

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
 Data File : BF116003.D
 Acq On : 6 Aug 2019 10:42
 Operator : HP/JU
 Sample : PB121973BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121973BL

Quant Time: Aug 07 01:38:49 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	168576	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	648592	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	344494	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	624750	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	461518	20.00	ng	-0.02
87) Perylene-d12	15.47	264	427537	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	1227526	121.90	ng	0.01
7) Phenol-d6	6.48	99	1622172	127.68	ng	0.00
23) Nitrobenzene-d5	7.40	82	1079619	96.08	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	460368	137.84	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1819356	98.92	ng	-0.02
79) Terphenyl-d14	12.95	244	2040766	93.18	ng	-0.02

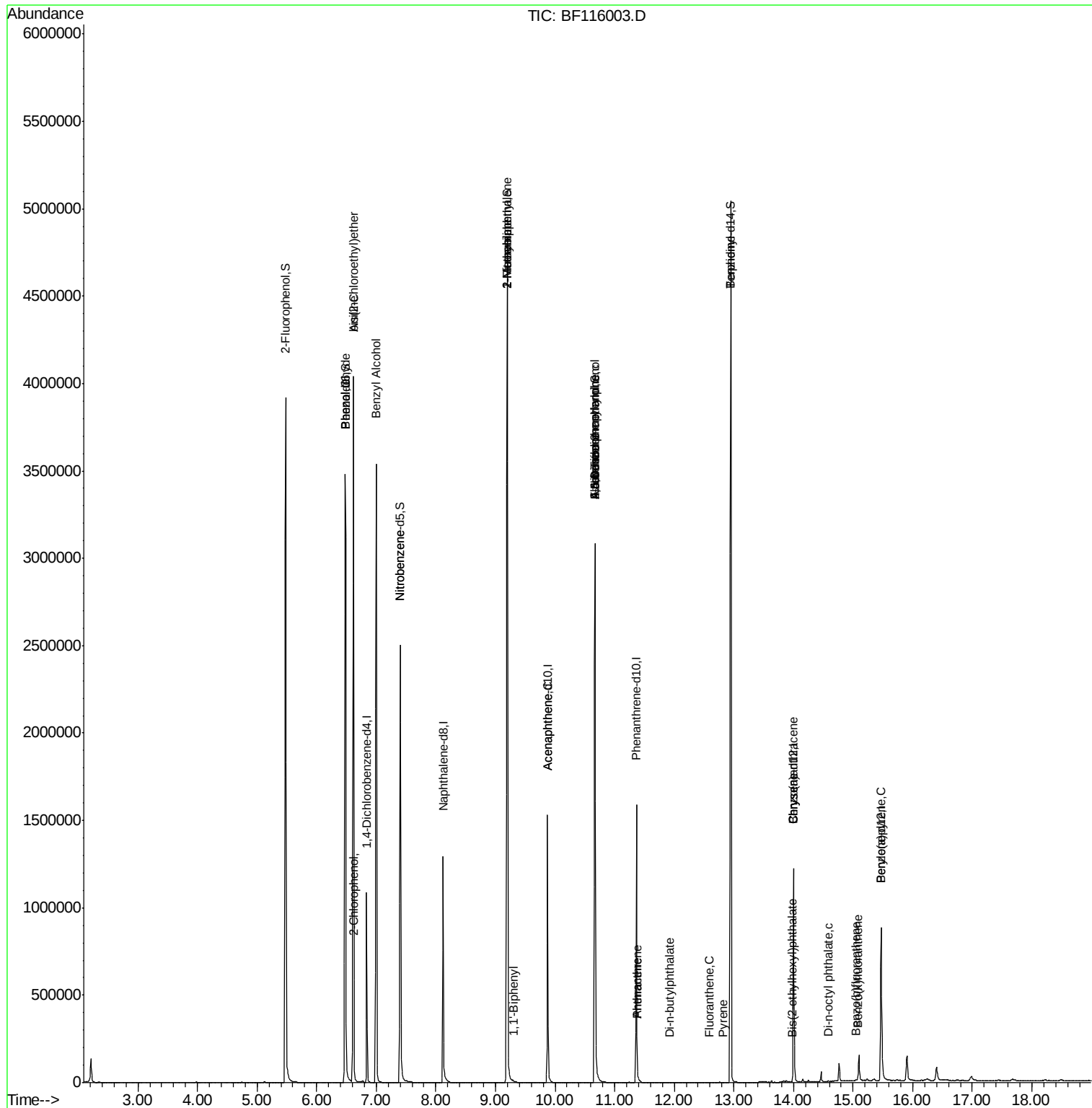
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.62	93	1694	0.093	ng	# 1
8) 2-Chlorophenol	6.63	128	318	0.029	ng	# 1
9) Benzaldehyde	6.48	77	2348	0.268	ng	# 1
10) Phenol	6.48	94	253	0.017	ng	# 1
11) bis(2-Chloroethyl)ether	6.62	93	1694	0.154	ng	# 1
15) Benzyl Alcohol	7.00	79	17622	1.828	ng	# 43
24) Nitrobenzene	7.40	77	3392	0.280	ng	# 39
38) 1-Methylnaphthalene	9.20	142	840	0.044	ng	# 42
46) 1,1'-Biphenyl	9.30	154	3560	0.146	ng	# 90
48) 2-Nitroaniline	9.20	65	3137	0.469	ng	# 1
52) Acenaphthene	9.87	154	956	0.053	ng	# 5
58) Fluorene	10.67	166	18992	0.937	ng	# 90
63) Azobenzene	10.67	77	2155	0.096	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.67	198	1018	0.307	ng	# 1
66) n-Nitrosodiphenylamine	10.67	169	13277	0.706	ng	# 48
71) Phenanthrene	11.39	178	633	0.020	ng	# 59
72) Anthracene	11.39	178	633	0.020	ng	# 60
74) Di-n-butylphthalate	11.92	149	634	0.019	ng	# 77
75) Fluoranthene	12.59	202	407	0.012	ng	# 64
77) Benzydine	12.95	184	28088	1.801	ng	# 94
78) Pyrene	12.82	202	409	0.012	ng	# 56
81) Benzo(a)anthracene	14.00	228	1775	0.060	ng	# 59
83) Chrysene	14.00	228	1775	0.062	ng	# 57
84) Bis(2-ethylhexyl)phthalate	13.97	149	550	0.029	ng	# 52
85) Di-n-octyl phthalate	14.59	149	450	0.015	ng	# 78
88) Benzo(b)fluoranthene	15.06	252	816	0.033	ng	# 61
89) Benzo(k)fluoranthene	15.08	252	544	0.023	ng	# 59
90) Benzo(a)pyrene	15.47	252	1413	0.064	ng	# 1

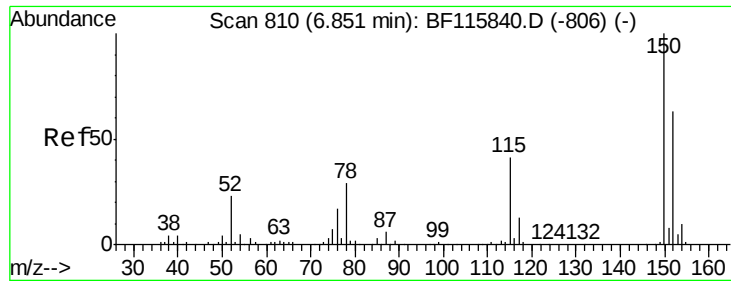
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\  
Data File : BF116003.D  
Acq On    : 6 Aug 2019 10:42  
Operator  : HP/JU  
Sample    : PB121973BL  
Misc      :  
ALS Vial  : 4      Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :
PB121973BL

Quant Time: Aug 07 01:38:49 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



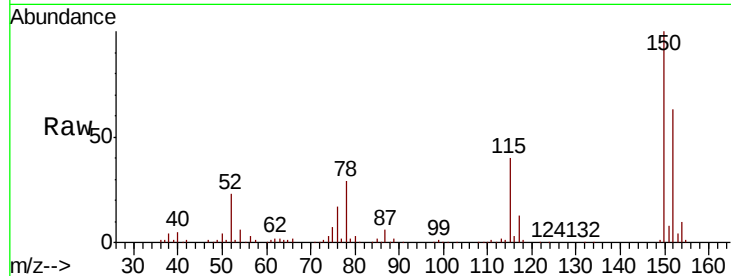


#1

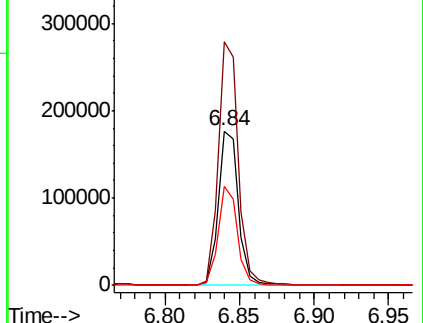
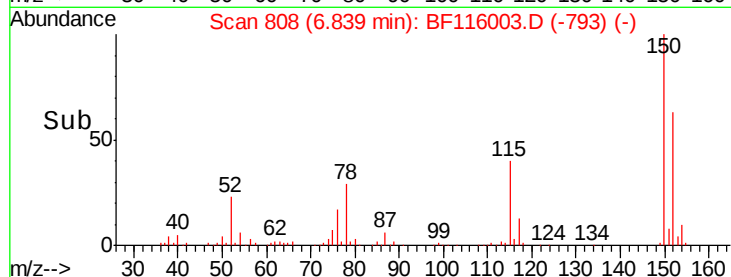
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116003.D
Acq: 6 Aug 2019 10:42

Instrument :
BNA_F
ClientSampleId :
PB121973BL

Tot Ion:152 Resp: 168576
Ion Ratio Lower Upper
152 100
150 157.6 127.4 191.0
115 63.7 51.8 77.8



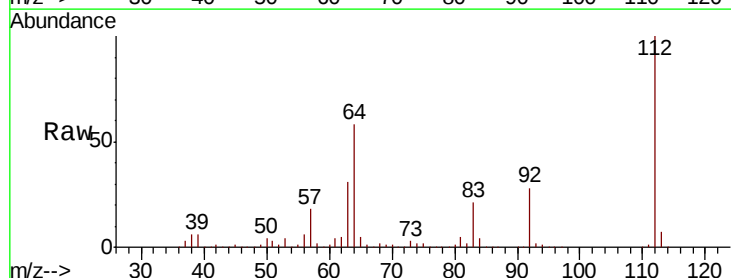
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



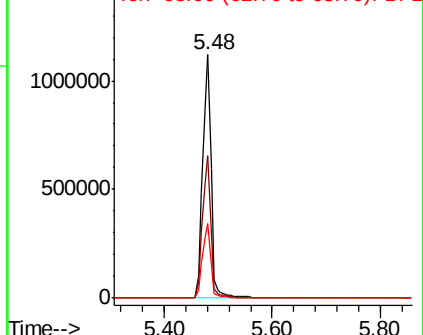
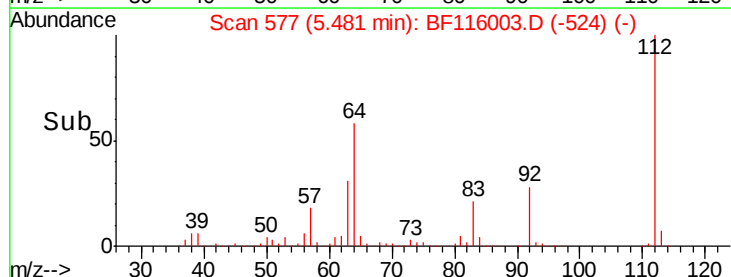
#5

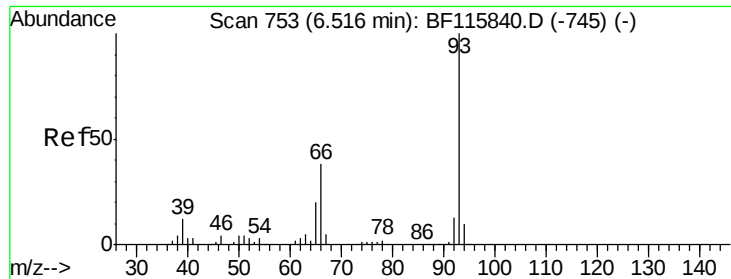
2-Fluorophenol
Concen: 121.901 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF116003.D
Acq: 6 Aug 2019 10:42

Tgt Ion:112 Resp: 1227526
Ion Ratio Lower Upper
112 100
64 58.3 46.8 70.2
63 30.5 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: 0.093 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.10 min

Lab File: BF116003.D

Acq: 6 Aug 2019 10:42

Instrument :

BNA_F

ClientSampleId :

PB121973BL

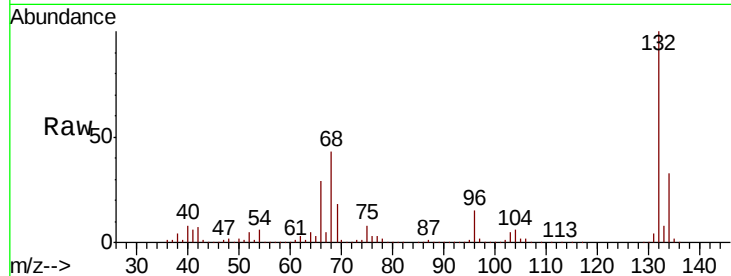
Tot Ion: 93 Resp: 1694

Ion Ratio Lower Upper

93 100

66 19441.9 31.4 47.0#

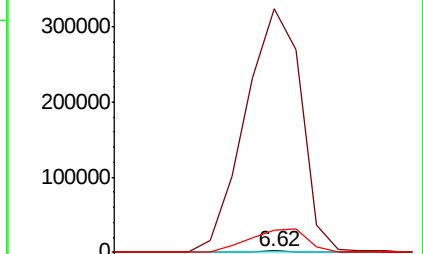
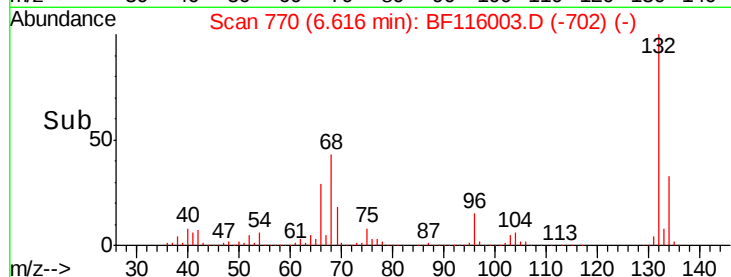
65 1787.6 16.5 24.7#



