

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
 Data File : BF120731.D
 Acq On : 29 Jun 2020 16:56
 Operator : JU/CG
 Sample : L3129-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1405-1406

Quant Time: Jun 30 00:29:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 15:30:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	108243	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	347578	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	78527	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	109043	20.00	ng	0.08
76) Chrysene-d12	13.99	240	118241	20.00	ng	0.04
86) Perylene-d12	15.44	264	184284	20.00	ng	0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	391852	62.07	ng	0.00
7) Phenol-d6	6.44	99	282067	35.87	ng	0.01
23) Nitrobenzene-d5	7.36	82	405542	65.22	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	114670	125.60	ng	0.04
45) 2-Fluorobiphenyl	9.16	172	507981	98.97	ng	0.00
79) Terphenyl-d14	12.96	244	390274	72.91	ng	0.06

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.45	94	102217	12.183	ng	85
15) Benzyl Alcohol	6.95	79	25068	4.495	ng	# 72
20) 3+4-Methylphenols	7.20	107	178731	23.505	ng	# 56
24) Nitrobenzene	7.24	77	14505	2.229	ng	# 39
25) Isophorone	7.62	82	86359	7.130	ng	# 67
27) 2,4-Dimethylphenol	7.90	122	23977	4.730	ng	# 60
32) Benzoic acid	7.90	122	23977	6.165	ng	# 75
35) Caprolactam	8.53	113	9337	5.666	ng	# 1
46) 1,1'-Biphenyl	9.26	154	20335	3.468	ng	# 87
48) 2-Nitroaniline	9.32	65	6531	4.337	ng	# 22
50) Dimethylphthalate	9.56	163	60529	10.703	ng	# 78
51) 2,6-Dinitrotoluene	9.61	165	22113	17.253	ng	# 57
54) 2,4-Dinitrophenol	9.96	184	107	3.199	ng	# 1
55) Dibenzofuran	10.05	168	15507	2.291	ng	# 1
56) 4-Nitrophenol	9.97	139	2738	2.361	ng	# 1
57) 2,4-Dinitrotoluene	10.02	165	12007	7.060	ng	# 71
58) Fluorene	10.35	166	14538	2.787	ng	# 1
60) Diethylphthalate	10.34	149	41529	7.456	ng	# 1
61) 4-Chlorophenyl-phenylether	10.34	204	9066	3.365	ng	# 1
62) 4-Nitroaniline	10.32	138	28185	18.442	ng	# 88
63) Azobenzene	10.57	77	24789	4.903	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.41	198	5028	7.685	ng	# 1
66) n-Nitrosodiphenylamine	10.54	169	177995	53.155	ng	# 64
67) 4-Bromophenyl-phenylether	10.92	248	2815	2.275	ng	# 1
69) Atrazine	11.07	200	7451	7.190	ng	# 1
70) Pentachlorophenol	11.17	266	2463	3.330	ng	# 12
71) Phenanthrene	11.42	178	82106	15.147	ng	# 1
72) Anthracene	11.51	178	20881	3.822	ng	# 1
73) Carbazole	11.72	167	19095	3.531	ng	# 1
75) Fluoranthene	12.61	202	18187	2.935	ng	# 9
80) Butylbenzylphthalate	13.39	149	27226	7.320	ng	# 39
84) Bis(2-ethylhexyl)phthalate	13.97	149	37921	8.354	ng	# 86
87) Indeno(1,2,3-cd)pyrene	16.90	276	26979	2.407	ng	# 47
88) Benzo(b)fluoranthene	15.02	252	23599	2.150	ng	# 1

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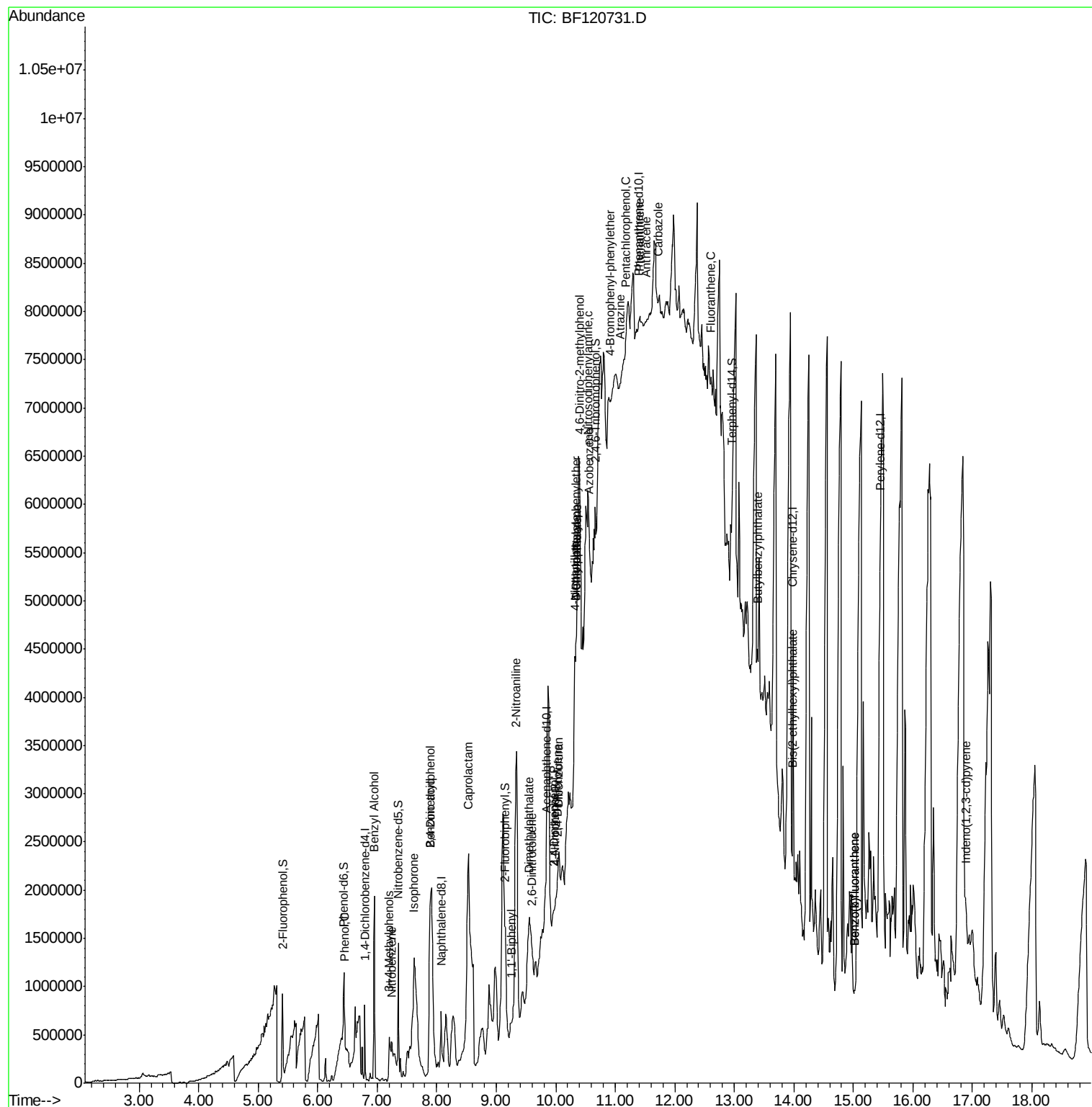
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(k)fluoranthene	15.02	252	23599	2.430	ng	# 1

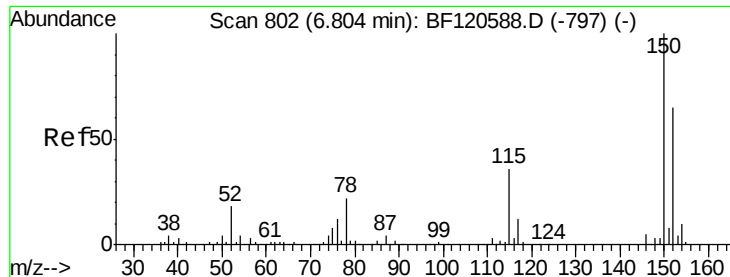
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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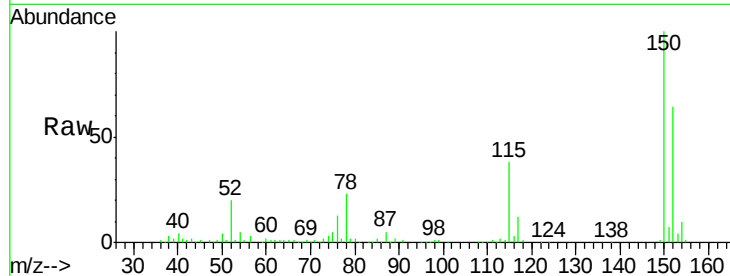


#1

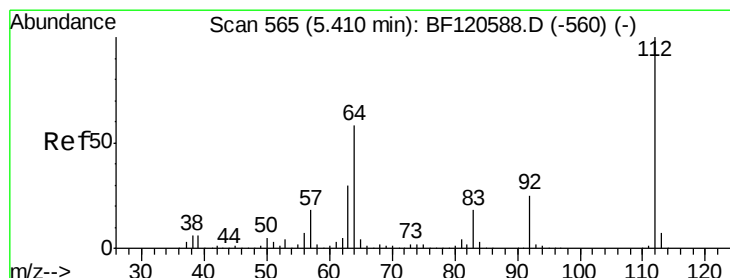
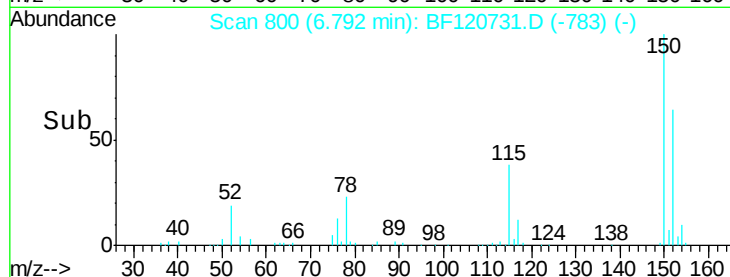
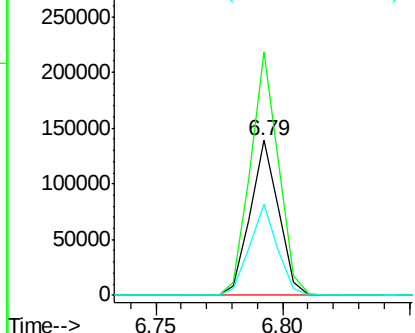
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF120731.D
Acq: 29 Jun 2020 16:56

Instrument :
BNA_F
ClientSampleId :
1405-1406

Tot Ion:152 Resp: 108243
Ion Ratio Lower Upper
152 100
150 157.0 124.6 187.0
115 59.2 44.2 66.4



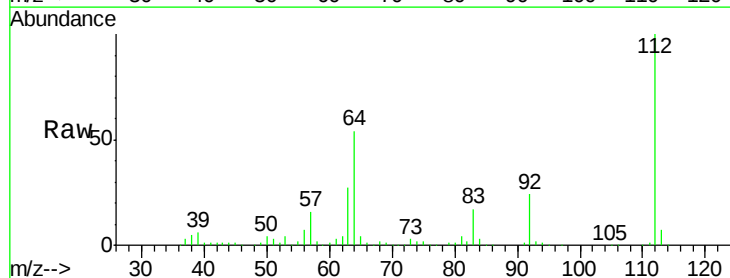
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



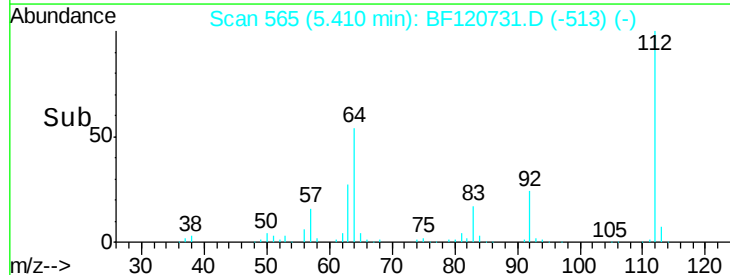
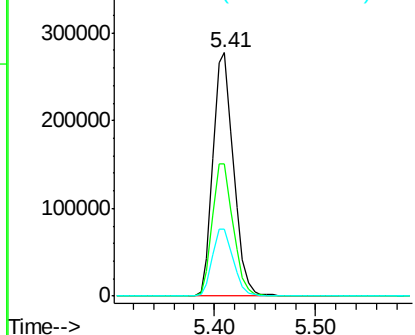
#5

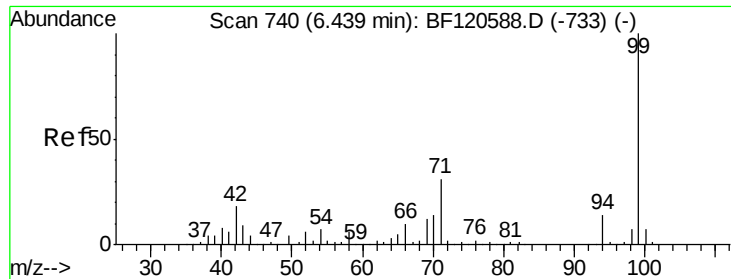
2-Fluorophenol
Concen: 62.065 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF120731.D
Acq: 29 Jun 2020 16:56

Tgt Ion:112 Resp: 391852
Ion Ratio Lower Upper
112 100
64 54.3 42.2 63.2
63 27.3 21.7 32.5



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: 35.870 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF120731.D

Acq: 29 Jun 2020 16:56

Instrument :

BNA_F

ClientSampleId :

1405-1406

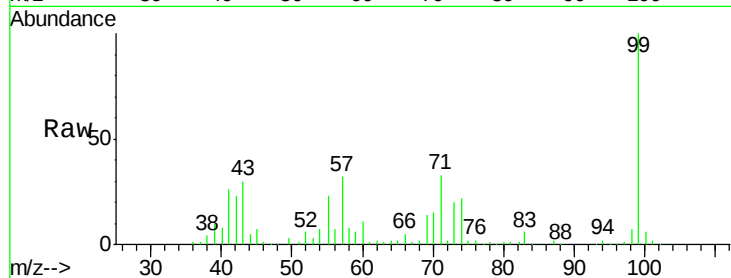
Tot Ion: 99 Resp: 282067

Ion Ratio Lower Upper

99 100

42 22.8 14.2 21.4#

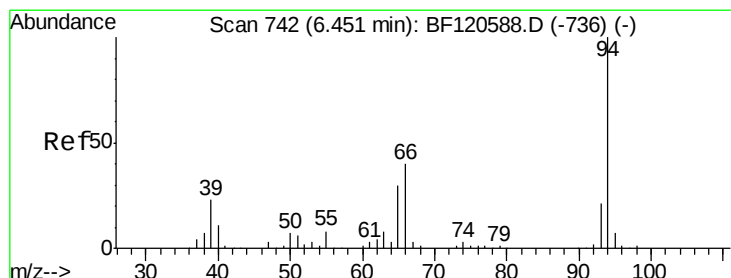
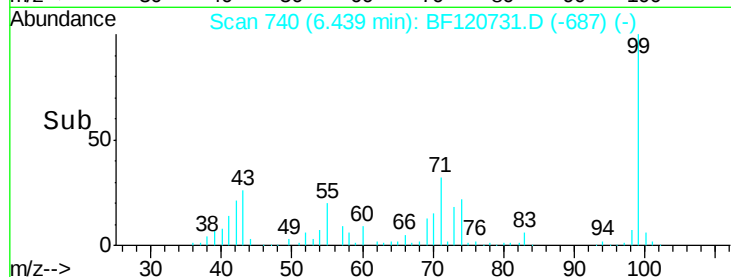
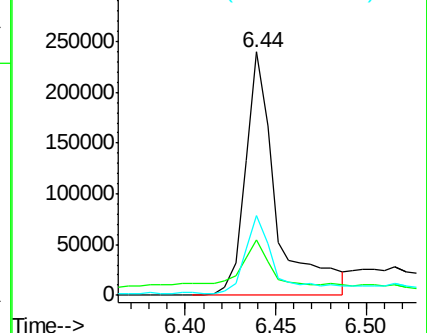
71 32.7 25.4 38.2



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: 12.183 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120731.D

Acq: 29 Jun 2020 16:56

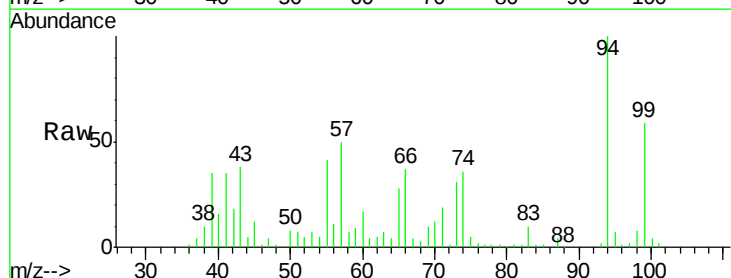
Tgt Ion: 94 Resp: 102217

Ion Ratio Lower Upper

94 100

65 27.6 13.6 53.6

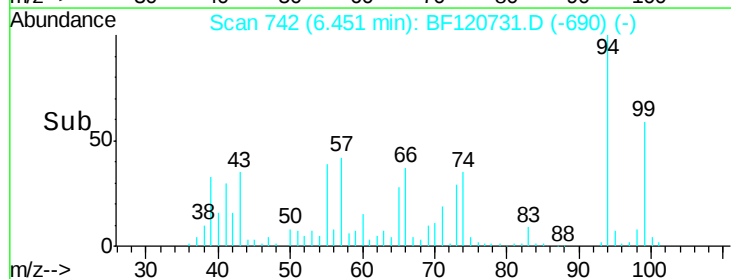
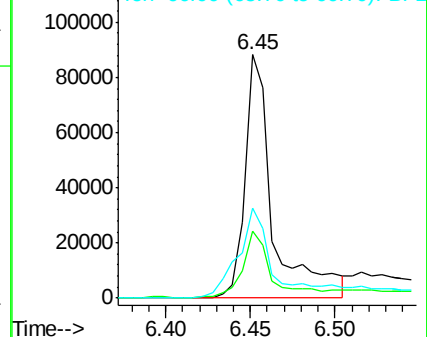
66 36.7 29.2 69.2

