

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040320\
 Data File : BF119741.D
 Acq On : 4 Apr 2020 3:32
 Operator : MA/SJ
 Sample : L2129-36
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: Apr 04 04:48:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	191782	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	719200	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	338202	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	429762	20.00	ng	0.00
76) Chrysene-d12	14.02	240	221511	20.00	ng	0.02
87) Perylene-d12	15.48	264	349828	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1747200	145.03	ng	0.00
7) Phenol-d6	6.44	99	2234667	145.21	ng	0.00
23) Nitrobenzene-d5	7.37	82	1423161	107.54	ng	-0.01
42) 2,4,6-Tribromophenol	10.65	330	472381	135.39	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2376151	104.09	ng	-0.01
79) Terphenyl-d14	12.94	244	1838676	162.63	ng	0.00

Target Compounds

						Qvalue
10) Phenol	6.45	94	33962	2.07	ng	# 68
15) Benzyl Alcohol	6.96	79	24887	2.15	ng	# 48
19) n-Nitroso-di-n-propylamine	7.37	70	185450	19.99	ng	# 76
20) 3+4-Methylphenols	7.21	107	40918	2.88	ng	87
25) Isophorone	7.37	82	1421205	52.94	ng	# 65
31) Naphthalene	8.11	128	1254429	33.89	ng	99
33) 4-Chloroaniline	8.11	127	169237	9.98	ng	# 31
37) 2-Methylnaphthalene	8.80	142	800066	32.94	ng	99
38) 1-Methylnaphthalene	8.90	142	546302	23.76	ng	99
46) 1,1'-Biphenyl	9.27	154	243152	8.83	ng	96
49) Acenaphthylene	9.70	152	162326	4.79	ng	# 91
50) Dimethylphthalate	9.56	163	345616	14.39	ng	100
52) Acenaphthene	9.89	154	1892750	89.61	ng	98
54) 2,4-Dinitrophenol	10.00	184	483	7.47	ng	# 1
55) Dibenzofuran	10.06	168	2700079	89.16	ng	98
56) 4-Nitrophenol	10.06	139	1030503	200.95	ng	# 5
58) Fluorene	10.40	166	2580455	115.22	ng	100
66) n-Nitrosodiphenylamine	10.53	169	79488	5.63	ng	# 1
67) 4-Bromophenyl-phenylether	10.65	248	27728	5.67	ng	# 1
71) Phenanthrene	11.41	178	17050623	765.14	ng	92
72) Anthracene	11.45	178	5099462	225.16	ng	95
73) Carbazole	11.59	167	3764172	167.91	ng	98
74) Di-n-butylphthalate	11.91	149	181315	7.56	ng	# 96
75) Fluoranthene	12.60	202	14490350	600.84	ng	93
78) Pyrene	12.60	202	14490350	797.08	ng	93
81) Benzo(a)anthracene	14.01	228	8881638	616.59	ng	# 91
83) Chrysene	14.06	228	6292905	423.31	ng	# 90
84) Bis(2-ethylhexyl)phthalate	14.00	149	33698	3.84	ng	# 87
86) Indeno(1,2,3-cd)pyrene	16.96	276	3193855	228.12	ng	96
88) Benzo(b)fluoranthene	15.07	252	10789224	461.70	ng	# 92
89) Benzo(k)fluoranthene	15.07	252	10789224	484.88	ng	# 93
90) Benzo(a)pyrene	15.44	252	5993115	282.20	ng	95
91) Dibenzo(a,h)anthracene	17.10	278	983103	52.93	ng	97
92) Benzo(g,h,i)perylene	17.40	276	2722122	145.87	ng	95

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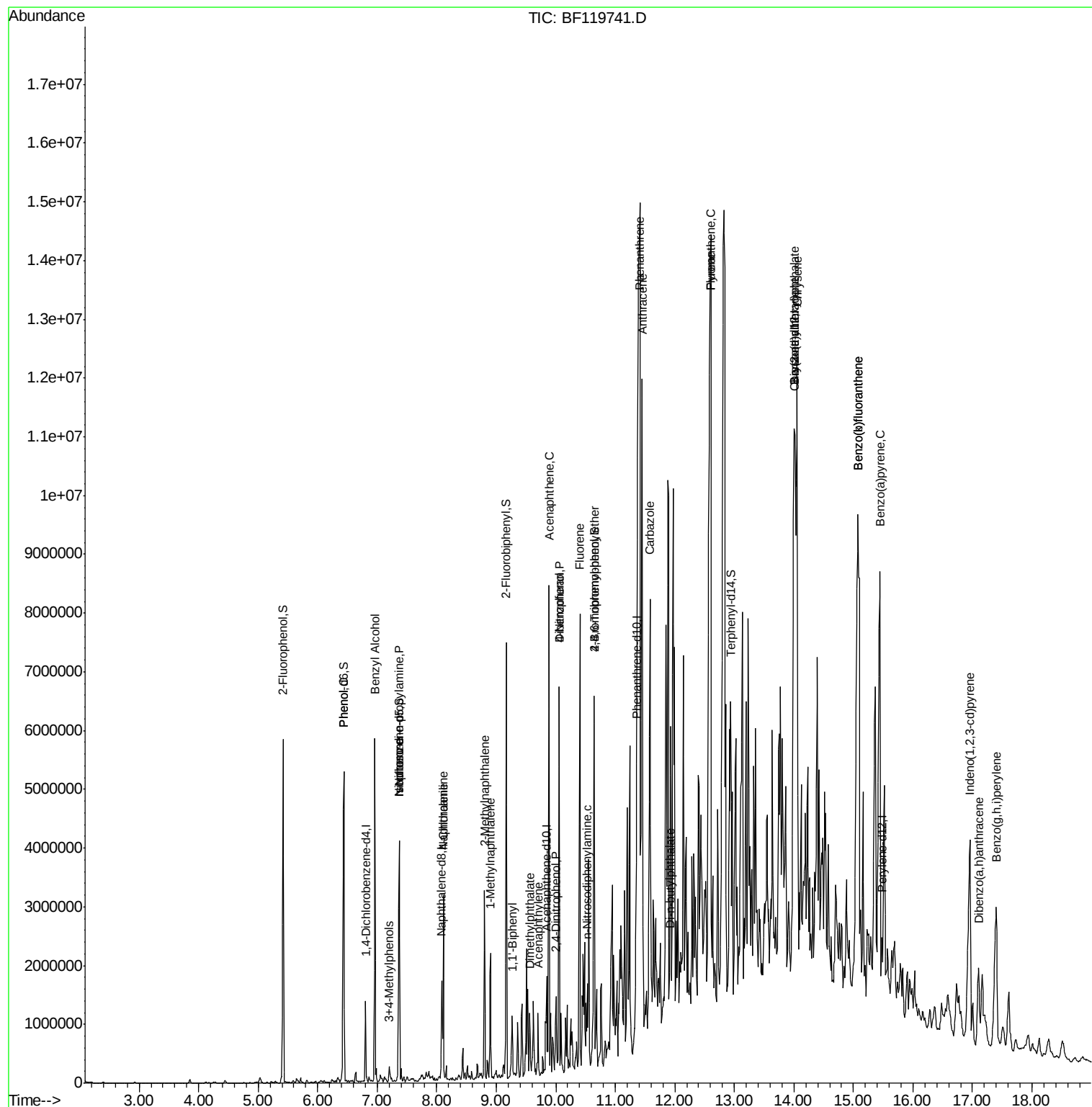
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

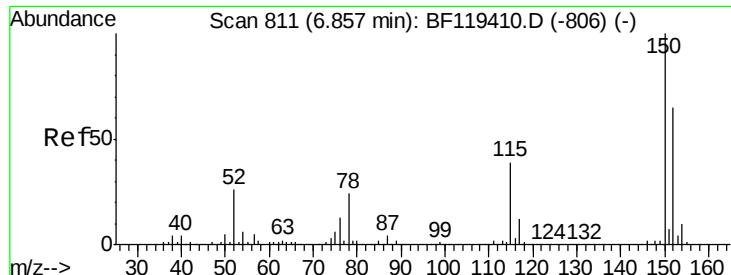
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF119741.D

Acq: 4 Apr 2020 3:32

Instrument :

BNA_F

ClientSampleId :

TP-6

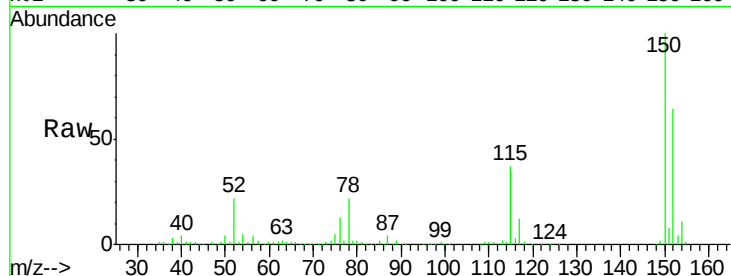
Tgt Ion:152 Resp: 191782

Ion Ratio Lower Upper

152 100

150 155.5 124.5 186.7

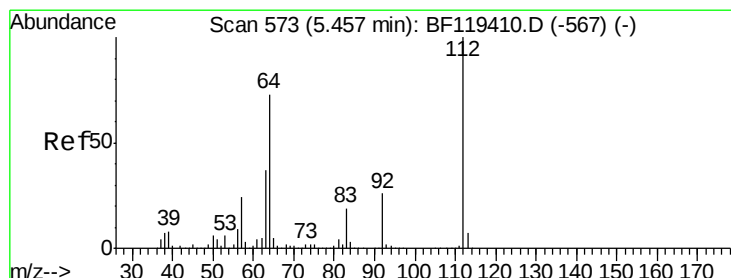
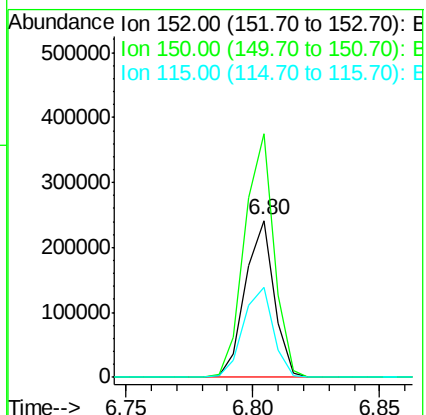
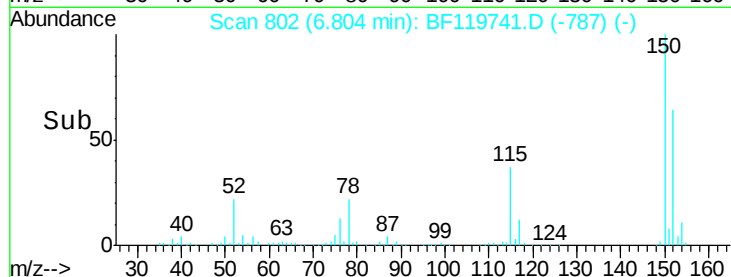
115 57.5 49.6 74.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 145.03 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF119741.D

Acq: 4 Apr 2020 3:32

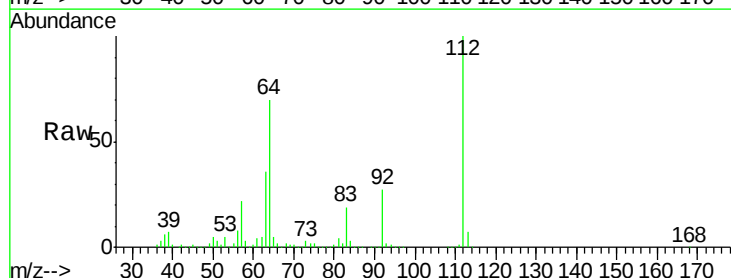
Tgt Ion:112 Resp: 1747200

Ion Ratio Lower Upper

112 100

64 70.2 56.7 85.1

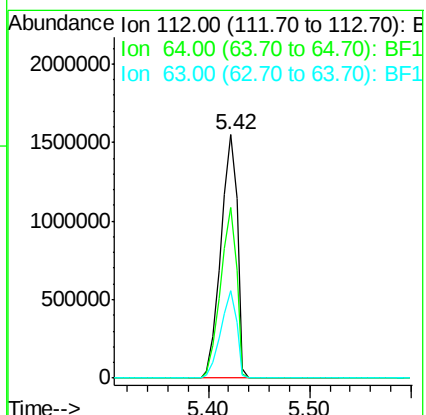
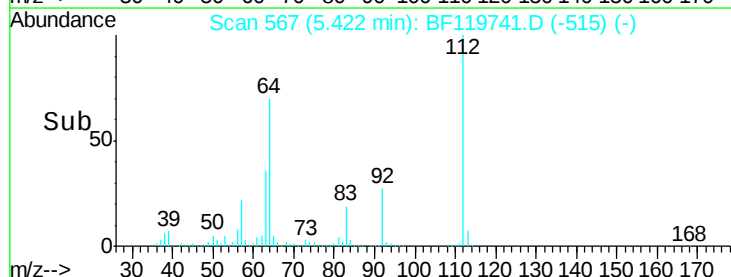
63 35.9 29.5 44.3

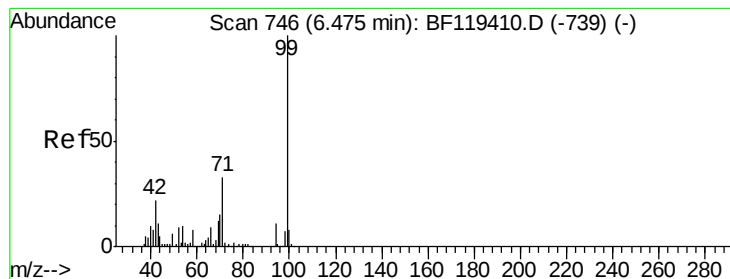


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 145.21 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF119741.D

Acq: 4 Apr 2020 3:32

Instrument :

BNA_F

ClientSampleId :

TP-6

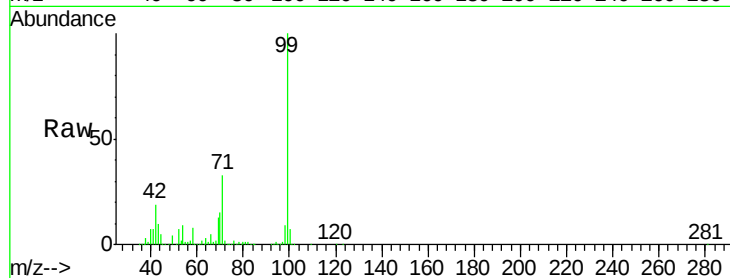
Tgt Ion: 99 Resp: 2234667

Ion Ratio Lower Upper

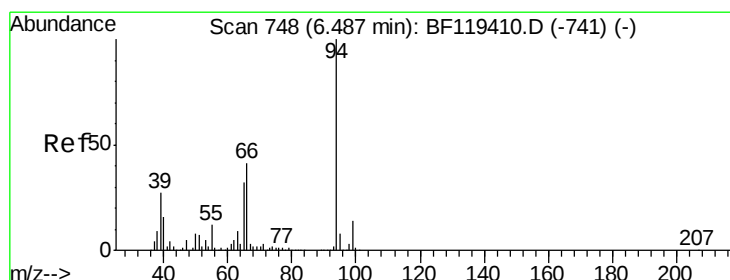
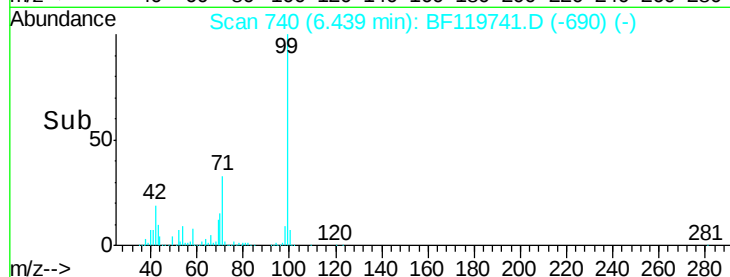
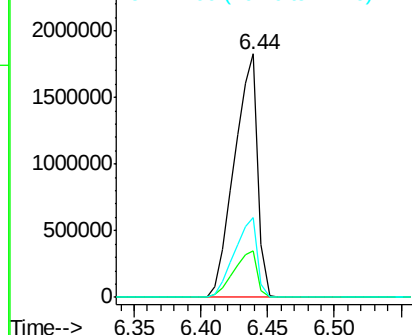
99 100

42 19.0 16.6 24.8

71 32.8 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.07 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF119741.D

