

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
 Data File : BF116006.D
 Acq On : 6 Aug 2019 12:02
 Operator : HP/JU
 Sample : PB121978BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121978BL

Quant Time: Aug 07 01:53:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	161215	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	632429	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	339903	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	609170	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	444241	20.00	ng	-0.02
87) Perylene-d12	15.46	264	420555	20.00	ng	-0.03

System Monitoring Compounds

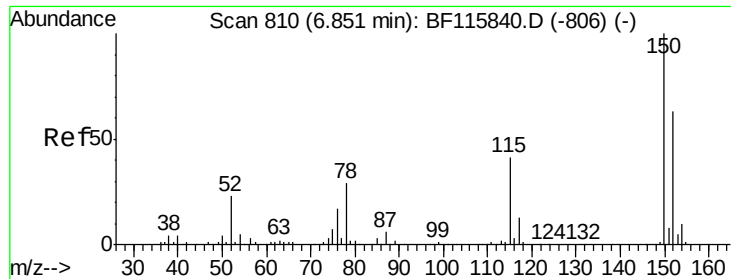
5) 2-Fluorophenol	5.48	112	1125602	116.88	ng	0.01
7) Phenol-d6	6.48	99	1456071	119.84	ng	0.00
23) Nitrobenzene-d5	7.40	82	978170	89.28	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	409847	124.37	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1709815	94.22	ng	-0.02
79) Terphenyl-d14	12.95	244	1881212	89.23	ng	-0.02

Target Compounds

						Qvalue
6) Aniline	6.62	93	1507	0.087	ng	# 1
8) 2-Chlorophenol	6.63	128	327	0.031	ng	# 1
9) Benzaldehyde	6.48	77	2138	0.255	ng	# 1
10) Phenol	6.62	94	2246	0.157	ng	# 1
11) bis(2-Chloroethyl)ether	6.62	93	1507	0.143	ng	# 1
15) Benzyl Alcohol	7.00	79	16356	1.774	ng	# 46
24) Nitrobenzene	7.40	77	2923	0.247	ng	# 33
38) 1-Methylnaphthalene	9.20	142	633	0.034	ng	# 64
46) 1,1'-Biphenyl	9.30	154	3307	0.138	ng	# 91
48) 2-Nitroaniline	9.20	65	2815	0.426	ng	# 1
52) Acenaphthene	9.87	154	958	0.054	ng	# 5
58) Fluorene	10.67	166	17183	0.859	ng	# 91
63) Azobenzene	10.67	77	1767	0.080	ng	# 12
65) 4,6-Dinitro-2-methylphenol	10.66	198	851	0.264	ng	# 1
66) n-Nitrosodiphenylamine	10.67	169	11849	0.646	ng	# 43
71) Phenanthrene	11.39	178	261	0.008	ng	# 59
72) Anthracene	11.39	178	261	0.008	ng	# 60
74) Di-n-butylphthalate	11.93	149	303	0.009	ng	# 77
75) Fluoranthene	12.59	202	127	0.004	ng	# 64
77) Benzidine	12.95	184	25509	1.700	ng	# 96
78) Pyrene	12.82	202	255	0.008	ng	# 56
81) Benzo(a)anthracene	14.00	228	1521	0.054	ng	# 64
83) Chrysene	14.03	228	576	0.021	ng	# 48
84) Bis(2-ethylhexyl)phthalate	13.97	149	316	0.017	ng	# 52
88) Benzo(b)fluoranthene	15.05	252	609	0.025	ng	# 61
89) Benzo(k)fluoranthene	15.07	252	694	0.029	ng	# 59
90) Benzo(a)pyrene	15.46	252	1152	0.053	ng	# 27

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

```
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Acq On    : 6 Aug 2019 12:02  
Operator  : HP/JU  
Sample    : PB121978BL  
Misc      :  
ALS Vial  : 7 Sample Multiplier: 1
```

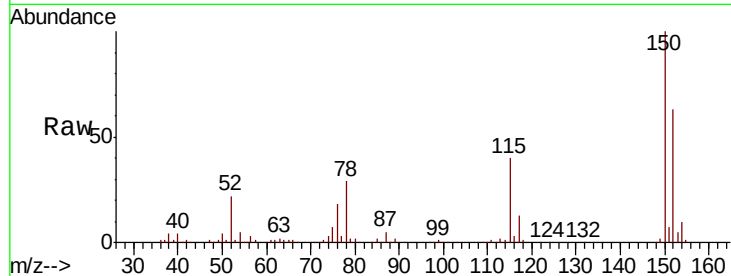


#1

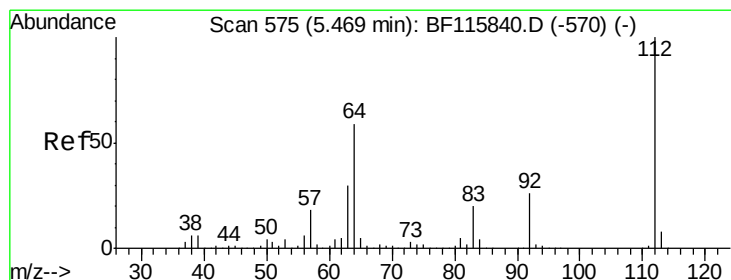
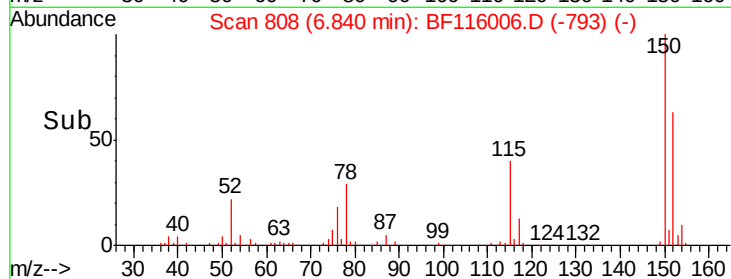
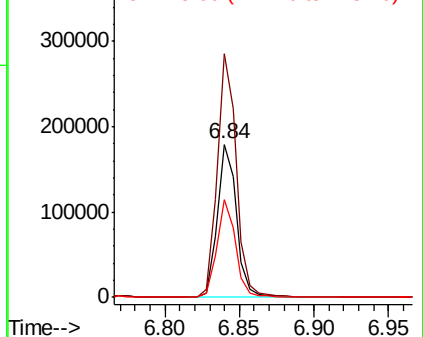
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116006.D
Acq: 6 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB121978BL

Tot Ion:152 Resp: 161215
Ion Ratio Lower Upper
152 100
150 158.9 127.4 191.0
115 63.7 51.8 77.8



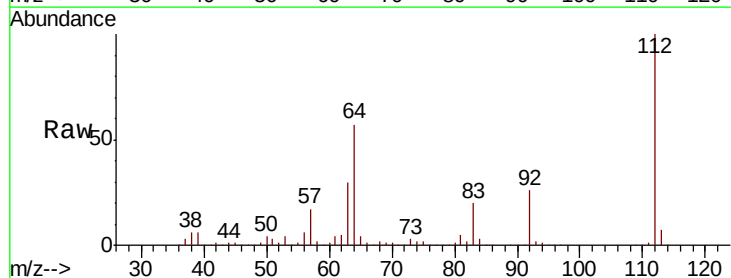
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



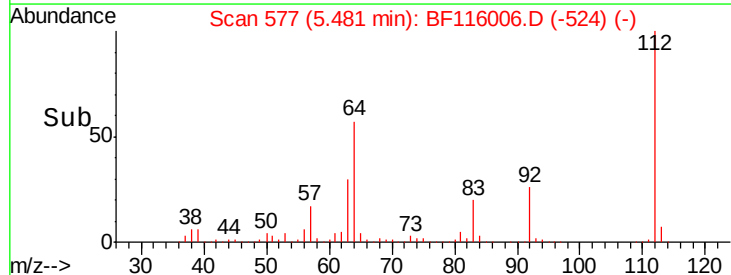
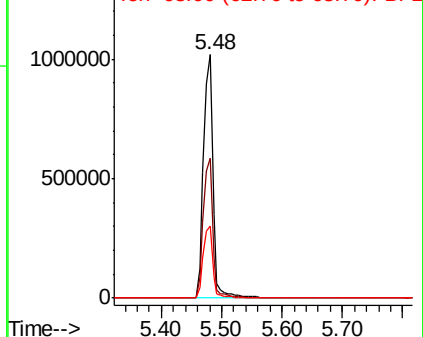
#5

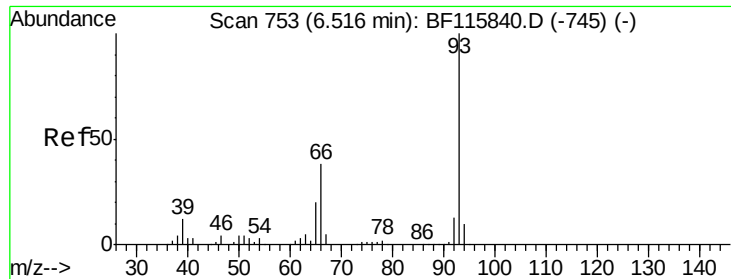
2-Fluorophenol
Concen: 116.883 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF116006.D
Acq: 6 Aug 2019 12:02

Tgt Ion:112 Resp: 1125602
Ion Ratio Lower Upper
112 100
64 57.5 46.8 70.2
63 29.5 24.2 36.2



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





#6

Aniline

Concen: 0.087 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.10 min

Lab File: BF116006.D

Acq: 6 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB121978BL

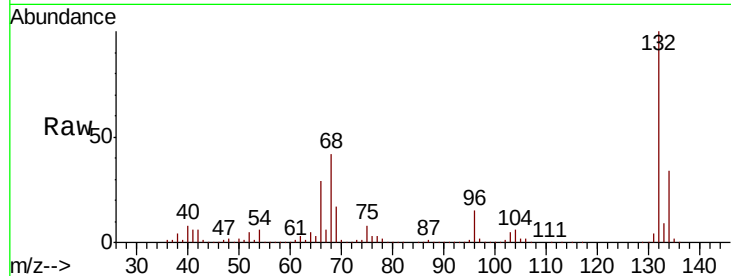
Tot Ion: 93 Resp: 1507

Ion Ratio Lower Upper

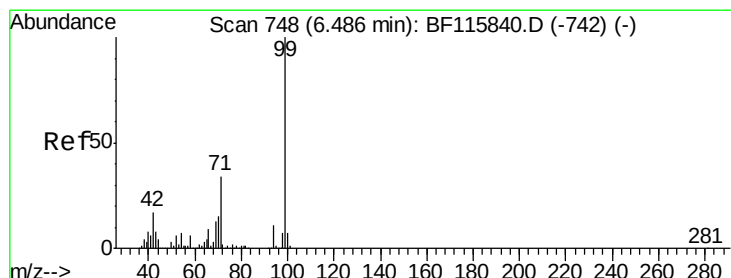
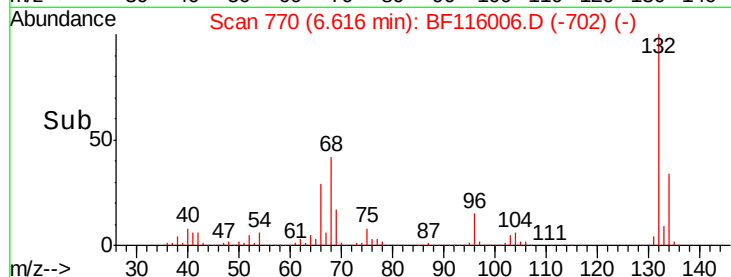
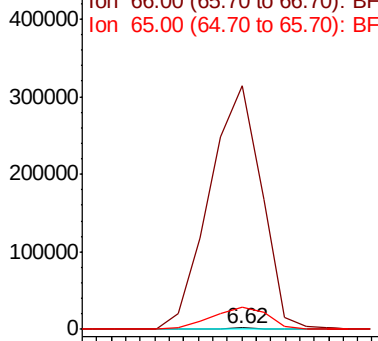
93 100

66 19611.7 31.4 47.0#

65 1815.4 16.5 24.7#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 119.840 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116006.D

Acq: 6 Aug 2019 12:02

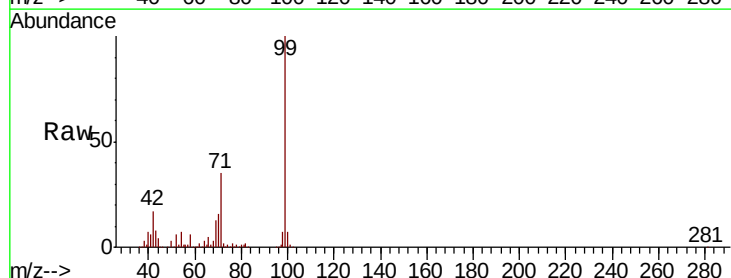
Tgt Ion: 99 Resp: 1456071

Ion Ratio Lower Upper

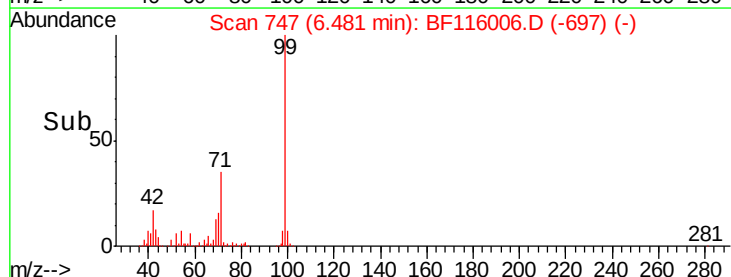
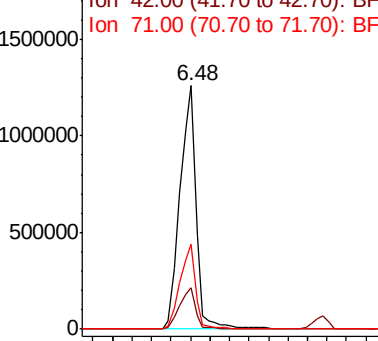
99 100