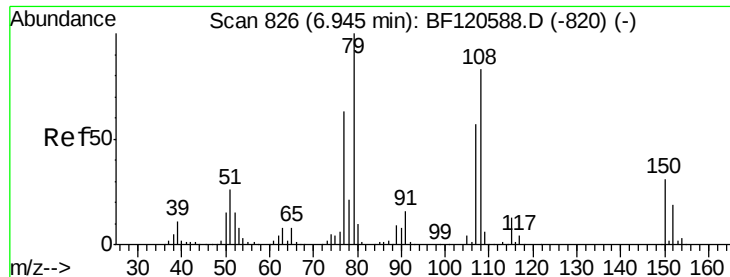


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

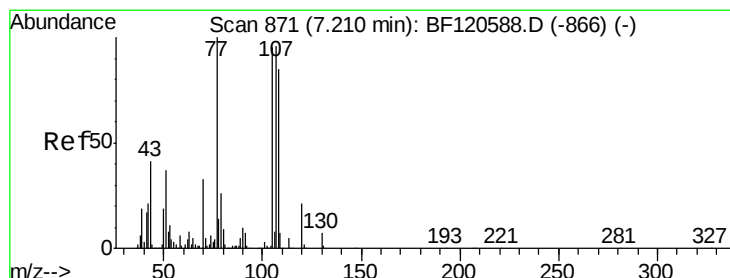
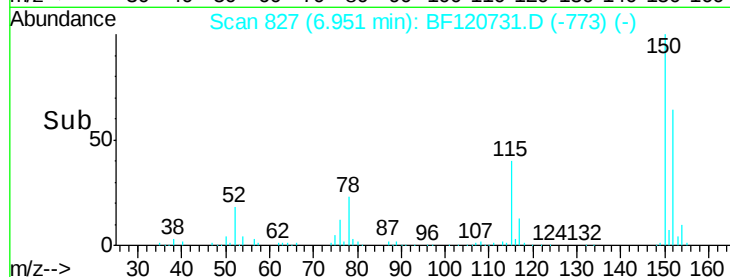
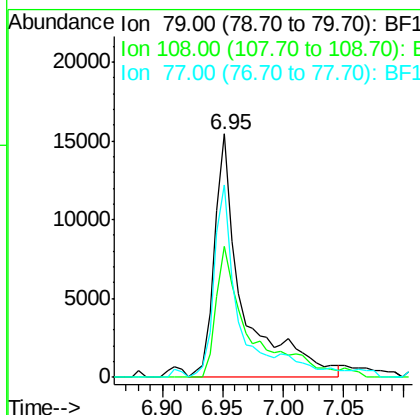
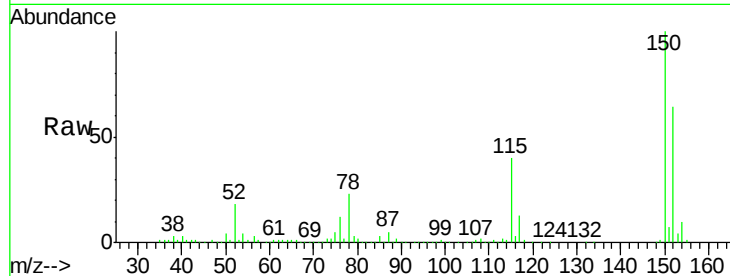




#15
Benzyl Alcohol
Concen: 4.495 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.02 min
Lab File: BF120731.D
Acq: 29 Jun 2020 16:56

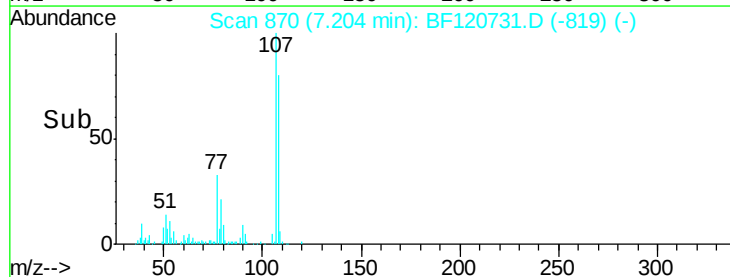
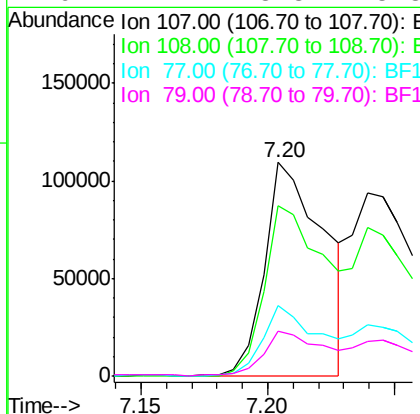
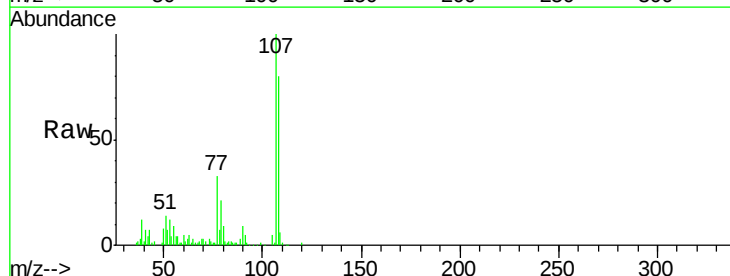
Instrument :
BNA_F
ClientSampleId :
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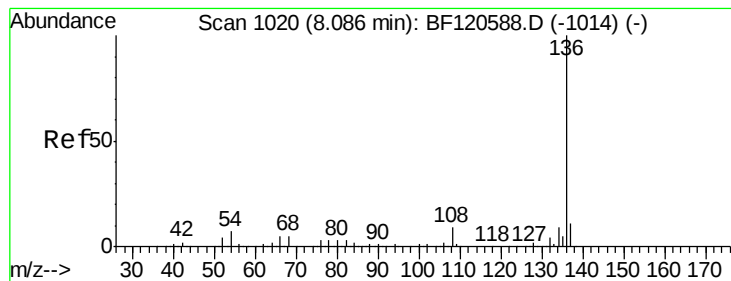
Tot Ion: 79 Resp: 25068
Ion Ratio Lower Upper
79 100
108 53.8 66.1 99.1#
77 78.8 49.8 74.6#



#20
3+4-Methylphenols
Concen: 23.505 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF120731.D
Acq: 29 Jun 2020 16:56

Tgt Ion: 107 Resp: 178731
Ion Ratio Lower Upper
107 100
108 79.8 70.9 110.9
77 33.2 95.7 135.7#
79 21.1 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF120731.D

Acq: 29 Jun 2020 16:56

Instrument :

BNA_F

ClientSampleId :

1405-1406

Tot Ion:136 Resp: 347578

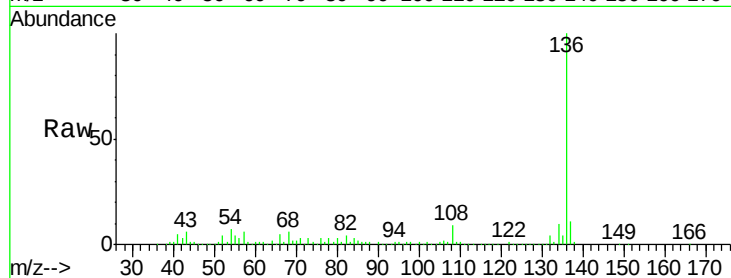
Ion Ratio Lower Upper

136 100

137 11.2 8.6 12.8

54 7.2 5.3 7.9

68 5.5 4.3 6.5

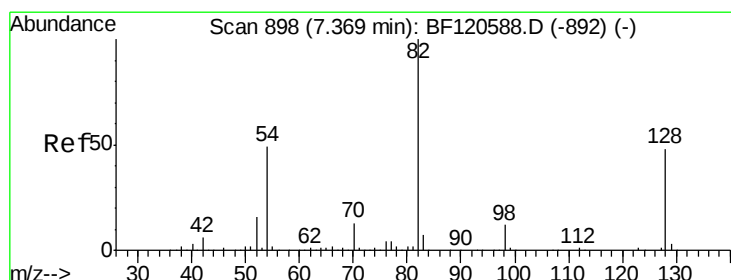
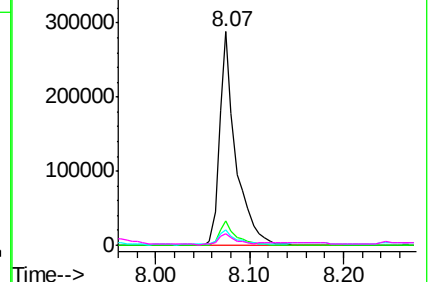
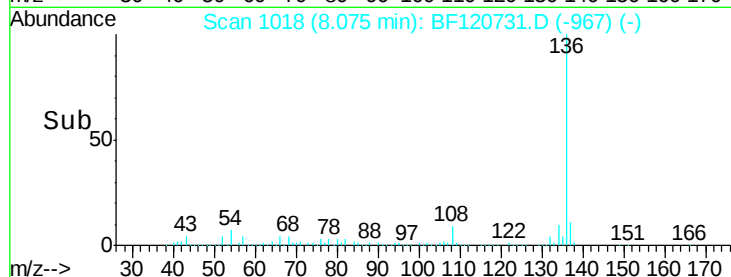


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.218 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.00 min

Lab File: BF120731.D

Acq: 29 Jun 2020 16:56

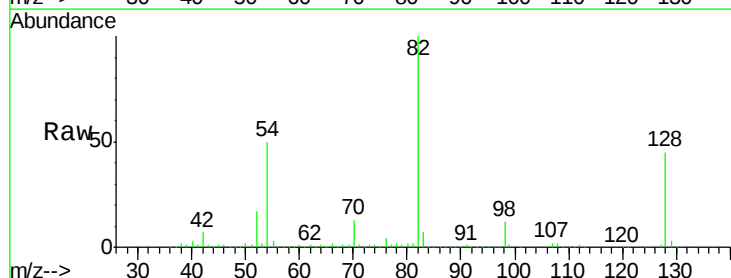
Tgt Ion: 82 Resp: 405542

Ion Ratio Lower Upper

82 100

128 45.5 38.1 57.1

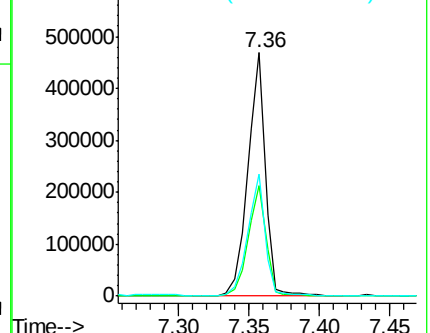
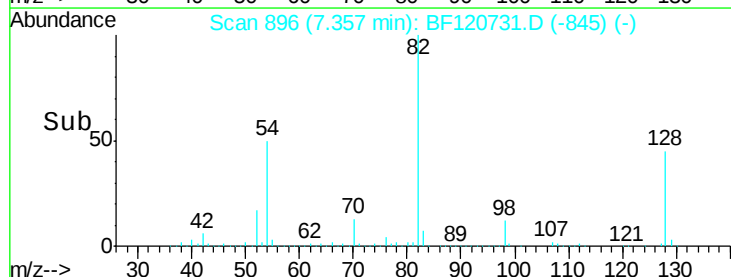
54 50.1 38.8 58.2

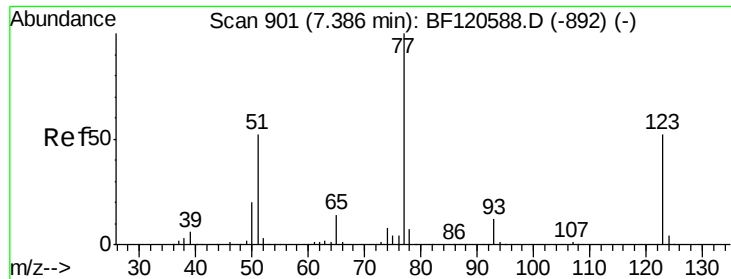


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

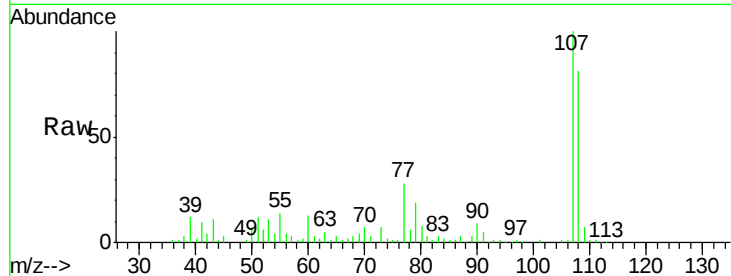




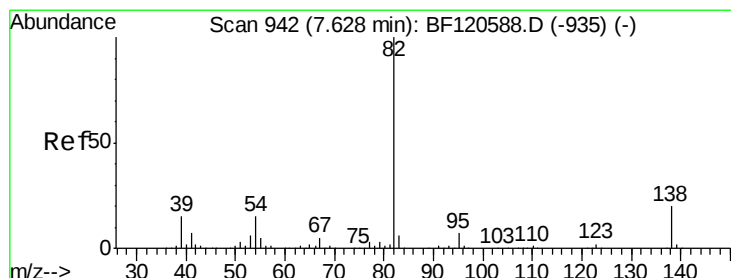
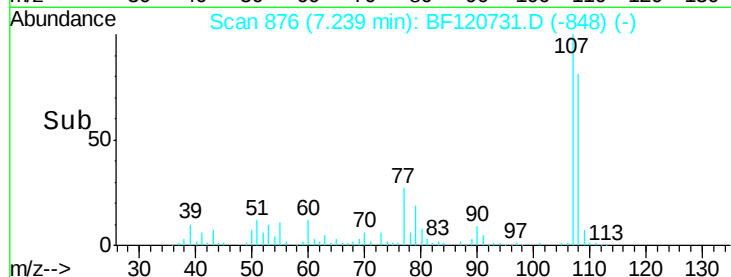
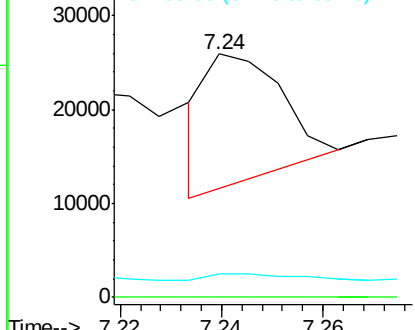
#24
Nitrobenzene
Concen: 2.229 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.14 min
Lab File: BF120731.D
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Tot Ion	77	Resp	14505
Ion Ratio	100	Lower	Upper
123	0.0	41.5	62.3#
65	9.5	10.9	16.3#

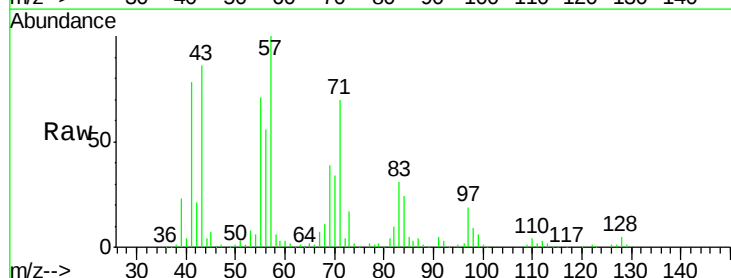


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

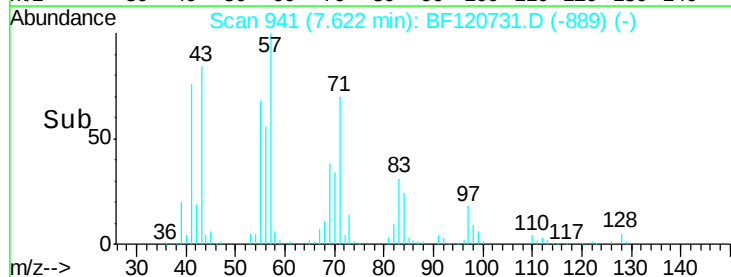
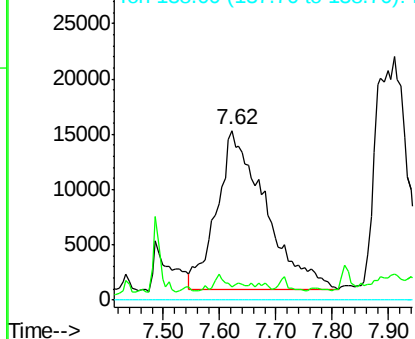


