

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
 Data File : BF120068.D
 Acq On : 17 Apr 2020 19:21
 Operator : MA/SJ
 Sample : L2245-41
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-15

Quant Time: Apr 18 01:37:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 10:51:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	175667	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	596694	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	240676	20.00	ng	0.01
64) Phenanthrene-d10	11.27	188	373194	20.00	ng	0.01
76) Chrysene-d12	13.90	240	300417	20.00	ng	0.00
87) Perylene-d12	15.33	264	251475	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	926104	91.11	ng	0.01
7) Phenol-d6	6.37	99	1156497	88.30	ng	0.00
23) Nitrobenzene-d5	7.30	82	741776	64.31	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	159105	53.99	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1229316	72.52	ng	0.00
79) Terphenyl-d14	12.85	244	824407	46.18	ng	0.00

Target Compounds				Qvalue		
9) Benzaldehyde	6.27	77	5607	Below Cal	#	17
18) Hexachloroethane	7.27	117	51901	10.964	ng	1
19) n-Nitroso-di-n-propylamine	7.16	70	24437	2.901	ng	68
25) Isophorone	7.54	82	54899	2.469	ng	1
26) 2-Nitrophenol	7.64	139	12024	2.074	ng	1
31) Naphthalene	8.04	128	80412	2.561	ng	70
35) Caprolactam	8.49	113	16869	6.154	ng	1
37) 2-Methylnaphthalene	8.74	142	59133	2.778	ng	91
38) 1-Methylnaphthalene	8.84	142	270777	13.498	ng	97
43) 2,4,6-Trichlorophenol	9.02	196	11564	2.203	ng	12
48) 2-Nitroaniline	9.38	65	17123	3.019	ng	48
49) Acenaphthylene	9.65	152	63529	2.669	ng	7
50) Dimethylphthalate	9.50	163	91591	4.920	ng	51
52) Acenaphthene	9.82	154	73103	4.605	ng	88
53) 3-Nitroaniline	9.73	138	13604	2.922	ng	33
55) Dibenzofuran	9.99	168	66357	3.046	ng	1
56) 4-Nitrophenol	9.89	139	54873	15.840	ng	32
57) 2,4-Dinitrotoluene	9.99	165	36231	6.746	ng	52
58) Fluorene	10.33	166	140061	8.039	ng	88
62) 4-Nitroaniline	10.24	138	10300	2.321	ng	94
66) n-Nitrosodiphenylamine	10.45	169	234173	18.868	ng	50
71) Phenanthrene	11.30	178	596513	30.033	ng	97
72) Anthracene	11.30	178	596513	29.399	ng	98
75) Fluoranthene	12.49	202	637337	29.740	ng	98
78) Pyrene	12.71	202	658525	26.002	ng	99
81) Benzo(a)anthracene	13.89	228	362388	18.336	ng	97
83) Chrysene	13.93	228	334907	16.678	ng	96
86) Indeno(1,2,3-cd)pyrene	16.72	276	129919	7.339	ng	99
88) Benzo(b)fluoranthene	14.92	252	451765	24.972	ng	95
89) Benzo(k)fluoranthene	14.92	252	451765	28.943	ng	96
90) Benzo(a)pyrene	15.27	252	244928	16.103	ng	97
91) Dibenzo(a,h)anthracene	16.73	278	40260	2.988	ng	87
92) Benzo(a,h,i)perylene	17.14	276	143434	10.785	ng	93

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Misc :
ALS Vial : 23 Sample Multiplier: 1

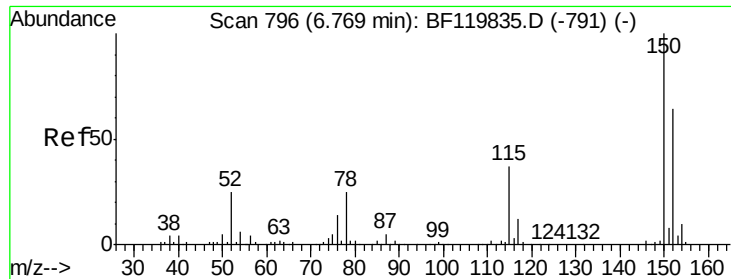
Instrument :
BNA_F
ClientSampleId :
TP-7-15

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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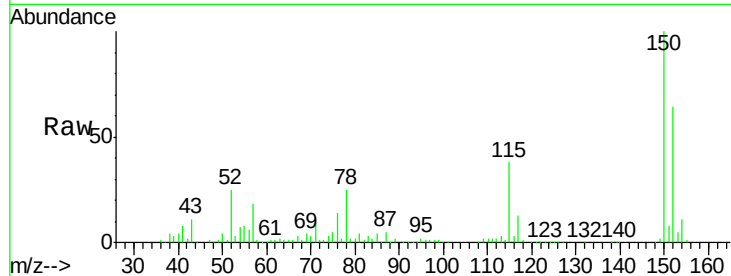


#1

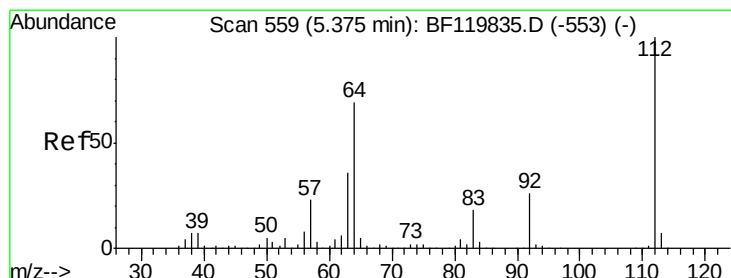
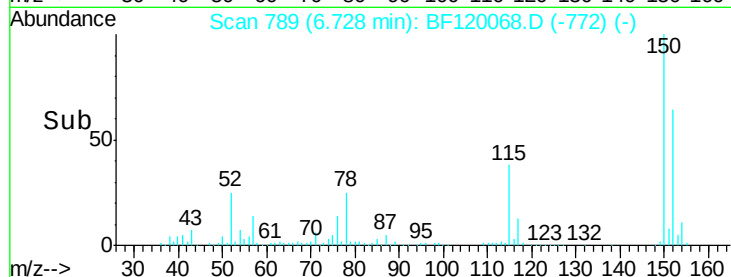
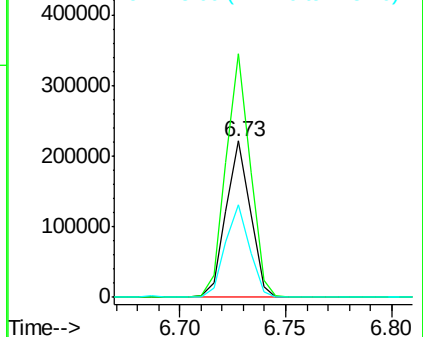
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF120068.D
Acq: 17 Apr 2020 19:21

Instrument :
BNA_F
ClientSampleId :
TP-7-15

Tot Ion:152 Resp: 175667
Ion Ratio Lower Upper
152 100
150 155.8 124.8 187.2
115 59.3 46.5 69.7



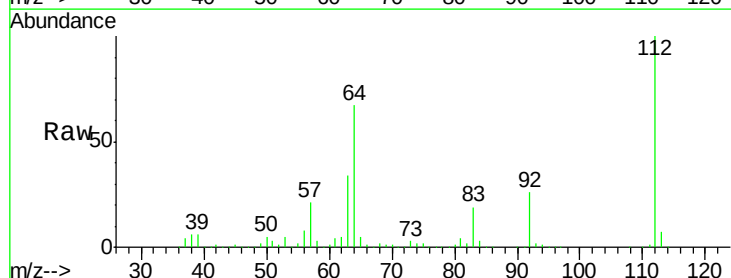
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



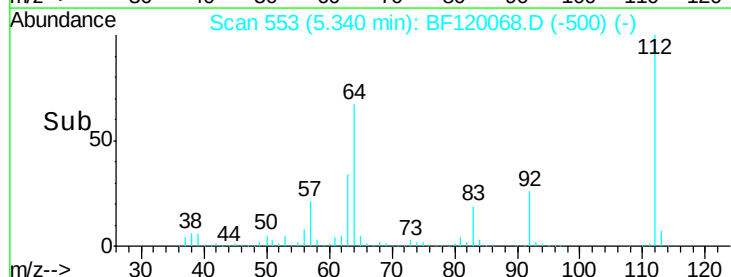
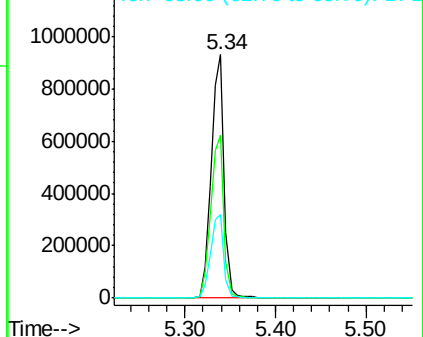
#5

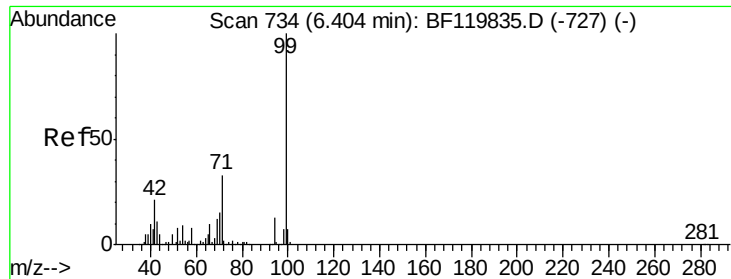
2-Fluorophenol
Concen: 91.109 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF120068.D
Acq: 17 Apr 2020 19:21

Tgt Ion:112 Resp: 926104
Ion Ratio Lower Upper
112 100
64 67.0 55.5 83.3
63 34.3 29.1 43.7



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: 88.296 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF120068.D

Acq: 17 Apr 2020 19:21

Instrument :

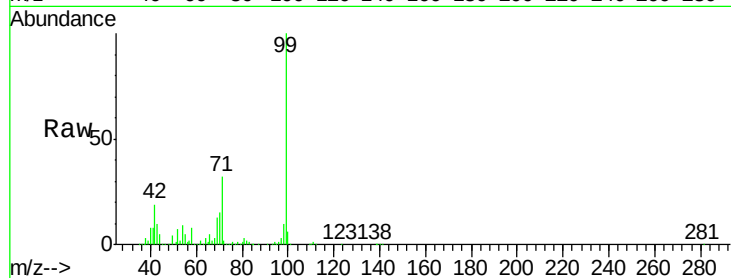
BNA_F

ClientSampleId :

TP-7-15

Tot Ion: 99 Resp: 1156497

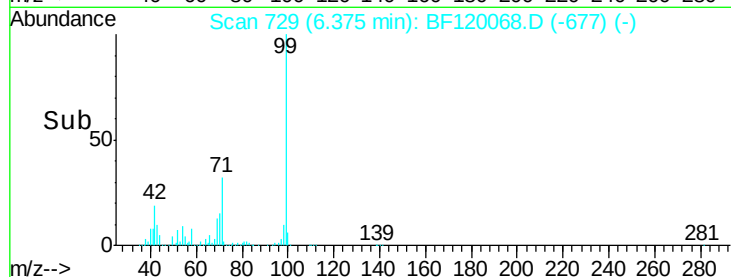
Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.9	25.3
71	32.0	26.3	39.5



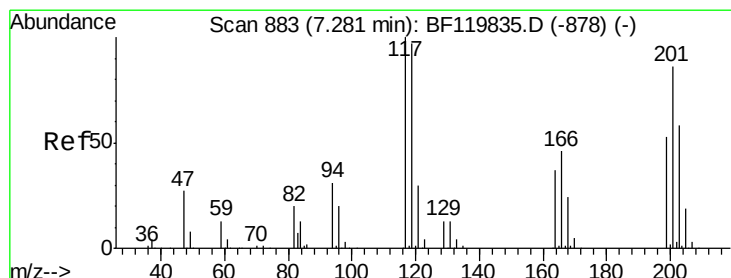
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#18

Hexachloroethane

Concen: 10.964 ng

RT: 7.27 min Scan# 881

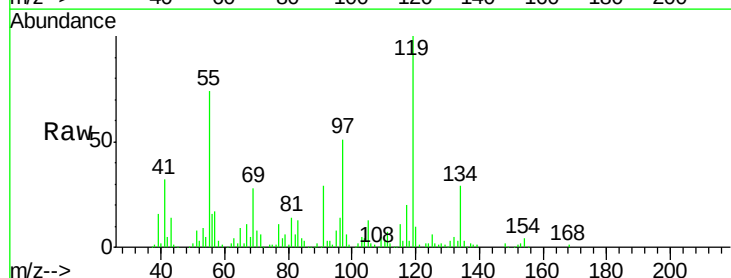
Delta R.T. 0.03 min

Lab File: BF120068.D

Acq: 17 Apr 2020 19:21

Tgt Ion: 117 Resp: 51901

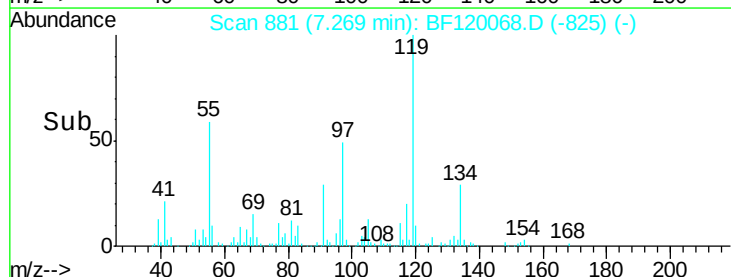
Ion	Ratio	Lower	Upper
117	100		
119	509.1	77.4	116.0#
201	0.0	68.4	102.6#



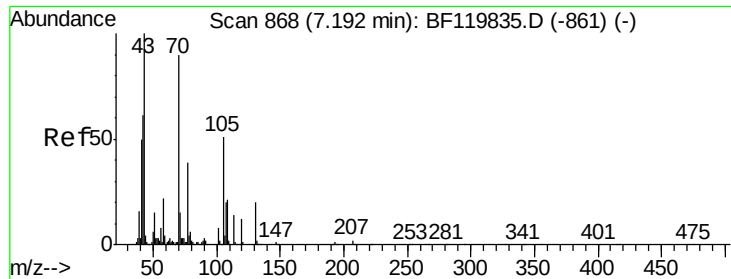
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



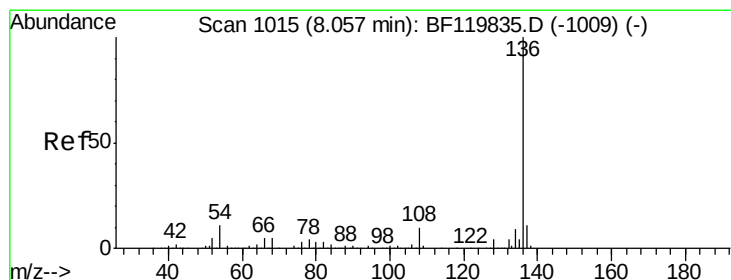
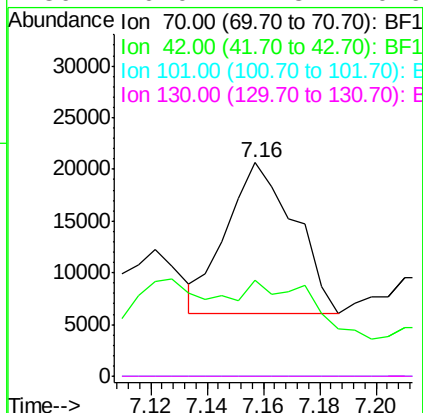
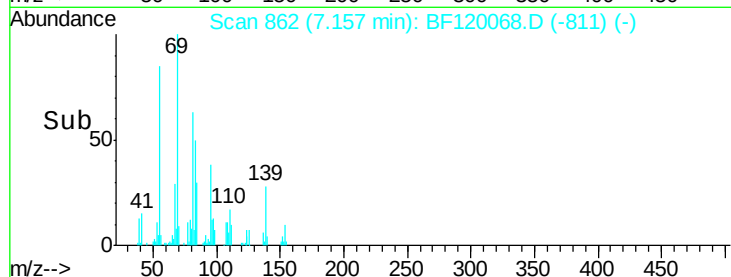
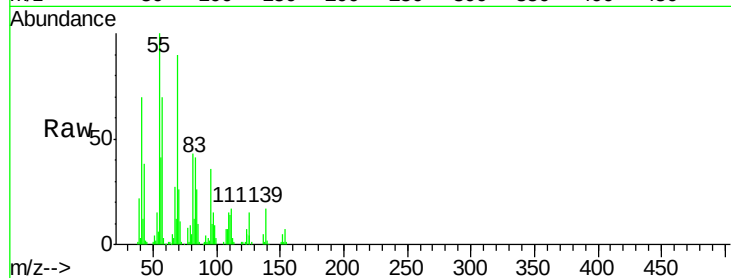
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 2.901 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF120068.D
Acq: 17 Apr 2020 19:21