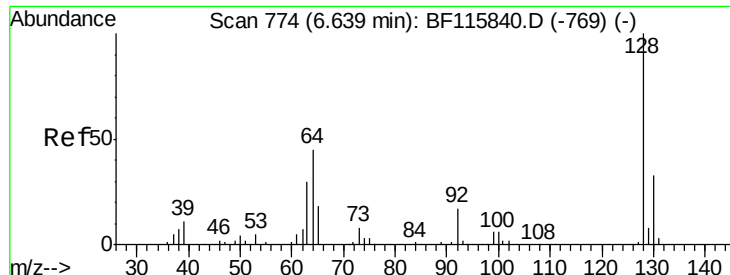
42 17.2 13.8 20.6

71 35.0 27.1 40.7



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





#8

2-Chlorophenol

Concen: 0.031 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF116006.D

Acq: 6 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB121978BL

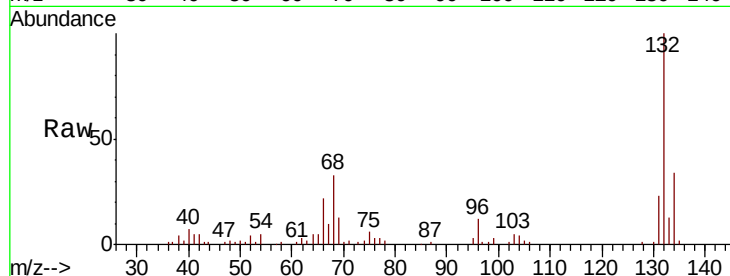
Tot Ion:128 Resp: 327

Ion Ratio Lower Upper

128 100

130 171.1 12.9 52.9#

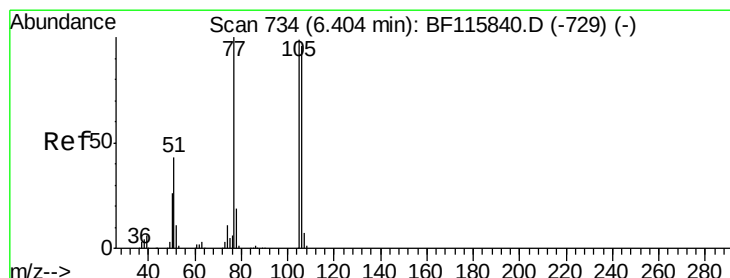
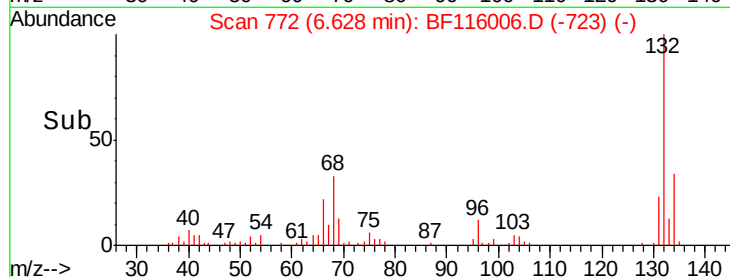
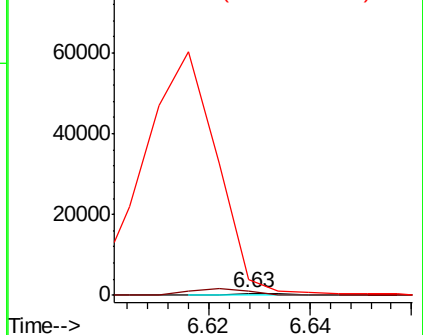
64 718.9 26.1 66.1#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



#9

Benzaldehyde

Concen: 0.255 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.08 min

Lab File: BF116006.D

Acq: 6 Aug 2019 12:02

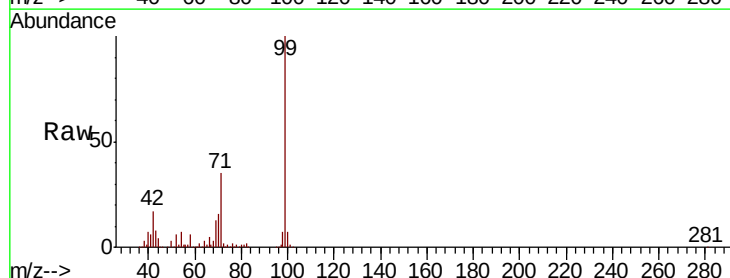
Tgt Ion: 77 Resp: 2138

Ion Ratio Lower Upper

77 100

105 0.0 79.0 119.0#

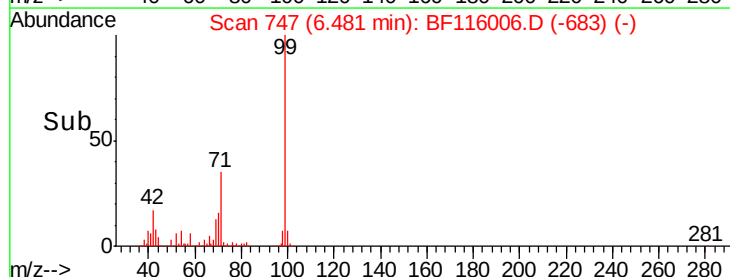
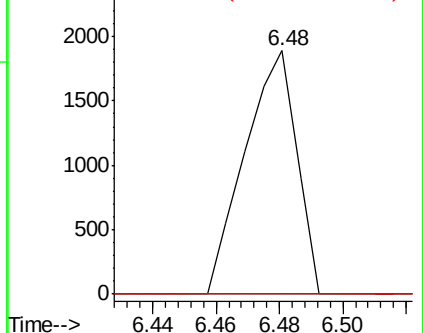
106 0.0 76.2 116.2#

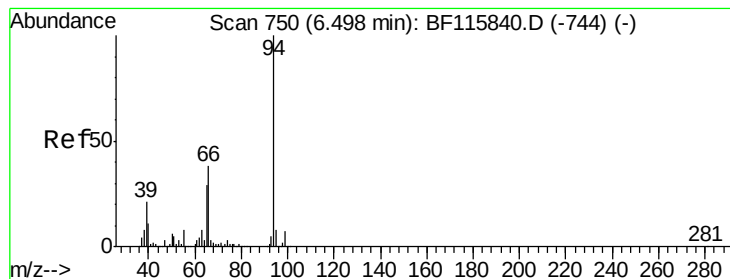


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.157 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.12 min

Lab File: BF116006.D

Acq: 6 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB121978BL

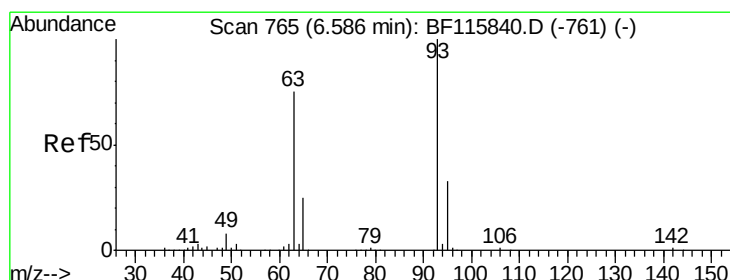
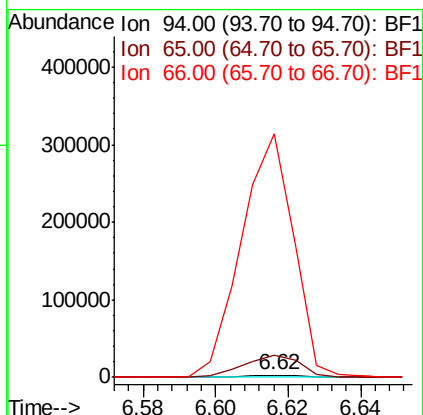
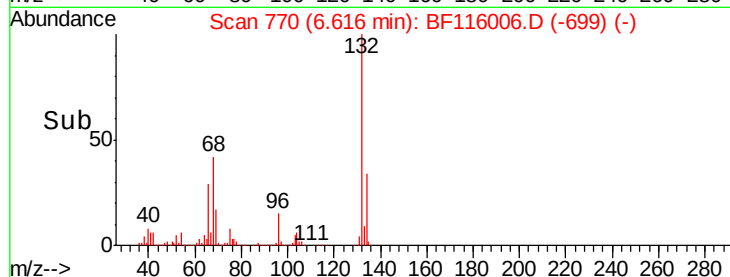
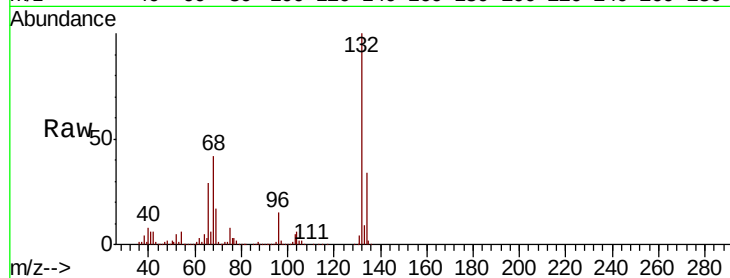
Tot Ion: 94 Resp: 2246

Ion Ratio Lower Upper

94 100

65 1227.4 8.9 48.9#

66 13259.5 18.0 58.0#



#11

bis(2-Chloroethyl)ether

Concen: 0.143 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.03 min

Lab File: BF116006.D

Acq: 6 Aug 2019 12:02

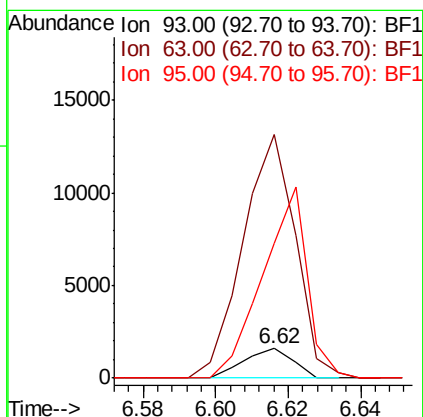
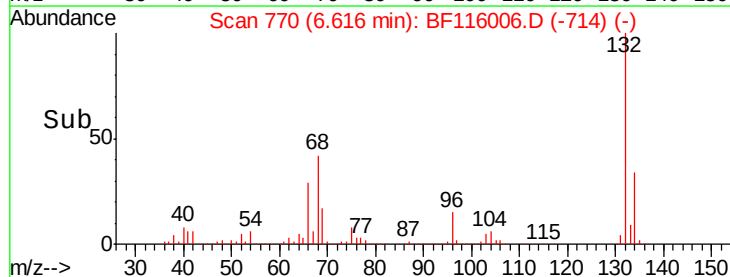
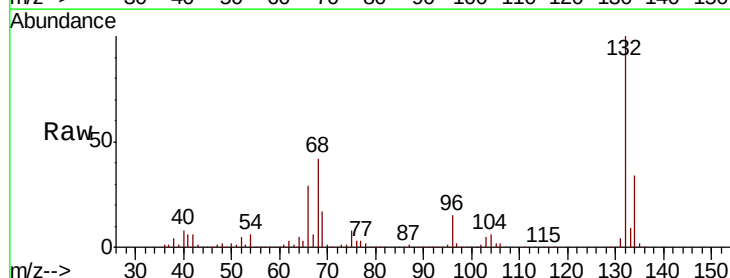
Tgt Ion: 93 Resp: 1507

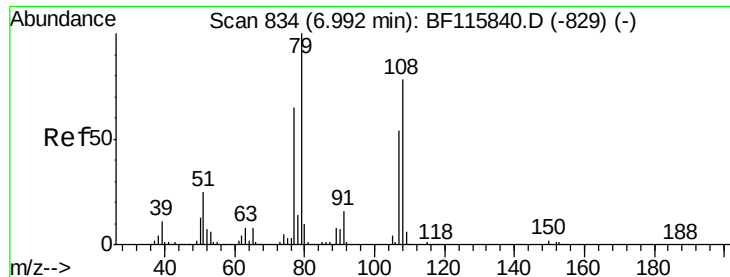
Ion Ratio Lower Upper

93 100

63 820.9 54.9 94.9#

95 454.4 13.3 53.3#





#15

Benzyl Alcohol

Concen: 1.774 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF116006.D

Acq: 6 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB121978BL

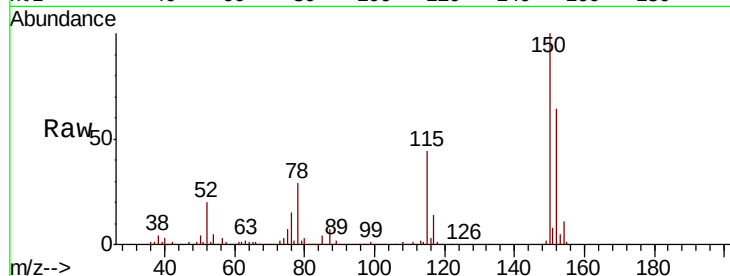
Tot Ion: 79 Resp: 16356

Ion Ratio Lower Upper

79 100

108 32.3 62.8 94.2#

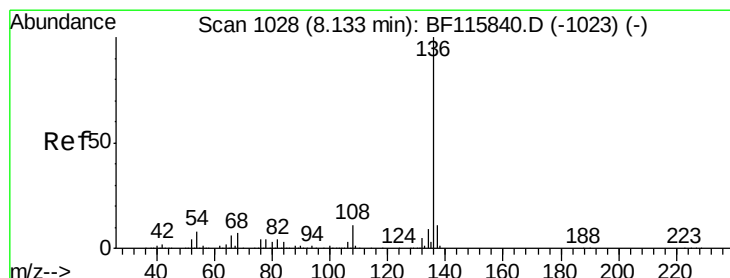
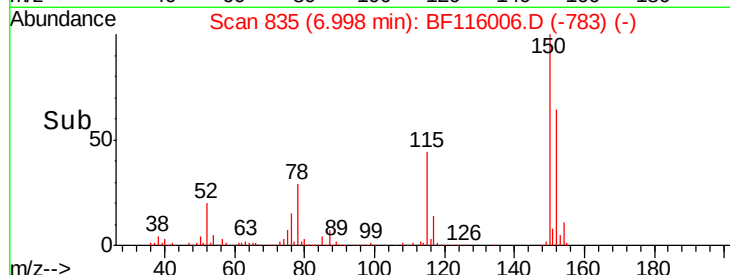
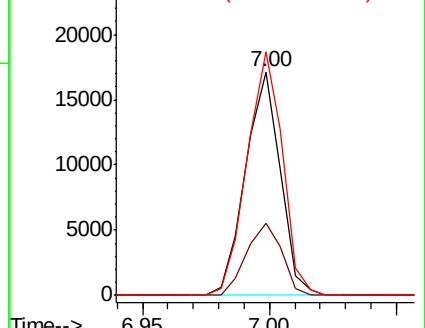
77 108.9 52.0 78.0#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF116006.D

