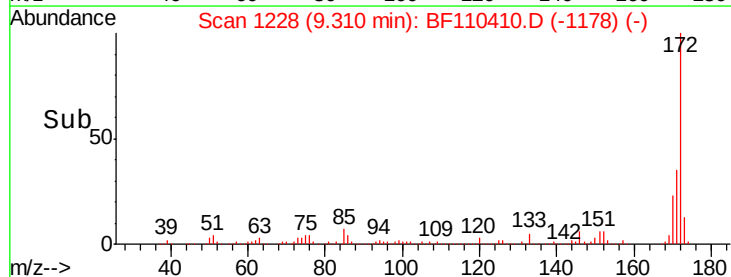
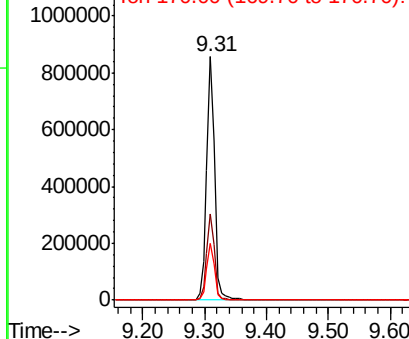


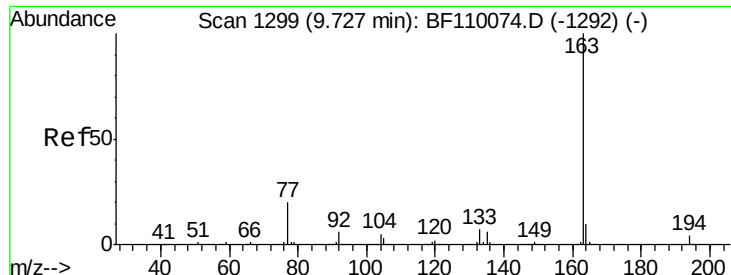
Abundance

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: 11.225 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF110410.D

Acq: 2 Nov 2018 14:23

Instrument :

BNA_F

ClientSampleId :

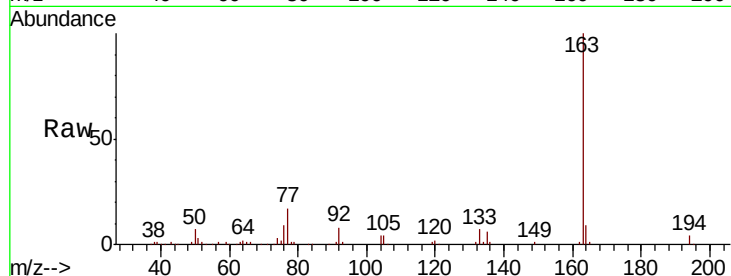
Tot Ion:163 Resp: 122332

Ion Ratio Lower Upper

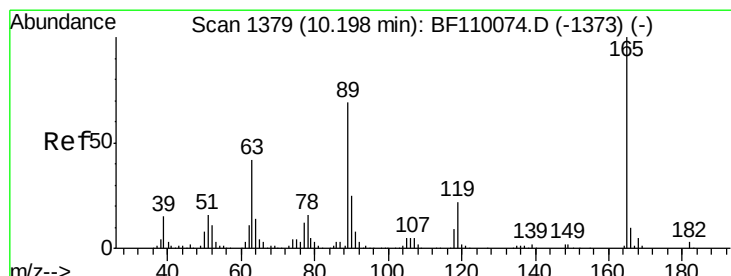
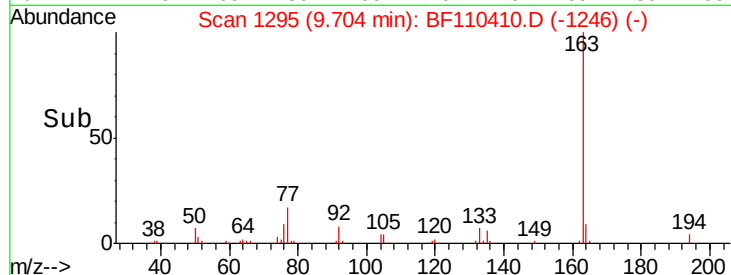
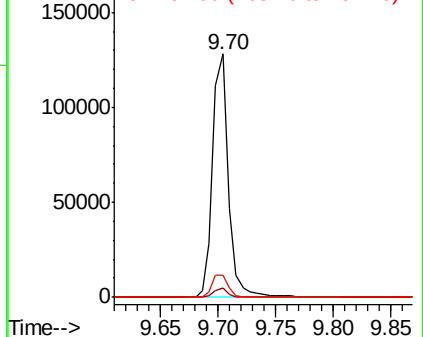
163 100