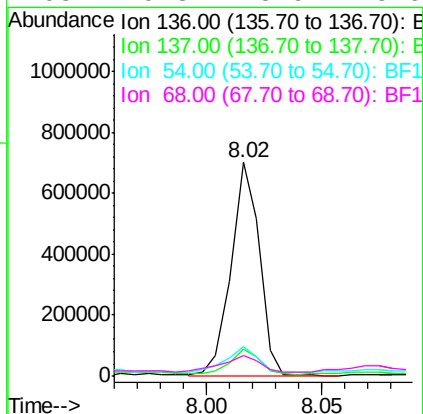
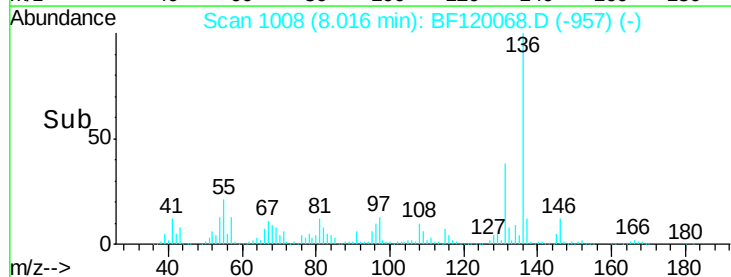
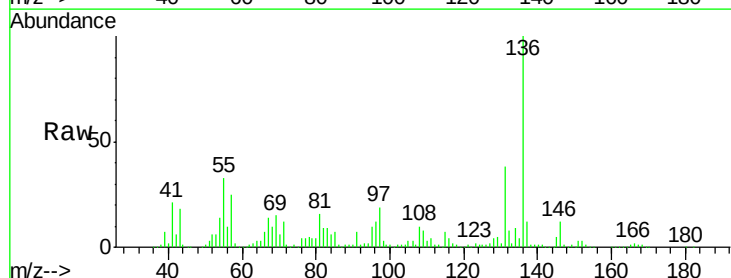
Instrument :
BNA_F
ClientSampled :
TP-7-15

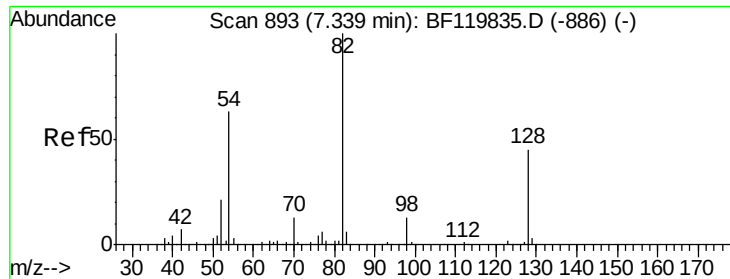
Tot Ion: 70 Resp: 24437
Ion Ratio Lower Upper
70 100
42 44.9 54.2 81.4#
101 0.0 7.4 11.2#
130 0.0 17.8 26.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF120068.D
Acq: 17 Apr 2020 19:21

Tgt Ion: 136 Resp: 596694
Ion Ratio Lower Upper
136 100
137 12.3 8.7 13.1
54 13.6 8.5 12.7#
68 9.8 3.9 5.9#

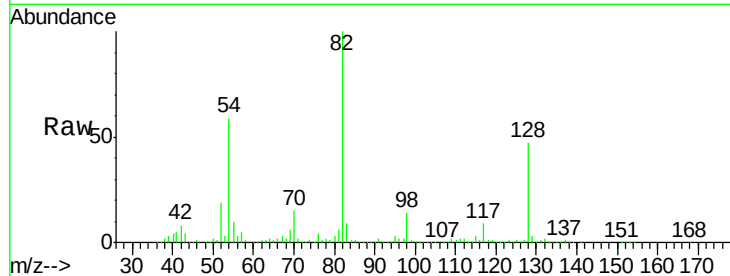




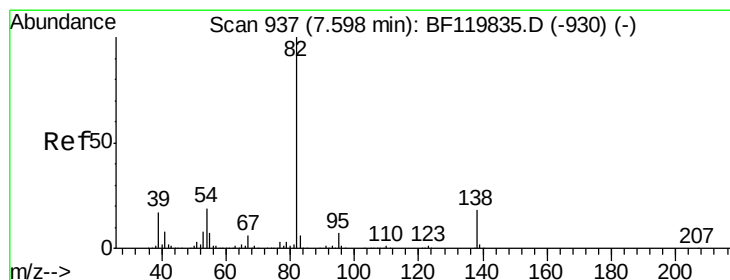
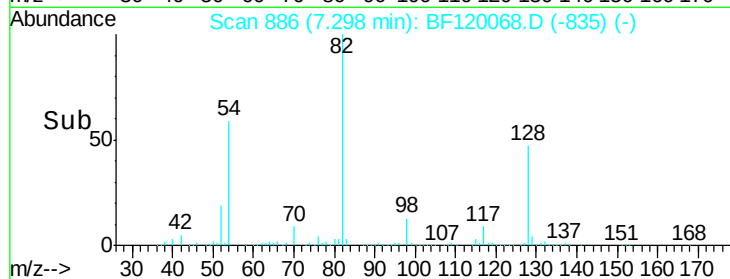
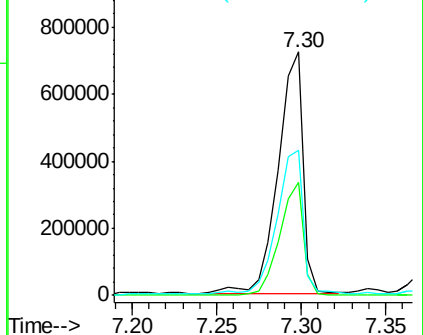
#23
 Nitrobenzene-d5
 Concen: 64.312 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: BF120068.D
 Acq: 17 Apr 2020 19:21

Instrument :
 BNA_F
 ClientSampled :
 TP-7-15

Tot Ion: 82 Resp: 741776
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.2 54.4
 54 59.4 50.4 75.6

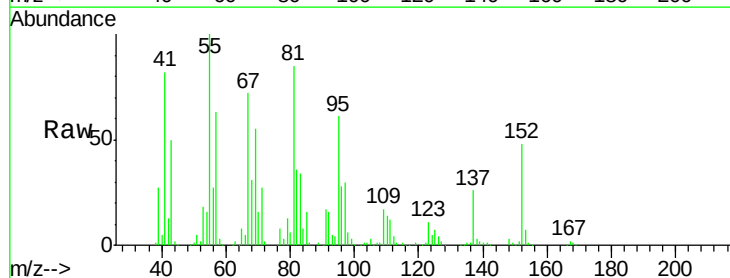


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

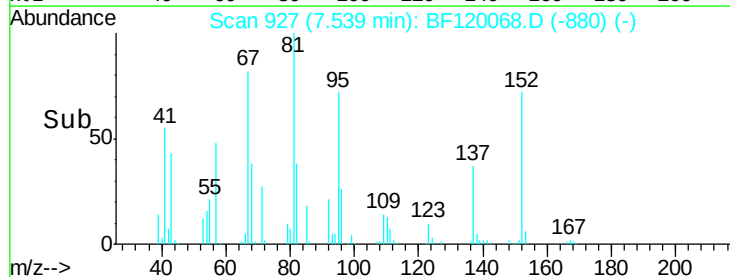
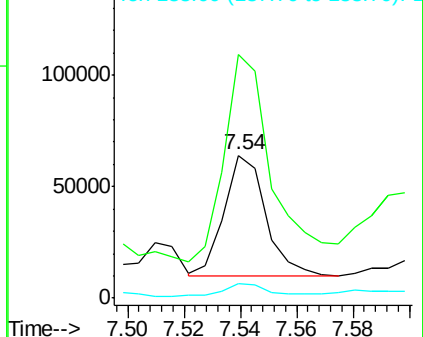


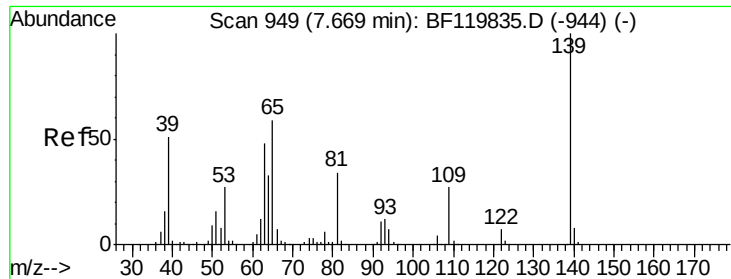
#25
 Isophorone
 Concen: 2.469 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.02 min
 Lab File: BF120068.D
 Acq: 17 Apr 2020 19:21

Tgt Ion: 82 Resp: 54899
 Ion Ratio Lower Upper
 82 100
 95 170.1 5.8 8.6#
 138 9.7 14.5 21.7#



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

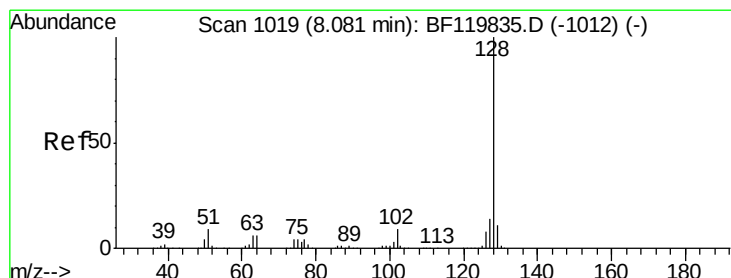
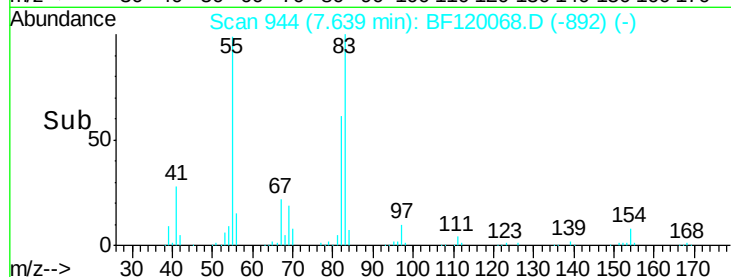
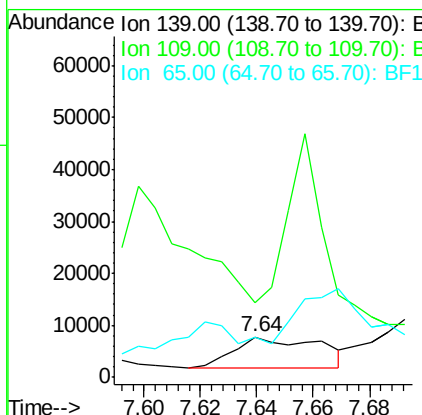
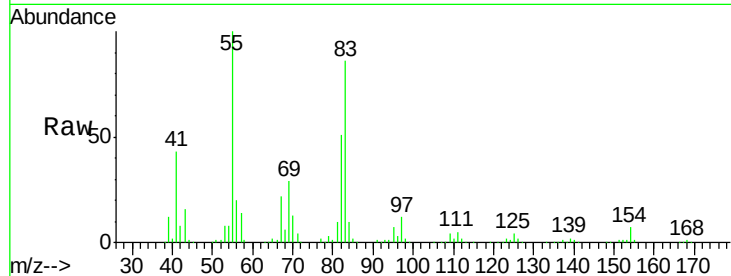




#26
2-Nitrophenol
Concen: 2.074 ng
RT: 7.64 min Scan# 944
Delta R.T. 0.01 min
Lab File: BF120068.D
Acq: 17 Apr 2020 19:21

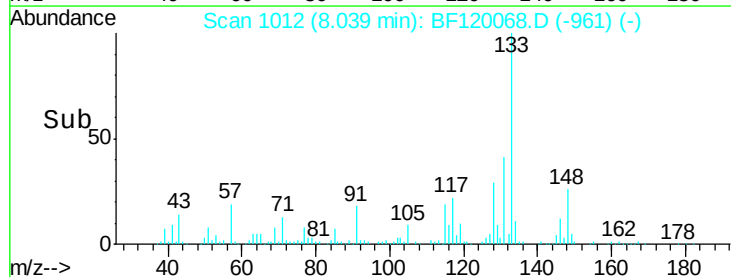
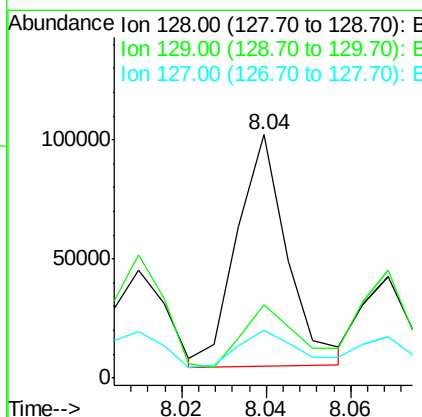
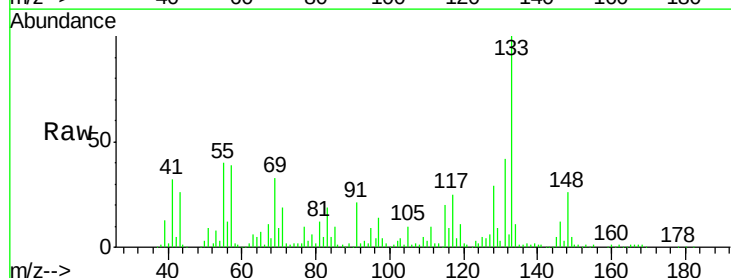
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TP-7-15

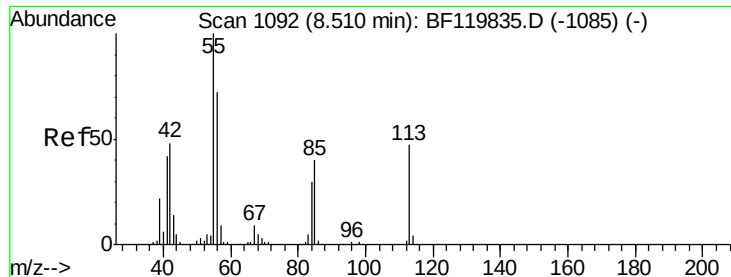
Tot Ion:139 Resp: 12024
Ion Ratio Lower Upper
139 100
109 185.8 21.8 32.6#
65 99.2 47.0 70.4#



#31
Naphthalene
Concen: 2.561 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF120068.D
Acq: 17 Apr 2020 19:21