Acq: 4 Apr 2020 3:32

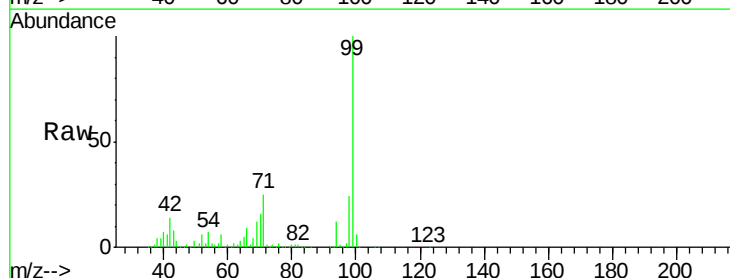
Tgt Ion: 94 Resp: 33962

Ion Ratio Lower Upper

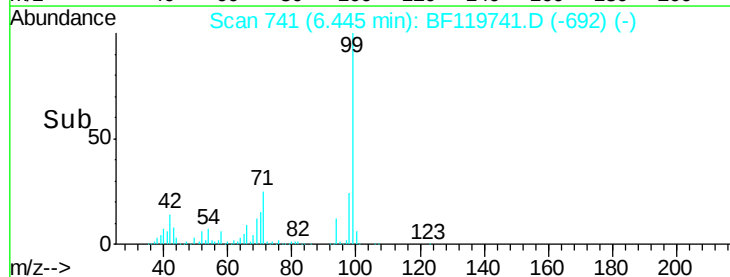
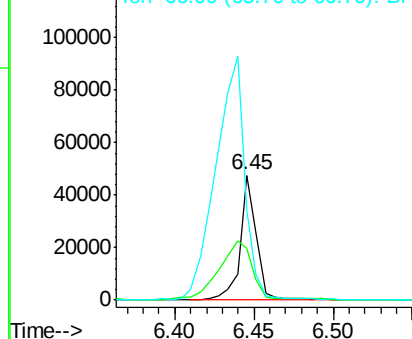
94 100

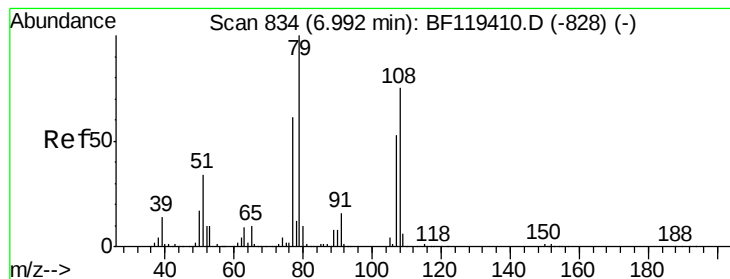
65 41.2 13.2 53.2

66 71.8 22.3 62.3#



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: 2.15 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF119741.D

Acq: 4 Apr 2020 3:32

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TP-6

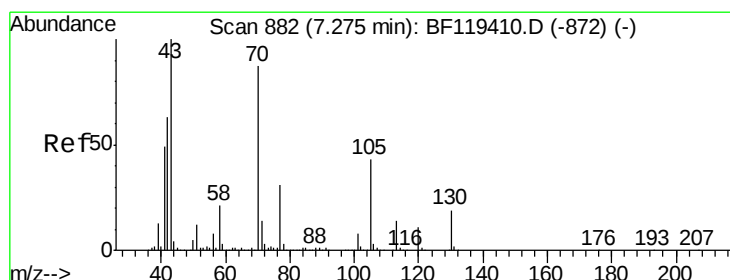
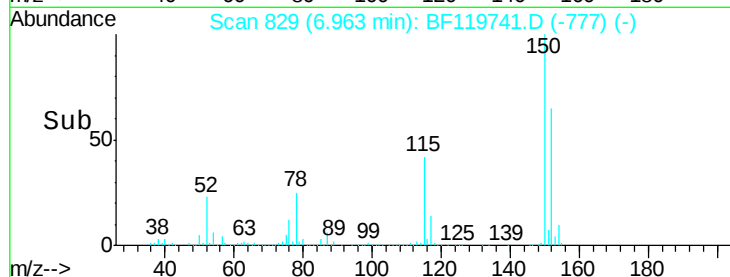
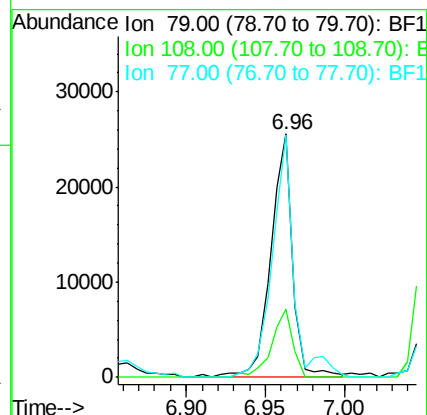
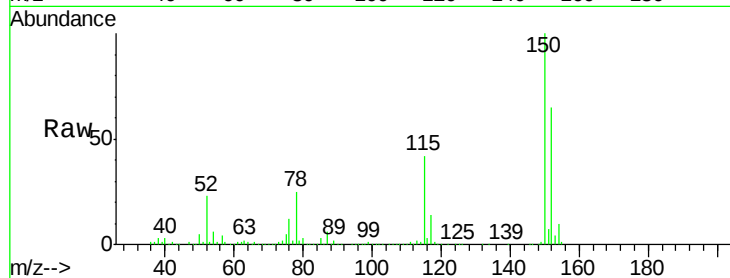
Tgt Ion: 79 Resp: 24887

Ion Ratio Lower Upper

79 100

108 28.1 60.6 90.8#

77 99.5 50.2 75.2#



#19

n-Nitroso-di-n-propylamine

Concen: 19.99 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF119741.D

Acq: 4 Apr 2020 3:32

Tgt Ion: 70 Resp: 185450

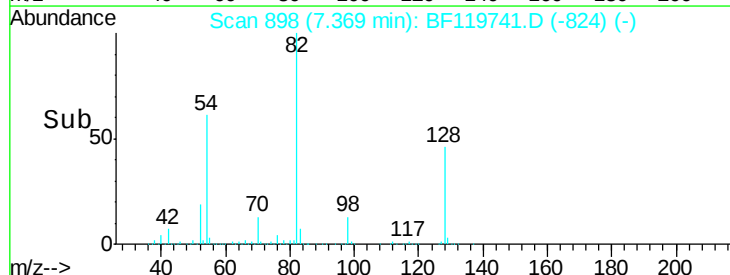
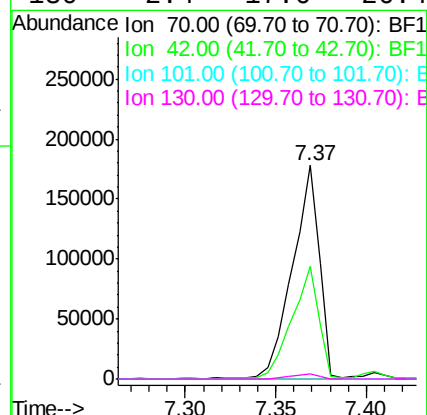
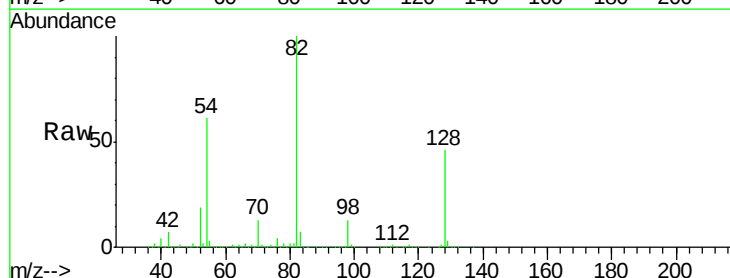
Ion Ratio Lower Upper

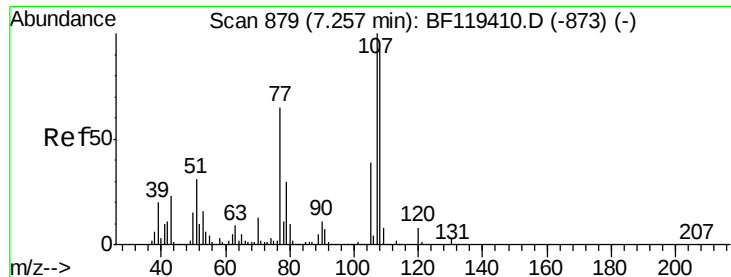
70 100

42 52.9 54.5 81.7#

101 0.0 7.6 11.4#

130 2.4 17.6 26.4#

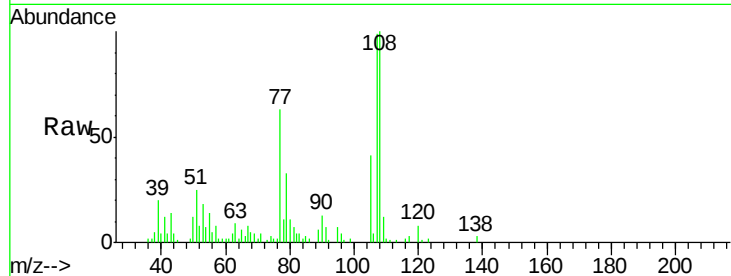




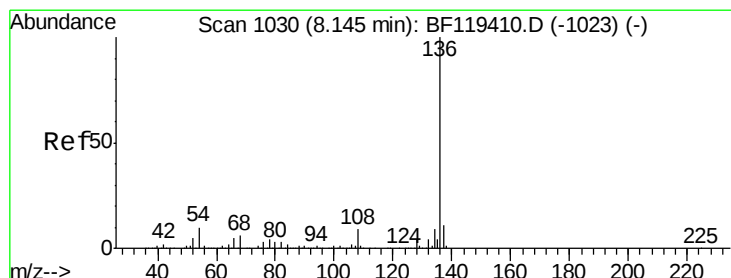
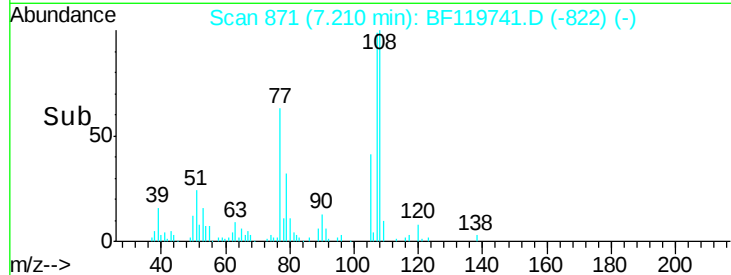
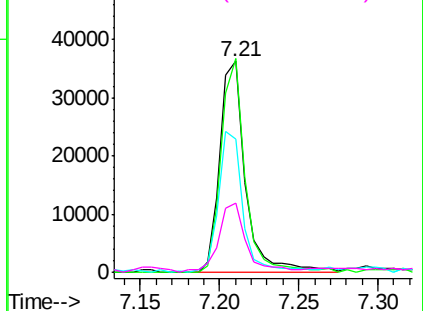
#20
3+4-Methylphenols
Concen: 2.88 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF119741.D
Acq: 4 Apr 2020 3:32

Instrument :
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Tgt Ion:107 Resp: 40918
Ion Ratio Lower Upper
107 100
108 101.2 67.9 107.9
77 63.4 52.9 92.9
79 33.1 7.7 47.7

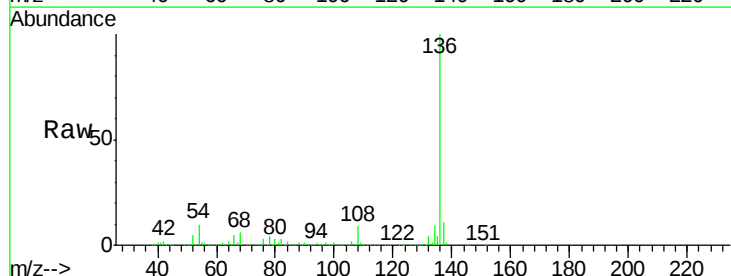


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

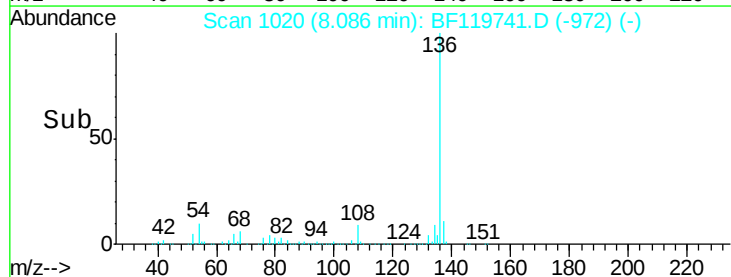
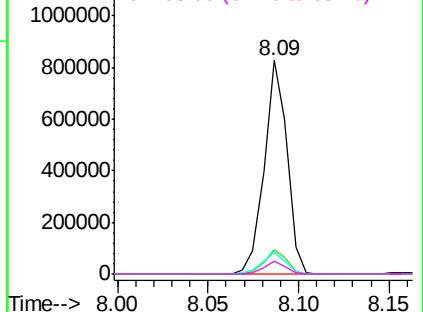


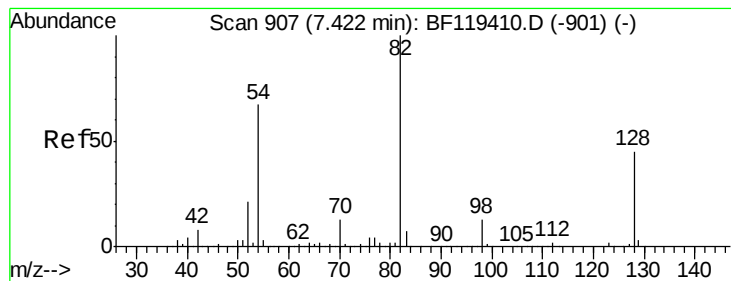
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF119741.D
Acq: 4 Apr 2020 3:32

Tgt Ion:136 Resp: 719200
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 10.4 9.1 13.7
68 5.9 4.6 6.8



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





#23

Nitrobenzene-d5

Concen: 107.54 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF119741.D

Acq: 4 Apr 2020 3:32

Instrument :

BNA_F

ClientSampleId :

TP-6

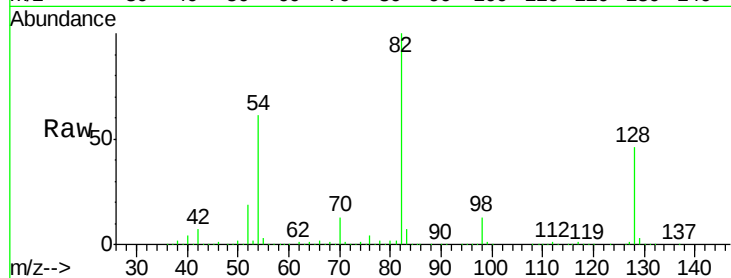
Tgt Ion: 82 Resp: 1423161

Ion Ratio Lower Upper

82 100

128 46.2 36.3 54.5

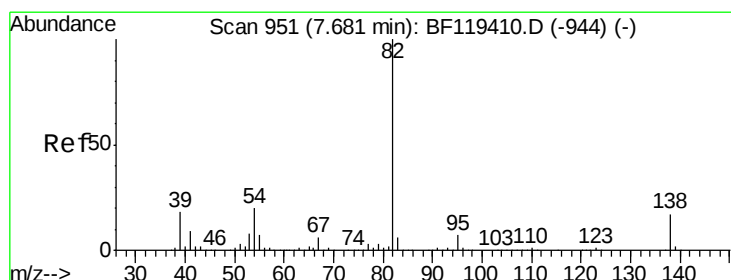
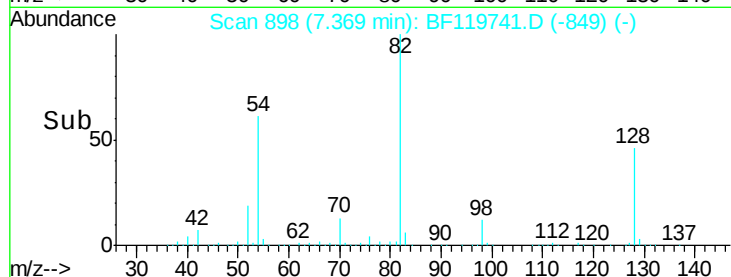
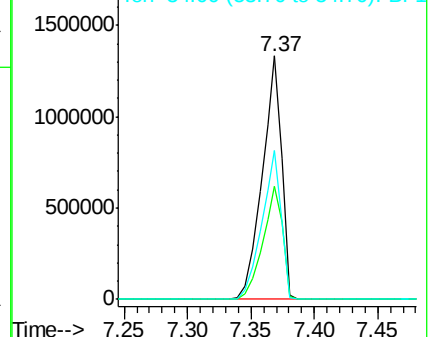
54 61.1 50.6 75.8



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: 52.94 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.27 min

