

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
 Data File : BF120271.D
 Acq On : 1 May 2020 21:13
 Operator : MA/SJ
 Sample : L2463-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 01:11:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 15:26:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	102900	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	376695	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	163099	20.00	ng	-0.01
64) Phenanthrene-d10	11.17	188	280326	20.00	ng	0.00
76) Chrysene-d12	13.82	240	223489	20.00	ng	0.00
87) Perylene-d12	15.22	264	256432	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	645961	108.49	ng	0.00
7) Phenol-d6	6.30	99	823839	107.38	ng	-0.01
23) Nitrobenzene-d5	7.22	82	479697	65.88	ng	-0.01
42) 2,4,6-Tribromophenol	10.48	330	158364	79.31	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	862302	75.06	ng	0.00
79) Terphenyl-d14	12.76	244	798365	60.11	ng	-0.01

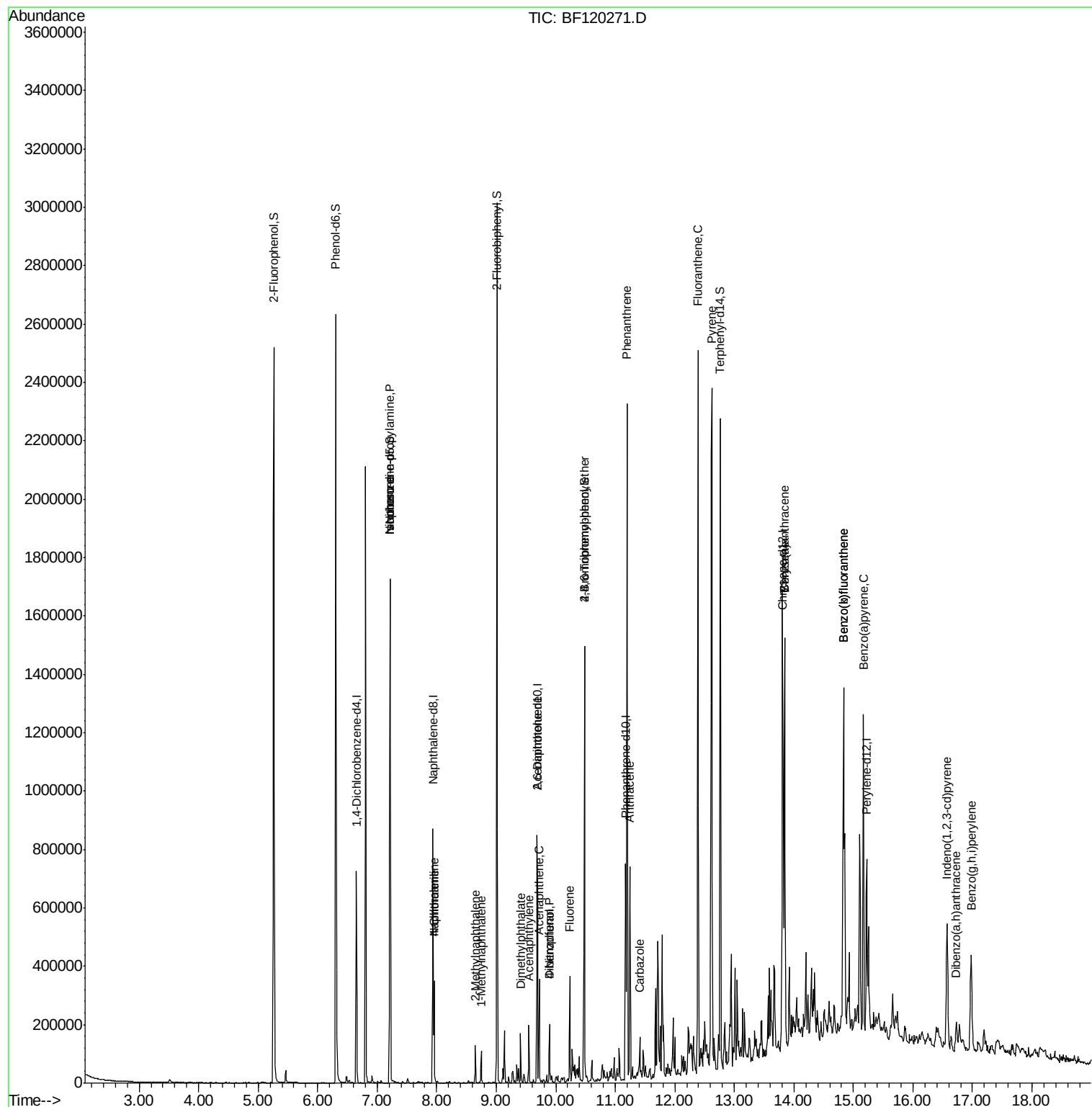
Target Compounds				Qvalue		
9) Benzaldehyde	6.21	77	108	Below Cal	#	30
19) n-Nitroso-di-n-propylamine	7.22	70	61658	12.497	ng	# 73
25) Isophorone	7.22	82	479693	34.175	ng	# 65
31) Naphthalene	7.96	128	135830	6.854	ng	# 96
33) 4-Chloroaniline	7.96	127	17386	2.015	ng	# 35
37) 2-Methylnaphthalene	8.65	142	34660	2.580	ng	# 94
38) 1-Methylnaphthalene	8.75	142	26913	2.125	ng	# 95
49) Acenaphthylene	9.55	152	83237	5.161	ng	# 95
50) Dimethylphthalate	9.41	163	46492	3.685	ng	# 98
51) 2,6-Dinitrotoluene	9.69	165	21882	7.921	ng	# 28
52) Acenaphthene	9.72	154	70911	6.591	ng	# 96
55) Dibenzofuran	9.89	168	64989	4.402	ng	# 98
56) 4-Nitrophenol	9.89	139	23221	9.891	ng	# 6
58) Fluorene	10.23	166	94202	7.978	ng	# 95
67) 4-Bromophenyl-phenylether	10.48	248	10090	2.894	ng	# 1
71) Phenanthrene	11.20	178	787596	52.791	ng	# 98
72) Anthracene	11.25	178	266376	17.478	ng	# 97
73) Carbazole	11.41	167	54004	3.747	ng	# 97
75) Fluoranthene	12.39	202	999040	62.061	ng	# 97
78) Pyrene	12.62	202	1046654	55.553	ng	# 97
81) Benzo(a)anthracene	13.84	228	501422	34.104	ng	# 96
83) Chrysene	13.84	228	501422	33.564	ng	# 97
86) Indeno(1,2,3-cd)pyrene	16.57	276	270625	20.551	ng	# 95
88) Benzo(b)fluoranthene	14.83	252	854340	46.313	ng	# 98
89) Benzo(k)fluoranthene	14.83	252	854340	53.676	ng	# 99
90) Benzo(a)pyrene	15.17	252	479589	30.921	ng	# 99
91) Dibenzo(a,h)anthracene	16.73	278	60068	4.372	ng	# 96
92) Benzo(g,h,i)perylene	16.98	276	256900	18.943	ng	# 97

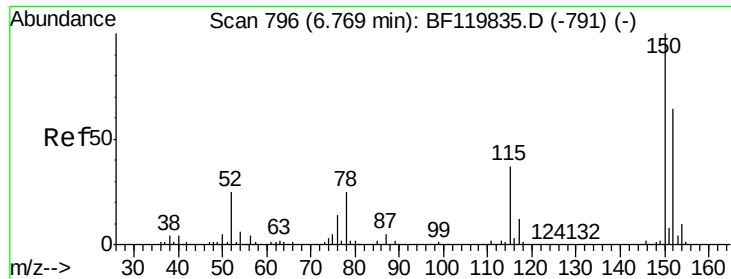
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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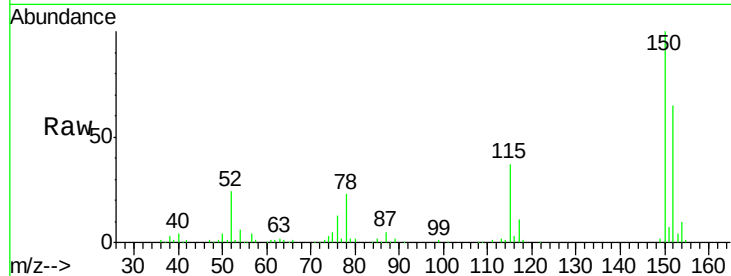




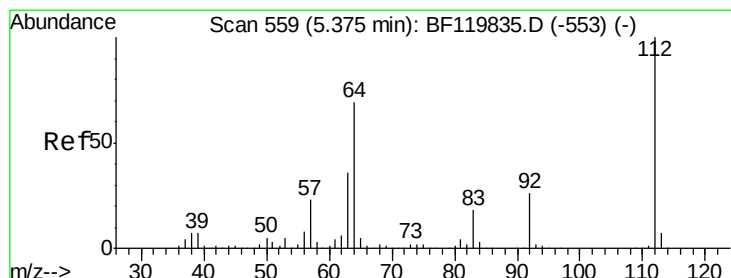
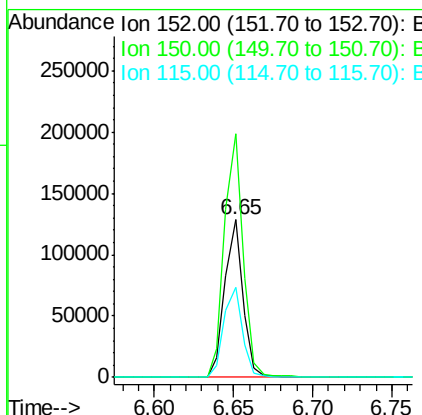
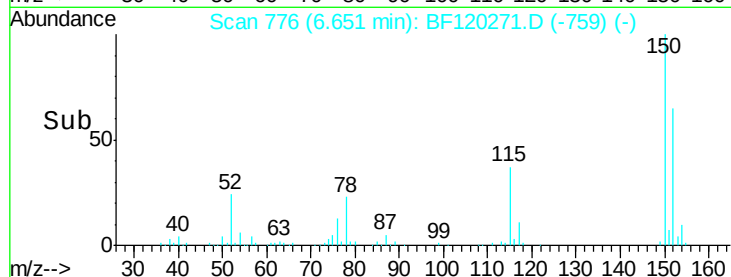
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF120271.D
 Acq: 1 May 2020 21:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 102900
 Ion Ratio Lower Upper
 152 100
 150 154.6 124.5 186.7
 115 57.1 49.6 74.4

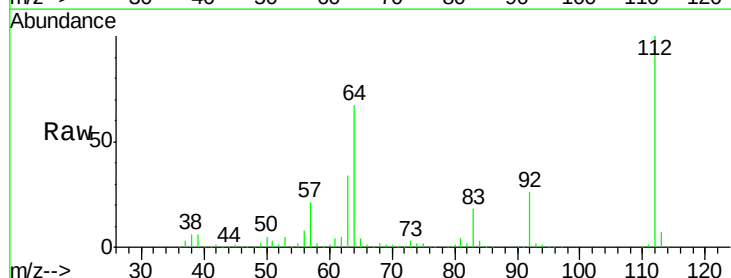


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

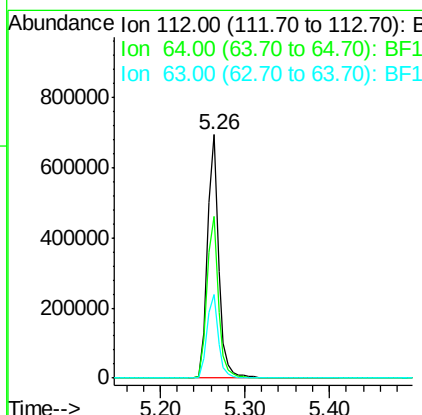
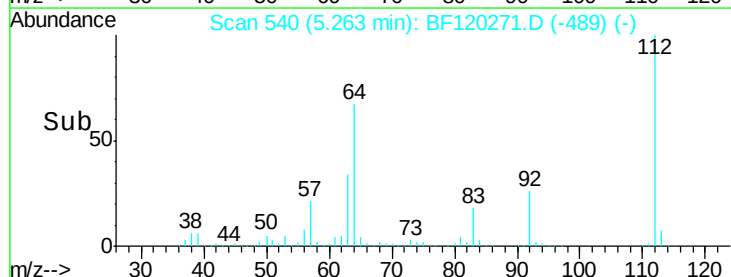


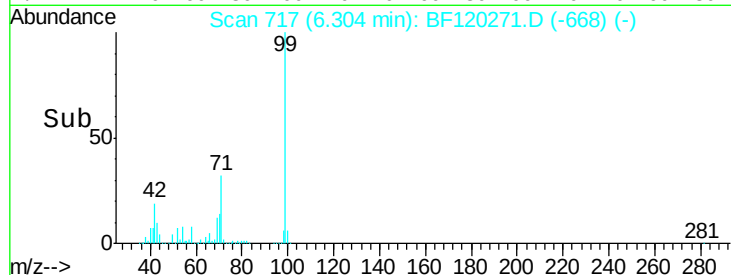
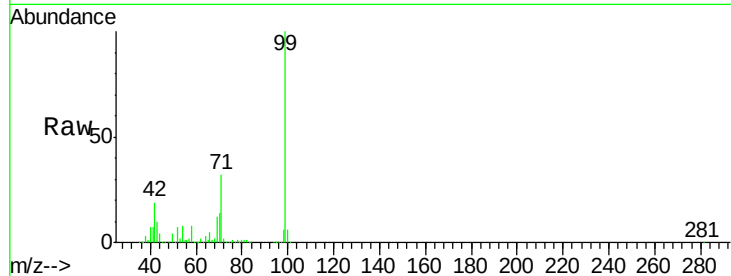
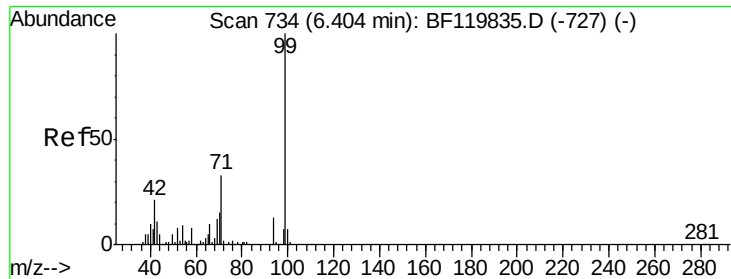
#5
 2-Fluorophenol
 Concen: 108.488 ng
 RT: 5.26 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF120271.D
 Acq: 1 May 2020 21:13