Tgt Ion:128 Resp: 80412
Ion Ratio Lower Upper
128 100
129 30.4 9.0 13.6#
127 19.4 11.0 16.4#

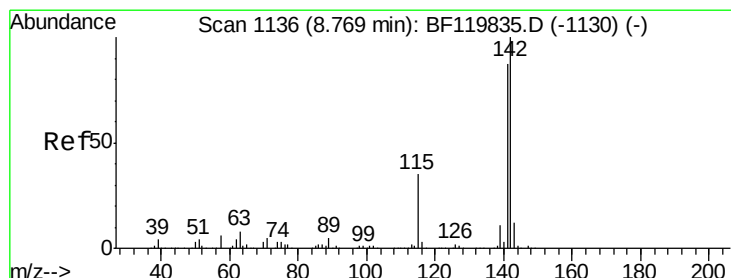
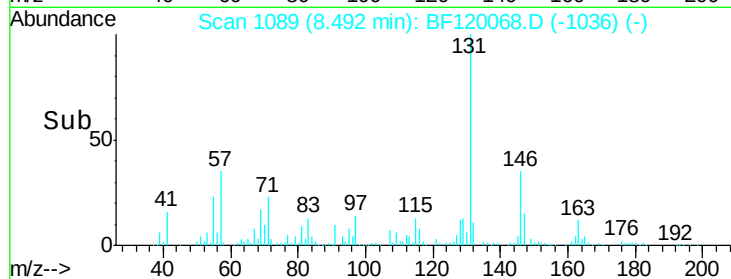
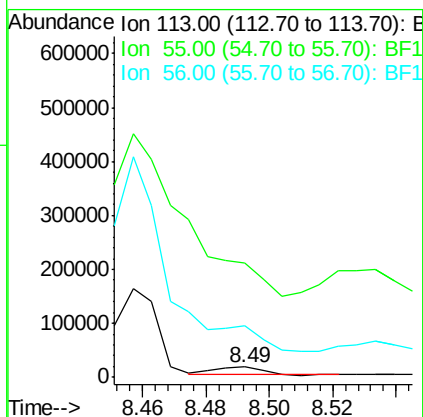
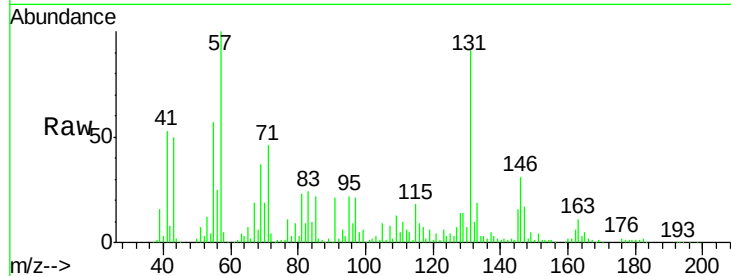




#35
 Caprolactam
 Concen: 6.154 ng
 RT: 8.49 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: BF120068.D
 Acq: 17 Apr 2020 19:21

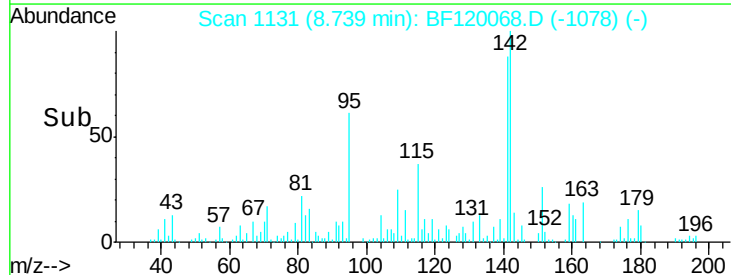
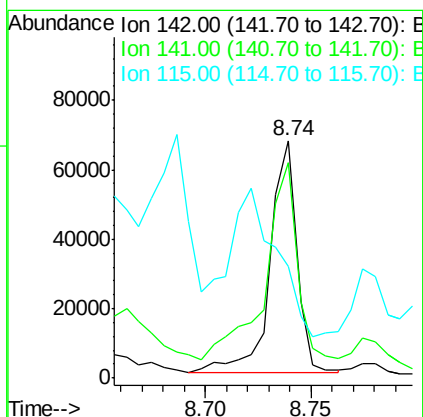
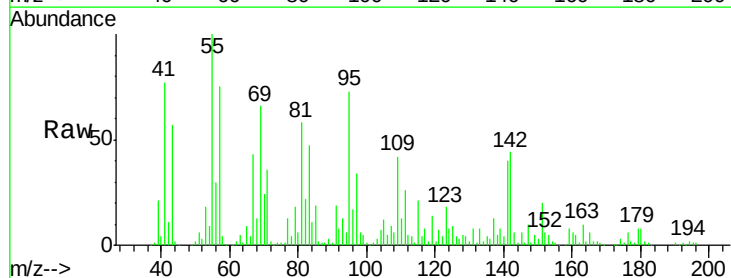
Instrument :
 BNA_F
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 TP-7-15

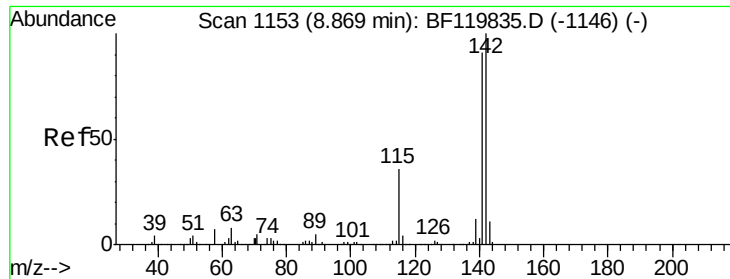
Tot Ion:113 Resp: 16869
 Ion Ratio Lower Upper
 113 100
 55 1075.7 192.7 232.7#
 56 482.6 133.3 173.3#



#37
 2-Methylnaphthalene
 Concen: 2.778 ng
 RT: 8.74 min Scan# 1131
 Delta R.T. 0.01 min
 Lab File: BF120068.D
 Acq: 17 Apr 2020 19:21

Tgt Ion:142 Resp: 59133
 Ion Ratio Lower Upper
 142 100
 141 91.0 69.9 104.9
 115 47.2 28.0 42.0#

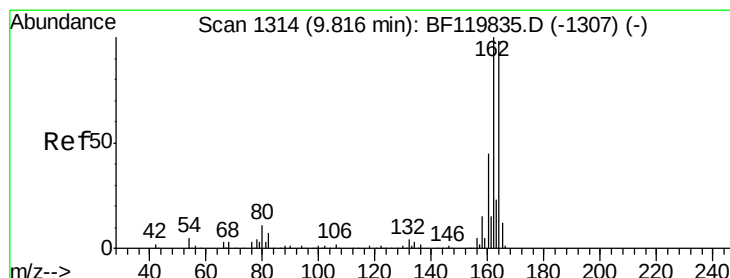
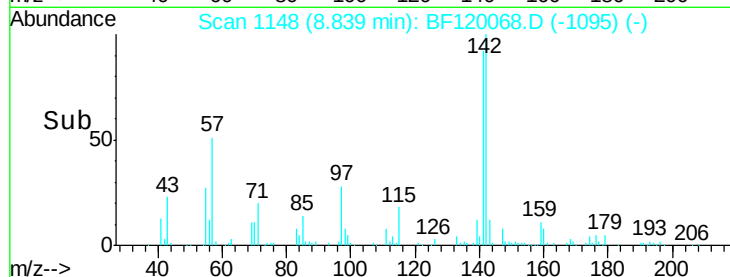
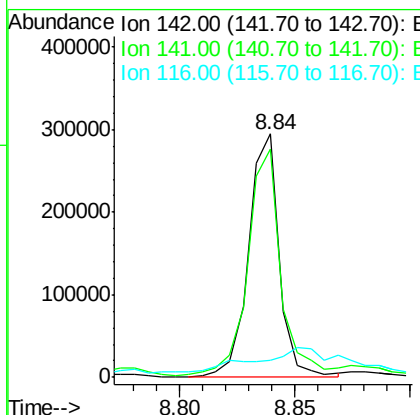
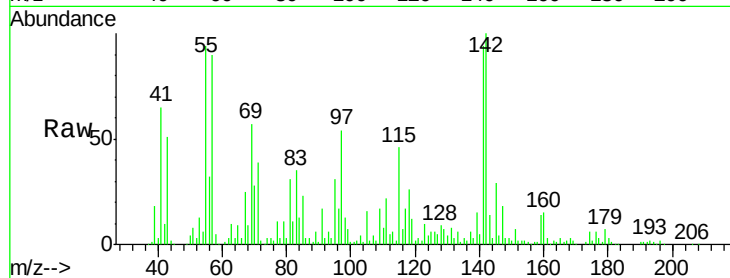




#38
 1-Methylnaphthalene
 Concen: 13.498 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. 0.01 min
 Lab File: BF120068.D
 Acq: 17 Apr 2020 19:21

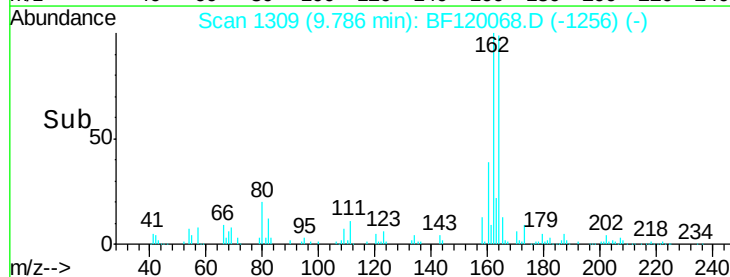
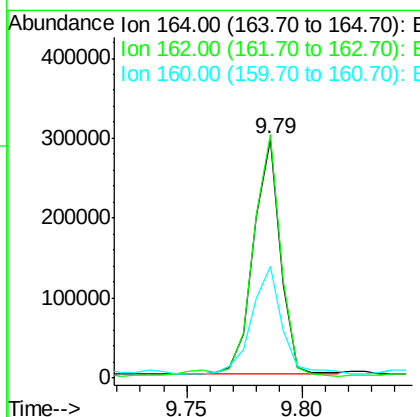
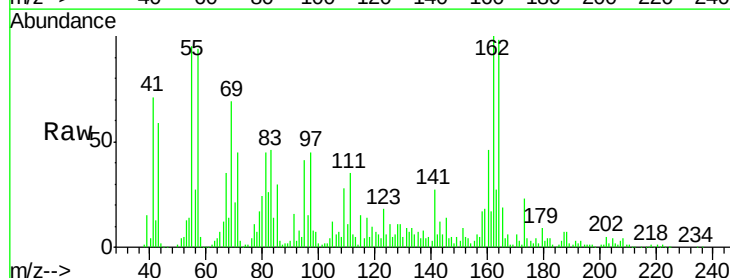
Instrument :
 BNA_F
 ClientSampleId :
 TP-7-15

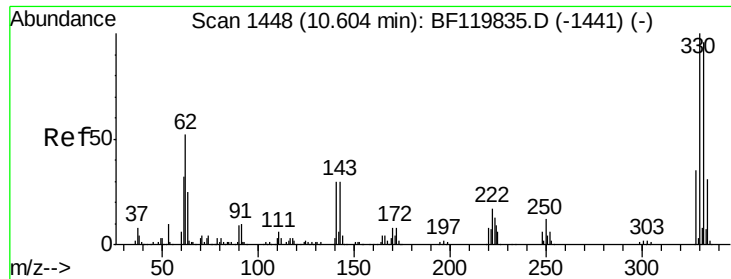
Tot Ion:142 Resp: 270777
 Ion Ratio Lower Upper
 142 100
 141 94.0 72.9 109.3
 116 6.8 3.0 4.6#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. 0.01 min
 Lab File: BF120068.D
 Acq: 17 Apr 2020 19:21

Tgt Ion:164 Resp: 240676
 Ion Ratio Lower Upper
 164 100
 162 102.1 81.9 122.9
 160 46.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 53.994 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.01 min

Lab File: BF120068.D

Acq: 17 Apr 2020 19:21

Instrument :

BNA_F

ClientSampleId :

TP-7-15

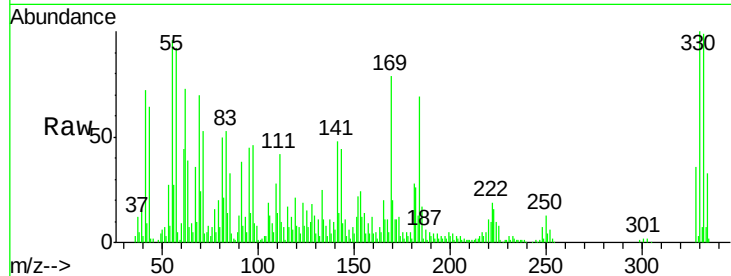
Tot Ion:330 Resp: 159105

Ion Ratio Lower Upper

330 100

332 96.0 76.8 115.2

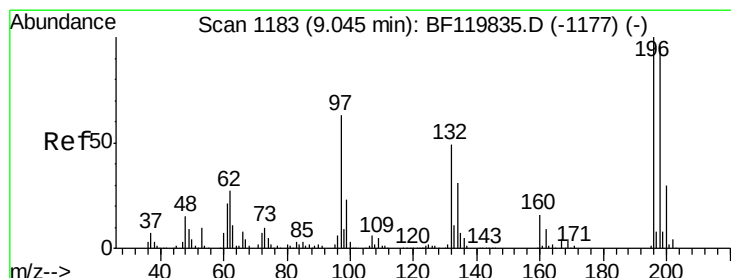
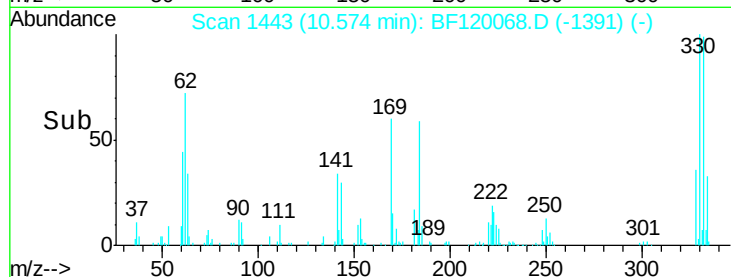
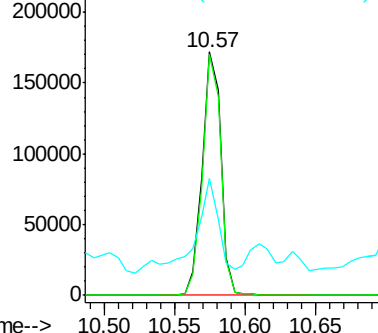
141 49.7 25.1 37.7#



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



#43

2,4,6-Trichlorophenol

Concen: 2.203 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.01 min

Lab File: BF120068.D

Acq: 17 Apr 2020 19:21

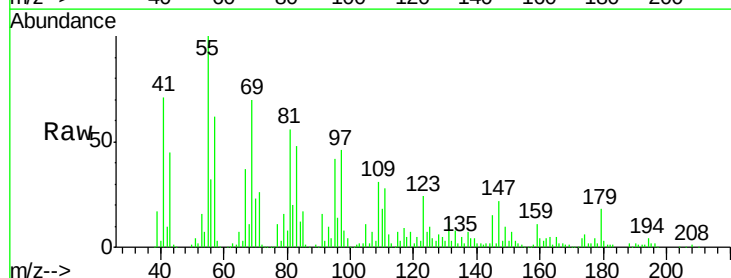
Tgt Ion:196 Resp: 11564

Ion Ratio Lower Upper

196 100

198 0.0 76.6 115.0#

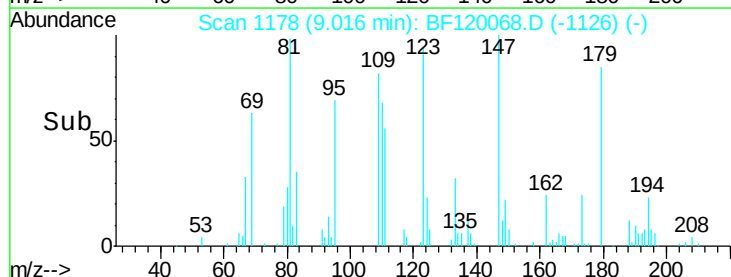
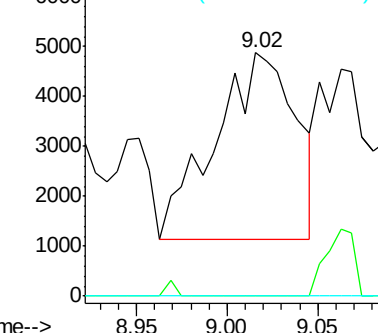
200 0.0 24.2 36.2#