194 3.7 3.2 4.8

164 9.1 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: 6.291 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.19 min

Lab File: BF110410.D

Acq: 2 Nov 2018 14:23

Tgt Ion:165 Resp: 18757

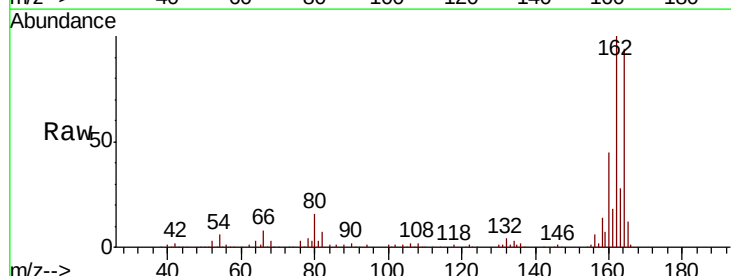
Ion Ratio Lower Upper

165 100

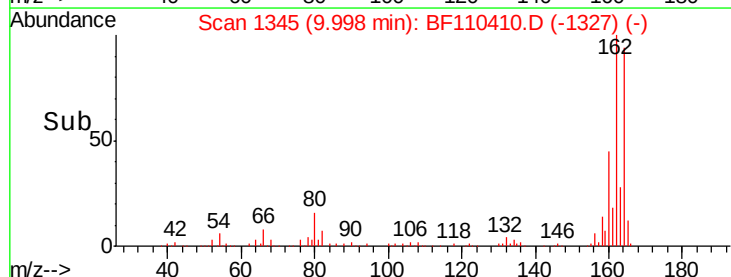
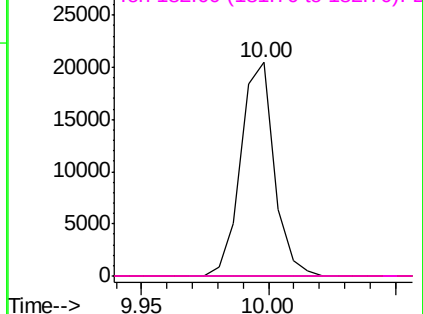
63 0.0 44.8 67.2#

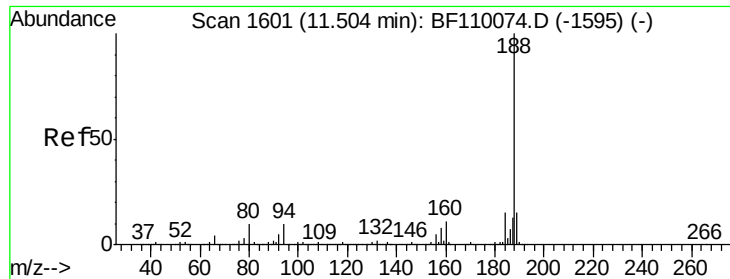
89 0.0 62.2 93.4#

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: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF110410.D

Acq: 2 Nov 2018 14:23

Instrument :

BNA_F

ClientSampleId :