Tgt Ion:112 Resp: 645961
 Ion Ratio Lower Upper
 112 100
 64 66.6 56.7 85.1
 63 34.4 29.5 44.3



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: 107.378 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF120271.D

Acq: 1 May 2020 21:13

Instrument :

BNA_F

ClientSampleId :

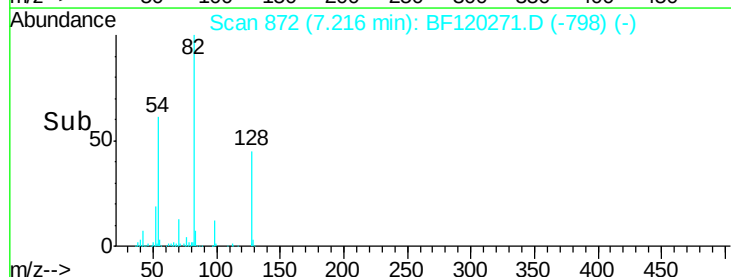
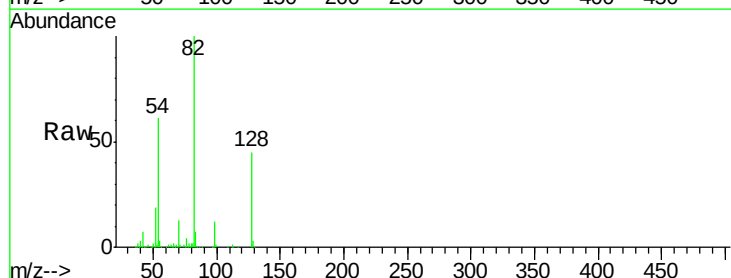
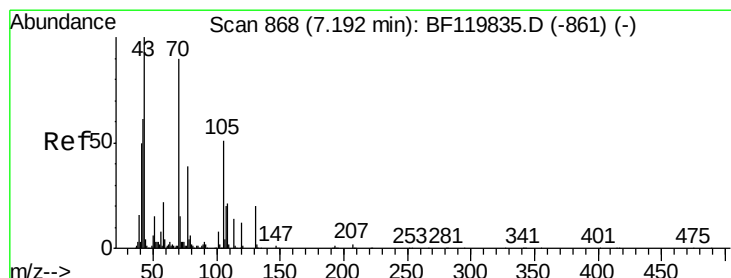
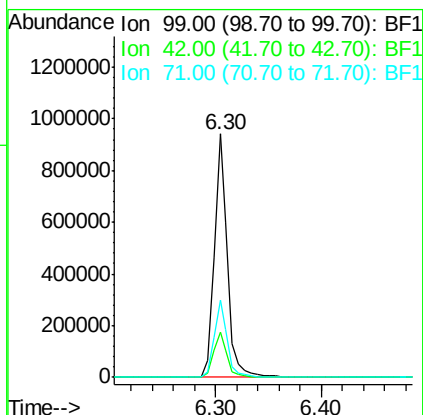
Tot Ion: 99 Resp: 823839

Ion Ratio Lower Upper

99 100

42 18.8 16.6 24.8

71 31.7 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 12.497 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.14 min

Lab File: BF120271.D

Acq: 1 May 2020 21:13

Tgt Ion: 70 Resp: 61658

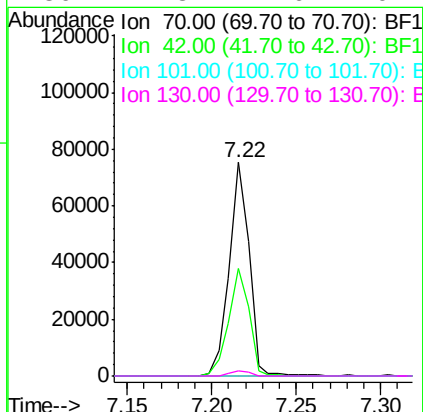
Ion Ratio Lower Upper

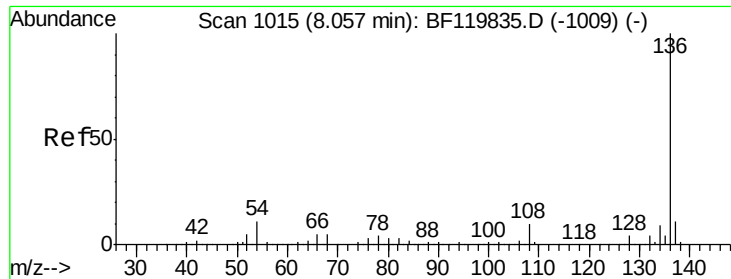
70 100

42 50.2 54.5 81.7#

101 0.0 7.6 11.4#

130 2.3 17.6 26.4#

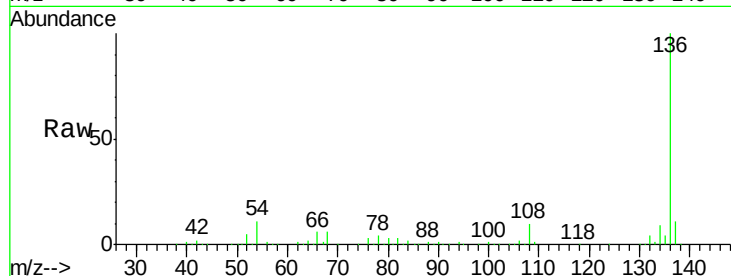




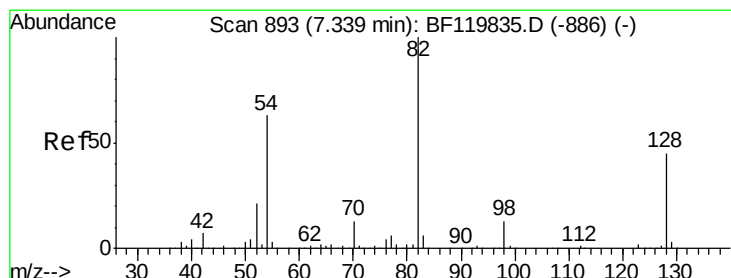
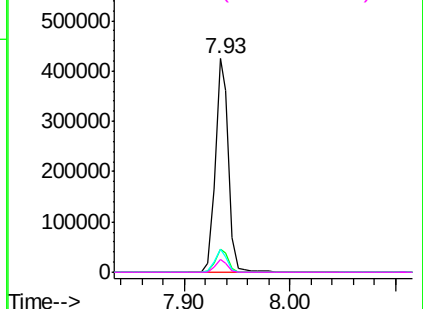
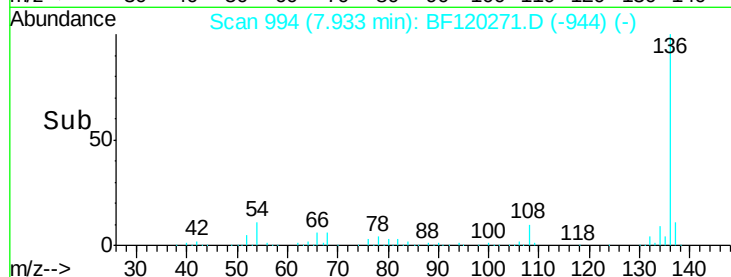
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF120271.D
Acq: 1 May 2020 21:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 376695
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 11.0 9.1 13.7
68 6.0 4.6 6.8

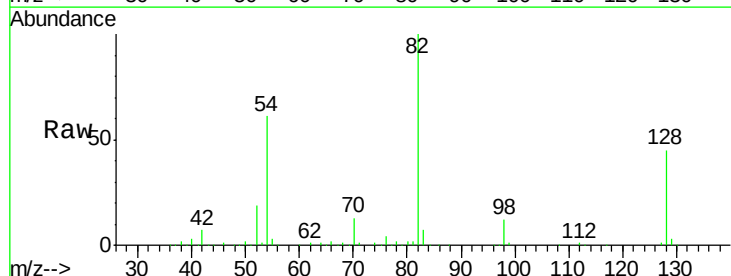


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

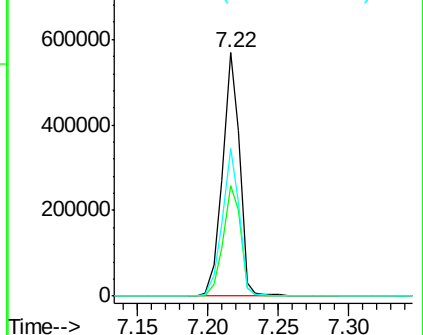
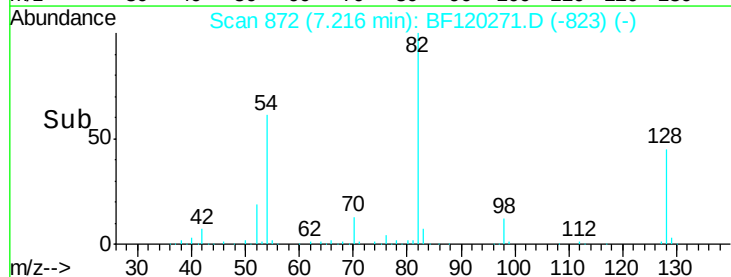


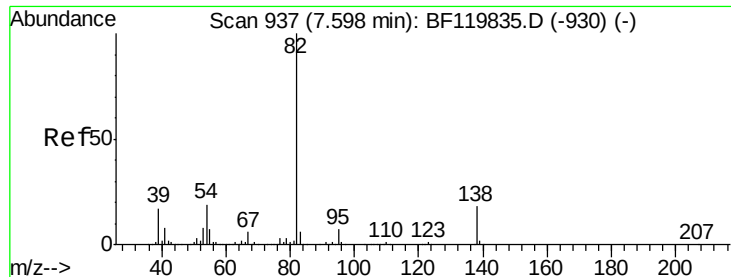
#23
Nitrobenzene-d5
Concen: 65.879 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF120271.D
Acq: 1 May 2020 21:13

Tgt Ion: 82 Resp: 479697
Ion Ratio Lower Upper
82 100
128 45.4 36.3 54.5
54 60.7 50.6 75.8



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: 34.175 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.27 min

Lab File: BF120271.D

Acq: 1 May 2020 21:13

Instrument :

BNA_F

ClientSampleId :

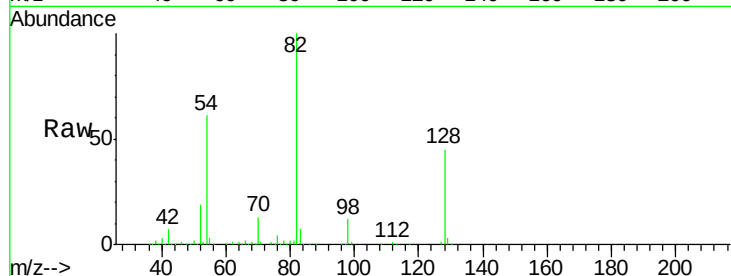
Tot Ion: 82 Resp: 479693

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

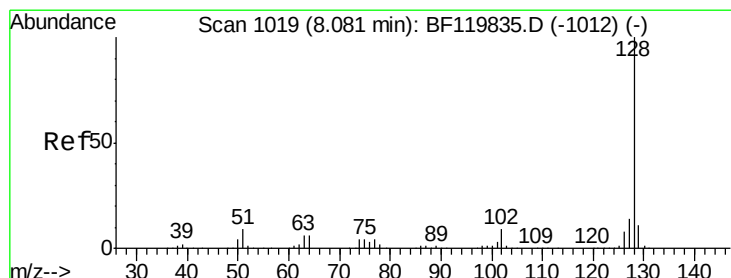
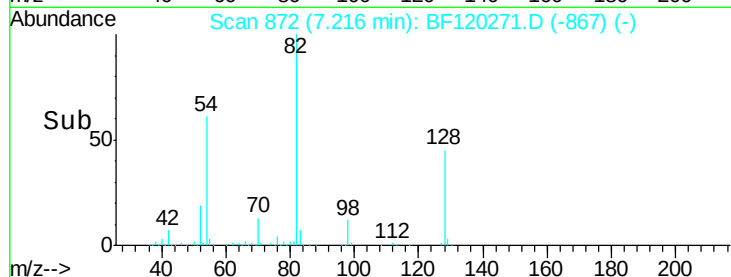
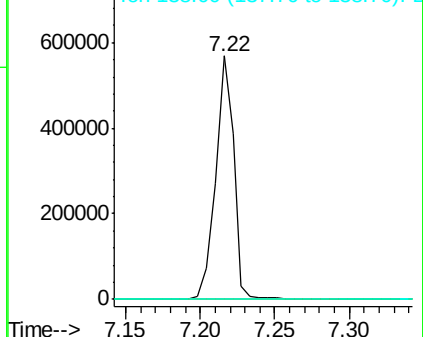
138 0.0 14.6 21.8#



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



#31

Naphthalene

Concen: 6.854 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF120271.D

Acq: 1 May 2020 21:13

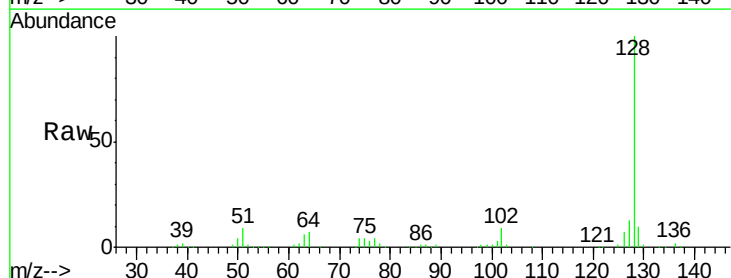
Tgt Ion: 128 Resp: 135830

Ion Ratio Lower Upper

128 100

129 10.1 9.5 14.3

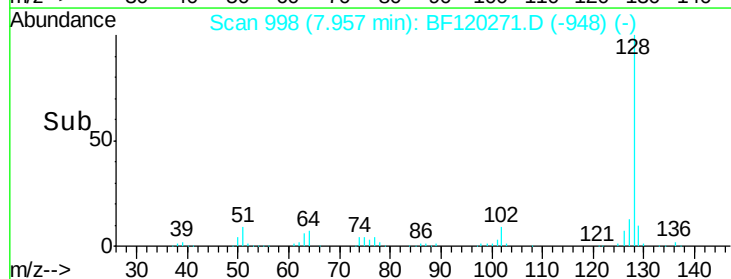
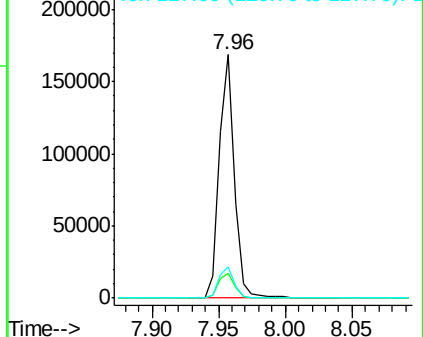
127 12.6 11.3 16.9