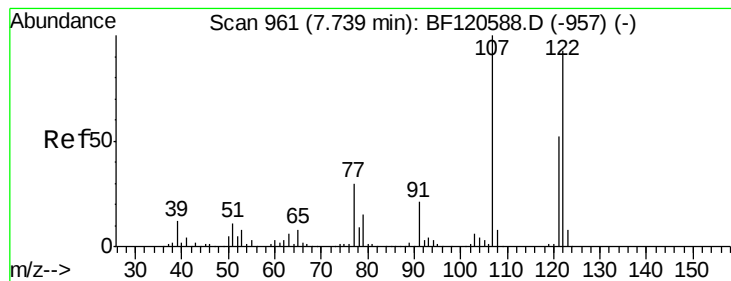
#25
Isophorone
Concen: 7.130 ng
RT: 7.62 min Scan# 941
Delta R.T. 0.01 min
Lab File: BF120731.D
Acq: 29 Jun 2020 16:56

Tgt Ion	82	Resp	86359
Ion Ratio	100	Lower	Upper
95	7.9	5.6	8.4
138	0.0	16.1	24.1#



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





#27

2,4-Dimethylphenol

Concen: 4.730 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.17 min

Lab File: BF120731.D

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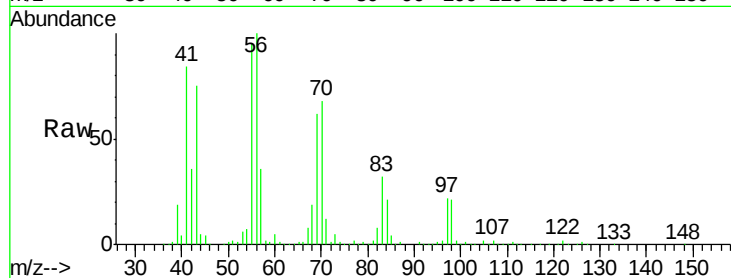
Tot Ion:122 Resp: 23977

Ion Ratio Lower Upper

122 100

107 84.2 89.4 134.2#

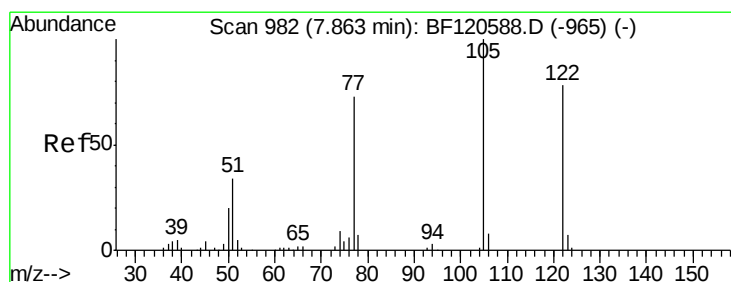
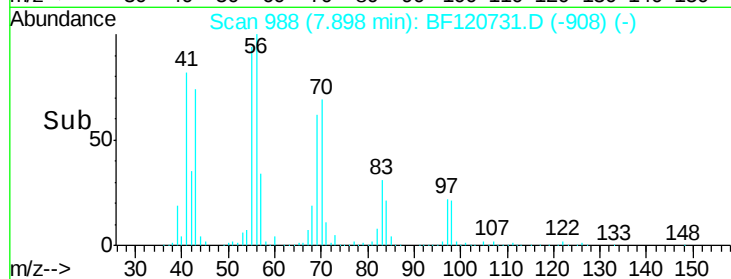
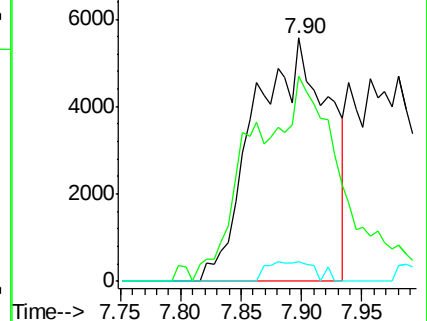
121 8.2 46.2 69.4#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#32

Benzoic acid

Concen: 6.165 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.04 min

Lab File: BF120731.D

Acq: 29 Jun 2020 16:56

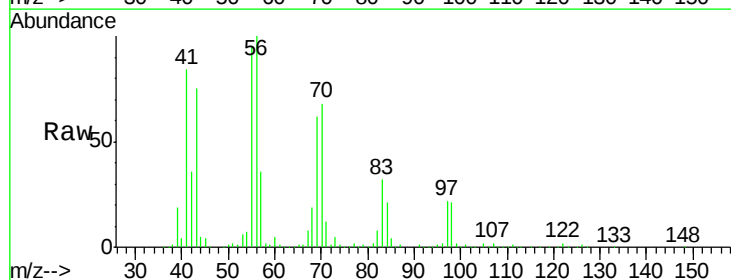
Tgt Ion:122 Resp: 23977

Ion Ratio Lower Upper

122 100

105 90.6 98.4 138.4#

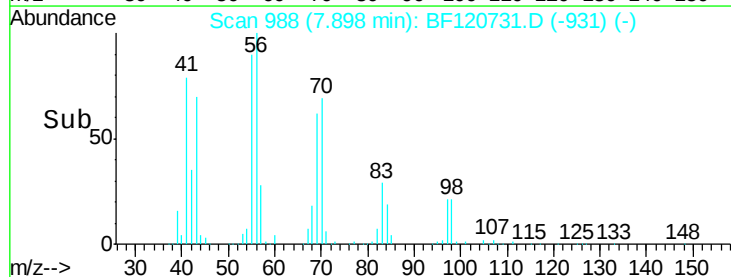
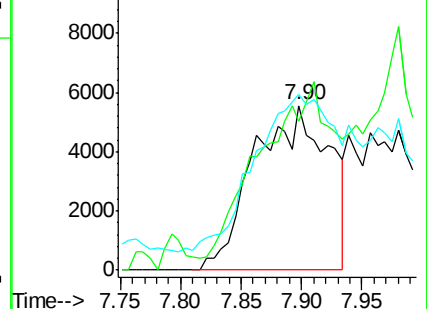
77 106.8 63.8 103.8#

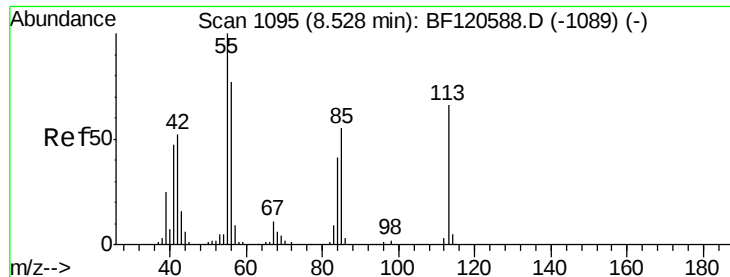


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

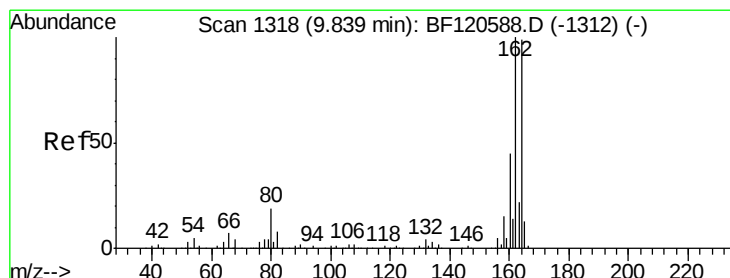
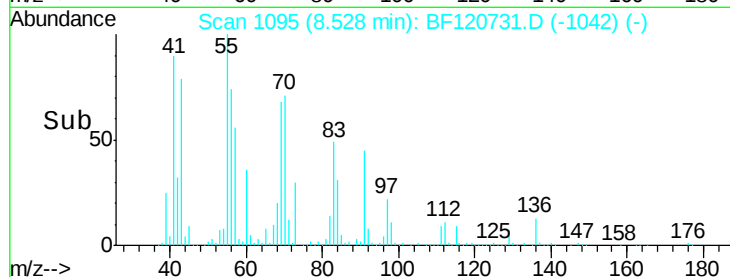
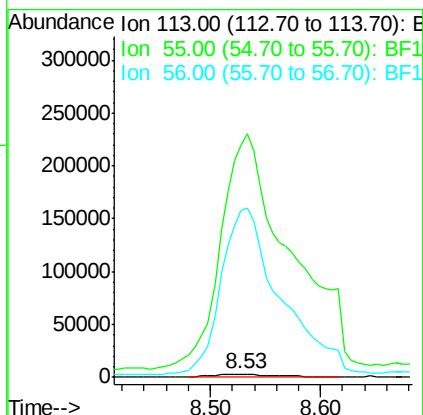
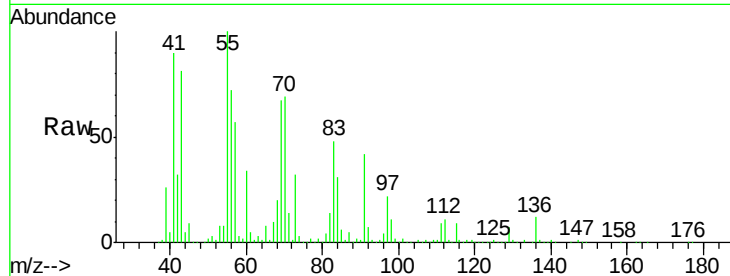




#35
 Caprolactam
 Concen: 5.666 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. 0.01 min
 Lab File: BF120731.D
 Acq: 29 Jun 2020 16:56

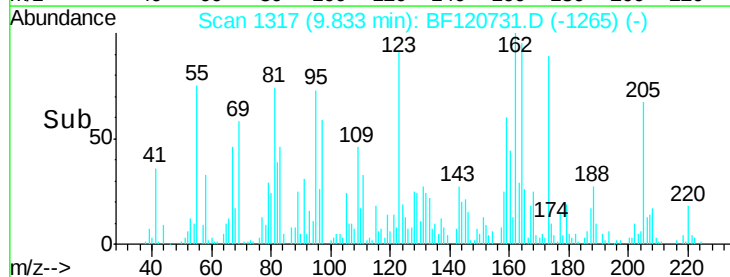
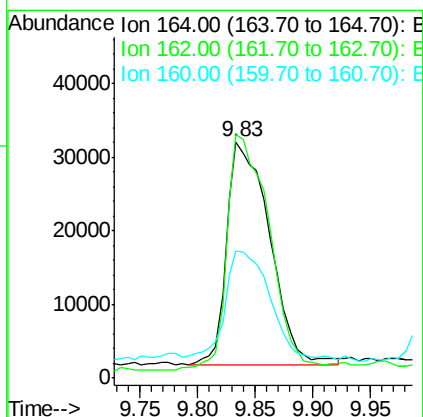
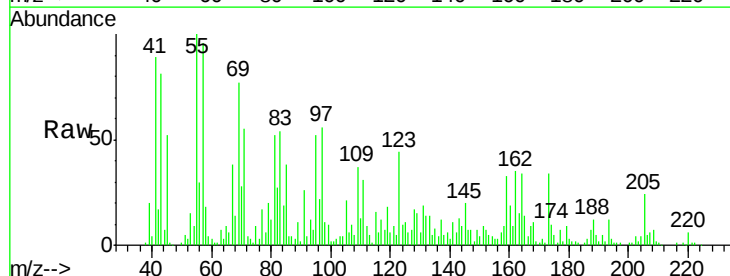
Instrument :
 BNA_F
 ClientSampleId :
 1405-1406

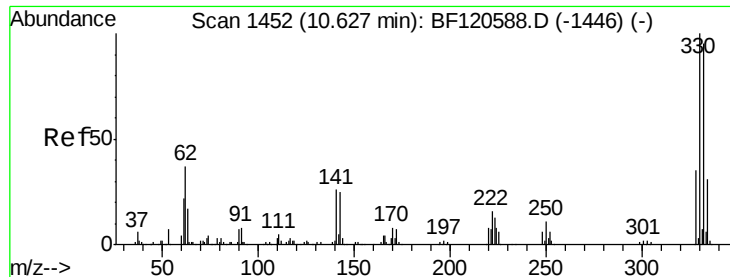
Tot Ion:113 Resp: 9337
 Ion Ratio Lower Upper
 113 100
 55 7341.2 143.7 183.7#
 56 5274.9 98.6 138.6#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: BF120731.D
 Acq: 29 Jun 2020 16:56

Tgt Ion:164 Resp: 78527
 Ion Ratio Lower Upper
 164 100
 162 103.2 81.4 122.0
 160 53.9 36.6 55.0

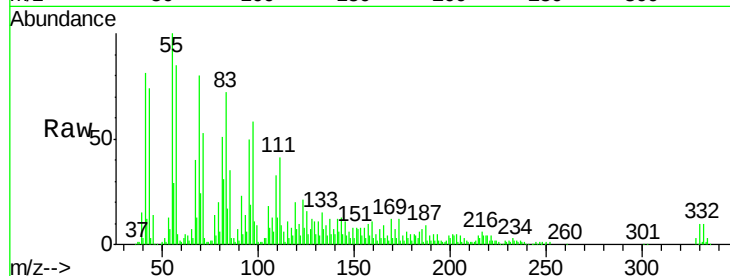




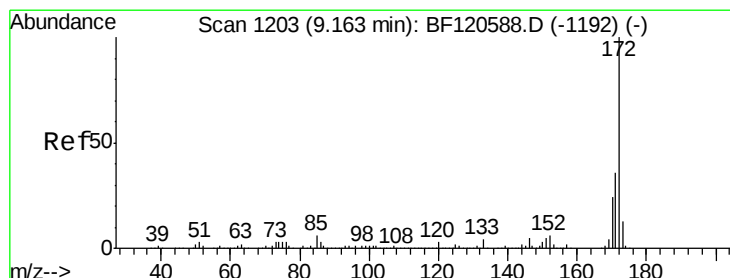
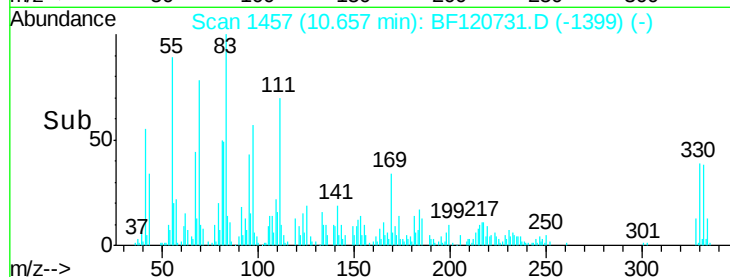
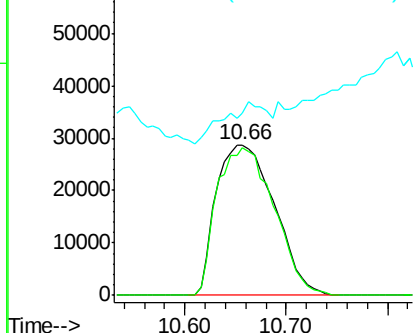
#42
 2,4,6-Tribromophenol
 Concen: 125.599 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.04 min
 Lab File: BF120731.D
 Acq: 29 Jun 2020 16:56

Instrument :
 BNA_F
 ClientSampleId :
 1405-1406

Tot Ion:330 Resp: 114670
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.4 114.6
 141 20.3 23.0 34.6#

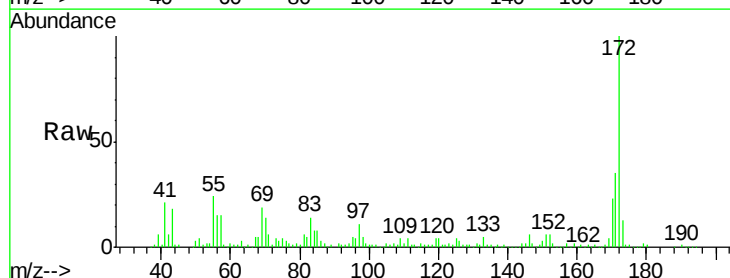


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

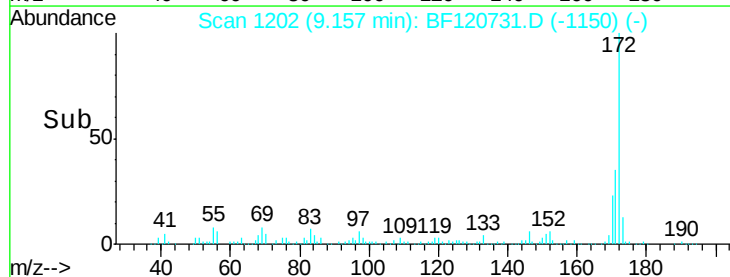
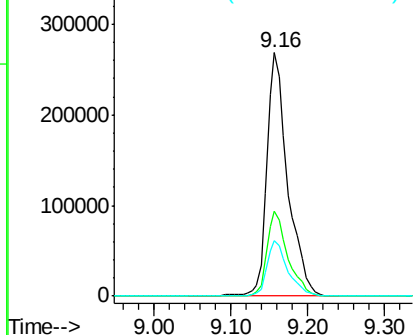