Lab File: BF119741.D

Acq: 4 Apr 2020 3:32

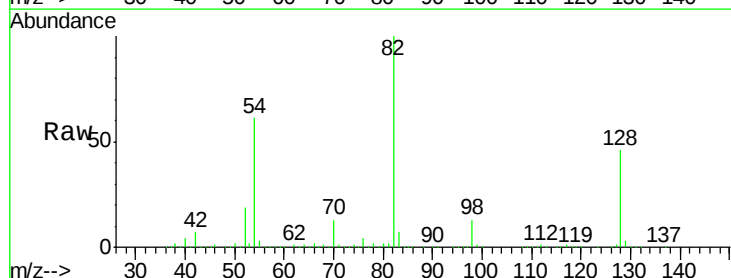
Tgt Ion: 82 Resp: 1421205

Ion Ratio Lower Upper

82 100

95 0.1 5.8 8.6#

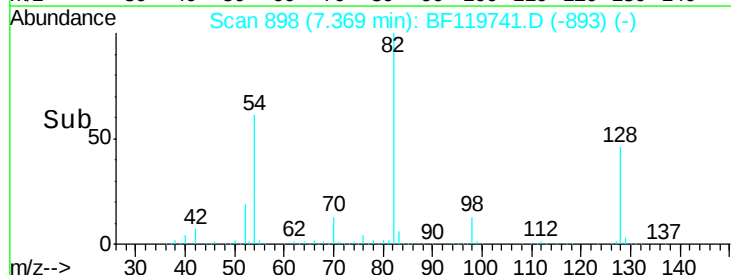
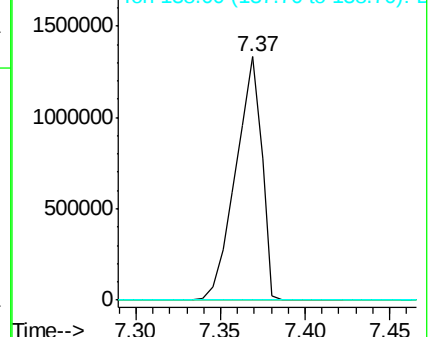
138 0.0 14.6 21.8#

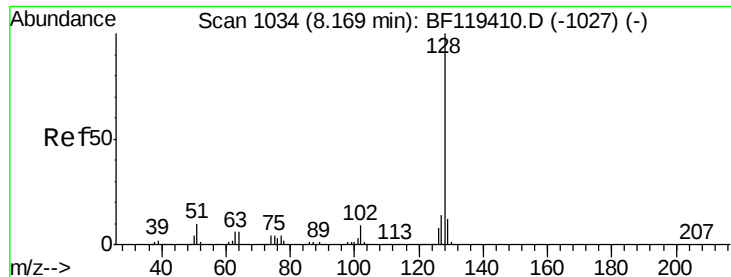


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

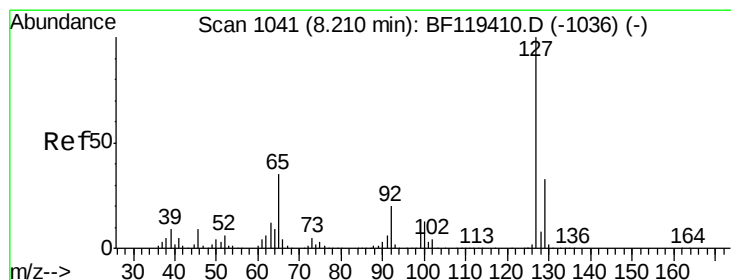
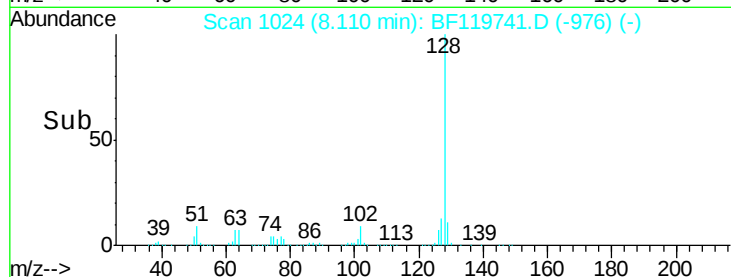
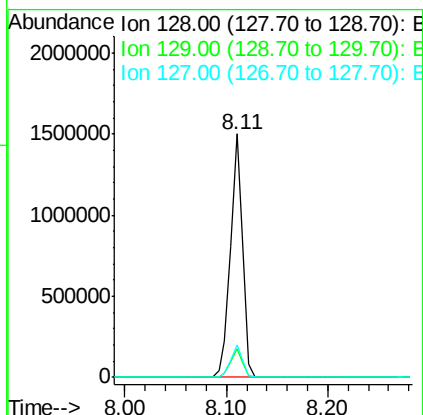
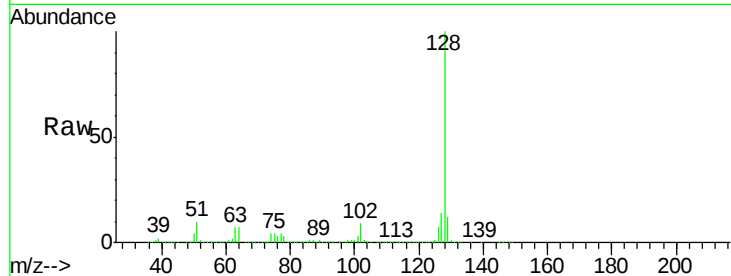




#31
Naphthalene
Concen: 33.89 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF119741.D
Acq: 4 Apr 2020 3:32

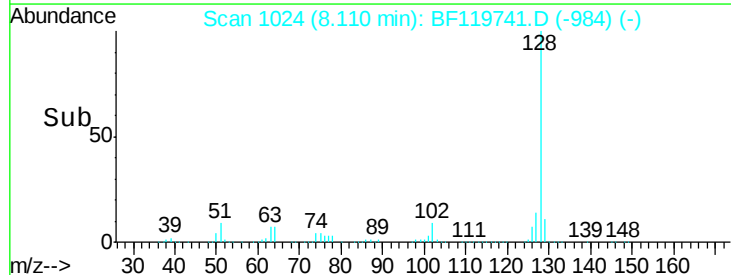
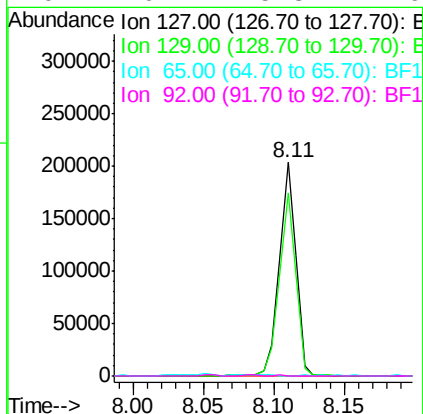
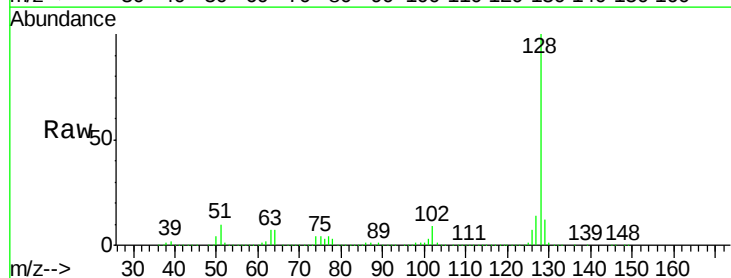
Instrument :
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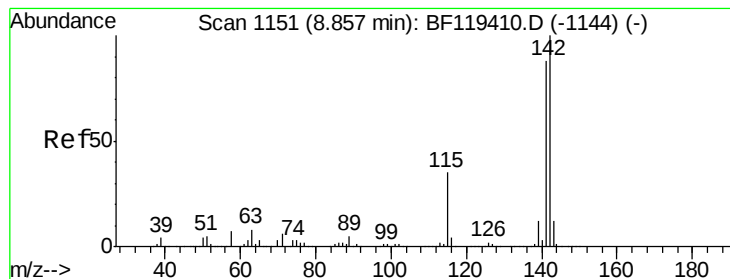
Tgt Ion:128 Resp: 1254429
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 13.6 11.3 16.9



#33
4-Chloroaniline
Concen: 9.98 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.06 min
Lab File: BF119741.D
Acq: 4 Apr 2020 3:32

Tgt Ion:127 Resp: 169237
Ion Ratio Lower Upper
127 100
129 85.7 26.2 39.4#
65 0.0 27.4 41.0#
92 0.2 15.3 22.9#





#37

2-Methylnaphthalene

Concen: 32.94 ng

RT: 8.80 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BF119741.D

Acq: 4 Apr 2020 3:32

Instrument :

BNA_F

ClientSampled :

TP-6

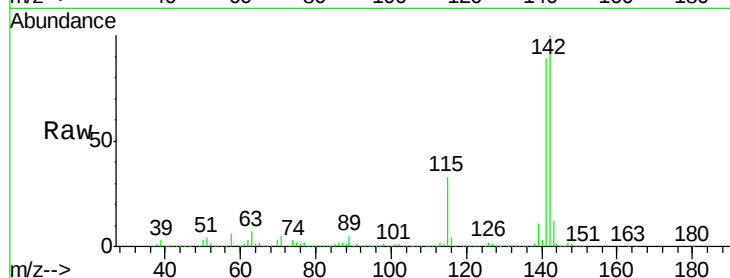
Tgt Ion:142 Resp: 800066

Ion Ratio Lower Upper

142 100

141 89.0 71.7 107.5

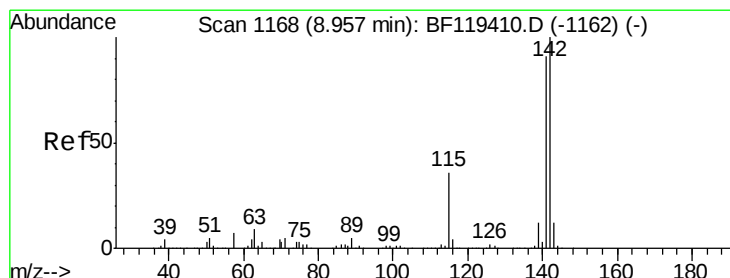
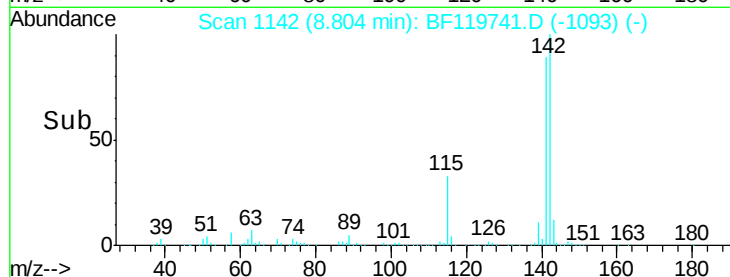
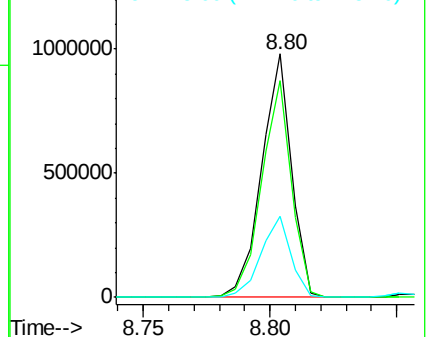
115 33.4 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 23.76 ng

RT: 8.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BF119741.D

Acq: 4 Apr 2020 3:32

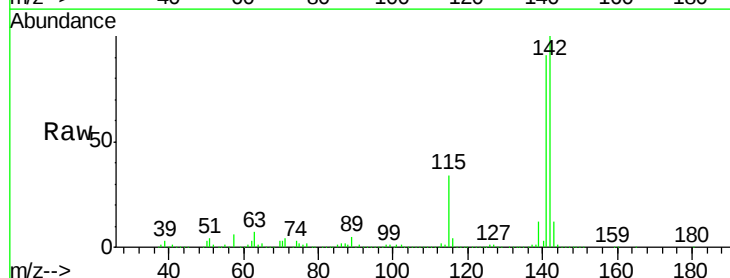
Tgt Ion:142 Resp: 546302

Ion Ratio Lower Upper

142 100

141 90.9 73.7 110.5

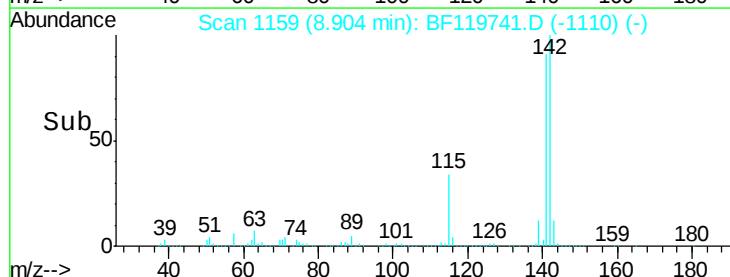
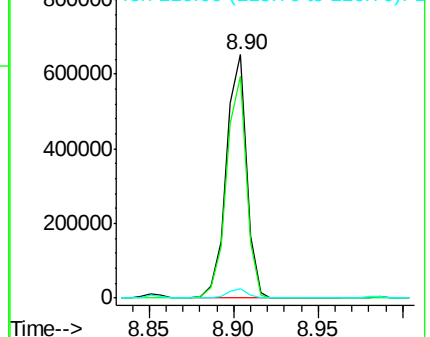
116 3.7 3.0 4.6

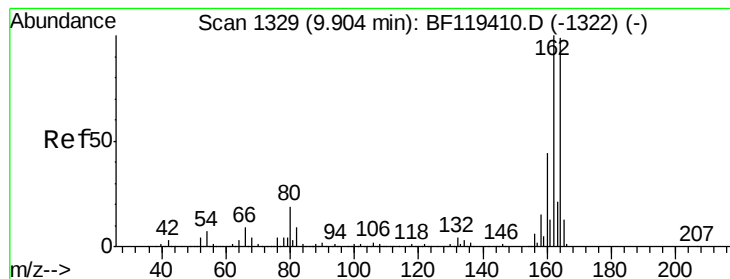


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BF119741.D

Acq: 4 Apr 2020 3:32

Instrument :

BNA_F

ClientSampleId :

TP-6

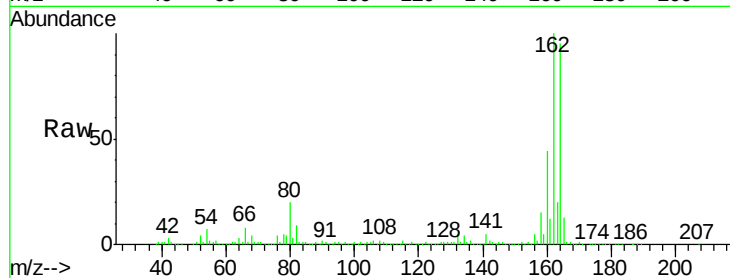
Tgt Ion:164 Resp: 338202

Ion Ratio Lower Upper

164 100

162 105.2 80.6 121.0

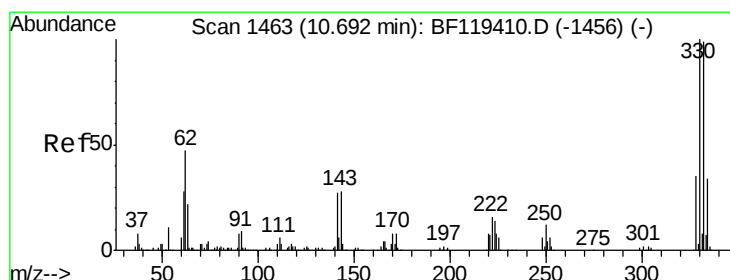
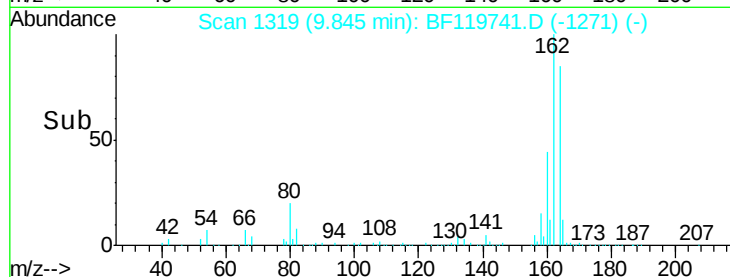
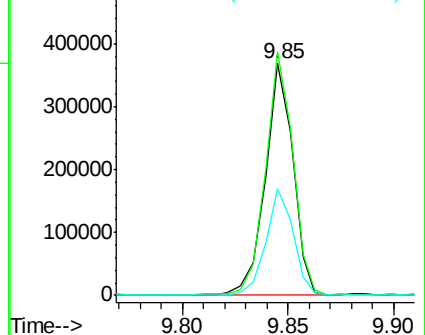
160 46.0 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 135.39 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BF119741.D