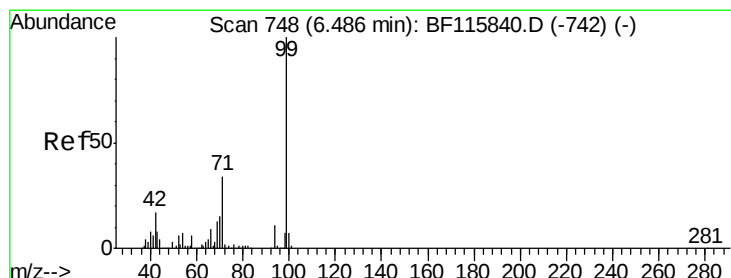
Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



Time-->



#7

Phenol-d6

Concen: 127.681 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116003.D

Acq: 6 Aug 2019 10:42

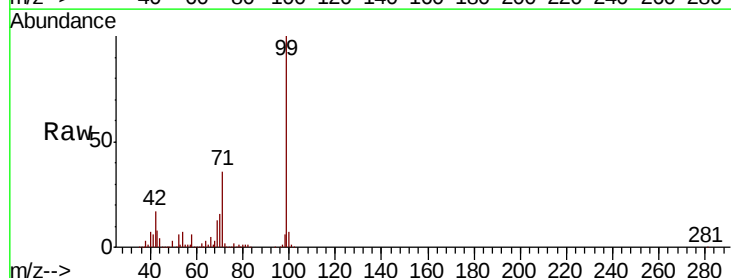
Tgt Ion: 99 Resp: 1622172

Ion Ratio Lower Upper

99 100

42 17.4 13.8 20.6

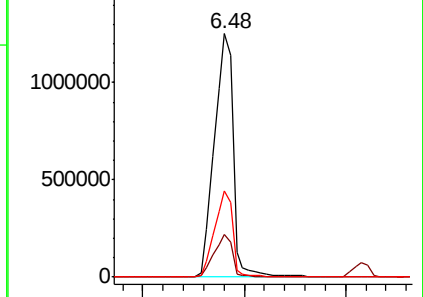
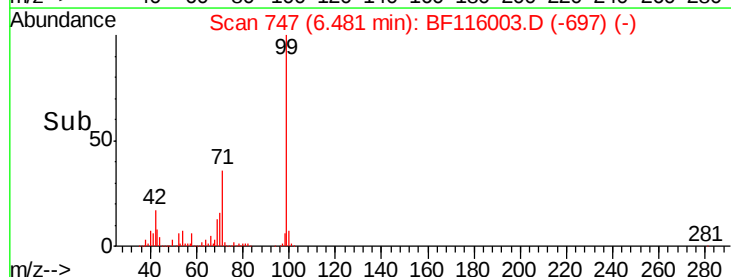
71 35.5 27.1 40.7



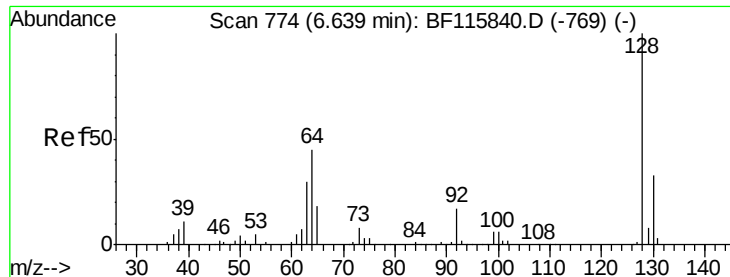
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#8

2-Chlorophenol

Concen: 0.029 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF116003.D

Acq: 6 Aug 2019 10:42

Instrument :

BNA_F

ClientSampleId :

PB121973BL

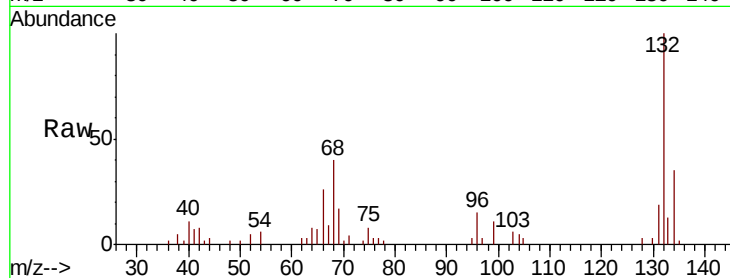
Tot Ion:128 Resp: 318

Ion Ratio Lower Upper

128 100

130 101.5 12.9 52.9#

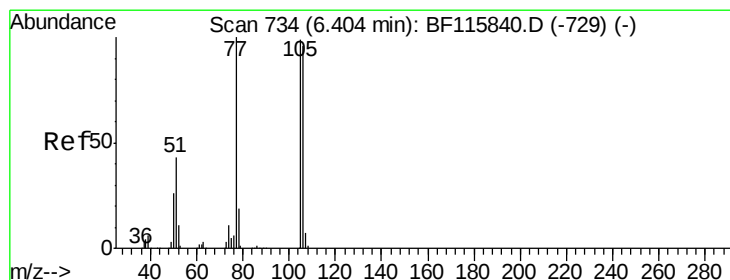
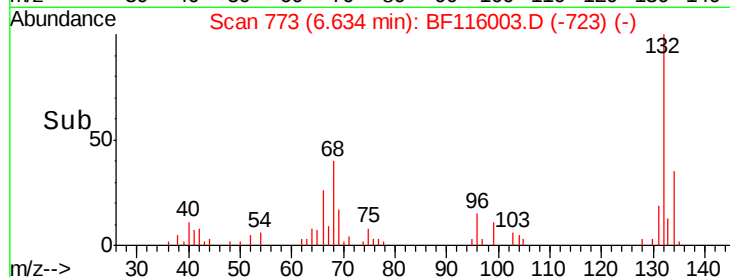
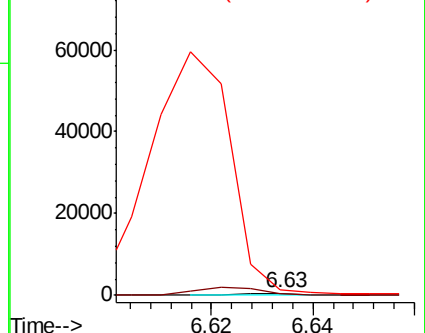
64 268.7 26.1 66.1#



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: 0.268 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.08 min

Lab File: BF116003.D

Acq: 6 Aug 2019 10:42

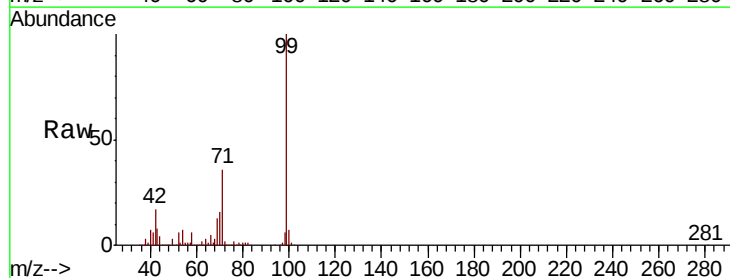
Tgt Ion: 77 Resp: 2348

Ion Ratio Lower Upper

77 100

105 0.0 79.0 119.0#

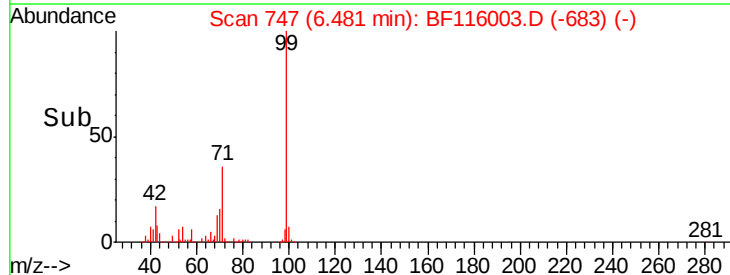
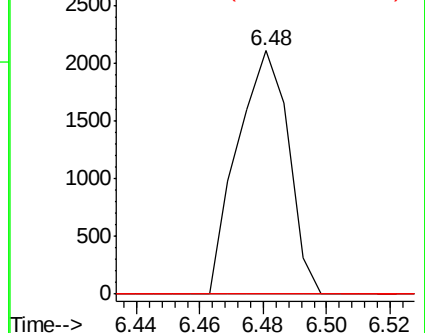
106 0.0 76.2 116.2#

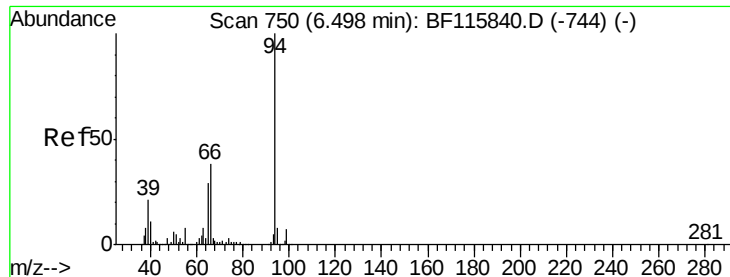


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.017 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF116003.D

Acq: 6 Aug 2019 10:42

Instrument :

BNA_F

ClientSampleId :

PB121973BL

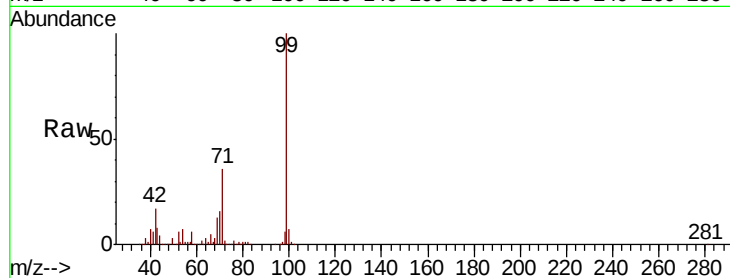
Tot Ion: 94 Resp: 253

Ion Ratio Lower Upper

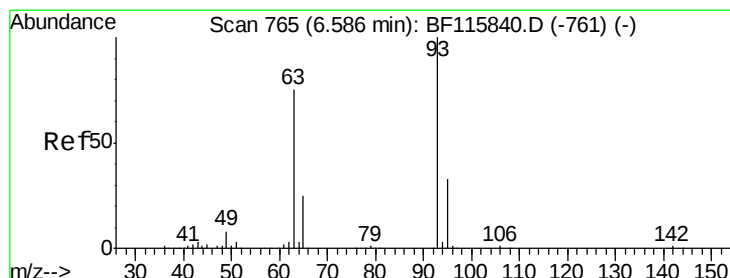
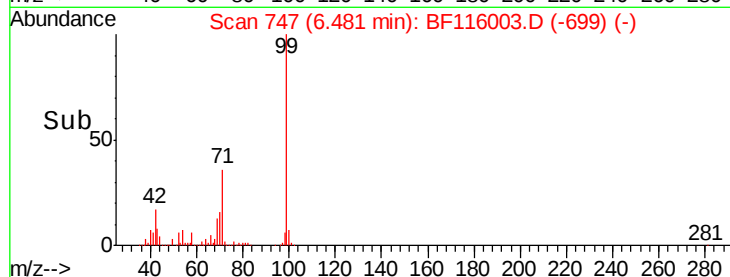
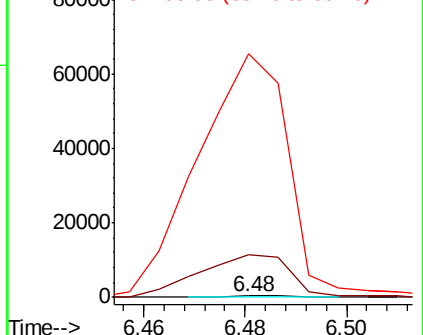
94 100

65 3192.8 8.9 48.9#

66 18157.8 18.0 58.0#



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



#11

bis(2-Chloroethyl)ether

Concen: 0.154 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.03 min

Lab File: BF116003.D

Acq: 6 Aug 2019 10:42

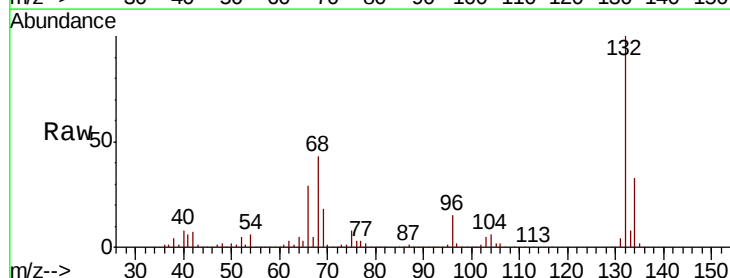
Tgt Ion: 93 Resp: 1694

Ion Ratio Lower Upper

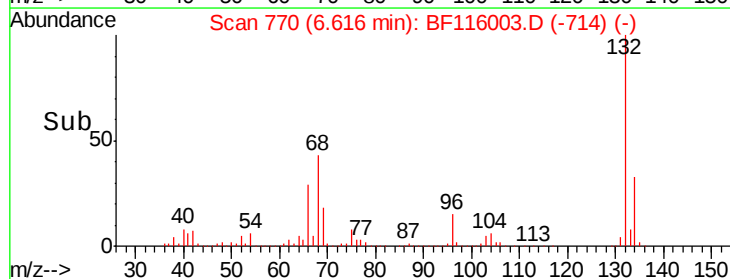
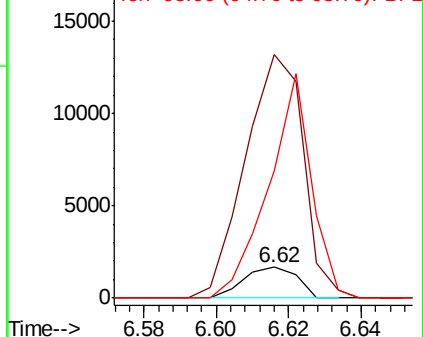
93 100

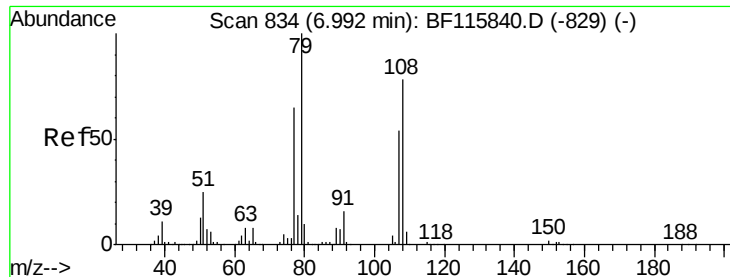
63 791.2 54.9 94.9#

95 412.9 13.3 53.3#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1





#15

Benzyl Alcohol

Concen: 1.828 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF116003.D

Acq: 6 Aug 2019 10:42

Instrument :

BNA_F

ClientSampled :