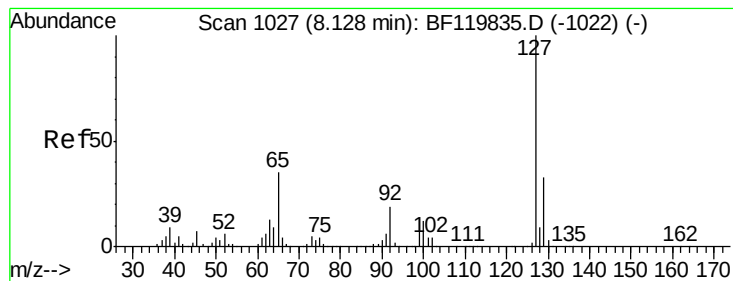


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#33

4-Chloroaniline

Concen: 2.015 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.06 min

Lab File: BF120271.D

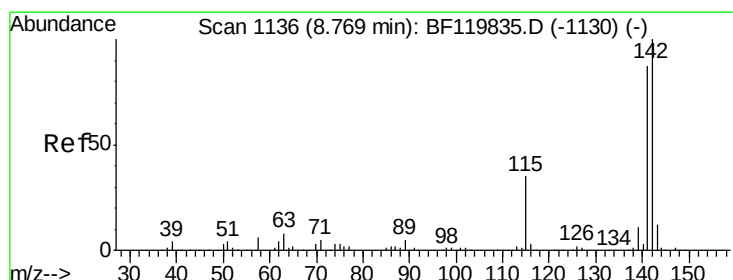
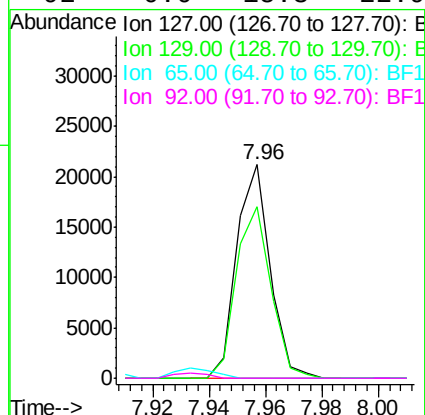
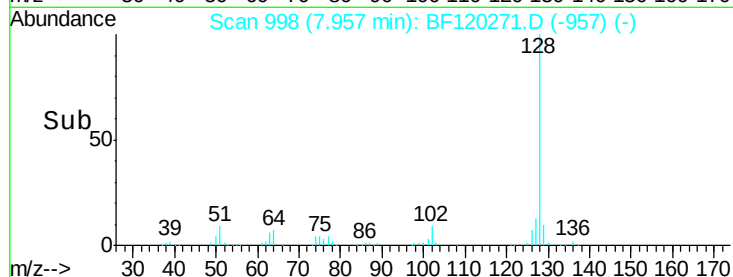
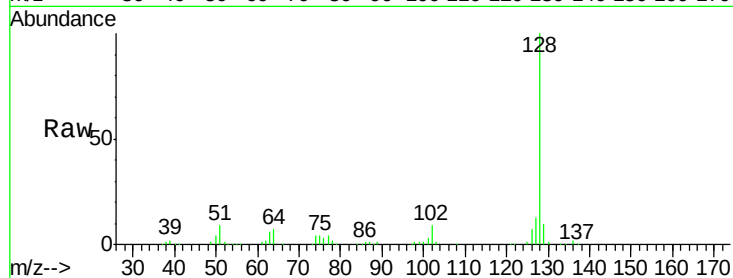
Acq: 1 May 2020 21:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	17386
Ion	Ratio	Lower	Upper
127	100		
129	80.1	26.2	39.4#
65	0.0	27.4	41.0#
92	0.0	15.3	22.9#



#37

2-Methylnaphthalene

Concen: 2.580 ng

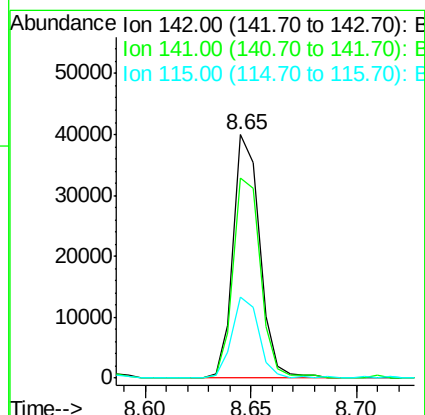
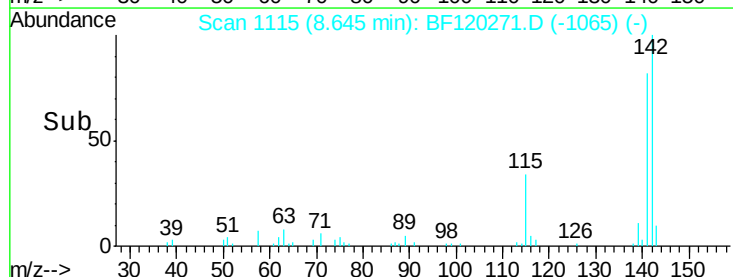
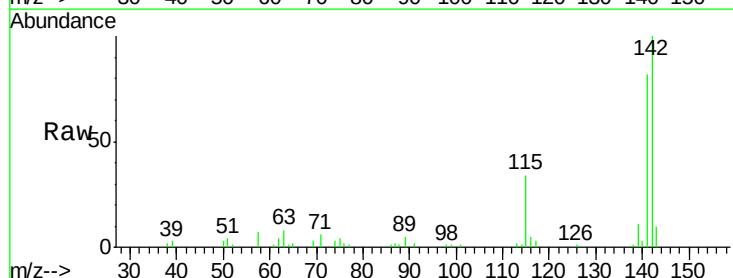
RT: 8.65 min Scan# 1115

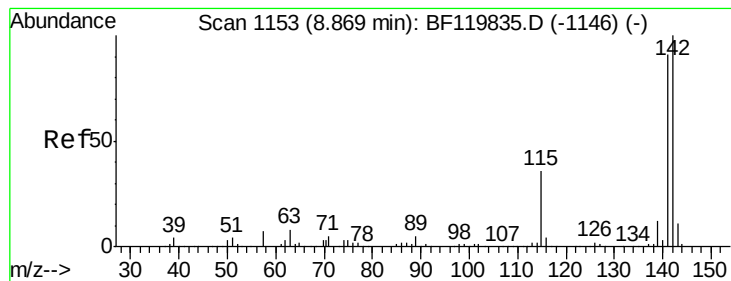
Delta R.T. -0.01 min

Lab File: BF120271.D

Acq: 1 May 2020 21:13

Tgt Ion:	142	Resp:	34660
Ion	Ratio	Lower	Upper
142	100		
141	82.4	71.7	107.5
115	33.6	27.9	41.9





#38

1-Methylnaphthalene

Concen: 2.125 ng

RT: 8.75 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BF120271.D

Acq: 1 May 2020 21:13

Instrument :

BNA_F

ClientSampleId :

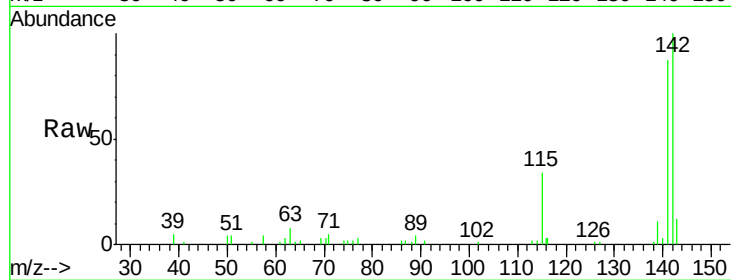
Tot Ion:142 Resp: 26913

Ion Ratio Lower Upper

142 100

141 86.9 73.7 110.5

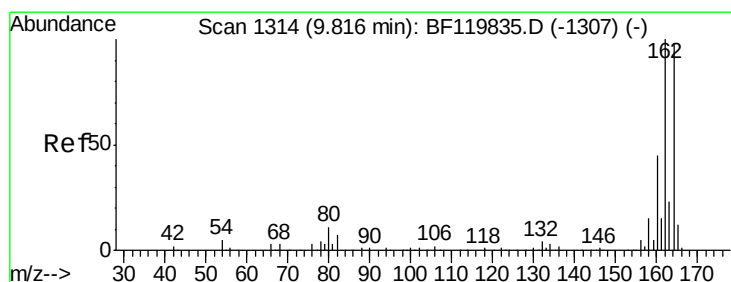
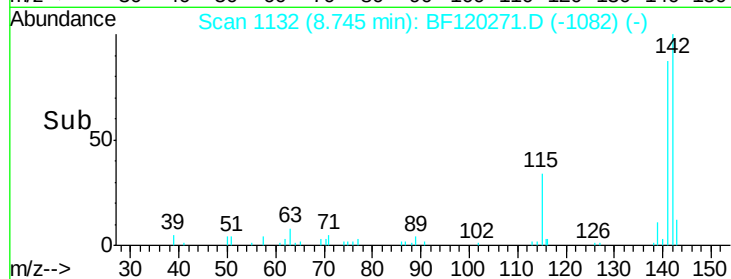
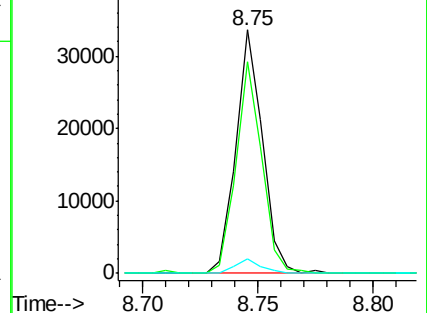
116 6.0 3.0 4.6#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF120271.D

Acq: 1 May 2020 21:13

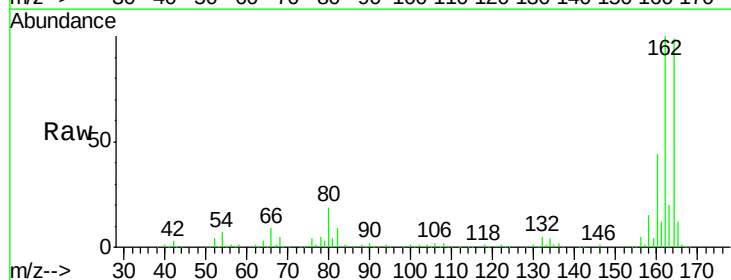
Tgt Ion:164 Resp: 163099

Ion Ratio Lower Upper

164 100

162 100.6 80.6 121.0

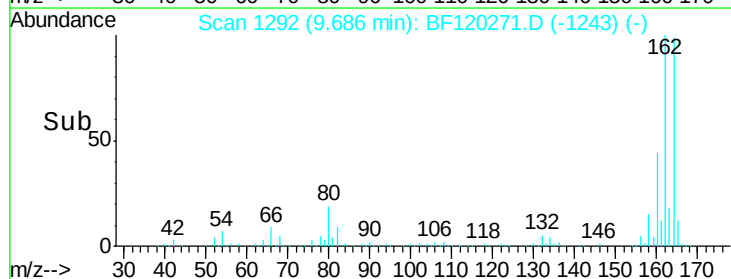
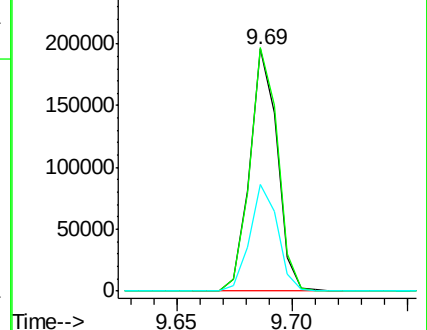
160 44.1 35.7 53.5

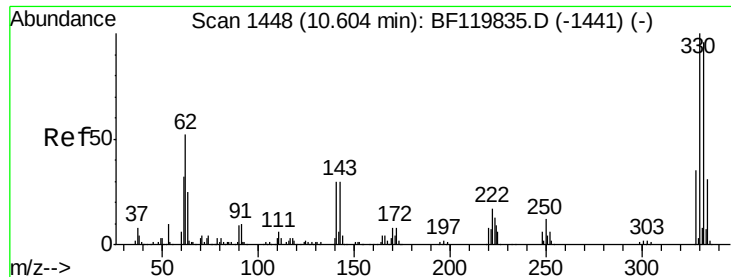


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

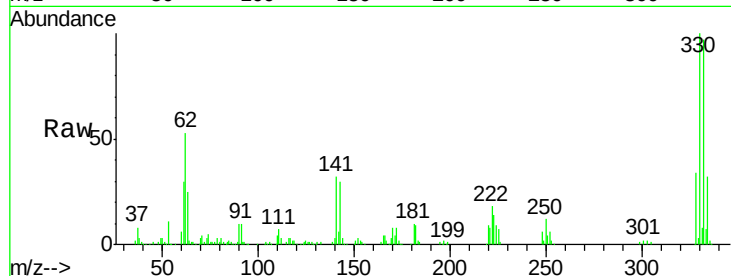




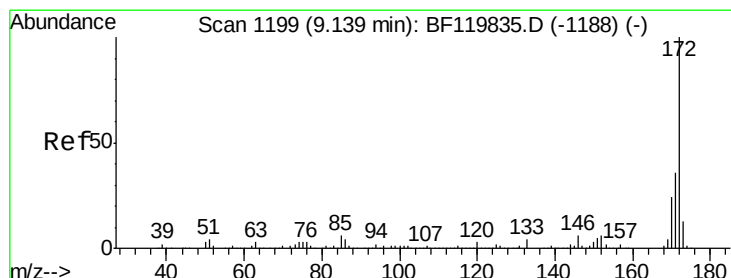
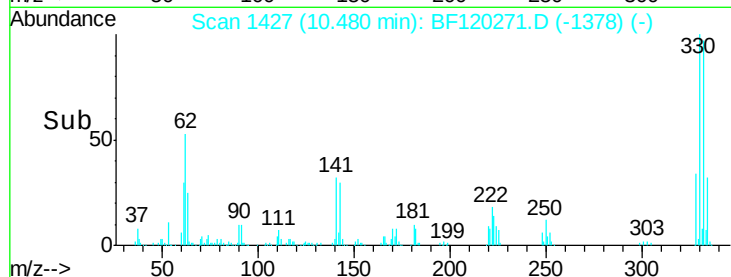
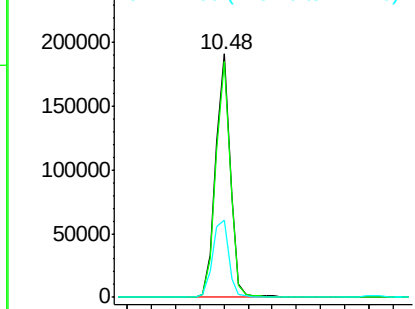
#42
 2,4,6-Tribromophenol
 Concen: 79.305 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF120271.D
 Acq: 1 May 2020 21:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.7	113.5
141	35.7	25.4	38.0