Acq: 4 Apr 2020 3:32

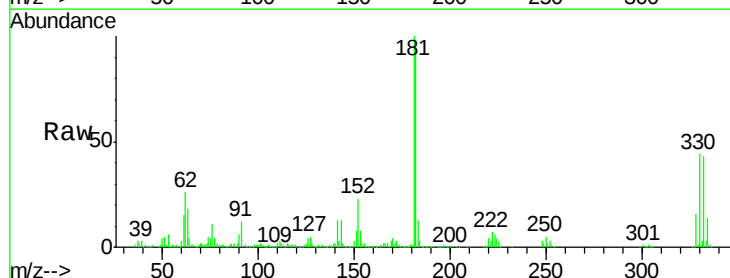
Tgt Ion:330 Resp: 472381

Ion Ratio Lower Upper

330 100

332 98.1 75.7 113.5

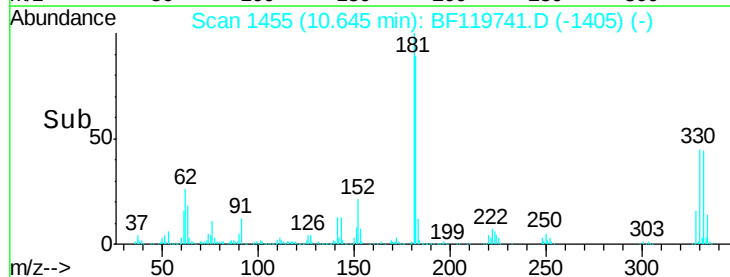
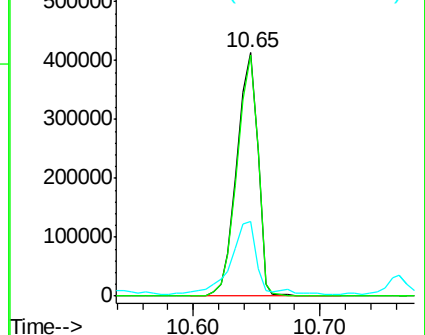
141 35.9 25.4 38.0

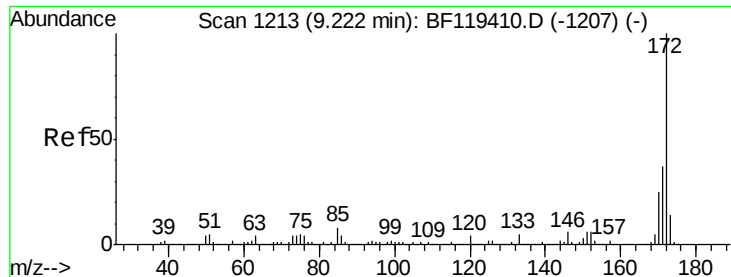


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

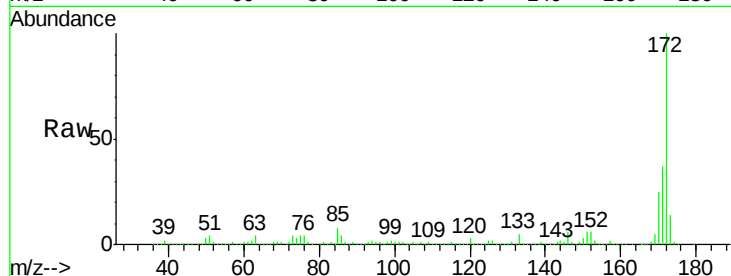




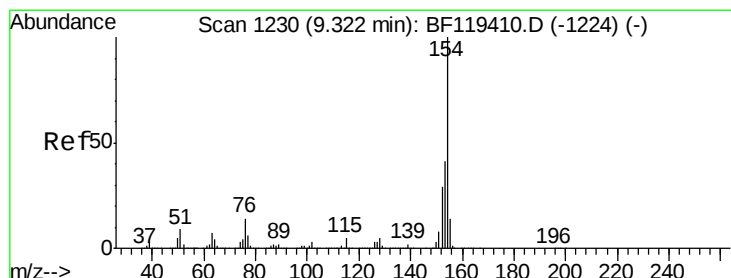
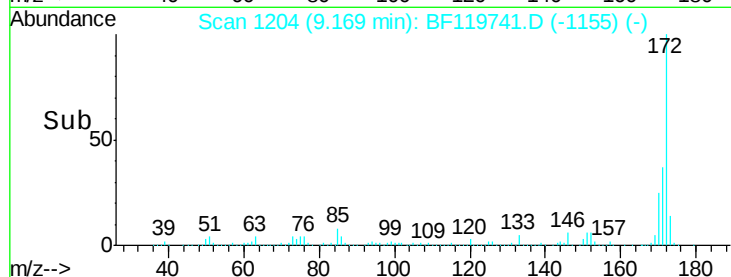
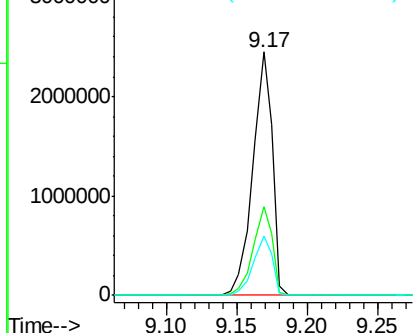
#45
 2-Fluorobiphenyl
 Concen: 104.09 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF119741.D
 Acq: 4 Apr 2020 3:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Tgt Ion:172 Resp: 2376151
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.6 20.2 30.2

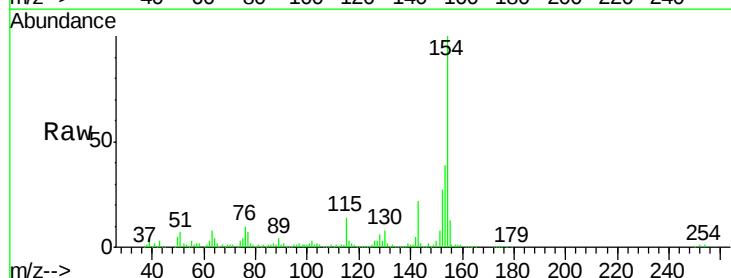


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

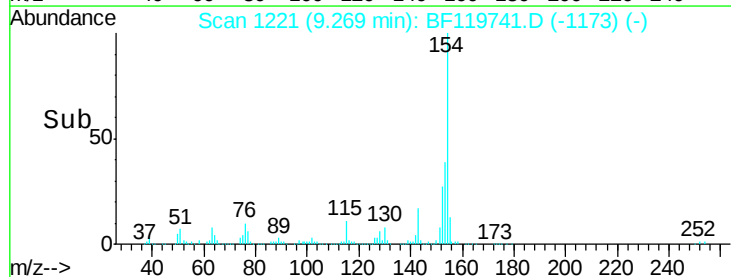
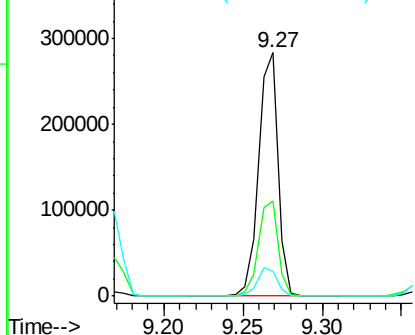


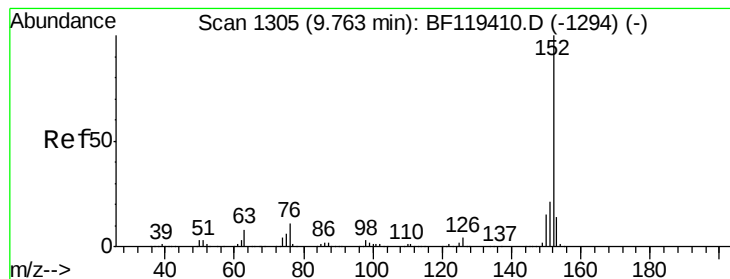
#46
 1,1'-Biphenyl
 Concen: 8.83 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BF119741.D
 Acq: 4 Apr 2020 3:32

Tgt Ion:154 Resp: 243152
 Ion Ratio Lower Upper
 154 100
 153 39.3 21.4 61.4
 76 10.4 0.0 33.0



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





#49

Acenaphthylene

Concen: 4.79 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF119741.D

Acq: 4 Apr 2020 3:32

Instrument :

BNA_F

ClientSampleId :

TP-6

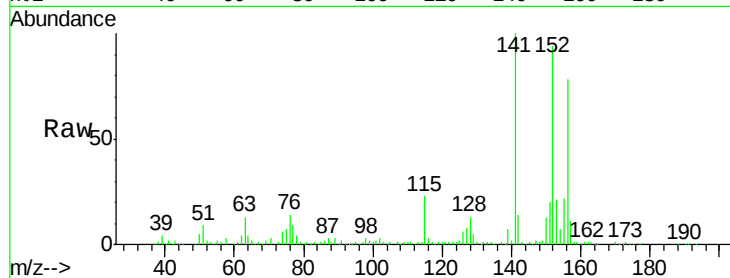
Tgt Ion:152 Resp: 162326

Ion Ratio Lower Upper

152 100

151 21.2 17.2 25.8

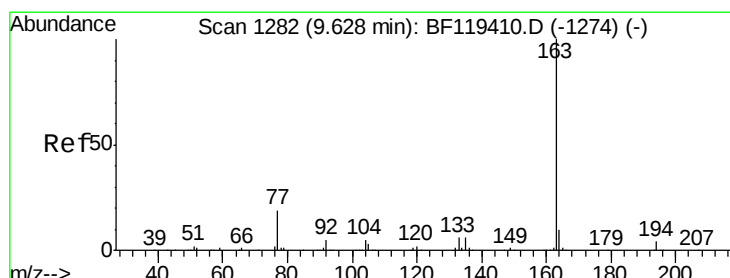
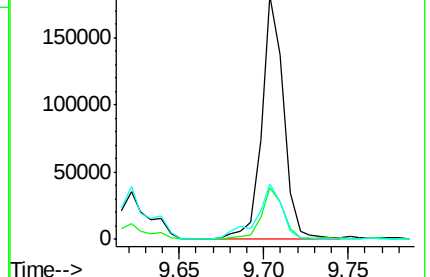
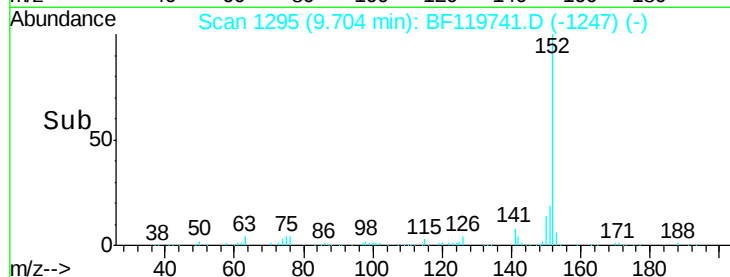
153 22.8 11.2 16.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 14.39 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF119741.D

Acq: 4 Apr 2020 3:32

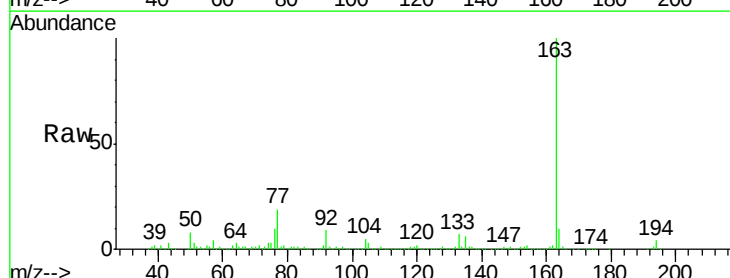
Tgt Ion:163 Resp: 345616

Ion Ratio Lower Upper

163 100

194 4.3 3.1 4.7

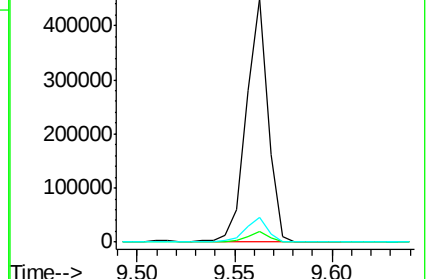
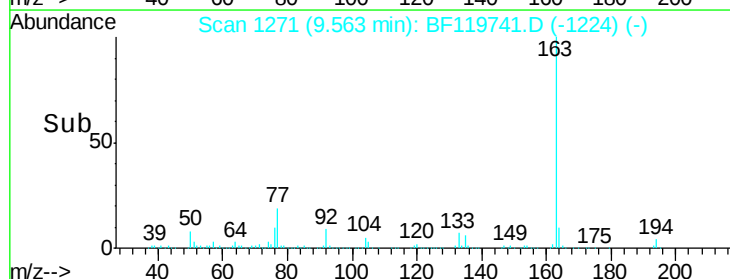
164 10.2 8.2 12.2

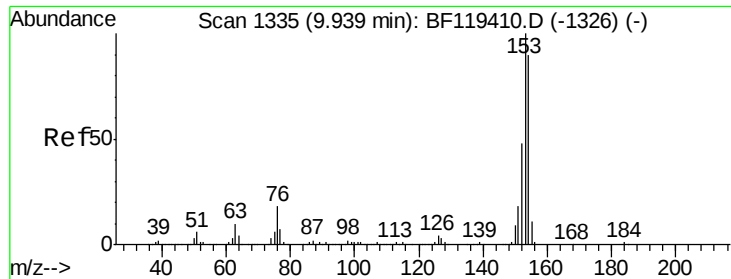


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 89.61 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF119741.D

Acq: 4 Apr 2020 3:32

Instrument :

BNA_F

ClientSampleId :

TP-6

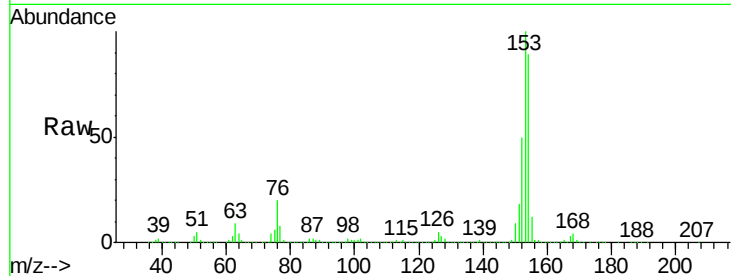
Tgt Ion:154 Resp: 1892750

Ion Ratio Lower Upper

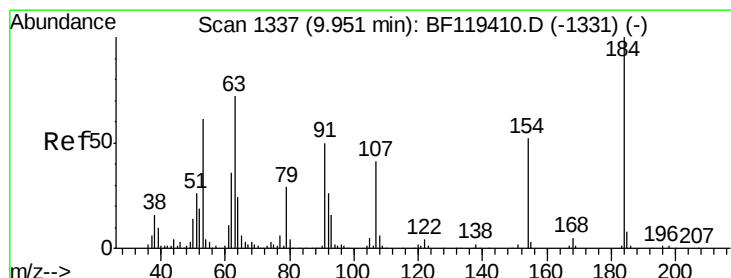
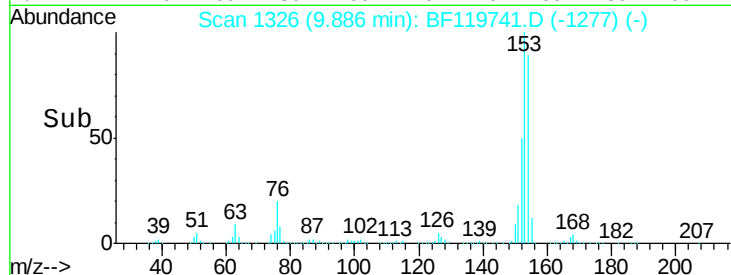
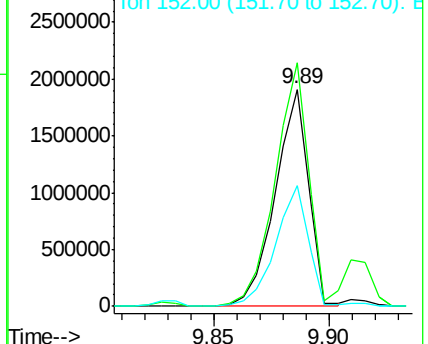
154 100

153 112.2 88.1 132.1

152 55.7 43.0 64.4



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



#54

2,4-Dinitrophenol

Concen: 7.47 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.08 min

Lab File: BF119741.D

Acq: 4 Apr 2020 3:32

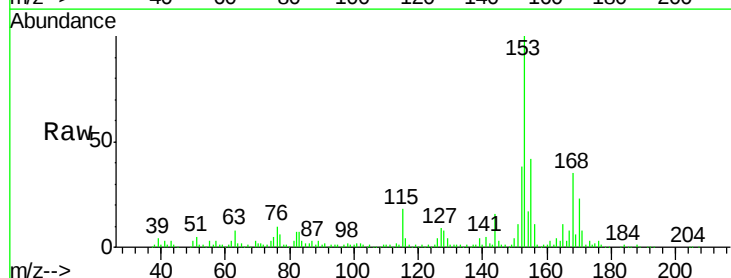
Tgt Ion:184 Resp: 483

Ion Ratio Lower Upper

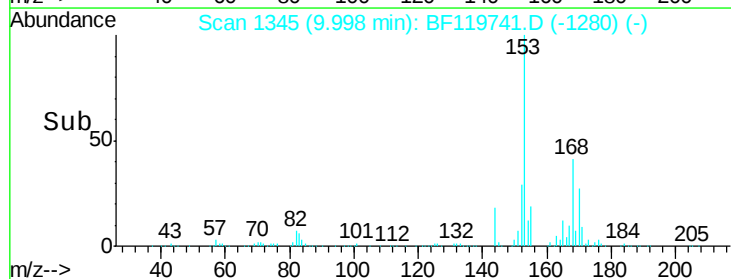
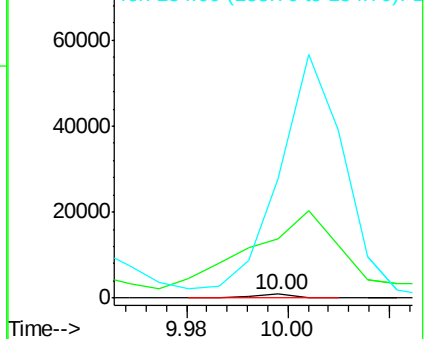
184 100