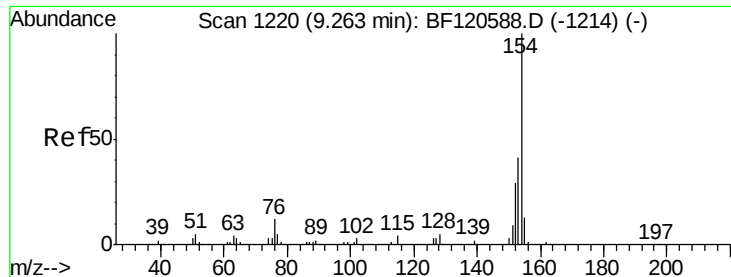
#45
 2-Fluorobiphenyl
 Concen: 98.973 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF120731.D
 Acq: 29 Jun 2020 16:56

Tgt Ion:172 Resp: 507981
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 43.0
 170 22.9 19.1 28.7



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





#46

1,1'-Biphenyl

Concen: 3.468 ng

RT: 9.26 min Scan# 1219

Delta R.T. 0.01 min

Lab File: BF120731.D

Acq: 29 Jun 2020 16:56

Instrument :

BNA_F

ClientSampleId :

1405-1406

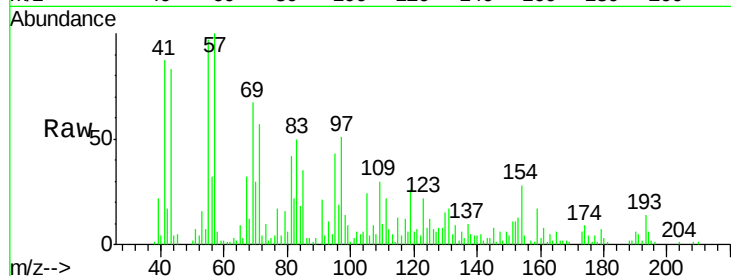
Tot Ion:154 Resp: 20335

Ion Ratio Lower Upper

154 100

153 47.5 19.9 59.9

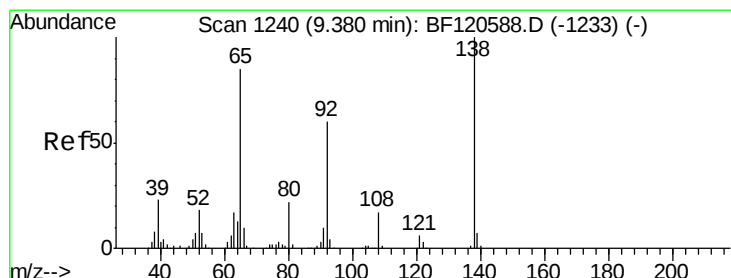
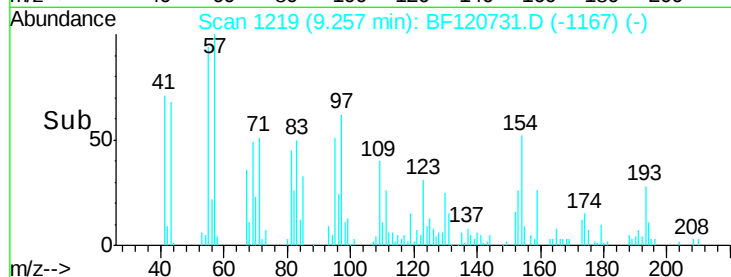
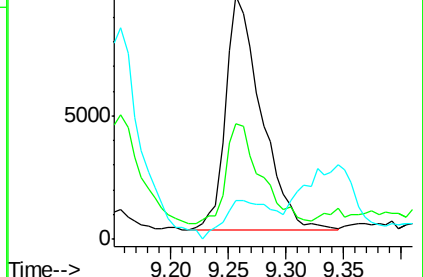
76 16.1 0.0 31.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#48

2-Nitroaniline

Concen: 4.337 ng

RT: 9.32 min Scan# 1230

Delta R.T. -0.05 min

Lab File: BF120731.D

Acq: 29 Jun 2020 16:56

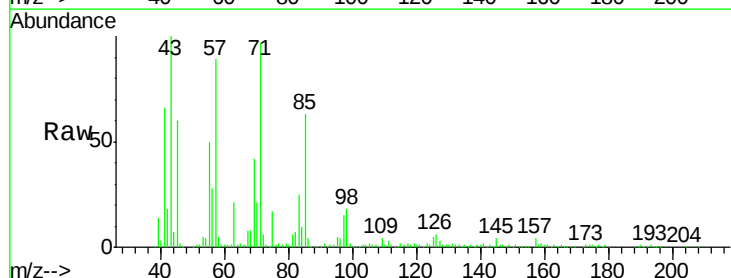
Tgt Ion: 65 Resp: 6531

Ion Ratio Lower Upper

65 100

92 22.7 57.7 86.5#

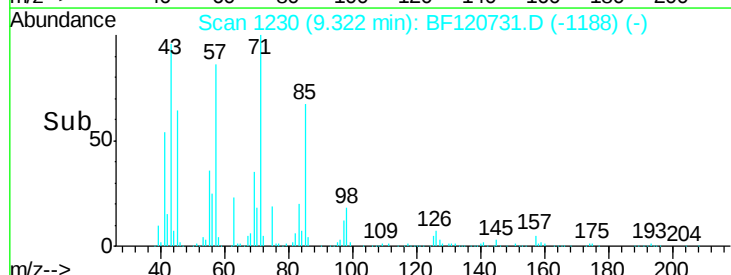
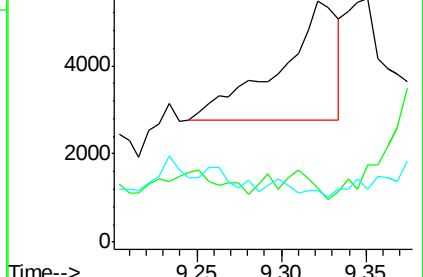
138 21.5 96.6 145.0#

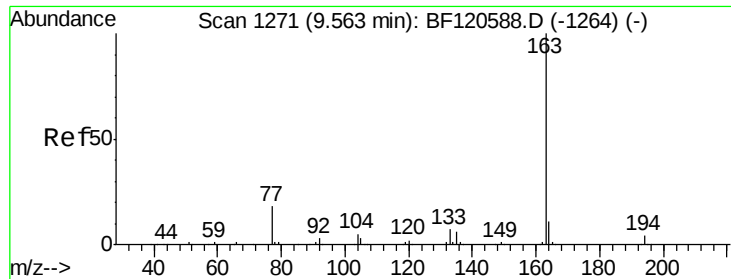


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E

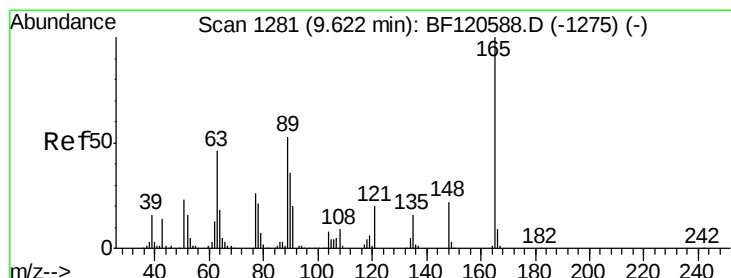
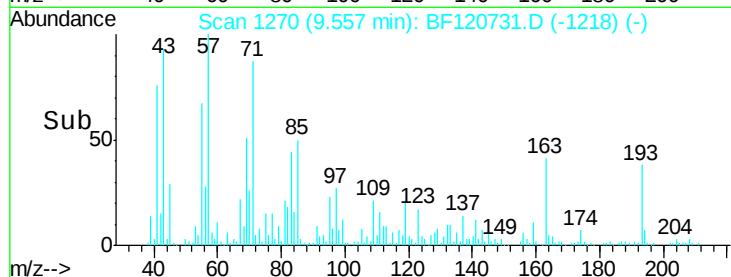
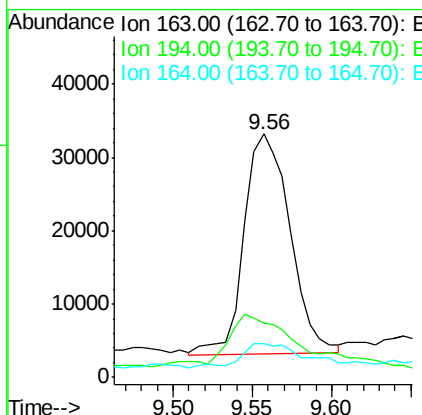
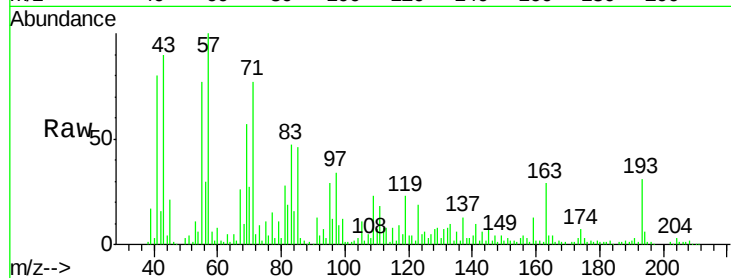




#50
Dimethylphthalate
Concen: 10.703 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF120731.D
Acq: 29 Jun 2020 16:56

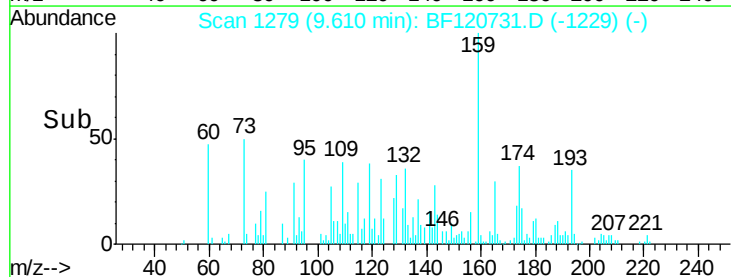
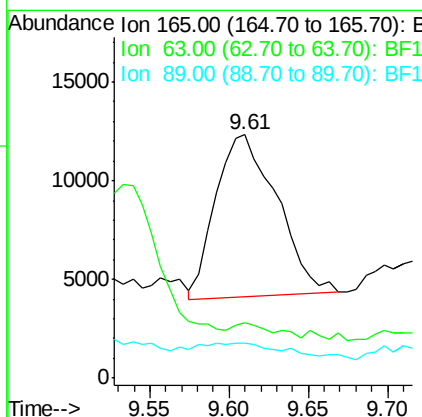
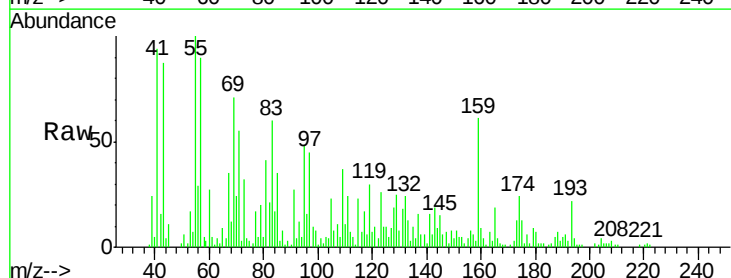
Instrument :
BNA_F
ClientSampleId :
1405-1406

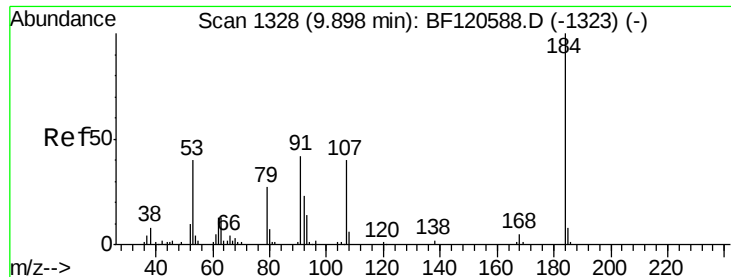
Tot Ion:163 Resp: 60529
Ion Ratio Lower Upper
163 100
194 22.1 3.0 4.6#
164 13.7 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 17.253 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF120731.D
Acq: 29 Jun 2020 16:56

Tgt Ion:165 Resp: 22113
Ion Ratio Lower Upper
165 100
63 22.7 36.8 55.2#
89 14.4 39.4 59.0#

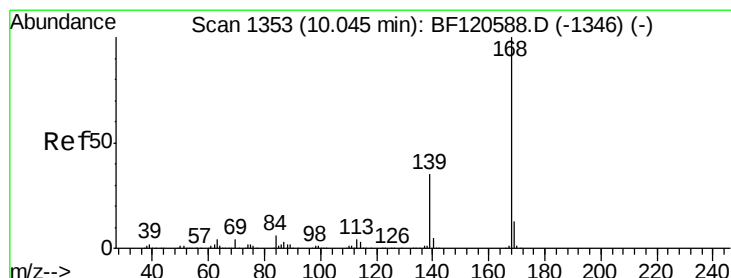
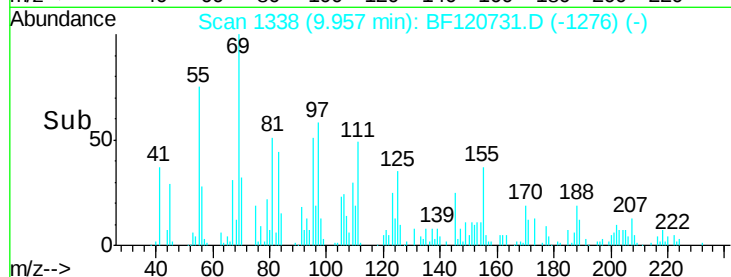
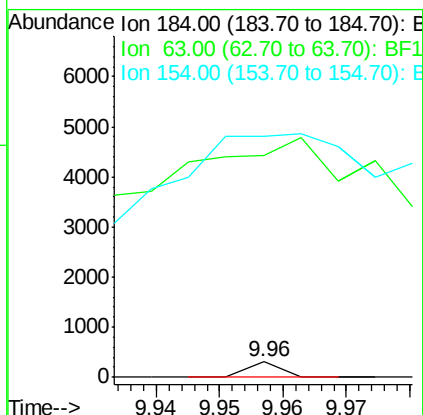
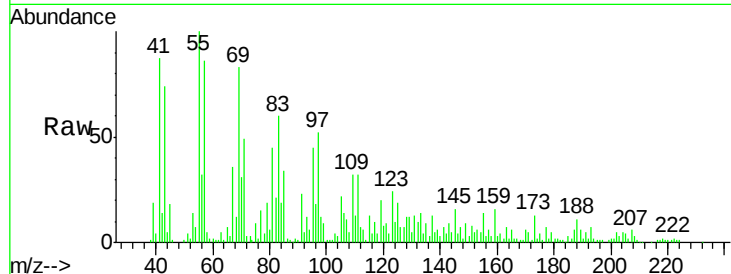




#54
2,4-Dinitrophenol
Concen: 3.199 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.06 min
Lab File: BF120731.D
Acq: 29 Jun 2020 16:56

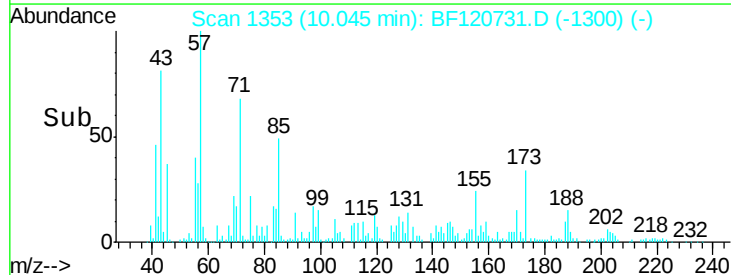
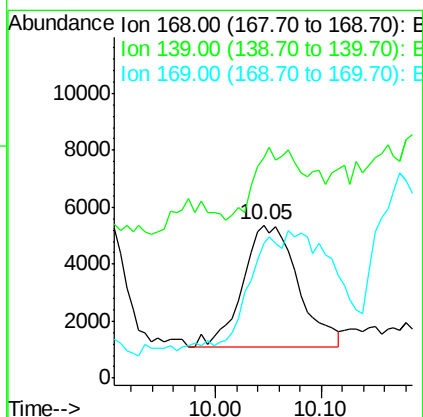
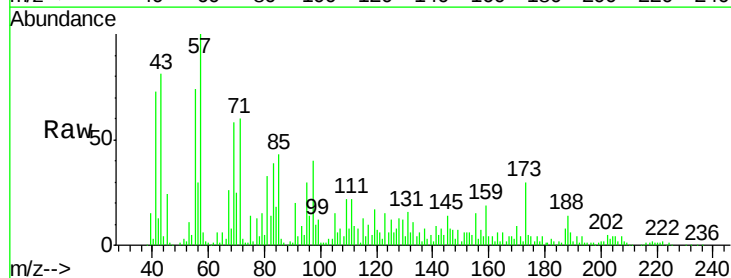
Instrument :
BNA_F
ClientSampleId :
1405-1406

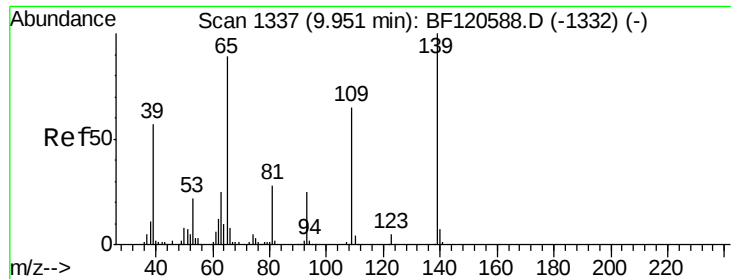
Tot Ion:184 Resp: 107
Ion Ratio Lower Upper
184 100
63 1459.9 47.4 71.0#
154 1578.3 45.3 67.9#