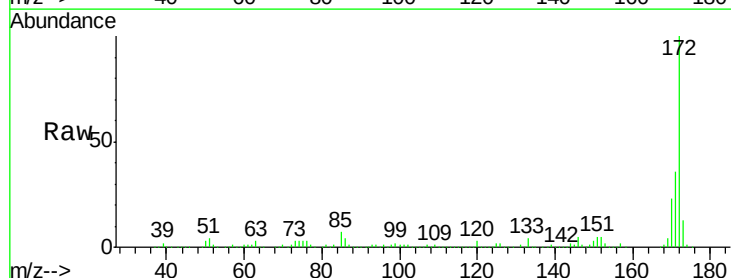


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

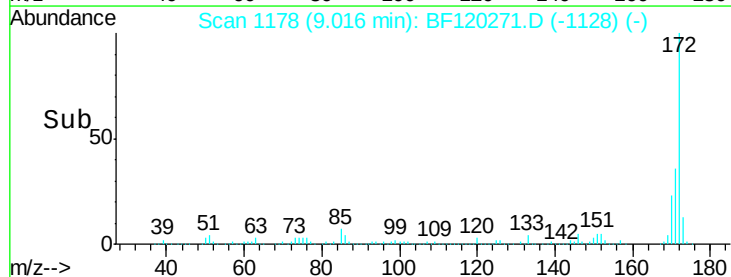
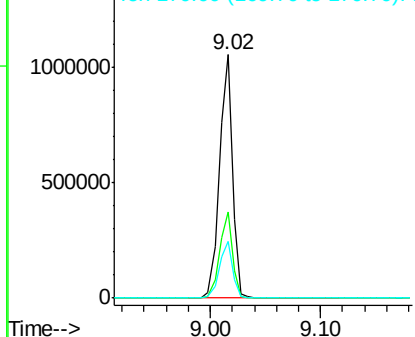


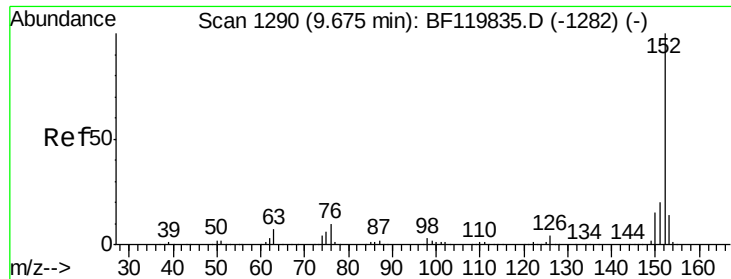
#45
 2-Fluorobiphenyl
 Concen: 75.064 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF120271.D
 Acq: 1 May 2020 21:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.4	20.2	30.2



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

Acenaphthylene

Concen: 5.161 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF120271.D

Acq: 1 May 2020 21:13

Instrument :

BNA_F

ClientSampleId :

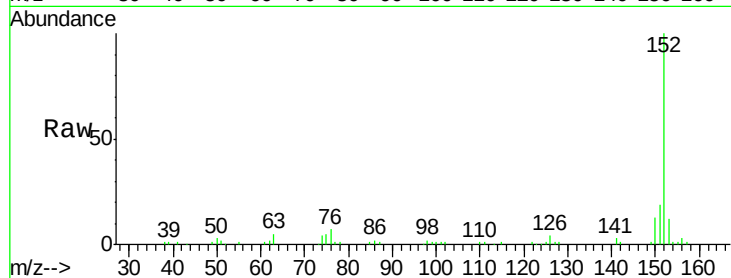
Tot Ion:152 Resp: 83237

Ion Ratio Lower Upper

152 100

151 19.4 17.2 25.8

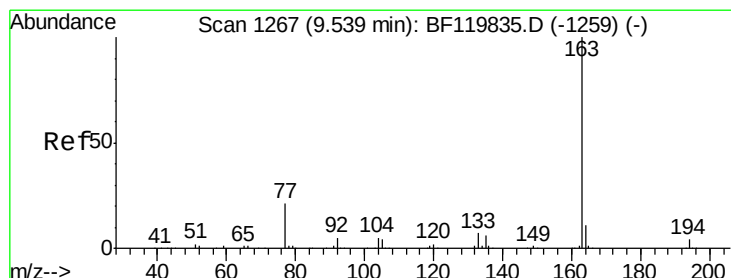
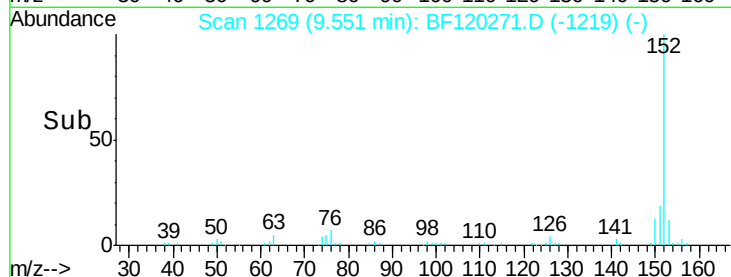
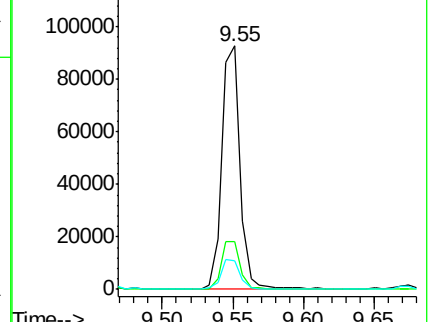
153 11.8 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 3.685 ng

RT: 9.41 min Scan# 1245

Delta R.T. -0.02 min

Lab File: BF120271.D

Acq: 1 May 2020 21:13

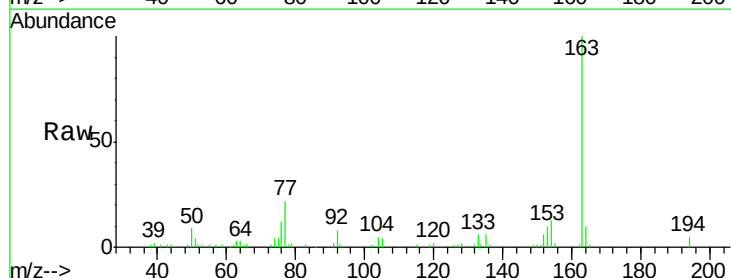
Tgt Ion:163 Resp: 46492

Ion Ratio Lower Upper

163 100

194 4.9 3.1 4.7#

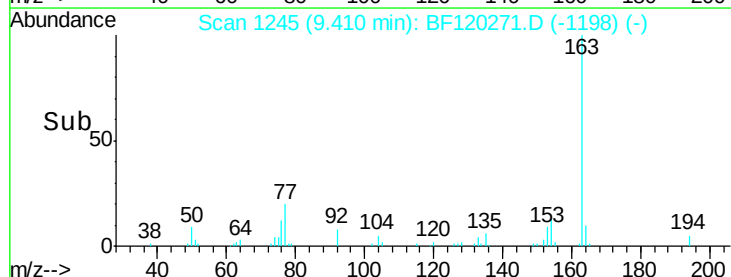
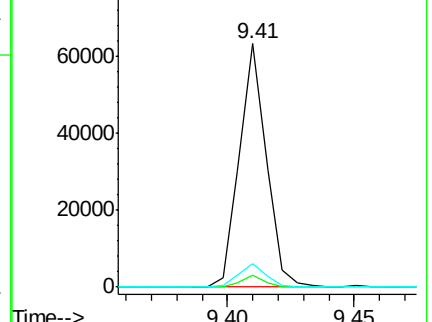
164 9.8 8.2 12.2

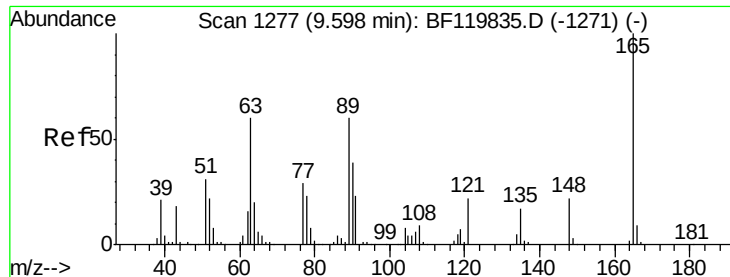


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

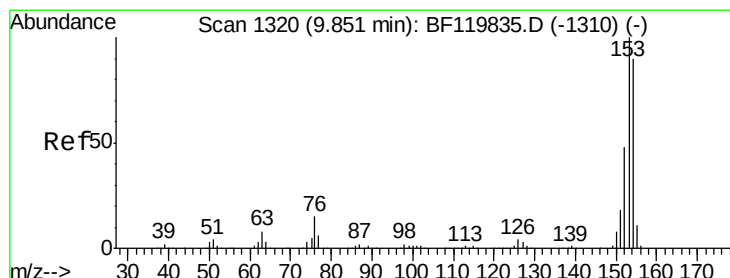
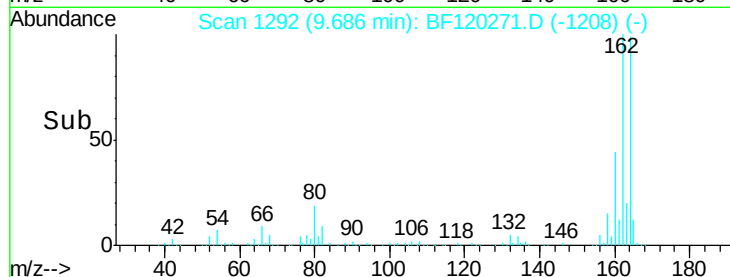
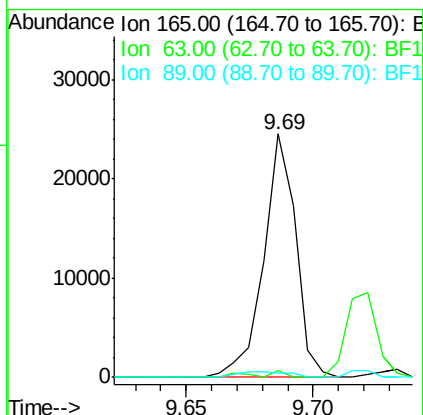
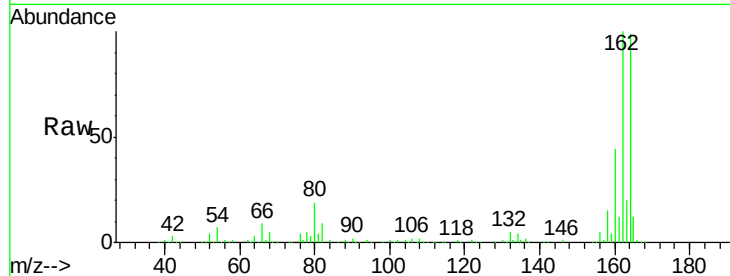




#51
2,6-Dinitrotoluene
Concen: 7.921 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.19 min
Lab File: BF120271.D
Acq: 1 May 2020 21:13

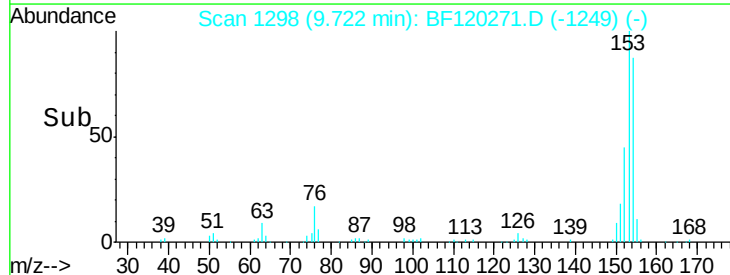
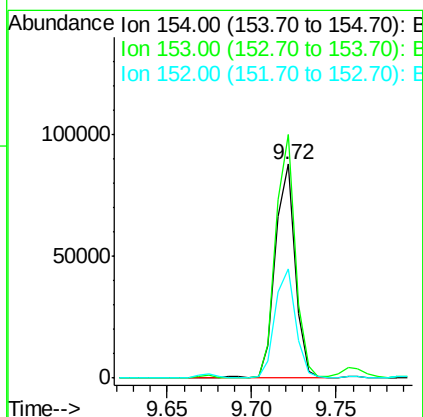
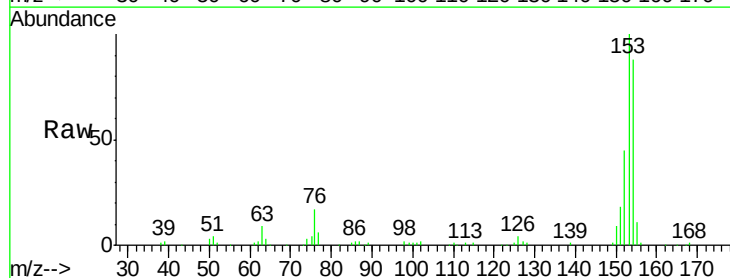
Instrument :
BNA_F
ClientSampleId :