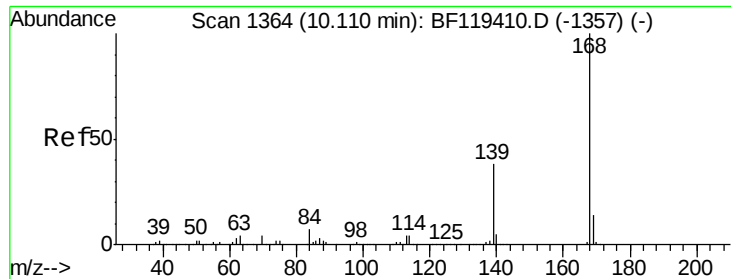
63 1589.2 50.2 75.4#

154 3212.9 44.5 66.7#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 89.16 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF119741.D

Acq: 4 Apr 2020 3:32

Instrument :

BNA_F

ClientSampleId :

TP-6

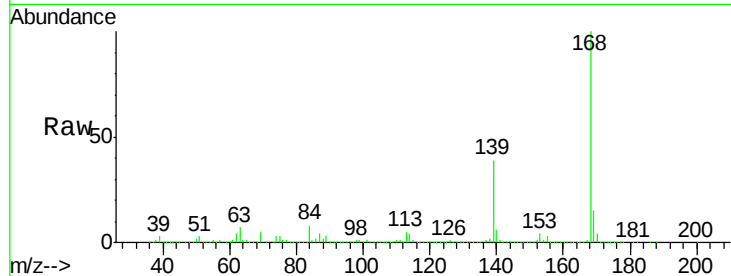
Tgt Ion:168 Resp: 2700079

Ion Ratio Lower Upper

168 100

139 39.0 30.1 45.1

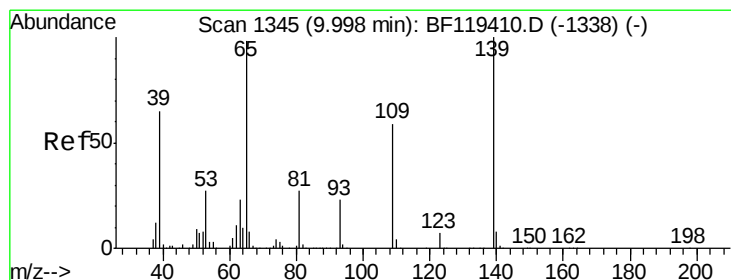
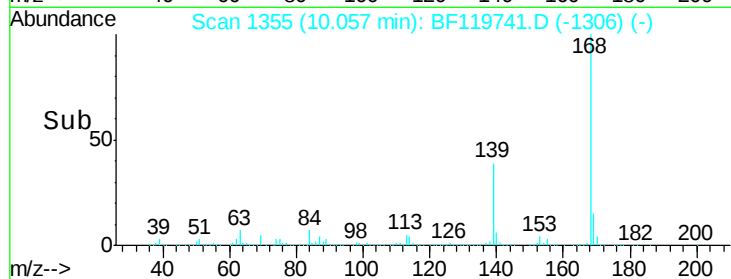
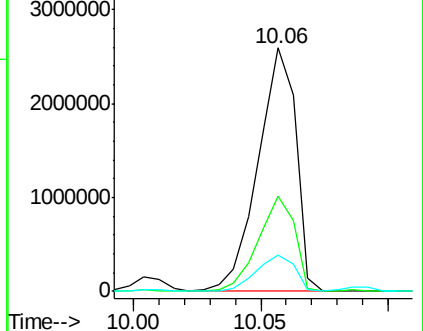
169 14.9 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 200.95 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.09 min

Lab File: BF119741.D

Acq: 4 Apr 2020 3:32

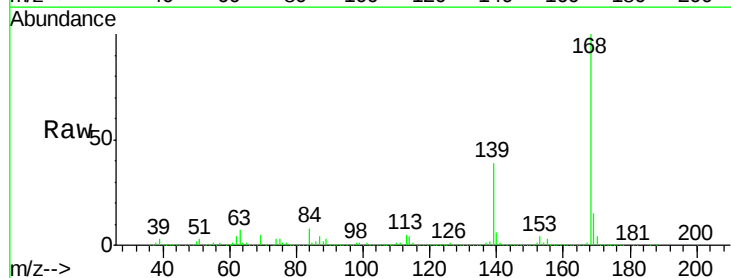
Tgt Ion:139 Resp: 1030503

Ion Ratio Lower Upper

139 100

109 1.0 43.3 83.3#

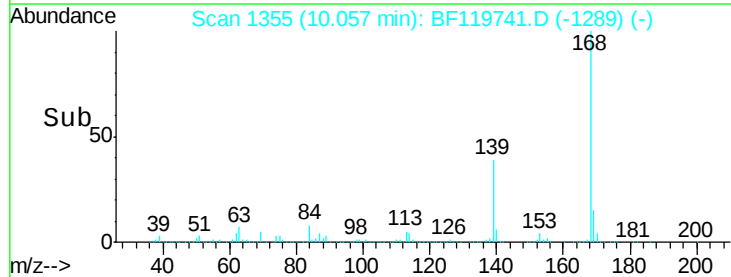
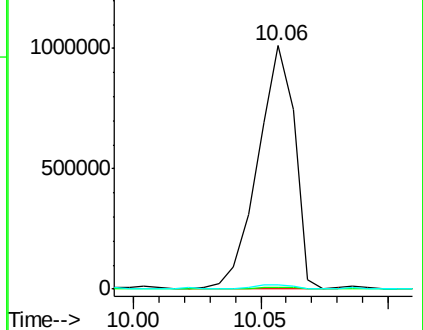
65 1.9 91.0 131.0#

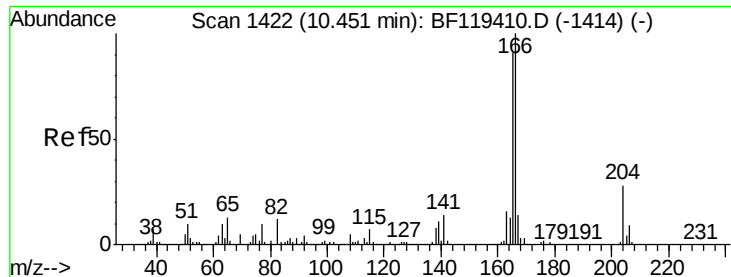


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

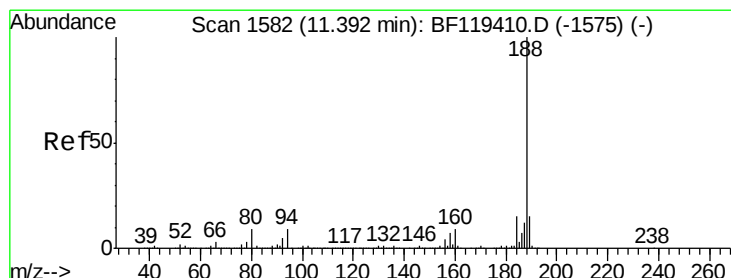
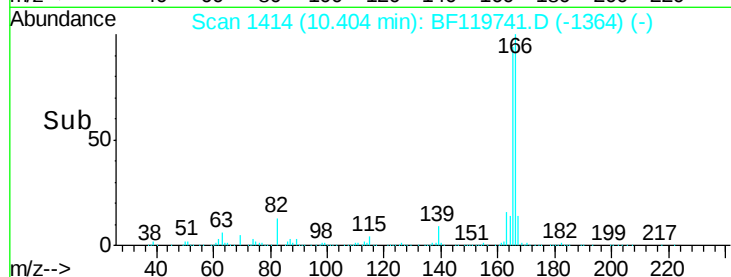
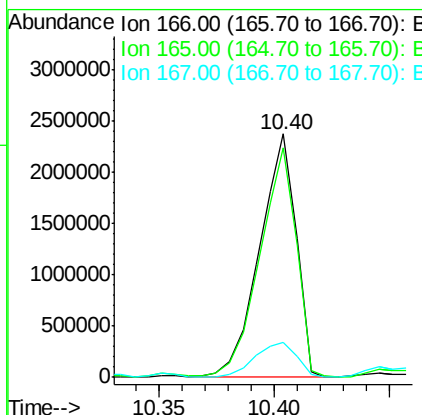
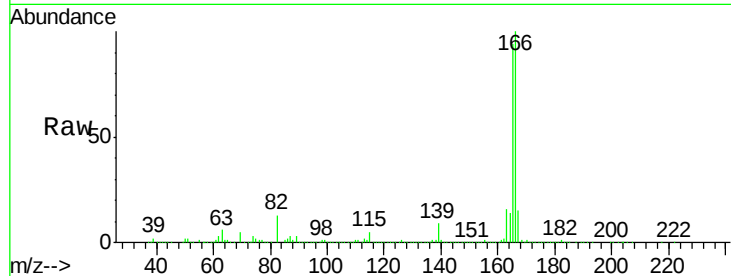




#58
Fluorene
 Concen: 115.22 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BF119741.D
 Acq: 4 Apr 2020 3:32

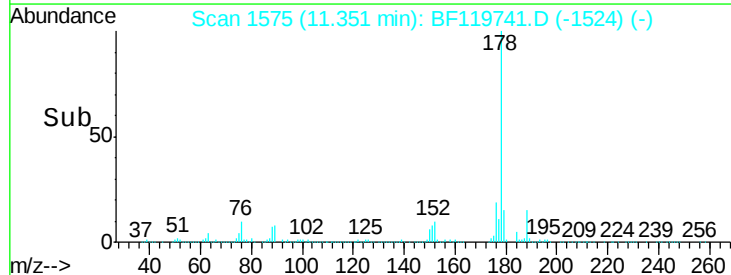
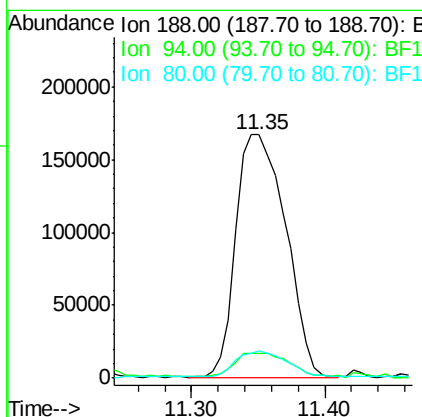
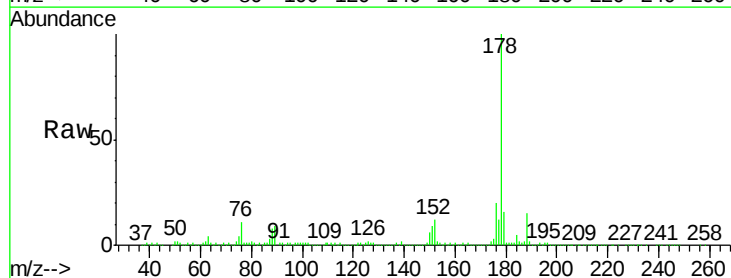
Instrument :
 BNA_F
 ClientSampleId :
 TP-6

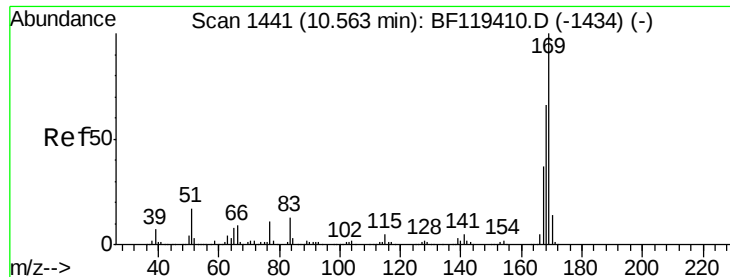
Tgt Ion:166 Resp: 2580455
 Ion Ratio Lower Upper
 166 100
 165 94.2 75.4 113.2
 167 14.6 11.2 16.8



#64
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: BF119741.D
 Acq: 4 Apr 2020 3:32

Tgt Ion:188 Resp: 429762
 Ion Ratio Lower Upper
 188 100
 94 9.9 7.5 11.3
 80 11.3 9.0 13.4

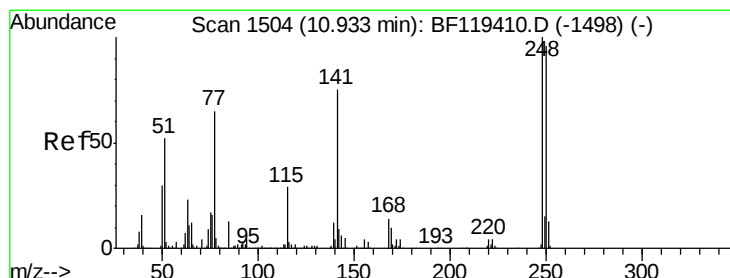
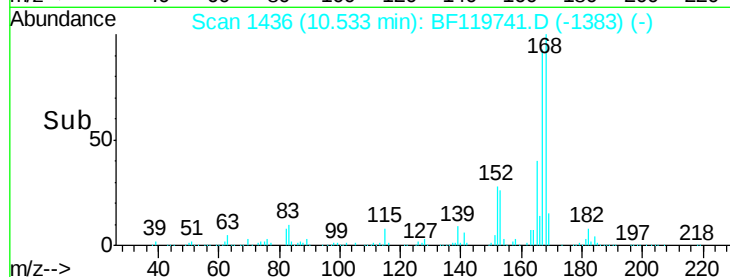
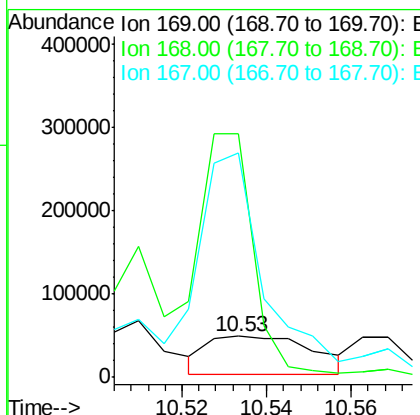
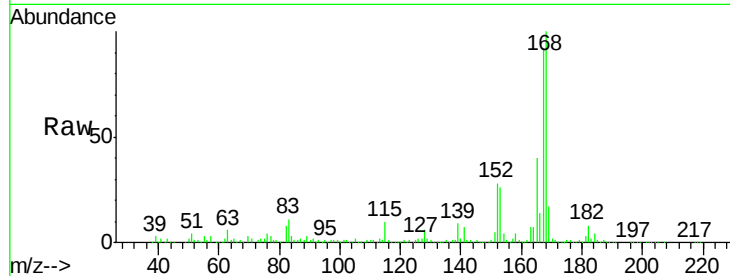




#66
 n-Nitrosodiphenylamine
 Concen: 5.63 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. 0.01 min
 Lab File: BF119741.D
 Acq: 4 Apr 2020 3:32

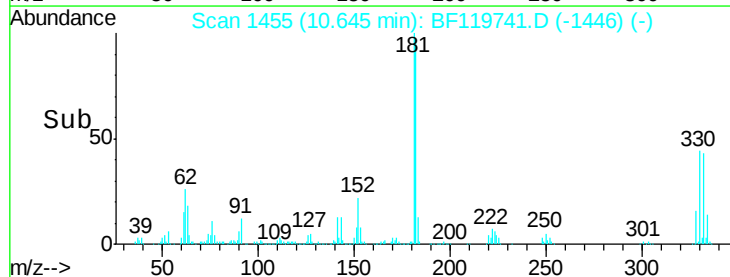
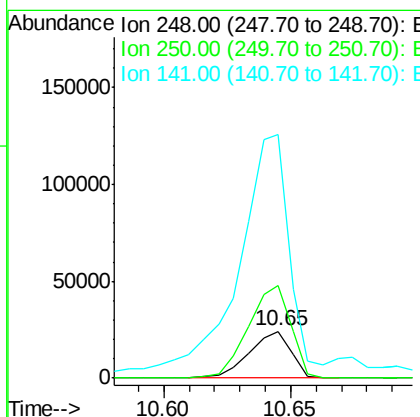
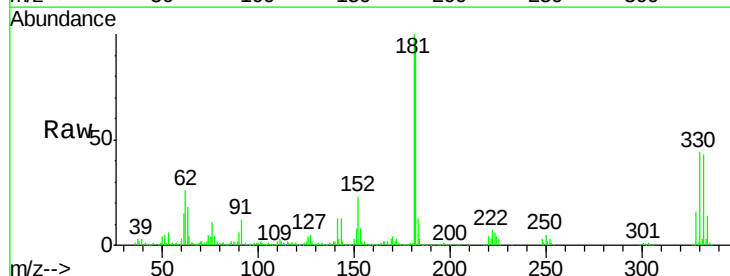
Instrument :
 BNA_F
 ClientSampleId :
 TP-6

