

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
 Data File : BF116004.D
 Acq On : 6 Aug 2019 11:09
 Operator : HP/JU
 Sample : PB121973TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121973TB

Quant Time: Aug 07 01:42:55 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	167147	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	646557	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	343468	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	610918	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	448656	20.00	ng	-0.03
87) Perylene-d12	15.46	264	422952	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	1183203	118.50	ng	0.01
7) Phenol-d6	6.48	99	1562944	124.07	ng	0.00
23) Nitrobenzene-d5	7.40	82	1039089	92.77	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	440201	132.19	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1771768	96.62	ng	-0.02
79) Terphenyl-d14	12.95	244	1957585	91.94	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.62	93	1584	0.088	ng	# 1
8) 2-Chlorophenol	6.63	128	287	0.026	ng	# 1
9) Benzaldehyde	6.48	77	2223	0.256	ng	# 1
10) Phenol	6.48	94	120	0.008	ng	# 1
11) bis(2-Chloroethyl)ether	6.62	93	1584	0.145	ng	# 1
15) Benzyl Alcohol	7.00	79	16861	1.764	ng	# 45
24) Nitrobenzene	7.40	77	3044	0.252	ng	# 37
38) 1-Methylnaphthalene	9.20	142	730	0.039	ng	# 46
46) 1,1'-Biphenyl	9.30	154	3356	0.138	ng	# 94
48) 2-Nitroaniline	9.20	65	2868	0.430	ng	# 1
52) Acenaphthene	9.87	154	1103	0.061	ng	# 5
58) Fluorene	10.67	166	17920	0.887	ng	# 88
63) Azobenzene	10.66	77	2109	0.094	ng	# 8
65) 4,6-Dinitro-2-methylphenol	10.66	198	842	0.260	ng	# 1
66) n-Nitrosodiphenylamine	10.67	169	12578	0.684	ng	# 45
71) Phenanthrene	11.38	178	330	0.011	ng	# 59
72) Anthracene	11.38	178	330	0.010	ng	# 60
74) Di-n-butylphthalate	11.92	149	534	0.016	ng	# 77
75) Fluoranthene	12.59	202	220	0.007	ng	# 64
77) Benzydine	12.95	184	25891	1.708	ng	# 97
78) Pyrene	12.82	202	256	0.008	ng	# 56
81) Benzo(a)anthracene	14.00	228	1460	0.051	ng	# 62
83) Chrysene	14.03	228	548	0.020	ng	# 48
84) Bis(2-ethylhexyl)phthalate	13.97	149	268	0.014	ng	# 52
85) Di-n-octyl phthalate	14.58	149	237	0.008	ng	# 1
88) Benzo(b)fluoranthene	15.05	252	640	0.026	ng	# 61
89) Benzo(k)fluoranthene	15.05	252	640	0.027	ng	# 59
90) Benzo(a)pyrene	15.46	252	1019	0.047	ng	# 22

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

```
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Operator  : HP/JU  
Sample    : PB121973TB  
Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
```

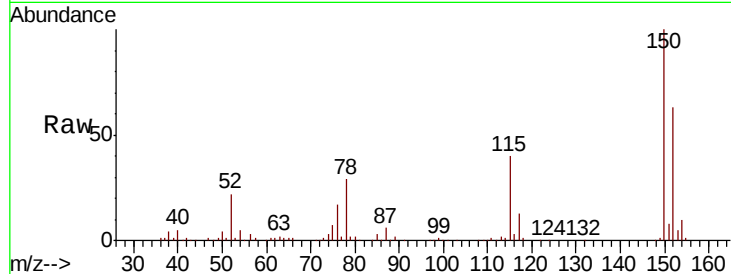


#1

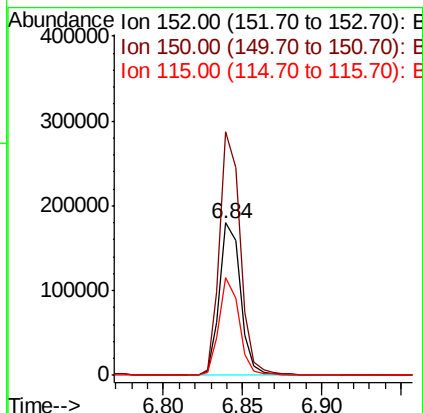
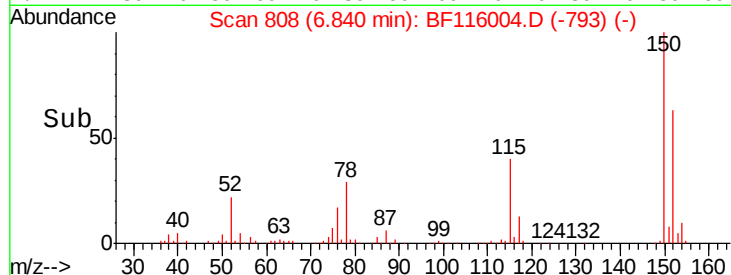
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116004.D
Acq: 6 Aug 2019 11:09

Instrument :
BNA_F
ClientSampleId :
PB121973TB

Tot Ion:152 Resp: 167147
Ion Ratio Lower Upper
152 100
150 159.9 127.4 191.0
115 64.0 51.8 77.8



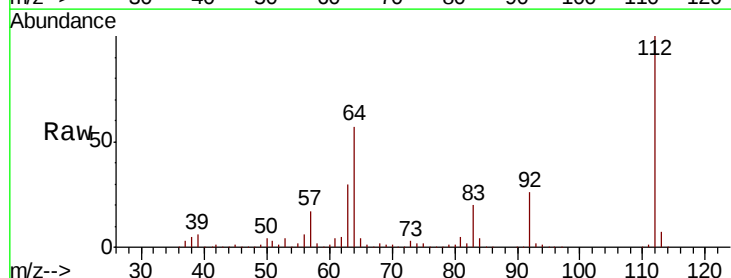
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



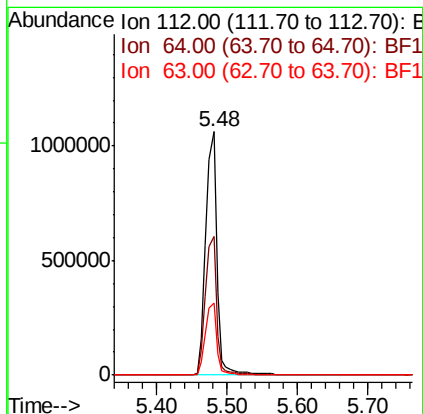
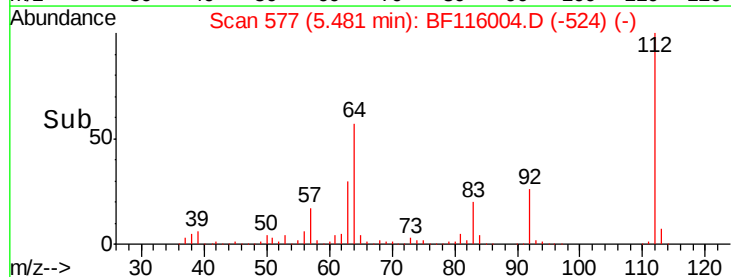
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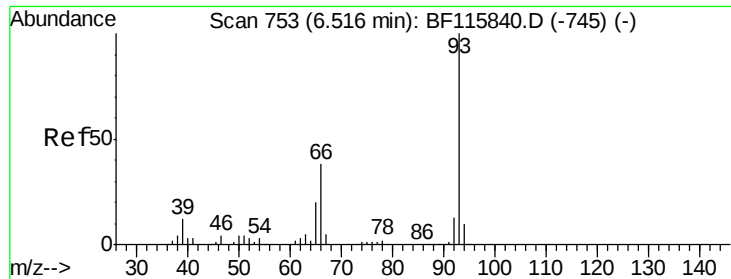
2-Fluorophenol
Concen: 118.504 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF116004.D
Acq: 6 Aug 2019 11:09

Tgt Ion:112 Resp: 1183203
Ion Ratio Lower Upper
112 100
64 56.8 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: 0.088 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.10 min

Lab File: BF116004.D

Acq: 6 Aug 2019 11:09

Instrument :

BNA_F

ClientSampleId :

PB121973TB

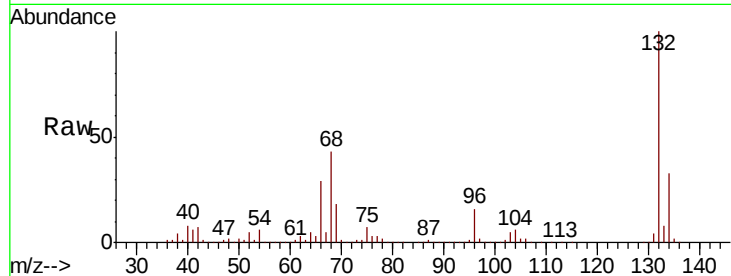
Tot Ion: 93 Resp: 1584

Ion Ratio Lower Upper

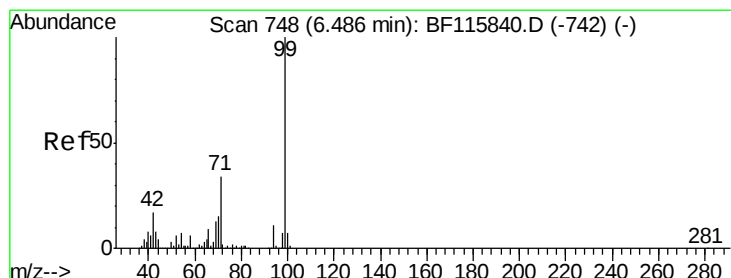
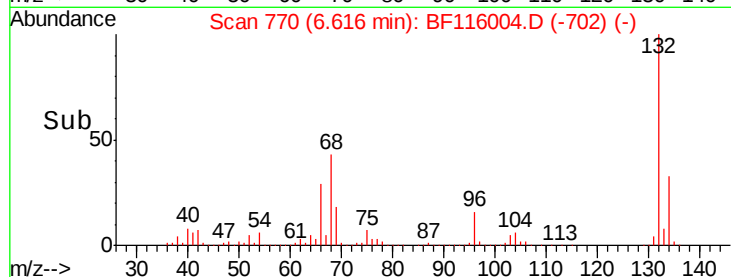
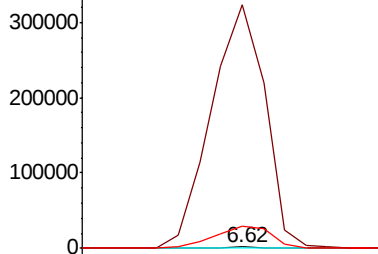
93 100

66 19349.4 31.4 47.0#

65 1802.5 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: 124.070 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116004.D

Acq: 6 Aug 2019 11:09

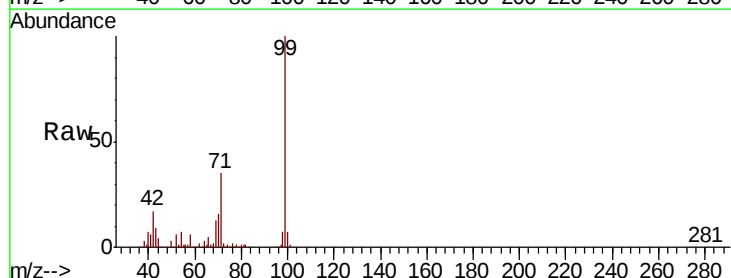
Tgt Ion: 99 Resp: 1562944

Ion Ratio Lower Upper

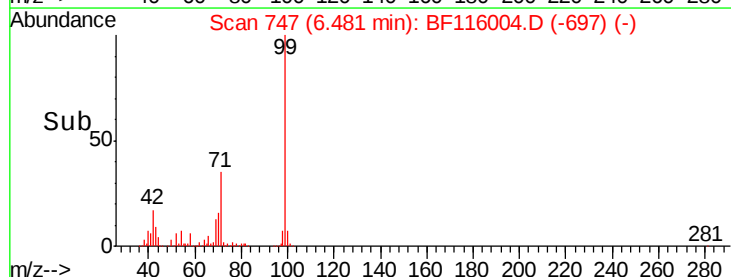
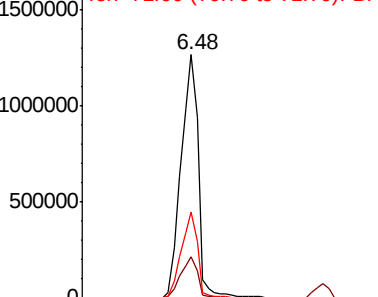
99 100

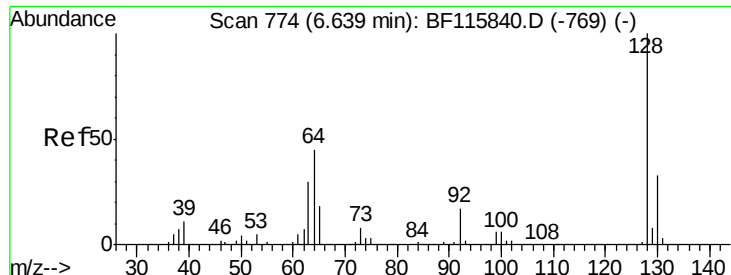
42 17.1 13.8 20.6

71 35.4 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: 0.026 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF116004.D

Acq: 6 Aug 2019 11:09

Instrument :

BNA_F

ClientSampleId :