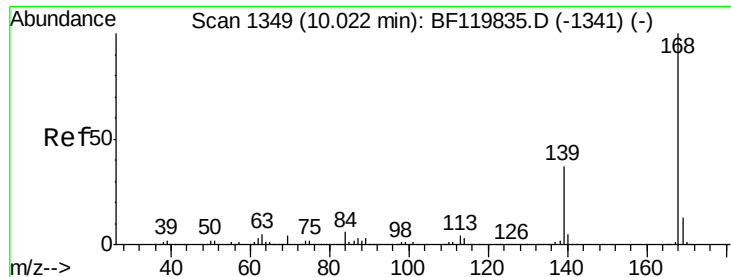
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.9	45.0	67.4#
89	1.9	41.5	62.3#



#52
Acenaphthene
Concen: 6.591 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF120271.D
Acq: 1 May 2020 21:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.0	88.1	132.1
152	51.0	43.0	64.4

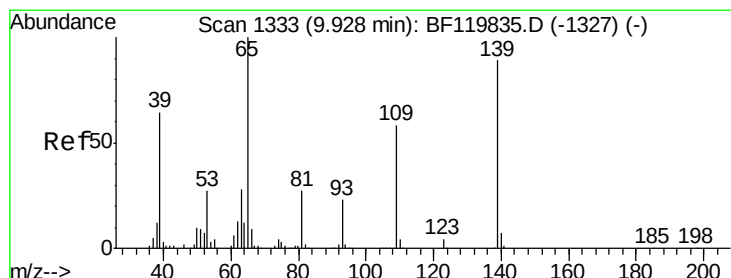
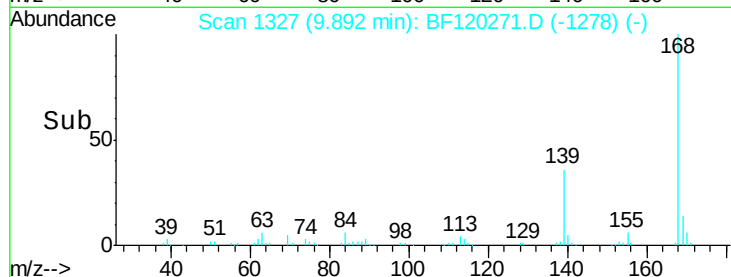
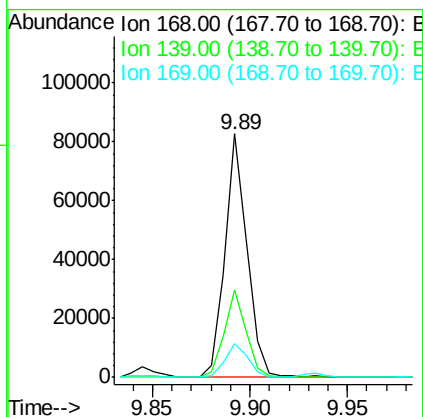
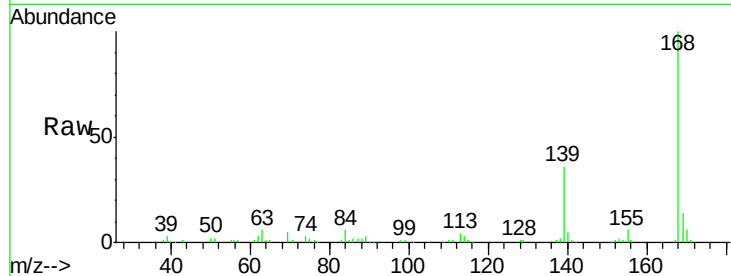




#55
Dibenzofuran
Concen: 4.402 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF120271.D
Acq: 1 May 2020 21:13

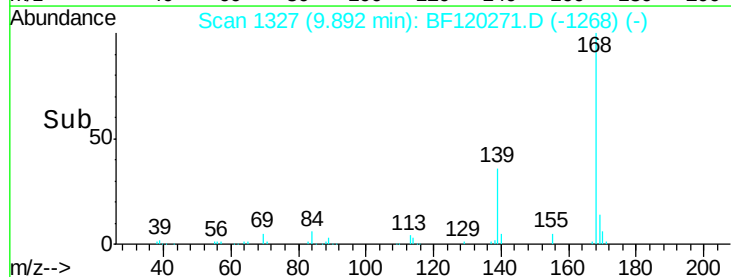
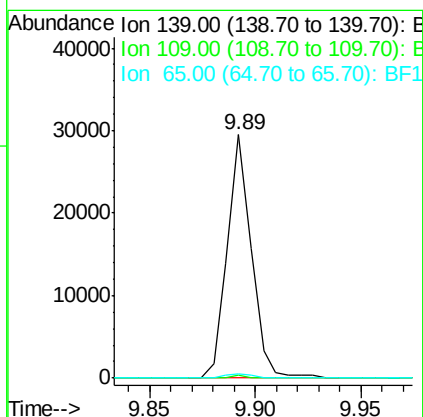
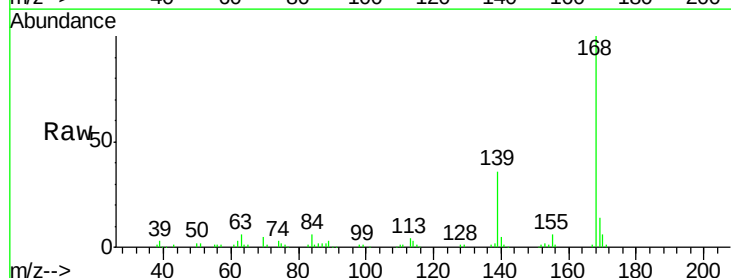
Instrument :
BNA_F
ClientSampled :

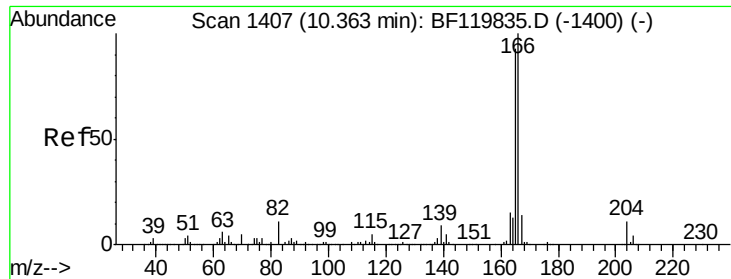
Tot Ion:168 Resp: 64989
Ion Ratio Lower Upper
168 100
139 35.7 30.1 45.1
169 13.6 11.0 16.6



#56
4-Nitrophenol
Concen: 9.891 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.05 min
Lab File: BF120271.D
Acq: 1 May 2020 21:13

Tgt Ion:139 Resp: 23221
Ion Ratio Lower Upper
139 100
109 1.3 43.3 83.3#
65 1.9 91.0 131.0#





#58

Fluorene

Concen: 7.978 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BF120271.D

Acq: 1 May 2020 21:13

Instrument :

BNA_F

ClientSampleId :

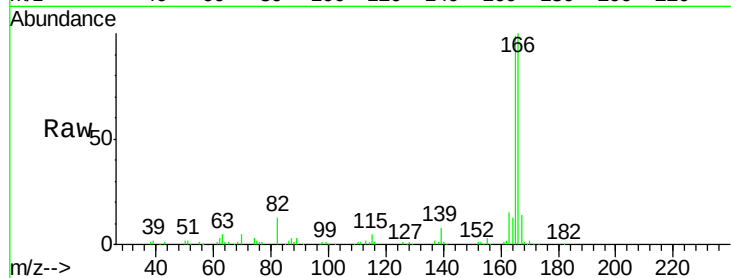
Tot Ion:166 Resp: 94202

Ion Ratio Lower Upper

166 100

165 99.4 75.4 113.2

167 13.5 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

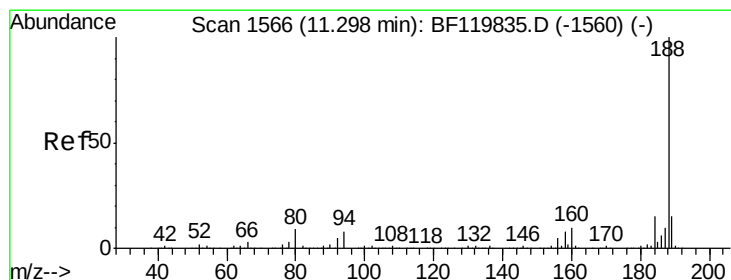
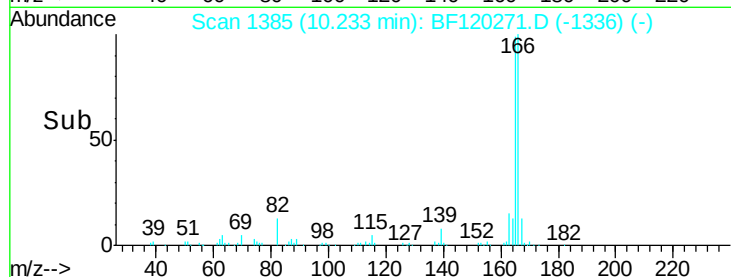
10.23

100000

50000

0

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BF120271.D

Acq: 1 May 2020 21:13

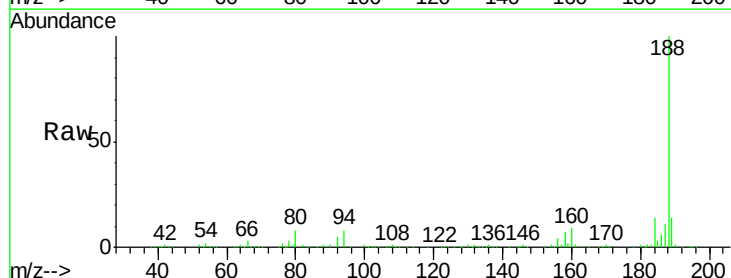
Tgt Ion:188 Resp: 280326

Ion Ratio Lower Upper

188 100

94 8.1 7.5 11.3

80 8.1 9.0 13.4#



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

11.17

400000

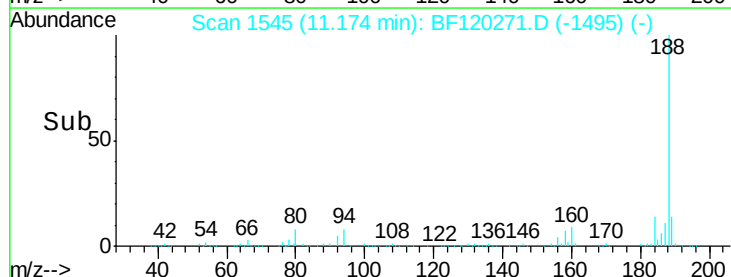
300000

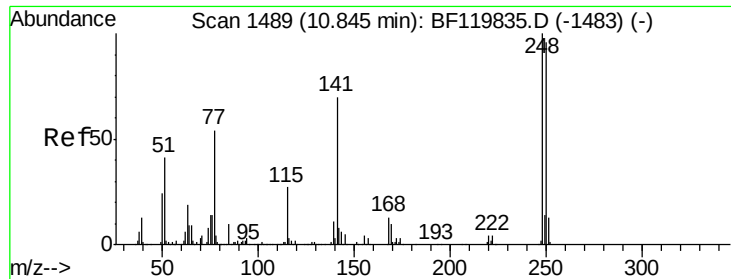
200000

100000

0

Time-->

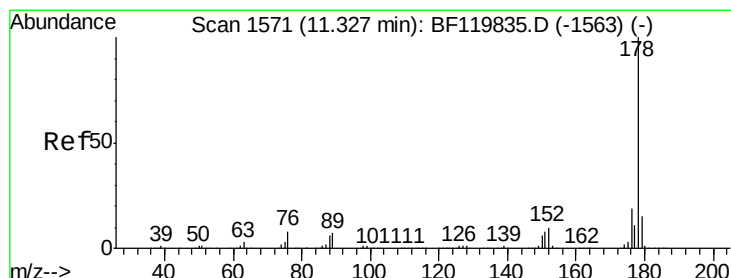
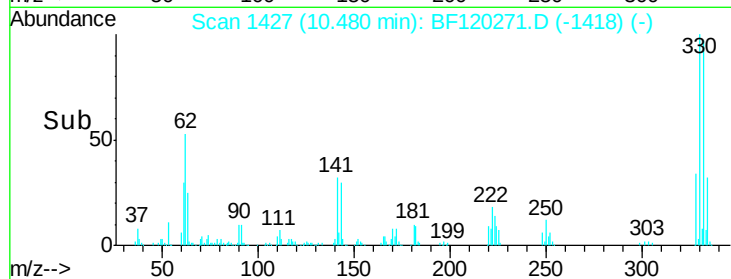
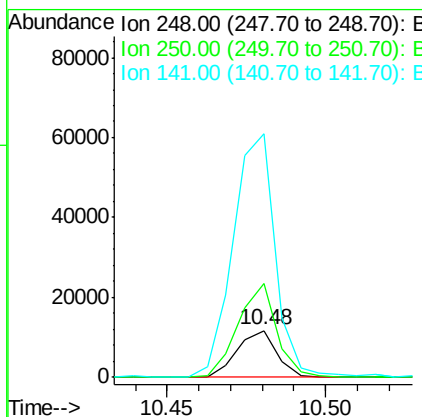
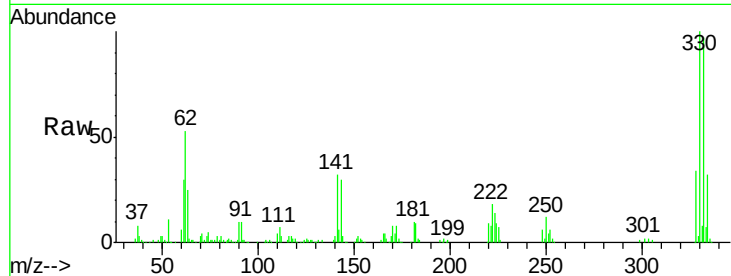




#67
 4-Bromophenyl-phenylether
 Concen: 2.894 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.25 min
 Lab File: BF120271.D
 Acq: 1 May 2020 21:13