PB121973BL

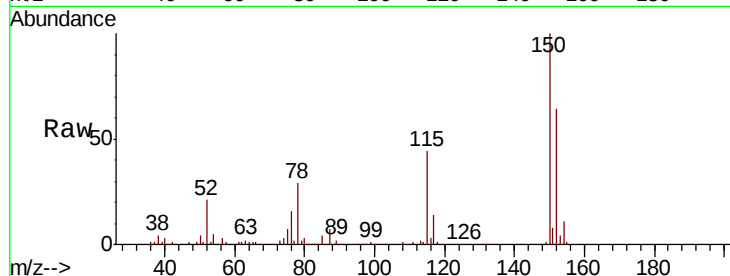
Tot Ion: 79 Resp: 17622

Ion Ratio Lower Upper

79 100

108 34.8 62.8 94.2#

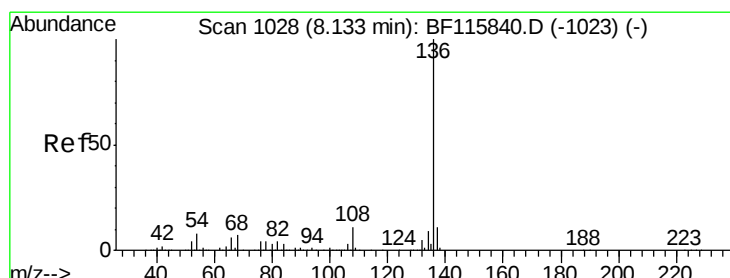
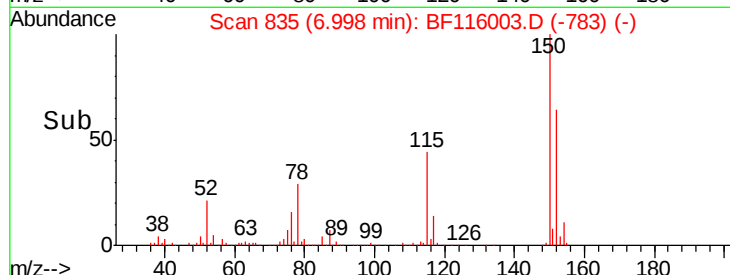
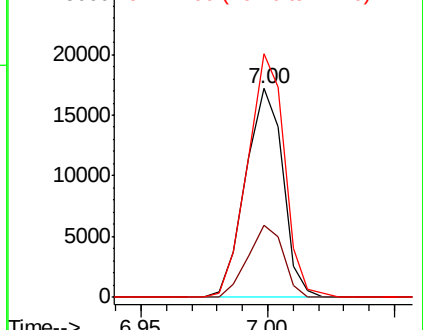
77 116.8 52.0 78.0#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

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: BF116003.D

Acq: 6 Aug 2019 10:42

Tgt Ion: 136 Resp: 648592

Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.1 6.1 9.1

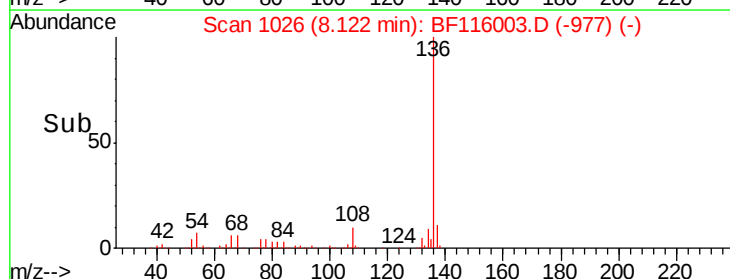
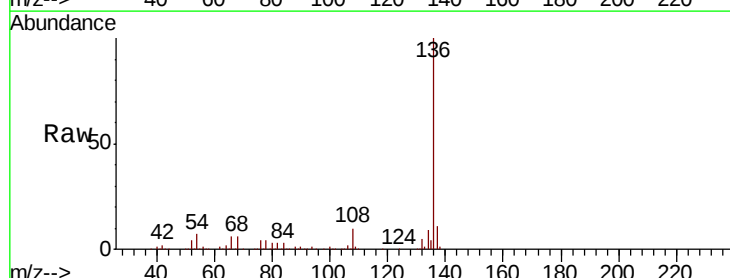
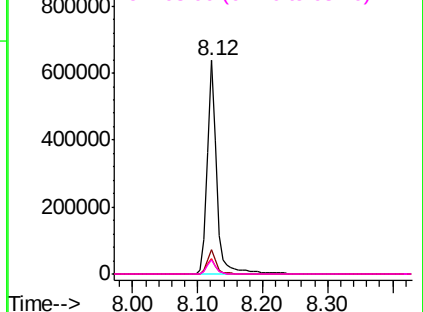
68 6.4 5.4 8.2

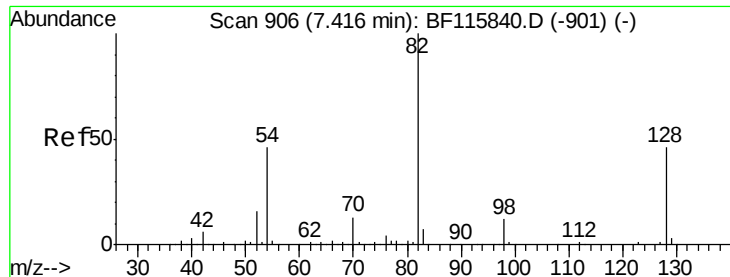
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

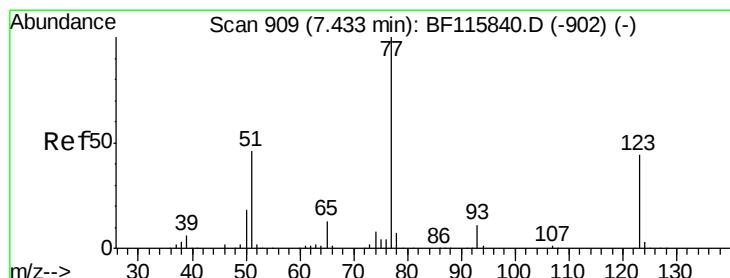
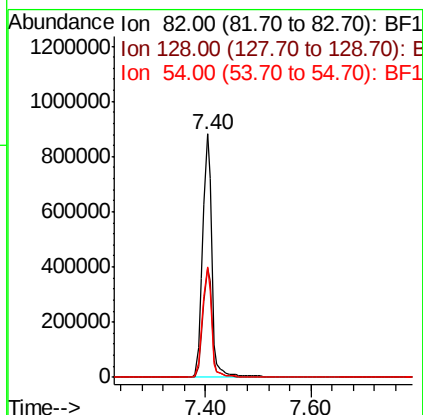
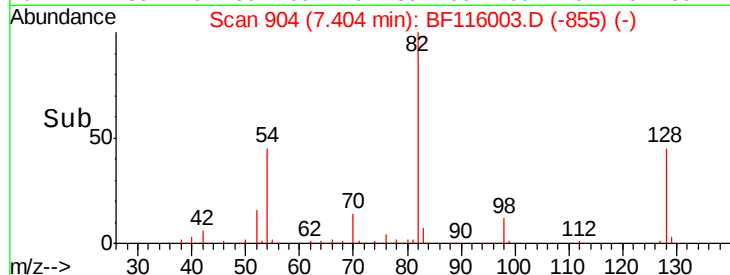
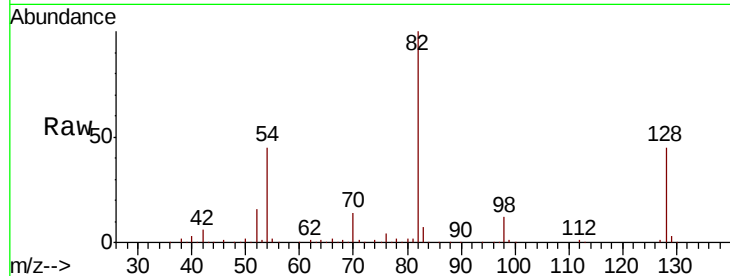




#23
 Nitrobenzene-d5
 Concen: 96.083 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116003.D
 Acq: 6 Aug 2019 10:42

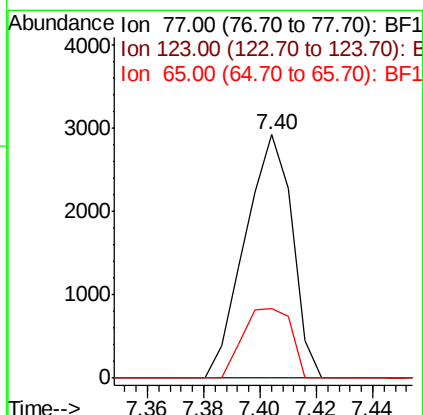
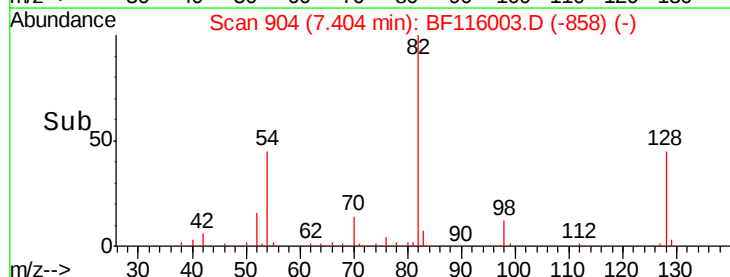
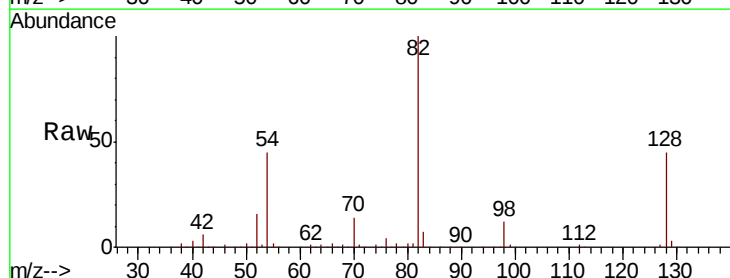
Instrument :
 BNA_F
 ClientSampleID :
 PB121973BL

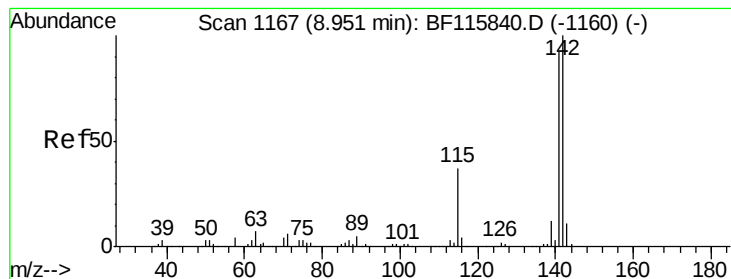
Tot Ion: 82 Resp: 1079619
 Ion Ratio Lower Upper
 82 100
 128 44.8 36.6 55.0
 54 45.2 36.6 55.0



#24
 Nitrobenzene
 Concen: 0.280 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.03 min
 Lab File: BF116003.D
 Acq: 6 Aug 2019 10:42

Tgt Ion: 77 Resp: 3392
 Ion Ratio Lower Upper
 77 100
 123 0.0 35.5 53.3#
 65 28.4 10.6 15.8#





#38

1-Methylnaphthalene

Concen: 0.044 ng

RT: 9.20 min Scan# 1209

Delta R.T. 0.25 min

Lab File: BF116003.D

Acq: 6 Aug 2019 10:42

Instrument :

BNA_F

ClientSampleId :

PB121973BL

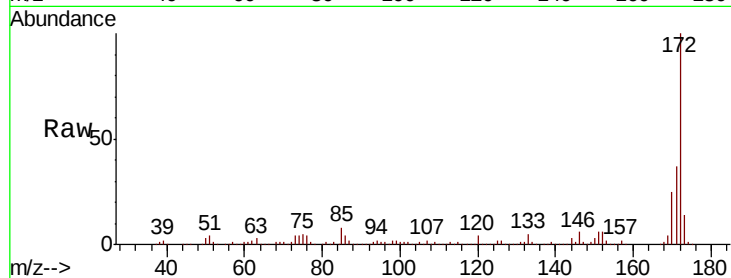
Tot Ion:142 Resp: 840

Ion Ratio Lower Upper

142 100

141 65.5 73.8 110.6#

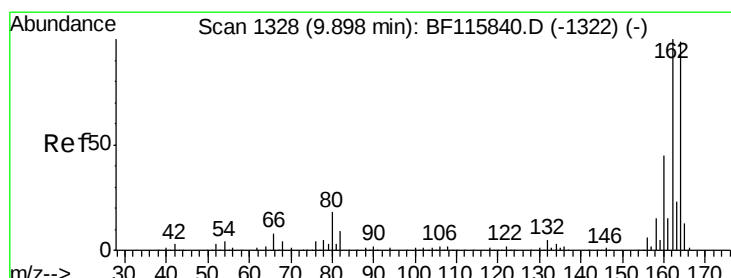
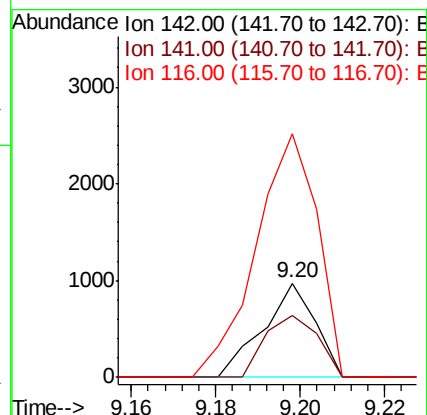
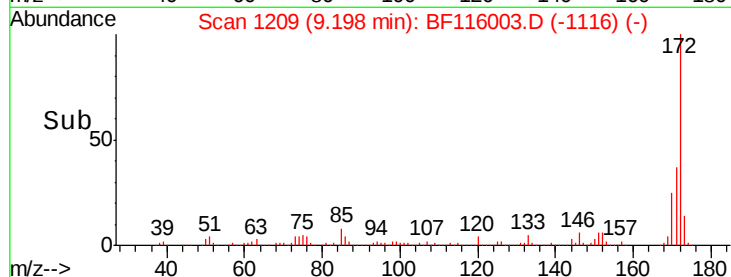
116 258.8 3.1 4.7#