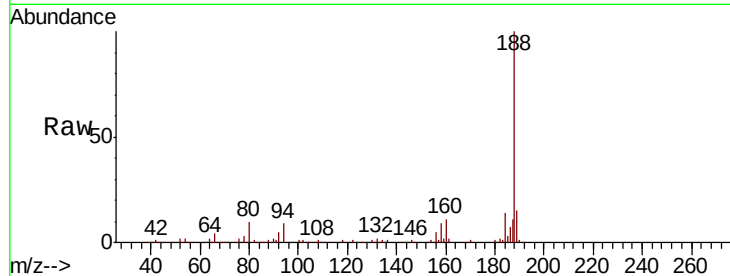
Tot Ion:188 Resp: 231386

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

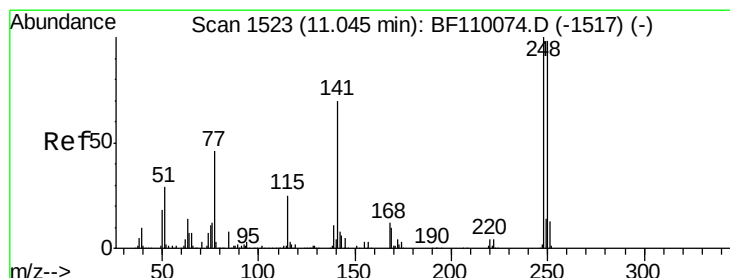
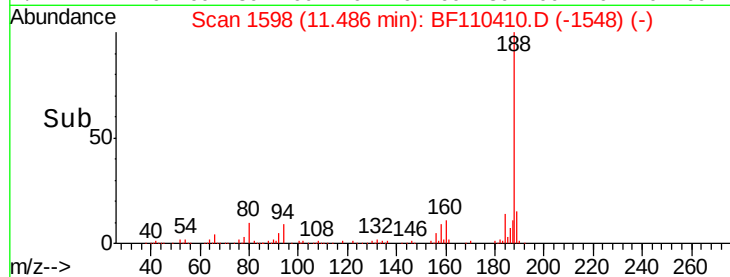
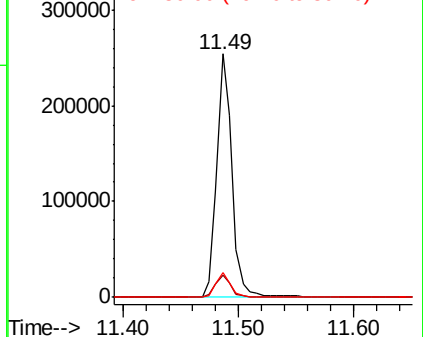
80 10.1 7.9 11.9