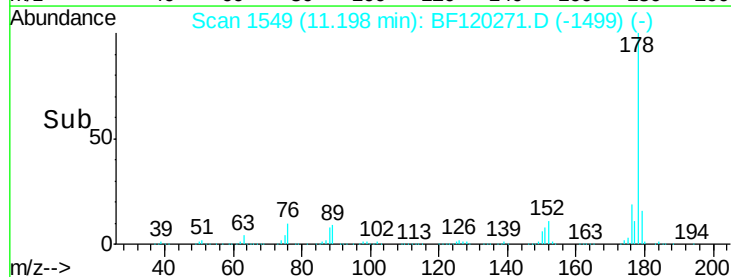
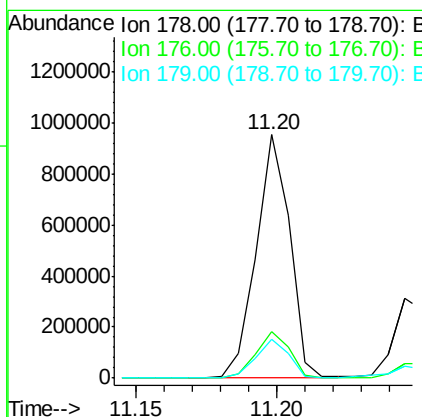
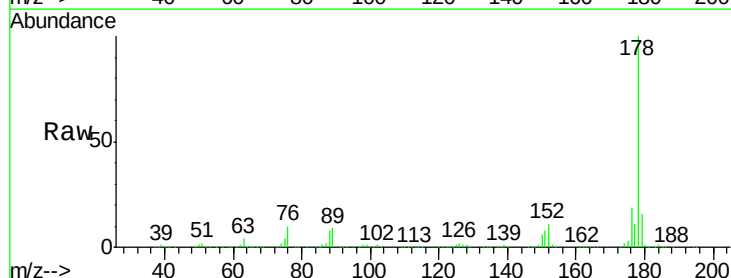
Instrument :
 BNA_F
 ClientSampleId :

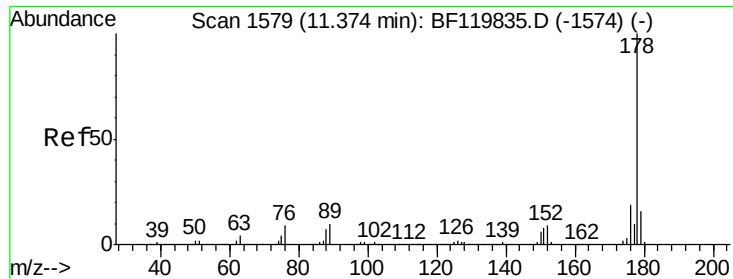
Tot Ion:248 Resp: 10090
 Ion Ratio Lower Upper
 248 100
 250 198.6 77.3 115.9#
 141 517.7 58.6 87.8#



#71
 Phenanthrene
 Concen: 52.791 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF120271.D
 Acq: 1 May 2020 21:13

Tgt Ion:178 Resp: 787596
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.2 24.4
 179 15.8 13.2 19.8





#72

Anthracene

Concen: 17.478 ng

RT: 11.25 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF120271.D

Acq: 1 May 2020 21:13

Instrument :

BNA_F

ClientSampleId :

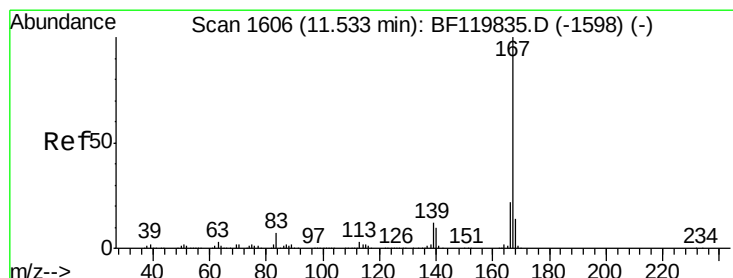
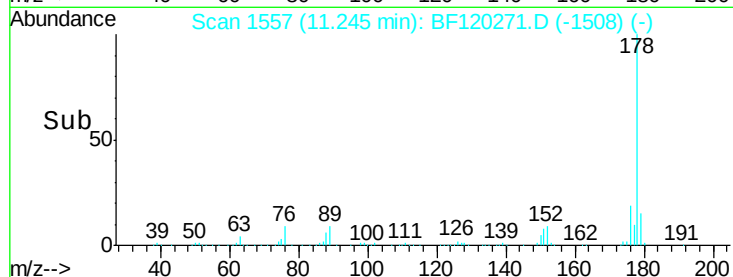
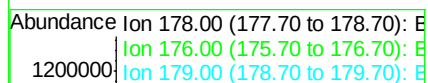
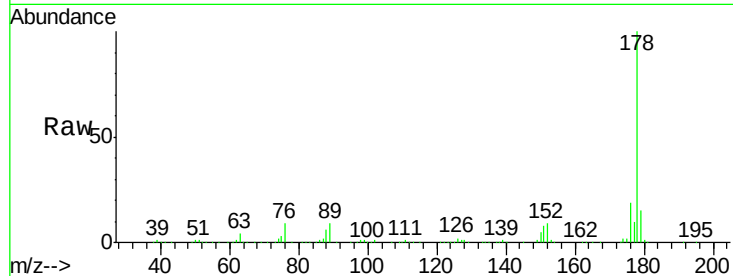
Tot Ion:178 Resp: 266376

Ion Ratio Lower Upper

178 100

176 18.5 16.1 24.1

179 14.9 13.0 19.4



#73

Carbazole

Concen: 3.747 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF120271.D

Acq: 1 May 2020 21:13

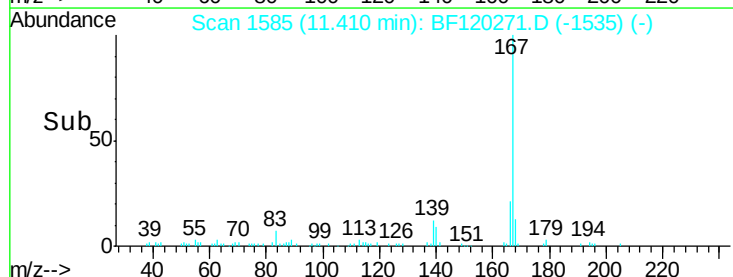
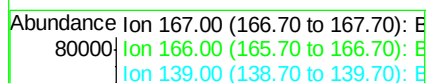
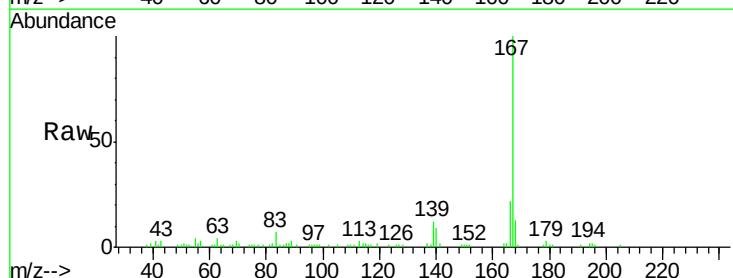
Tgt Ion:167 Resp: 54004

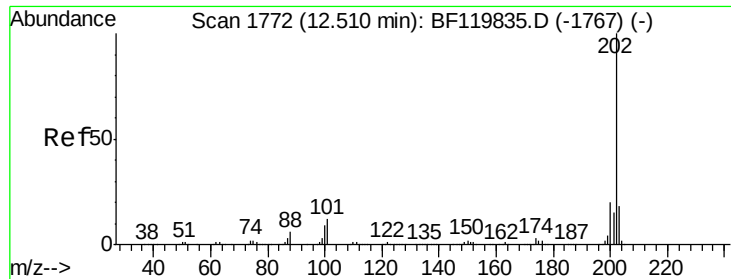
Ion Ratio Lower Upper

167 100

166 21.6 18.2 27.4

139 12.0 10.7 16.1

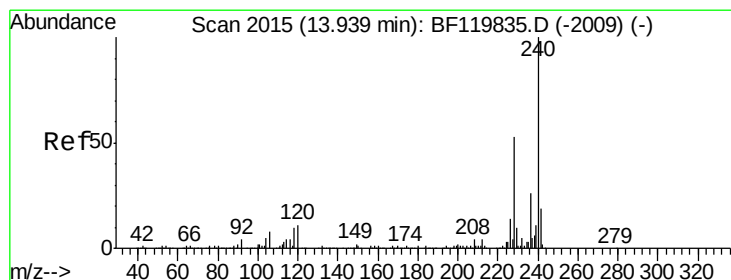
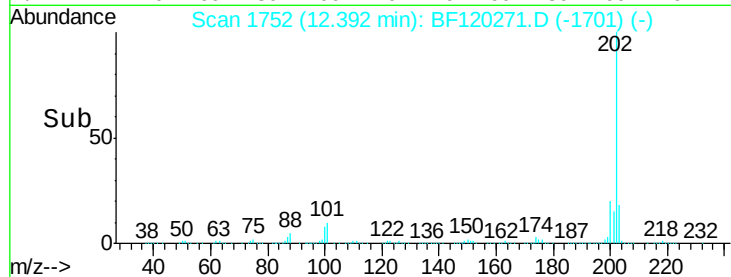
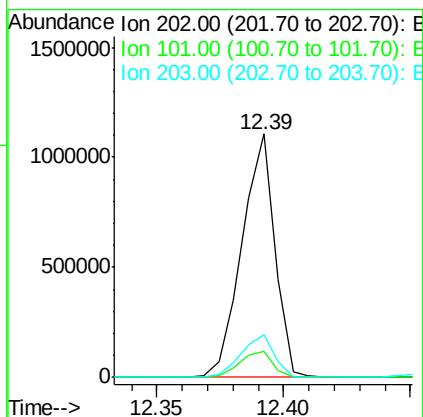
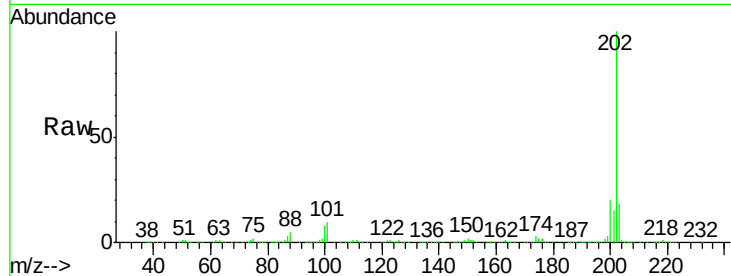




#75
Fluoranthene
Concen: 62.061 ng
RT: 12.39 min Scan# 1752
Delta R.T. 0.00 min
Lab File: BF120271.D
Acq: 1 May 2020 21:13

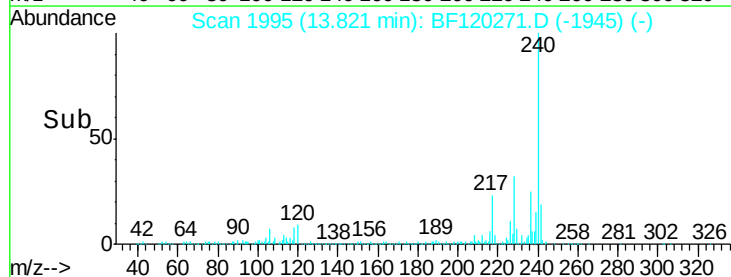
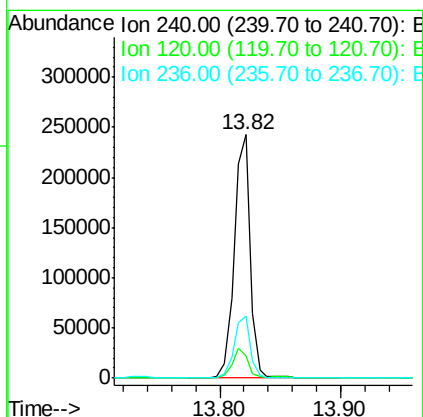
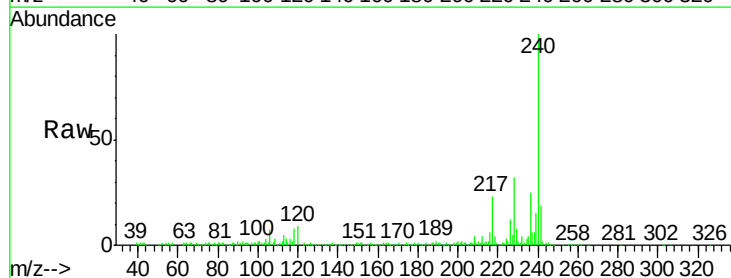
Instrument :
BNA_F
ClientSampled :

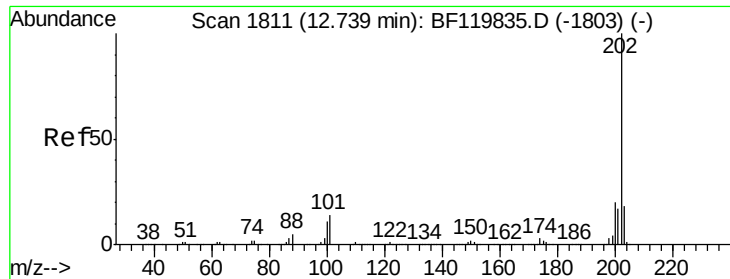
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	32.2
203	17.6	0.0	38.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF120271.D
Acq: 1 May 2020 21:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.3	10.6	15.8#
236	25.2	20.2	30.2





#78

Pvrene

Concen: 55.553 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF120271.D

Acq: 1 May 2020 21:13

Instrument :

BNA_F

ClientSampleId :