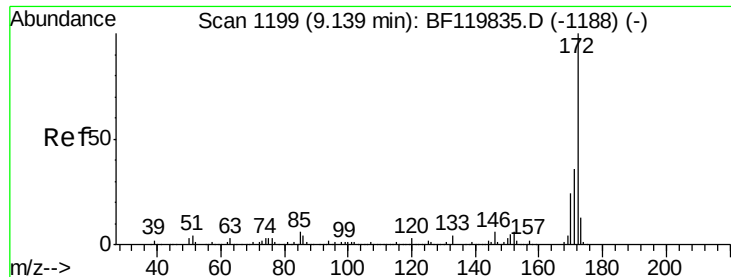


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

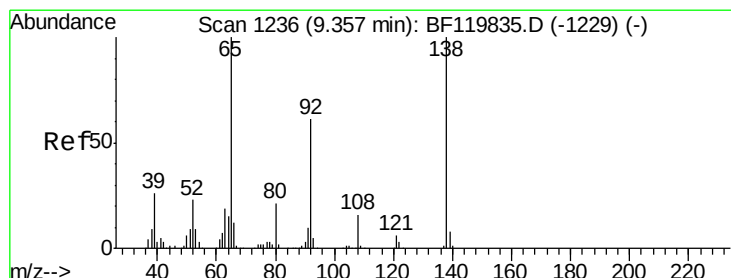
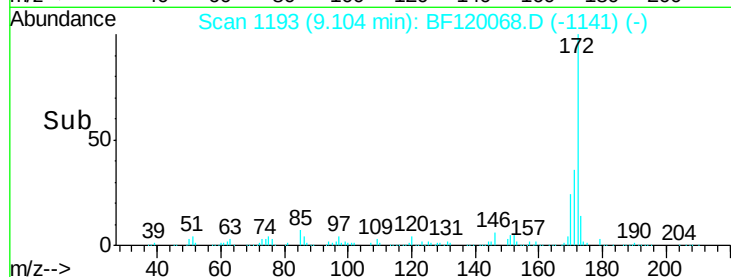
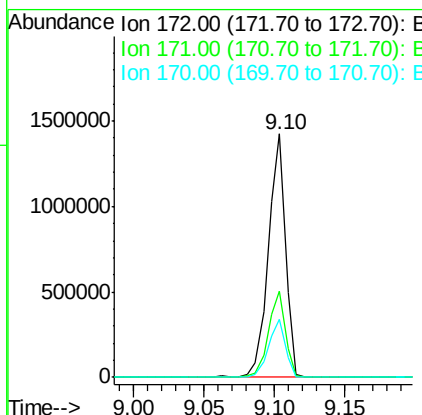
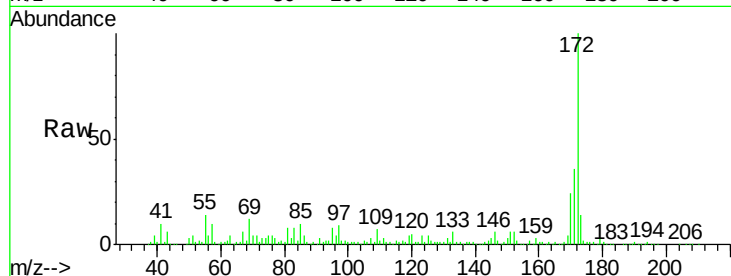




#45
 2-Fluorobiphenyl
 Concen: 72.519 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: BF120068.D
 Acq: 17 Apr 2020 19:21

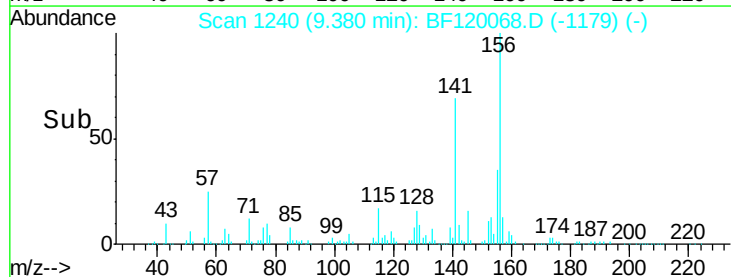
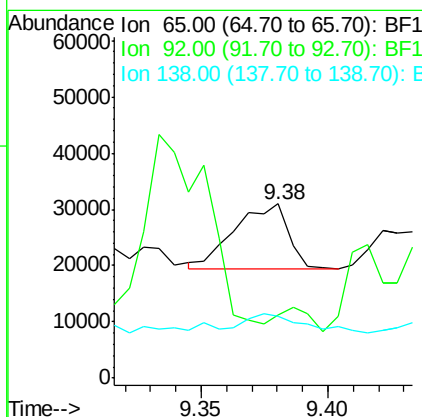
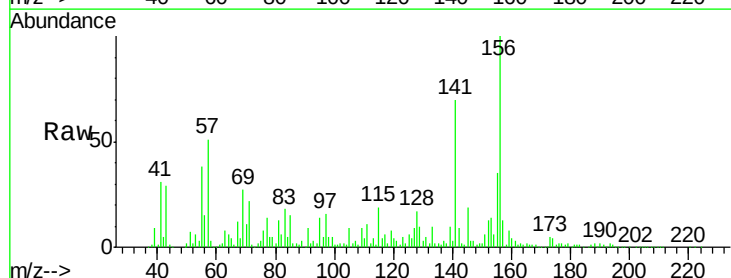
Instrument :
 BNA_F
 ClientSampleId :
 TP-7-15

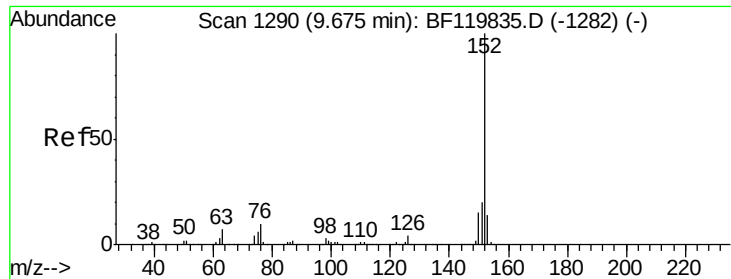
Tot Ion:172 Resp: 1229316
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.9 43.3
 170 23.6 19.4 29.2



#48
 2-Nitroaniline
 Concen: 3.019 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.06 min
 Lab File: BF120068.D
 Acq: 17 Apr 2020 19:21

Tgt Ion: 65 Resp: 17123
 Ion Ratio Lower Upper
 65 100
 92 36.4 49.0 73.6#
 138 35.3 79.7 119.5#





#49

Acenaphthylene

Concen: 2.669 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF120068.D

Acq: 17 Apr 2020 19:21

Instrument :

BNA_F

ClientSampleId :

TP-7-15

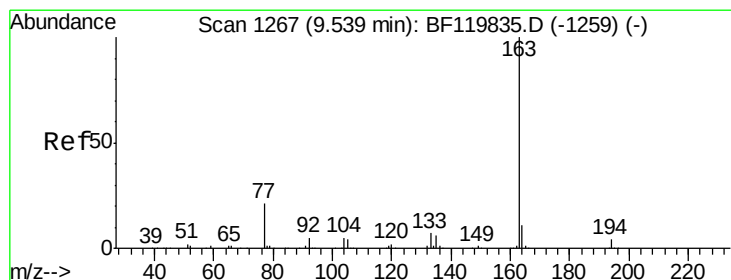
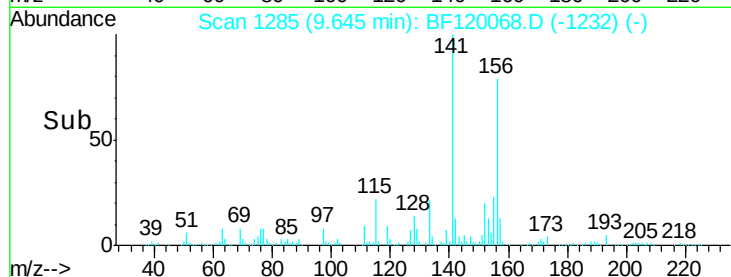
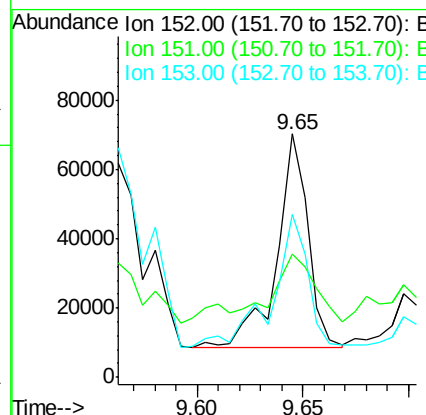
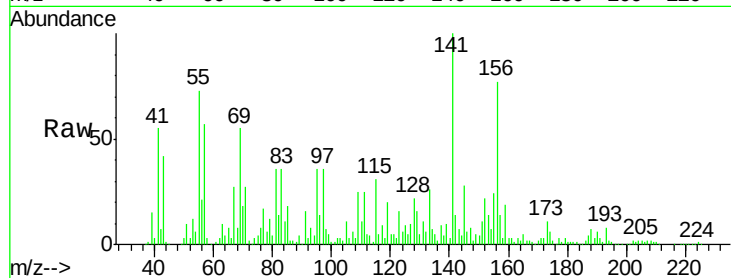
Tot Ion:152 Resp: 63529

Ion Ratio Lower Upper

152 100

151 50.6 16.2 24.4#

153 67.1 10.9 16.3#



#50

Dimethylphthalate

Concen: 4.920 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF120068.D

Acq: 17 Apr 2020 19:21

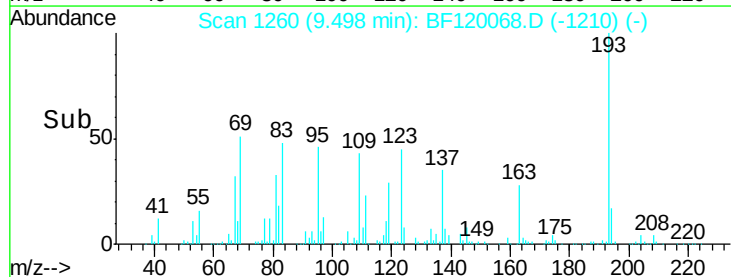
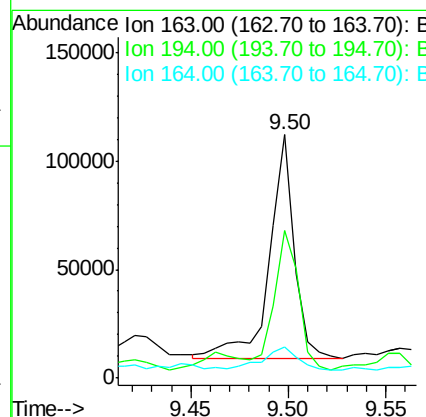
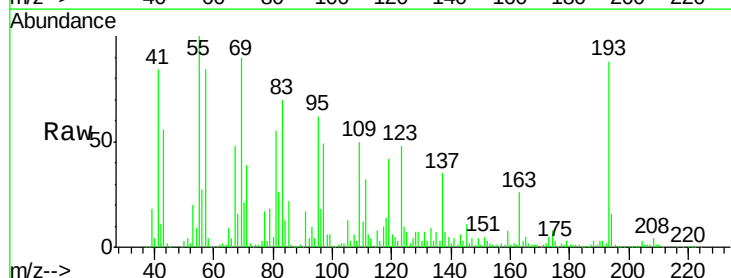
Tgt Ion:163 Resp: 91591

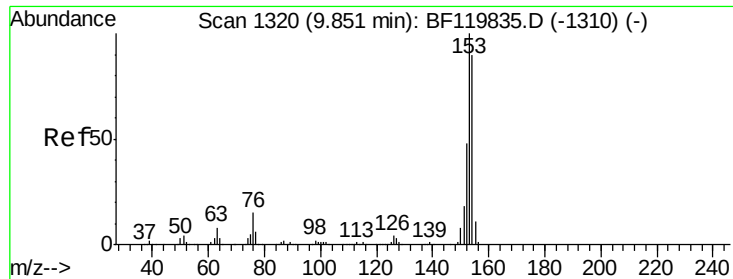
Ion Ratio Lower Upper

163 100

194 60.8 3.0 4.4#

164 12.6 8.4 12.6#





#52

Acenaphthene

Concen: 4.605 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF120068.D

Acq: 17 Apr 2020 19:21

Instrument :

BNA_F

ClientSampleId :

TP-7-15

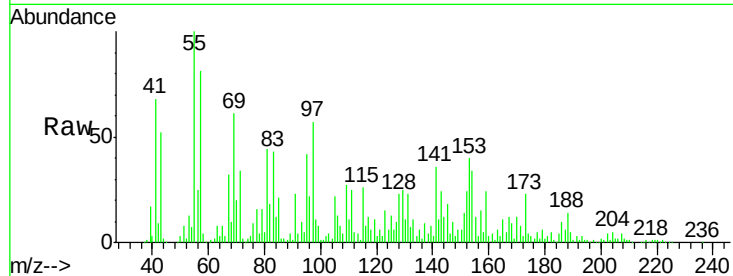
Tot Ion:154 Resp: 73103

Ion Ratio Lower Upper

154 100

153 117.6 88.8 133.2

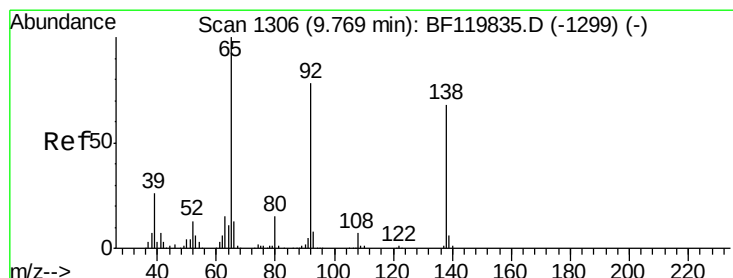
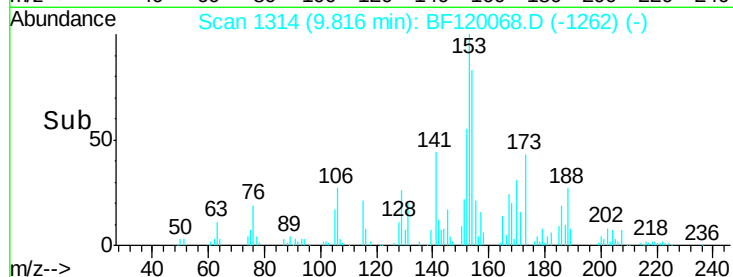
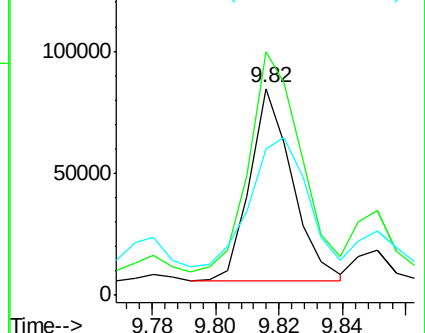
152 70.8 42.4 63.6#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 2.922 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BF120068.D