Acq: 6 Aug 2019 12:02

Tgt Ion: 136 Resp: 632429

Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.3 6.1 9.1

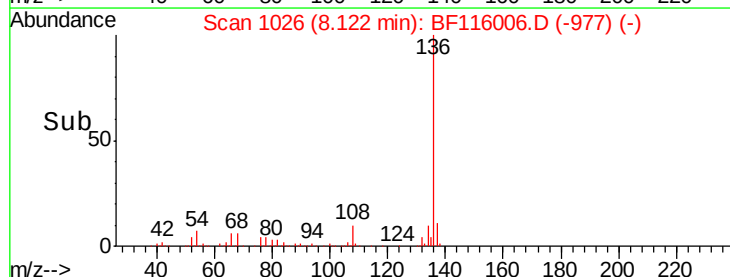
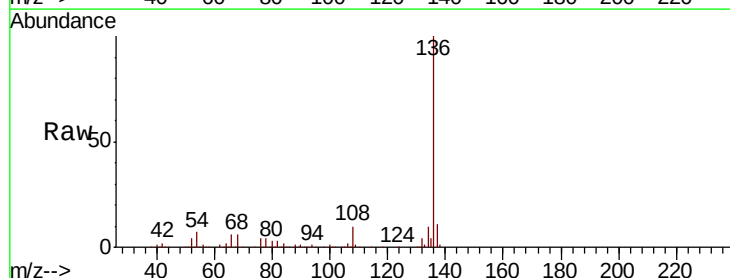
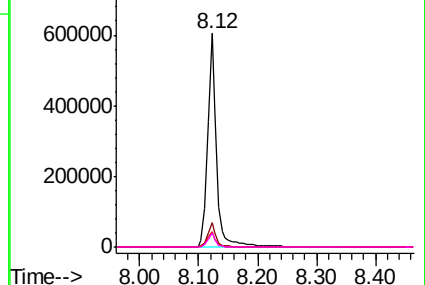
68 6.4 5.4 8.2

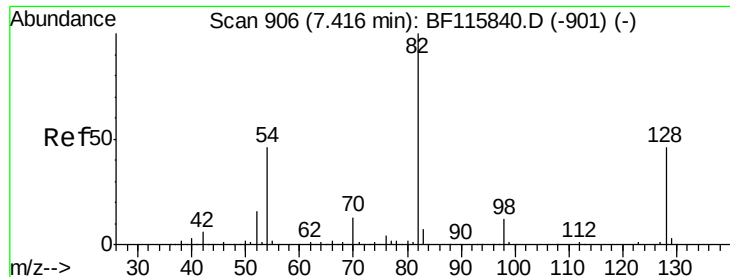
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 89.280 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116006.D

Acq: 6 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB121978BL

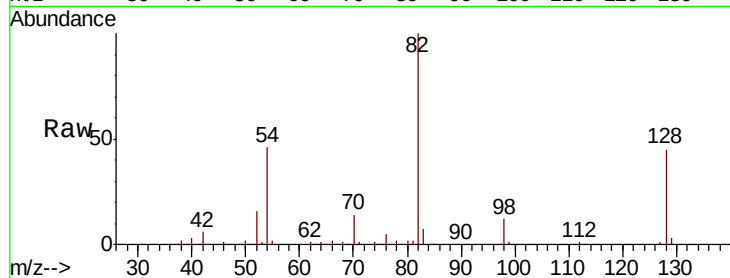
Tot Ion: 82 Resp: 978170

Ion Ratio Lower Upper

82 100

128 45.3 36.6 55.0

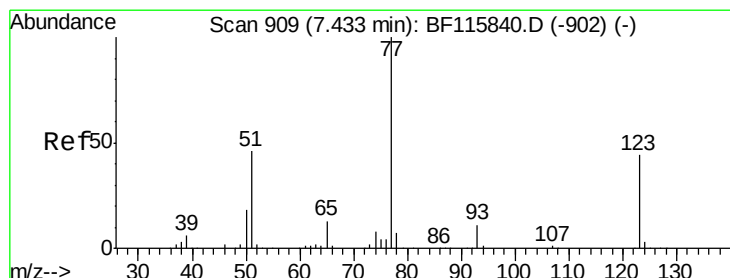
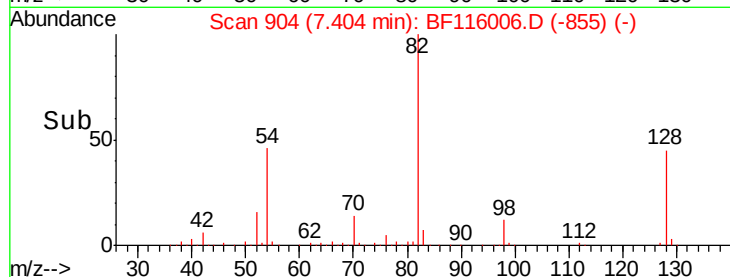
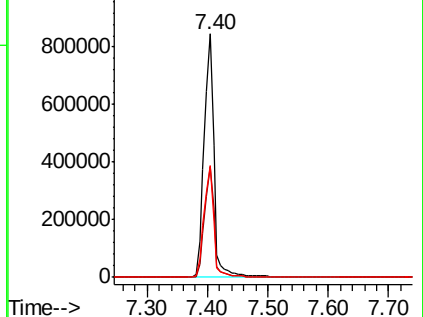
54 46.0 36.6 55.0



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



#24

Nitrobenzene

Concen: 0.247 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.03 min

Lab File: BF116006.D

Acq: 6 Aug 2019 12:02

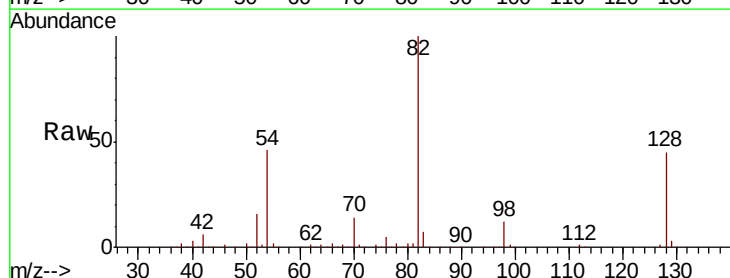
Tgt Ion: 77 Resp: 2923

Ion Ratio Lower Upper

77 100

123 0.0 35.5 53.3#

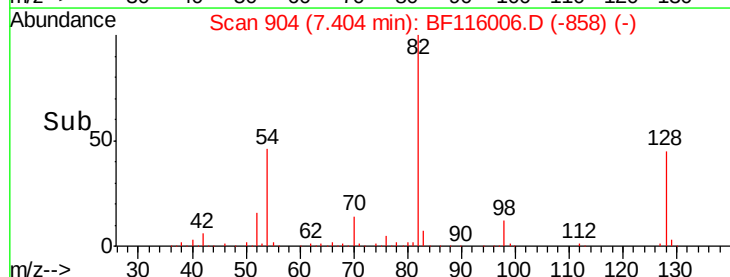
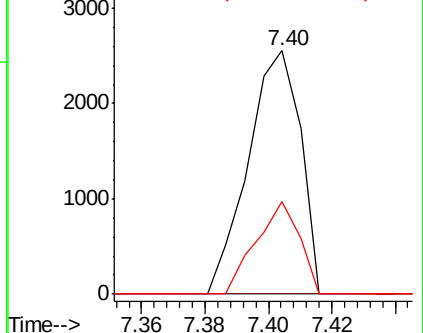
65 38.1 10.6 15.8#

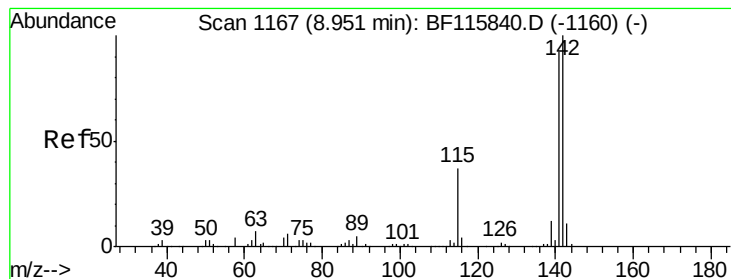


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#38

1-Methylnaphthalene

Concen: 0.034 ng

RT: 9.20 min Scan# 1209

Delta R.T. 0.25 min

Lab File: BF116006.D

Acq: 6 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB121978BL

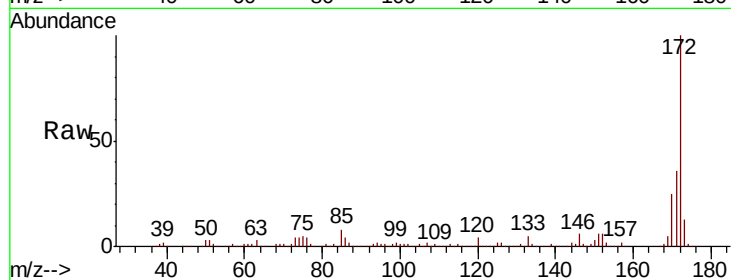
Tot Ion:142 Resp: 633

Ion Ratio Lower Upper

142 100

141 96.1 73.8 110.6

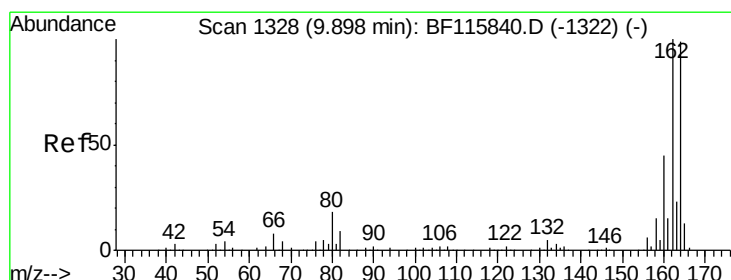
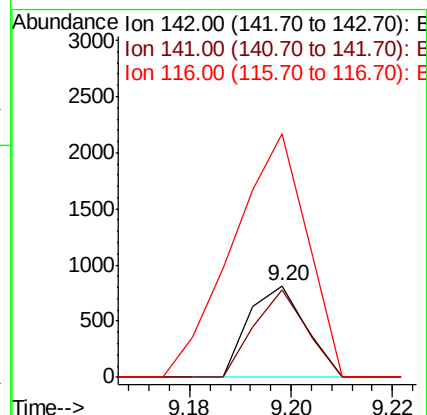
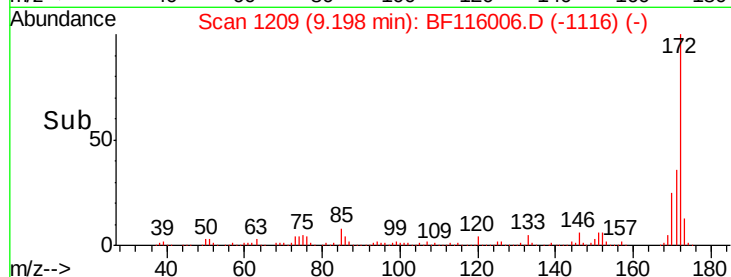
116 266.0 3.1 4.7#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF116006.D

Acq: 6 Aug 2019 12:02

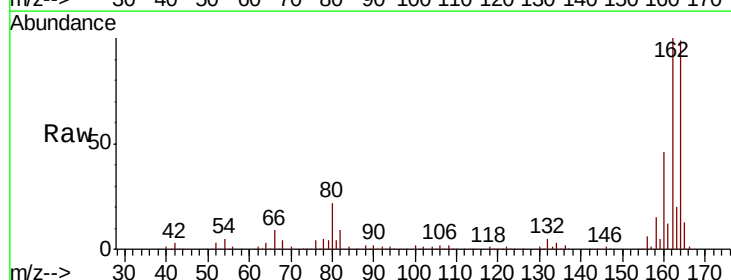
Tgt Ion:164 Resp: 339903

Ion Ratio Lower Upper

164 100

162 101.0 80.8 121.2

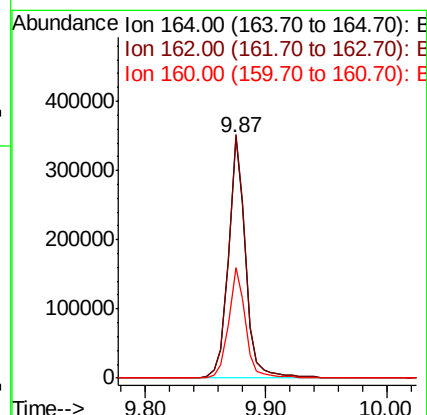
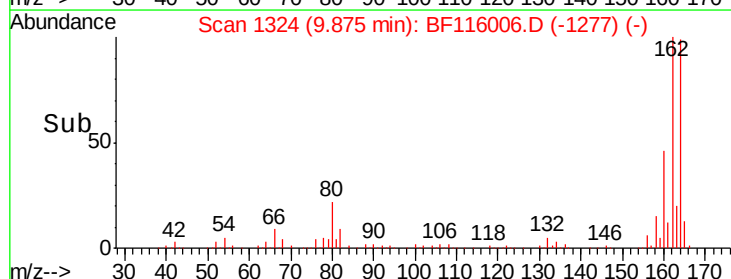
160 46.0 36.2 54.4