PB121973TB

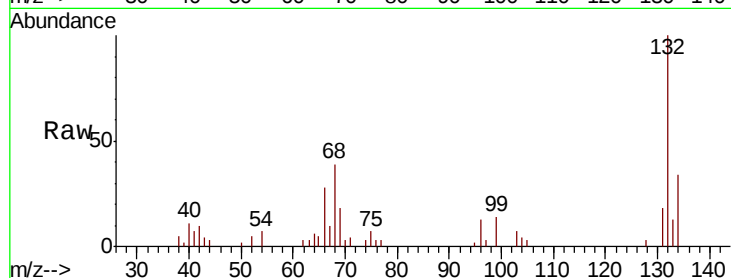
Tot Ion:128 Resp: 287

Ion Ratio Lower Upper

128 100

130 0.0 12.9 52.9#

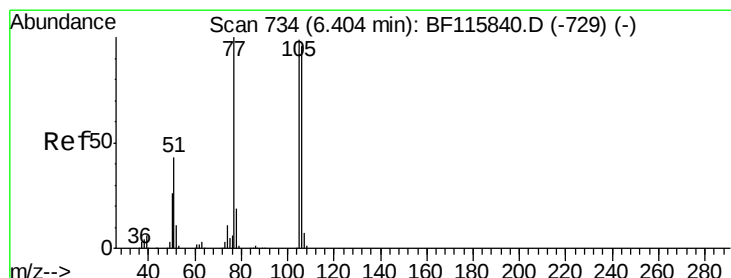
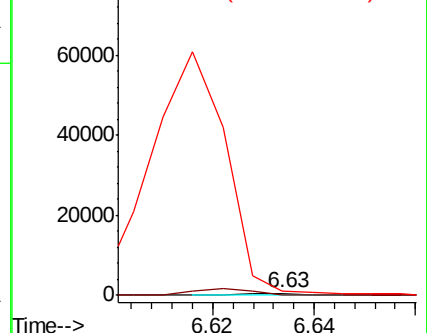
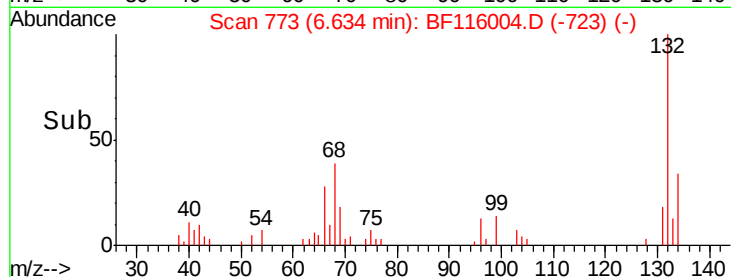
64 210.1 26.1 66.1#



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: 0.256 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.08 min

Lab File: BF116004.D

Acq: 6 Aug 2019 11:09

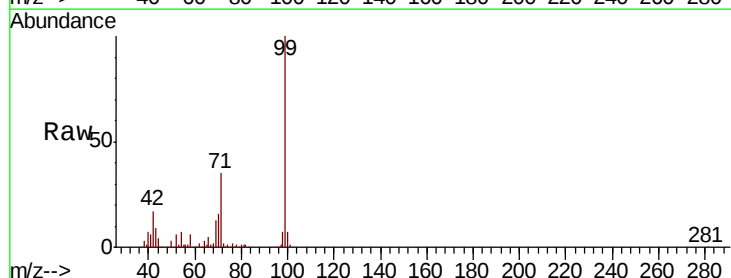
Tgt Ion: 77 Resp: 2223

Ion Ratio Lower Upper

77 100

105 0.0 79.0 119.0#

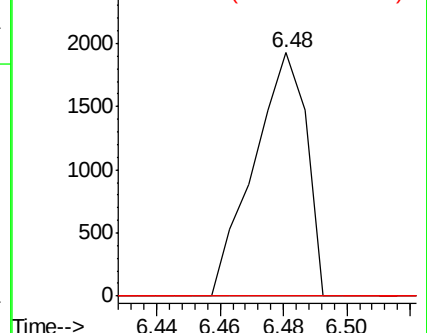
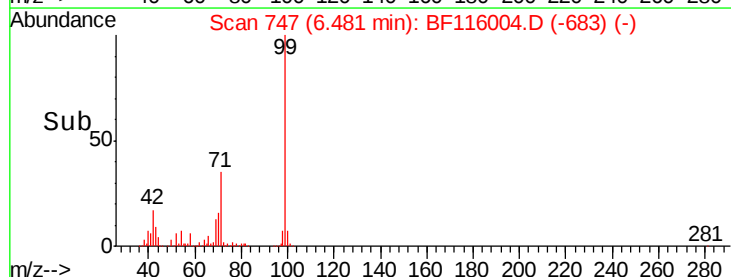
106 0.0 76.2 116.2#

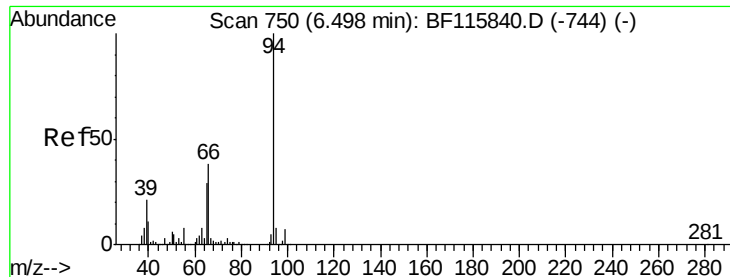


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.008 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF116004.D

Acq: 6 Aug 2019 11:09

Instrument :

BNA_F

ClientSampleId :

PB121973TB

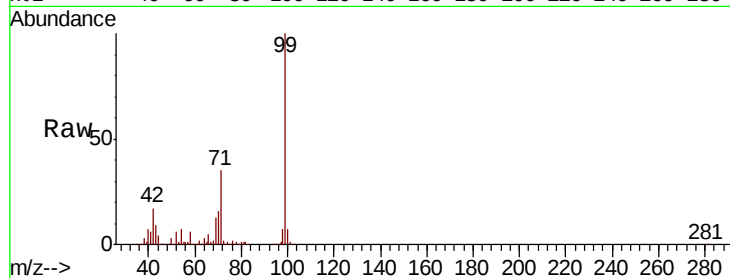
Tot Ion: 94 Resp: 120

Ion Ratio Lower Upper

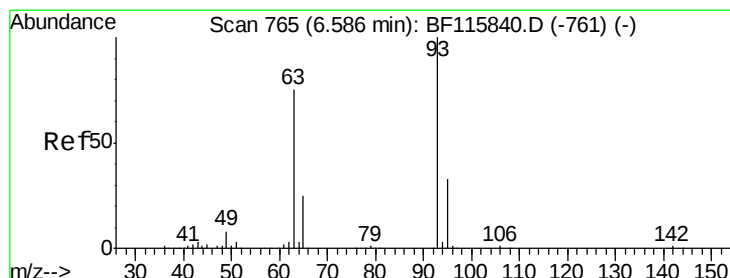
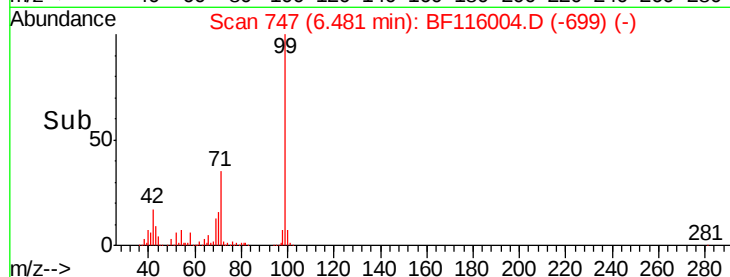
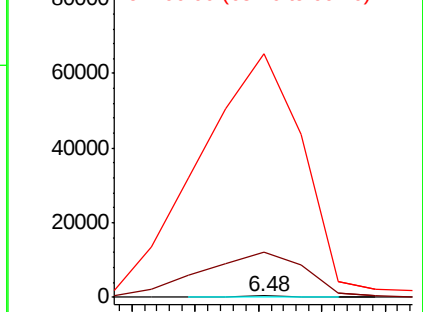
94 100

65 3590.0 8.9 48.9#

66 19141.3 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: 0.145 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.03 min

Lab File: BF116004.D

Acq: 6 Aug 2019 11:09

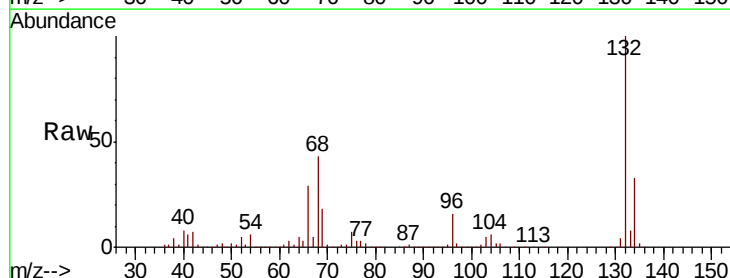
Tgt Ion: 93 Resp: 1584

Ion Ratio Lower Upper

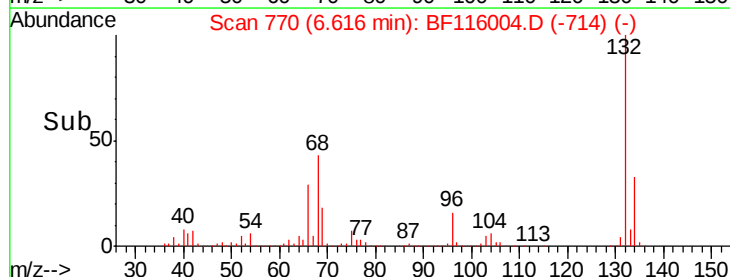
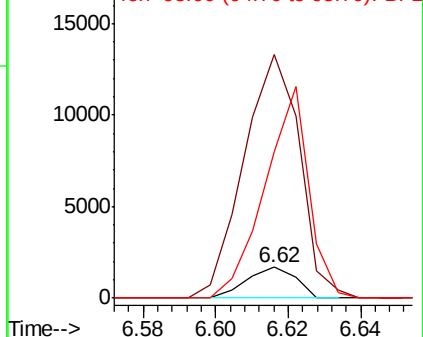
93 100

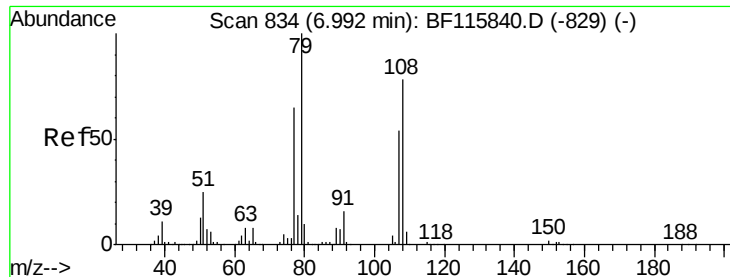
63 796.2 54.9 94.9#

95 477.7 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: 1.764 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF116004.D

Acq: 6 Aug 2019 11:09

Instrument :

BNA_F

ClientSampleId :

PB121973TB

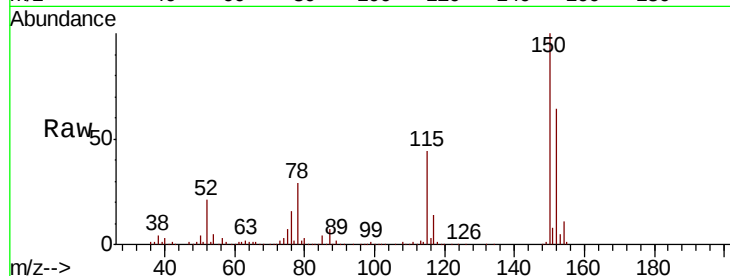
Tot Ion: 79 Resp: 16861

Ion Ratio Lower Upper

79 100

108 33.9 62.8 94.2#

77 111.8 52.0 78.0#

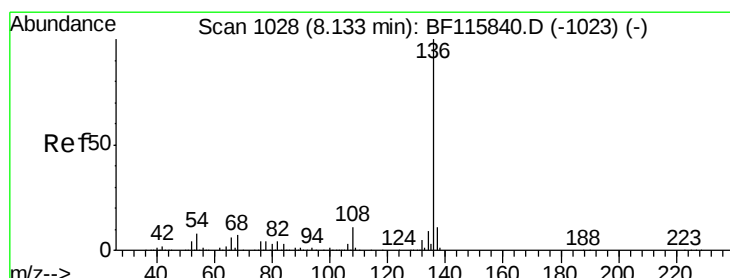
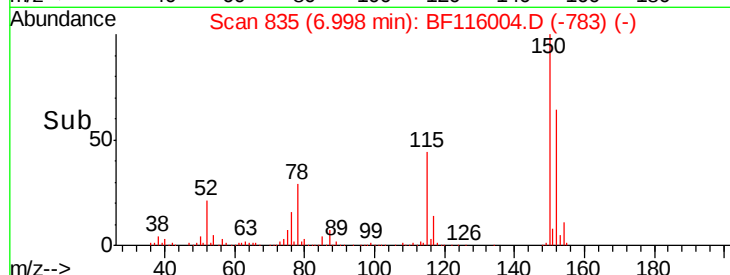
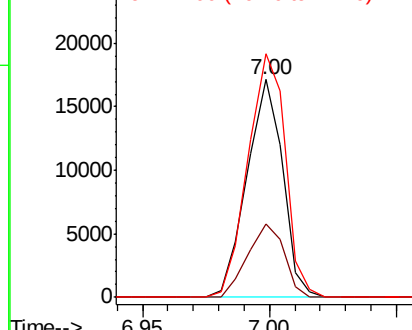


Abundance

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: BF116004.D

Acq: 6 Aug 2019 11:09

Tgt Ion: 136 Resp: 646557

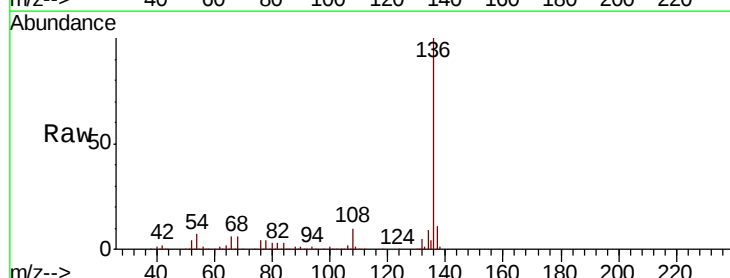
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.3 6.1 9.1