Acq: 17 Apr 2020 19:21

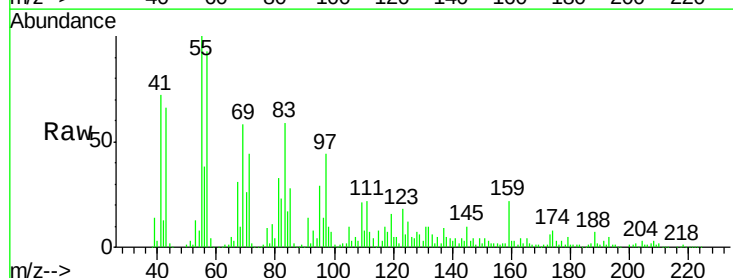
Tgt Ion:138 Resp: 13604

Ion Ratio Lower Upper

138 100

108 64.3 8.0 12.0#

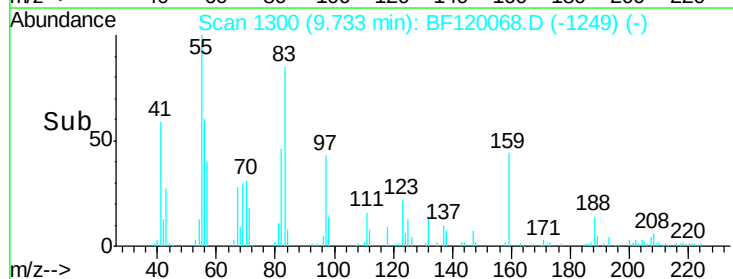
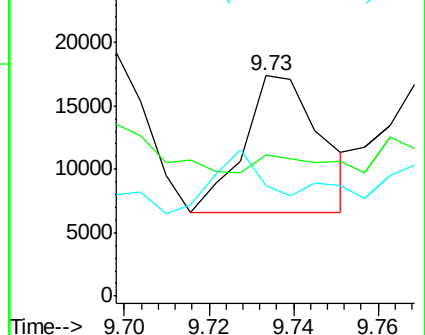
92 49.9 92.1 138.1#

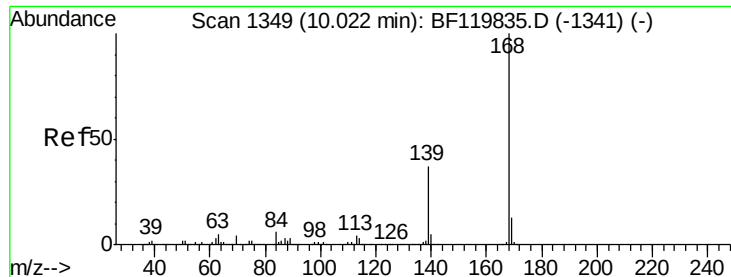


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#55

Dibenzofuran

Concen: 3.046 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.01 min

Lab File: BF120068.D

Acq: 17 Apr 2020 19:21

Instrument :

BNA_F

ClientSampled :

TP-7-15

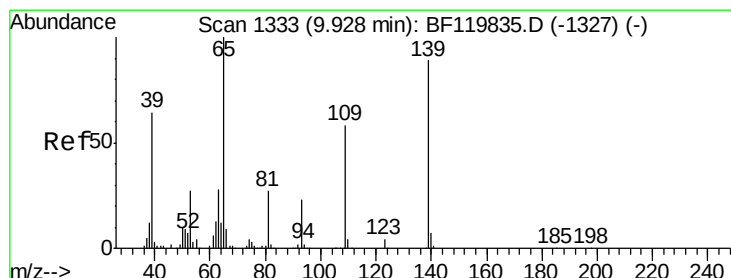
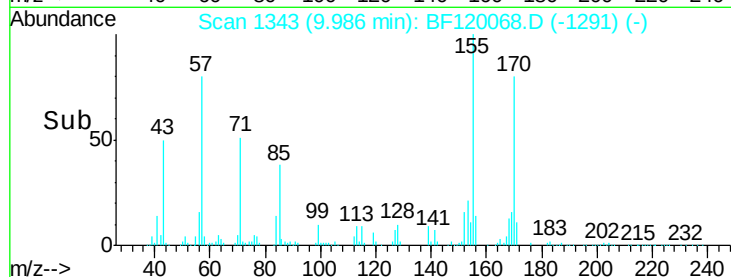
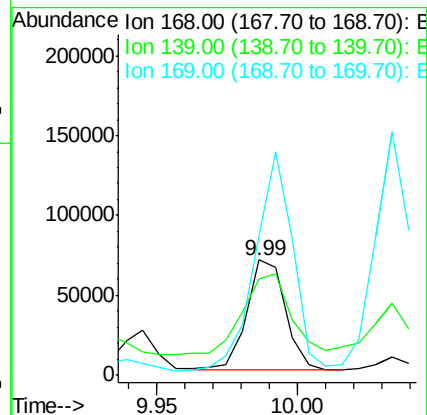
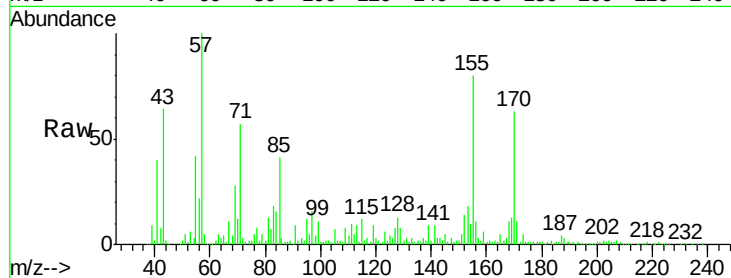
Tot Ion:168 Resp: 66357

Ion Ratio Lower Upper

168 100

139 83.2 29.8 44.6#

169 121.8 10.6 15.8#



#56

4-Nitrophenol

Concen: 15.840 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF120068.D

Acq: 17 Apr 2020 19:21

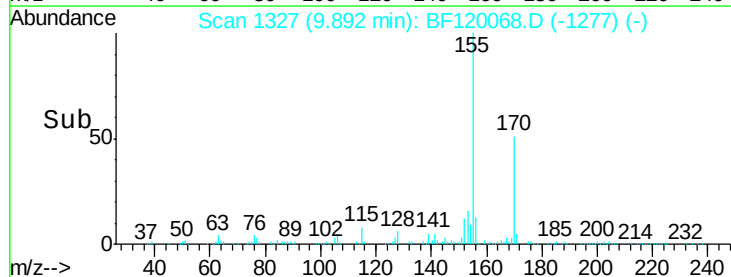
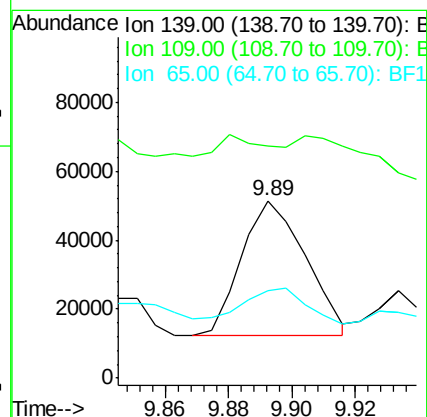
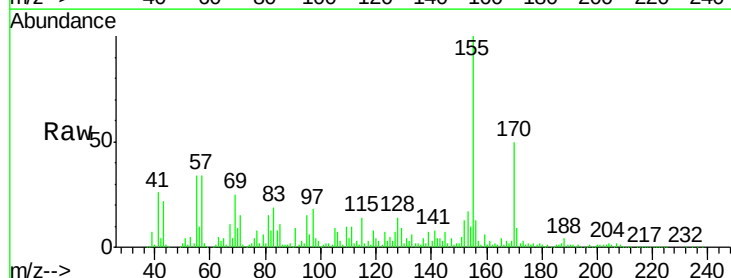
Tgt Ion:139 Resp: 54873

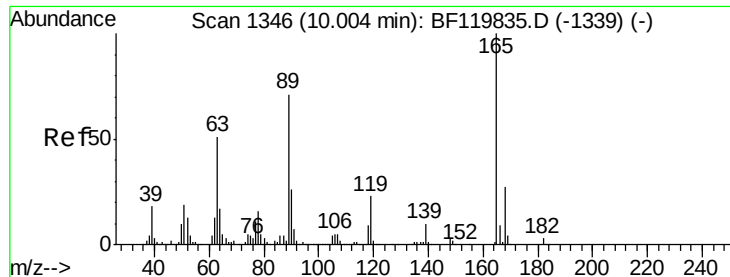
Ion Ratio Lower Upper

139 100

109 130.9 45.5 85.5#

65 49.1 92.3 132.3#





#57

2,4-Dinitrotoluene

Concen: 6.746 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.02 min

Lab File: BF120068.D

Acq: 17 Apr 2020 19:21

Instrument :

BNA_F

ClientSampleId :

TP-7-15

Tot Ion:165 Resp: 36231

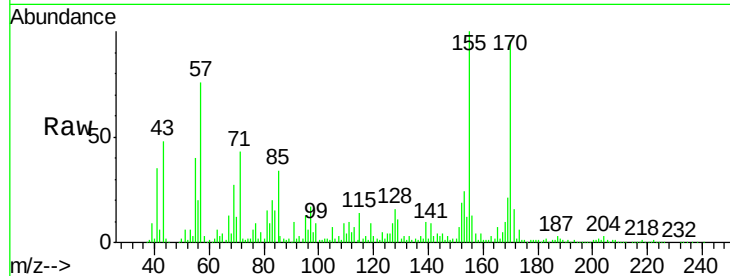
Ion Ratio Lower Upper

165 100

63 88.7 40.8 61.2#

89 35.5 56.9 85.3#

182 18.5 2.0 3.0#

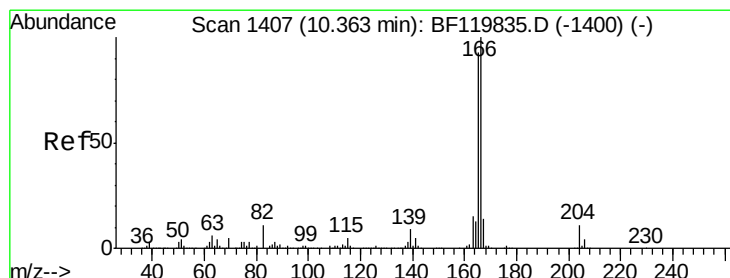
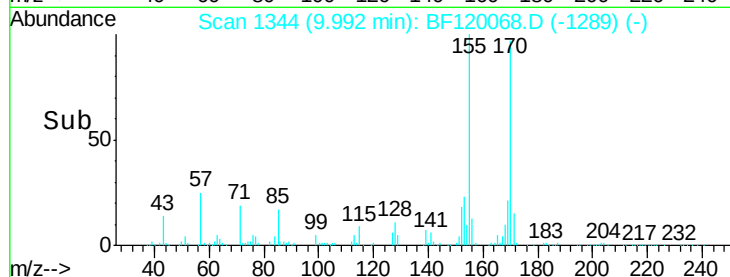
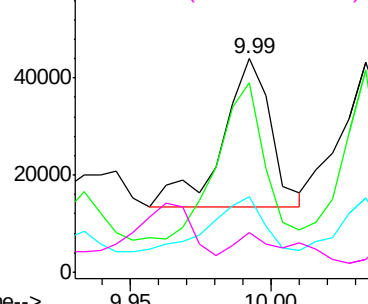


Abundance Ion 165.00 (164.70 to 165.70): E

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



#58

Fluorene

Concen: 8.039 ng

RT: 10.33 min Scan# 1402

Delta R.T. 0.01 min

Lab File: BF120068.D

Acq: 17 Apr 2020 19:21

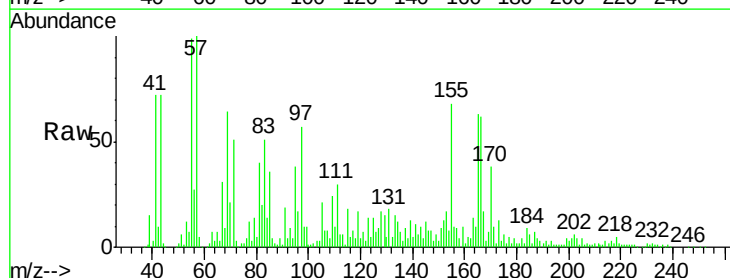
Tgt Ion:166 Resp: 140061

Ion Ratio Lower Upper

166 100

165 101.8 74.2 111.2

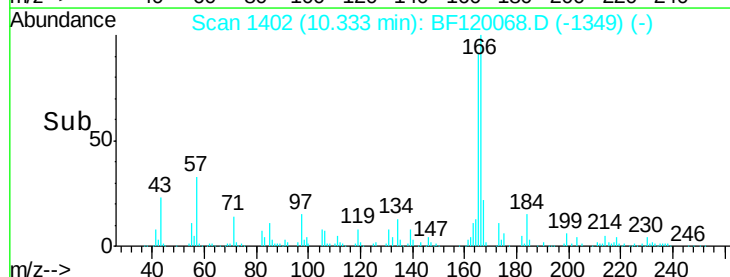
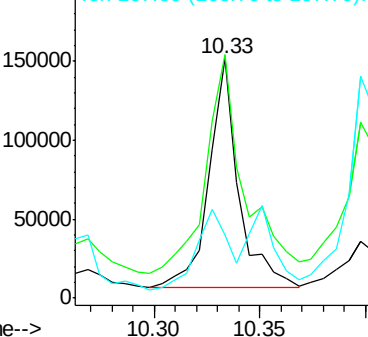
167 26.6 10.8 16.2#

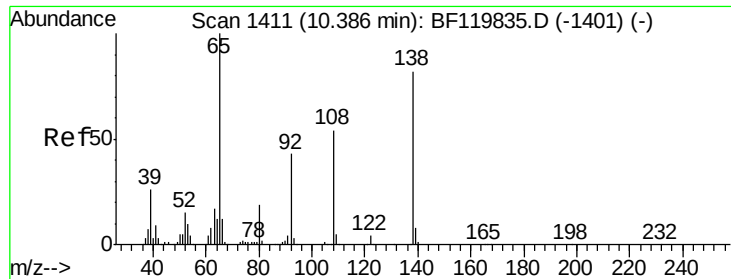


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#62

4-Nitroaniline

Concen: 2.321 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.11 min

Lab File: BF120068.D

Acq: 17 Apr 2020 19:21

Instrument :

BNA_F

ClientSampled :