#55
Dibenzofuran
Concen: 2.291 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF120731.D
Acq: 29 Jun 2020 16:56

Tgt Ion:168 Resp: 15507
Ion Ratio Lower Upper
168 100
139 144.6 28.6 43.0#
169 88.5 10.7 16.1#

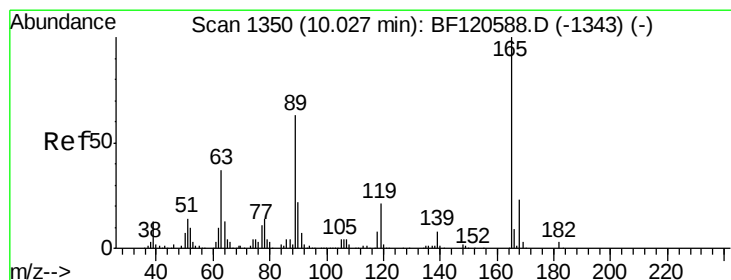
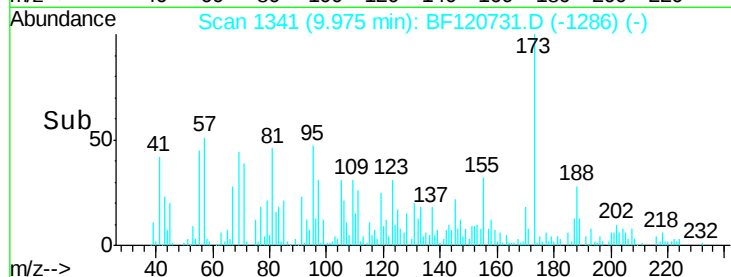
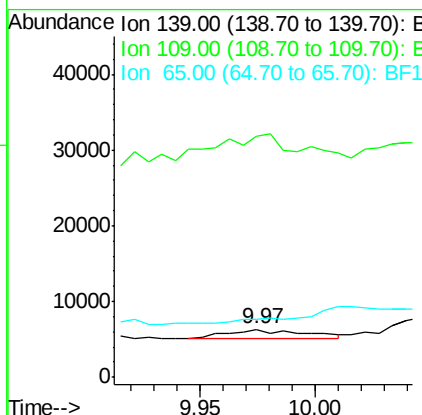
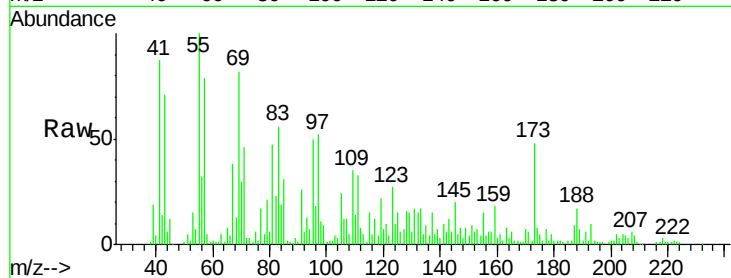




#56
4-Nitrophenol
Concen: 2.361 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF120731.D
Acq: 29 Jun 2020 16:56

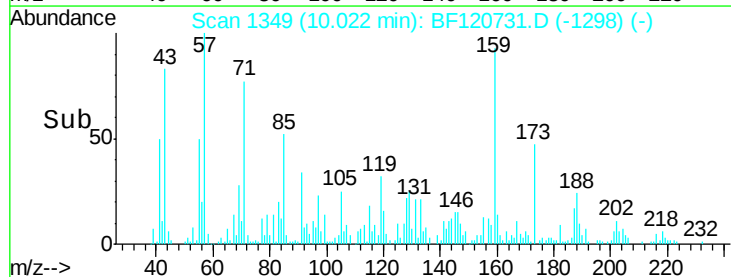
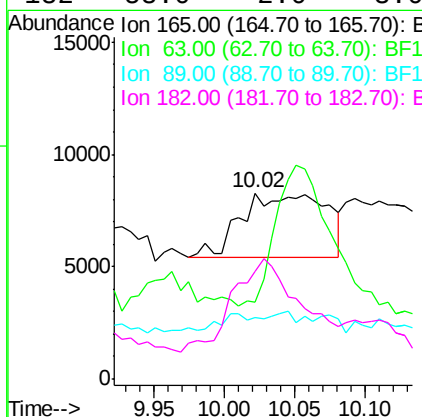
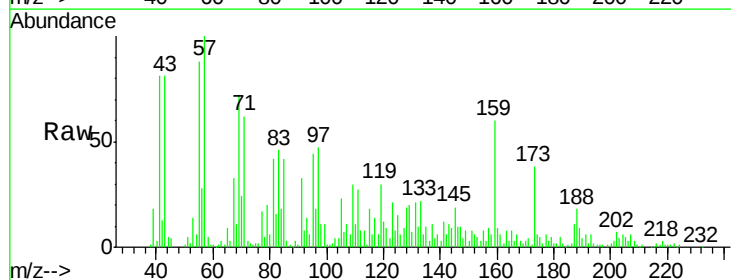
Instrument :
BNA_F
ClientSampleId :
1405-1406

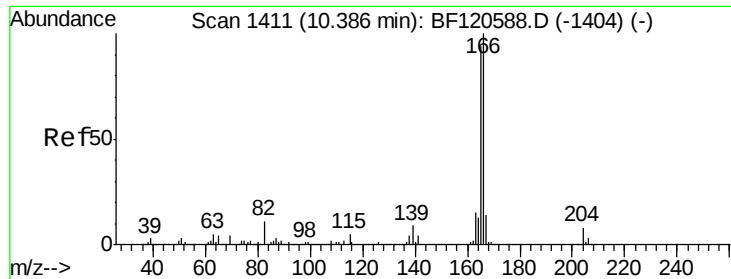
Tot Ion:139 Resp: 2738
Ion Ratio Lower Upper
139 100
109 502.1 44.5 84.5#
65 120.1 69.7 109.7#



#57
2,4-Dinitrotoluene
Concen: 7.060 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF120731.D
Acq: 29 Jun 2020 16:56

Tgt Ion:165 Resp: 12007
Ion Ratio Lower Upper
165 100
63 41.2 30.1 45.1
89 32.9 49.2 73.8#
182 58.0 2.0 3.0#





#58

Fluorene

Concen: 2.787 ng

RT: 10.35 min Scan# 1405

Delta R.T. -0.02 min

Lab File: BF120731.D

Acq: 29 Jun 2020 16:56

Instrument :

BNA_F

ClientSampleId :

1405-1406

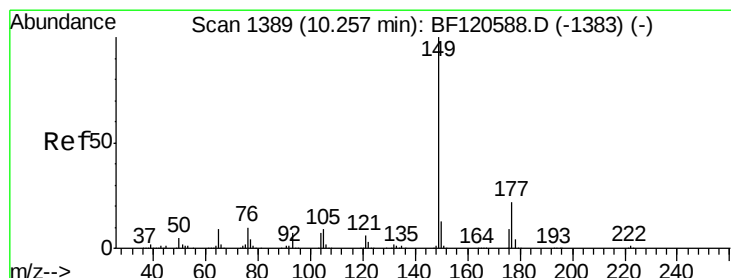
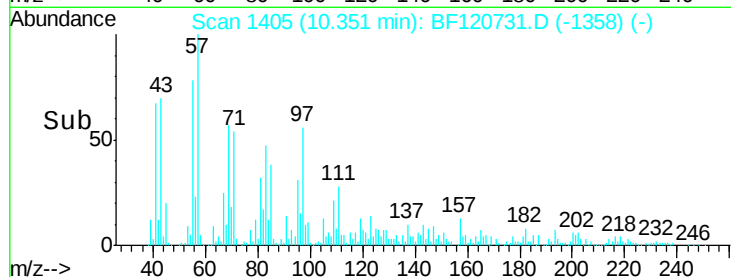
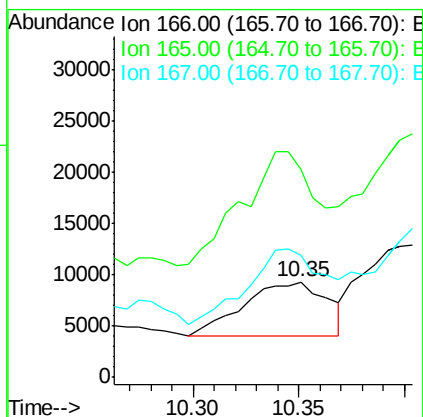
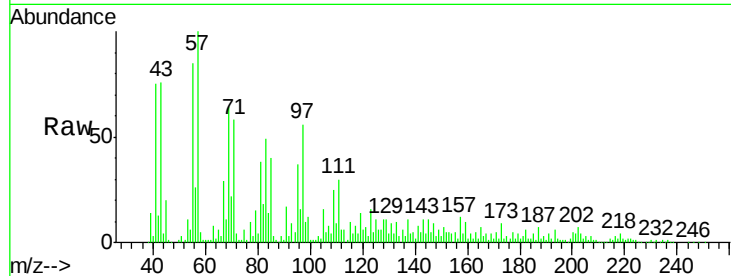
Tot Ion:166 Resp: 14538

Ion Ratio Lower Upper

166 100

165 217.0 74.6 112.0#

167 128.0 10.9 16.3#



#60

Diethylphthalate

Concen: 7.456 ng

RT: 10.34 min Scan# 1403

Delta R.T. 0.09 min

Lab File: BF120731.D

Acq: 29 Jun 2020 16:56

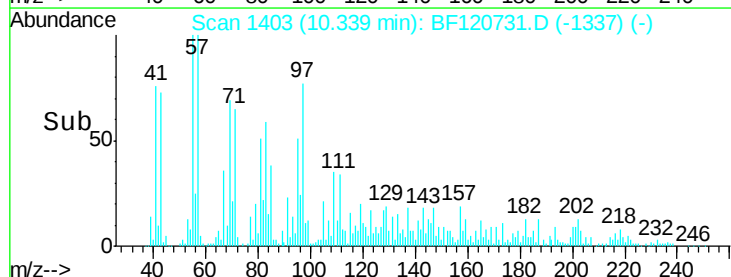
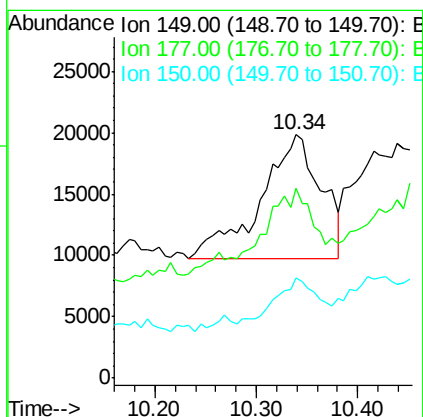
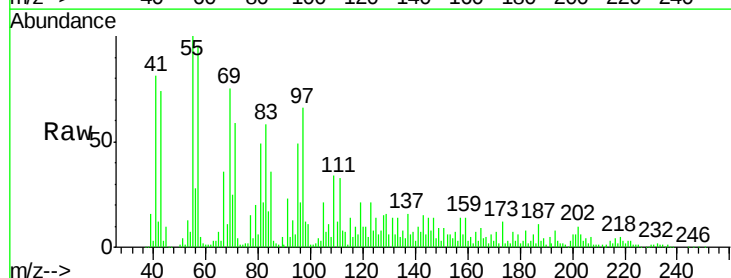
Tgt Ion:149 Resp: 41529

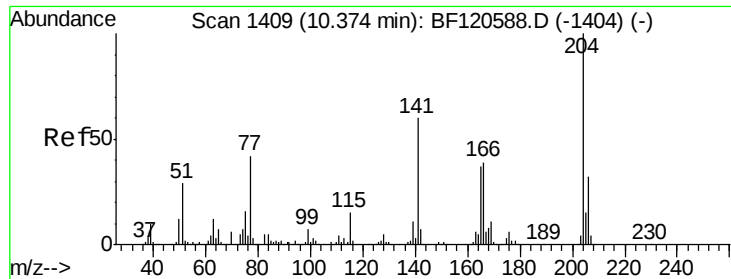
Ion Ratio Lower Upper

149 100

177 77.8 18.0 27.0#

150 41.0 9.8 14.6#





#61

4-Chlorophenyl-phenylether

Concen: 3.365 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.03 min

Lab File: BF120731.D

Acq: 29 Jun 2020 16:56

Instrument :

BNA_F

ClientSampleId :

1405-1406

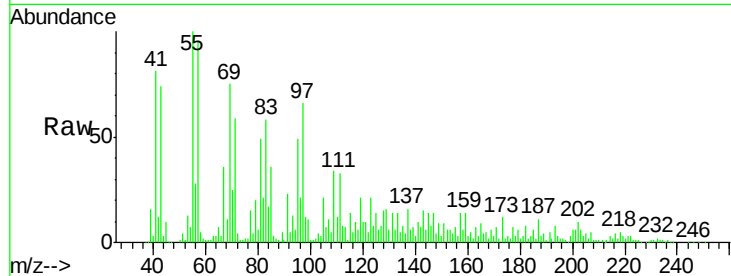
Tot Ion:204 Resp: 9066

Ion Ratio Lower Upper

204 100

206 52.8 26.4 39.6#

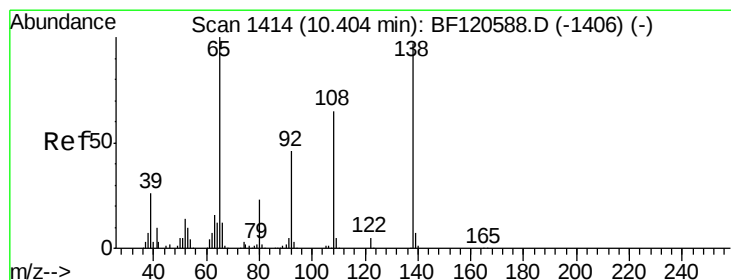
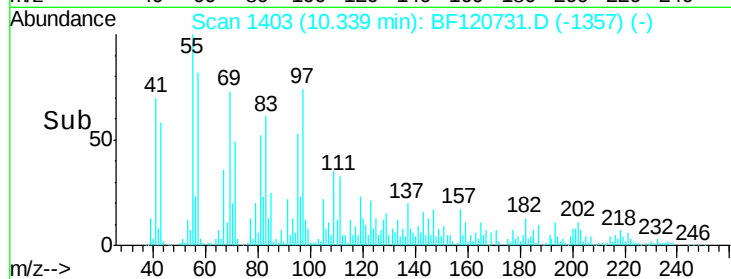
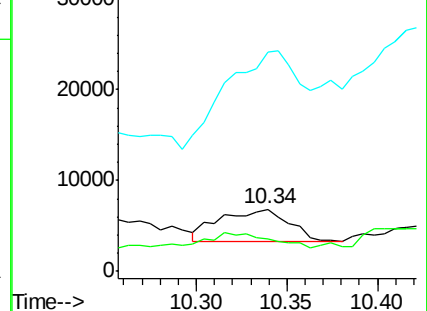
141 355.3 42.9 64.3#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 18.442 ng

RT: 10.32 min Scan# 1400

Delta R.T. -0.08 min

Lab File: BF120731.D

Acq: 29 Jun 2020 16:56

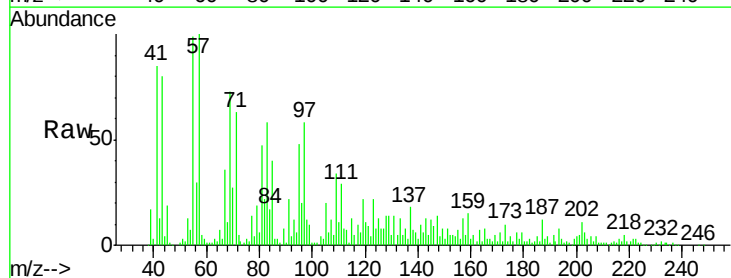
Tgt Ion:138 Resp: 28185

Ion Ratio Lower Upper

138 100

92 60.5 26.4 66.4

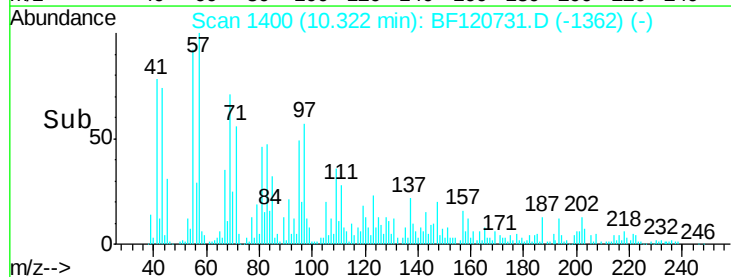
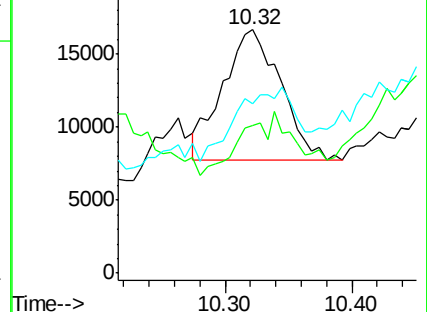
108 69.6 45.5 85.5