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



#67

4-Bromophenyl-phenylether

Concen: 3.422 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.24 min

Lab File: BF110410.D

Acq: 2 Nov 2018 14:23

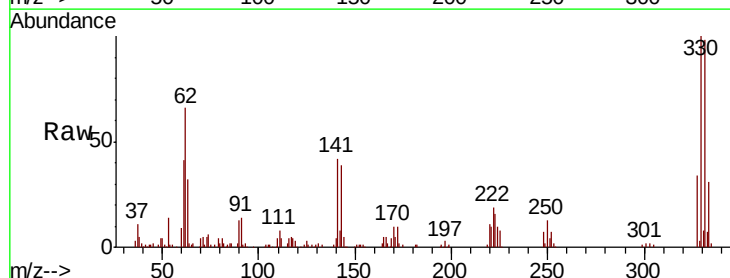
Tgt Ion:248 Resp: 8588

Ion Ratio Lower Upper

248 100

250 188.9 79.4 119.2#

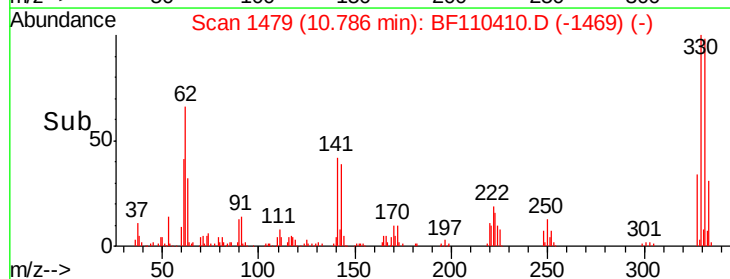
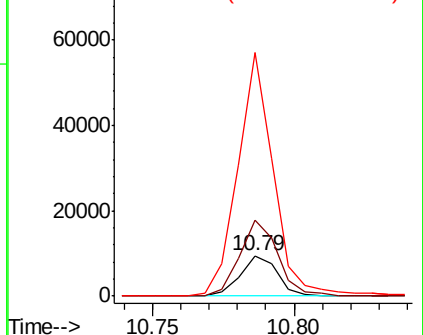
141 600.4 55.9 83.9#

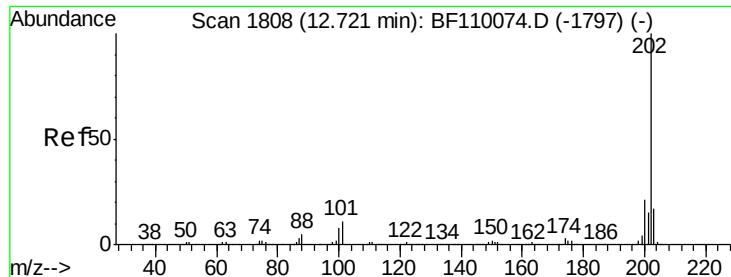


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Fluoranthene

Concen: 3.017 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF110410.D

Acq: 2 Nov 2018 14:23

Instrument :

BNA_F

ClientSampled :

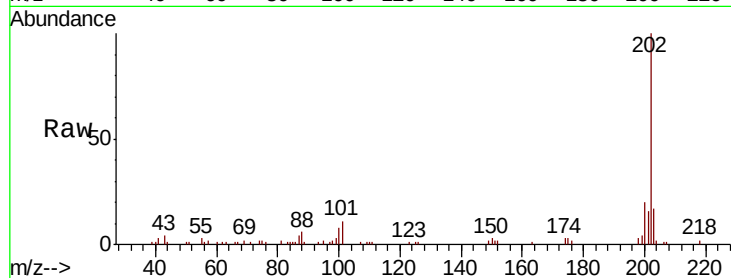
Tot Ion:202 Resp: 37068

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.4

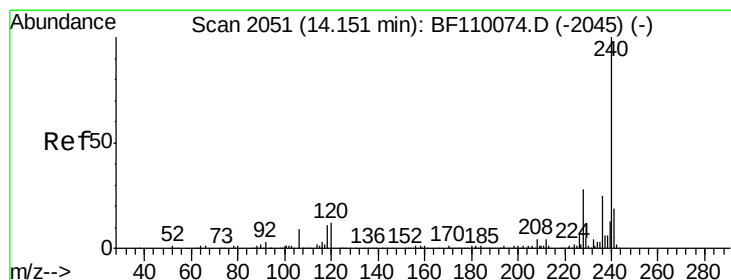
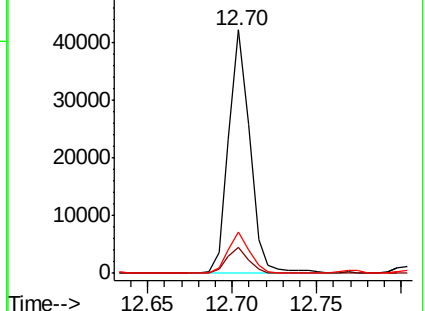
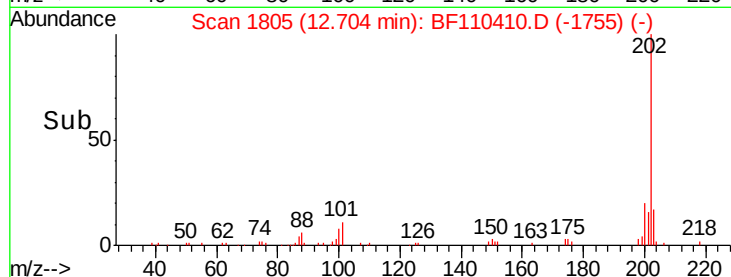
203 17.2 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110410.D