TP-7-15

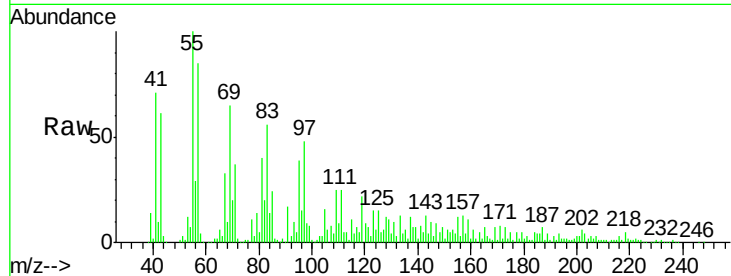
Tot Ion:138 Resp: 10300

Ion Ratio Lower Upper

138 100

92 47.3 31.6 71.6

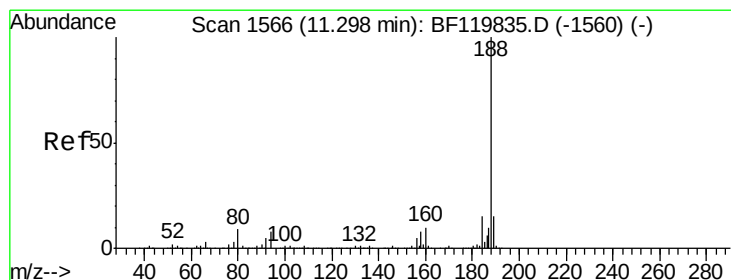
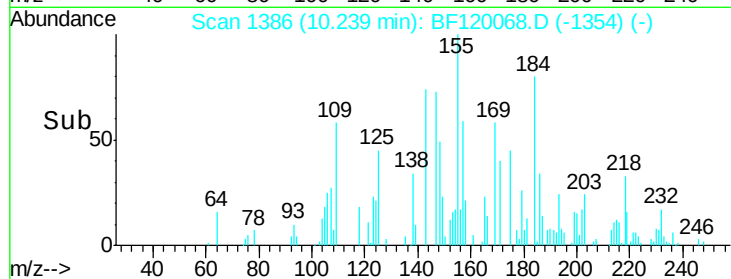
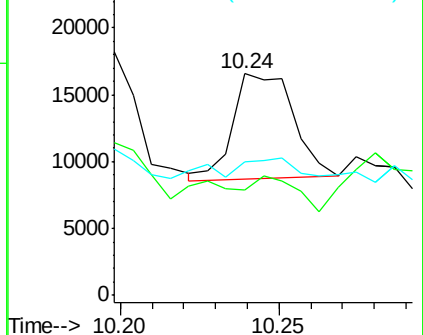
108 60.4 45.2 85.2



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.27 min Scan# 1561

Delta R.T. 0.01 min

Lab File: BF120068.D

Acq: 17 Apr 2020 19:21

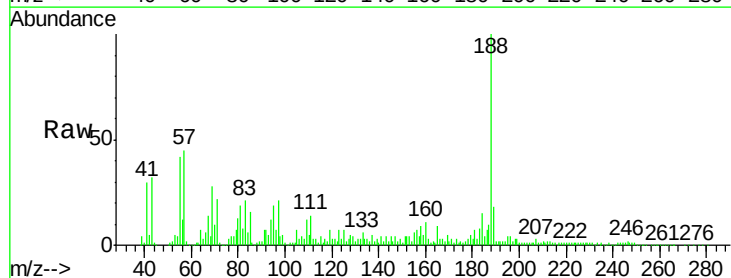
Tgt Ion:188 Resp: 373194

Ion Ratio Lower Upper

188 100

94 11.6 6.7 10.1#

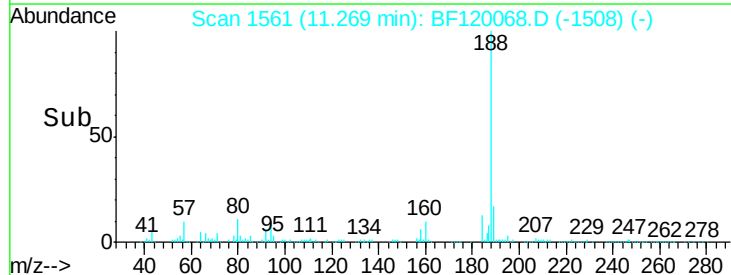
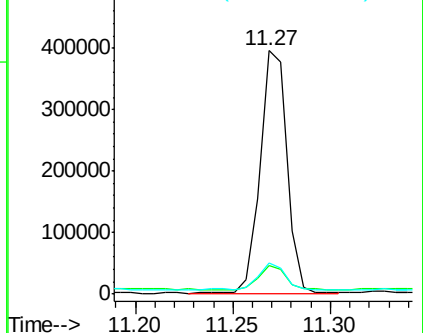
80 13.0 7.4 11.2#

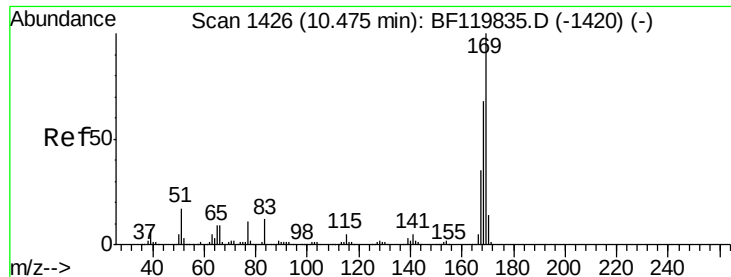


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

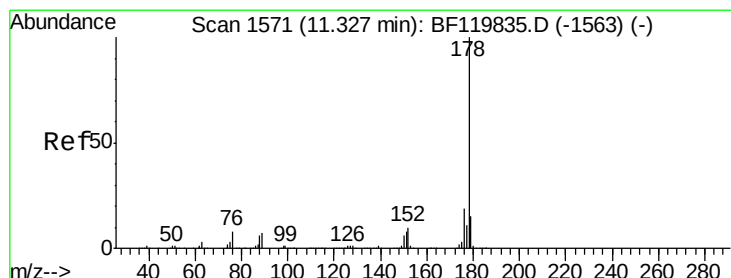
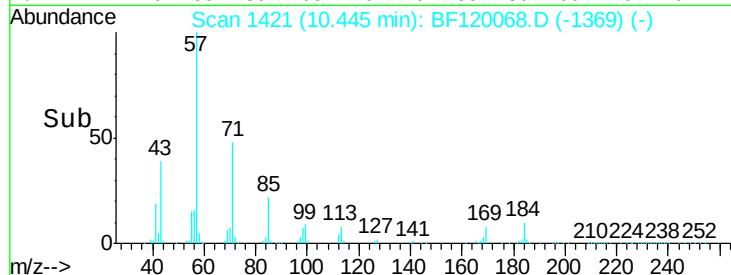
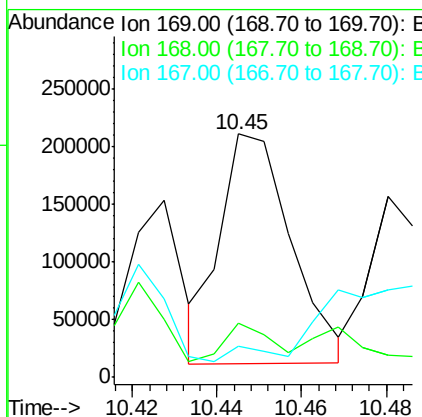
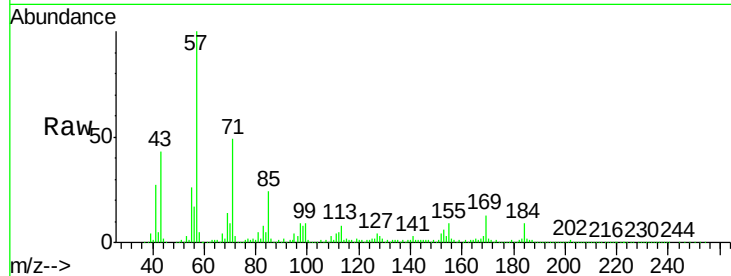




#66
 n-Nitrosodiphenylamine
 Concen: 18.868 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF120068.D
 Acq: 17 Apr 2020 19:21

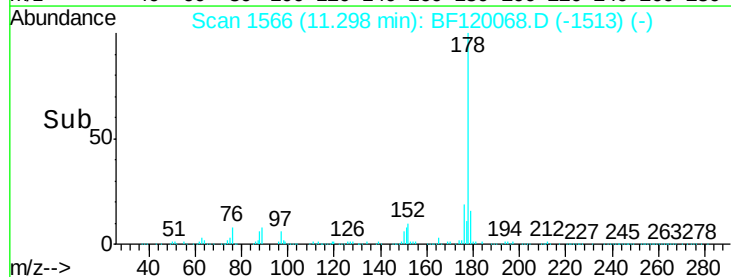
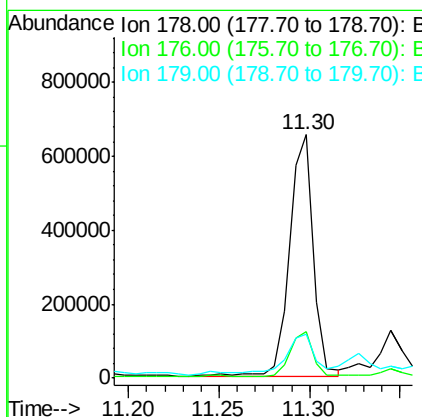
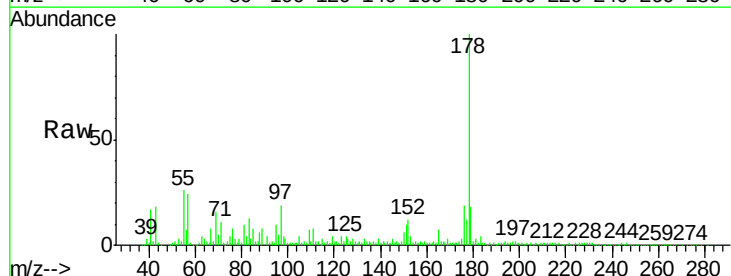
Instrument :
 BNA_F
 ClientSampleId :
 TP-7-15

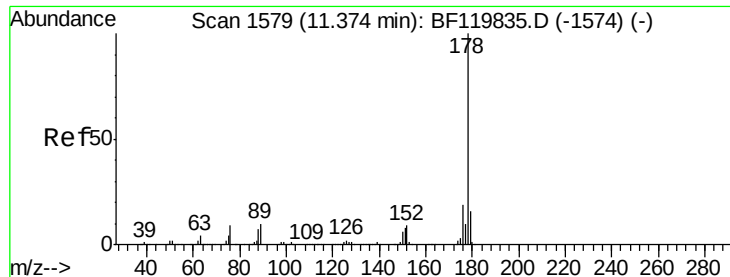
Tot Ion:169 Resp: 234173
 Ion Ratio Lower Upper
 169 100
 168 22.2 54.2 81.4#
 167 13.0 28.3 42.5#



#71
 Phenanthrene
 Concen: 30.033 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.01 min
 Lab File: BF120068.D
 Acq: 17 Apr 2020 19:21

Tgt Ion:178 Resp: 596513
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.1 22.7
 179 18.0 12.2 18.4





#72

Anthracene

Concen: 29.399 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.04 min

Lab File: BF120068.D

Acq: 17 Apr 2020 19:21

Instrument :

BNA_F

ClientSampleId :

TP-7-15

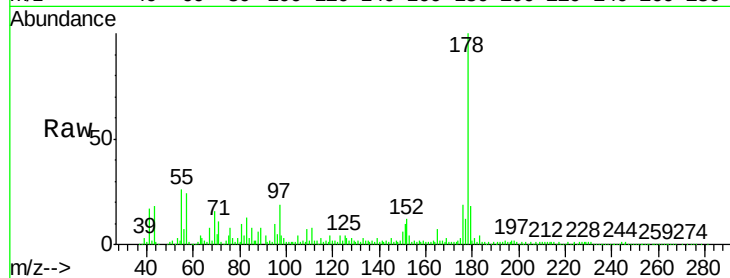
Tot Ion:178 Resp: 596513

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

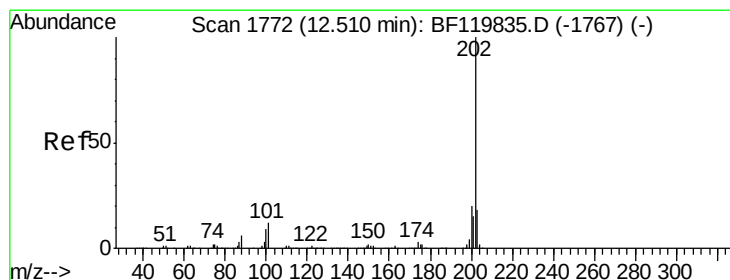
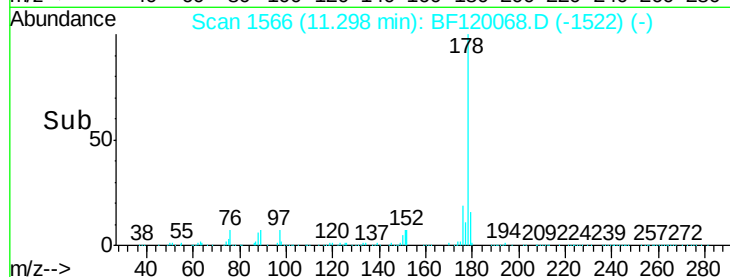
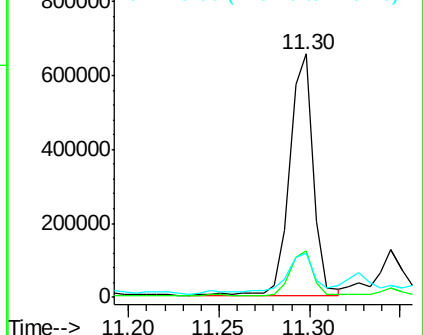
179 18.0 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 29.740 ng

RT: 12.49 min Scan# 1768

Delta R.T. 0.01 min

Lab File: BF120068.D

Acq: 17 Apr 2020 19:21

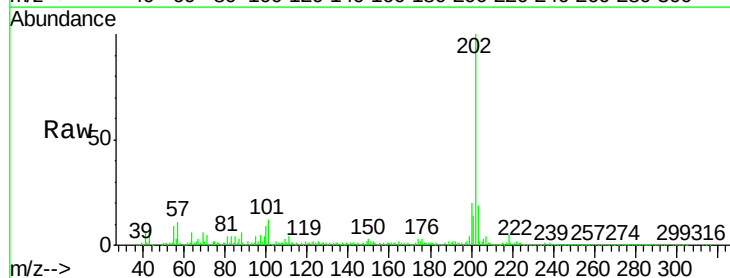
Tgt Ion:202 Resp: 637337

Ion Ratio Lower Upper

202 100

101 11.6 0.0 32.3

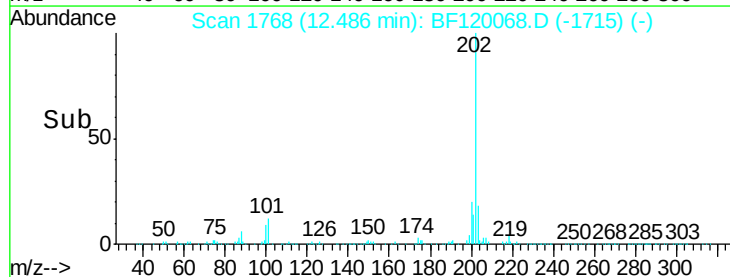
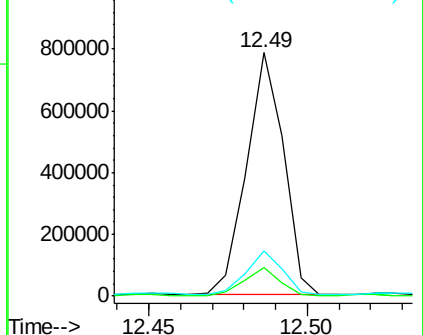
203 18.6 0.0 37.6