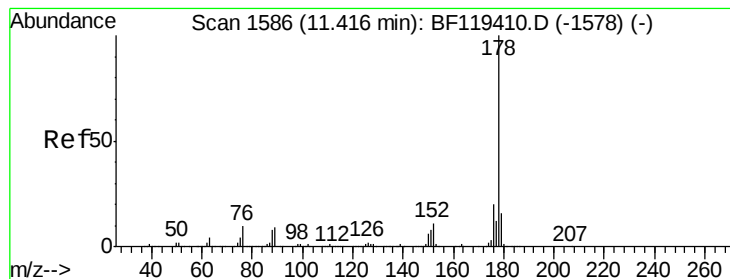
Tgt Ion:169 Resp: 79488
 Ion Ratio Lower Upper
 169 100
 168 590.8 53.2 79.8#
 167 545.9 29.1 43.7#



#67
 4-Bromophenyl-phenylether
 Concen: 5.67 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.25 min
 Lab File: BF119741.D
 Acq: 4 Apr 2020 3:32

Tgt Ion:248 Resp: 27728
 Ion Ratio Lower Upper
 248 100
 250 198.6 77.3 115.9#
 141 522.4 58.6 87.8#





#71

Phenanthrene

Concen: 765.14 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.04 min

Lab File: BF119741.D

Acq: 4 Apr 2020 3:32

Instrument :

BNA_F

ClientSampleId :

TP-6

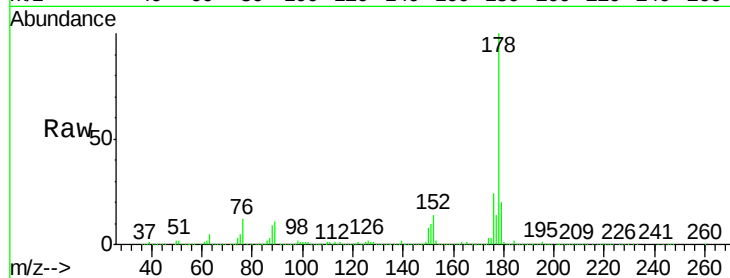
Tgt Ion:178 Resp:17050623

Ion Ratio Lower Upper

178 100

176 24.0 16.2 24.4

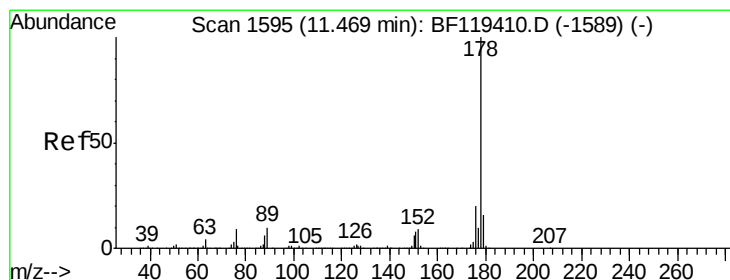
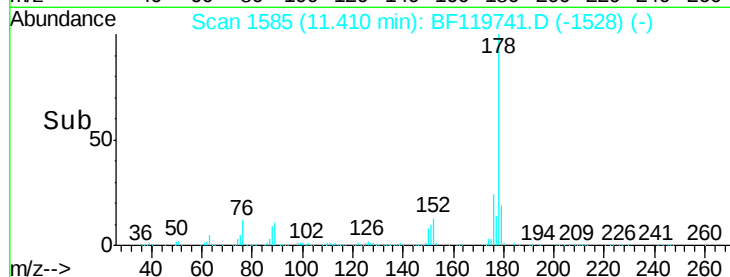
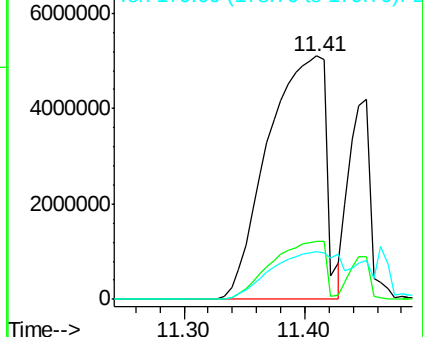
179 19.6 13.2 19.8



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



#72

Anthracene

Concen: 225.16 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.02 min

Lab File: BF119741.D

Acq: 4 Apr 2020 3:32

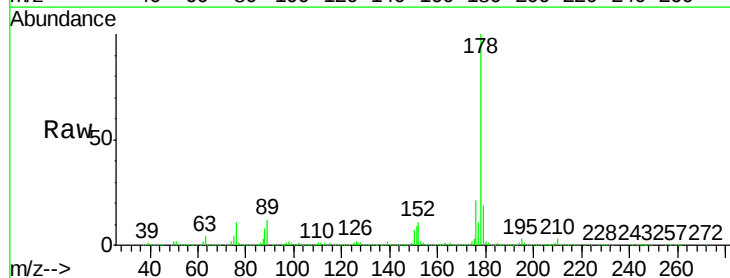
Tgt Ion:178 Resp: 5099462

Ion Ratio Lower Upper

178 100

176 21.5 16.1 24.1

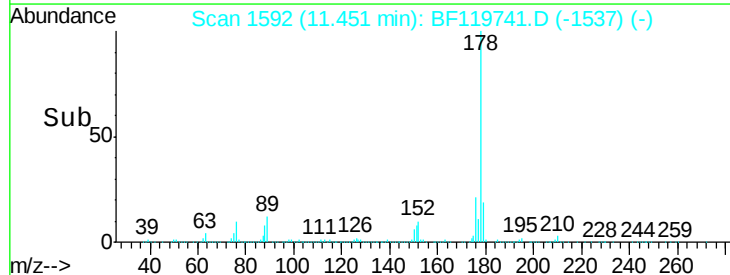
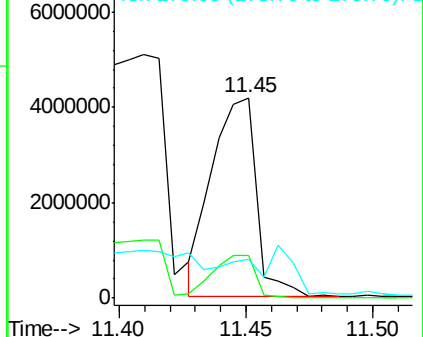
179 19.2 13.0 19.4

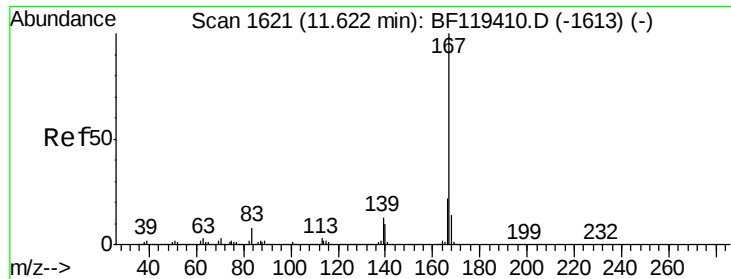


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 167.91 ng

RT: 11.59 min Scan# 1615

Delta R.T. 0.01 min

Lab File: BF119741.D

Acq: 4 Apr 2020 3:32

Instrument :

BNA_F

ClientSampleId :

TP-6

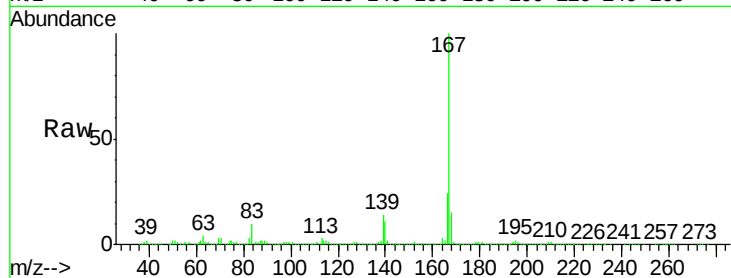
Tgt Ion:167 Resp: 3764172

Ion Ratio Lower Upper

167 100

166 23.6 18.2 27.4

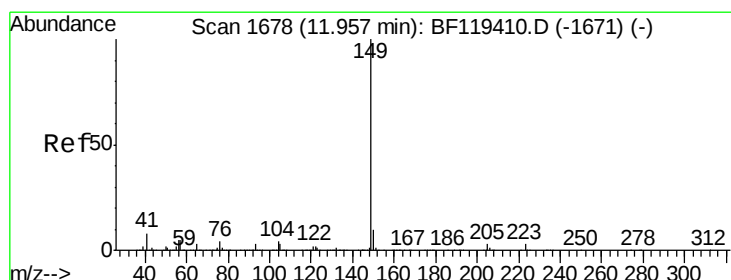
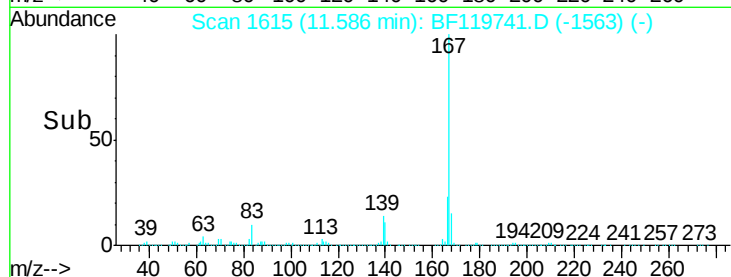
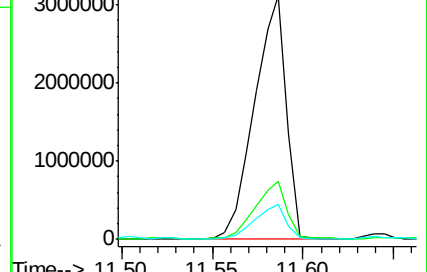
139 14.1 10.7 16.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 7.56 ng

RT: 11.91 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BF119741.D

Acq: 4 Apr 2020 3:32

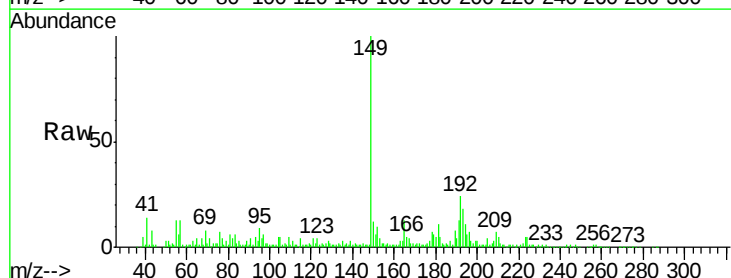
Tgt Ion:149 Resp: 181315

Ion Ratio Lower Upper

149 100

150 11.8 7.8 11.8#

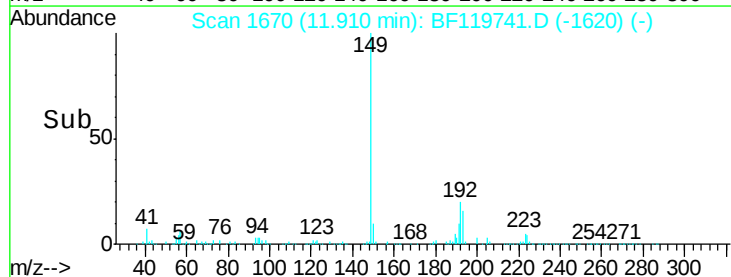
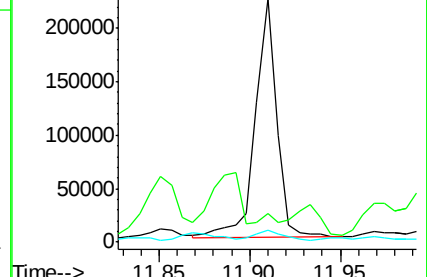
104 5.1 3.6 5.4

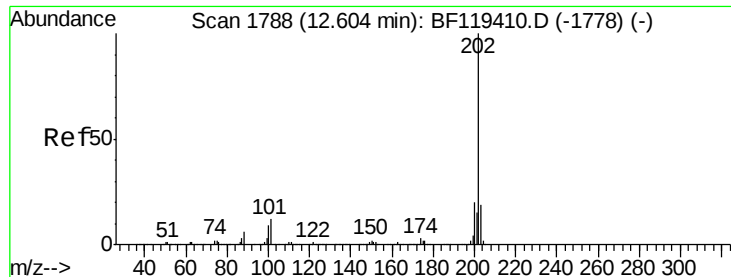


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 600.84 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.04 min

Lab File: BF119741.D

Acq: 4 Apr 2020 3:32

Instrument :

BNA_F

ClientSampleId :

TP-6

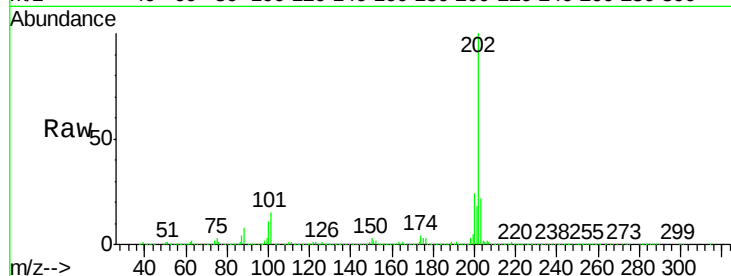
Tgt Ion:202 Resp:14490350

Ion Ratio Lower Upper

202 100

101 14.6 0.0 32.2

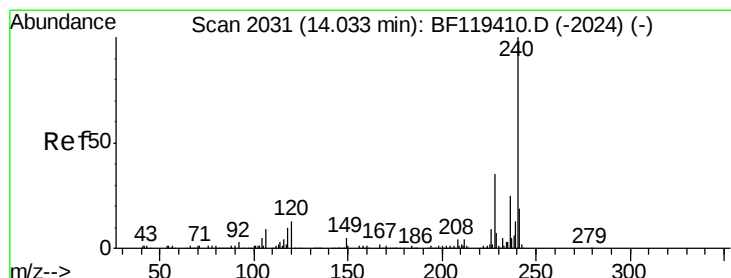
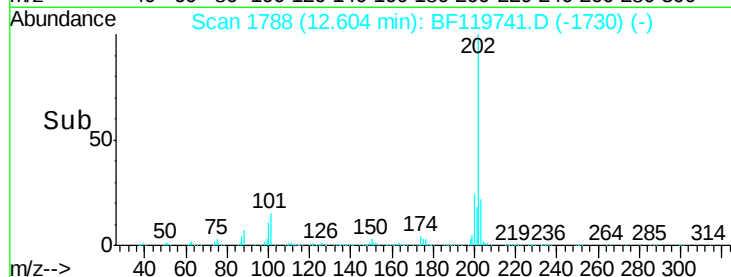
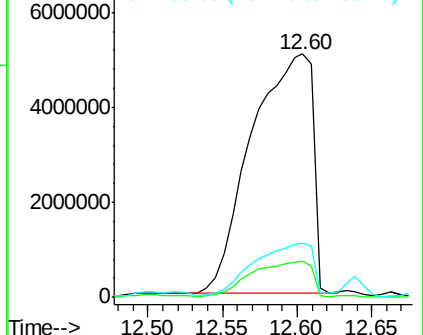
203 22.0 0.0 38.8



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: 20.00 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.02 min

Lab File: BF119741.D

Acq: 4 Apr 2020 3:32

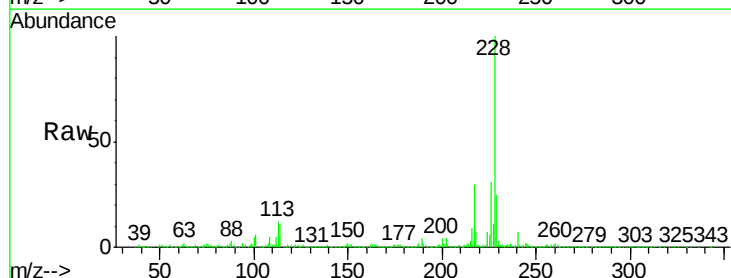
Tgt Ion:240 Resp: 221511

Ion Ratio Lower Upper

240 100

120 15.6 10.6 15.8

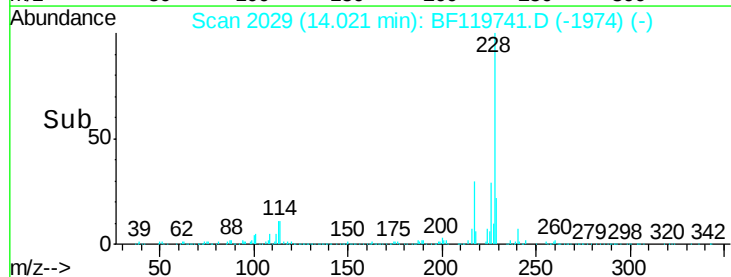
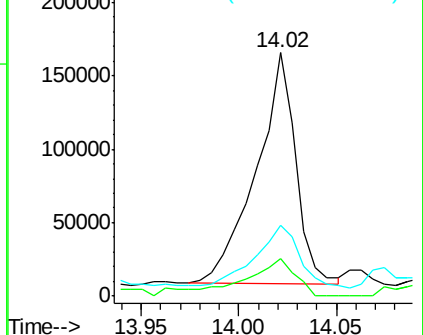
236 29.3 20.2 30.2