68 6.4 5.4 8.2



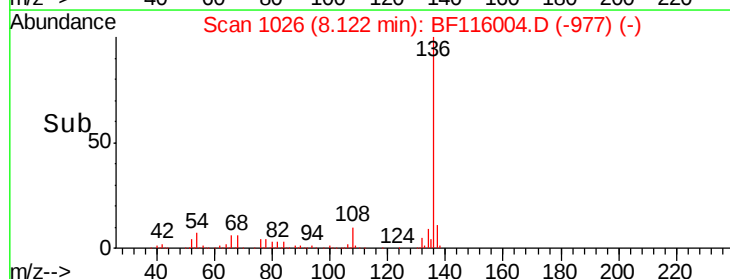
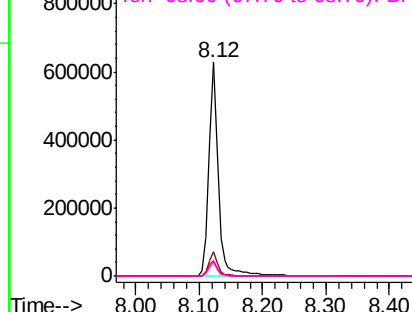
Abundance

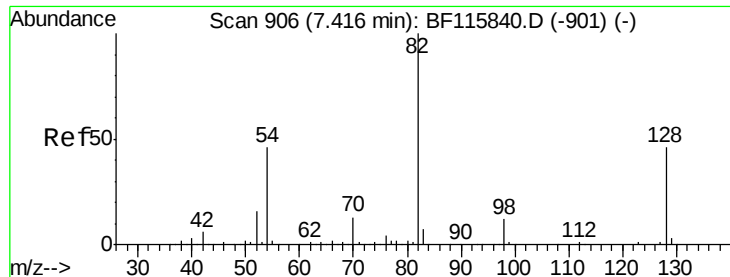
Ion 136.00 (135.70 to 136.70): BF1

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

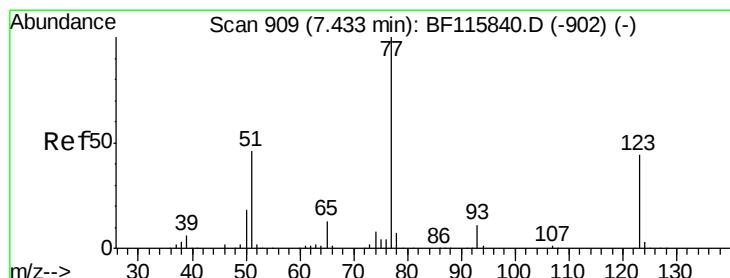
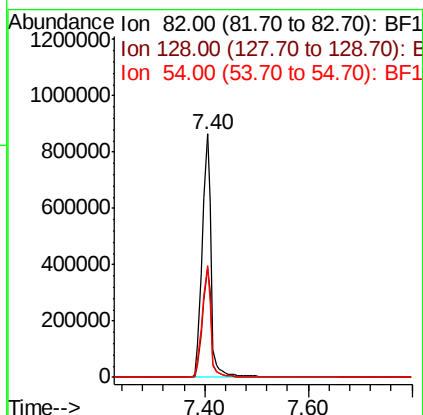
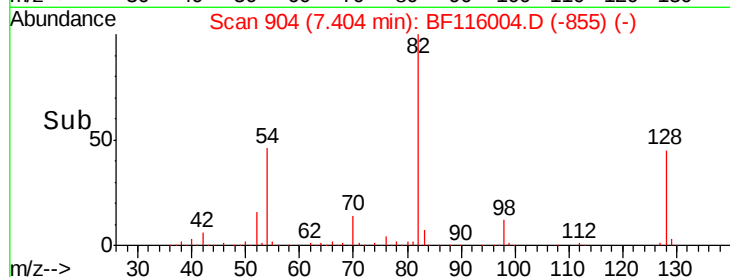
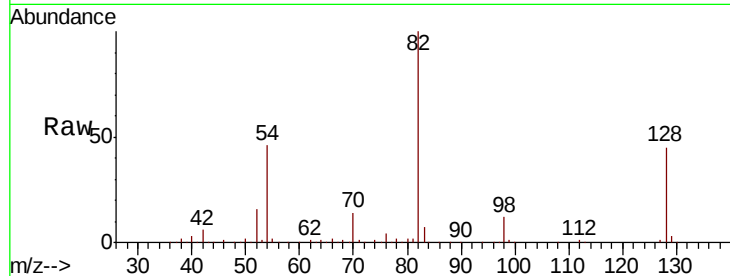




#23
Nitrobenzene-d5
Concen: 92.767 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116004.D
Acq: 6 Aug 2019 11:09

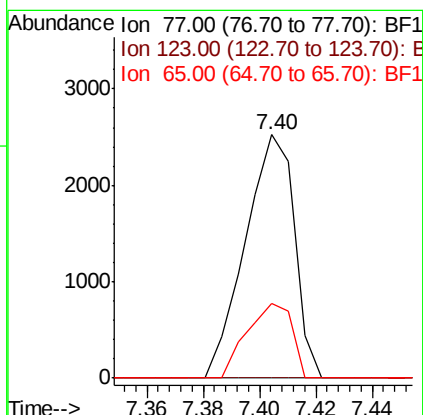
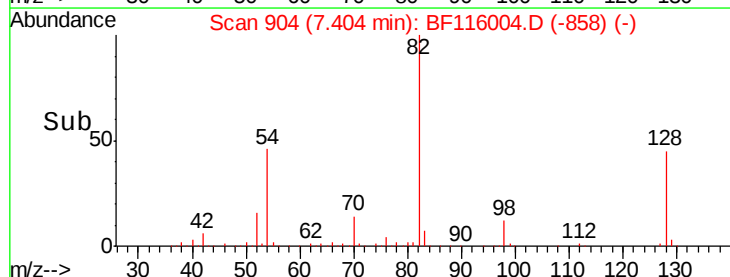
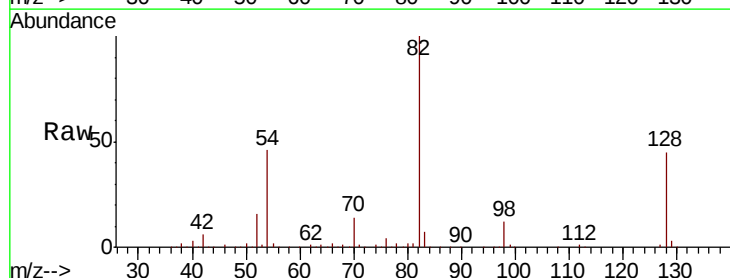
Instrument :
BNA_F
ClientSampleId :
PB121973TB

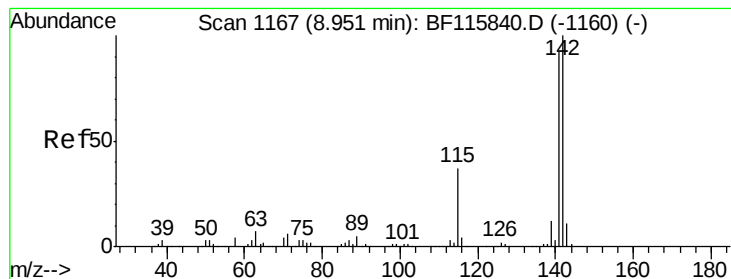
Tot Ion: 82 Resp: 1039089
Ion Ratio Lower Upper
82 100
128 44.7 36.6 55.0
54 45.8 36.6 55.0



#24
Nitrobenzene
Concen: 0.252 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.03 min
Lab File: BF116004.D
Acq: 6 Aug 2019 11:09

Tgt Ion: 77 Resp: 3044
Ion Ratio Lower Upper
77 100
123 0.0 35.5 53.3#
65 30.9 10.6 15.8#





#38

1-Methylnaphthalene

Concen: 0.039 ng

RT: 9.20 min Scan# 1209

Delta R.T. 0.25 min

Lab File: BF116004.D

Acq: 6 Aug 2019 11:09

Instrument :

BNA_F

ClientSampleId :

PB121973TB

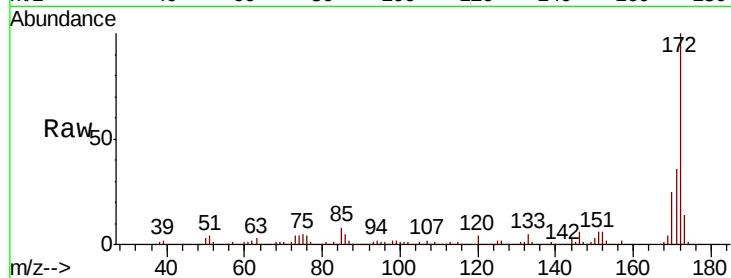
Tot Ion:142 Resp: 730

Ion Ratio Lower Upper

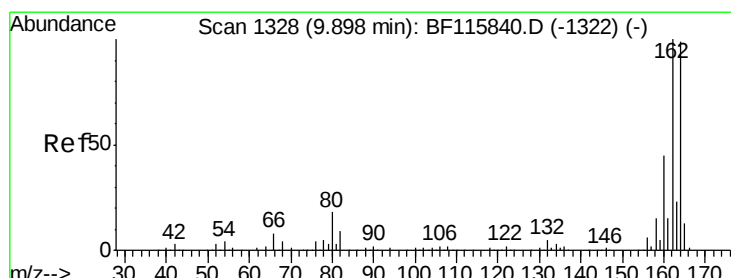
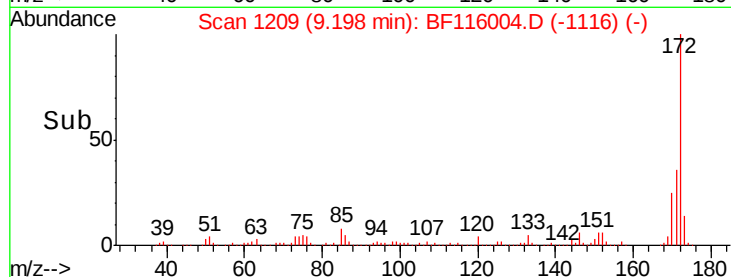
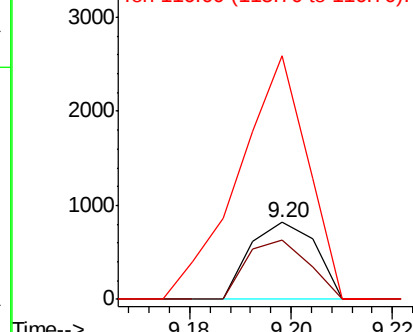
142 100

141 77.0 73.8 110.6

116 317.5 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: BF116004.D

Acq: 6 Aug 2019 11:09

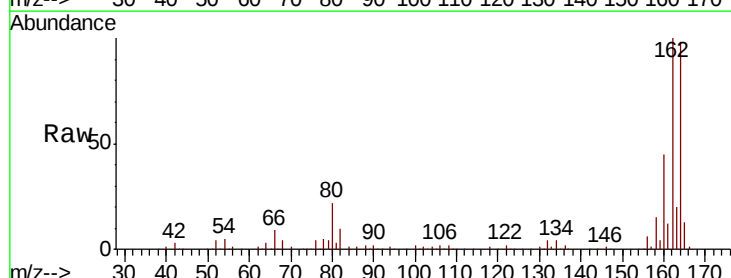
Tgt Ion:164 Resp: 343468

Ion Ratio Lower Upper

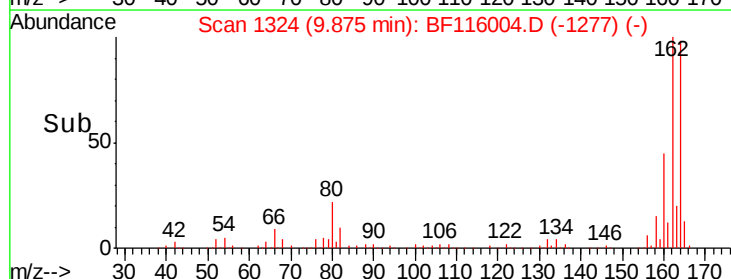
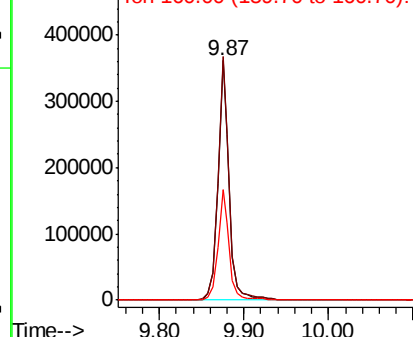
164 100

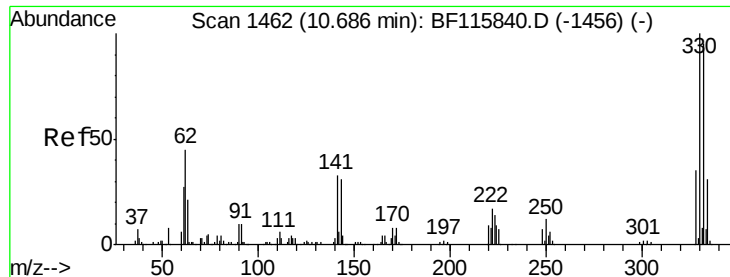
162 101.6 80.8 121.2

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: 132.192 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BF116004.D

Acq: 6 Aug 2019 11:09

Instrument :

BNA_F

ClientSampleId :