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: BF116003.D

Acq: 6 Aug 2019 10:42

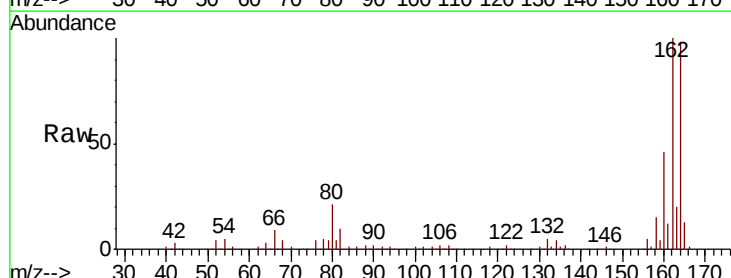
Tgt Ion:164 Resp: 344494

Ion Ratio Lower Upper

164 100

162 102.0 80.8 121.2

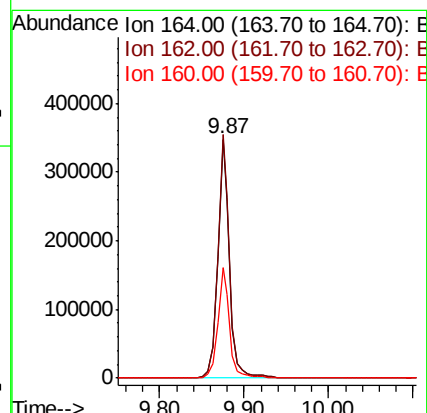
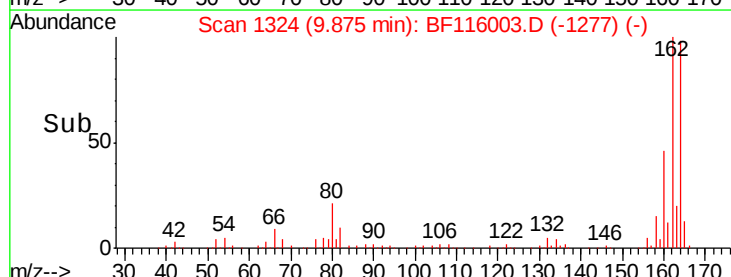
160 46.5 36.2 54.4

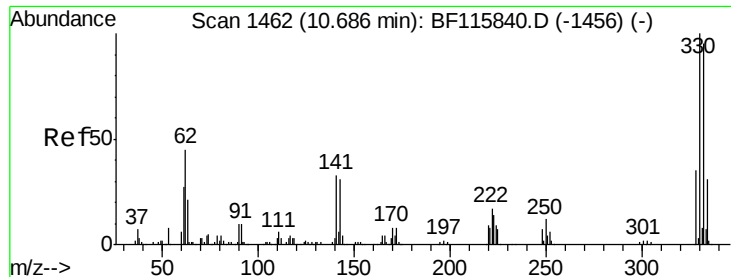


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

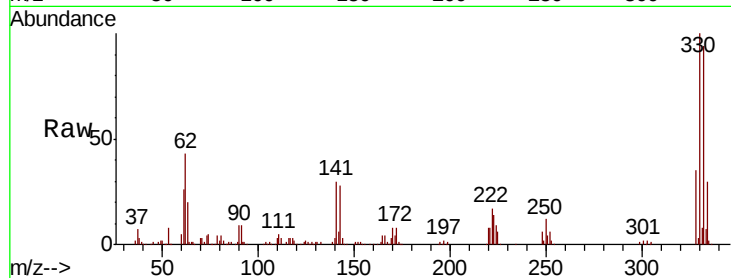




#42
 2,4,6-Tribromophenol
 Concen: 137.836 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF116003.D
 Acq: 6 Aug 2019 10:42

Instrument :
 BNA_F
 ClientSampleId :
 PB121973BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.7	116.5
141	32.6	28.1	42.1

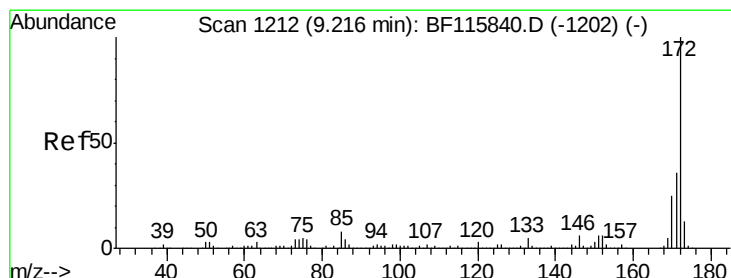
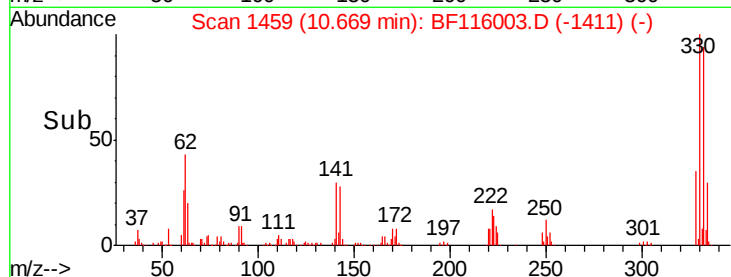
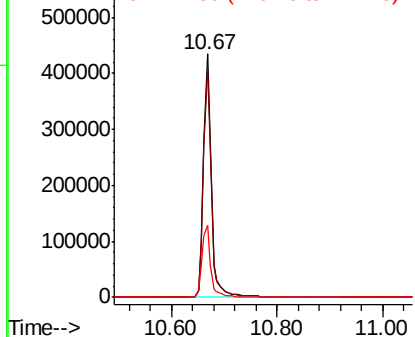


Abundance

Ion 329.80 (329.50 to 330.50): E

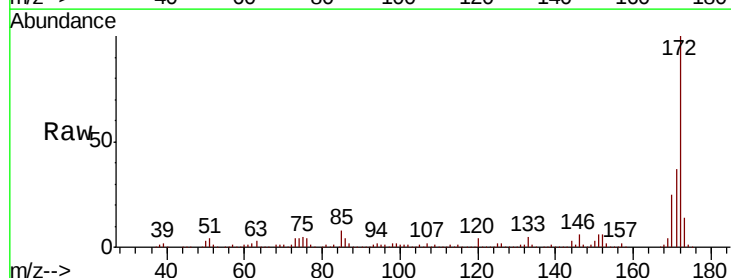
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 98.922 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF116003.D
 Acq: 6 Aug 2019 10:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.1	43.7
170	25.3	20.1	30.1

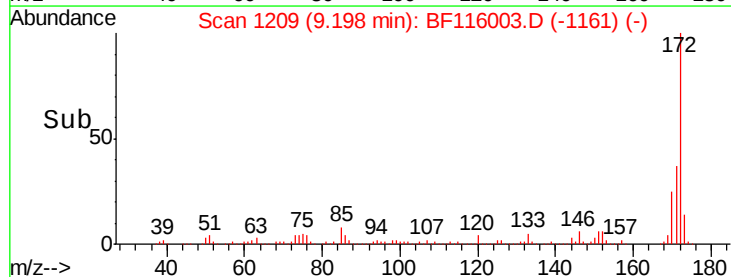
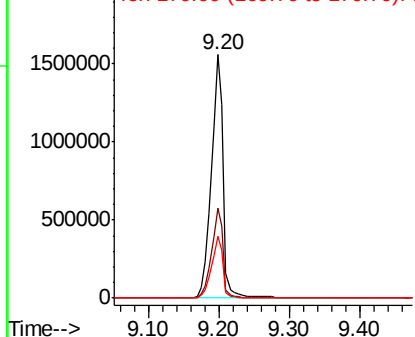


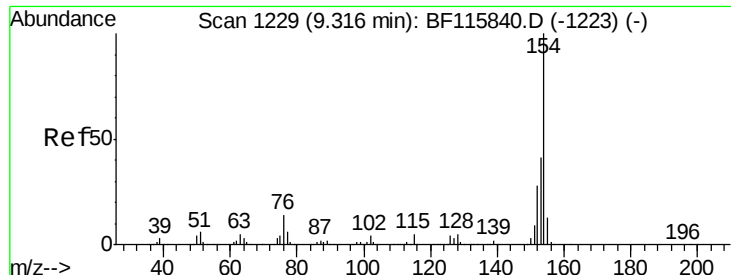
Abundance

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: 0.146 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.02 min

Lab File: BF116003.D

Acq: 6 Aug 2019 10:42

Instrument :

BNA_F

ClientSampleId :

PB121973BL

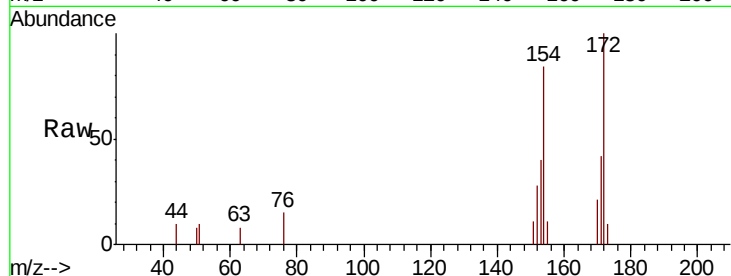
Tot Ion:154 Resp: 3560

Ion Ratio Lower Upper

154 100

153 47.4 20.9 60.9

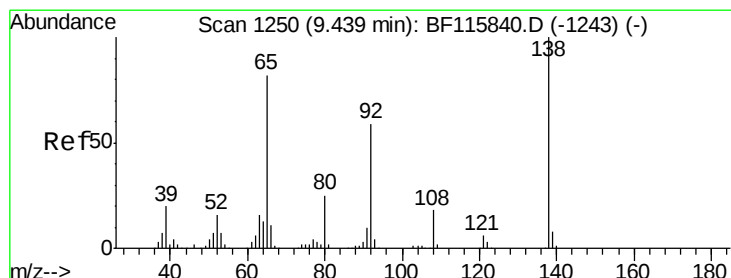
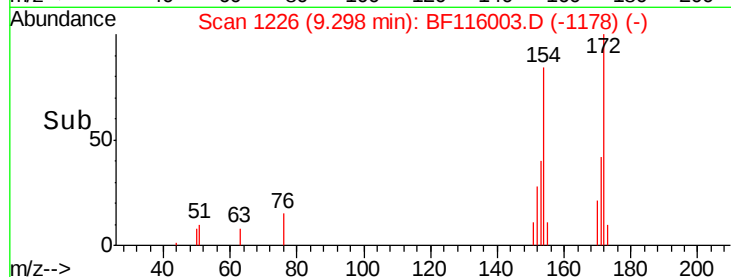
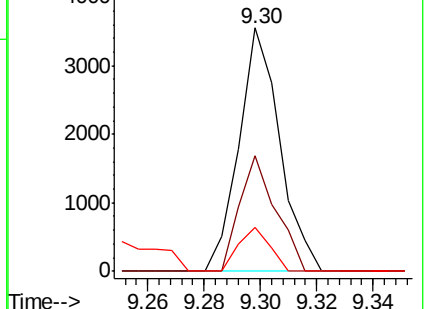
76 17.8 0.0 34.3



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: 0.469 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.24 min

Lab File: BF116003.D

Acq: 6 Aug 2019 10:42

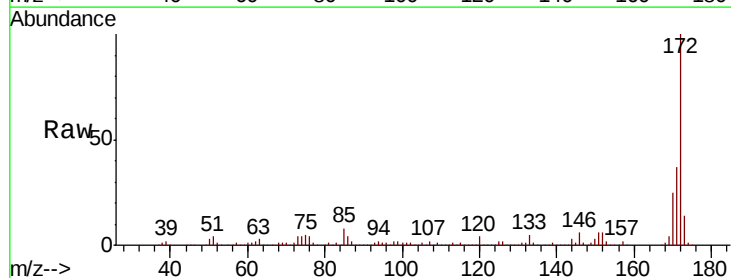
Tgt Ion: 65 Resp: 3137

Ion Ratio Lower Upper

65 100

92 202.7 57.1 85.7#

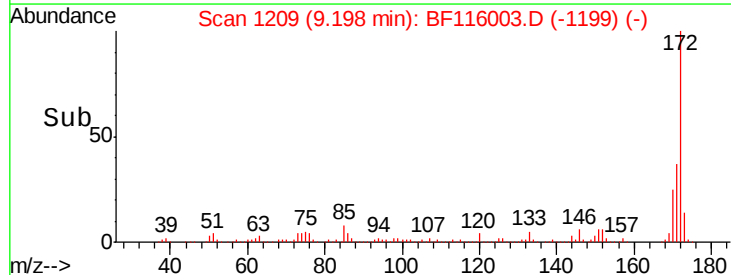
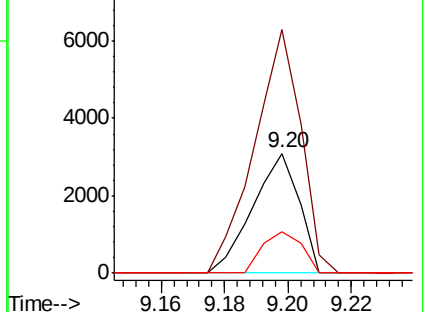
138 34.9 97.1 145.7#

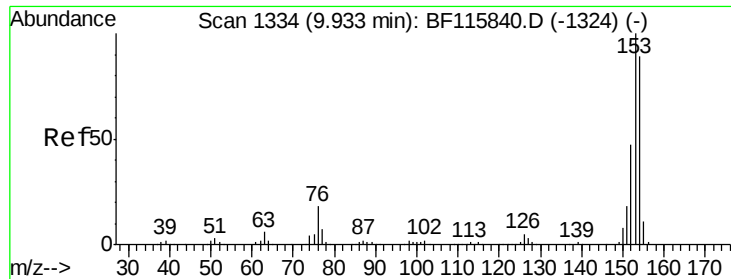


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#52

Acenaphthene

Concen: 0.053 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.06 min

Lab File: BF116003.D

Acq: 6 Aug 2019 10:42

Instrument :

BNA_F

ClientSampleId :