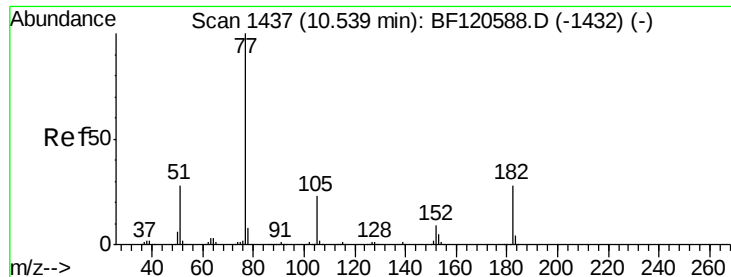


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 4.903 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.04 min

Lab File: BF120731.D

Acq: 29 Jun 2020 16:56

Instrument :

BNA_F

ClientSampleId :

1405-1406

Tot Ion: 77 Resp: 24789

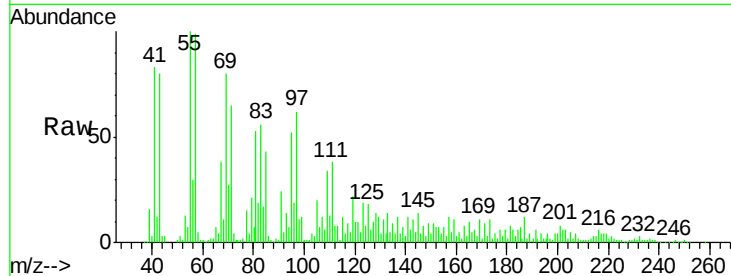
Ion Ratio Lower Upper

77 100

182 41.2 7.6 47.6

105 135.9 3.9 43.9#

51 23.0 8.8 48.8

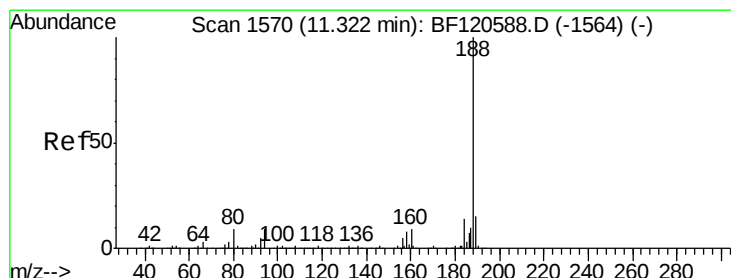
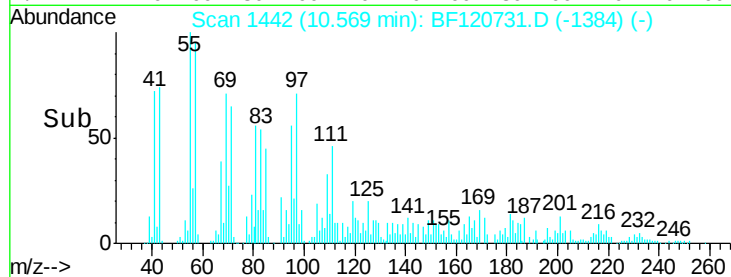
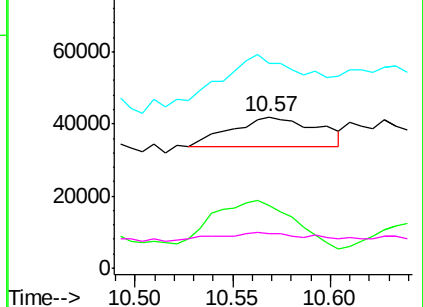


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.08 min

Lab File: BF120731.D

Acq: 29 Jun 2020 16:56

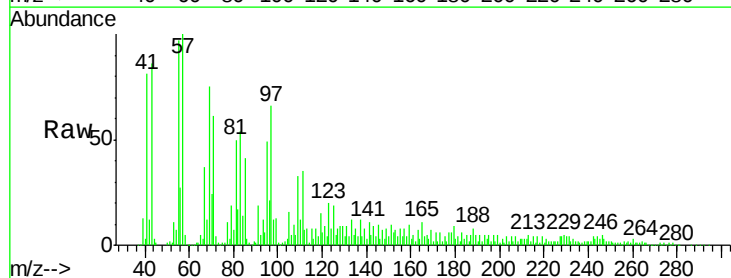
Tgt Ion: 188 Resp: 109043

Ion Ratio Lower Upper

188 100

94 75.6 7.5 11.3#

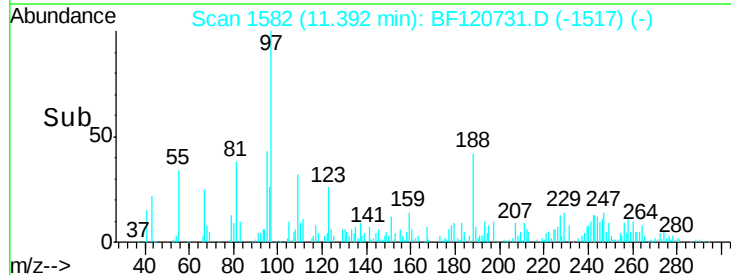
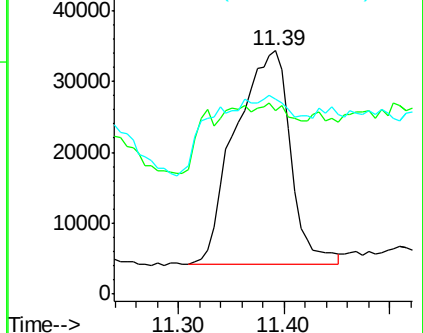
80 80.2 7.7 11.5#

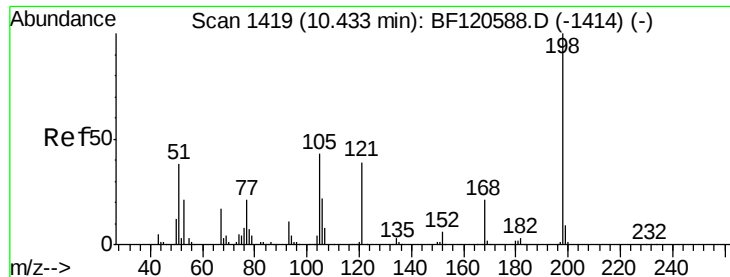


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 7.685 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.02 min

Lab File: BF120731.D

Acq: 29 Jun 2020 16:56

Instrument :

BNA_F

ClientSampleId :

1405-1406

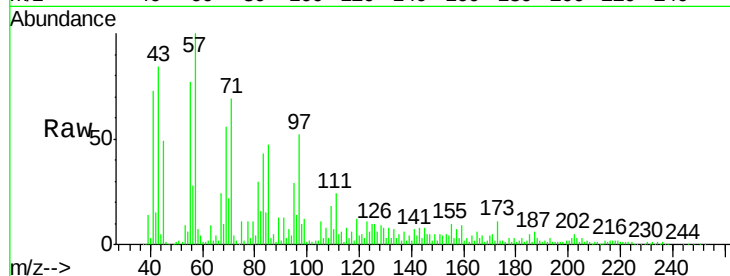
Tot Ion:198 Resp: 5028

Ion Ratio Lower Upper

198 100

51 411.0 23.6 63.6#

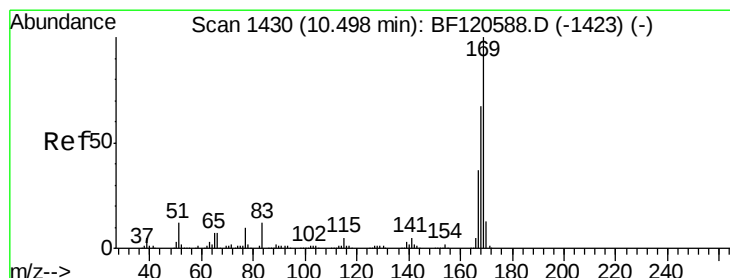
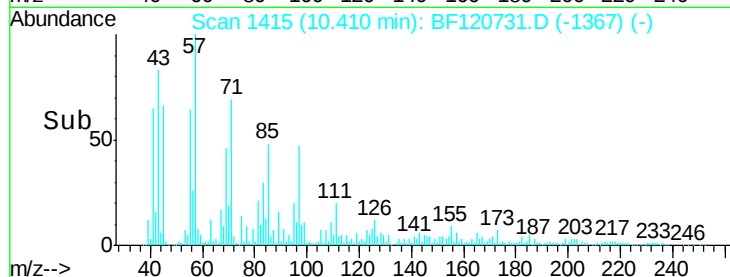
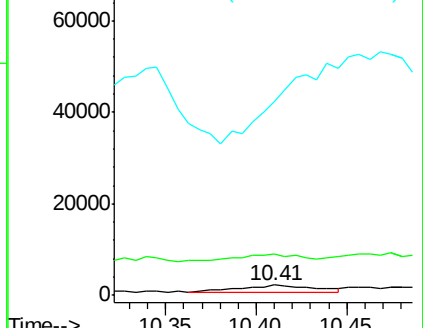
105 1895.6 24.0 64.0#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 53.155 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.05 min

Lab File: BF120731.D

Acq: 29 Jun 2020 16:56

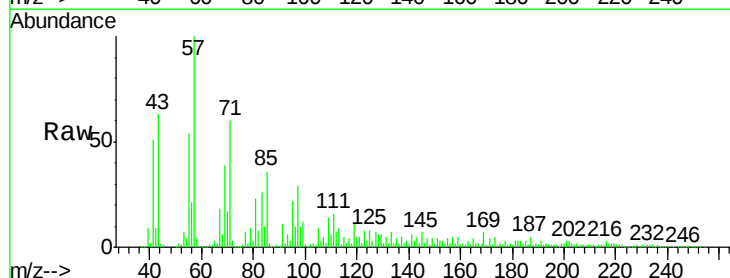
Tgt Ion:169 Resp: 177995

Ion Ratio Lower Upper

169 100

168 24.7 53.2 79.8#

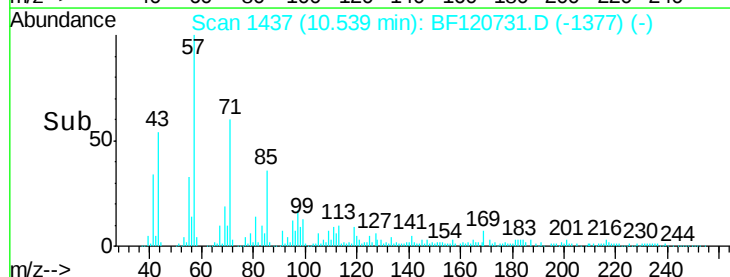
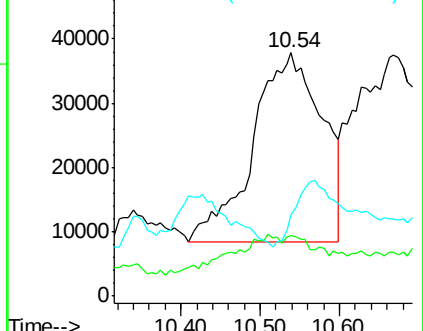
167 33.1 29.2 43.8

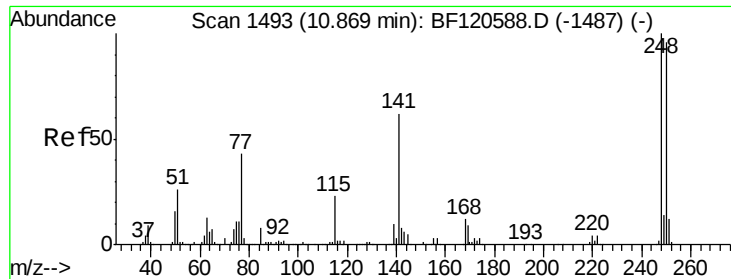


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

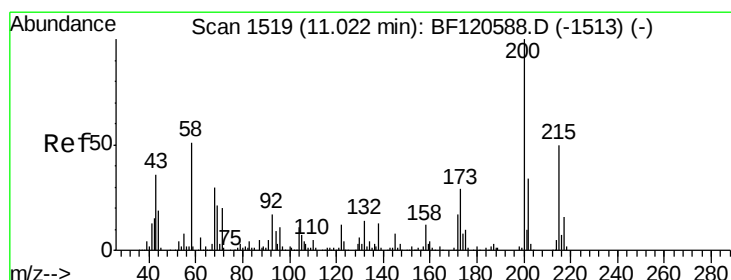
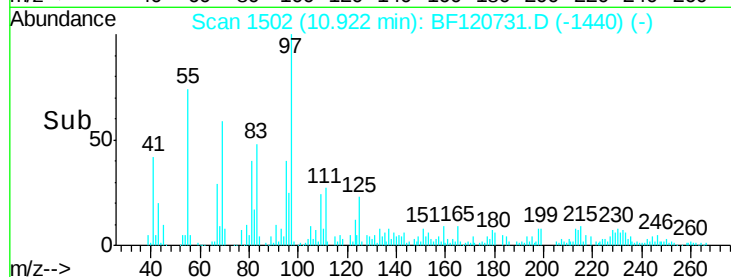
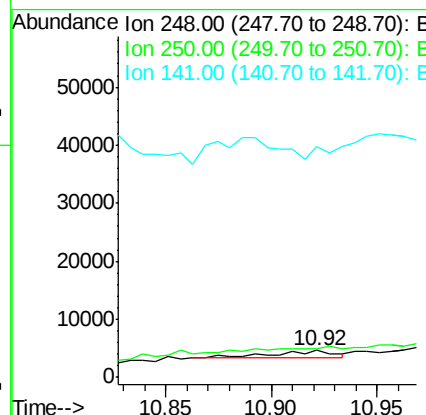
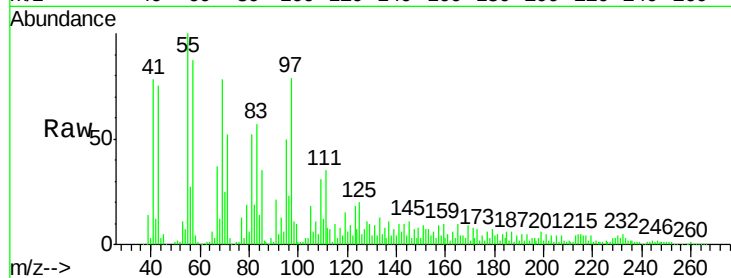




#67
4-Bromophenyl-phenylether
Concen: 2.275 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.06 min
Lab File: BF120731.D
Acq: 29 Jun 2020 16:56

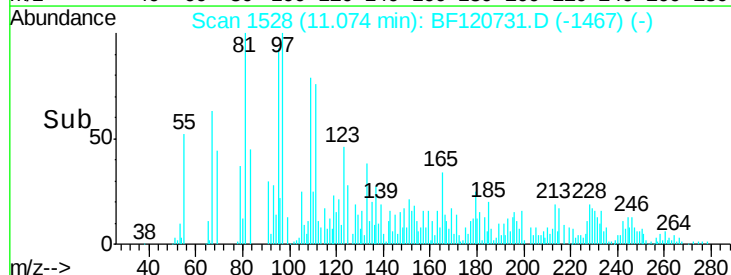
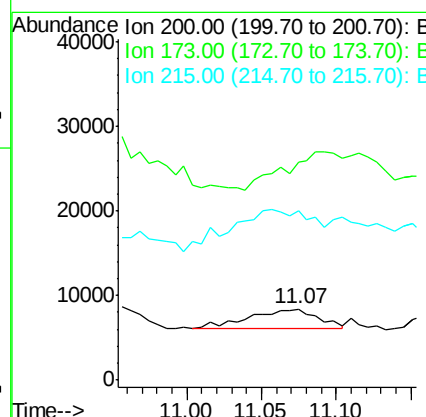
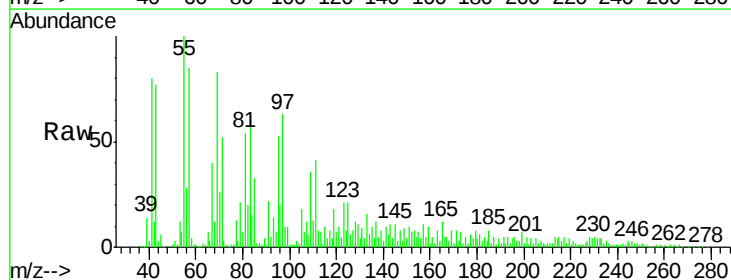
Instrument :
BNA_F
ClientSampleId :
1405-1406

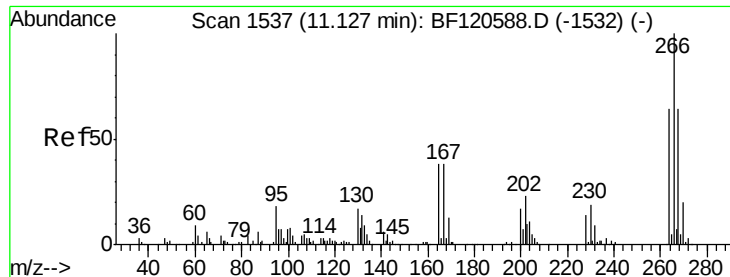
Tot Ion:248 Resp: 2815
Ion Ratio Lower Upper
248 100
250 104.7 77.8 116.6
141 856.0 52.0 78.0#



#69
Atrazine
Concen: 7.190 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.06 min
Lab File: BF120731.D
Acq: 29 Jun 2020 16:56