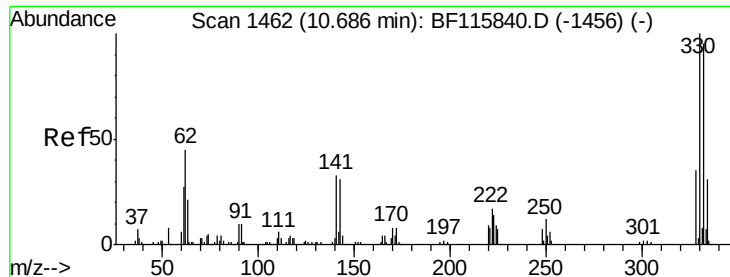


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 124.367 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BF116006.D

Acq: 6 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB121978BL

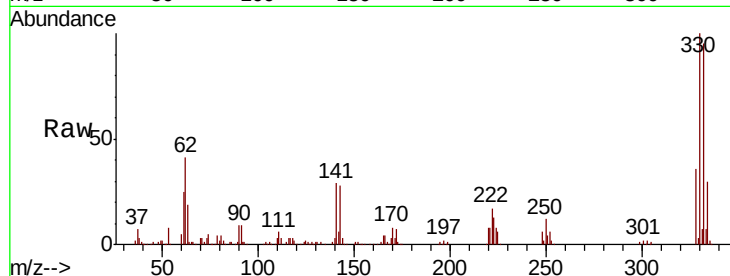
Tot Ion:330 Resp: 409847

Ion Ratio Lower Upper

330 100

332 96.1 77.7 116.5

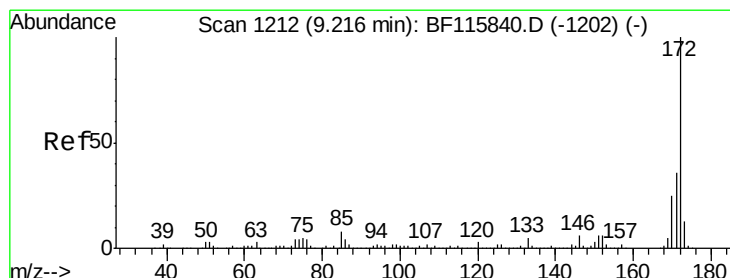
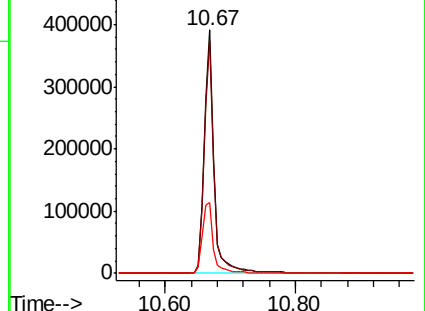
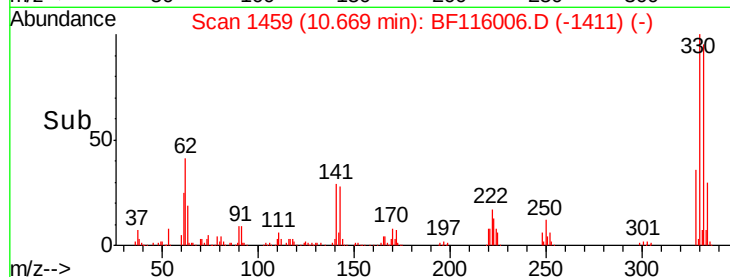
141 32.9 28.1 42.1



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: 94.221 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.02 min

Lab File: BF116006.D

Acq: 6 Aug 2019 12:02

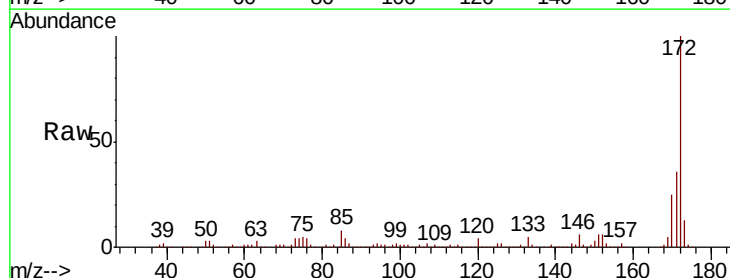
Tgt Ion:172 Resp: 1709815

Ion Ratio Lower Upper

172 100

171 36.3 29.1 43.7

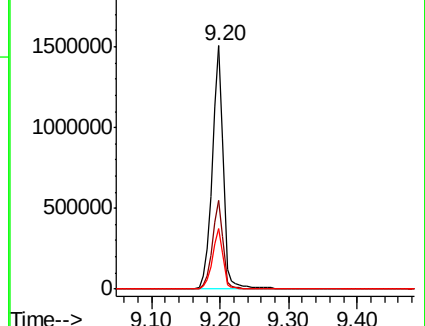
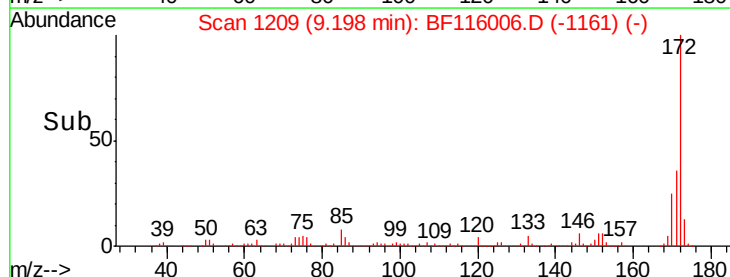
170 24.9 20.1 30.1

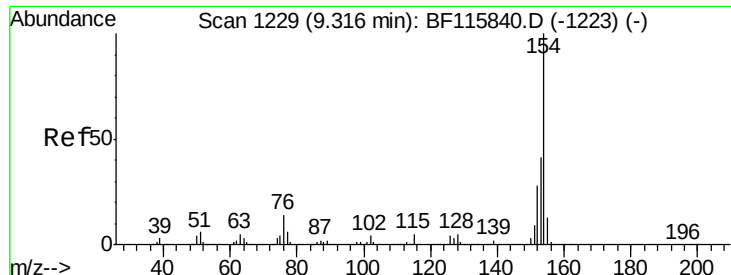


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

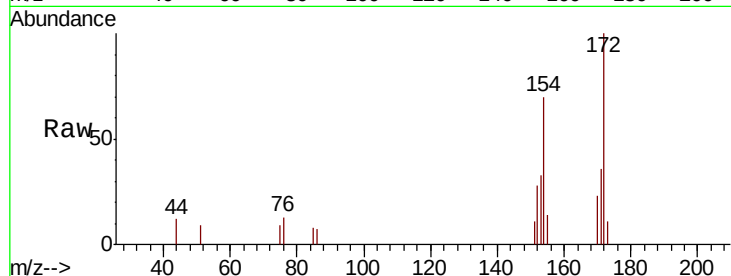




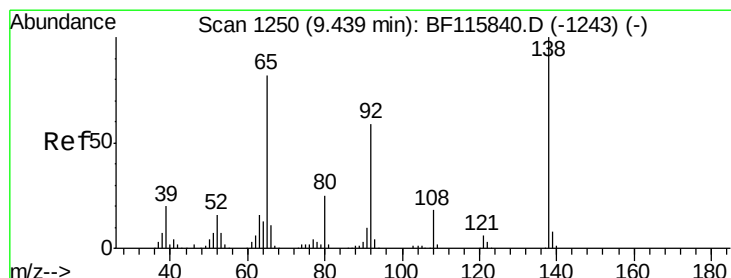
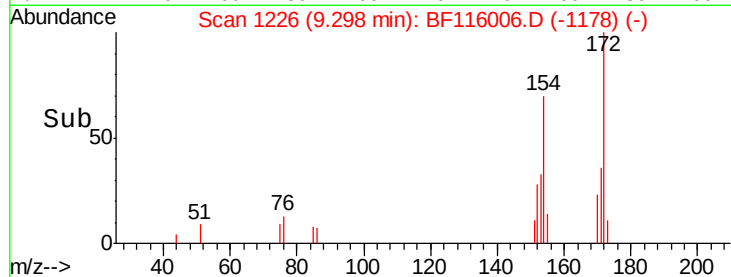
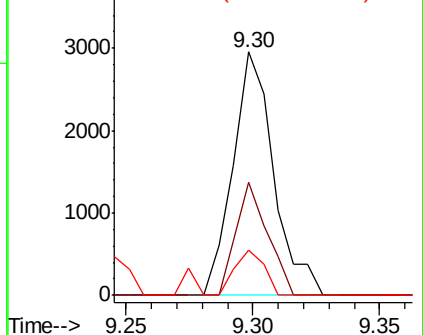
#46
 1,1'-Biphenyl
 Concen: 0.138 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.02 min
 Lab File: BF116006.D
 Acq: 6 Aug 2019 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB121978BL

Tot Ion:	154	Resp:	3307
Ion	Ratio	Lower	Upper
154	100		
153	46.4	20.9	60.9
76	18.4	0.0	34.3

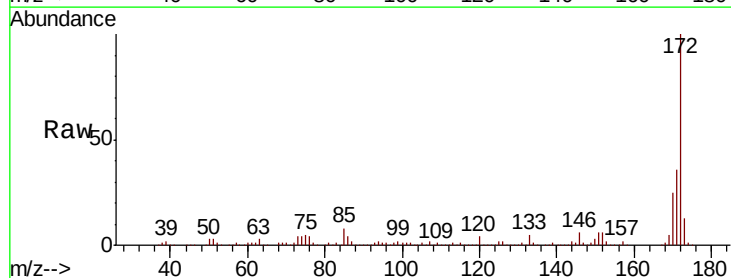


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

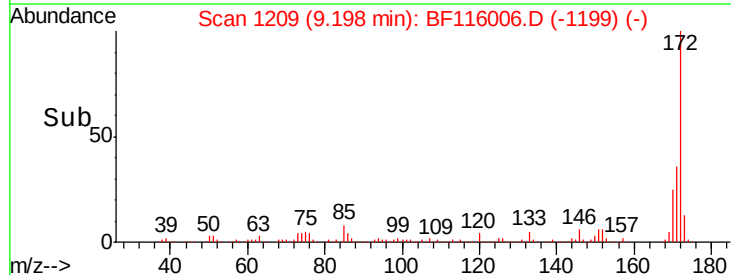
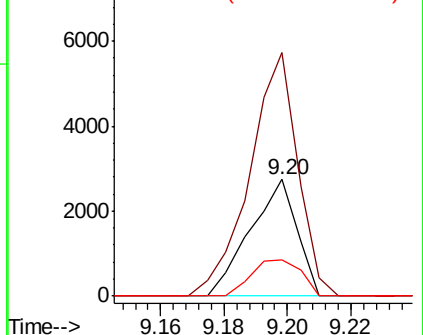


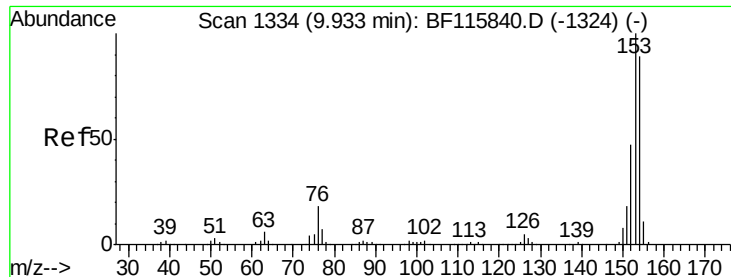
#48
 2-Nitroaniline
 Concen: 0.426 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.24 min
 Lab File: BF116006.D
 Acq: 6 Aug 2019 12:02

Tgt Ion:	65	Resp:	2815
Ion	Ratio	Lower	Upper
65	100		
92	209.2	57.1	85.7#
138	31.2	97.1	145.7#