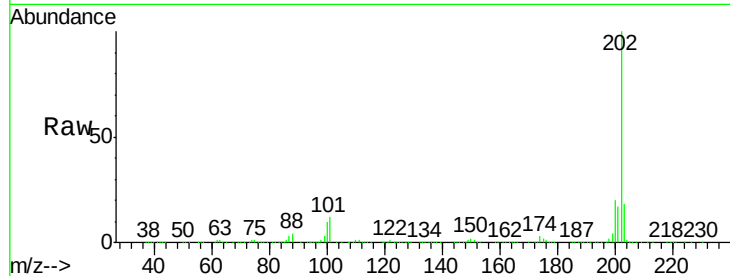
Tot Ion:202 Resp: 1046654

Ion Ratio Lower Upper

202 100

200 20.0 16.8 25.2

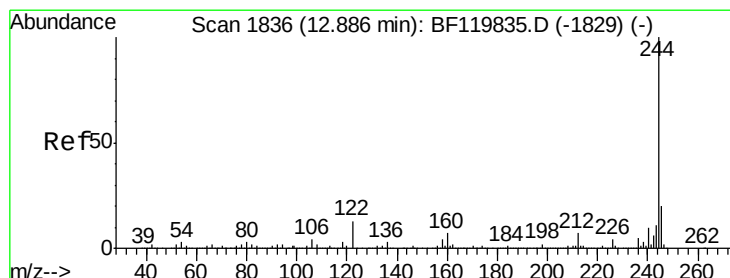
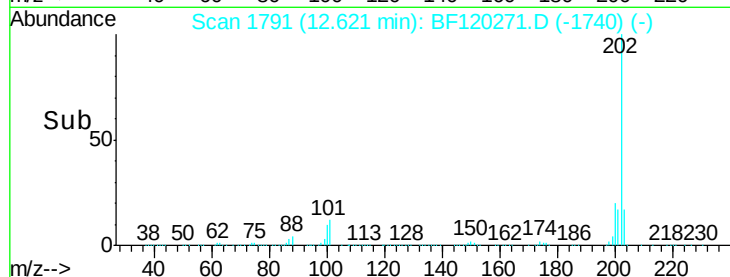
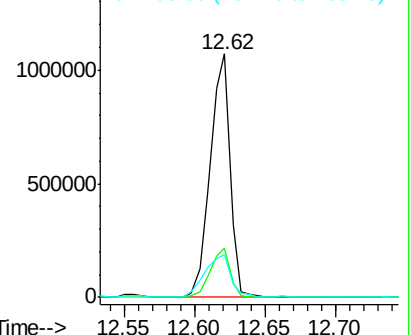
203 17.6 15.1 22.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 60.109 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF120271.D

Acq: 1 May 2020 21:13

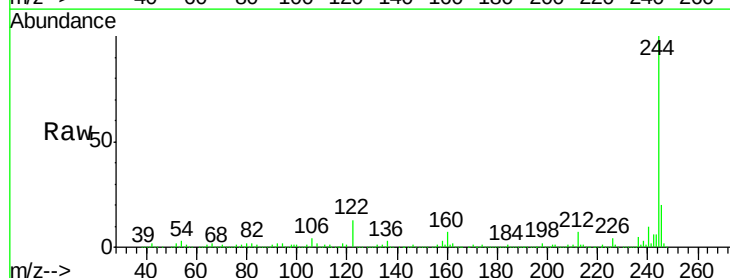
Tgt Ion:244 Resp: 798365

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

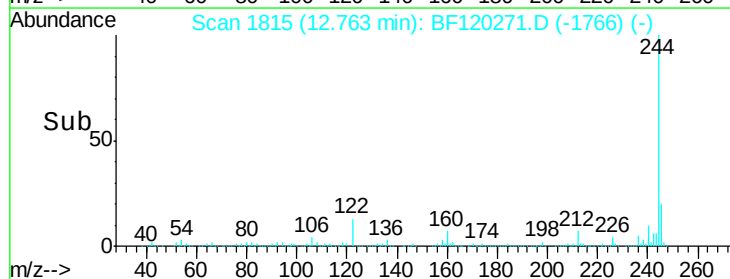
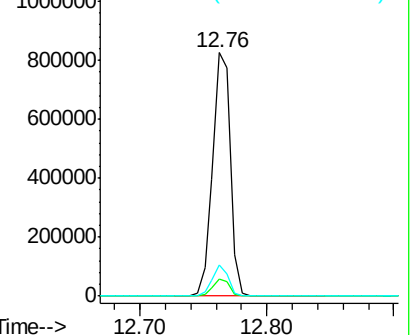
122 12.7 10.3 15.5

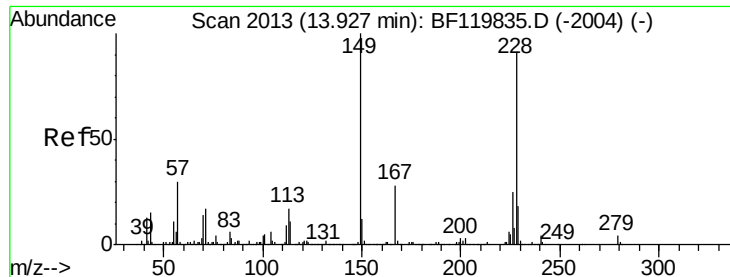


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 34.104 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.04 min

Lab File: BF120271.D

Acq: 1 May 2020 21:13

Instrument :

BNA_F

ClientSampleId :

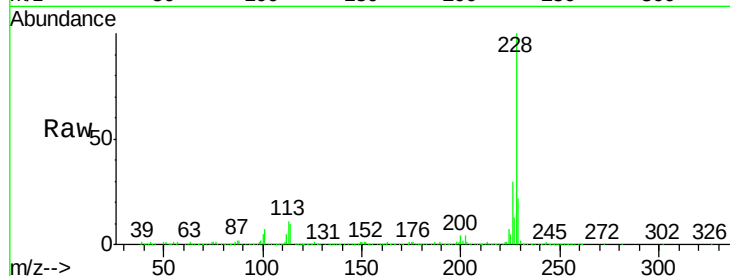
Tot Ion:228 Resp: 501422

Ion Ratio Lower Upper

228 100

226 29.8 21.8 32.8

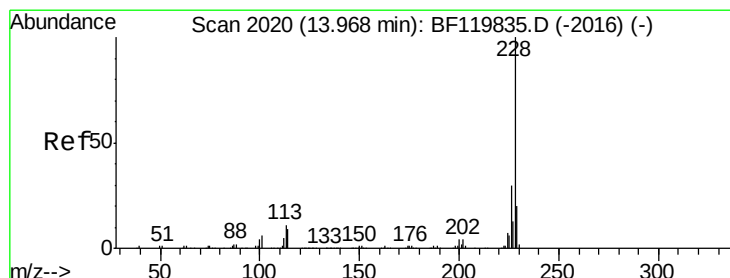
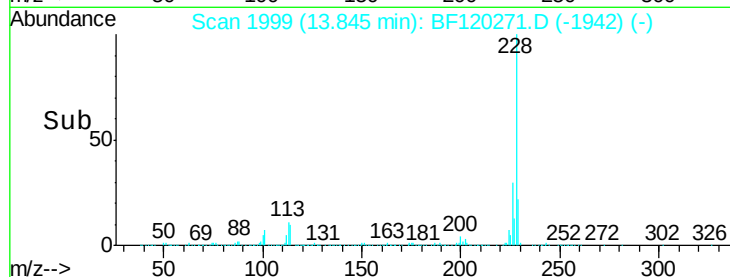
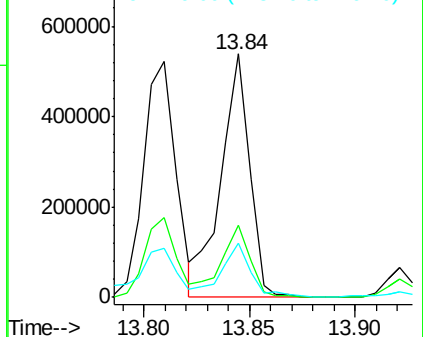
229 22.0 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 33.564 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF120271.D

Acq: 1 May 2020 21:13

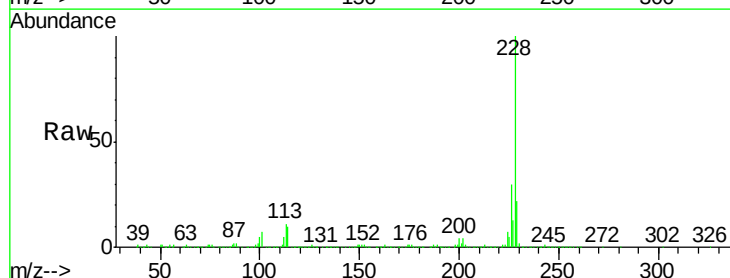
Tgt Ion:228 Resp: 501422

Ion Ratio Lower Upper

228 100

226 29.8 25.4 38.0

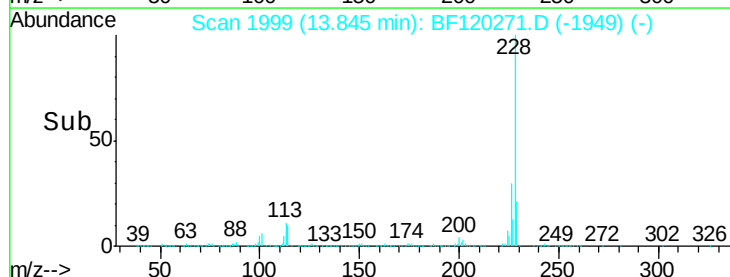
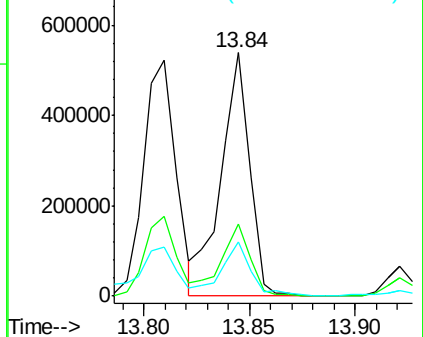
229 22.0 16.6 24.8

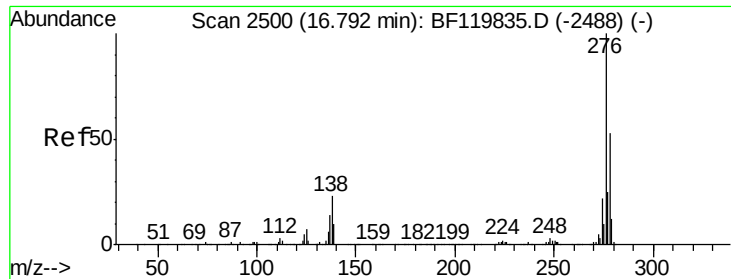


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

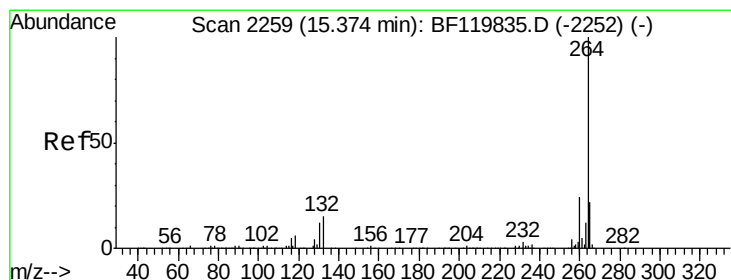
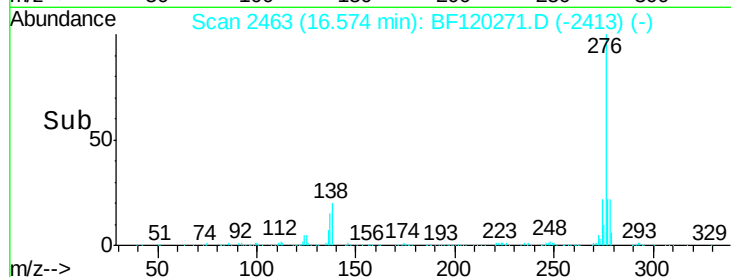
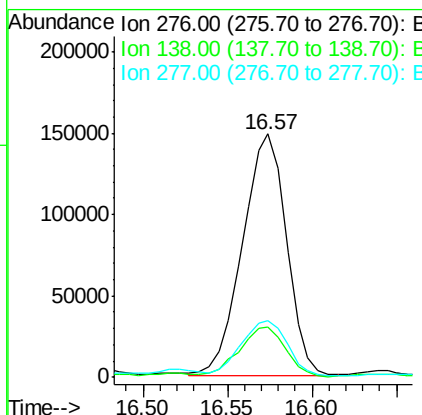
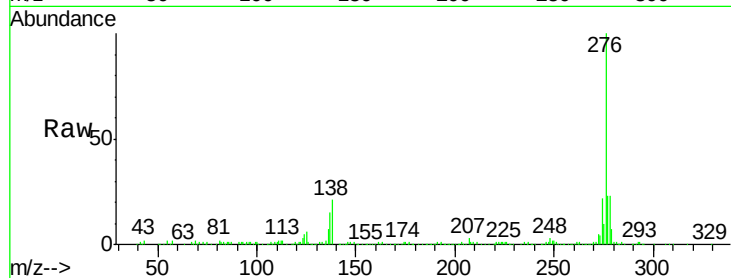




#86
Indeno(1,2,3-cd)pyrene
Concen: 20.551 ng
RT: 16.57 min Scan# 2463
Delta R.T. -0.01 min
Lab File: BF120271.D
Acq: 1 May 2020 21:13

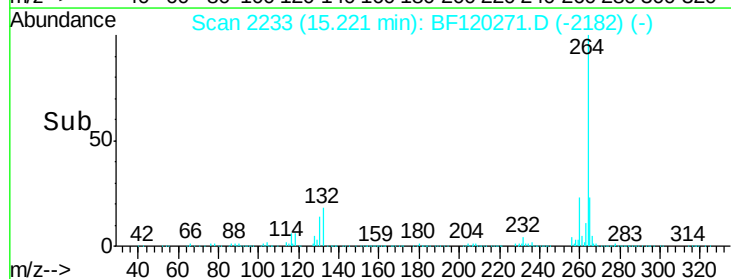
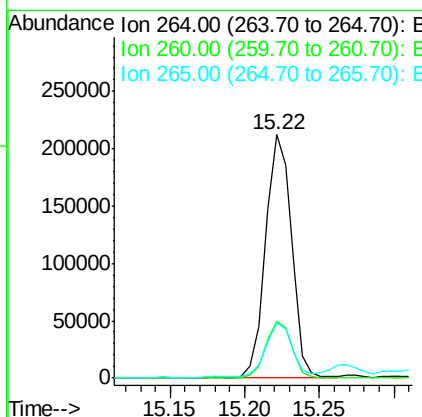
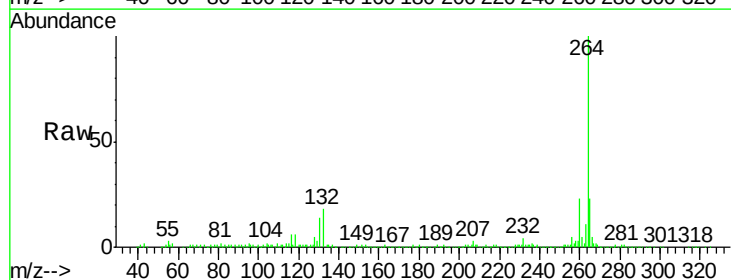
Instrument :
BNA_F
ClientSampleId :