Acq: 2 Nov 2018 14:23

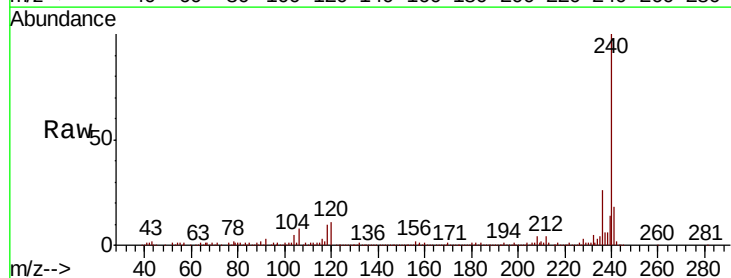
Tgt Ion:240 Resp: 210346

Ion Ratio Lower Upper

240 100

120 10.8 8.3 12.5

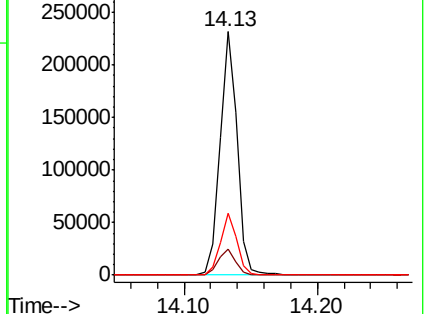
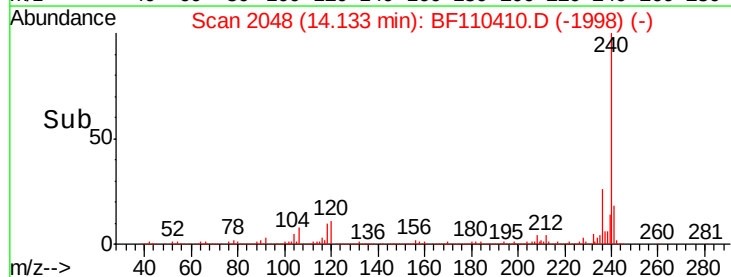
236 25.5 21.2 31.8