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#52

Acenaphthene

Concen: 0.054 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.06 min

Lab File: BF116006.D

Acq: 6 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB121978BL

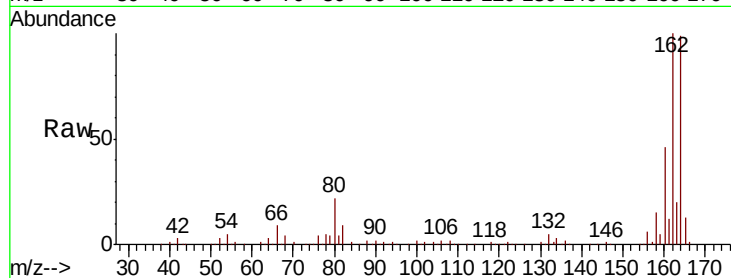
Tot Ion:154 Resp: 958

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

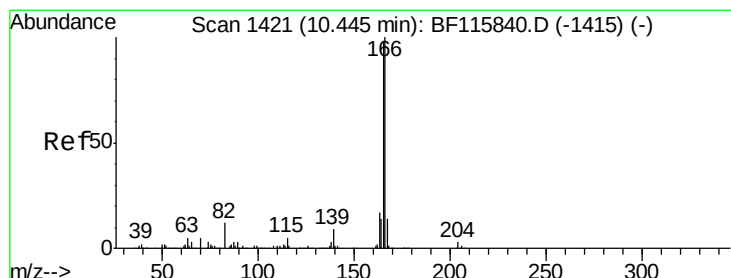
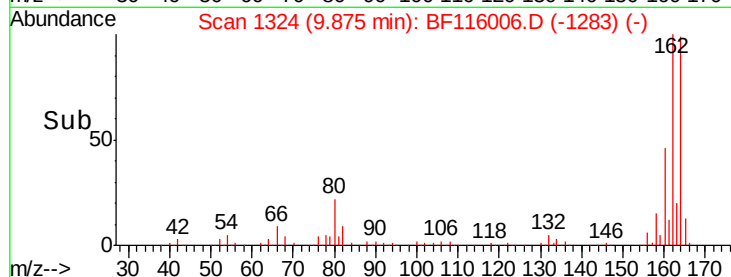
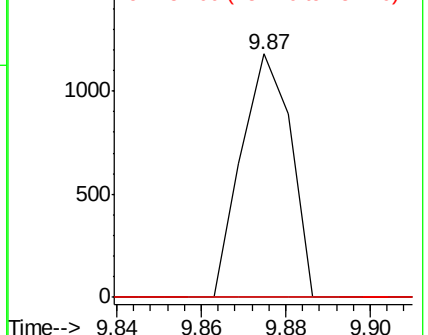
152 0.0 42.6 63.8#



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



#58

Fluorene

Concen: 0.859 ng

RT: 10.67 min Scan# 1459

Delta R.T. 0.22 min

Lab File: BF116006.D

Acq: 6 Aug 2019 12:02

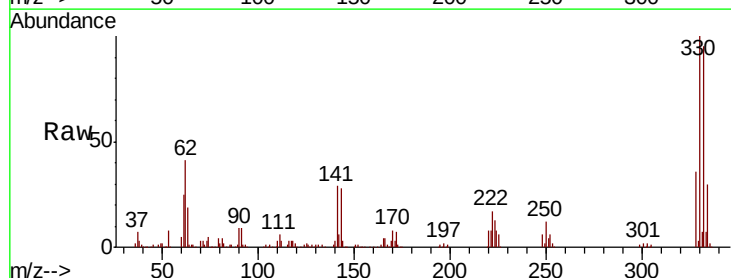
Tgt Ion:166 Resp: 17183

Ion Ratio Lower Upper

166 100

165 100.9 78.6 118.0

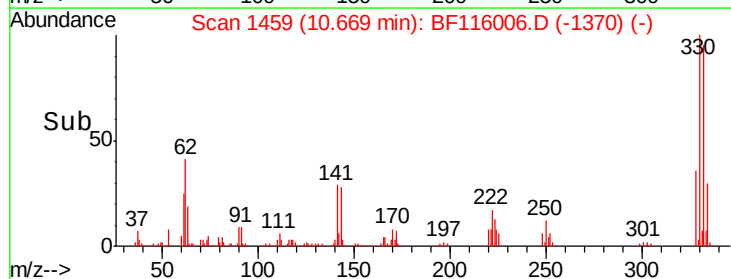
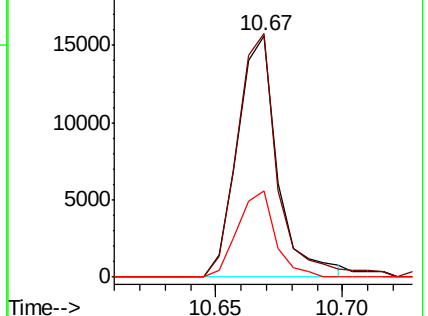
167 35.9 10.9 16.3#

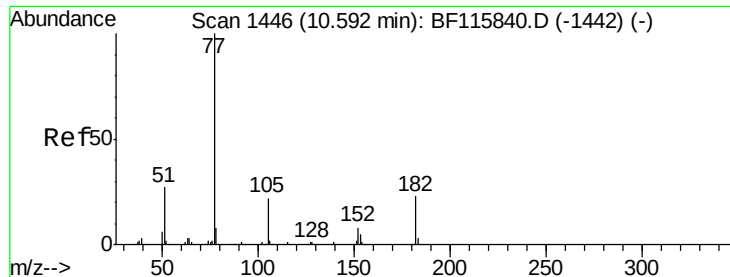


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Azobenzene

Concen: 0.080 ng

RT: 10.67 min Scan# 1459

Delta R.T. 0.08 min

Lab File: BF116006.D

Acq: 6 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB121978BL

Tot Ion: 77 Resp: 1767

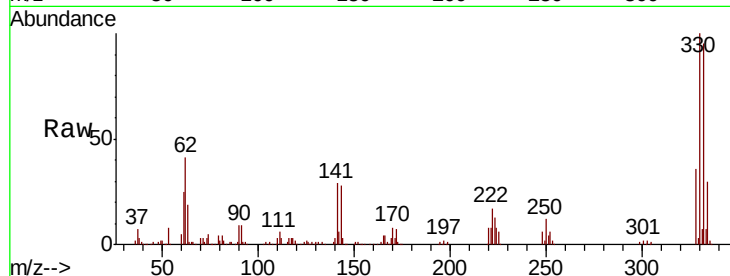
Ion Ratio Lower Upper

77 100

182 0.0 2.6 42.6#

105 85.7 1.6 41.6#

51 71.7 7.4 47.4#

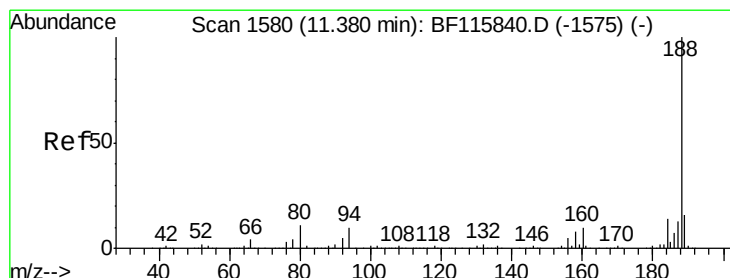
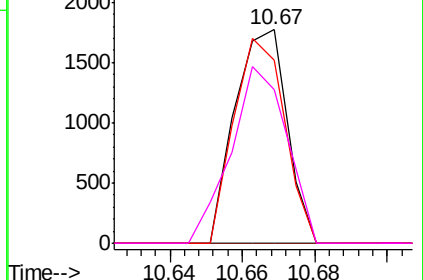
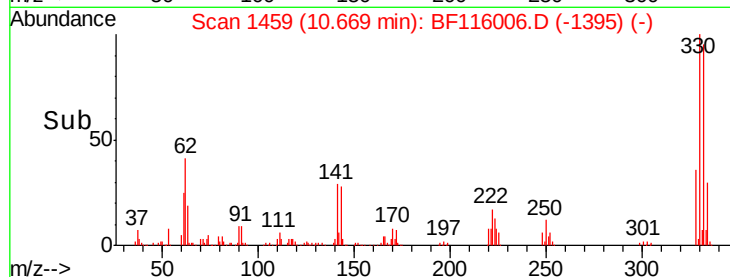


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BF116006.D

Acq: 6 Aug 2019 12:02

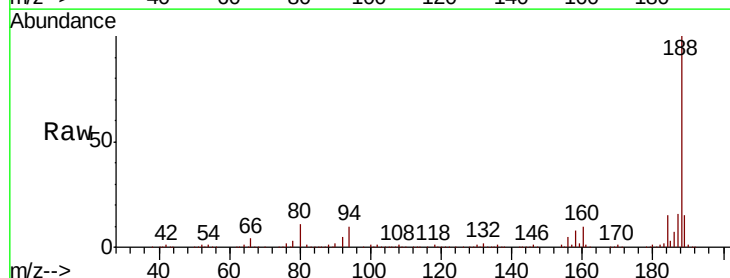
Tgt Ion: 188 Resp: 609170

Ion Ratio Lower Upper

188 100

94 9.6 8.0 12.0

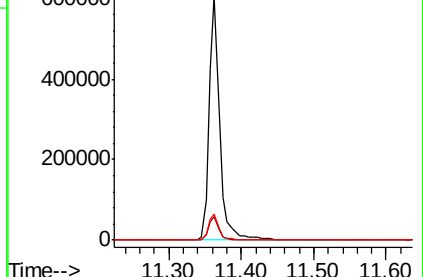
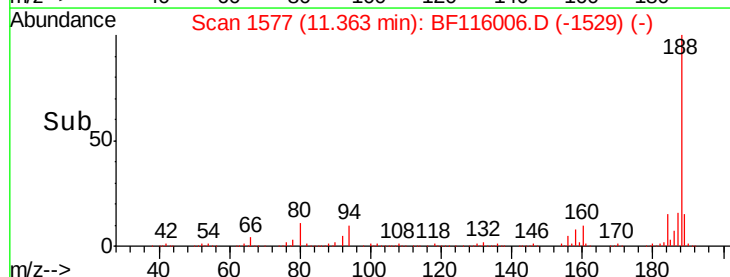
80 10.6 8.6 12.8

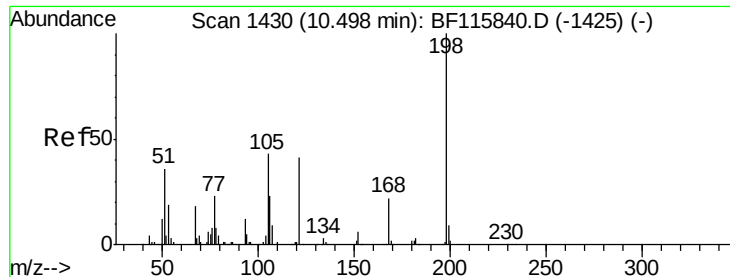


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 0.264 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.16 min

Lab File: BF116006.D

Acq: 6 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB121978BL

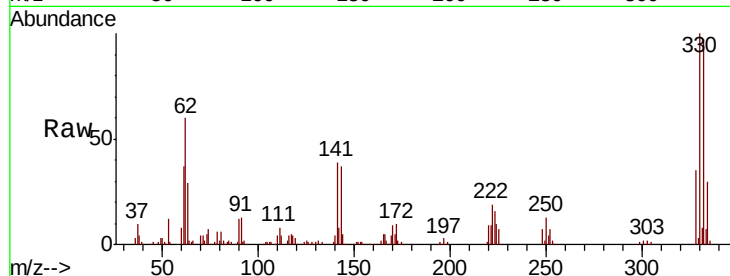
Tot Ion:198 Resp: 851

Ion Ratio Lower Upper

198 100

51 189.1 21.1 61.1#

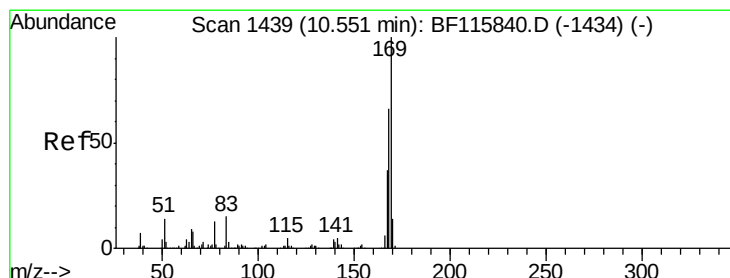
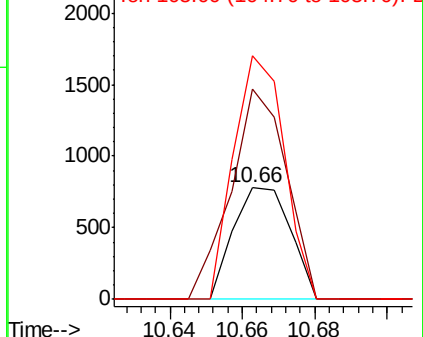
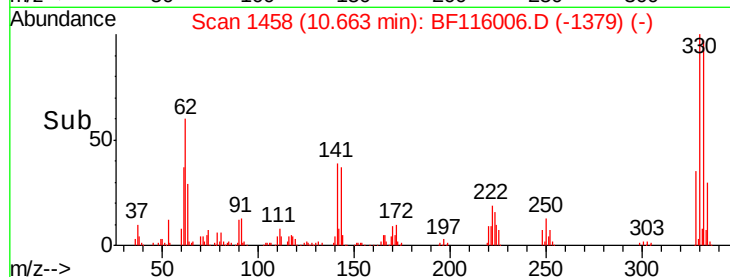
105 218.6 24.5 64.5#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 0.646 ng