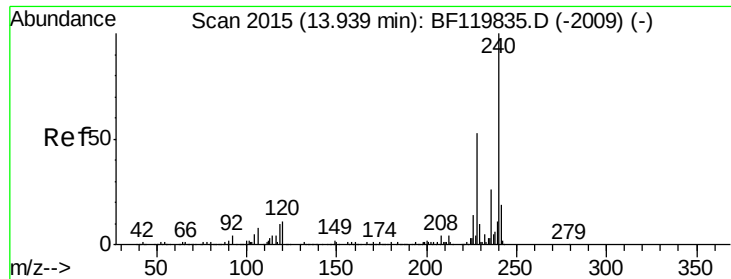


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

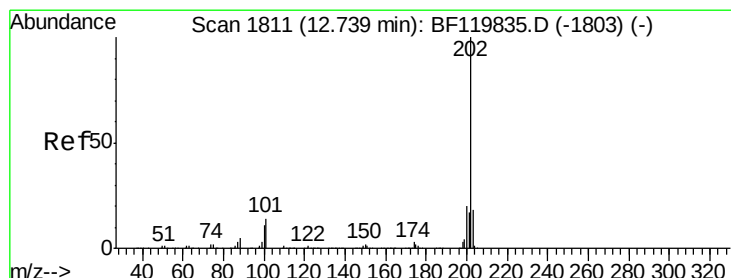
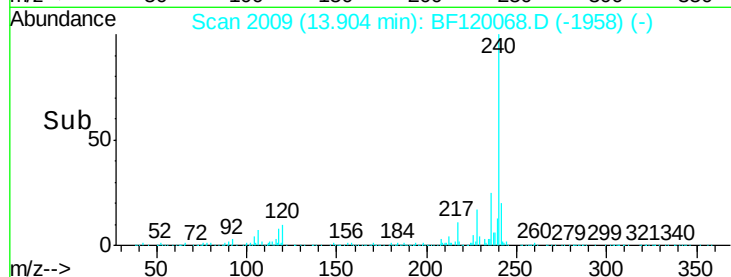
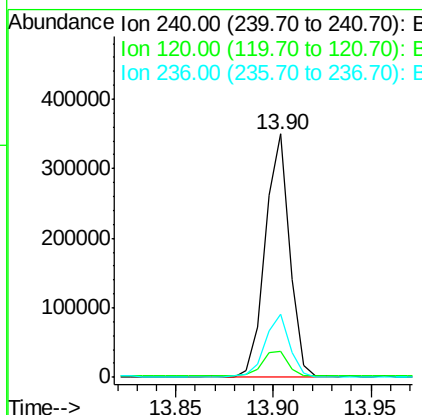
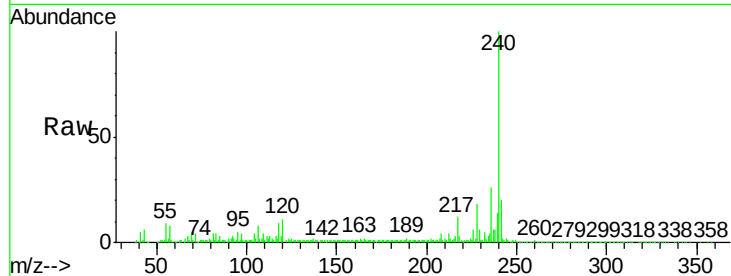




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BF120068.D
Acq: 17 Apr 2020 19:21

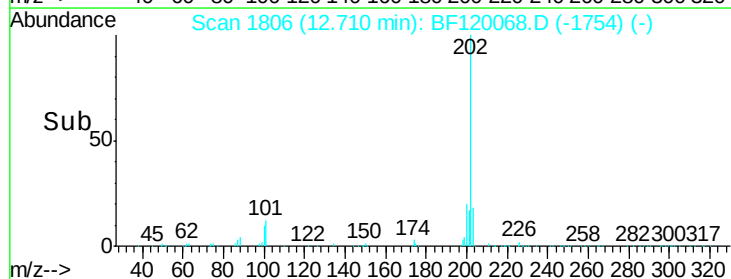
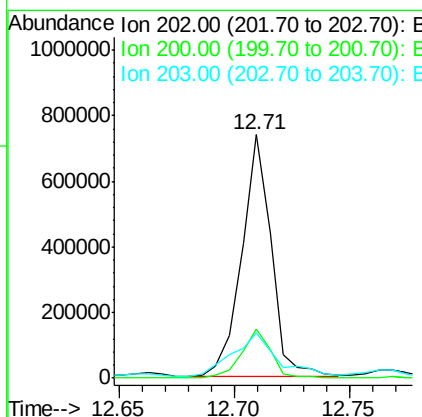
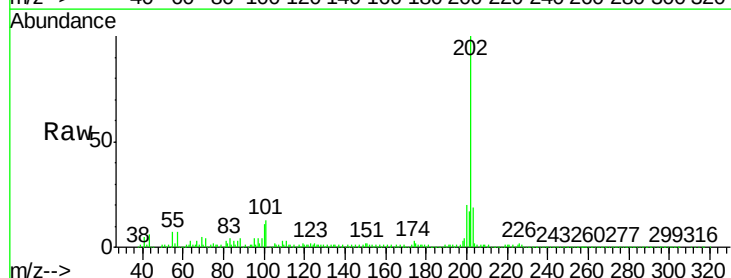
Instrument :
BNA_F
ClientSampleId :
TP-7-15

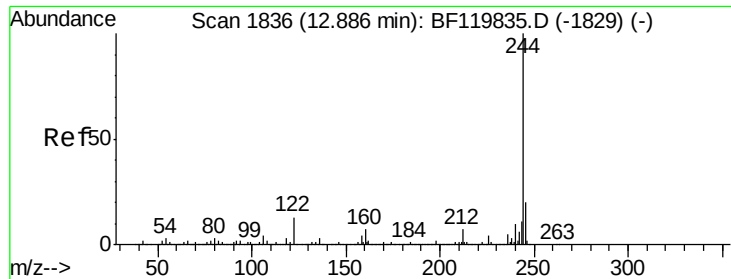
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.0	13.6
236	25.8	20.7	31.1



#78
Pyrene
Concen: 26.002 ng
RT: 12.71 min Scan# 1806
Delta R.T. 0.01 min
Lab File: BF120068.D
Acq: 17 Apr 2020 19:21

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.2	24.2
203	18.6	14.1	21.1





#79

Terphenyl-d14

Concen: 46.176 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF120068.D

Acq: 17 Apr 2020 19:21

Instrument :

BNA_F

ClientSampleId :

TP-7-15

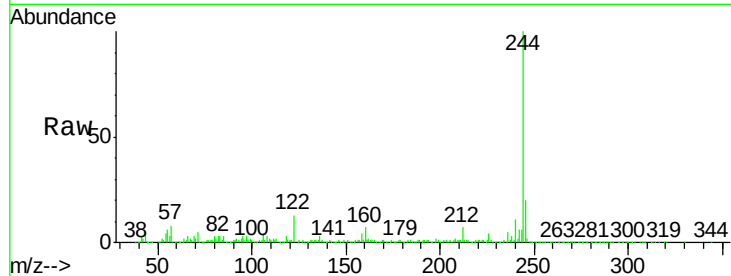
Tot Ion:244 Resp: 824407

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

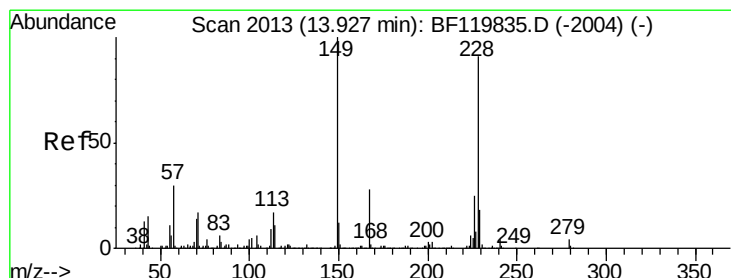
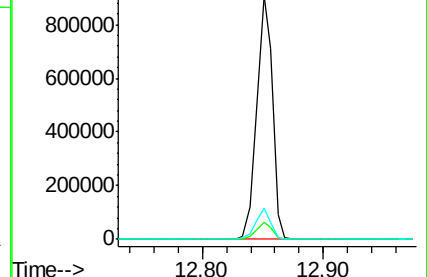
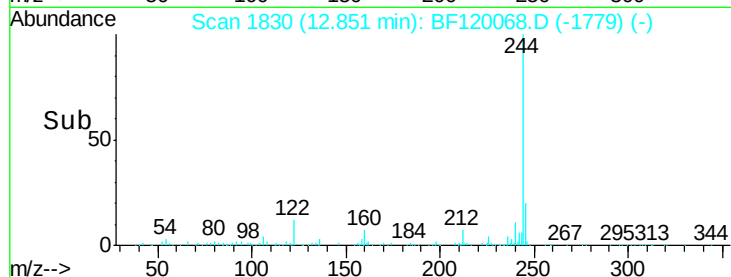
122 12.7 10.3 15.5



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: 18.336 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BF120068.D

Acq: 17 Apr 2020 19:21

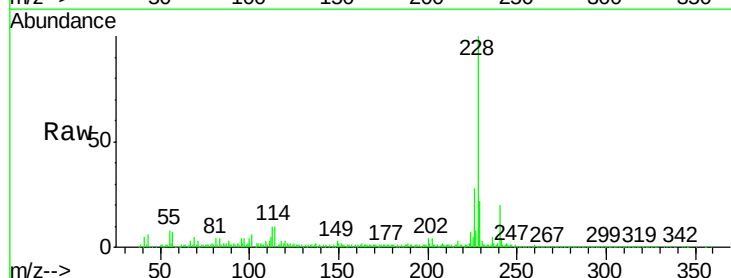
Tgt Ion:228 Resp: 362388

Ion Ratio Lower Upper

228 100

226 28.4 21.9 32.9

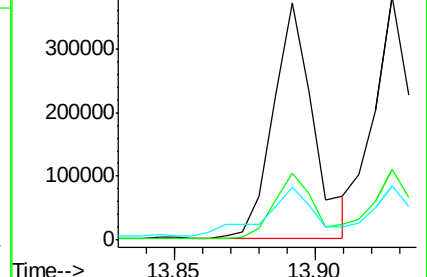
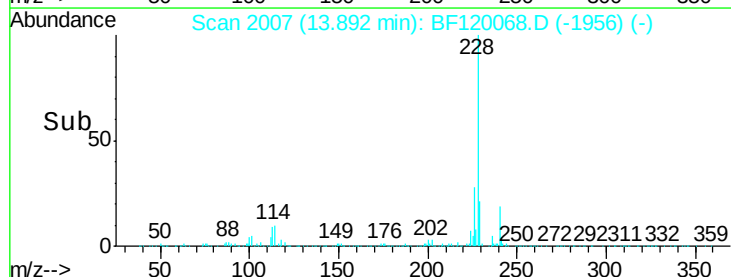
229 22.3 15.9 23.9

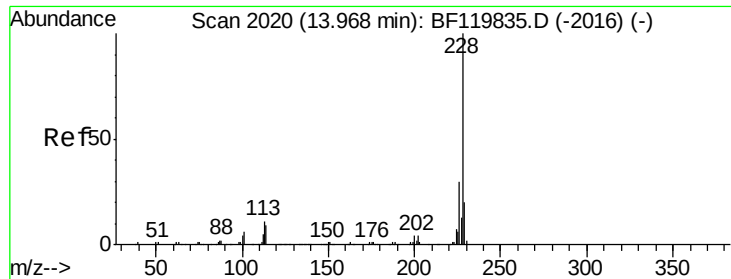


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

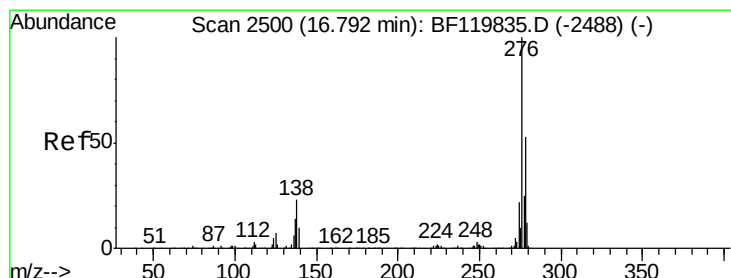
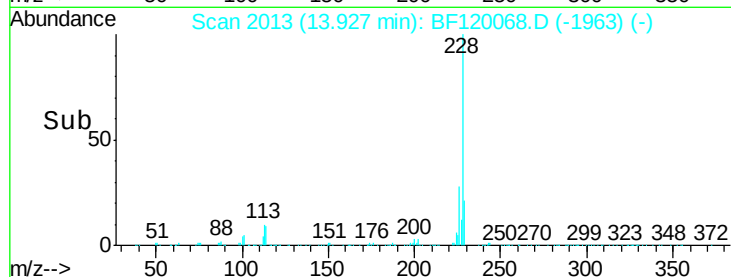
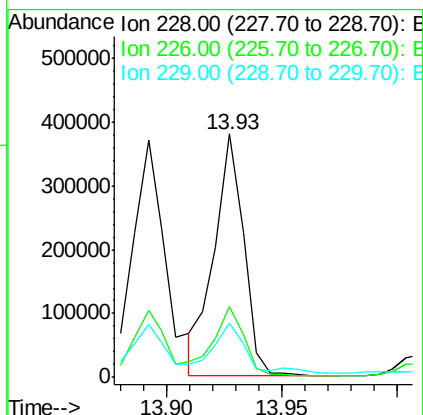
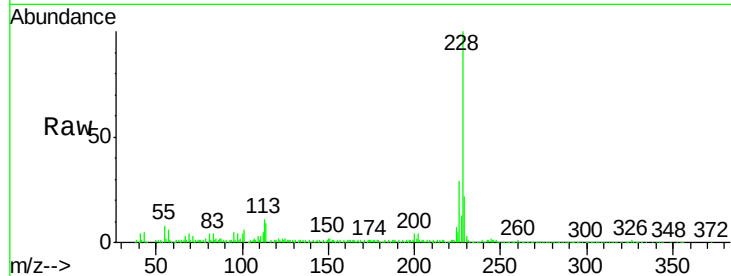




#83
Chrysene
Concen: 16.678 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF120068.D
Acq: 17 Apr 2020 19:21

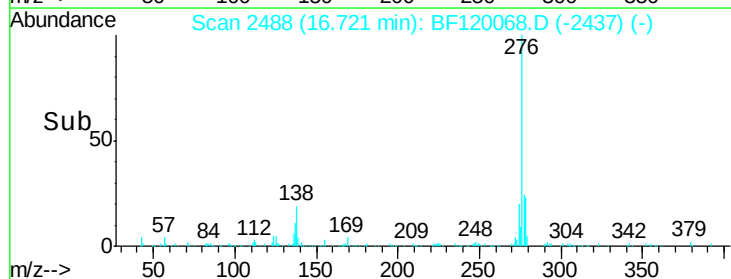
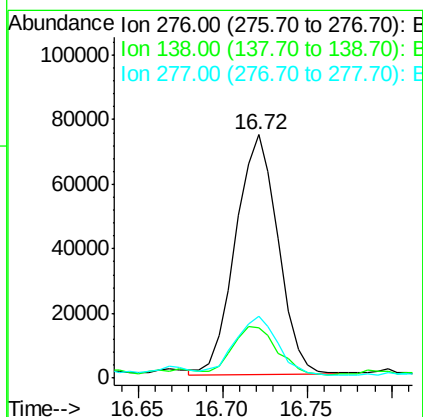
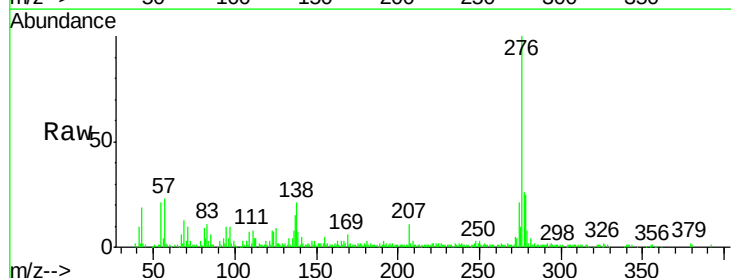
Instrument :
BNA_F
ClientSampleId :
TP-7-15