PB121973BL

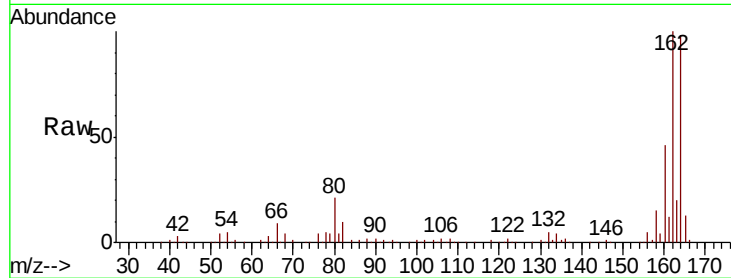
Tot Ion:154 Resp: 956

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

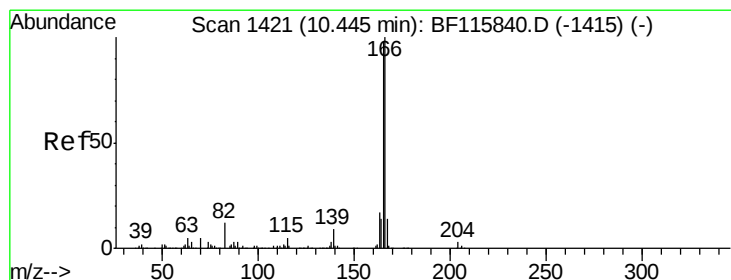
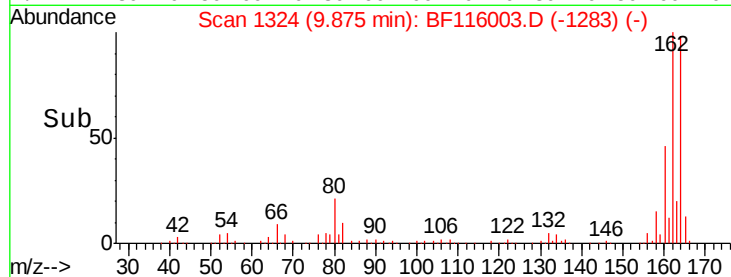
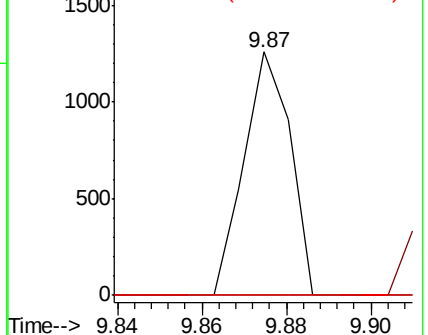
152 0.0 42.6 63.8#



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: 0.937 ng

RT: 10.67 min Scan# 1459

Delta R.T. 0.22 min

Lab File: BF116003.D

Acq: 6 Aug 2019 10:42

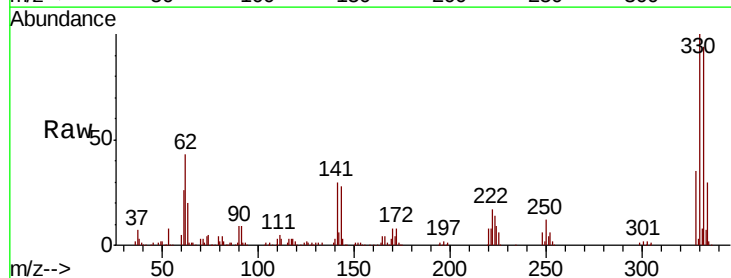
Tgt Ion:166 Resp: 18992

Ion Ratio Lower Upper

166 100

165 103.5 78.6 118.0

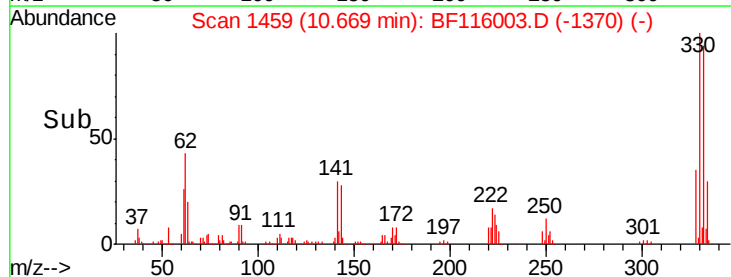
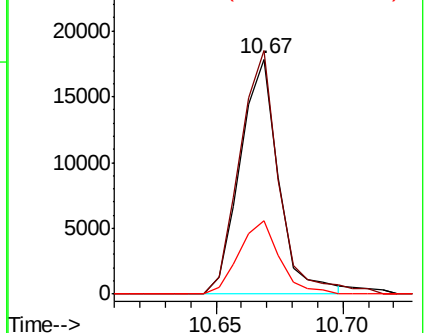
167 31.3 10.9 16.3#

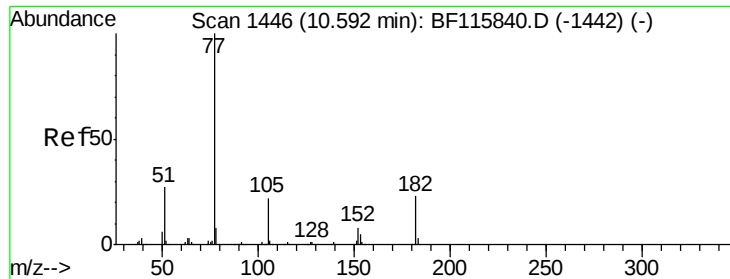


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Azobenzene

Concen: 0.096 ng

RT: 10.67 min Scan# 1459

Delta R.T. 0.08 min

Lab File: BF116003.D

Acq: 6 Aug 2019 10:42

Instrument :

BNA_F

ClientSampleId :

PB121973BL

Tot Ion: 77 Resp: 2155

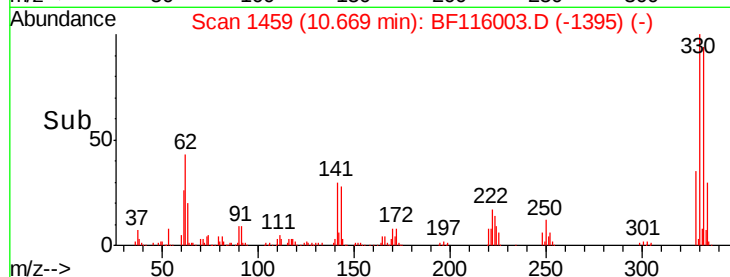
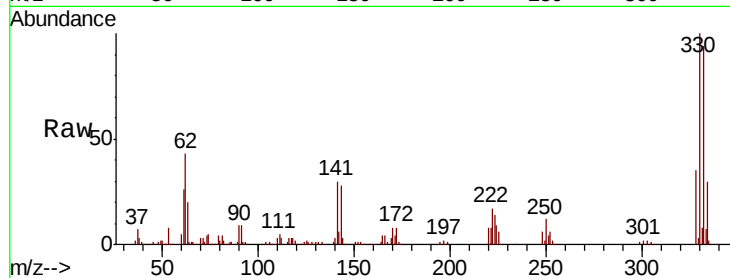
Ion Ratio Lower Upper

77 100

182 0.0 2.6 42.6#

105 108.8 1.6 41.6#

51 77.6 7.4 47.4#

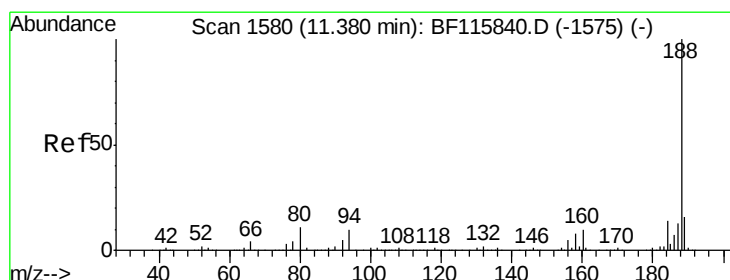
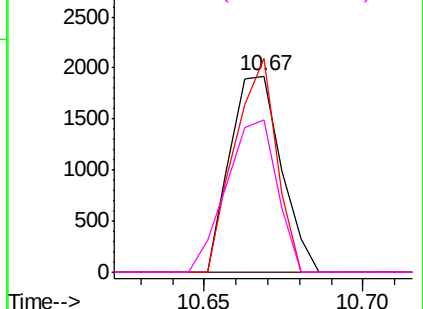


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF116003.D

Acq: 6 Aug 2019 10:42

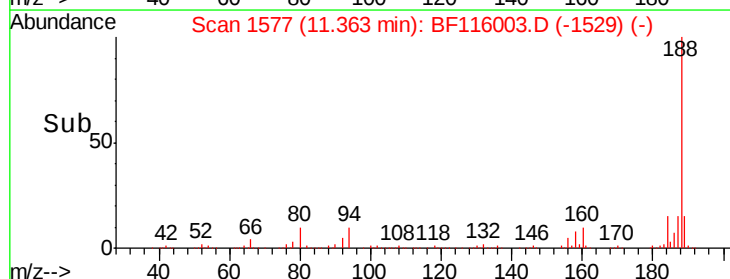
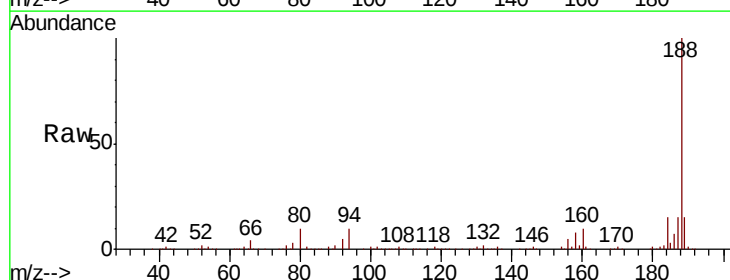
Tgt Ion: 188 Resp: 624750

Ion Ratio Lower Upper

188 100

94 9.6 8.0 12.0

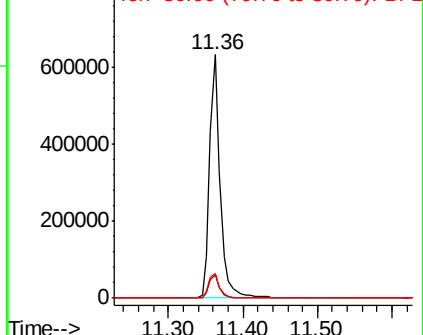
80 10.1 8.6 12.8

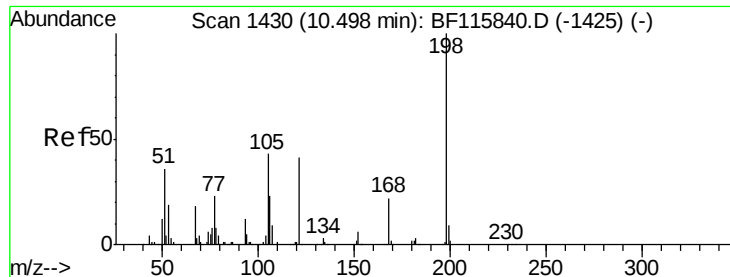


Abundance Ion 188.00 (187.70 to 188.70): E

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: 0.307 ng

RT: 10.67 min Scan# 1459

Delta R.T. 0.17 min

Lab File: BF116003.D

Acq: 6 Aug 2019 10:42

Instrument :

BNA_F

ClientSampleId :

PB121973BL

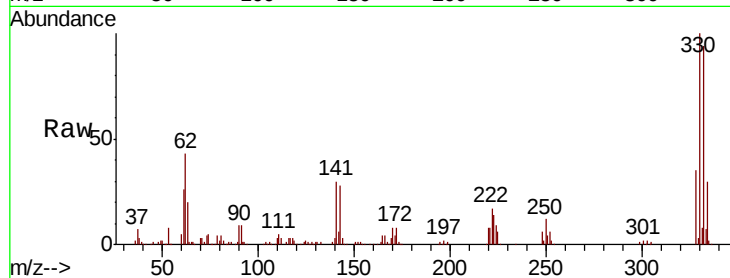
Tot Ion:198 Resp: 1018

Ion Ratio Lower Upper

198 100

51 149.9 21.1 61.1#

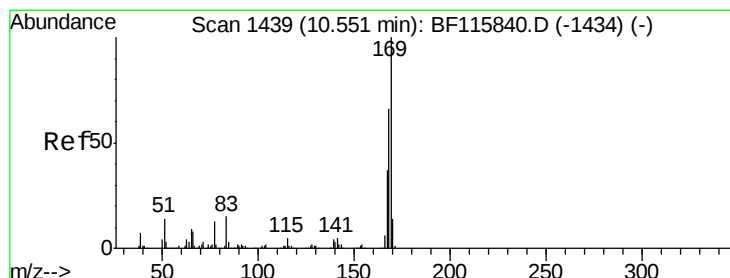
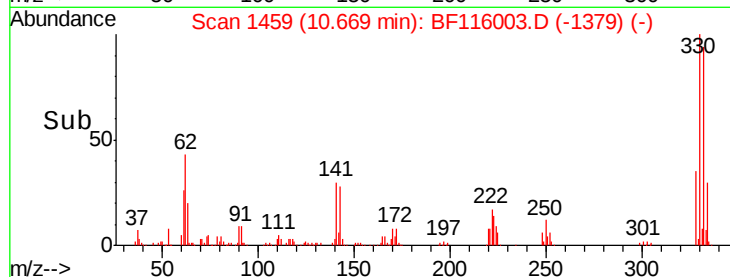
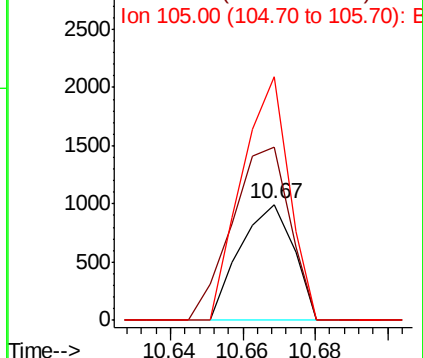
105 210.0 24.5 64.5#



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: 0.706 ng

RT: 10.67 min Scan# 1459

Delta R.T. 0.12 min

Lab File: BF116003.D

Acq: 6 Aug 2019 10:42

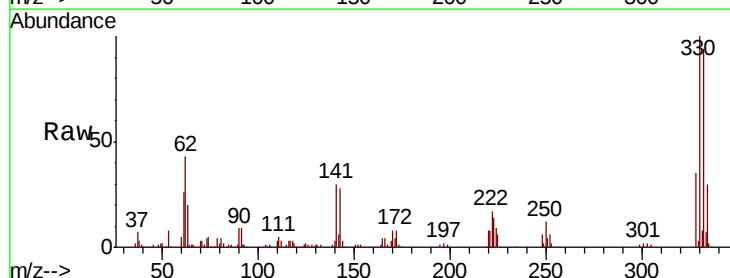
Tgt Ion:169 Resp: 13277

Ion Ratio Lower Upper

169 100

168 6.7 53.0 79.6#

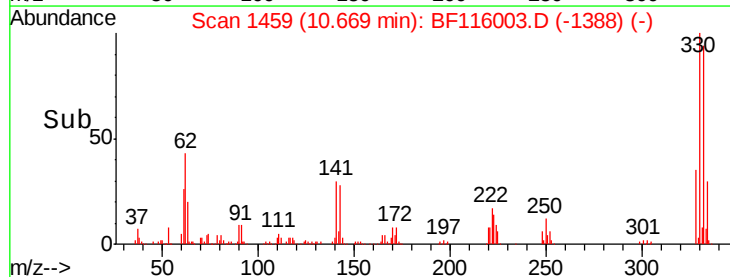
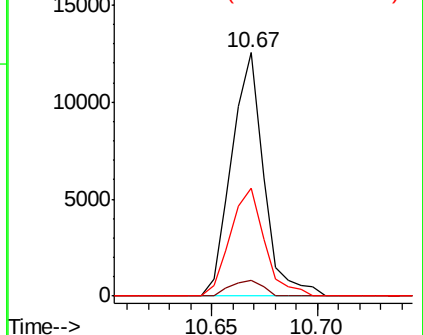
167 44.5 29.9 44.9