RT: 10.67 min Scan# 1459

Delta R.T. 0.12 min

Lab File: BF116006.D

Acq: 6 Aug 2019 12:02

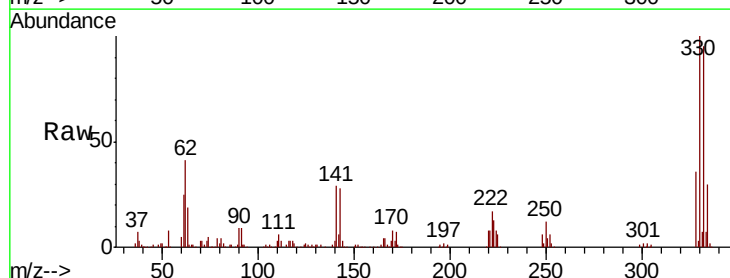
Tgt Ion:169 Resp: 11849

Ion Ratio Lower Upper

169 100

168 7.0 53.0 79.6#

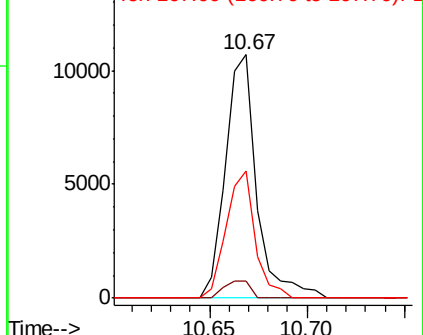
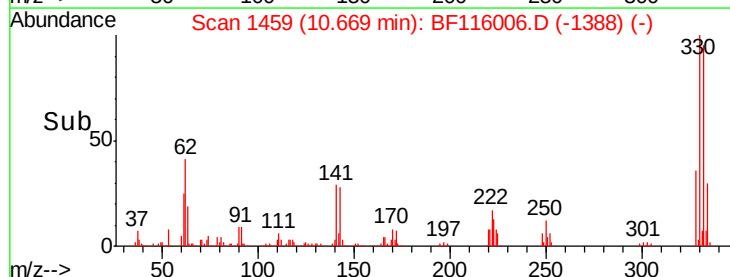
167 52.5 29.9 44.9#

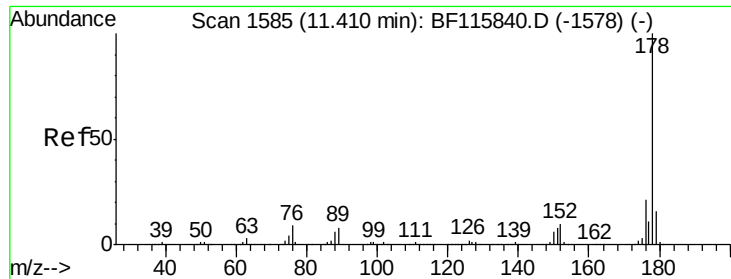


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

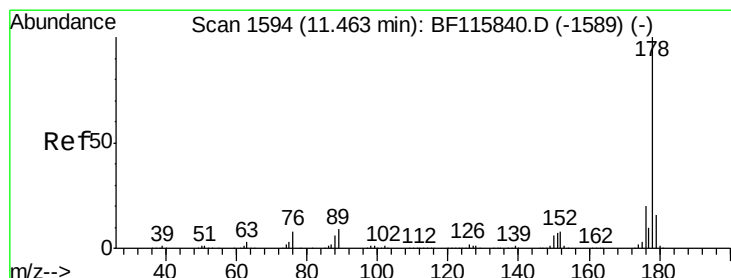
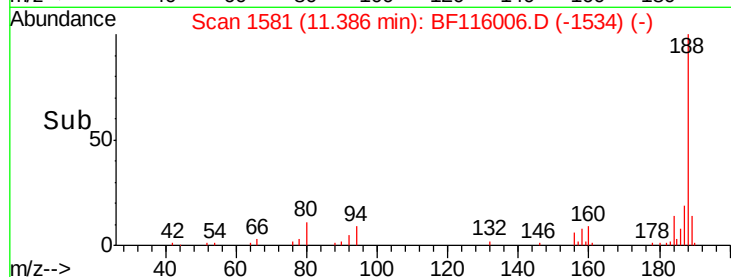
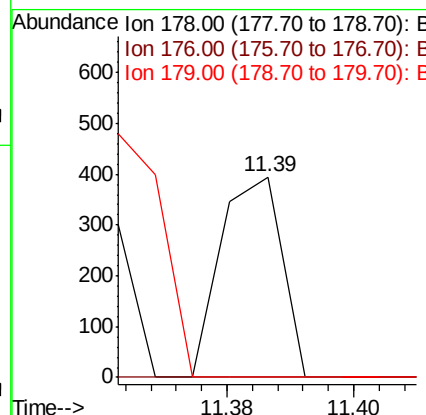
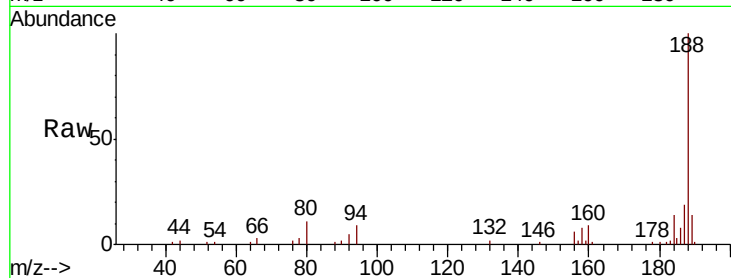




#71
Phenanthrene
Concen: 0.008 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BF116006.D
Acq: 6 Aug 2019 12:02

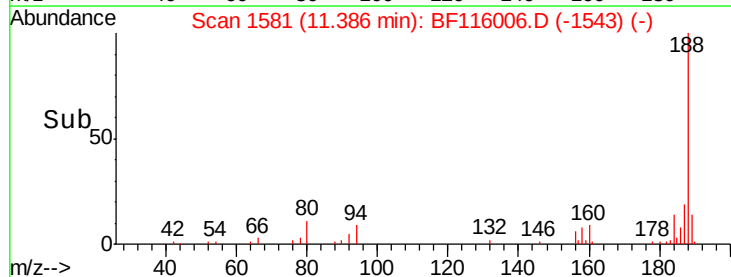
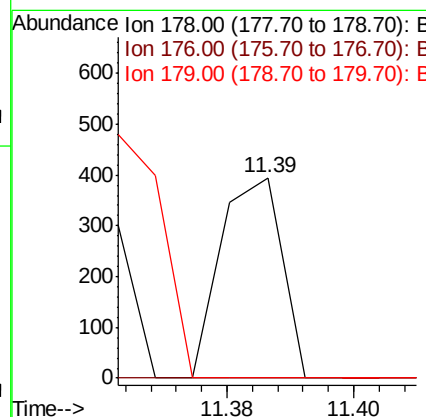
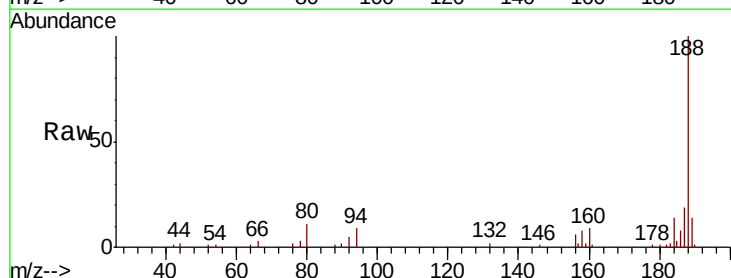
Instrument :
BNA_F
ClientSampleId :
PB121978BL

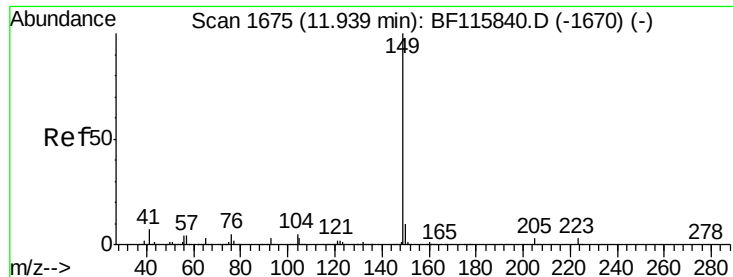
Tot Ion:178 Resp: 261
Ion Ratio Lower Upper
178 100
176 0.0 16.5 24.7#
179 0.0 12.6 18.8#



#72
Anthracene
Concen: 0.008 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.08 min
Lab File: BF116006.D
Acq: 6 Aug 2019 12:02

Tgt Ion:178 Resp: 261
Ion Ratio Lower Upper
178 100
176 0.0 15.7 23.5#
179 0.0 12.4 18.6#





#74

Di-n-butylphthalate

Concen: 0.009 ng

RT: 11.93 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BF116006.D

Acq: 6 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB121978BL

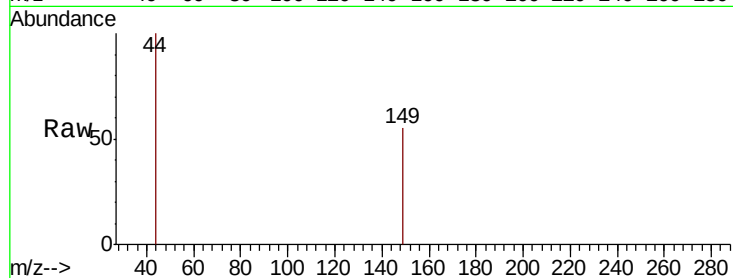
Tot Ion:149 Resp: 303

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

104 0.0 4.3 6.5#

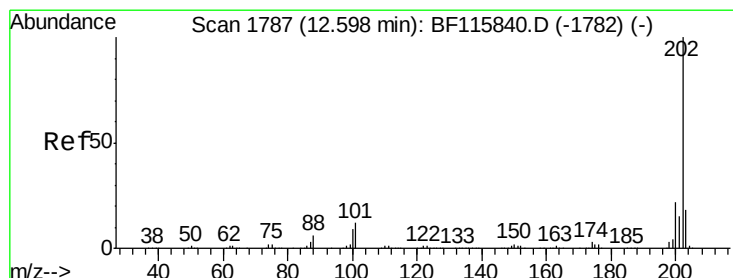
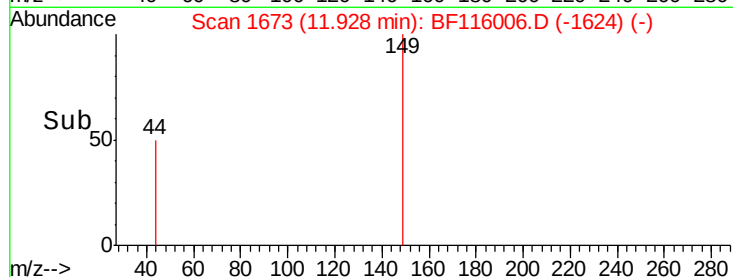
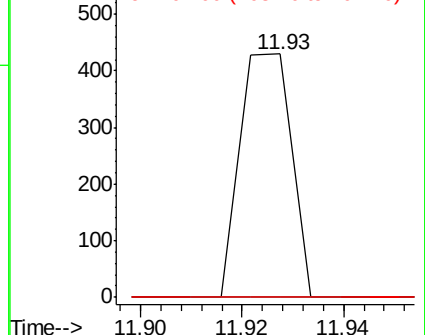


Abundance

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: 0.004 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF116006.D

Acq: 6 Aug 2019 12:02

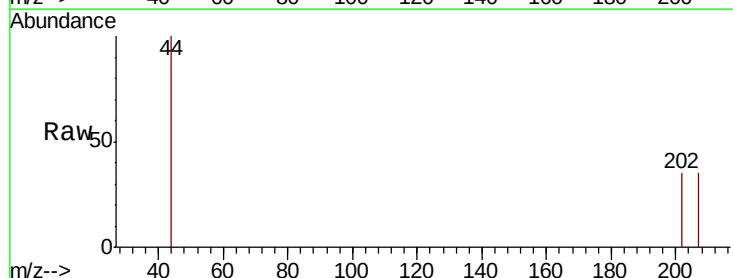
Tgt Ion:202 Resp: 127

Ion Ratio Lower Upper

202 100

101 0.0 0.0 31.5

203 0.0 0.0 37.9

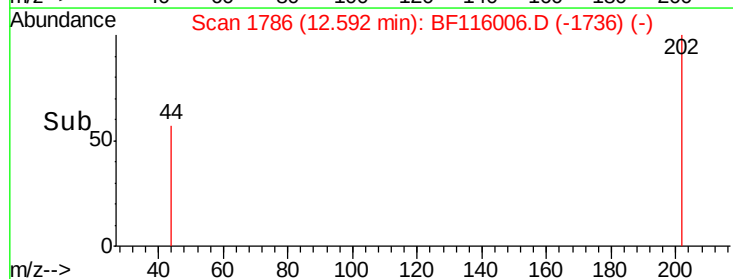
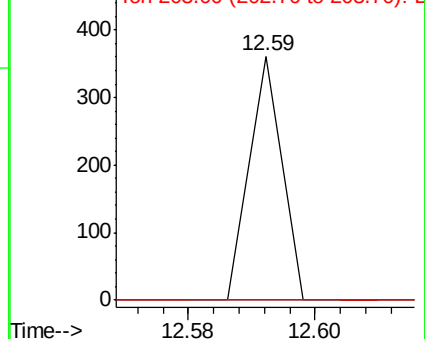


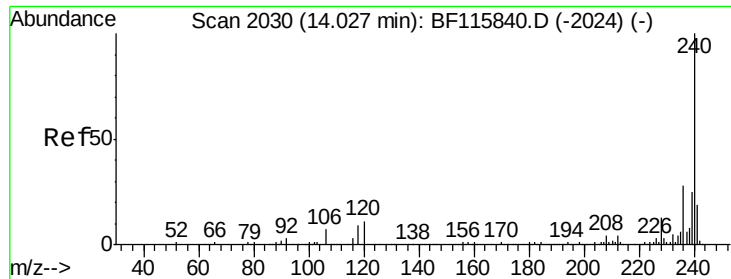
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