PB121973TB

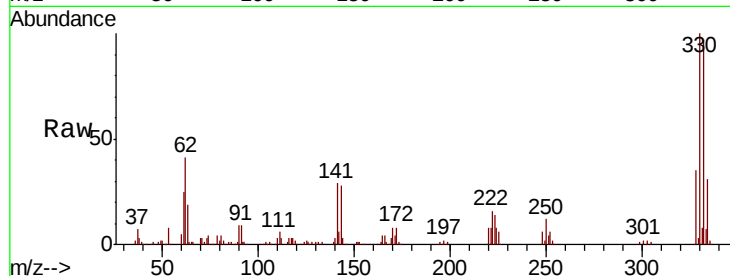
Tot Ion:330 Resp: 440201

Ion Ratio Lower Upper

330 100

332 96.2 77.7 116.5

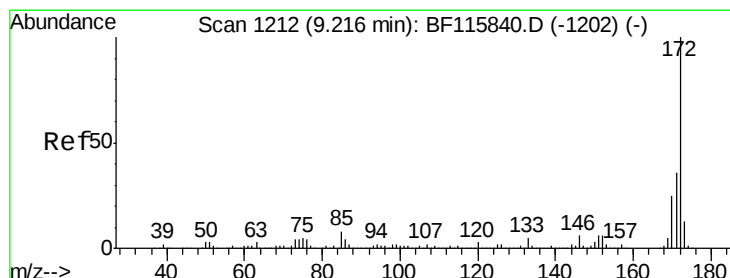
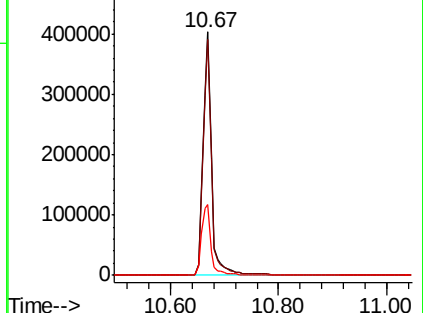
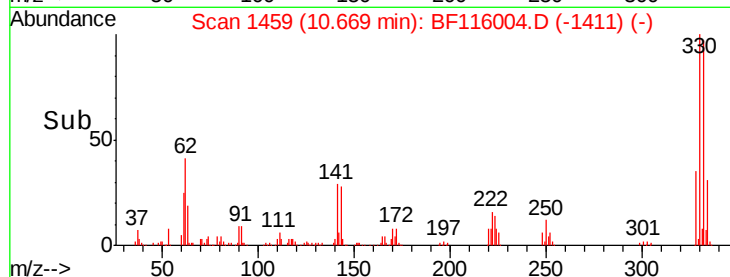
141 32.8 28.1 42.1



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: 96.622 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.02 min

Lab File: BF116004.D

Acq: 6 Aug 2019 11:09

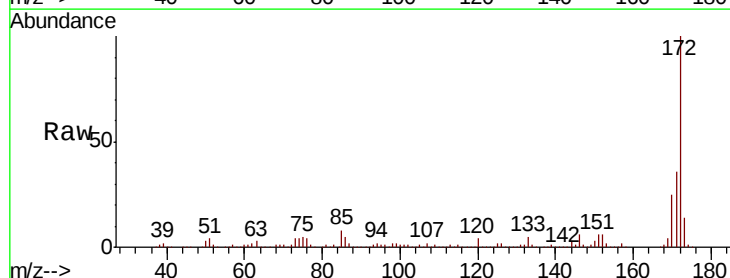
Tgt Ion:172 Resp: 1771768

Ion Ratio Lower Upper

172 100

171 36.5 29.1 43.7

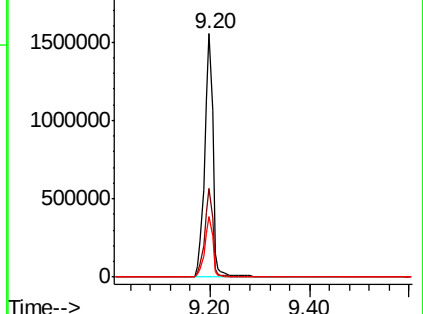
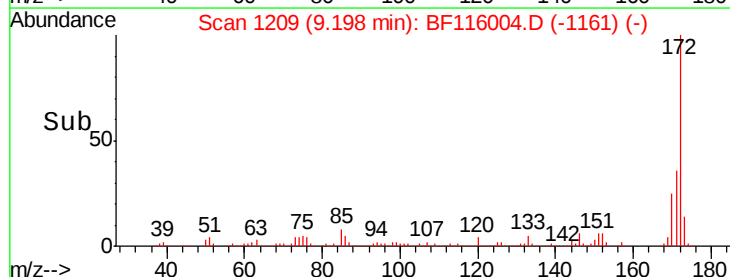
170 25.0 20.1 30.1

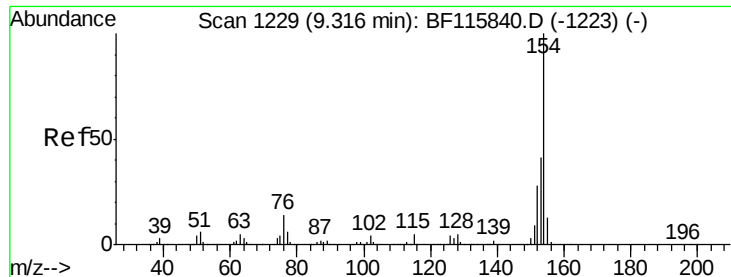


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

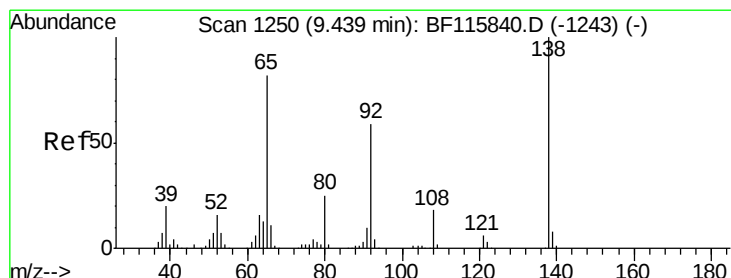
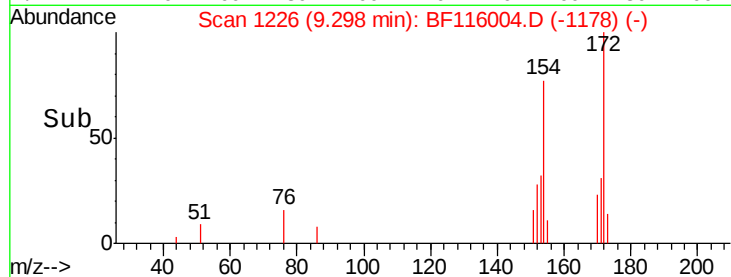
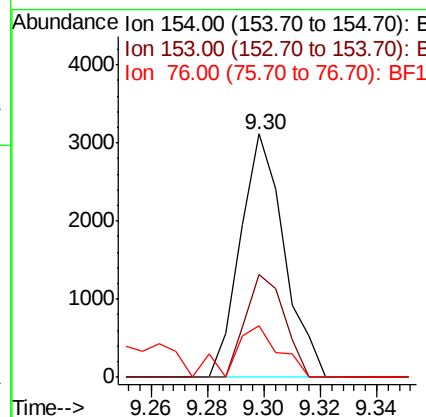
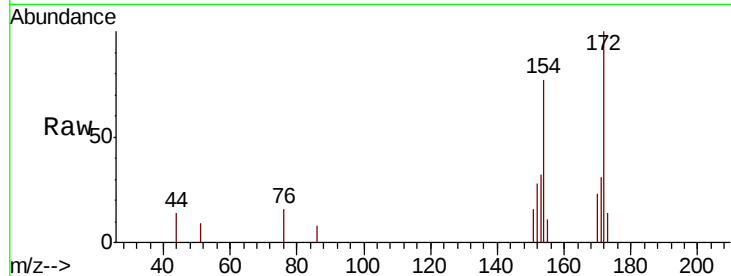




#46
 1,1'-Biphenyl
 Concen: 0.138 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.02 min
 Lab File: BF116004.D
 Acq: 6 Aug 2019 11:09

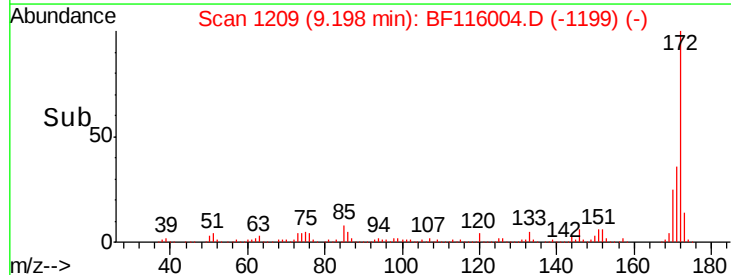
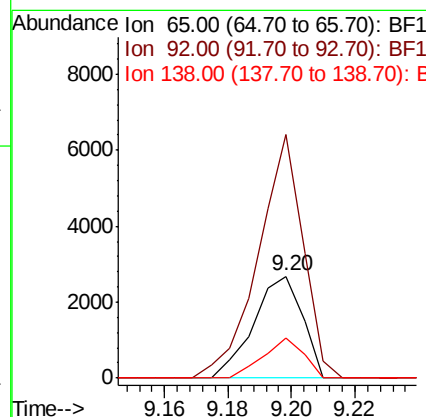
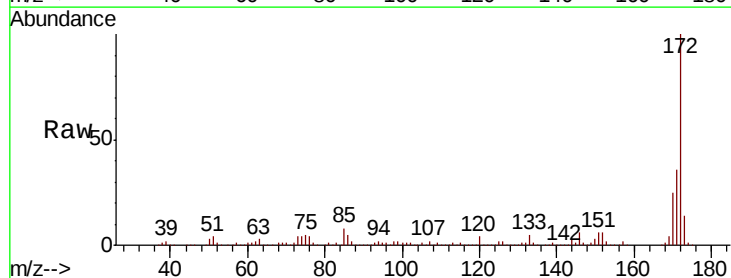
Instrument :
 BNA_F
 ClientSampleId :
 PB121973TB

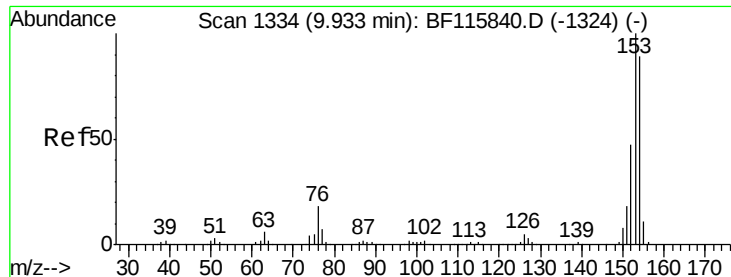
Tot Ion:154 Resp: 3356
 Ion Ratio Lower Upper
 154 100
 153 42.3 20.9 60.9
 76 21.2 0.0 34.3



#48
 2-Nitroaniline
 Concen: 0.430 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.24 min
 Lab File: BF116004.D
 Acq: 6 Aug 2019 11:09

Tgt Ion: 65 Resp: 2868
 Ion Ratio Lower Upper
 65 100
 92 239.8 57.1 85.7#
 138 39.5 97.1 145.7#





#52

Acenaphthene

Concen: 0.061 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.06 min

Lab File: BF116004.D

Acq: 6 Aug 2019 11:09

Instrument :

BNA_F

ClientSampleId :

PB121973TB

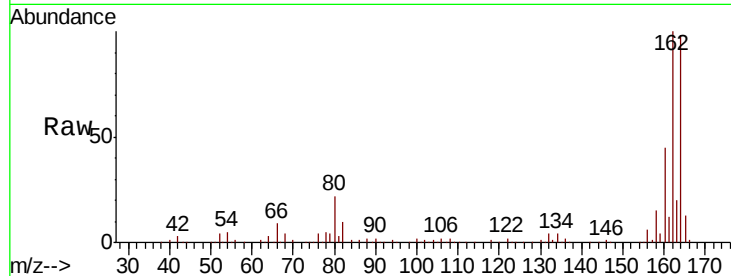
Tot Ion:154 Resp: 1103

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

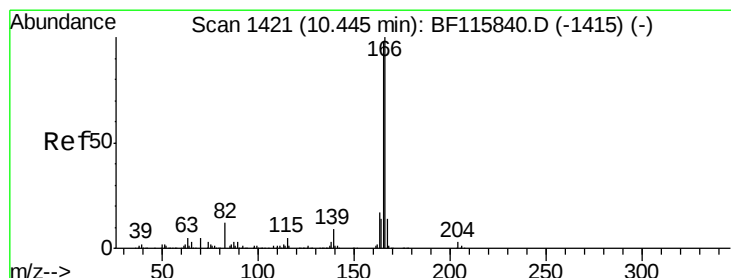
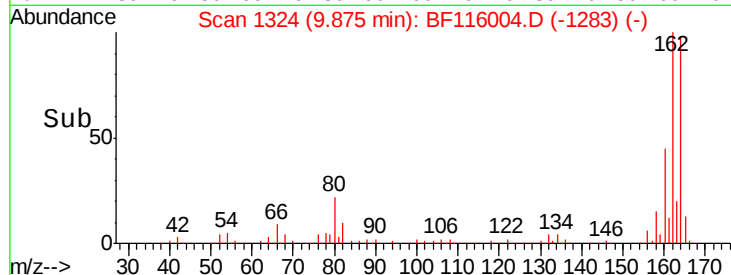
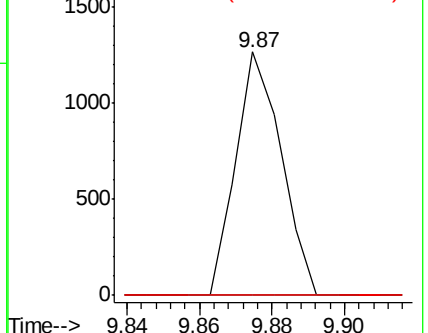
152 0.0 42.6 63.8#