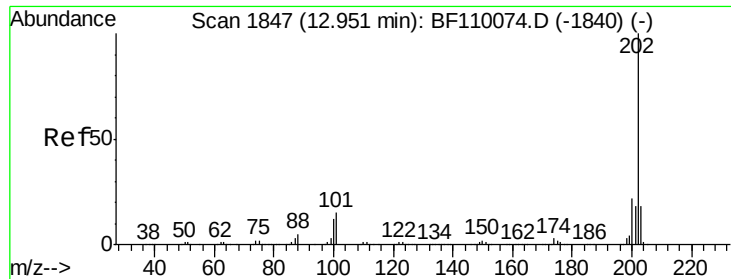


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

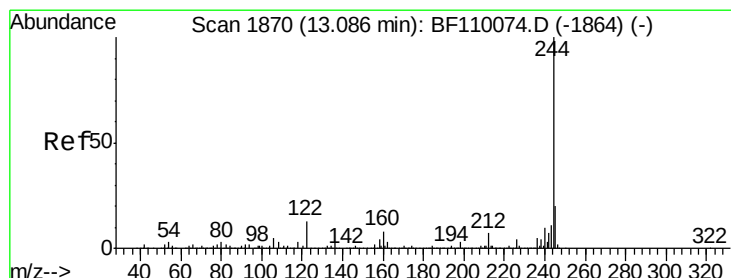
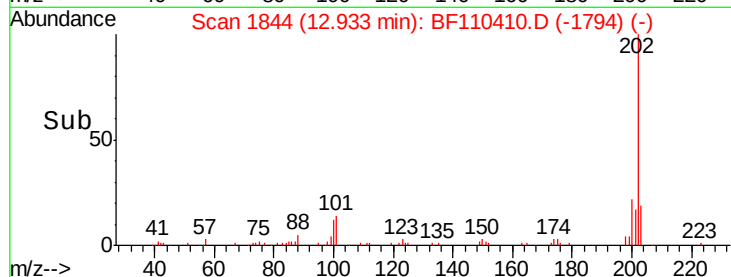
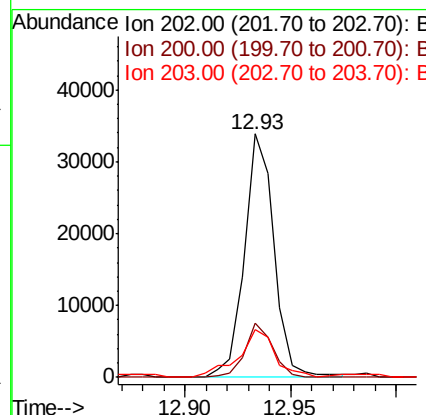
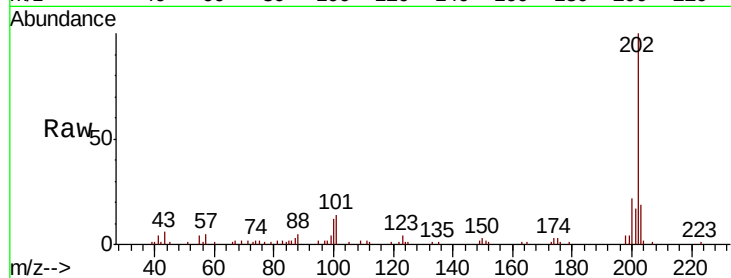




#78
Pvrene
Concen: 2.183 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF110410.D
Acq: 2 Nov 2018 14:23

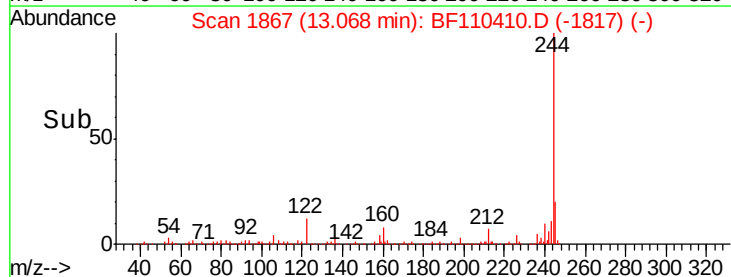
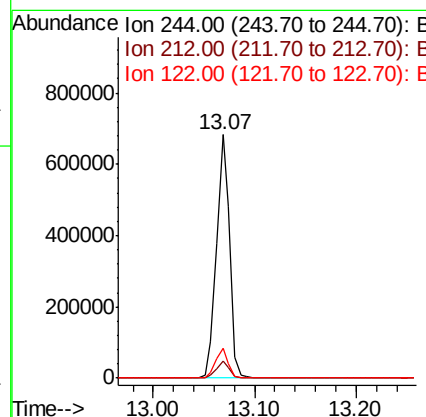
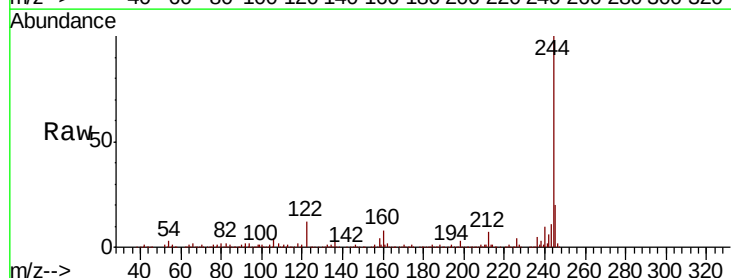
Instrument :
BNA_F
ClientSampleId :