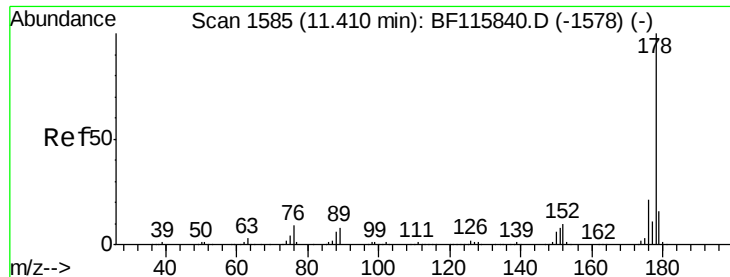


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#71

Phenanthrene

Concen: 0.020 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BF116003.D

Acq: 6 Aug 2019 10:42

Instrument :

BNA_F

ClientSampleId :

PB121973BL

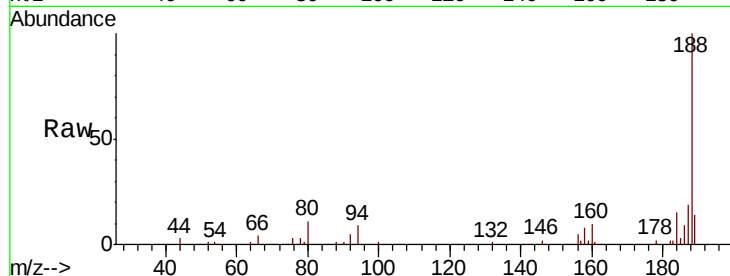
Tot Ion:178 Resp: 633

Ion Ratio Lower Upper

178 100

176 0.0 16.5 24.7#

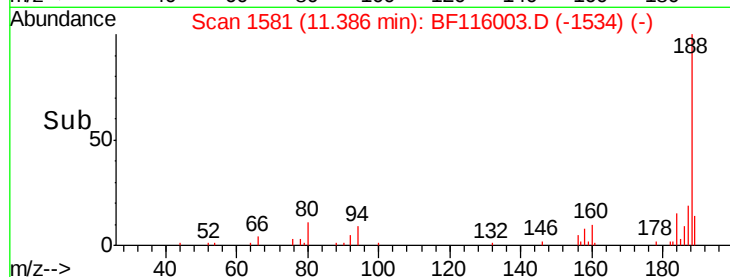
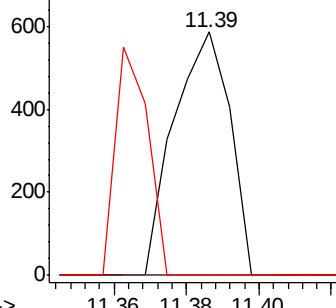
179 0.0 12.6 18.8#



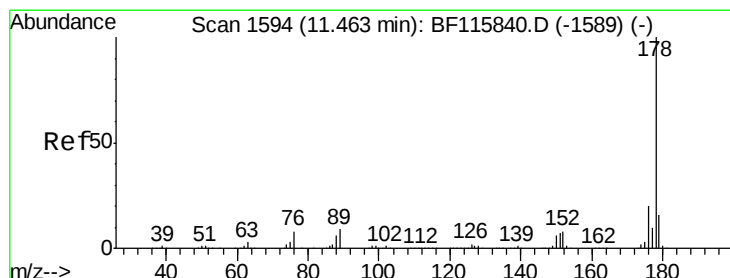
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Anthracene

Concen: 0.020 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.08 min

Lab File: BF116003.D

Acq: 6 Aug 2019 10:42

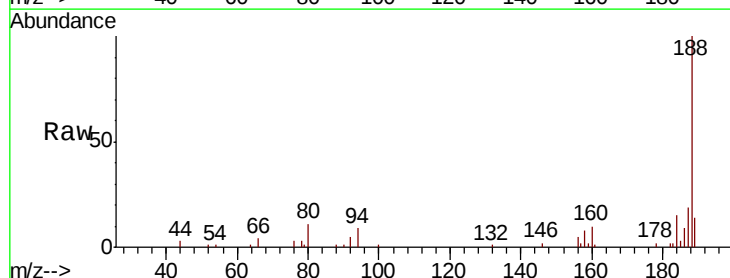
Tgt Ion:178 Resp: 633

Ion Ratio Lower Upper

178 100

176 0.0 15.7 23.5#

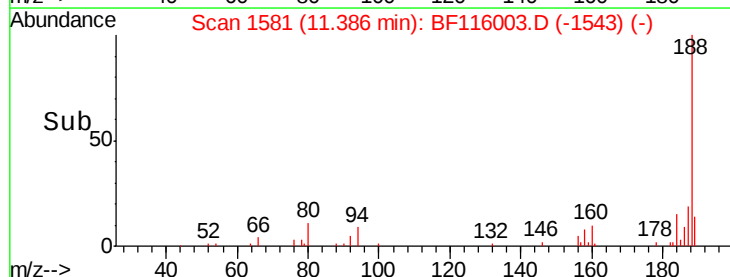
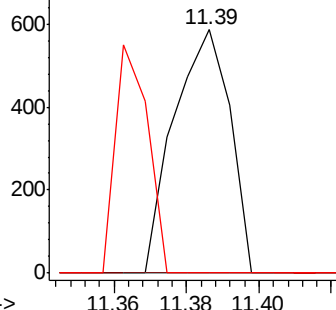
179 0.0 12.4 18.6#



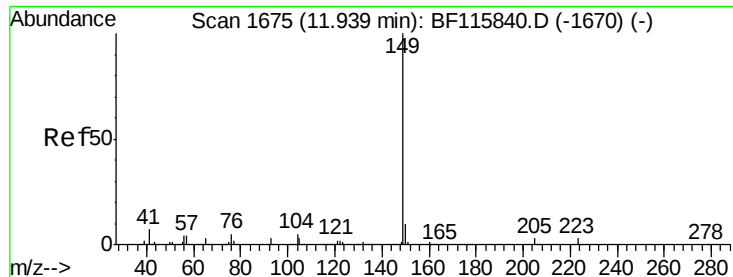
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 0.019 ng

RT: 11.92 min Scan# 1672

Delta R.T. -0.02 min

Lab File: BF116003.D

Acq: 6 Aug 2019 10:42

Instrument :

BNA_F

ClientSampleId :

PB121973BL

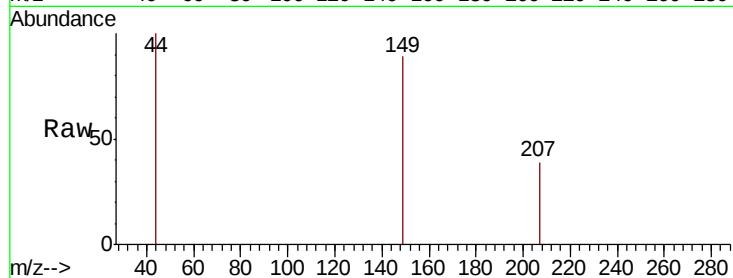
Tot Ion:149 Resp: 634

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

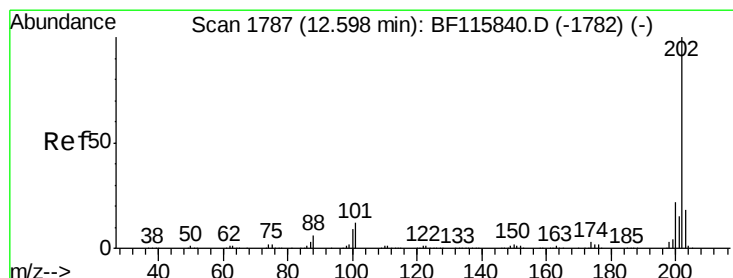
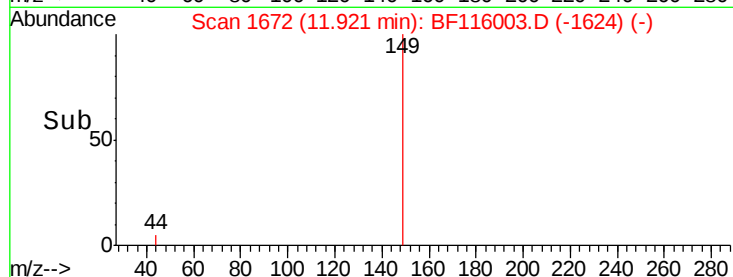
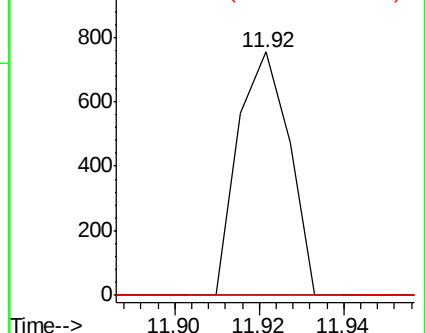
104 0.0 4.3 6.5#



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: 0.012 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BF116003.D

Acq: 6 Aug 2019 10:42

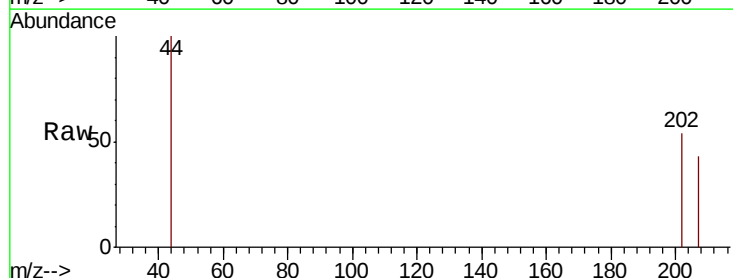
Tgt Ion:202 Resp: 407

Ion Ratio Lower Upper

202 100

101 0.0 0.0 31.5

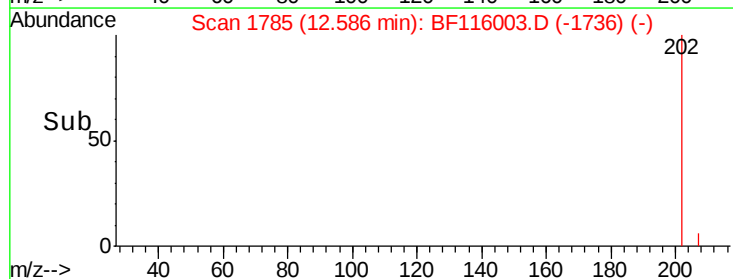
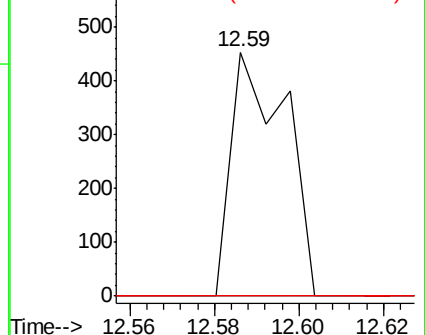
203 0.0 0.0 37.9

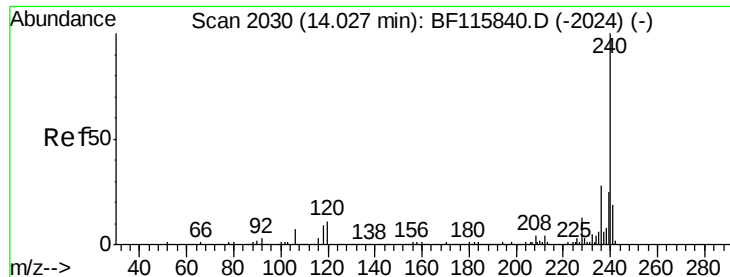


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF116003.D

Acq: 6 Aug 2019 10:42

Instrument :

BNA_F

ClientSampleId :

PB121973BL

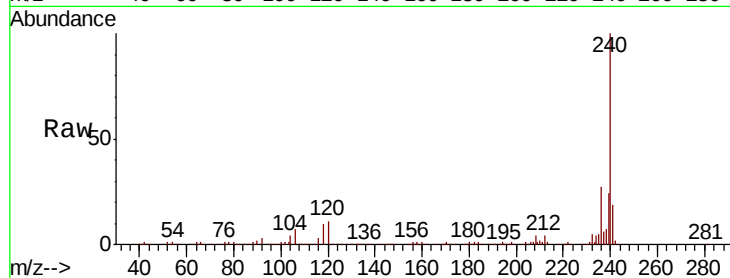
Tot Ion:240 Resp: 461518

Ion Ratio Lower Upper

240 100

120 10.9 8.5 12.7

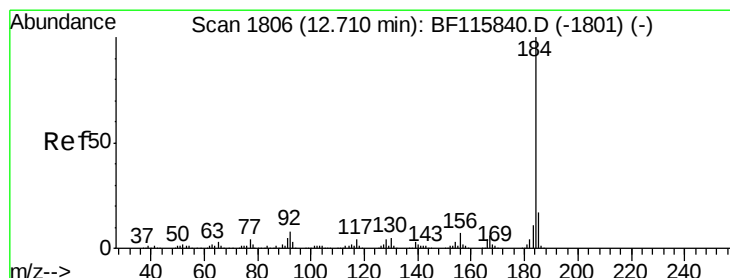
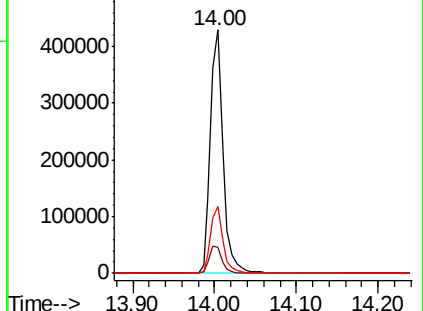
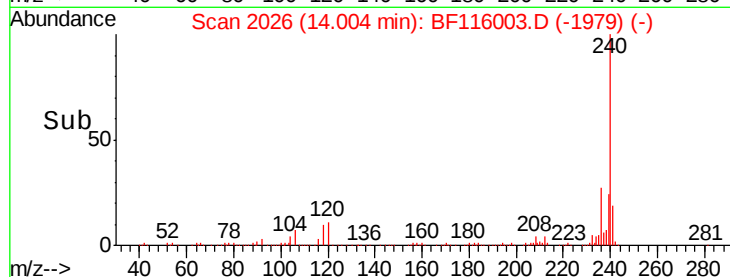
236 27.3 22.2 33.2



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: 1.801 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.24 min