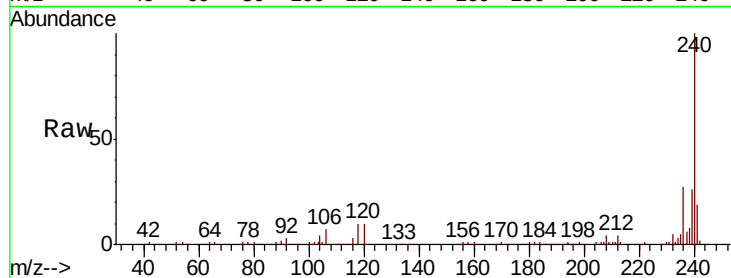




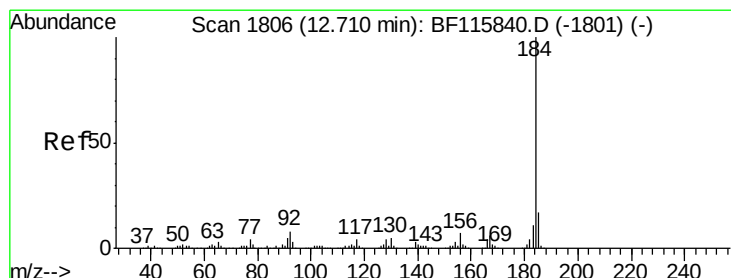
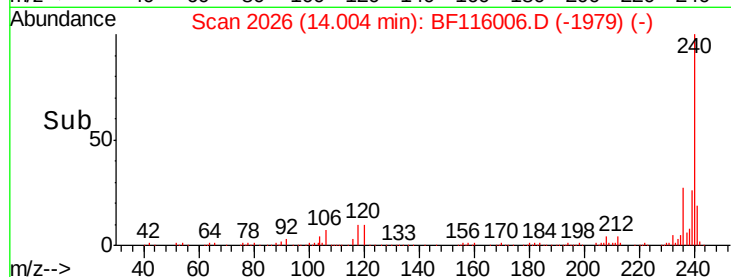
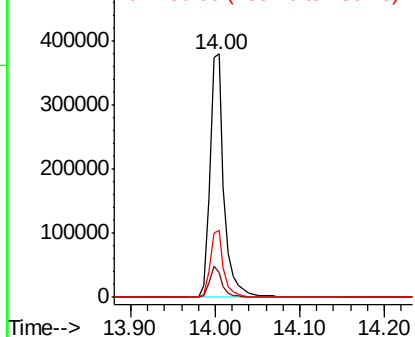
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BF116006.D
 Acq: 6 Aug 2019 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB121978BL

Tot Ion:240 Resp: 444241
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.5 12.7
 236 27.3 22.2 33.2

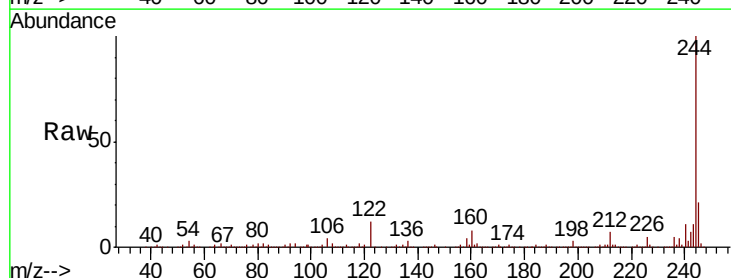


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

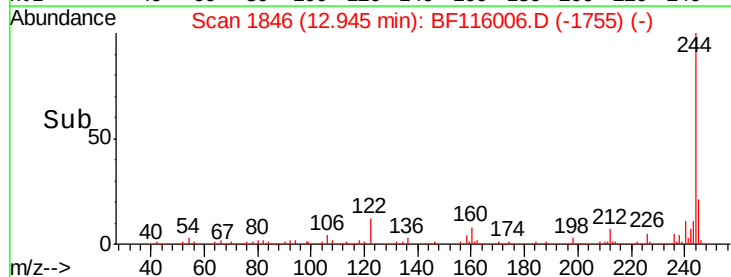
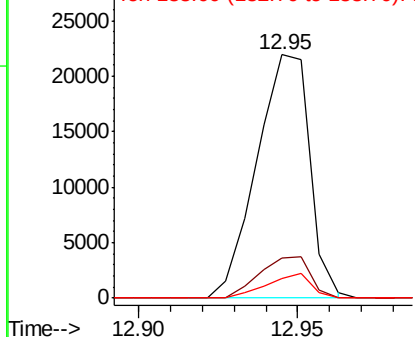


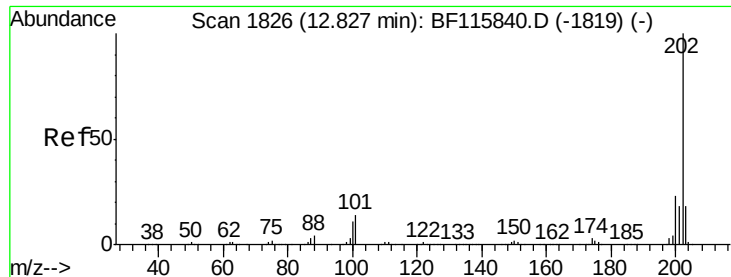
#77
 Benzidine
 Concen: 1.700 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. 0.24 min
 Lab File: BF116006.D
 Acq: 6 Aug 2019 12:02

Tgt Ion:184 Resp: 25509
 Ion Ratio Lower Upper
 184 100
 185 16.7 13.4 20.2
 183 8.1 9.1 13.7#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 185.00 (184.70 to 185.70): E
 Ion 183.00 (182.70 to 183.70): E

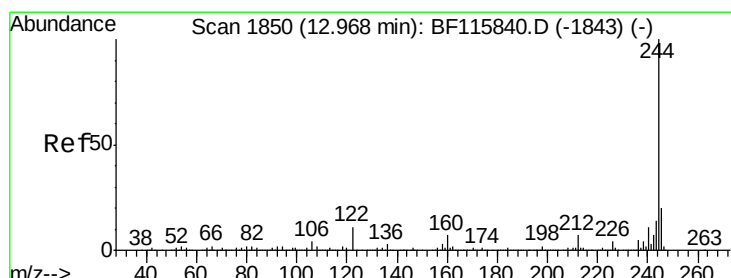
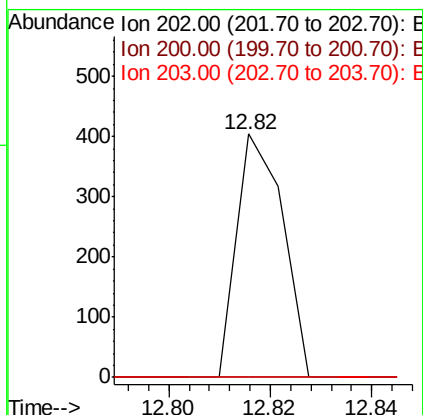
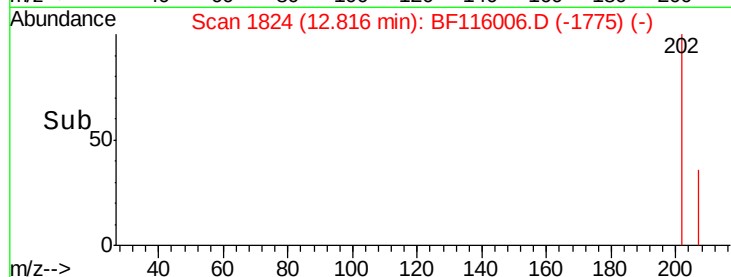
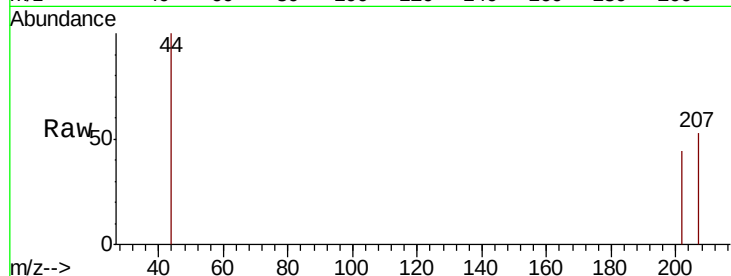




#78
Pvrene
Concen: 0.008 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF116006.D
Acq: 6 Aug 2019 12:02

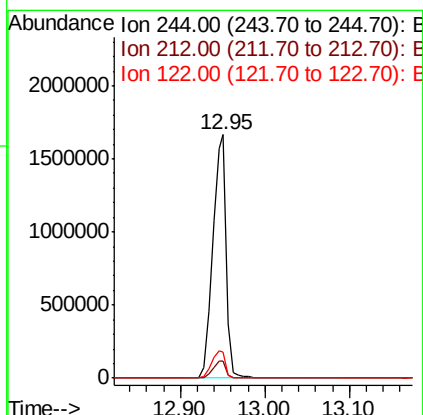
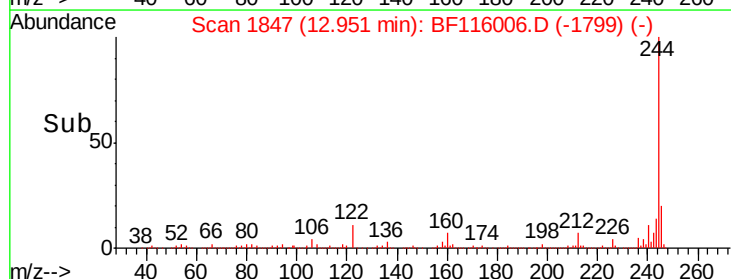
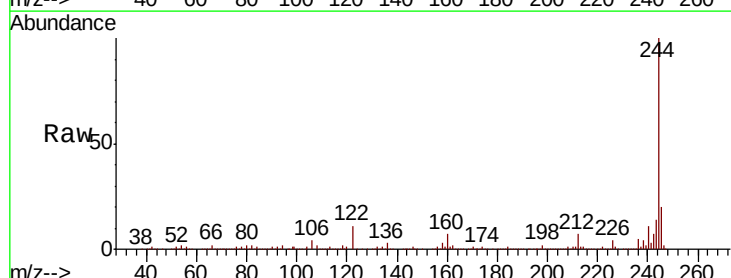
Instrument :
BNA_F
ClientSampleId :
PB121978BL

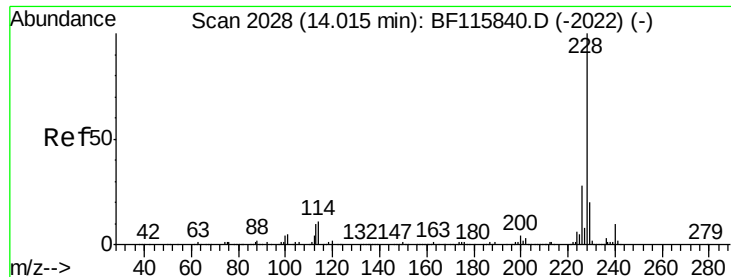
Tot Ion: 202 Resp: 255
Ion Ratio Lower Upper
202 100
200 0.0 18.2 27.2#
203 0.0 14.3 21.5#



#79
Terphenyl-d14
Concen: 89.231 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF116006.D
Acq: 6 Aug 2019 12:02

Tgt Ion: 244 Resp: 1881212
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 10.5 8.6 13.0





#81

Benzo(a)anthracene

Concen: 0.054 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF116006.D

Acq: 6 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB121978BL

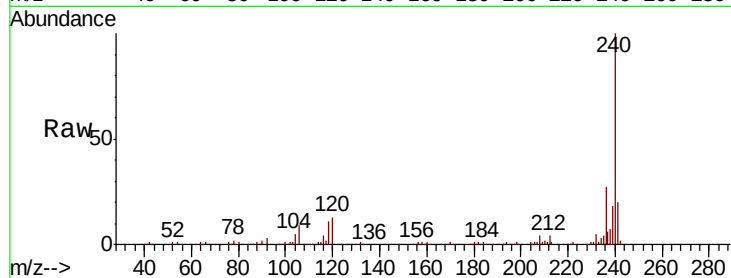
Tot Ion:228 Resp: 1521

Ion Ratio Lower Upper

228 100

226 0.0 22.5 33.7#

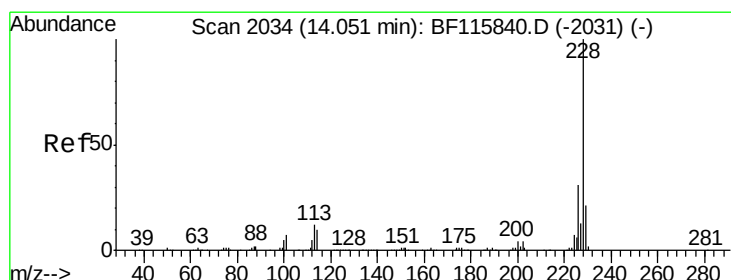
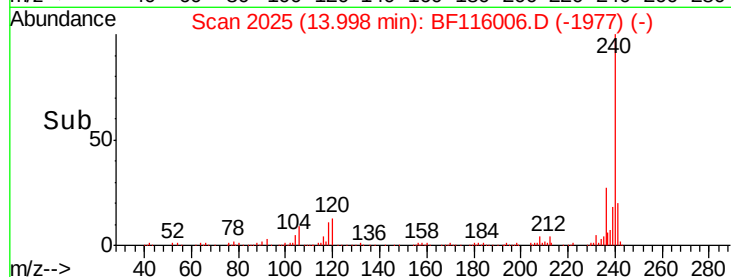
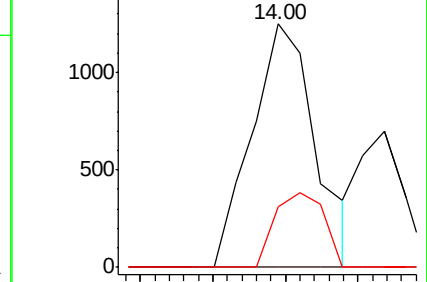
229 25.0 16.1 24.1#



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: 0.021 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BF116006.D