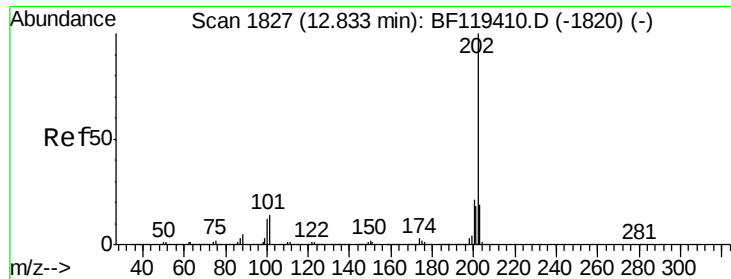


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

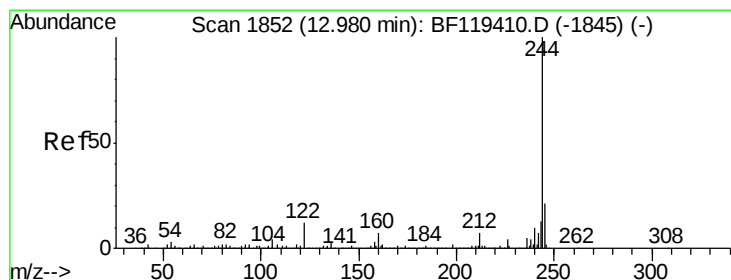
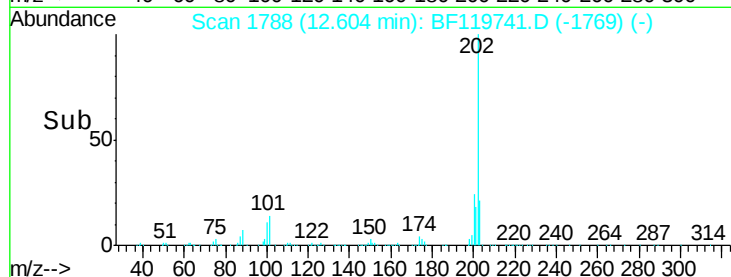
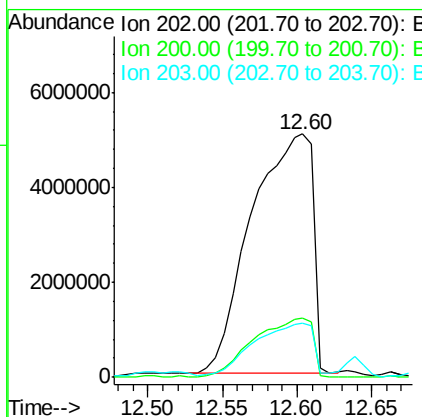
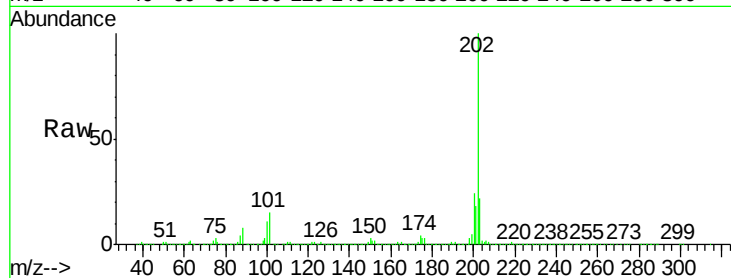




#78
 Pyrene
 Concen: 797.08 ng
 RT: 12.60 min Scan# 1788
 Delta R.T. -0.19 min
 Lab File: BF119741.D
 Acq: 4 Apr 2020 3:32

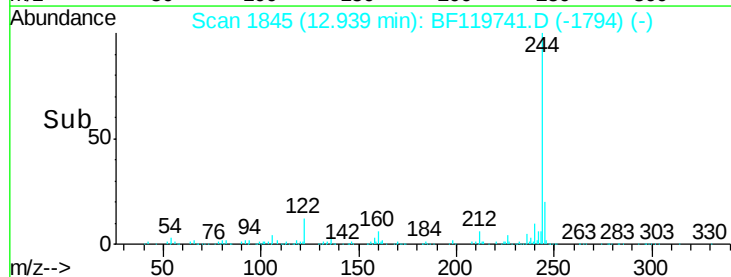
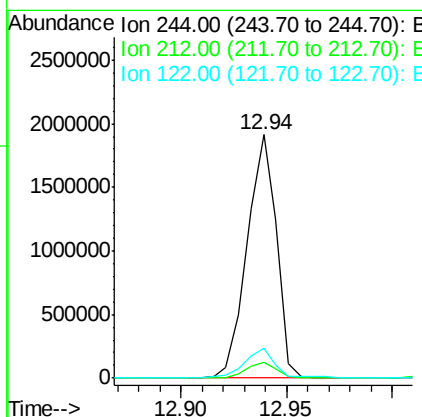
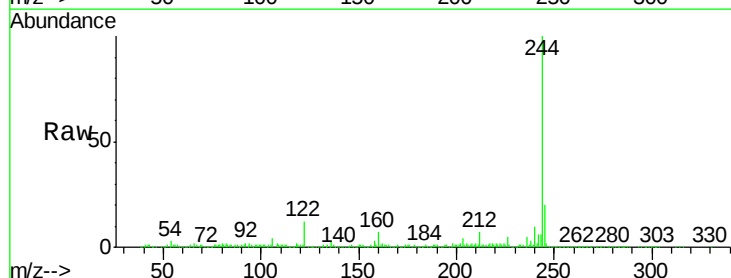
Instrument :
 BNA_F
 ClientSampleId :
 TP-6

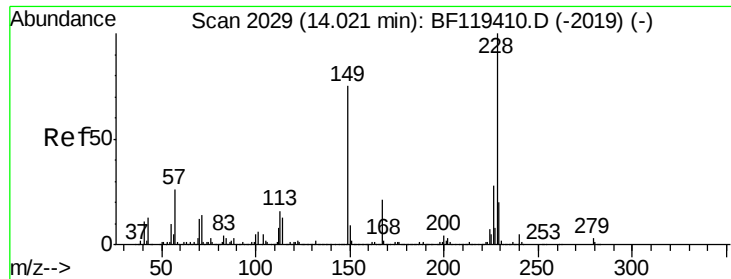
Tgt Ion:202 Resp:14490350
 Ion Ratio Lower Upper
 202 100
 200 24.3 16.8 25.2
 203 22.0 15.1 22.7



#79
 Terphenyl-d14
 Concen: 162.63 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.00 min
 Lab File: BF119741.D
 Acq: 4 Apr 2020 3:32

Tgt Ion:244 Resp: 1838676
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.8
 122 12.2 10.3 15.5

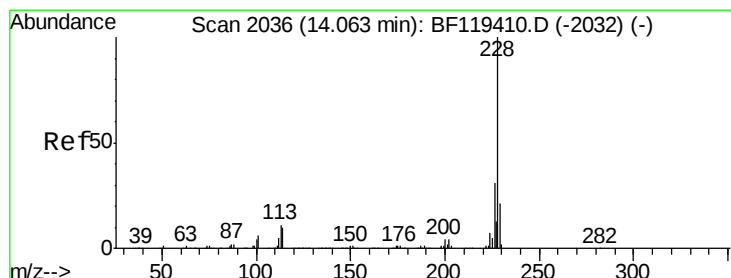
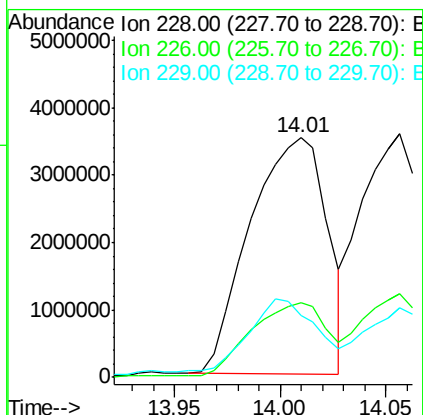
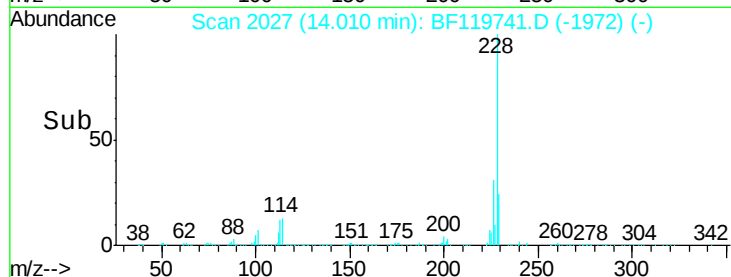
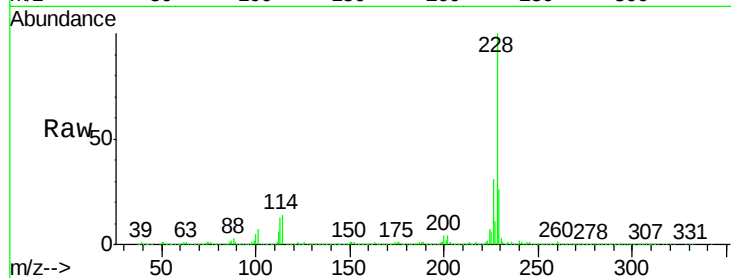




#81
Benzo(a)anthracene
Concen: 616.59 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.02 min
Lab File: BF119741.D
Acq: 4 Apr 2020 3:32

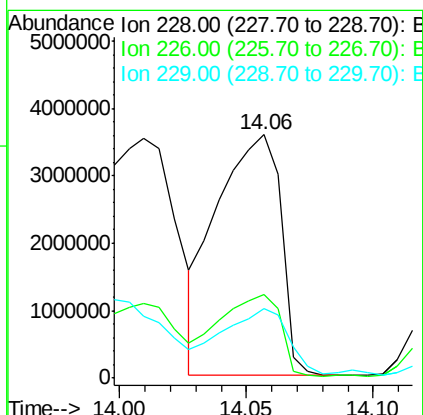
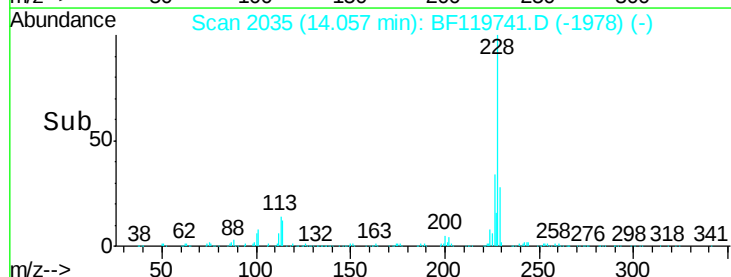
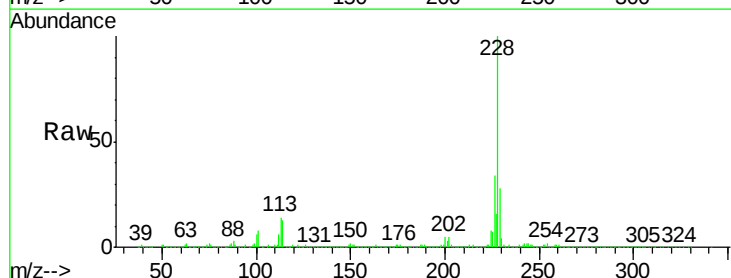
Instrument :
BNA_F
ClientSampleId :
TP-6

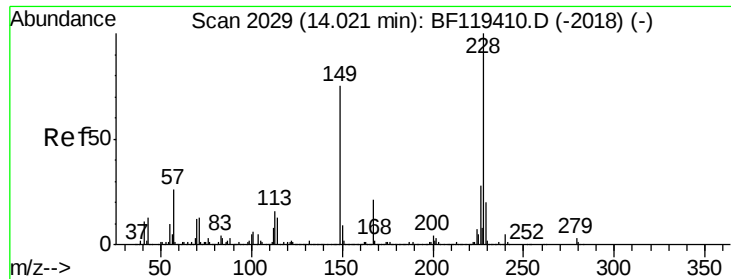
Tgt Ion:228 Resp: 8881638
Ion Ratio Lower Upper
228 100
226 31.2 21.8 32.8
229 25.6 16.2 24.4#



#83
Chrysene
Concen: 423.31 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.04 min
Lab File: BF119741.D
Acq: 4 Apr 2020 3:32

Tgt Ion:228 Resp: 6292905
Ion Ratio Lower Upper
228 100
226 34.4 25.4 38.0
229 28.5 16.6 24.8#





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.84 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.03 min

Lab File: BF119741.D

Acq: 4 Apr 2020 3:32

Instrument :

BNA_F

ClientSampleId :

TP-6

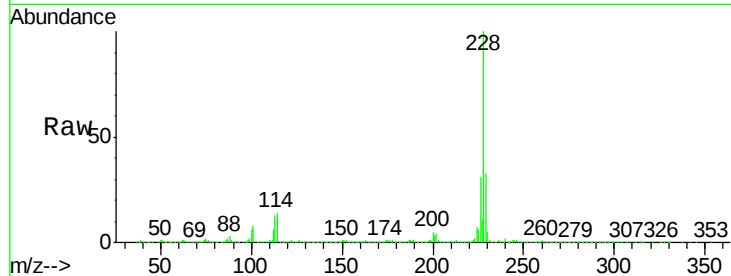
Tgt Ion:149 Resp: 33698

Ion Ratio Lower Upper

149 100

167 19.5 21.3 31.9#

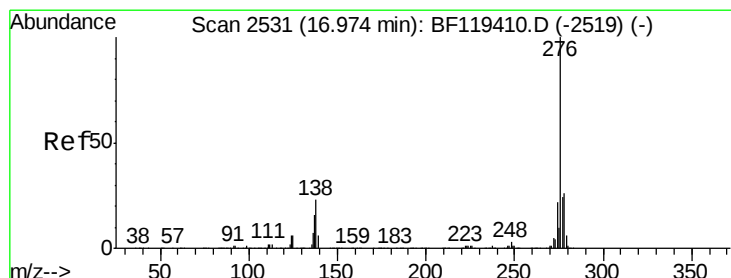
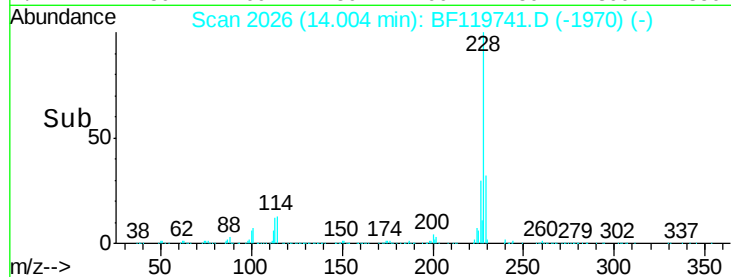
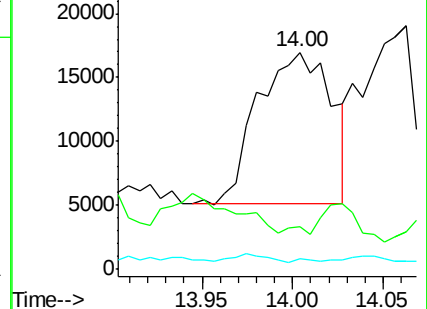
279 5.0 2.7 4.1#



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

Indeno(1,2,3-cd)pyrene

Concen: 228.12 ng

RT: 16.96 min Scan# 2529

Delta R.T. 0.05 min

Lab File: BF119741.D

Acq: 4 Apr 2020 3:32

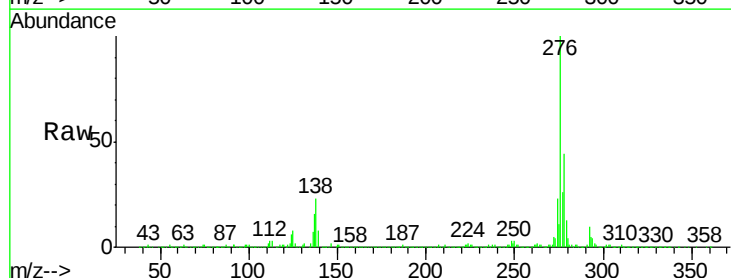
Tgt Ion:276 Resp: 3193855

Ion Ratio Lower Upper

276 100

138 22.6 19.6 29.4

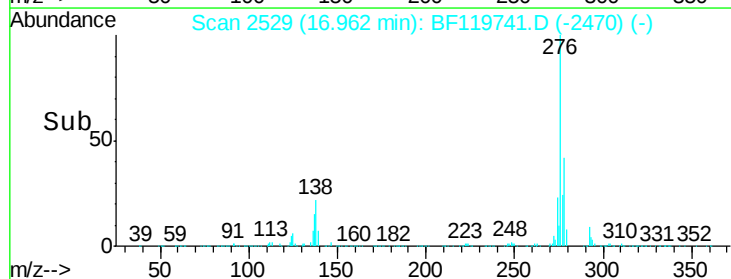
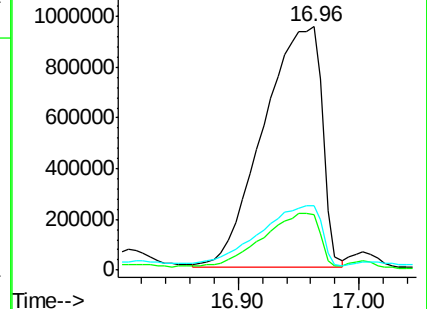
277 26.7 20.0 30.0