Lab File: BF116003.D

Acq: 6 Aug 2019 10:42

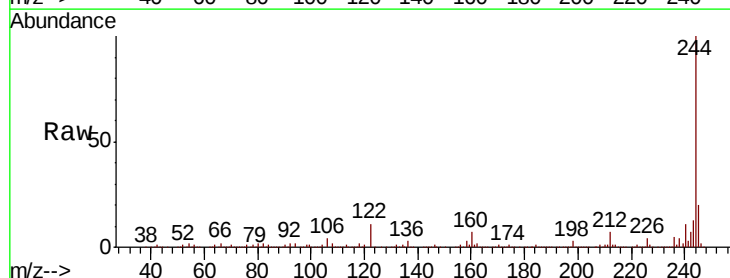
Tgt Ion:184 Resp: 28088

Ion Ratio Lower Upper

184 100

185 13.8 13.4 20.2

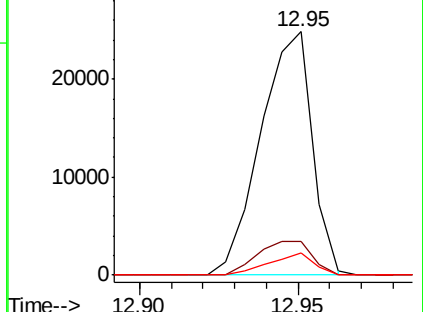
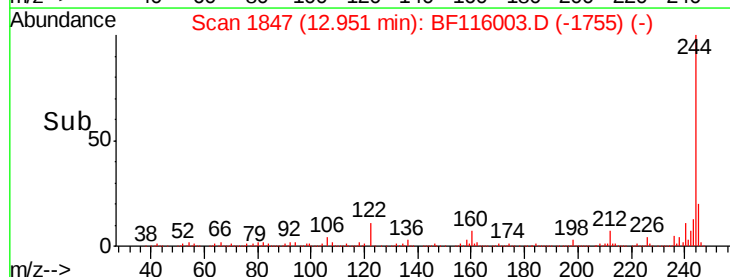
183 9.2 9.1 13.7

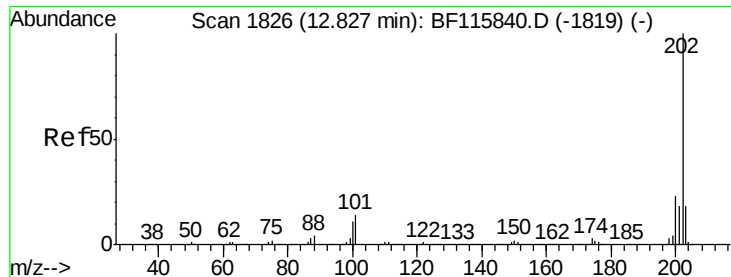


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

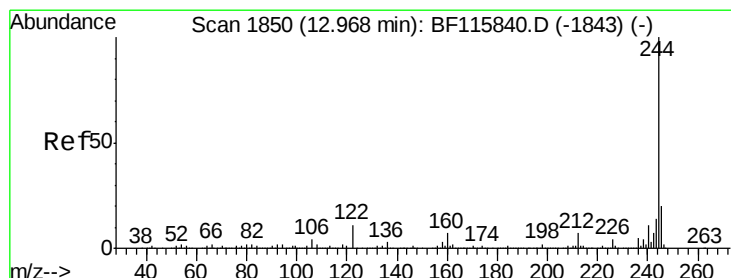
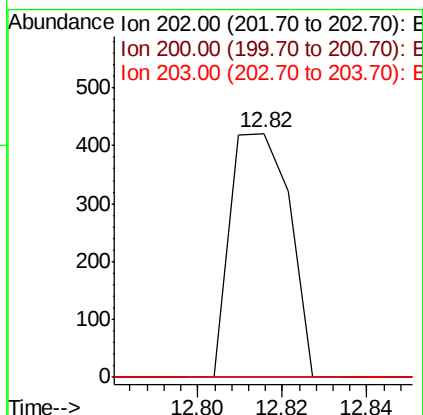
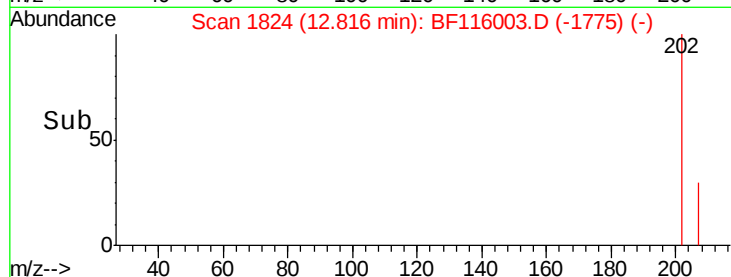
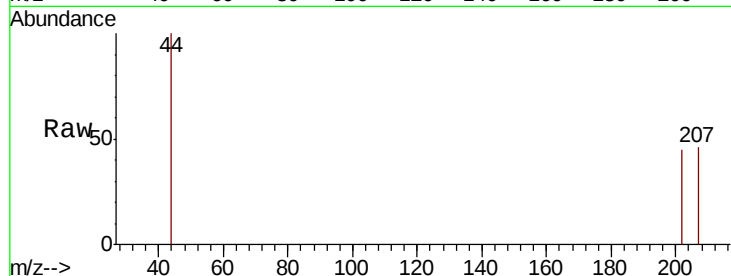




#78
Pvrene
Concen: 0.012 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF116003.D
Acq: 6 Aug 2019 10:42

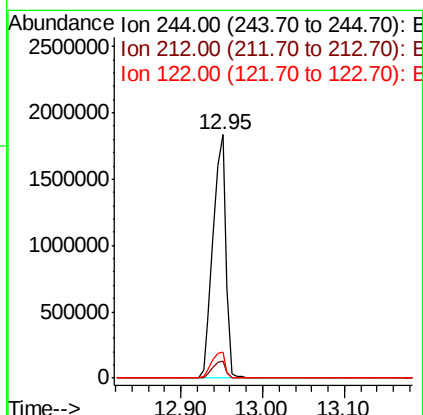
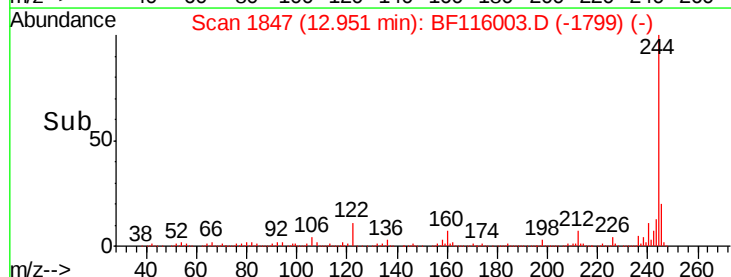
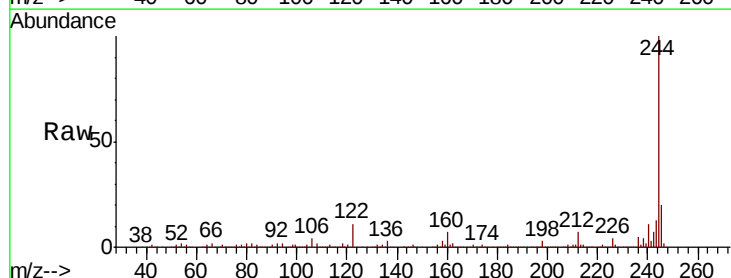
Instrument :
BNA_F
ClientSampleId :
PB121973BL

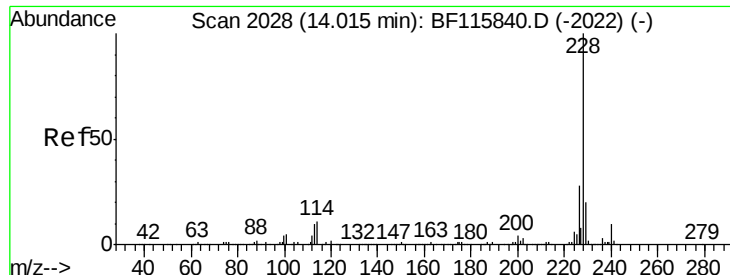
Tot Ion:202 Resp: 409
Ion Ratio Lower Upper
202 100
200 0.0 18.2 27.2#
203 0.0 14.3 21.5#



#79
Terphenyl-d14
Concen: 93.176 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF116003.D
Acq: 6 Aug 2019 10:42

Tgt Ion:244 Resp: 2040766
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 10.6 8.6 13.0





#81

Benzo(a)anthracene

Concen: 0.060 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF116003.D

Acq: 6 Aug 2019 10:42

Instrument :

BNA_F

ClientSampleId :

PB121973BL

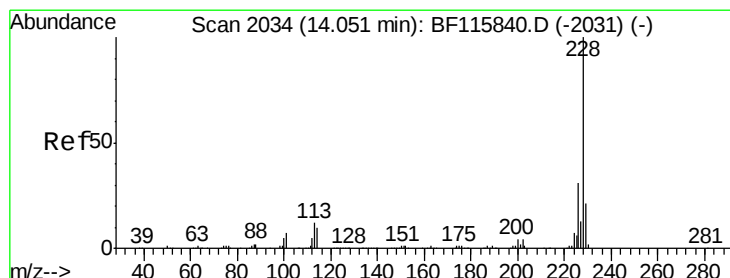
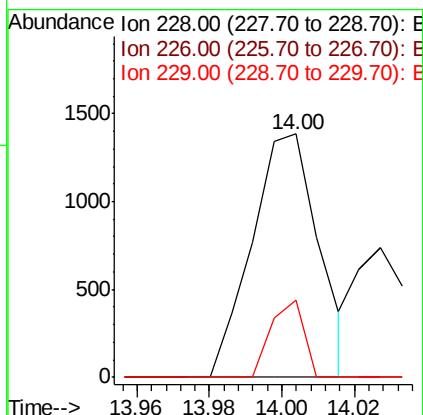
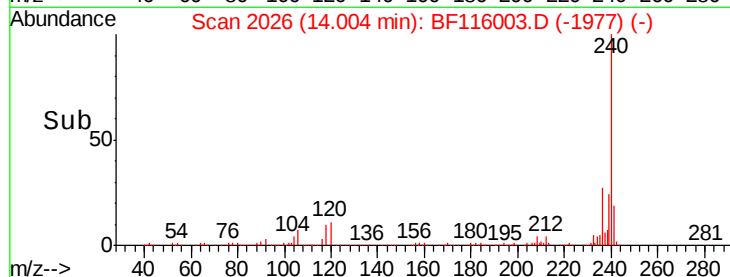
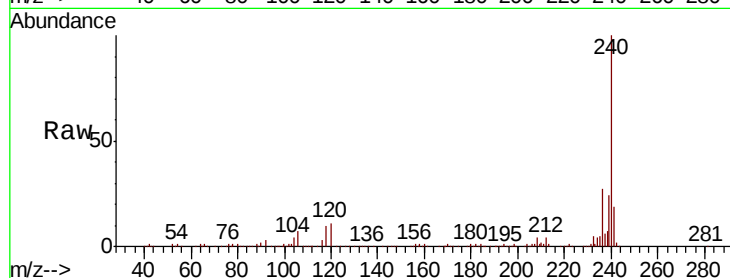
Tot Ion:228 Resp: 1775

Ion Ratio Lower Upper

228 100

226 0.0 22.5 33.7#

229 31.5 16.1 24.1#



#83

Chrysene

Concen: 0.062 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.05 min

Lab File: BF116003.D

Acq: 6 Aug 2019 10:42

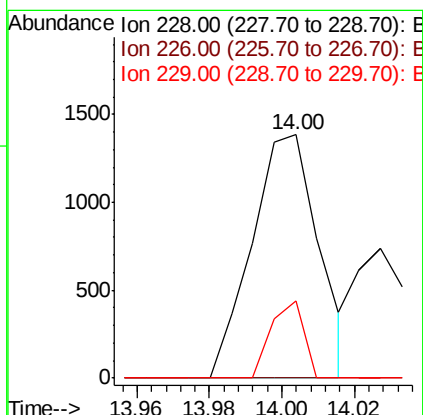
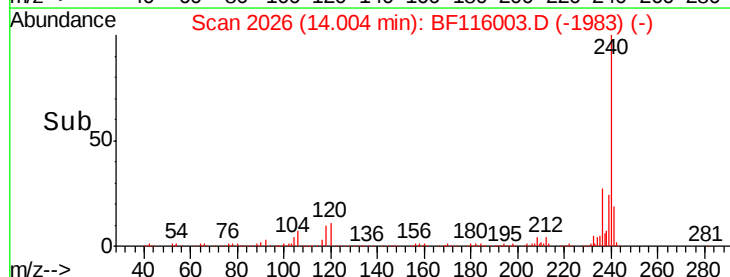
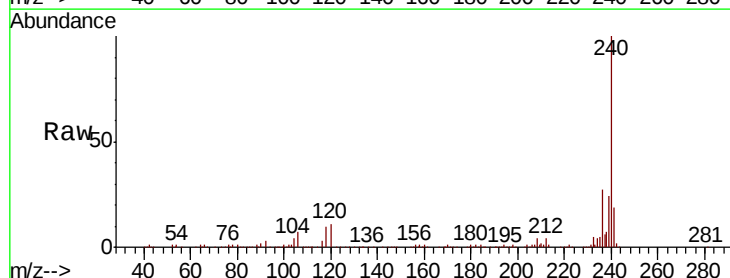
Tgt Ion:228 Resp: 1775

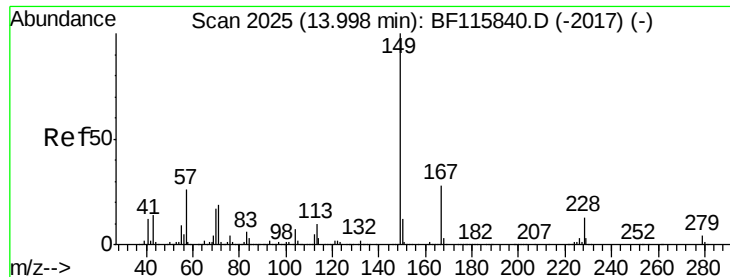
Ion Ratio Lower Upper

228 100

226 0.0 24.8 37.2#

229 31.5 16.4 24.6#





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.029 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BF116003.D

Acq: 6 Aug 2019 10:42

Instrument :

BNA_F

ClientSampleId :