Tgt Ion:200 Resp: 7451
Ion Ratio Lower Upper
200 100
173 306.7 6.7 46.7#
215 239.2 28.6 68.6#

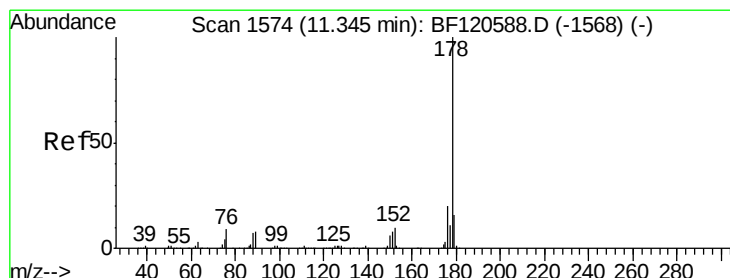
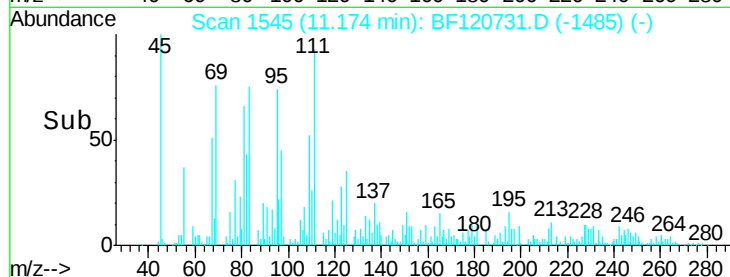
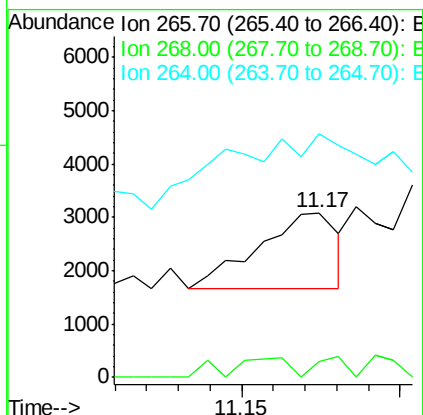
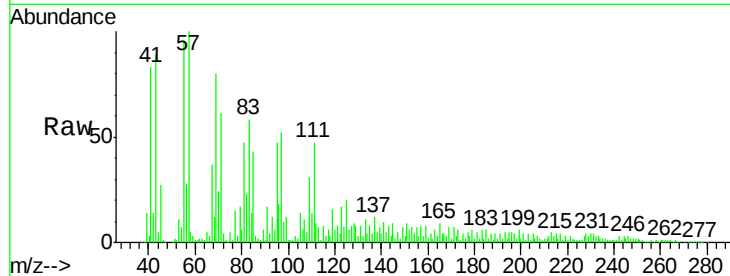




#70
 Pentachlorophenol
 Concen: 3.330 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. 0.05 min
 Lab File: BF120731.D
 Acq: 29 Jun 2020 16:56

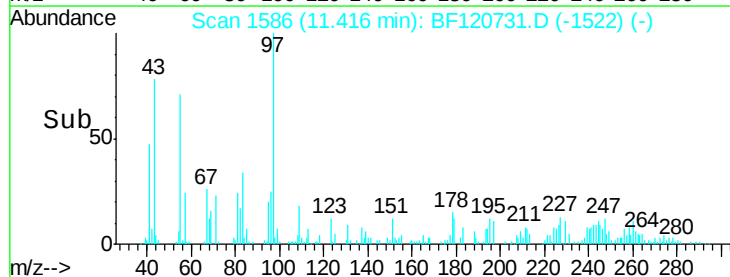
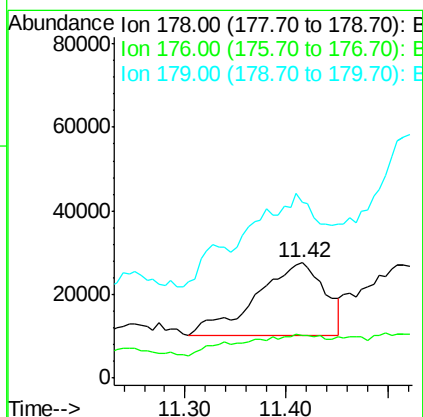
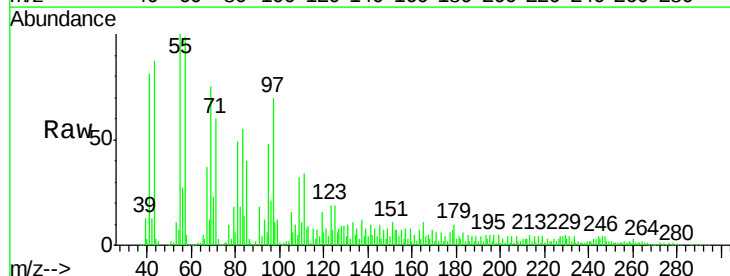
Instrument :
 BNA_F
 ClientSampleId :
 1405-1406

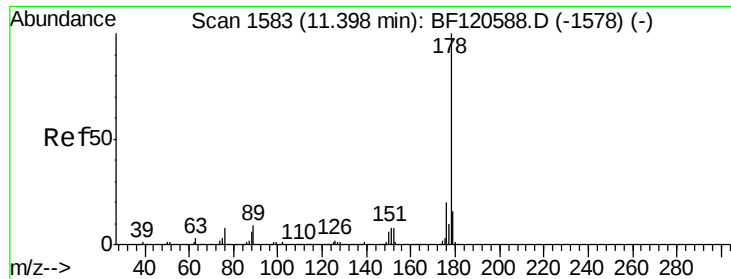
Tot Ion:266 Resp: 2463
 Ion Ratio Lower Upper
 266 100
 268 9.8 51.8 77.6#
 264 147.9 51.3 76.9#



#71
 Phenanthrene
 Concen: 15.147 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.08 min
 Lab File: BF120731.D
 Acq: 29 Jun 2020 16:56

Tgt Ion:178 Resp: 82106
 Ion Ratio Lower Upper
 178 100
 176 37.2 15.8 23.6#
 179 153.2 12.3 18.5#





#72

Anthracene

Concen: 3.822 ng

RT: 11.51 min Scan# 1602

Delta R.T. 0.12 min

Lab File: BF120731.D

Acq: 29 Jun 2020 16:56

Instrument :

BNA_F

ClientSampleId :

1405-1406

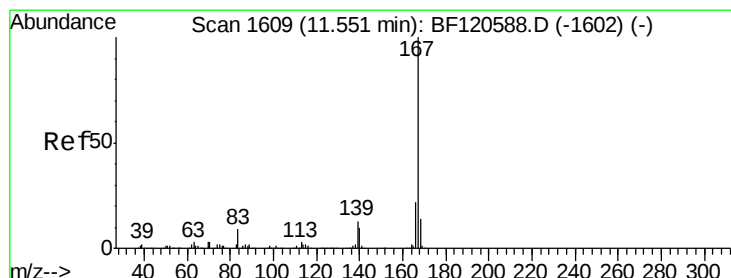
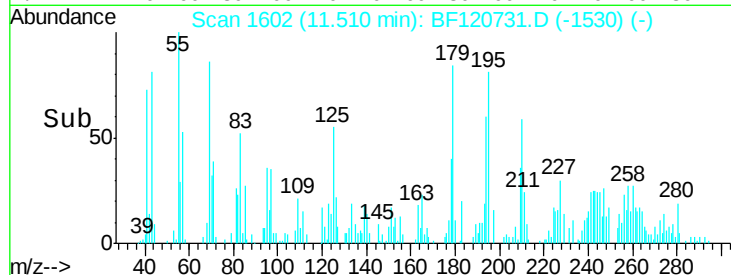
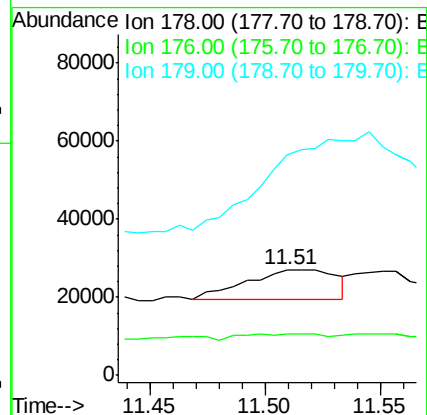
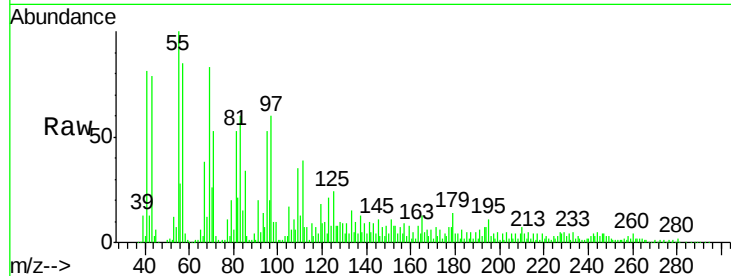
Tot Ion:178 Resp: 20881

Ion Ratio Lower Upper

178 100

176 39.3 15.4 23.2#

179 209.2 12.9 19.3#



#73

Carbazole

Concen: 3.531 ng

RT: 11.72 min Scan# 1637

Delta R.T. 0.17 min

Lab File: BF120731.D

Acq: 29 Jun 2020 16:56

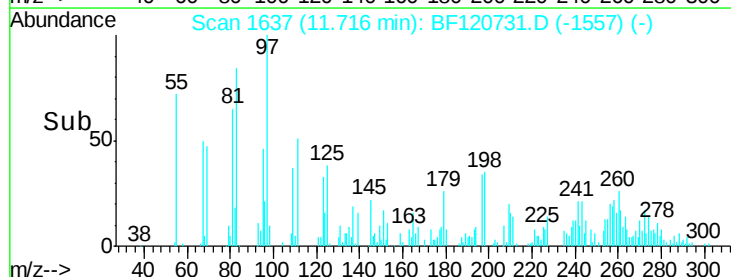
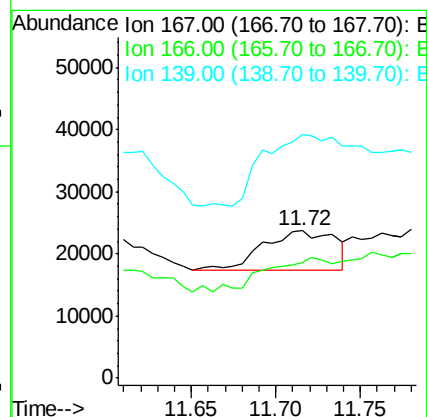
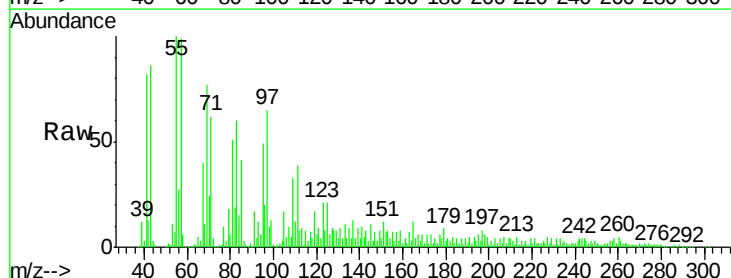
Tgt Ion:167 Resp: 19095

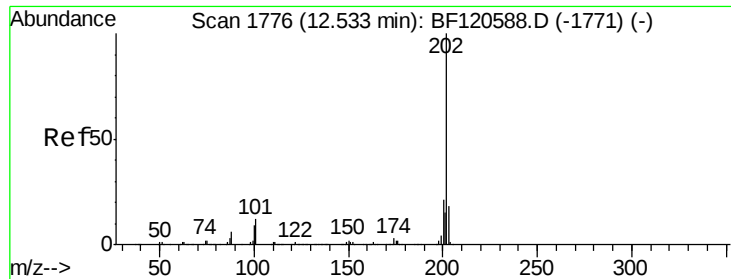
Ion Ratio Lower Upper

167 100

166 78.4 17.7 26.5#

139 165.0 10.2 15.2#





#75

Fluoranthene

Concen: 2.935 ng

RT: 12.61 min Scan# 1789

Delta R.T. 0.08 min

Lab File: BF120731.D

Acq: 29 Jun 2020 16:56

Instrument :

BNA_F

ClientSampleId :

1405-1406

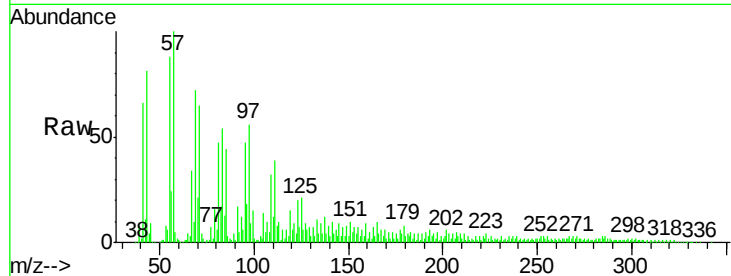
Tot Ion:202 Resp: 18187

Ion Ratio Lower Upper

202 100

101 22.8 0.0 29.8

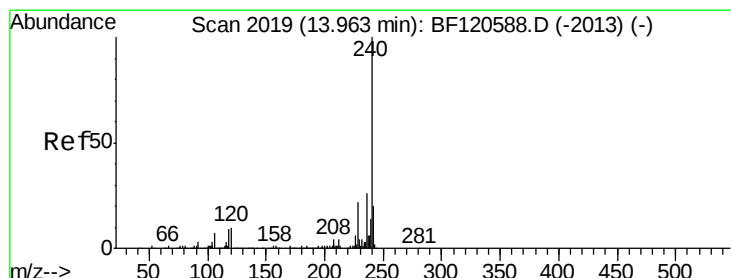
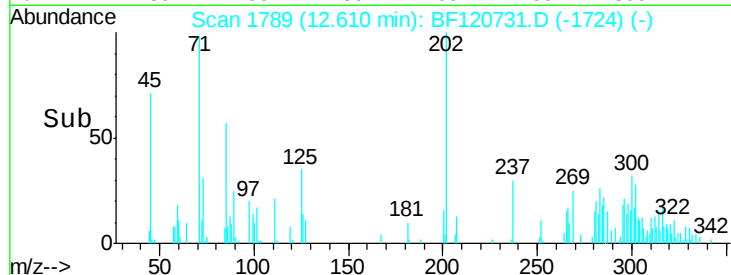
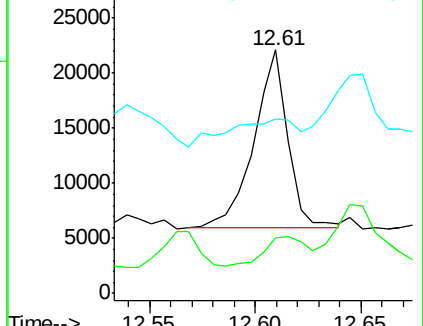
203 71.6 0.0 37.7#



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: 13.99 min Scan# 2024

Delta R.T. 0.04 min

Lab File: BF120731.D

Acq: 29 Jun 2020 16:56

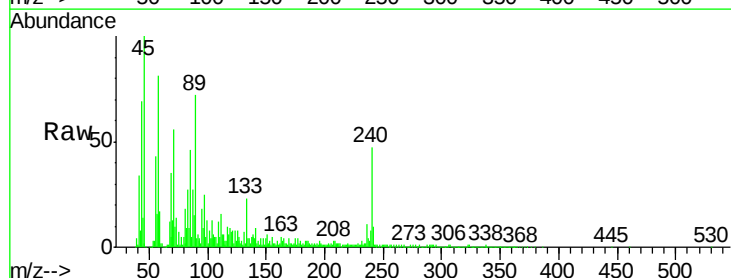
Tgt Ion:240 Resp: 118241

Ion Ratio Lower Upper

240 100

120 14.5 7.6 11.4#

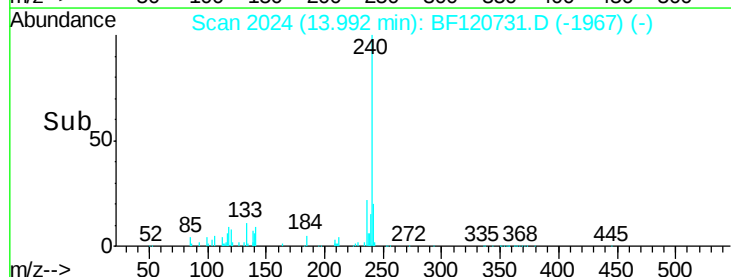
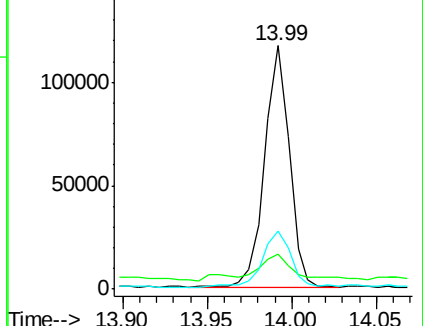
236 23.9 21.0 31.4

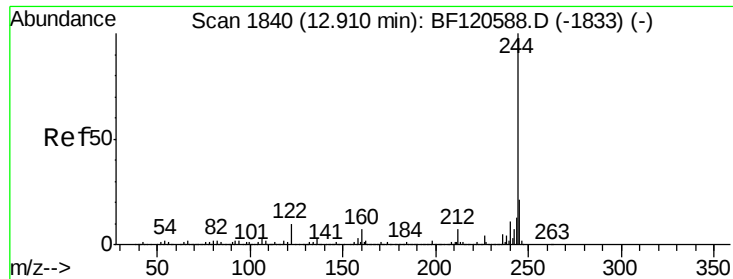


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 72.908 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.06 min