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: 0.887 ng

RT: 10.67 min Scan# 1459

Delta R.T. 0.22 min

Lab File: BF116004.D

Acq: 6 Aug 2019 11:09

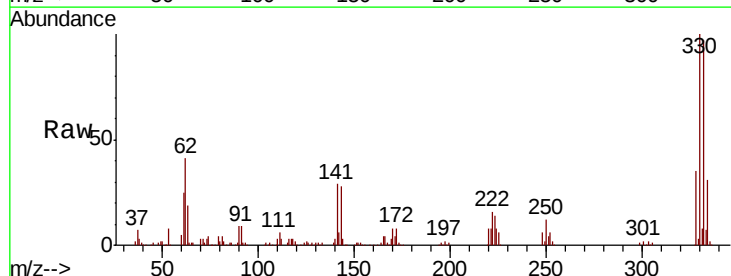
Tgt Ion:166 Resp: 17920

Ion Ratio Lower Upper

166 100

165 104.3 78.6 118.0

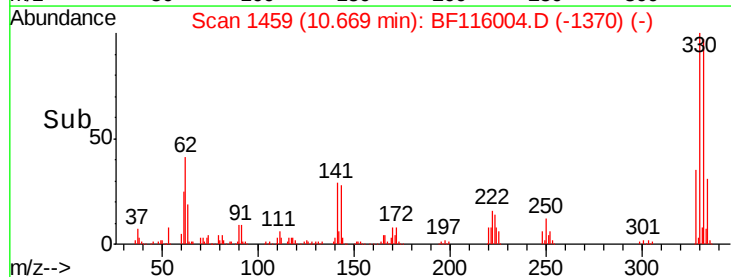
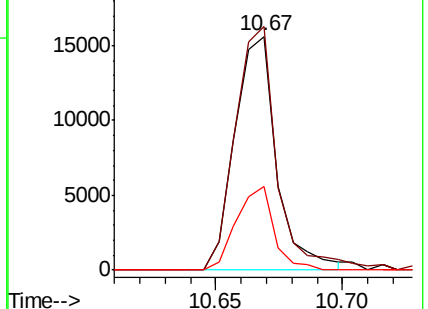
167 36.0 10.9 16.3#

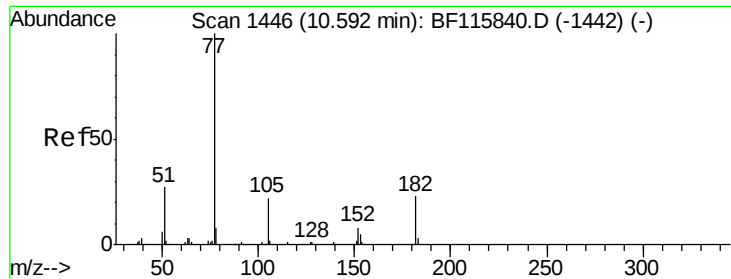


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

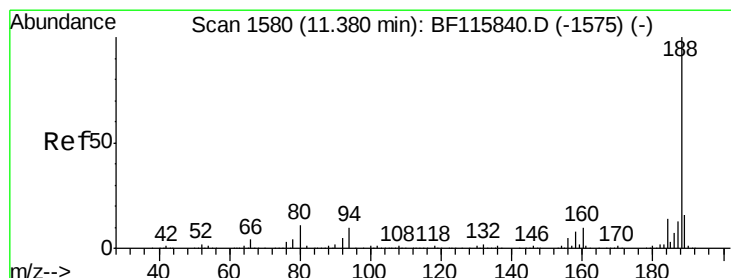
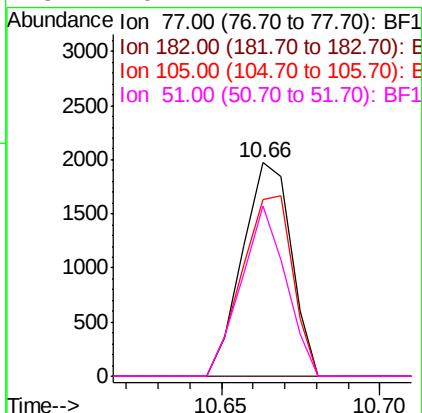
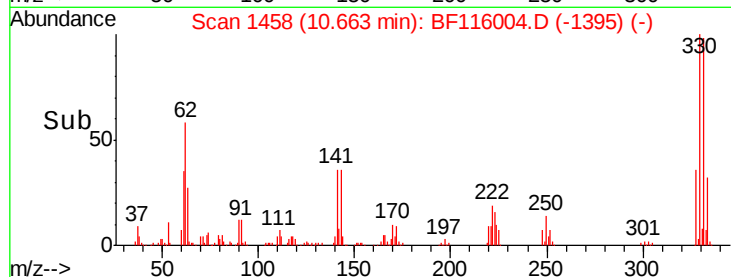
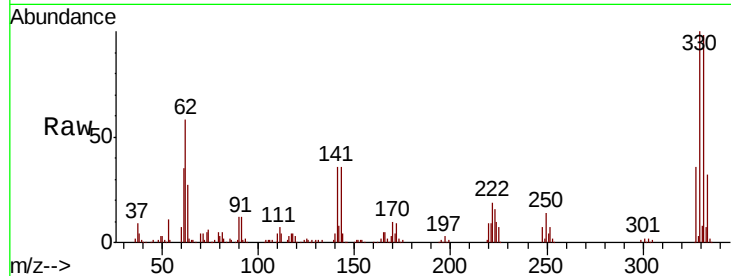




#63
Azobenzene
Concen: 0.094 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.07 min
Lab File: BF116004.D
Acq: 6 Aug 2019 11:09

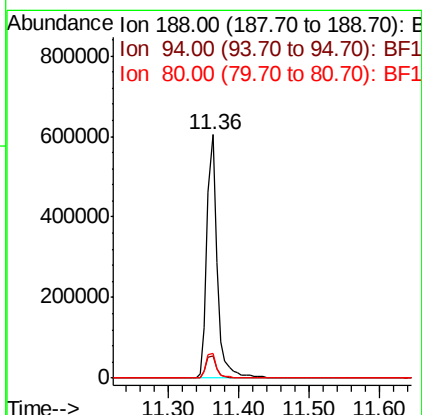
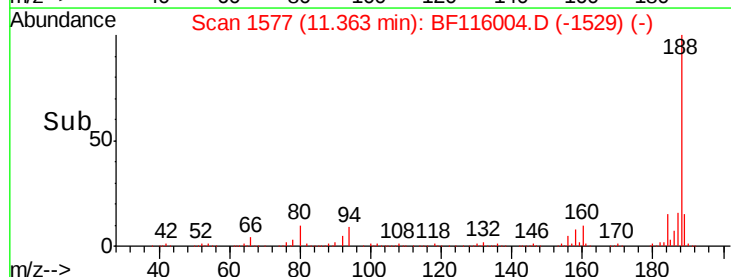
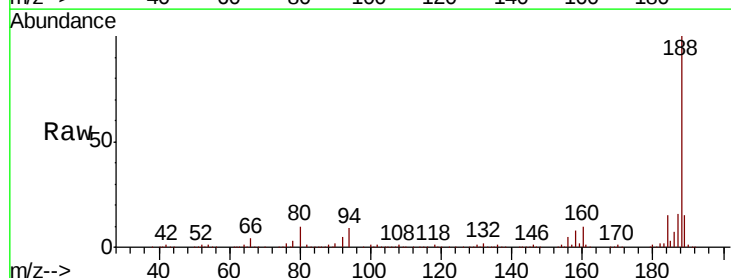
Instrument :
BNA_F
ClientSampleId :
PB121973TB

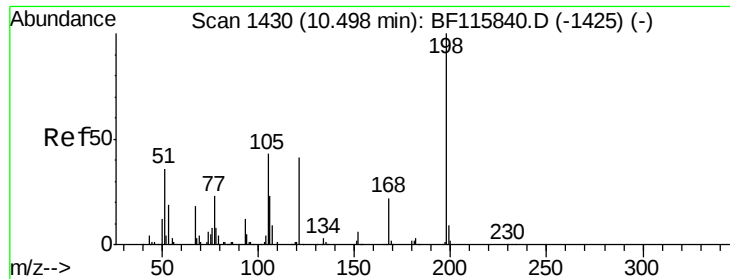
Tot Ion: 77 Resp: 2109
Ion Ratio Lower Upper
77 100
182 0.0 2.6 42.6#
105 83.0 1.6 41.6#
51 79.7 7.4 47.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF116004.D
Acq: 6 Aug 2019 11:09

Tgt Ion: 188 Resp: 610918
Ion Ratio Lower Upper
188 100
94 9.3 8.0 12.0
80 10.2 8.6 12.8





#65

4,6-Dinitro-2-methylphenol

Concen: 0.260 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.16 min

Lab File: BF116004.D

Acq: 6 Aug 2019 11:09

Instrument :

BNA_F

ClientSampleId :

PB121973TB

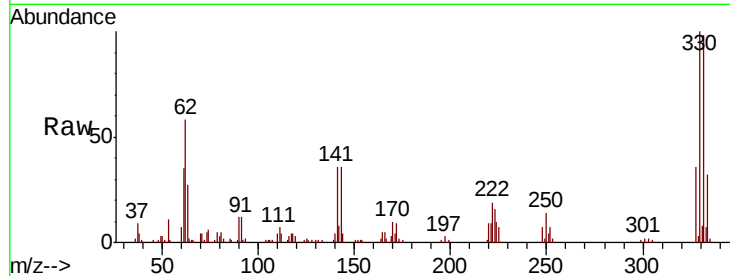
Tot Ion:198 Resp: 842

Ion Ratio Lower Upper

198 100

51 149.4 21.1 61.1#

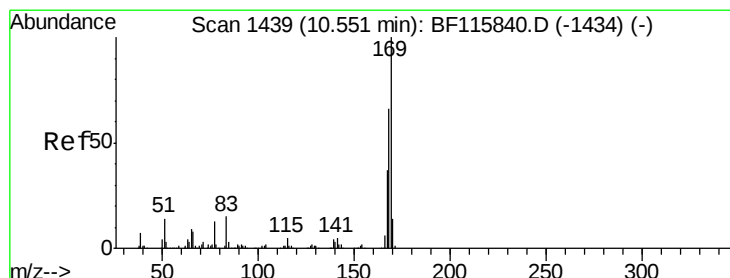
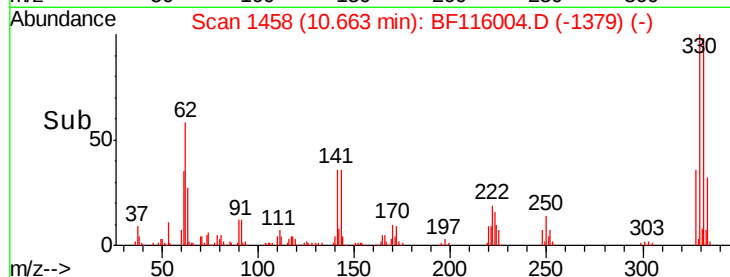
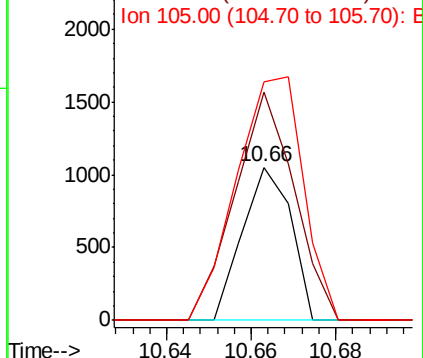
105 155.6 24.5 64.5#



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: 0.684 ng

RT: 10.67 min Scan# 1459

Delta R.T. 0.12 min

Lab File: BF116004.D

Acq: 6 Aug 2019 11:09

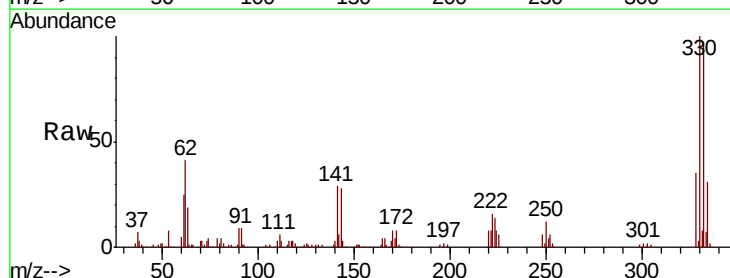
Tgt Ion:169 Resp: 12578

Ion Ratio Lower Upper

169 100

168 8.2 53.0 79.6#

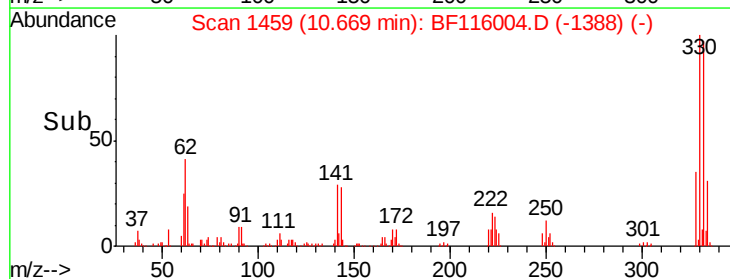
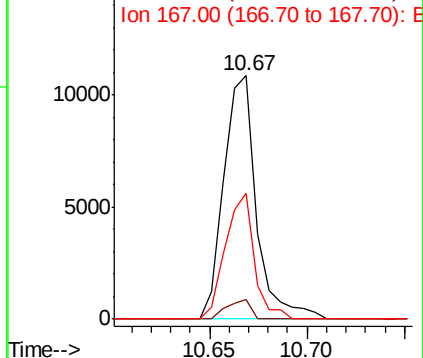
167 51.7 29.9 44.9#