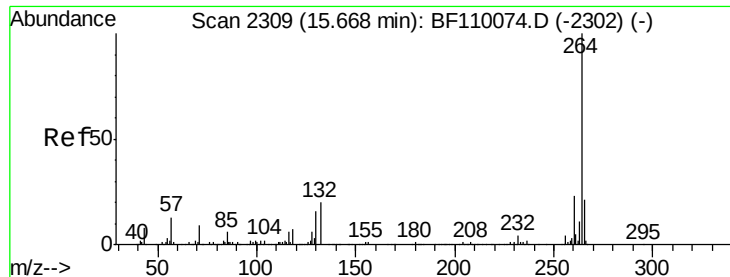
Tot Ion:202 Resp: 32920
Ion Ratio Lower Upper
202 100
200 22.1 17.8 26.6
203 19.4 14.2 21.4



#79
Terphenyl-d14
Concen: 60.359 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110410.D
Acq: 2 Nov 2018 14:23

Tgt Ion:244 Resp: 610485
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 12.4 8.7 13.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110410.D

Acq: 2 Nov 2018 14:23

Instrument :

BNA_F

ClientSampleId :

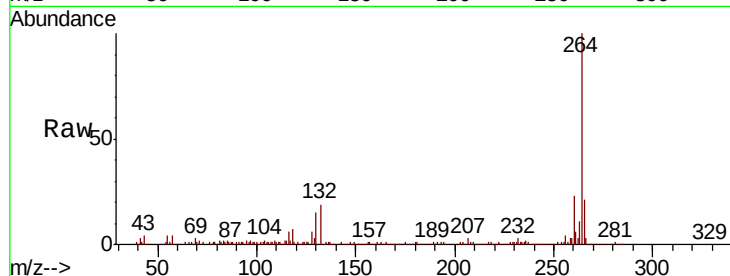
Tot Ion:264 Resp: 182876

Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

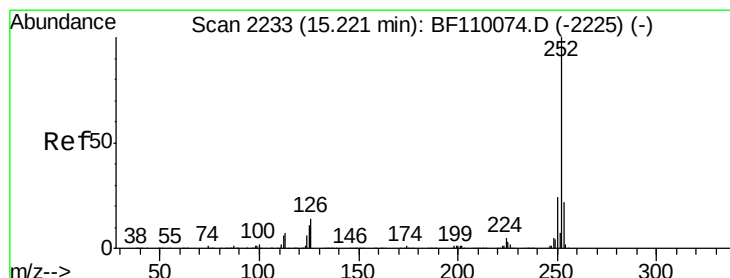
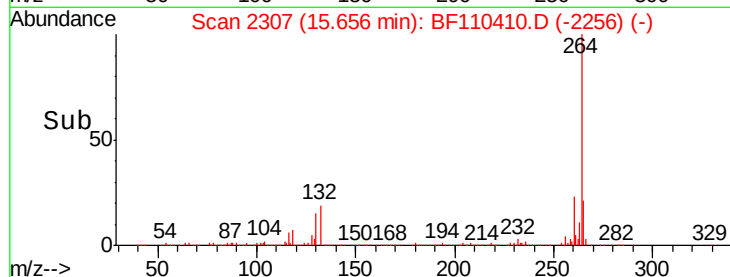
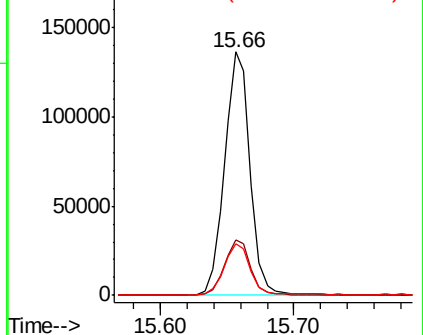
265 21.1 16.7 25.1