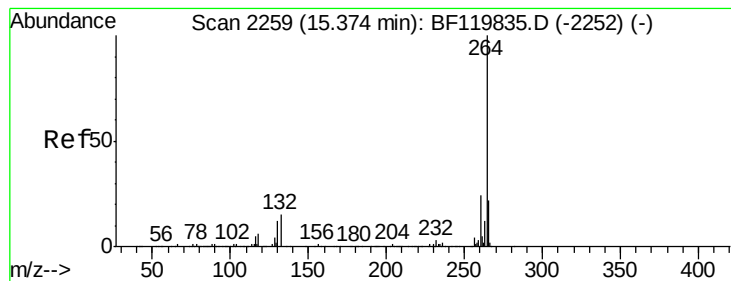
Tot Ion:228 Resp: 334907
Ion Ratio Lower Upper
228 100
226 29.0 24.2 36.2
229 22.5 15.9 23.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 7.339 ng
RT: 16.72 min Scan# 2488
Delta R.T. -0.00 min
Lab File: BF120068.D
Acq: 17 Apr 2020 19:21

Tgt Ion:276 Resp: 129919
Ion Ratio Lower Upper
276 100
138 21.5 18.0 27.0
277 25.1 20.1 30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2252

Delta R.T. 0.01 min

Lab File: BF120068.D

Acq: 17 Apr 2020 19:21

Instrument :

BNA_F

ClientSampleId :

TP-7-15

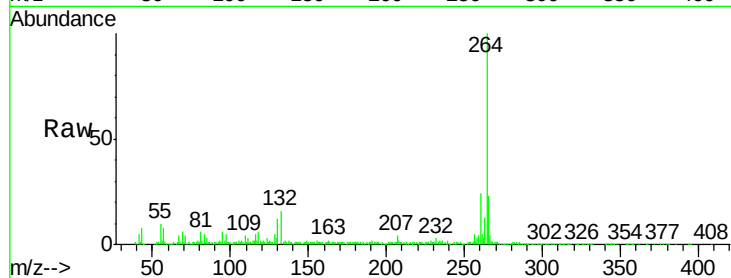
Tot Ion:264 Resp: 251475

Ion Ratio Lower Upper

264 100

260 24.3 19.3 28.9

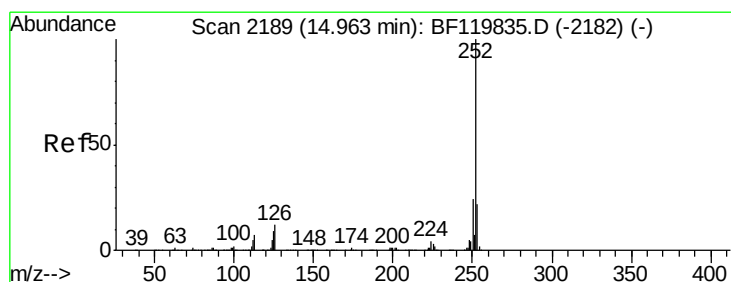
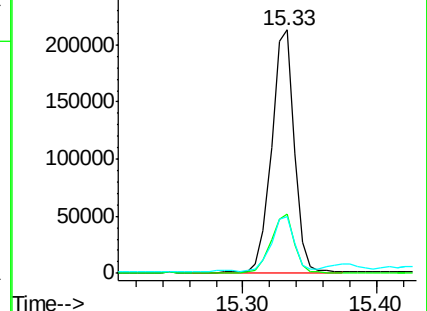
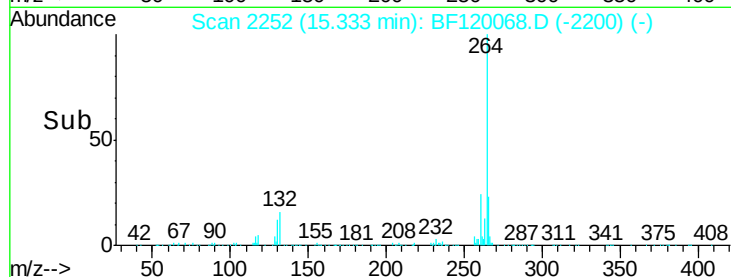
265 23.5 17.6 26.4



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: 24.972 ng

RT: 14.92 min Scan# 2182

Delta R.T. -0.00 min

Lab File: BF120068.D

Acq: 17 Apr 2020 19:21

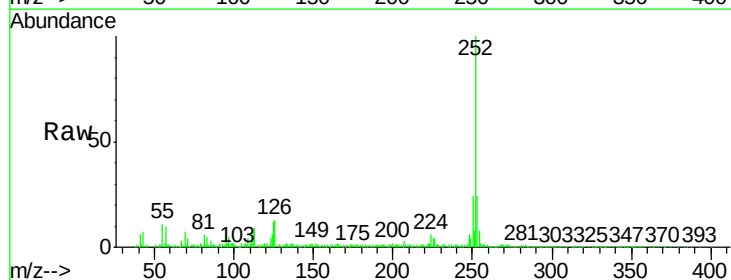
Tgt Ion:252 Resp: 451765

Ion Ratio Lower Upper

252 100

253 23.6 17.7 26.5

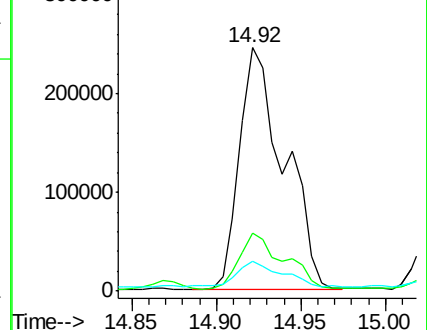
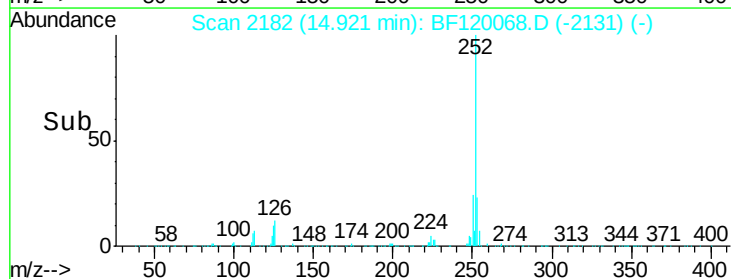
125 12.2 7.4 11.2#

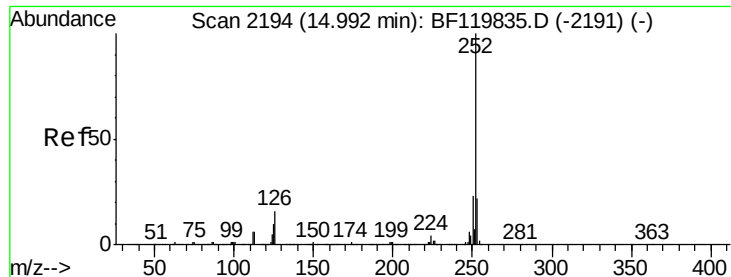


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

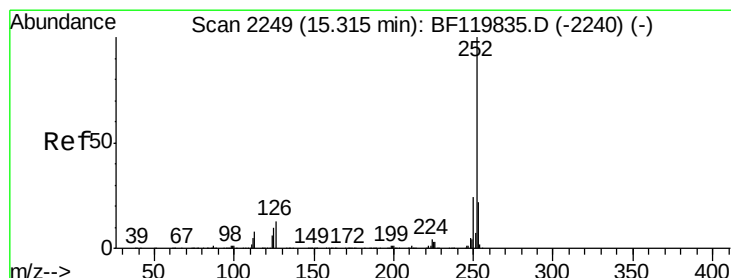
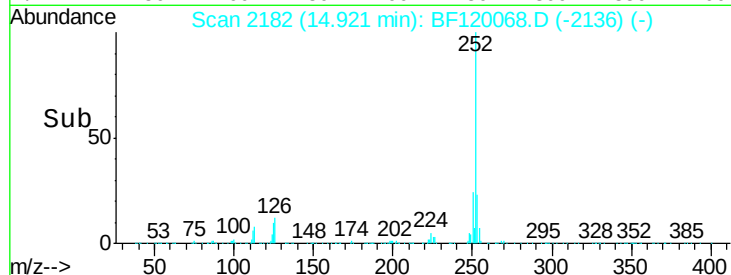
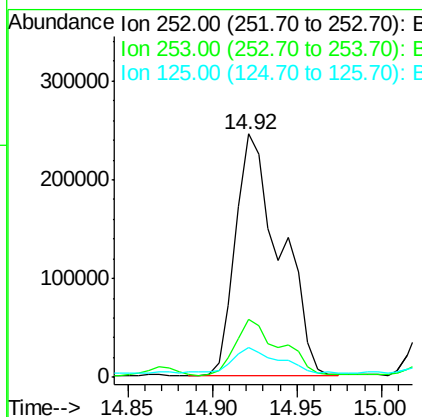
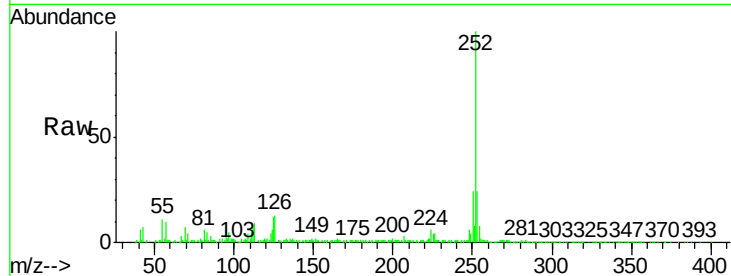




#89
Benzo(k)fluoranthene
Concen: 28.943 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.03 min
Lab File: BF120068.D
Acq: 17 Apr 2020 19:21

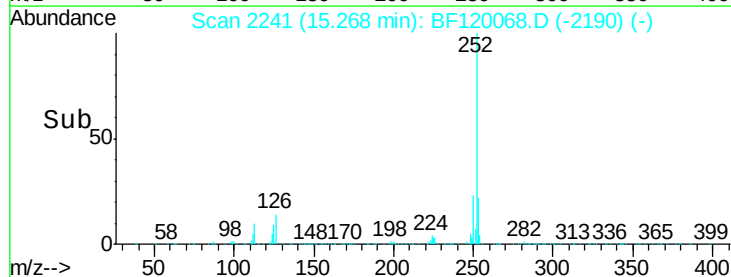
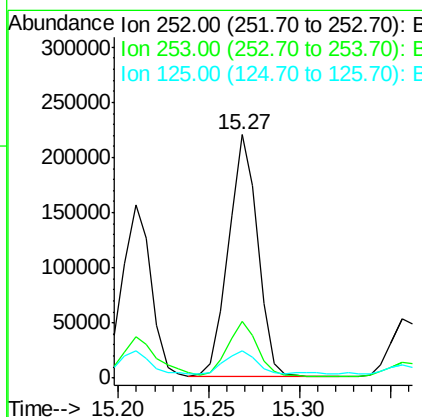
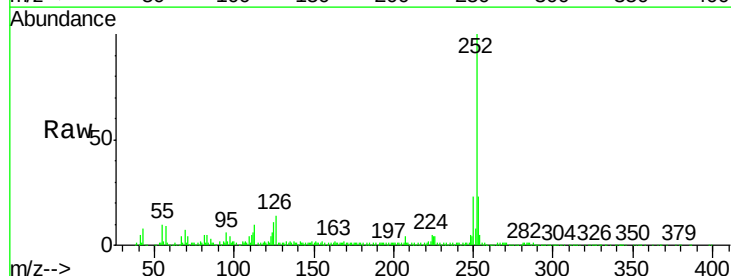
Instrument :
BNA_F
ClientSampleId :
TP-7-15

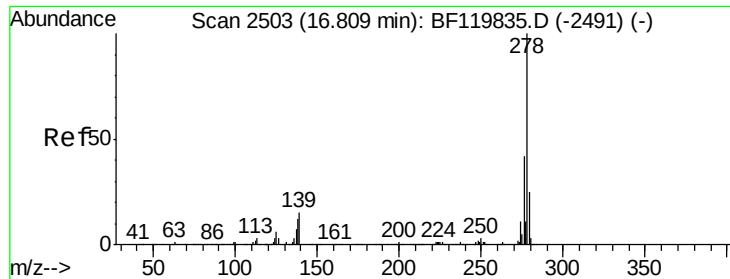
Tot Ion:252 Resp: 451765
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.8
125 12.2 7.7 11.5#



#90
Benzo(a)pyrene
Concen: 16.103 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BF120068.D
Acq: 17 Apr 2020 19:21

Tgt Ion:252 Resp: 244928
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 11.4 8.3 12.5

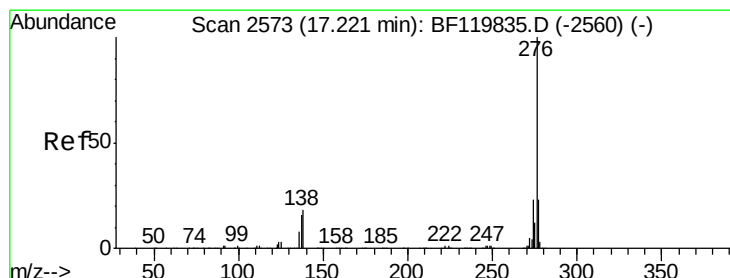
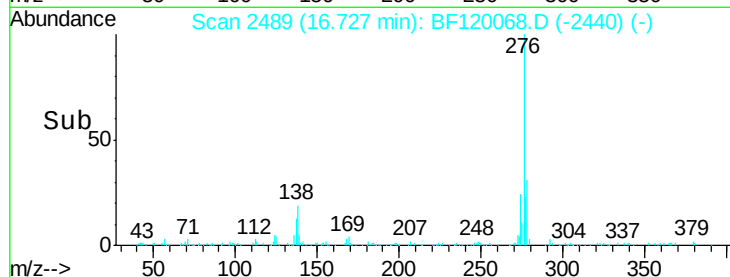
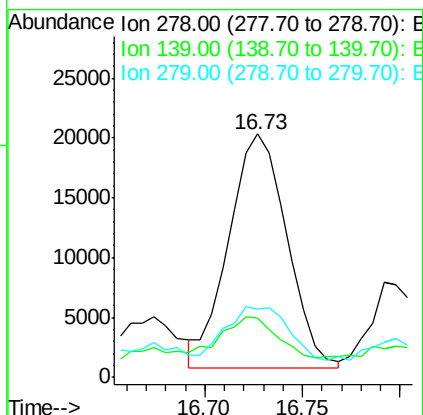
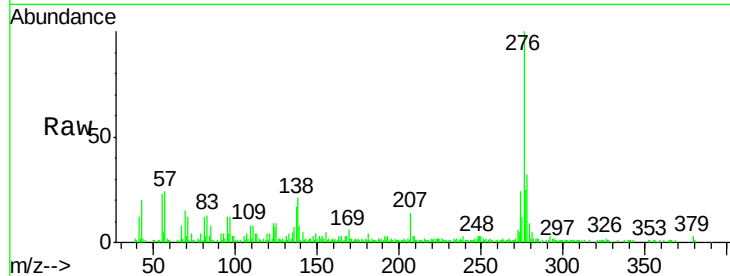




#91
Dibenzo(a,h)anthracene
Concen: 2.988 ng
RT: 16.73 min Scan# 2489
Delta R.T. -0.01 min
Lab File: BF120068.D
Acq: 17 Apr 2020 19:21

Instrument :
BNA_F
ClientSampled :
TP-7-15

Tot Ion:278 Resp: 40260
Ion Ratio Lower Upper
278 100
139 24.2 11.6 17.4#
279 28.1 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 10.785 ng
RT: 17.14 min Scan# 2559
Delta R.T. -0.01 min
Lab File: BF120068.D
Acq: 17 Apr 2020 19:21

Tgt Ion:276 Resp: 143434
Ion Ratio Lower Upper
276 100
277 25.6 18.5 27.7
138 22.0 14.6 22.0#