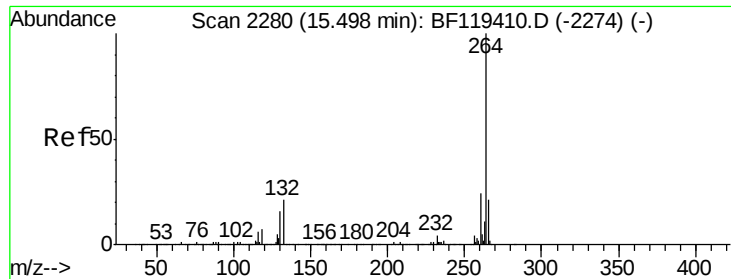


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.00 ng

RT: 15.48 min Scan# 2277

Delta R.T. 0.03 min

Lab File: BF119741.D

Acq: 4 Apr 2020 3:32

Instrument :

BNA_F

ClientSampleId :

TP-6

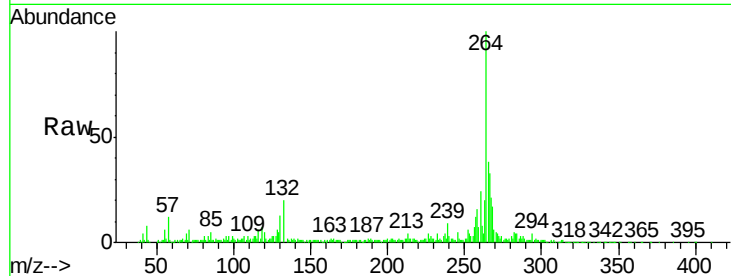
Tgt Ion:264 Resp: 349828

Ion Ratio Lower Upper

264 100

260 24.4 18.7 28.1

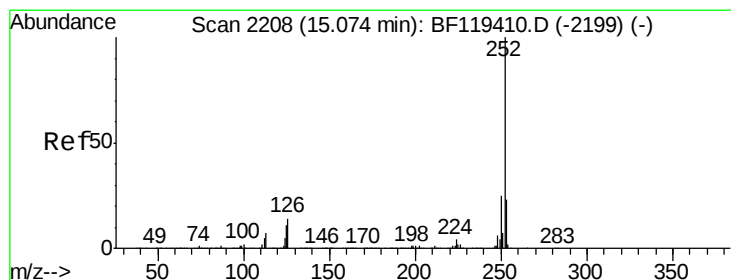
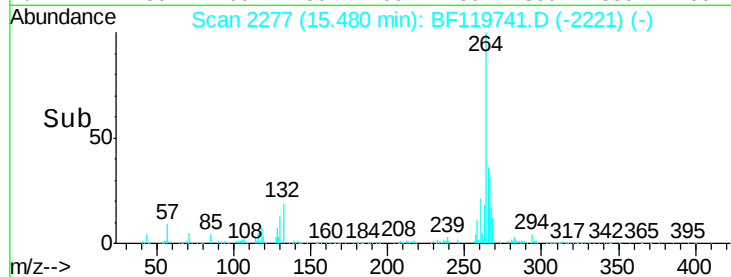
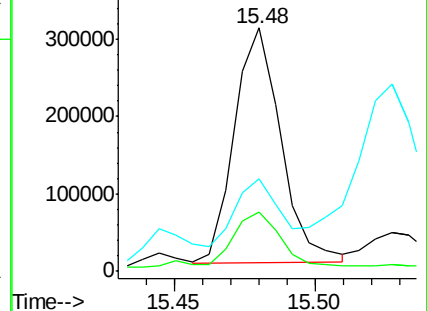
265 38.2 17.7 26.5#



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: 461.70 ng

RT: 15.07 min Scan# 2208

Delta R.T. 0.05 min

Lab File: BF119741.D

Acq: 4 Apr 2020 3:32

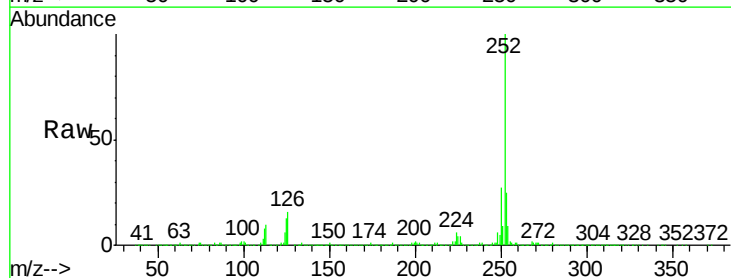
Tgt Ion:252 Resp:10789224

Ion Ratio Lower Upper

252 100

253 25.3 17.4 26.0

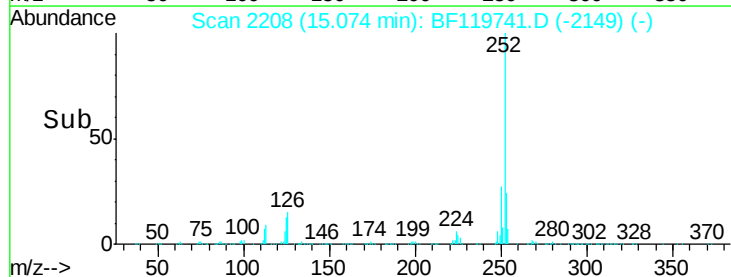
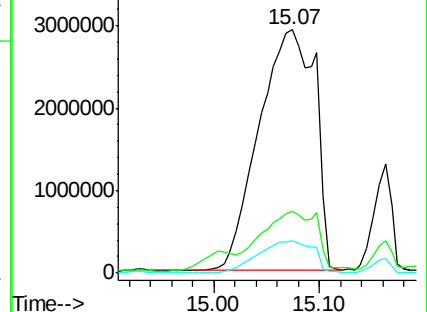
125 13.2 7.9 11.9#

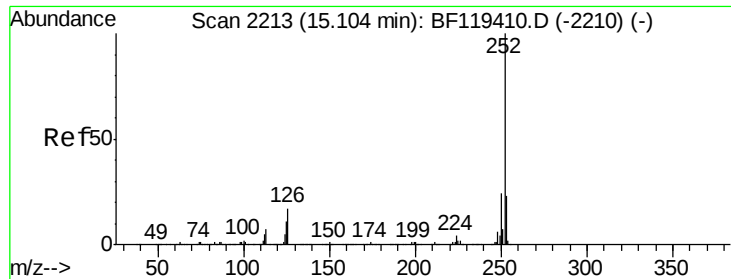


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

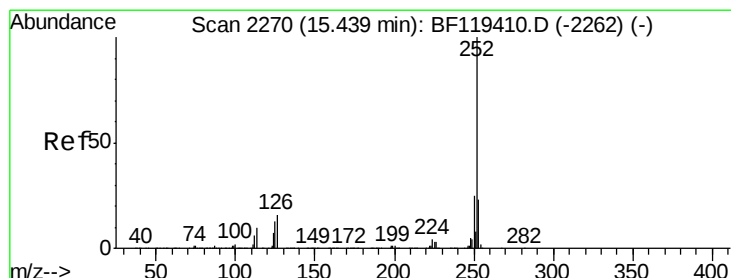
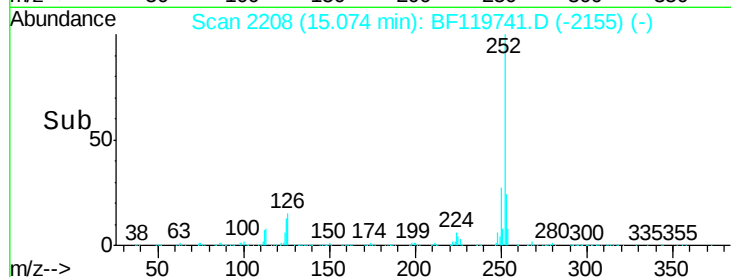
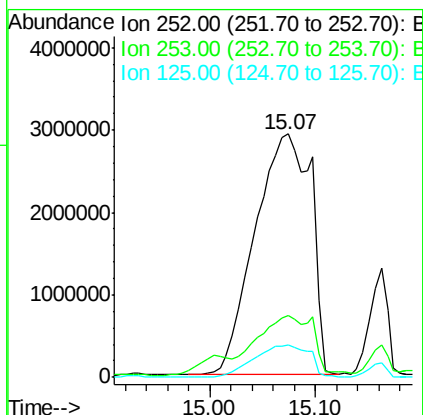
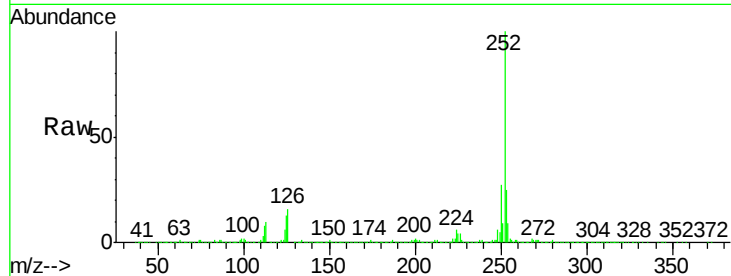




#89
Benzo(k)fluoranthene
Concen: 484.88 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.01 min
Lab File: BF119741.D
Acq: 4 Apr 2020 3:32

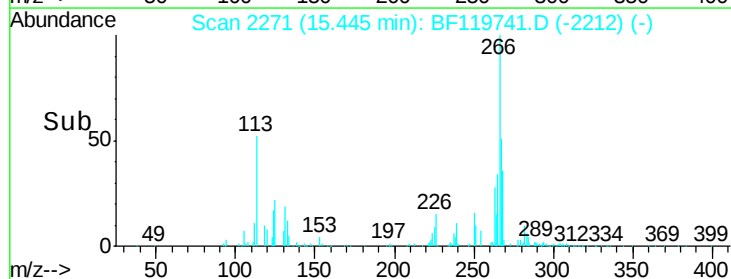
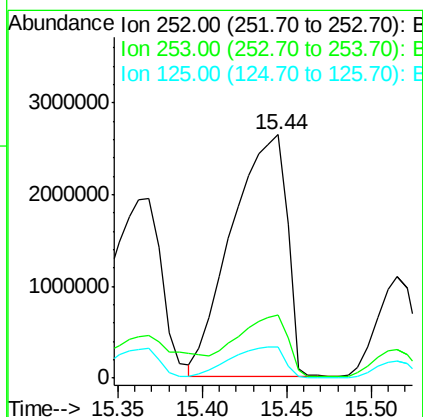
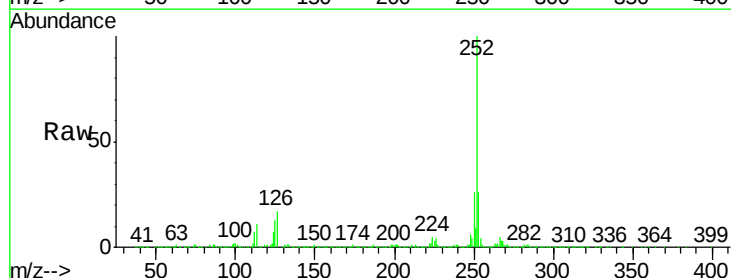
Instrument :
BNA_F
ClientSampleId :
TP-6

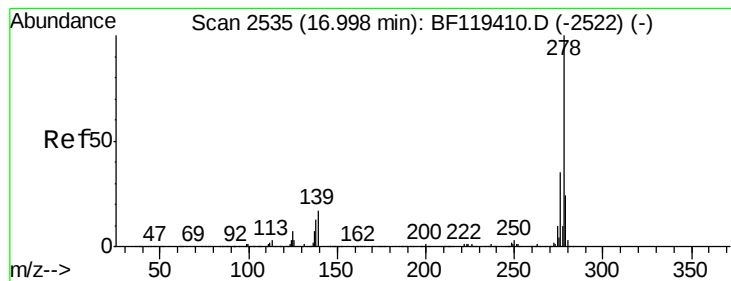
Tgt Ion:252 Resp:10789224
Ion Ratio Lower Upper
252 100
253 25.3 17.8 26.6
125 13.2 8.4 12.6#



#90
Benzo(a)pyrene
Concen: 282.20 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.05 min
Lab File: BF119741.D
Acq: 4 Apr 2020 3:32

Tgt Ion:252 Resp: 5993115
Ion Ratio Lower Upper
252 100
253 25.9 18.2 27.2
125 13.0 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 52.93 ng

RT: 17.10 min Scan# 2553

Delta R.T. 0.17 min

Lab File: BF119741.D

Acq: 4 Apr 2020 3:32

Instrument :

BNA_F

ClientSampleId :

TP-6

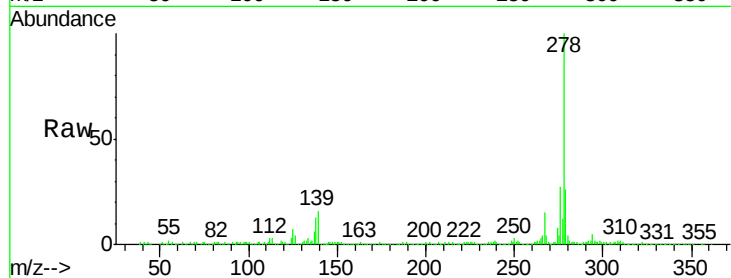
Tgt Ion:278 Resp: 983103

Ion Ratio Lower Upper

278 100

139 16.0 12.6 19.0

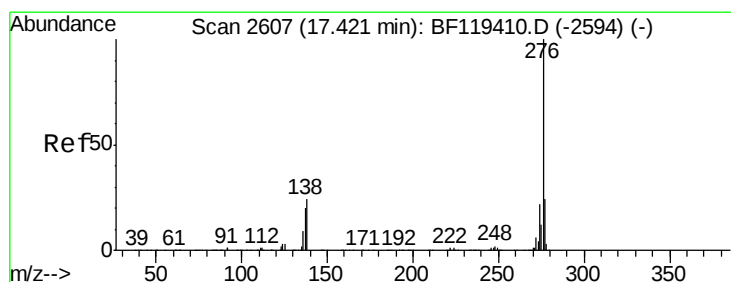
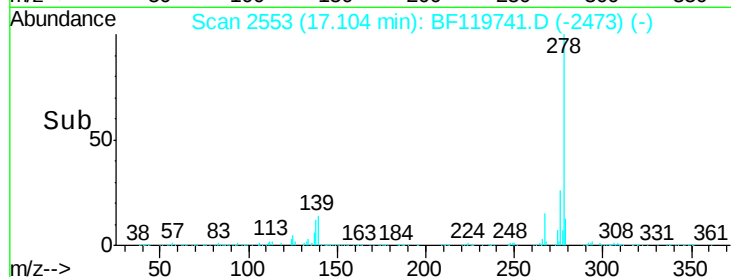
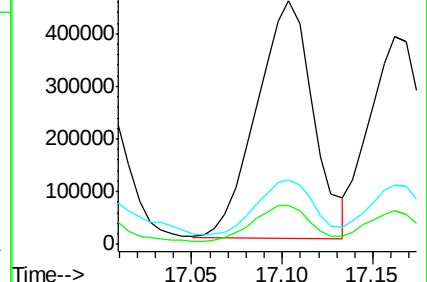
279 26.3 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 145.87 ng

RT: 17.40 min Scan# 2603

Delta R.T. 0.04 min

Lab File: BF119741.D

Acq: 4 Apr 2020 3:32

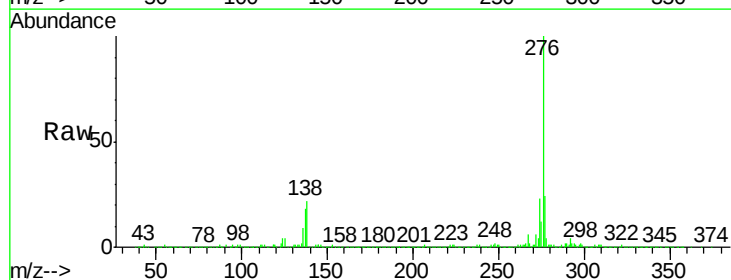
Tgt Ion:276 Resp: 2722122

Ion Ratio Lower Upper

276 100

277 24.5 18.4 27.6

138 22.0 15.4 23.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