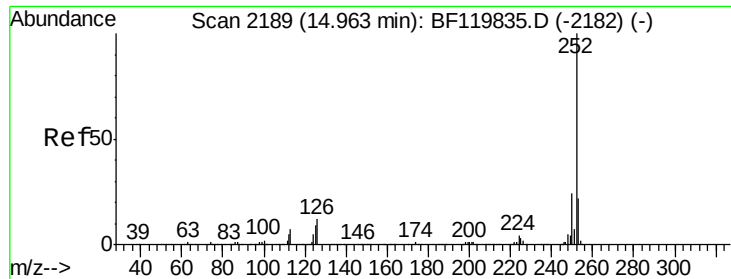
Tot Ion	Ratio	Lower	Upper
276	100		
138	21.1	19.6	29.4
277	23.8	20.0	30.0



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BF120271.D
Acq: 1 May 2020 21:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	22.9	17.7	26.5





#88

Benzo(b)fluoranthene

Concen: 46.313 ng

RT: 14.83 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BF120271.D

Acq: 1 May 2020 21:13

Instrument :

BNA_F

ClientSampleId :

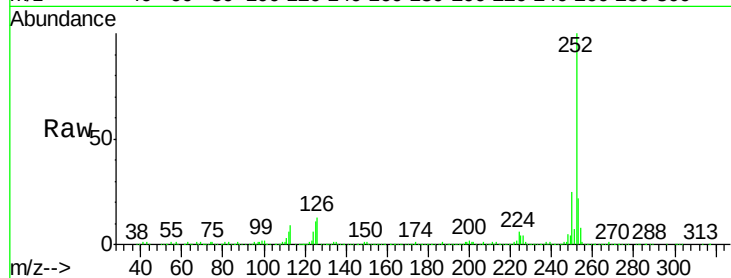
Tot Ion:252 Resp: 854340

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

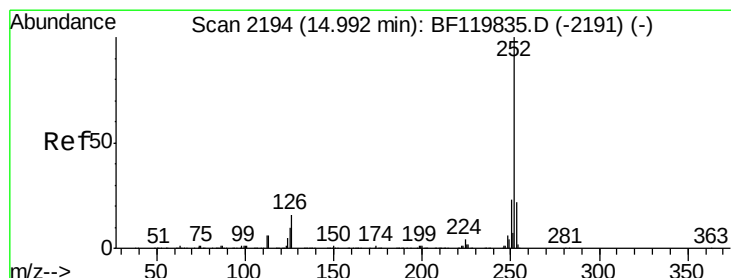
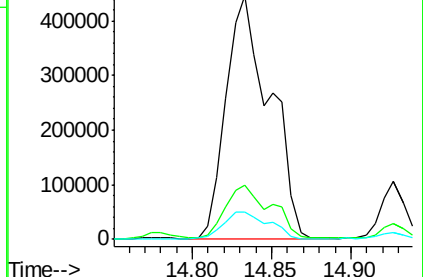
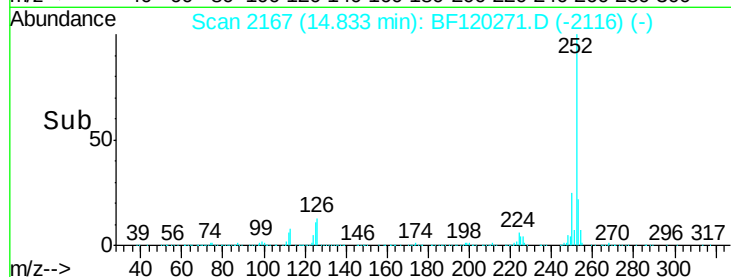
125 11.0 7.9 11.9



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: 53.676 ng

RT: 14.83 min Scan# 2167

Delta R.T. -0.03 min

Lab File: BF120271.D

Acq: 1 May 2020 21:13

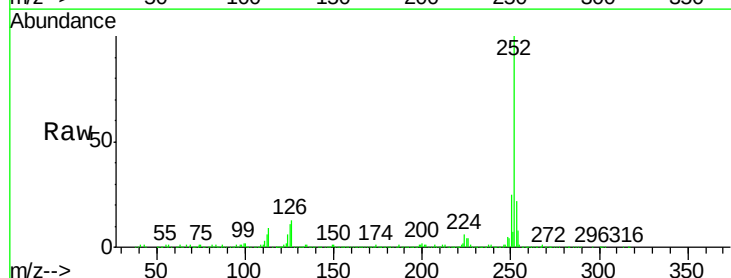
Tgt Ion:252 Resp: 854340

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

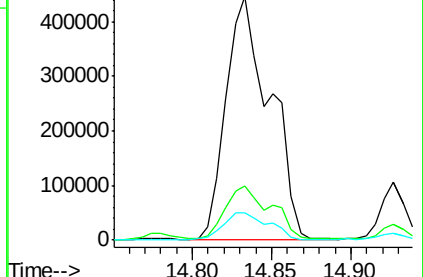
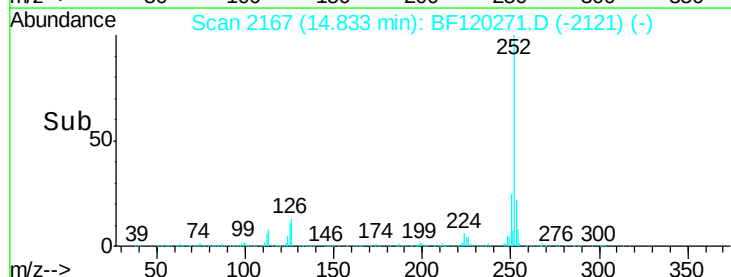
125 11.0 8.4 12.6

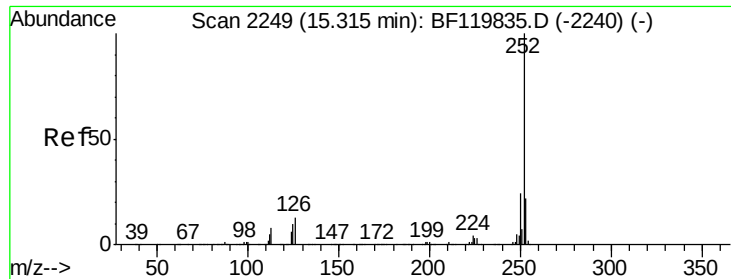


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

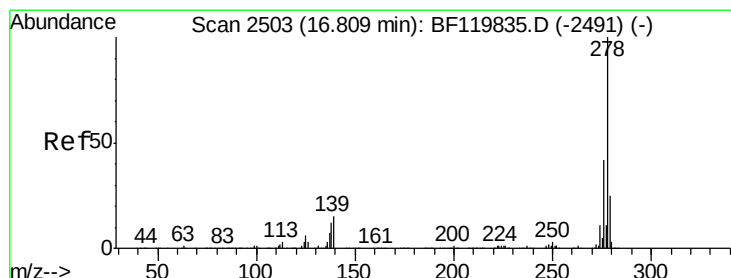
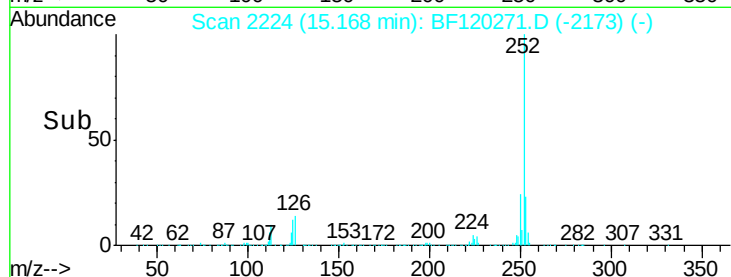
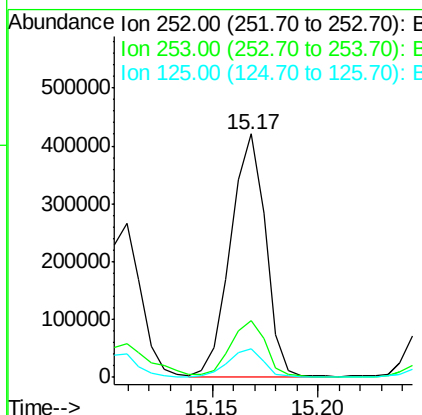
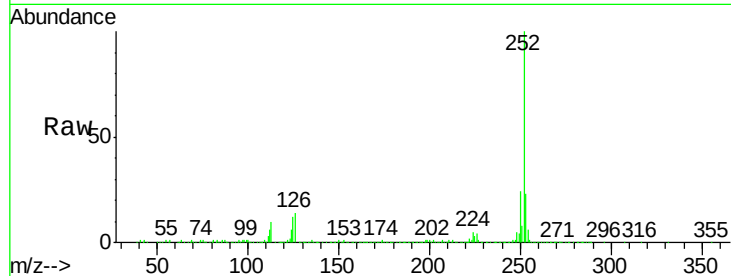




#90
Benzo(a)pyrene
Concen: 30.921 ng
RT: 15.17 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BF120271.D
Acq: 1 May 2020 21:13

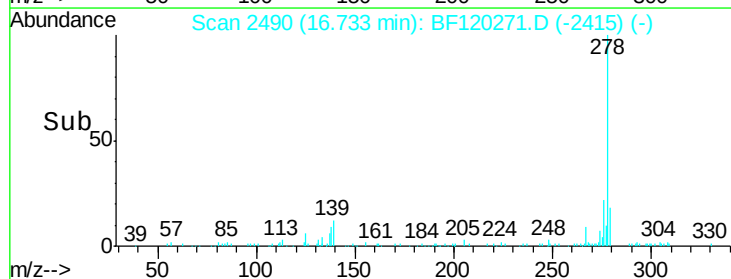
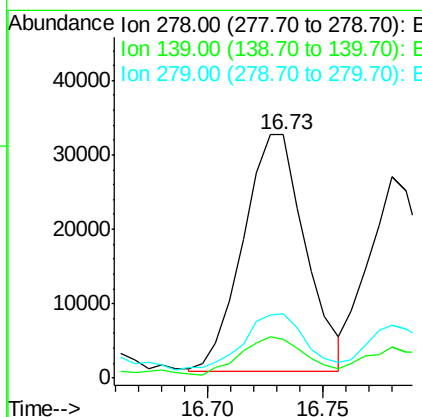
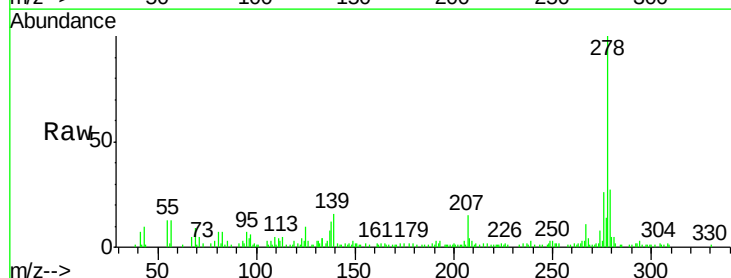
Instrument :
BNA_F
ClientSampleId :

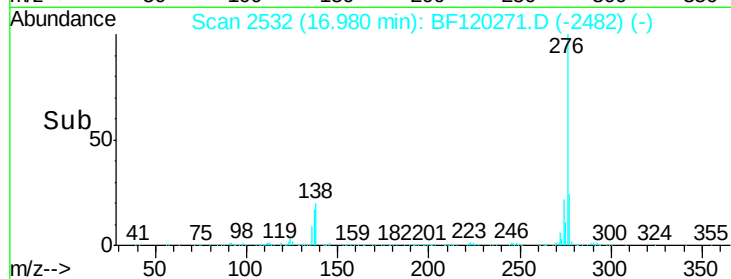
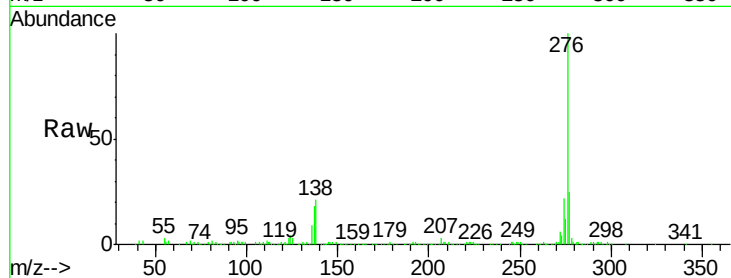
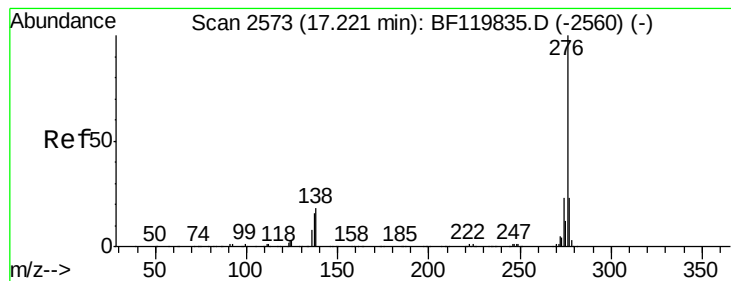
Tot Ion:252 Resp: 479589
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.2
125 11.8 9.4 14.2



#91
Dibenzo(a,h)anthracene
Concen: 4.372 ng
RT: 16.73 min Scan# 2490
Delta R.T. 0.14 min
Lab File: BF120271.D
Acq: 1 May 2020 21:13

Tgt Ion:278 Resp: 60068
Ion Ratio Lower Upper
278 100
139 16.1 12.6 19.0
279 26.6 19.0 28.6





#92

Benzo(a,h,i)perylene

Concen: 18.943 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.01 min

Lab File: BF120271.D

Acq: 1 May 2020 21:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 256900

Ion Ratio Lower Upper

276 100

277 24.7 18.4 27.6

138 20.6 15.4 23.0