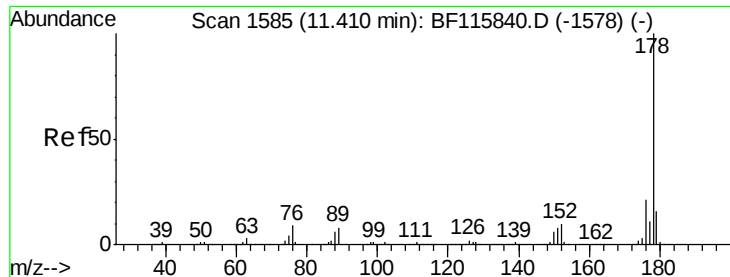


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

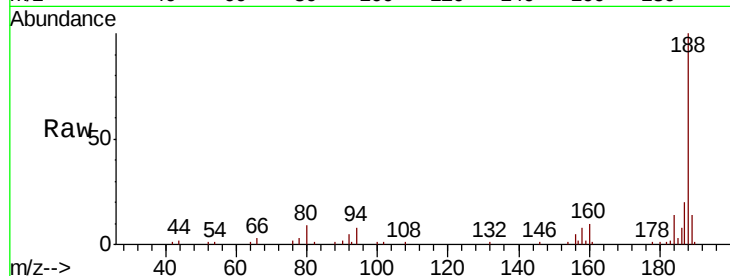




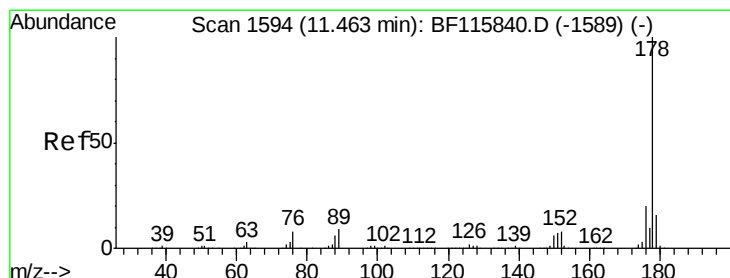
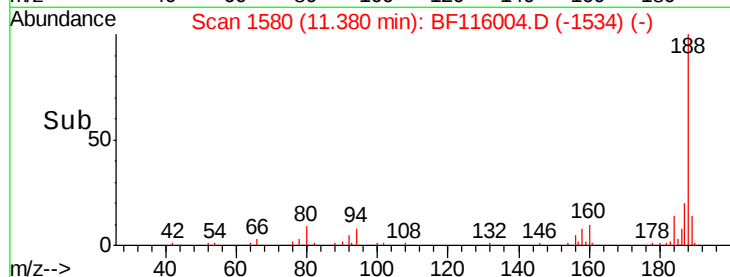
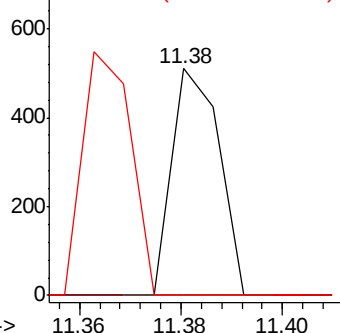
#71
 Phenanthrene
 Concen: 0.011 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.03 min
 Lab File: BF116004.D
 Acq: 6 Aug 2019 11:09

Instrument :
 BNA_F
 ClientSampleId :
 PB121973TB

Tot Ion:178 Resp: 330
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.5 24.7#
 179 0.0 12.6 18.8#

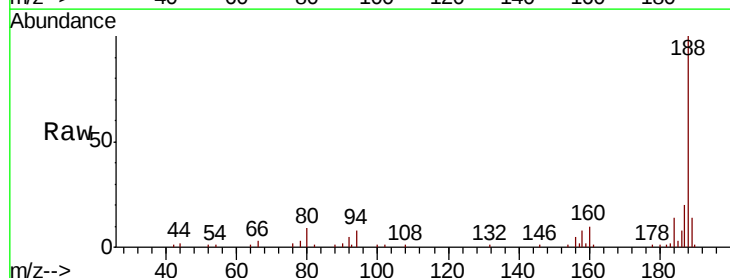


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

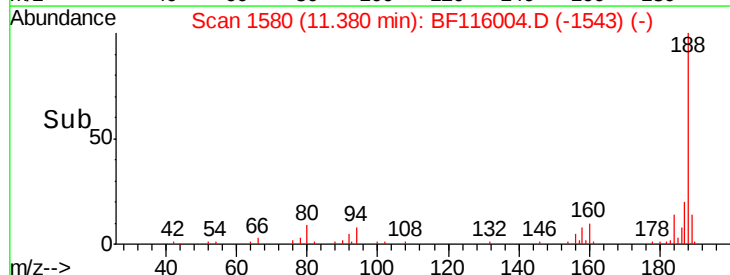
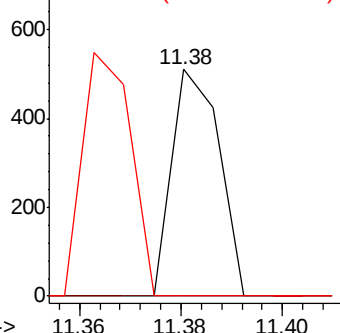


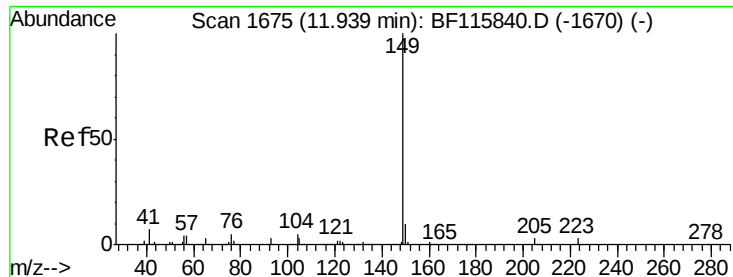
#72
 Anthracene
 Concen: 0.010 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.08 min
 Lab File: BF116004.D
 Acq: 6 Aug 2019 11:09

Tgt Ion:178 Resp: 330
 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





#74

Di-n-butylphthalate

Concen: 0.016 ng

RT: 11.92 min Scan# 1672

Delta R.T. -0.02 min

Lab File: BF116004.D

Acq: 6 Aug 2019 11:09

Instrument :

BNA_F

ClientSampleId :

PB121973TB

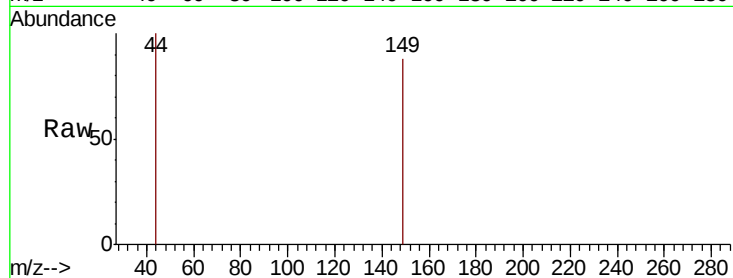
Tot Ion:149 Resp: 534

Ion Ratio Lower Upper

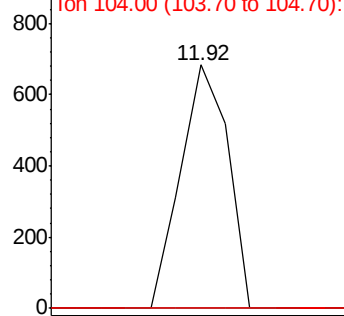
149 100

150 0.0 7.7 11.5#

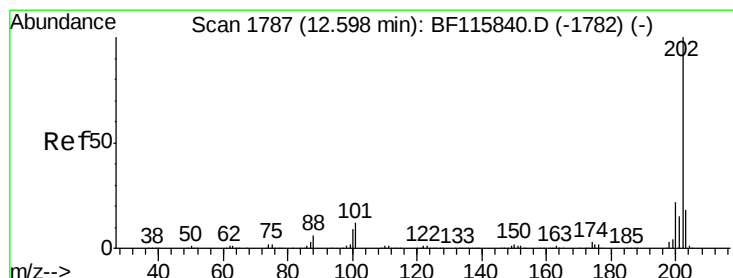
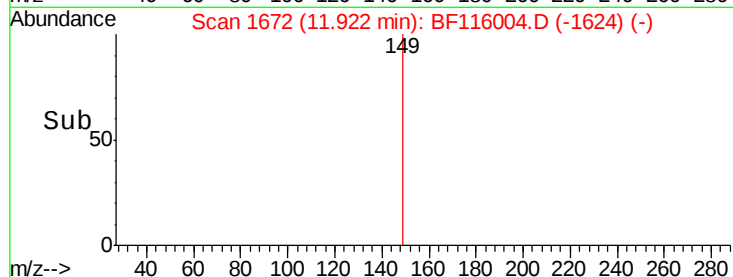
104 0.0 4.3 6.5#



Abundance Ion 149.00 (148.70 to 149.70): E



Time-->



#75

Fluoranthene

Concen: 0.007 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BF116004.D

Acq: 6 Aug 2019 11:09

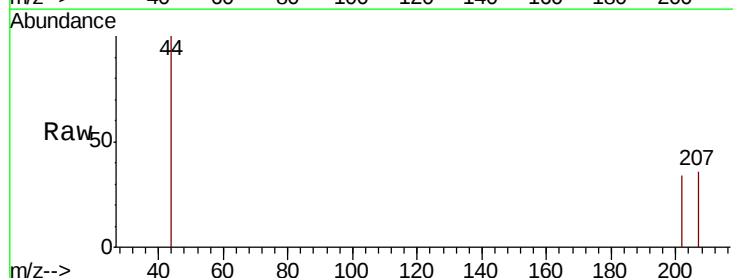
Tgt Ion:202 Resp: 220

Ion Ratio Lower Upper

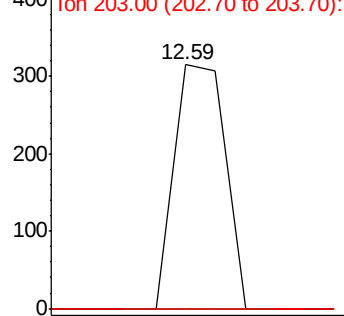
202 100

101 0.0 0.0 31.5

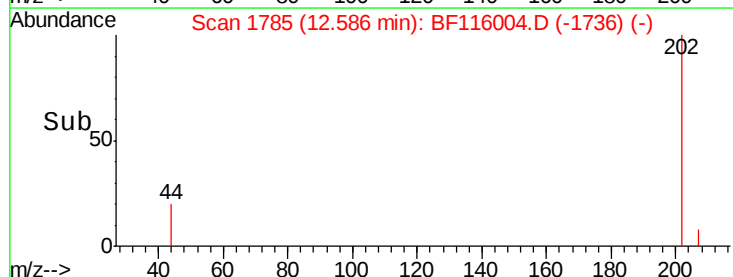
203 0.0 0.0 37.9

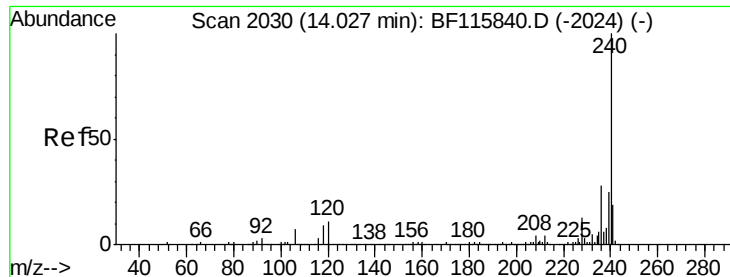


Abundance Ion 202.00 (201.70 to 202.70): E



Time-->

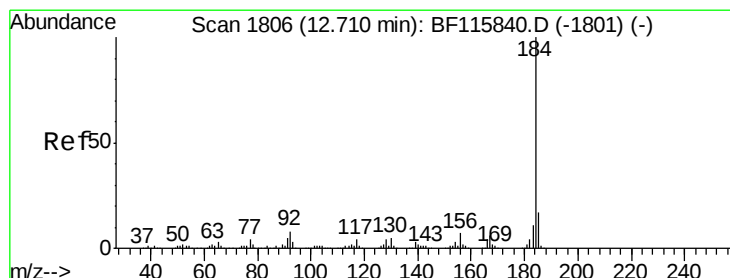
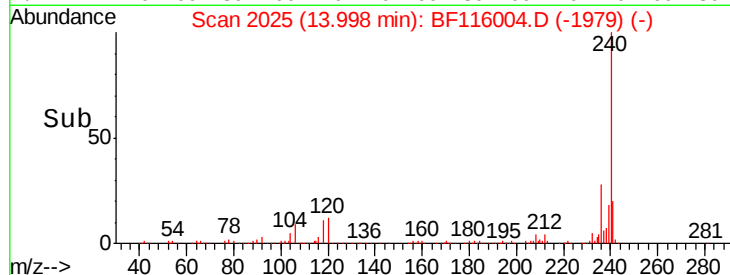
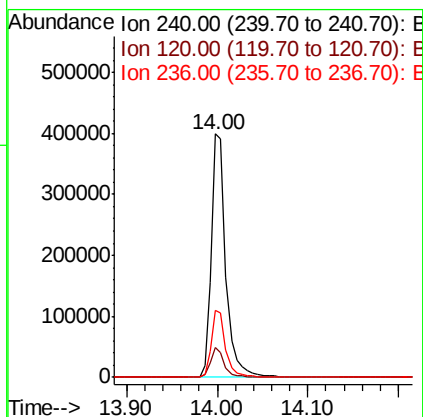
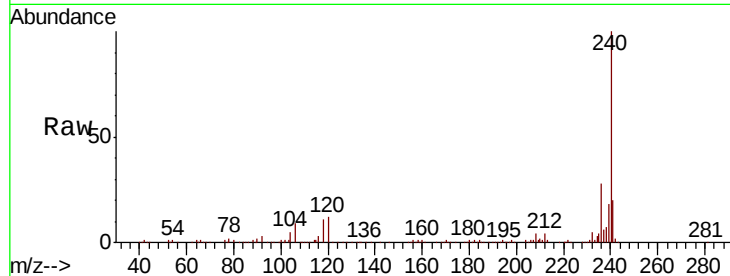




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.03 min
Lab File: BF116004.D
Acq: 6 Aug 2019 11:09