Acq: 6 Aug 2019 12:02

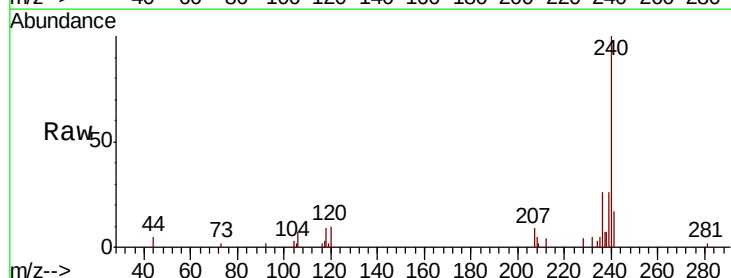
Tgt Ion:228 Resp: 576

Ion Ratio Lower Upper

228 100

226 0.0 24.8 37.2#

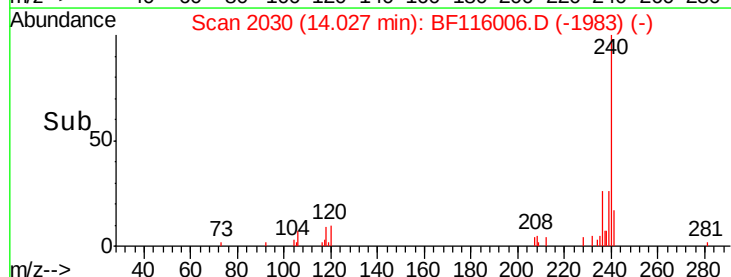
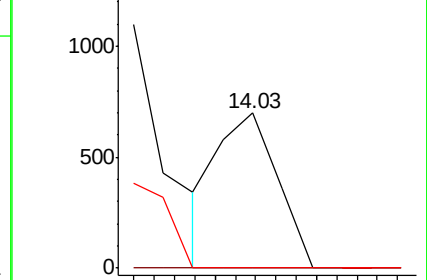
229 0.0 16.4 24.6#

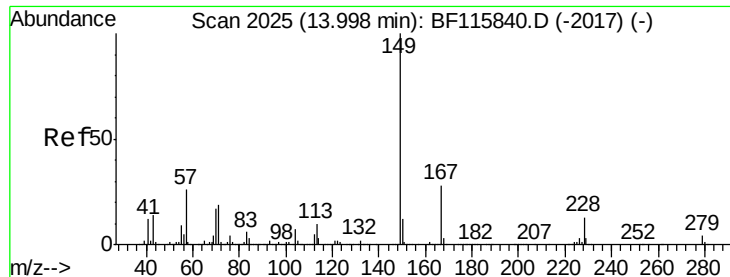


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.017 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BF116006.D

Acq: 6 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB121978BL

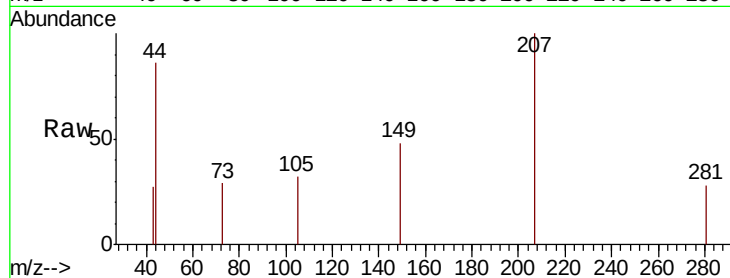
Tot Ion:149 Resp: 316

Ion Ratio Lower Upper

149 100

167 0.0 22.4 33.6#

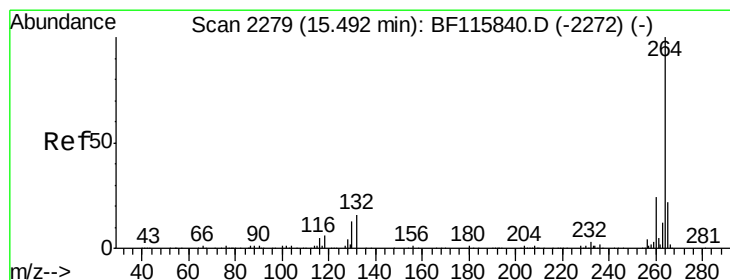
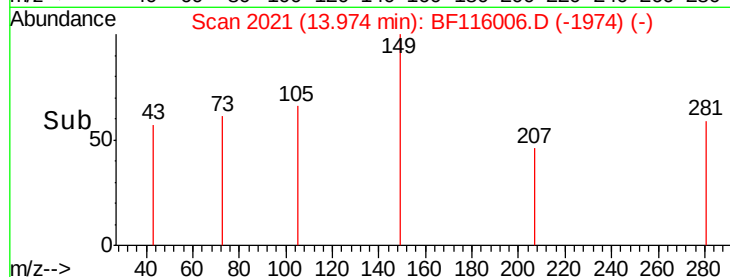
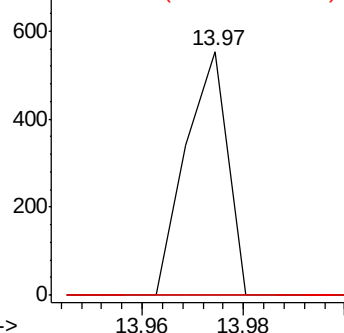
279 0.0 3.3 4.9#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. -0.03 min

Lab File: BF116006.D

Acq: 6 Aug 2019 12:02

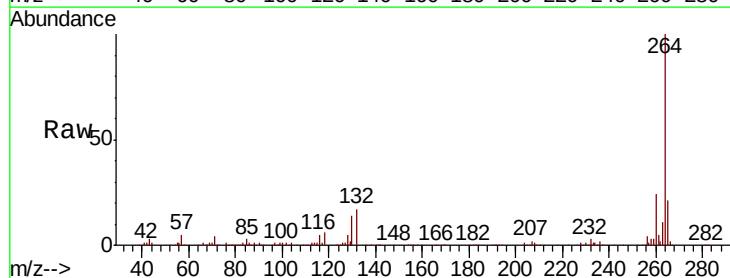
Tgt Ion:264 Resp: 420555

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

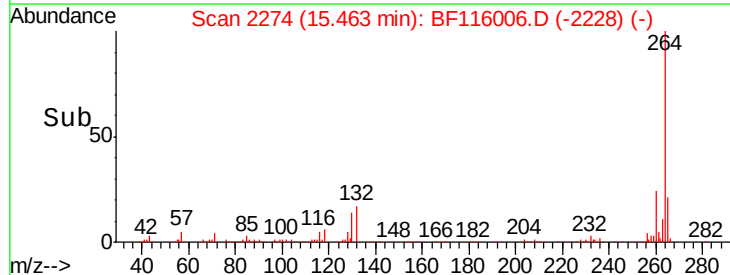
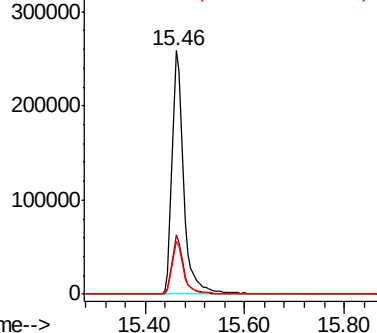
265 21.5 17.5 26.3

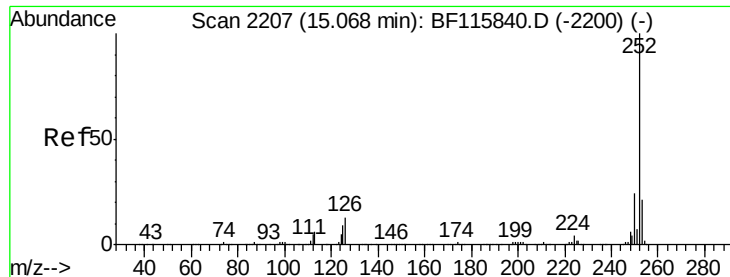


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 0.025 ng

RT: 15.05 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BF116006.D

Acq: 6 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB121978BL

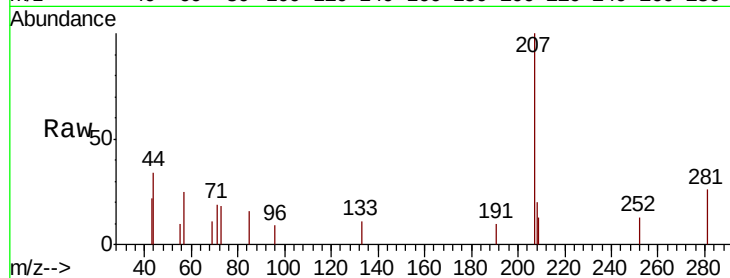
Tot Ion:252 Resp: 609

Ion Ratio Lower Upper

252 100

253 0.0 17.2 25.8#

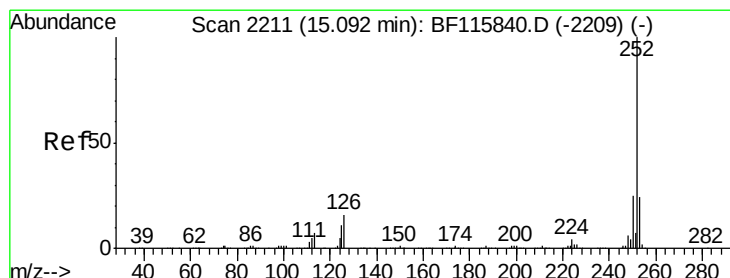
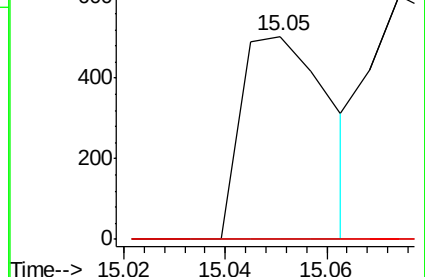
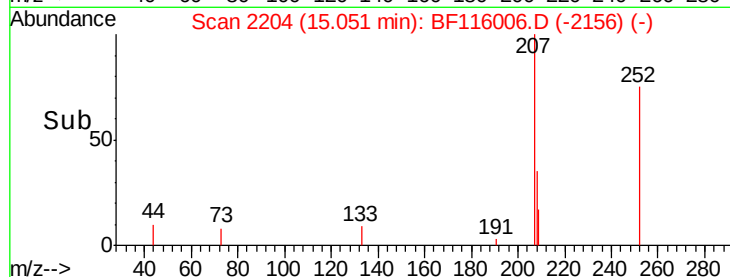
125 0.0 7.4 11.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 0.029 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BF116006.D

Acq: 6 Aug 2019 12:02

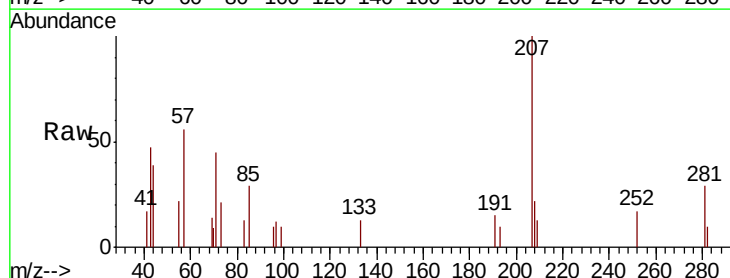
Tgt Ion:252 Resp: 694

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.4#

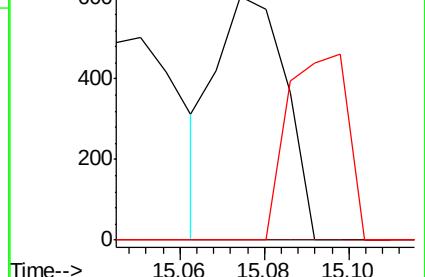
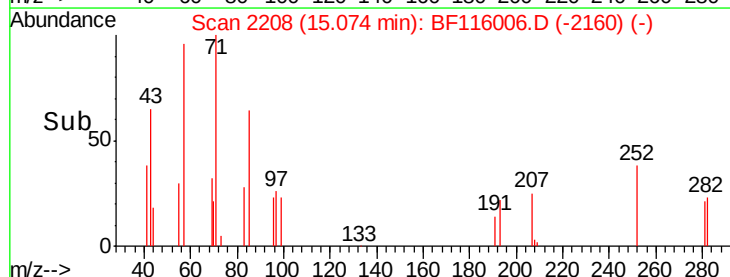
125 0.0 8.9 13.3#

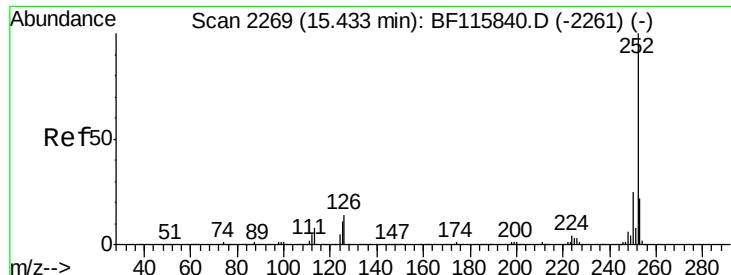


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.053 ng

RT: 15.46 min Scan# 2274

Delta R.T. 0.03 min

Lab File: BF116006.D

Acq: 6 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB121978BL

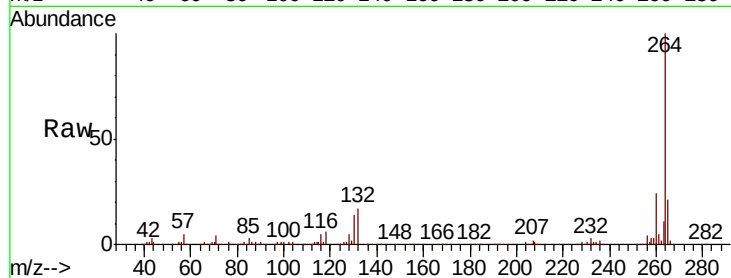
Tot Ion:252 Resp: 1152

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.6#

125 59.1 8.8 13.2#



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