Lab File: BF120731.D

Acq: 29 Jun 2020 16:56

Instrument :

BNA_F

ClientSampleId :

1405-1406

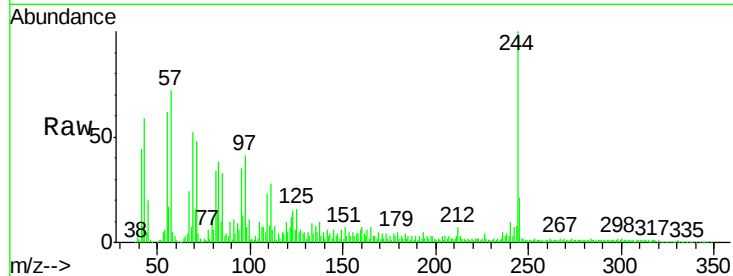
Tot Ion:244 Resp: 390274

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 12.0 8.8 13.2

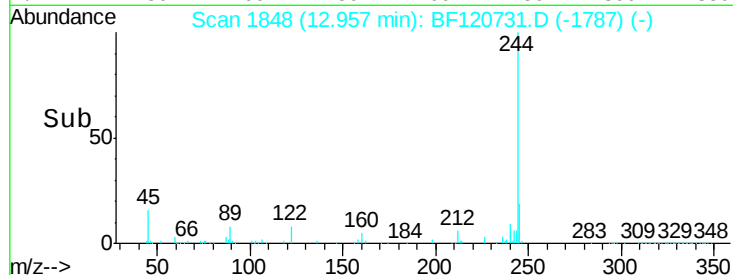


Abundance Ion 244.00 (243.70 to 244.70): E

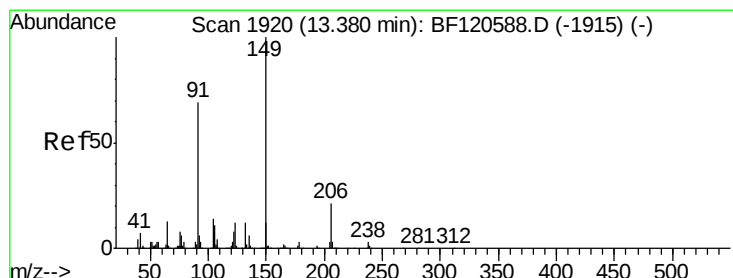
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#80

Butylbenzylphthalate

Concen: 7.320 ng

RT: 13.39 min Scan# 1922

Delta R.T. 0.02 min

Lab File: BF120731.D

Acq: 29 Jun 2020 16:56

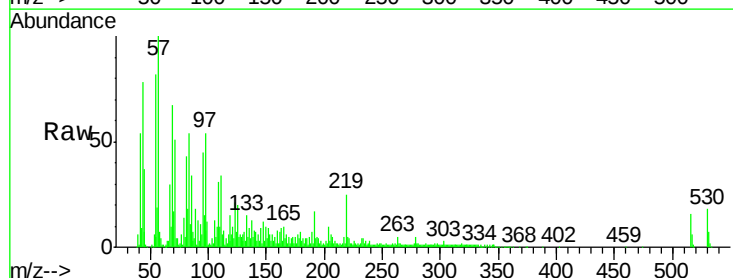
Tgt Ion:149 Resp: 27226

Ion Ratio Lower Upper

149 100

91 125.1 50.0 75.0#

206 23.6 17.6 26.4

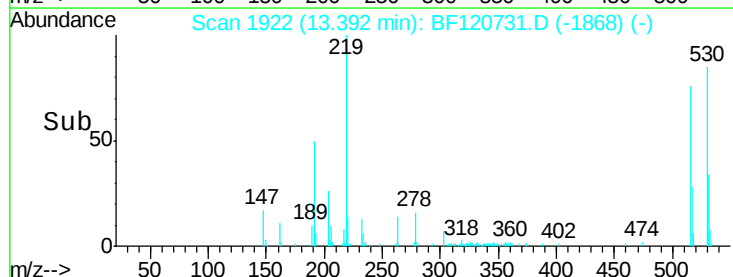


Abundance Ion 149.00 (148.70 to 149.70): E

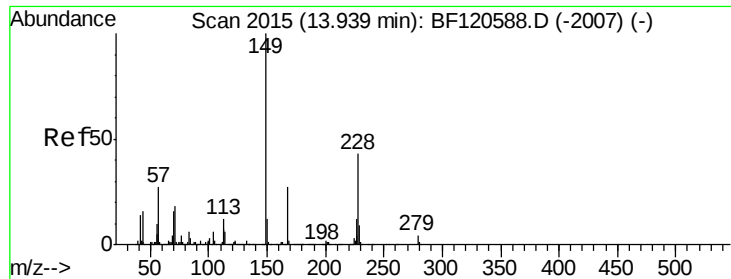
Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

Time-->



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.354 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.04 min

Lab File: BF120731.D

Acq: 29 Jun 2020 16:56

Instrument :

BNA_F

ClientSampleId :

1405-1406

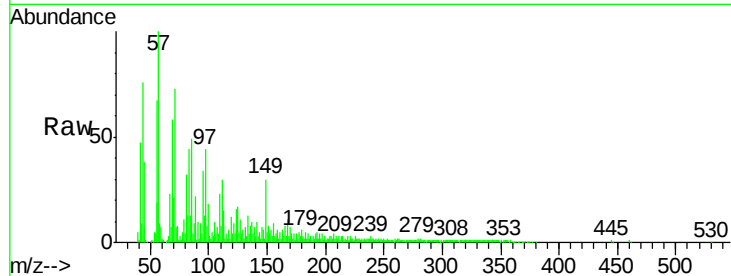
Tot Ion:149 Resp: 37921

Ion Ratio Lower Upper

149 100

167 35.0 21.9 32.9#

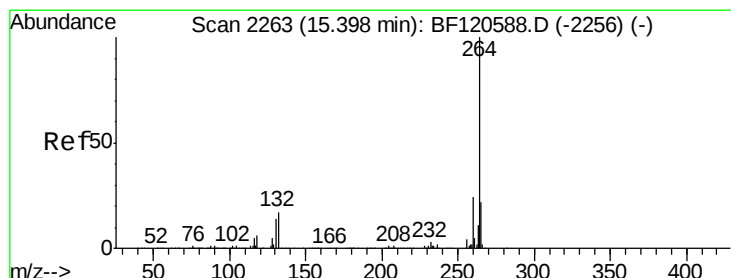
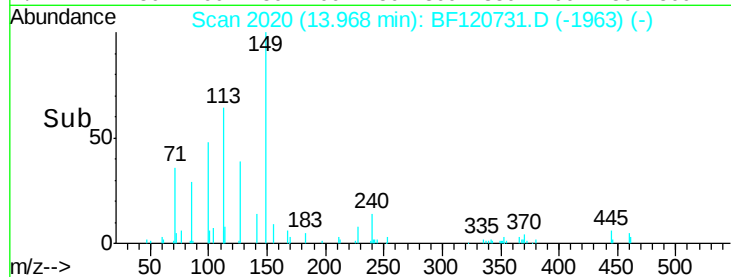
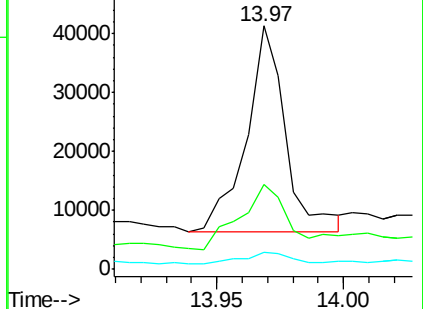
279 7.1 3.6 5.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. 0.05 min

Lab File: BF120731.D

Acq: 29 Jun 2020 16:56

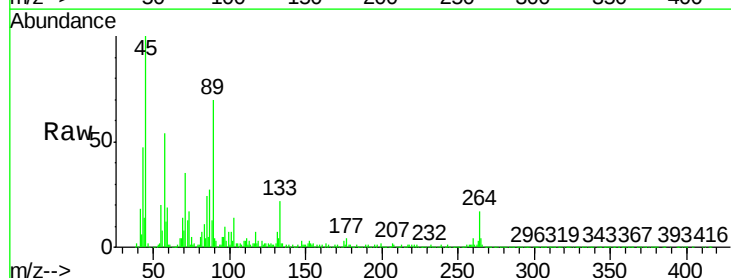
Tgt Ion:264 Resp: 184284

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

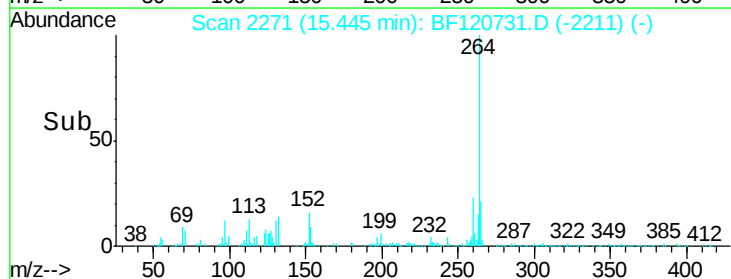
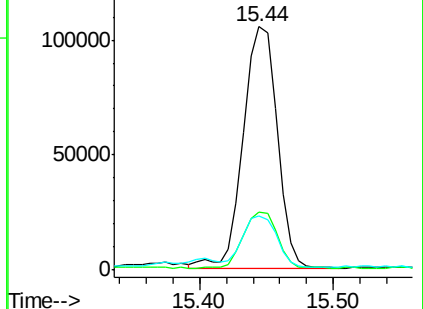
265 22.1 17.4 26.0

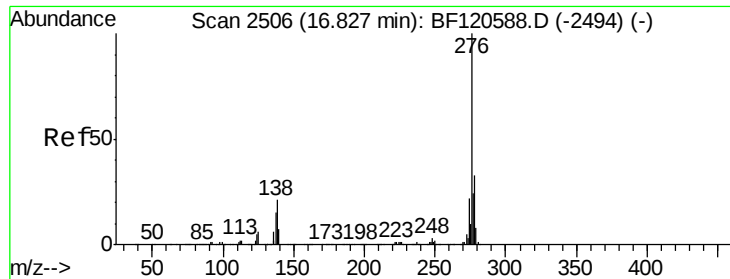


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

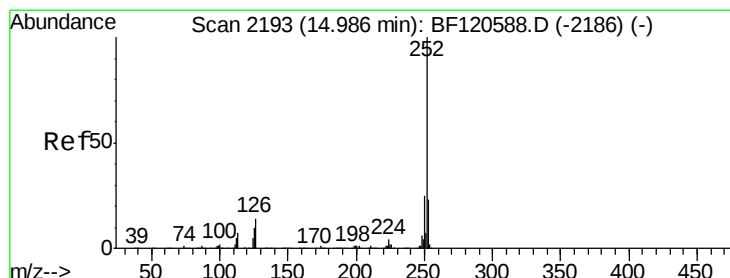
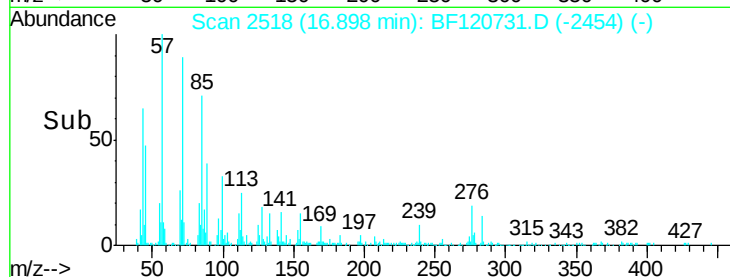
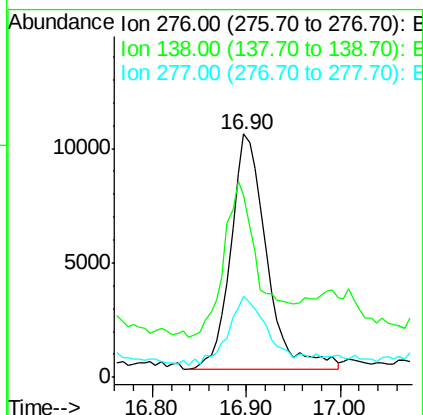
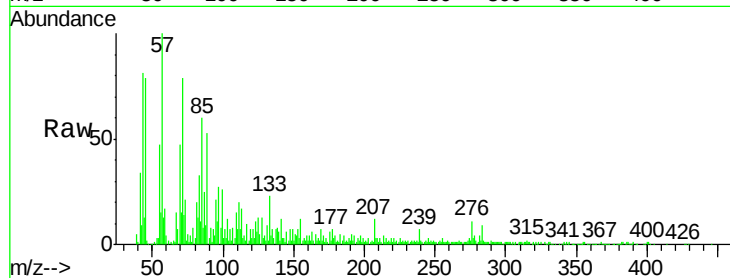




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.407 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.08 min
Lab File: BF120731.D
Acq: 29 Jun 2020 16:56

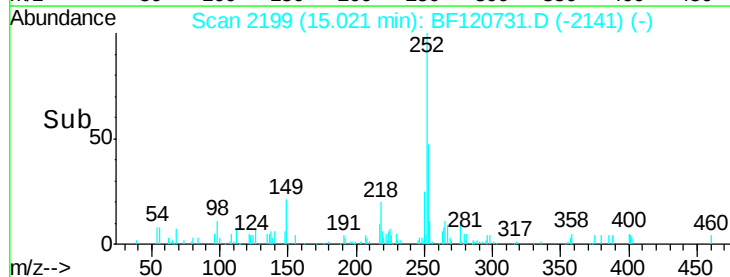
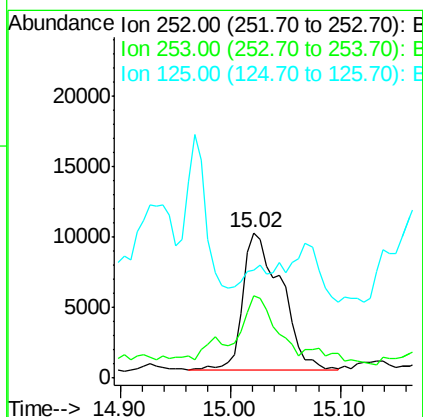
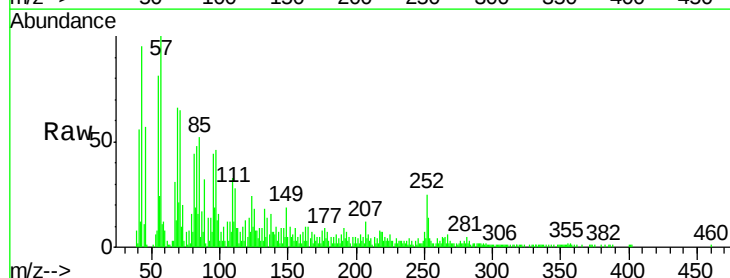
Instrument :
BNA_F
ClientSampled :
1405-1406

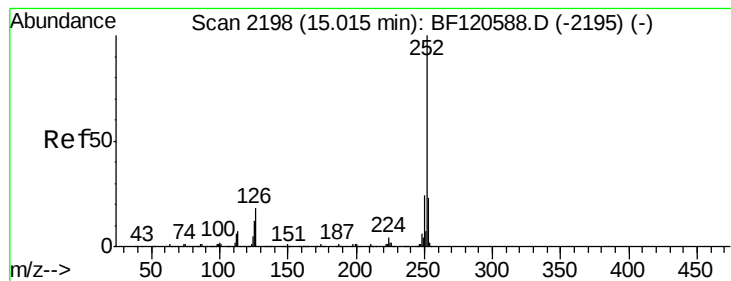
Tot Ion	Ratio	Lower	Upper
276	100		
138	66.8	18.4	27.6#
277	33.5	19.8	29.8#



#88
Benzo(b)fluoranthene
Concen: 2.150 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.04 min
Lab File: BF120731.D
Acq: 29 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	56.5	18.1	27.1#
125	74.2	7.9	11.9#





#89

Benzo(k)fluoranthene

Concen: 2.430 ng

RT: 15.02 min Scan# 2199

Delta R.T. 0.01 min

Lab File: BF120731.D

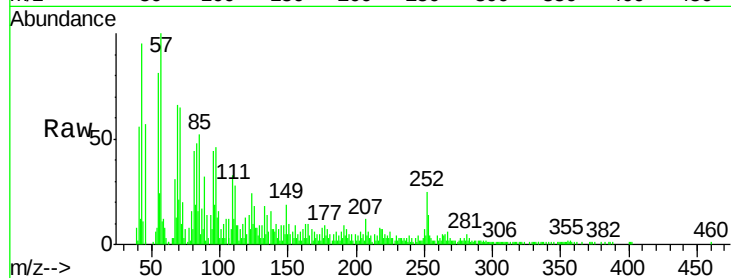
Acq: 29 Jun 2020 16:56

Instrument :

BNA_F

ClientSampleId :

1405-1406



Tot Ion:252 Resp: 23599

Ion Ratio Lower Upper

252 100

253 56.5 17.4 26.2#

125 74.2 7.4 11.2#