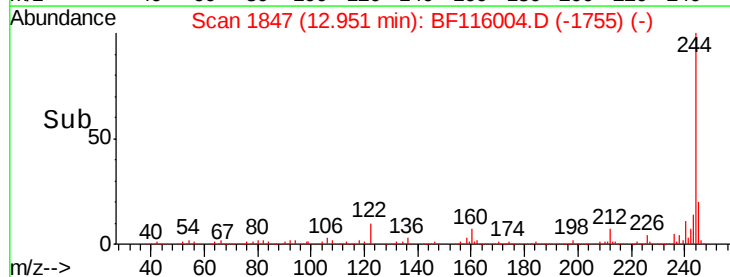
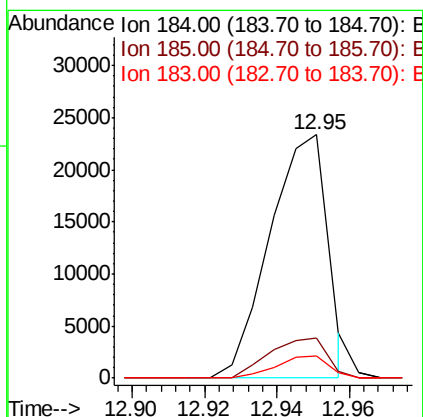
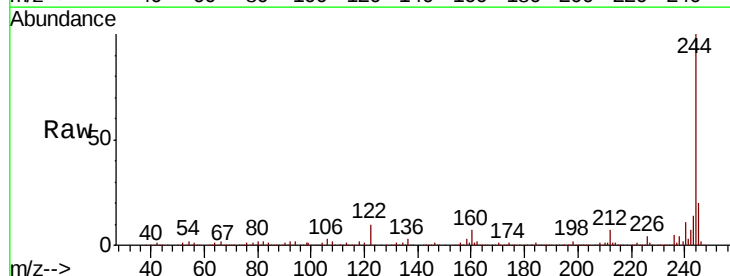
Instrument :
BNA_F
ClientSampleId :
PB121973TB

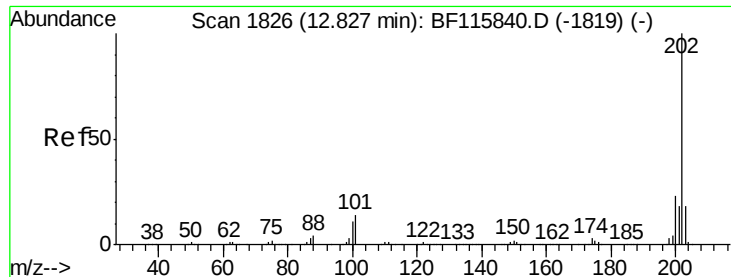
Tot Ion:240 Resp: 448656
Ion Ratio Lower Upper
240 100
120 12.2 8.5 12.7
236 27.7 22.2 33.2



#77
Benzidine
Concen: 1.708 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.24 min
Lab File: BF116004.D
Acq: 6 Aug 2019 11:09

Tgt Ion:184 Resp: 25891
Ion Ratio Lower Upper
184 100
185 16.4 13.4 20.2
183 8.9 9.1 13.7#

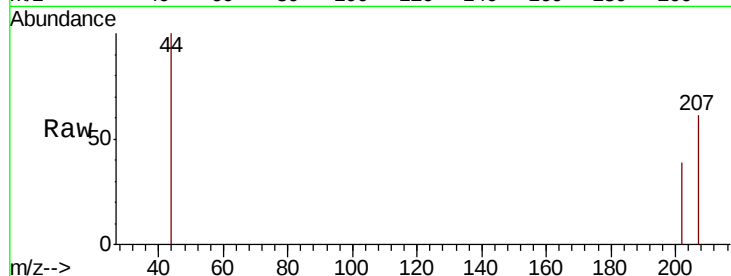




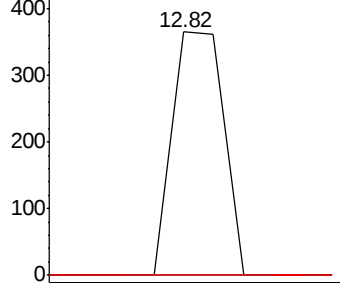
#78
Pvrene
Concen: 0.008 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF116004.D
Acq: 6 Aug 2019 11:09

Instrument :
BNA_F
ClientSampleId :
PB121973TB

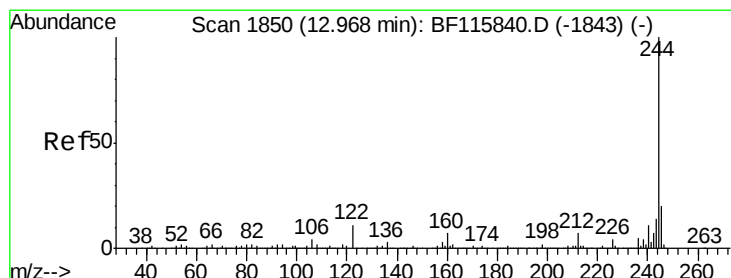
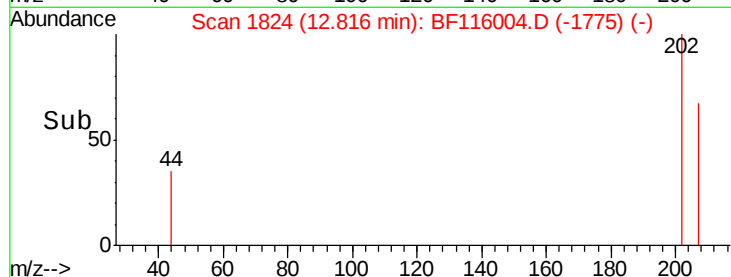
Tot Ion: 202 Resp: 256
Ion Ratio Lower Upper
202 100
200 0.0 18.2 27.2#
203 0.0 14.3 21.5#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

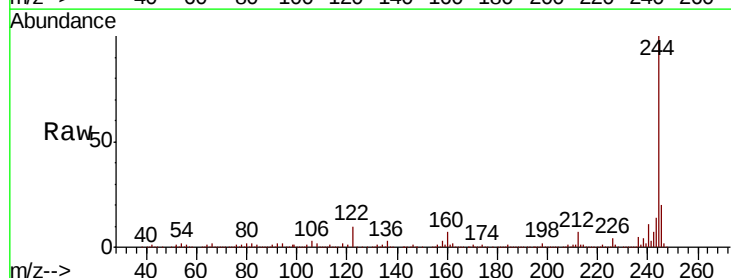


Time-->

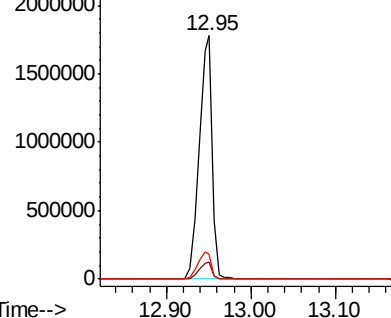


#79
Terphenyl-d14
Concen: 91.940 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF116004.D
Acq: 6 Aug 2019 11:09

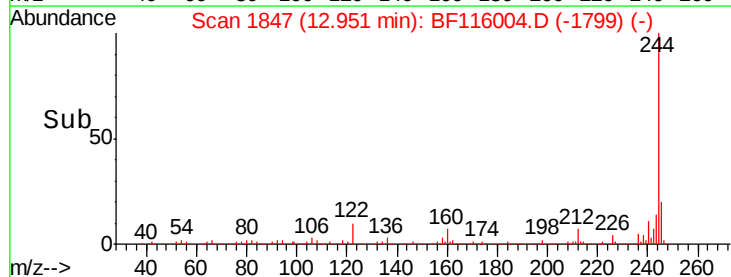
Tgt Ion: 244 Resp: 1957585
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 10.4 8.6 13.0

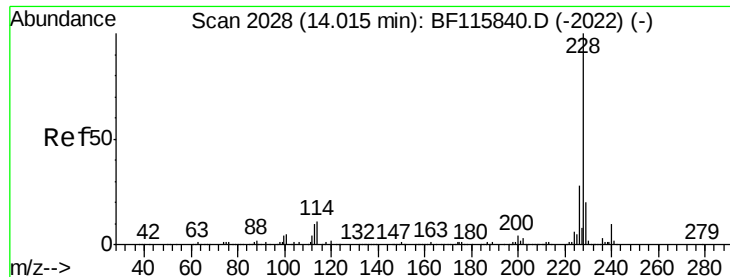


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





#81

Benzo(a)anthracene

Concen: 0.051 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF116004.D

Acq: 6 Aug 2019 11:09

Instrument :

BNA_F

ClientSampleId :

PB121973TB

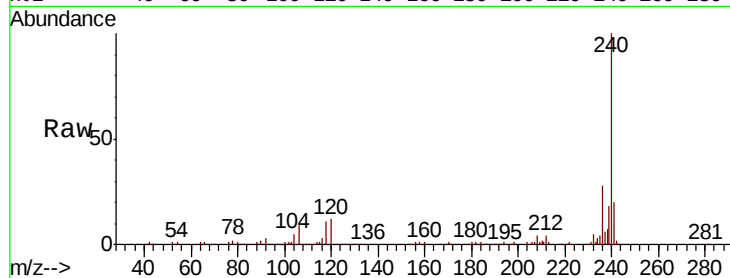
Tot Ion:228 Resp: 1460

Ion Ratio Lower Upper

228 100

226 0.0 22.5 33.7#

229 27.2 16.1 24.1#

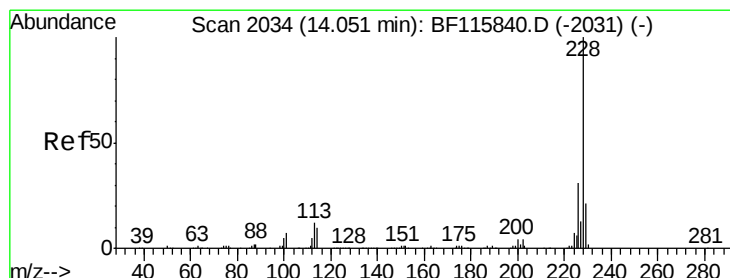
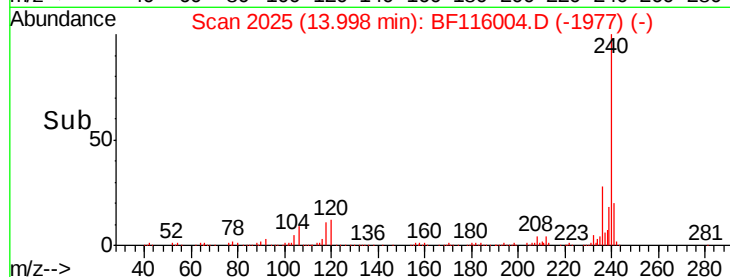
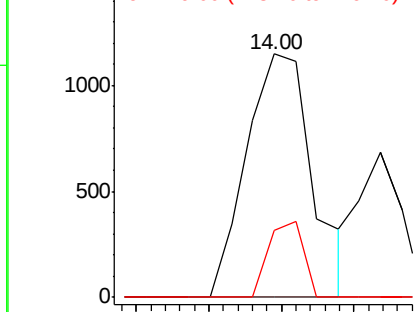


Abundance

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: 0.020 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BF116004.D

Acq: 6 Aug 2019 11:09

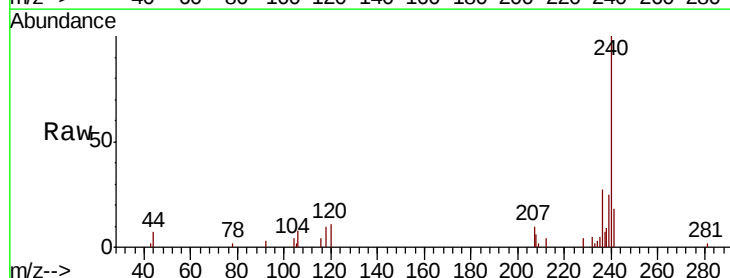
Tgt Ion:228 Resp: 548

Ion Ratio Lower Upper

228 100

226 0.0 24.8 37.2#

229 0.0 16.4 24.6#

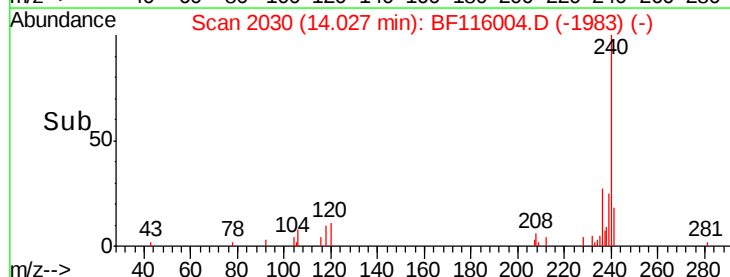
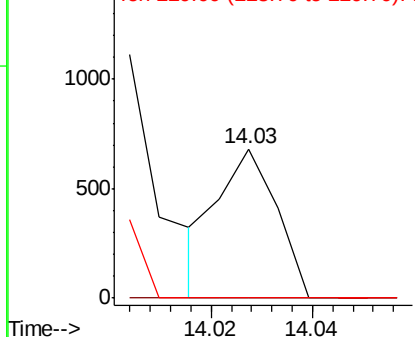


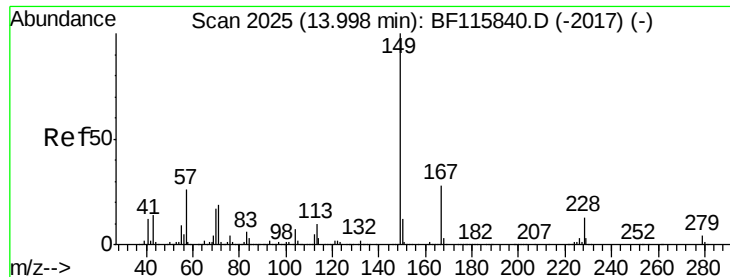
Abundance

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: 0.014 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BF116004.D

Acq: 6 Aug 2019 11:09

Instrument :

BNA_F

ClientSampleId :