PB121973BL

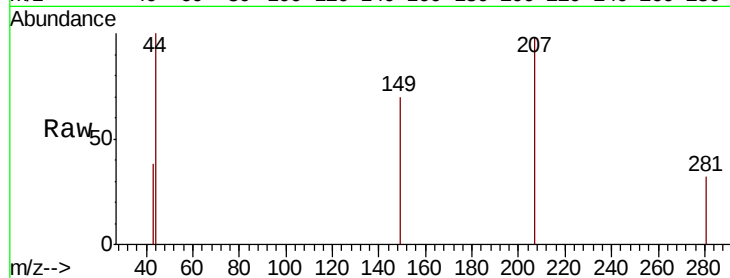
Tot Ion:149 Resp: 550

Ion Ratio Lower Upper

149 100

167 0.0 22.4 33.6#

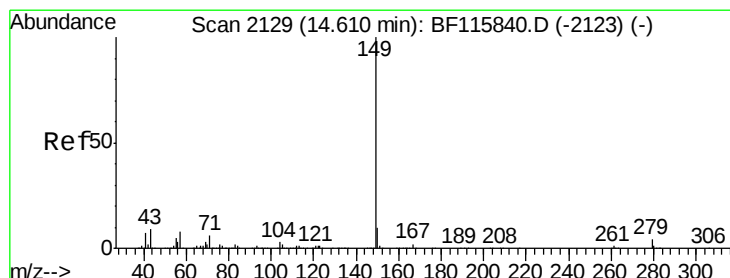
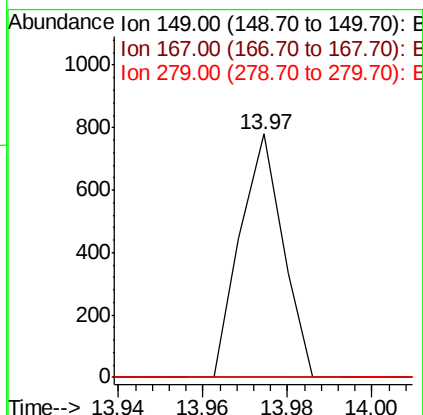
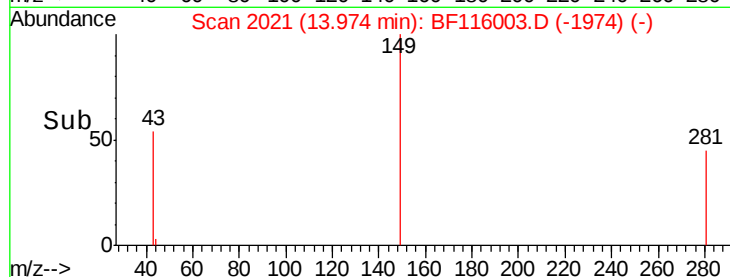
279 0.0 3.3 4.9#



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



#85

Di-n-octyl phthalate

Concen: 0.015 ng

RT: 14.59 min Scan# 2125

Delta R.T. -0.02 min

Lab File: BF116003.D

Acq: 6 Aug 2019 10:42

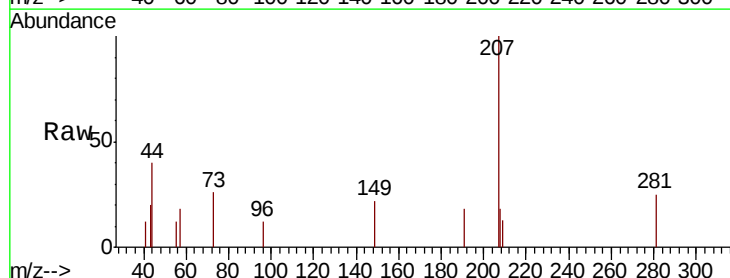
Tgt Ion:149 Resp: 450

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

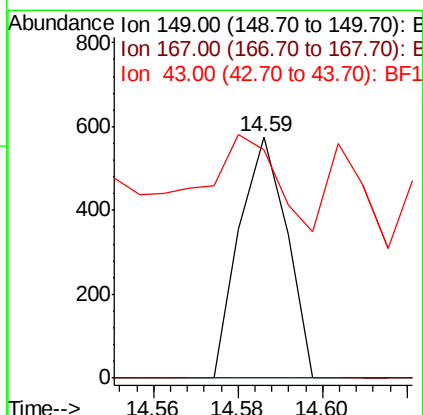
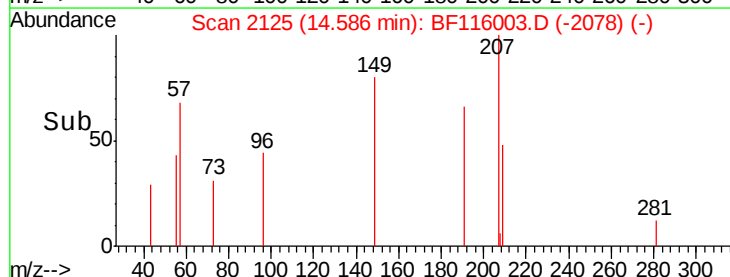
43 0.0 7.4 11.0#

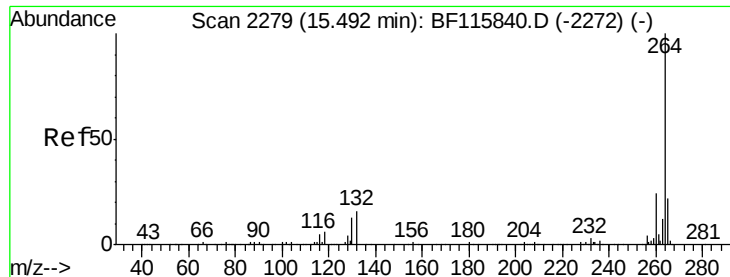


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

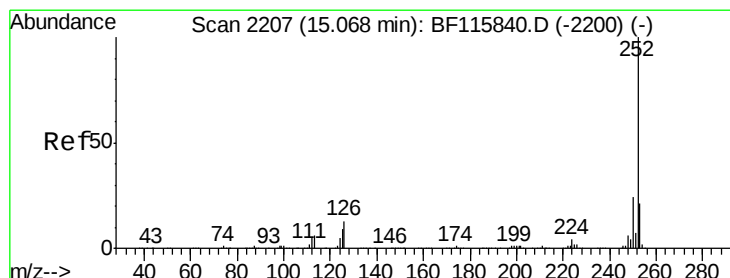
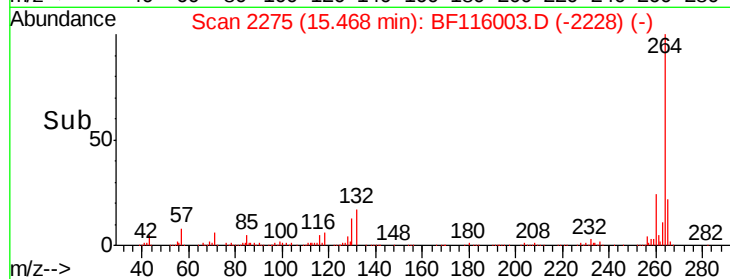
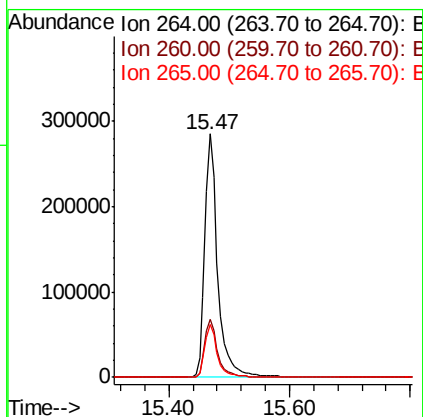
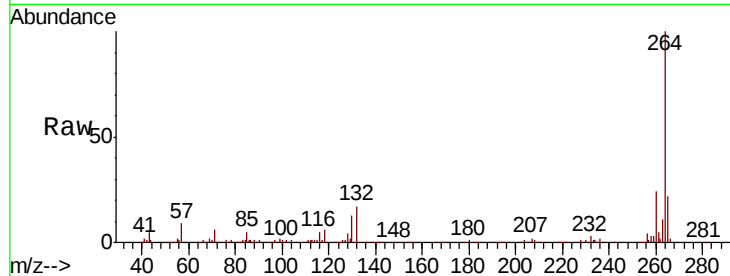




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.02 min
Lab File: BF116003.D
Acq: 6 Aug 2019 10:42

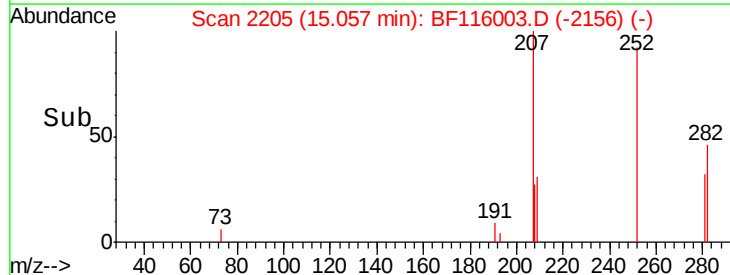
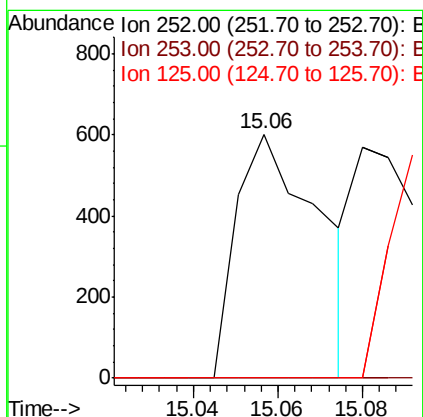
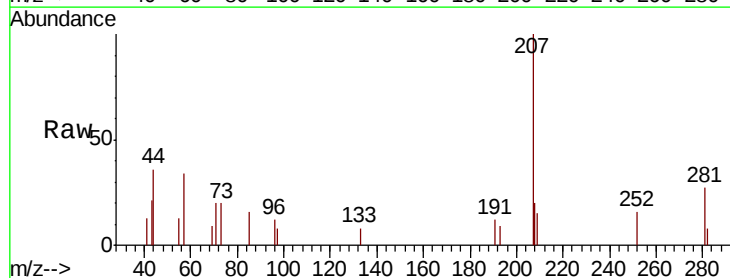
Instrument :
BNA_F
ClientSampleId :
PB121973BL

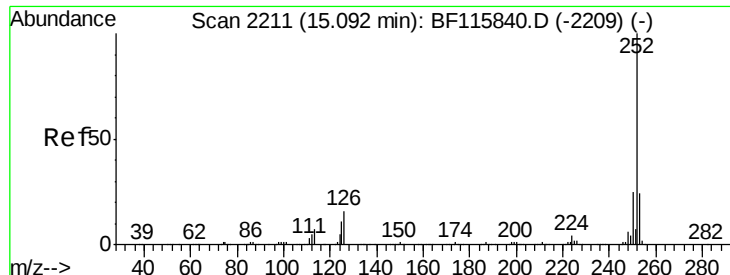
Tot Ion:264 Resp: 427537
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 21.9 17.5 26.3



#88
Benzo(b)fluoranthene
Concen: 0.033 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF116003.D
Acq: 6 Aug 2019 10:42

Tgt Ion:252 Resp: 816
Ion Ratio Lower Upper
252 100
253 0.0 17.2 25.8#
125 0.0 7.4 11.0#

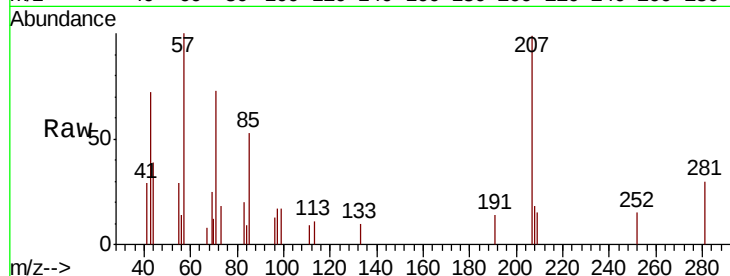




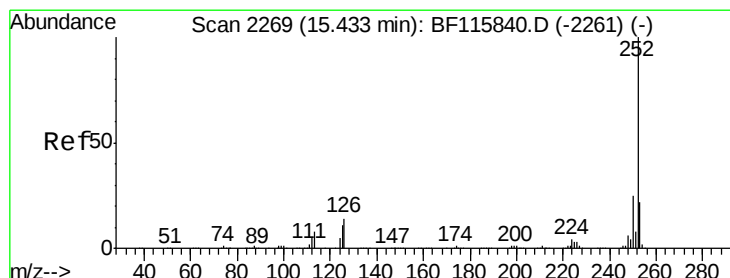
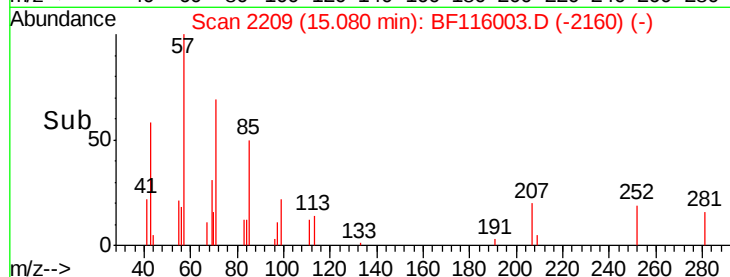
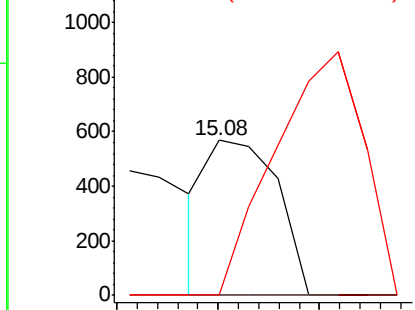
#89
Benzo(k)fluoranthene
Concen: 0.023 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF116003.D
Acq: 6 Aug 2019 10:42

Instrument :
BNA_F
ClientSampleId :
PB121973BL

Tot Ion:252 Resp: 544
Ion Ratio Lower Upper
252 100
253 0.0 18.2 27.4#
125 0.0 8.9 13.3#

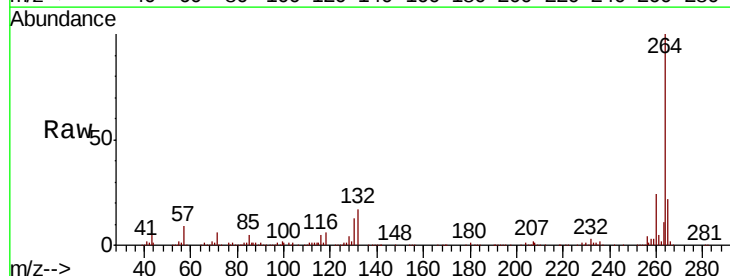


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 0.064 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.04 min
Lab File: BF116003.D
Acq: 6 Aug 2019 10:42

Tgt Ion:252 Resp: 1413
Ion Ratio Lower Upper
252 100
253 43.0 17.8 26.6#
125 104.9 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