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: 3.154 ng

RT: 15.20 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BF110410.D

Acq: 2 Nov 2018 14:23

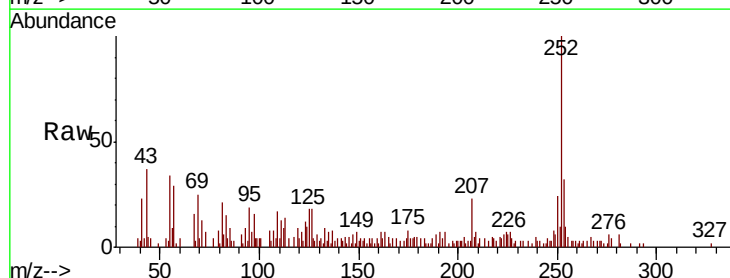
Tgt Ion:252 Resp: 33305

Ion Ratio Lower Upper

252 100

253 32.4 17.2 25.8#

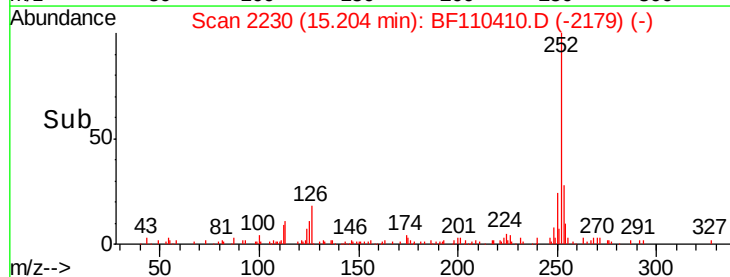
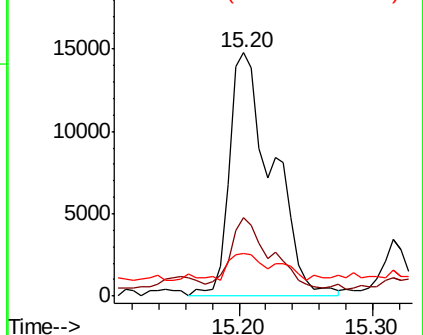
125 17.6 8.2 12.4#

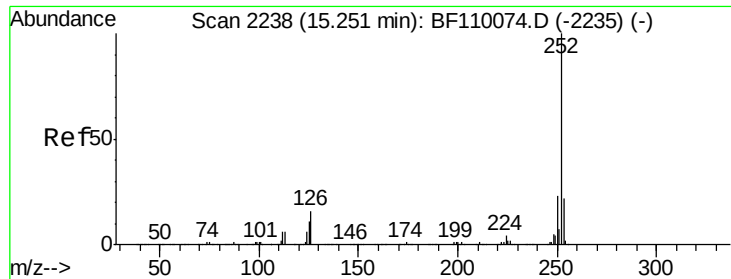


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

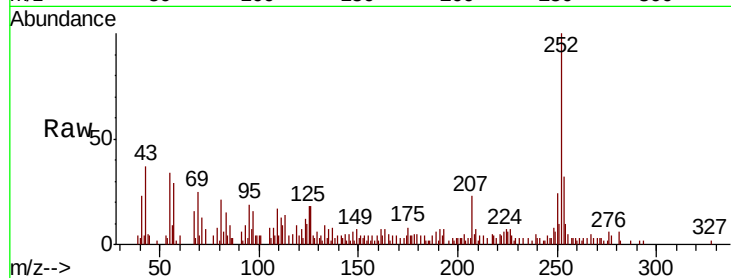




#89
 Benzo(k)fluoranthene
 Concen: 3.208 ng
 RT: 15.20 min Scan# 2230
 Delta R.T. -0.04 min
 Lab File: BF110410.D
 Acq: 2 Nov 2018 14:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.4	17.2	25.8#
125	17.6	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