PB121973TB

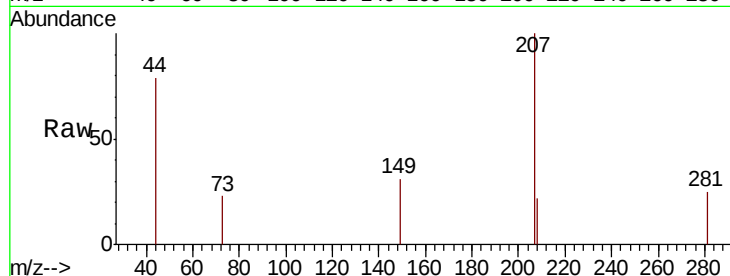
Tot Ion:149 Resp: 268

Ion Ratio Lower Upper

149 100

167 0.0 22.4 33.6#

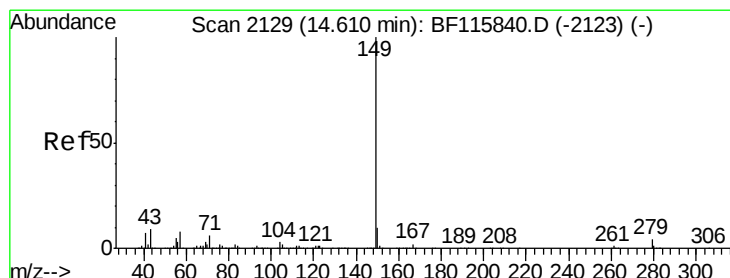
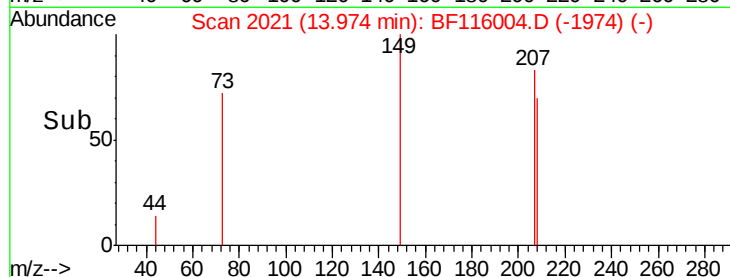
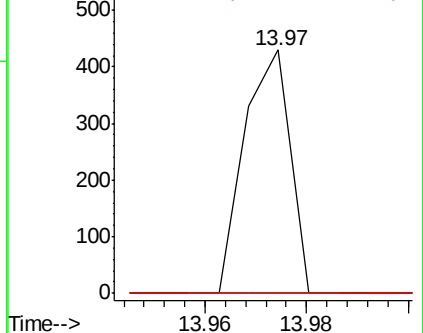
279 0.0 3.3 4.9#



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: 0.008 ng

RT: 14.58 min Scan# 2124

Delta R.T. -0.03 min

Lab File: BF116004.D

Acq: 6 Aug 2019 11:09

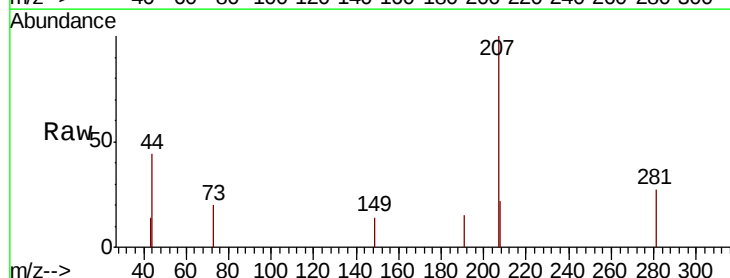
Tgt Ion:149 Resp: 237

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

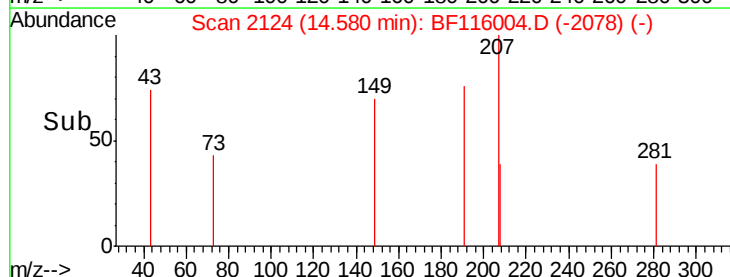
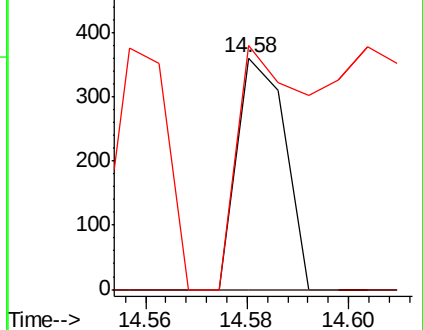
43 149.8 7.4 11.0#

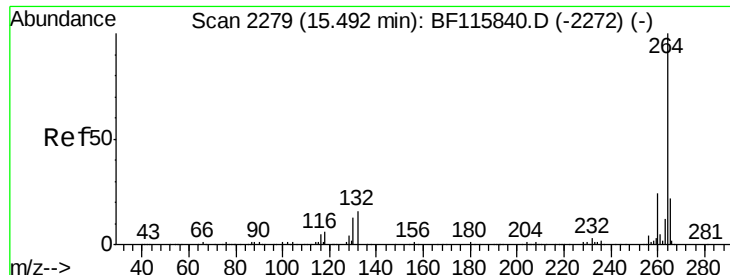


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



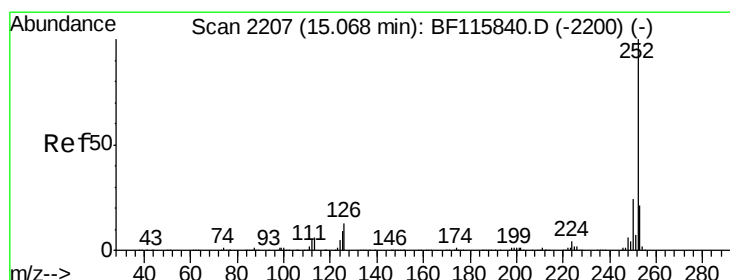
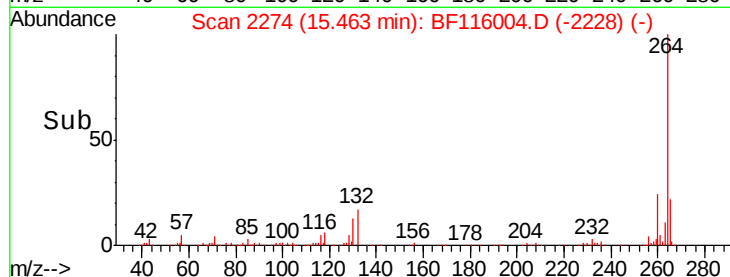
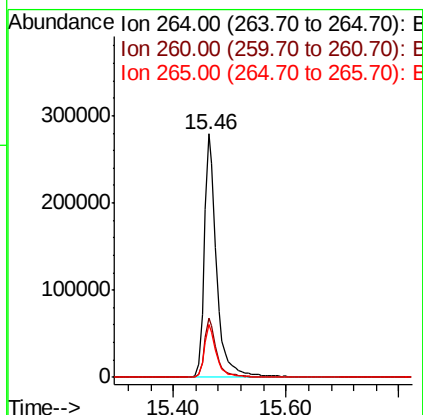
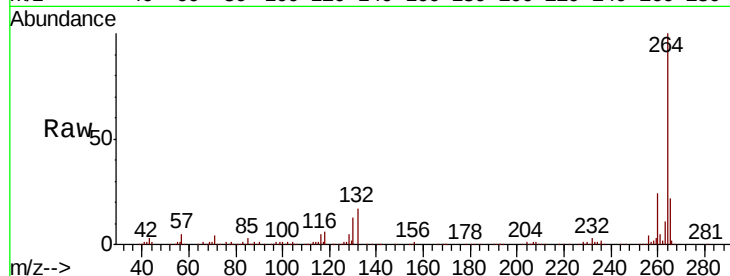


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.03 min
Lab File: BF116004.D
Acq: 6 Aug 2019 11:09

Instrument :
BNA_F
ClientSampleId :
PB121973TB

Tot Ion:264 Resp: 422952

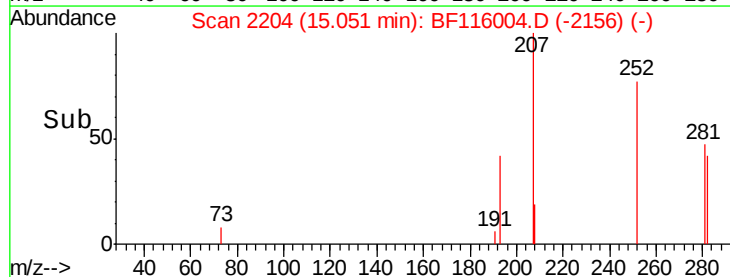
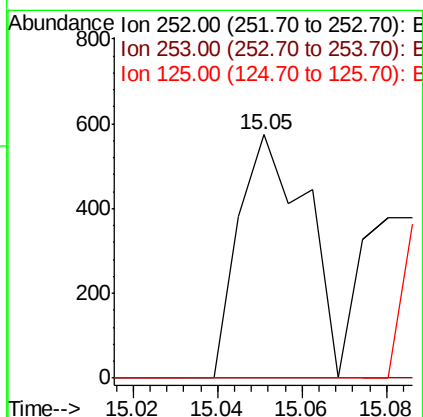
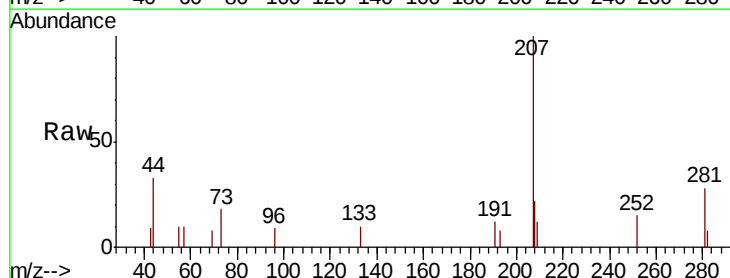
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.6	17.5	26.3

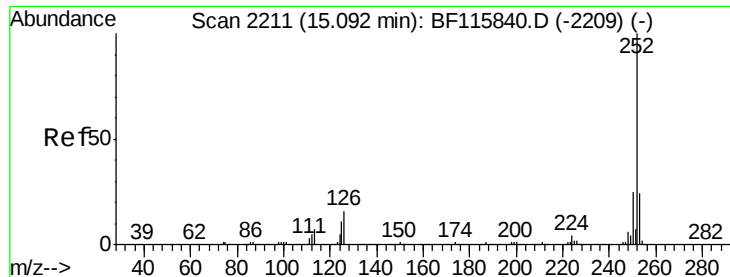


#88
Benzo(b)fluoranthene
Concen: 0.026 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BF116004.D
Acq: 6 Aug 2019 11:09

Tgt Ion:252 Resp: 640

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.2	25.8#
125	0.0	7.4	11.0#

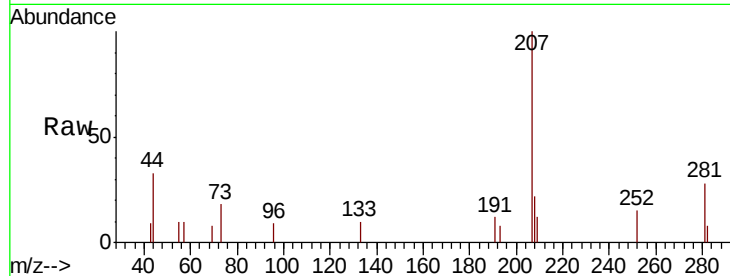




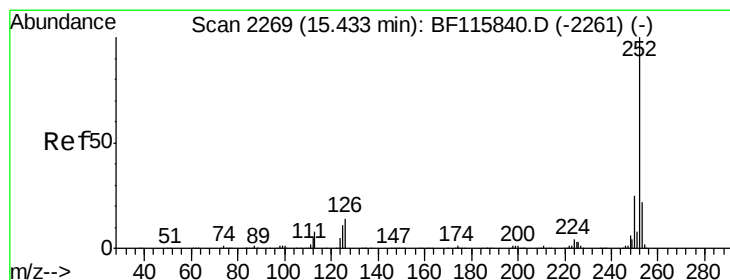
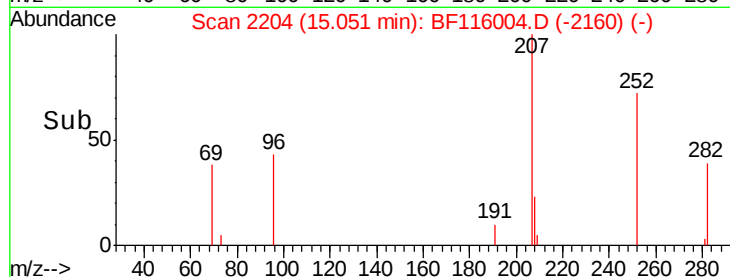
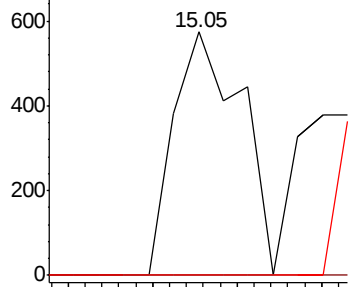
#89
Benzo(k)fluoranthene
Concen: 0.027 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.04 min
Lab File: BF116004.D
Acq: 6 Aug 2019 11:09

Instrument :
BNA_F
ClientSampleId :
PB121973TB

Tot Ion:252 Resp: 640
Ion Ratio Lower Upper
252 100
253 0.0 18.2 27.4#
125 0.0 8.9 13.3#

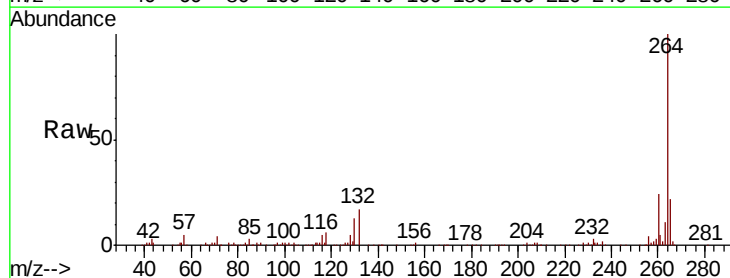


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 0.047 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.03 min
Lab File: BF116004.D
Acq: 6 Aug 2019 11:09

Tgt Ion:252 Resp: 1019
Ion Ratio Lower Upper
252 100
253 0.0 17.8 26.6#
125 64.7 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

