

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
 Data File : BF116007.D
 Acq On : 6 Aug 2019 12:29
 Operator : HP/JU
 Sample : PB121978TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121978TB

Quant Time: Aug 07 02:05:48 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

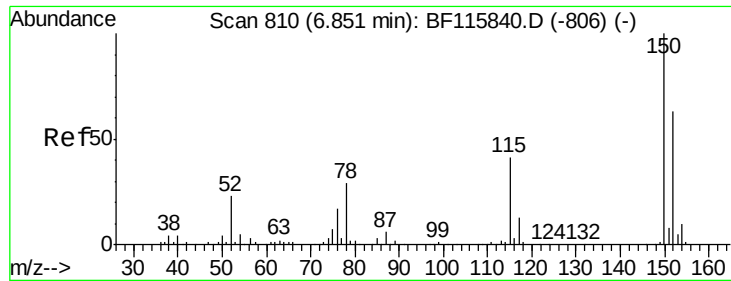
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	174033	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	675046	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	361885	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	645609	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	469265	20.00	ng	-0.02
87) Perylene-d12	15.47	264	422333	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	1203214	115.74	ng	0.01
7) Phenol-d6	6.48	99	1598566	121.88	ng	0.00
23) Nitrobenzene-d5	7.40	82	1066383	91.19	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	448689	127.88	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1809510	93.66	ng	-0.02
79) Terphenyl-d14	12.95	244	2015320	90.49	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.62	93	1601	0.085	ng	# 1
8) 2-Chlorophenol	6.63	128	322	0.028	ng	# 1
9) Benzaldehyde	6.48	77	2512	0.278	ng	# 1
10) Phenol	6.62	94	2722	0.176	ng	# 1
11) bis(2-Chloroethyl)ether	6.62	93	1601	0.141	ng	# 1
15) Benzyl Alcohol	7.00	79	17147	1.723	ng	# 49
24) Nitrobenzene	7.40	77	3271	0.259	ng	# 39
38) 1-Methylnaphthalene	9.20	142	888	0.045	ng	# 39
46) 1,1'-Biphenyl	9.30	154	3543	0.139	ng	# 93
48) 2-Nitroaniline	9.20	65	2979	0.424	ng	# 1
52) Acenaphthene	9.87	154	1154	0.061	ng	# 5
58) Fluorene	10.67	166	17391	0.817	ng	# 93
63) Azobenzene	10.67	77	1704	0.072	ng	# 4
65) 4,6-Dinitro-2-methylphenol	10.66	198	1040	0.304	ng	# 1
66) n-Nitrosodiphenylamine	10.67	169	12318	0.634	ng	# 47
71) Phenanthrene	11.39	178	362	0.011	ng	# 59
72) Anthracene	11.39	178	362	0.011	ng	# 60
74) Di-n-butylphthalate	11.92	149	705	0.020	ng	# 77
75) Fluoranthene	12.59	202	107	0.003	ng	# 64
77) Benzidine	12.95	184	26841	1.693	ng	# 96
78) Pyrene	12.95	202	6891	0.195	ng	# 69
83) Chrysene	14.00	228	2042	0.070	ng	# 48
84) Bis(2-ethylhexyl)phthalate	13.97	149	578	0.030	ng	# 52
85) Di-n-octyl phthalate	14.59	149	117	0.004	ng	# 1
88) Benzo(b)fluoranthene	15.06	252	503	0.021	ng	# 61
89) Benzo(k)fluoranthene	15.06	252	503	0.021	ng	# 59
90) Benzo(a)pyrene	15.47	252	1213	0.056	ng	# 46

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

```
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Acq On    : 6 Aug 2019 12:29  
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Sample    : PB121978TB  
Misc      :  
ALS Vial  : 8      Sample Multiplier: 1
```

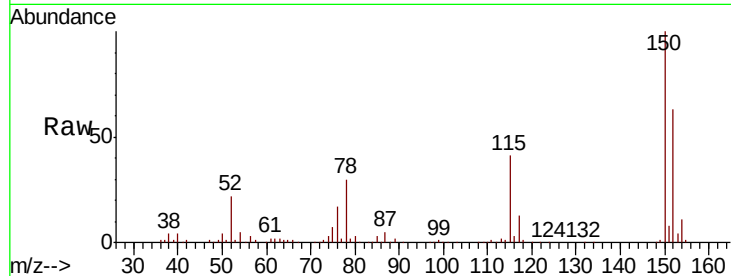


#1

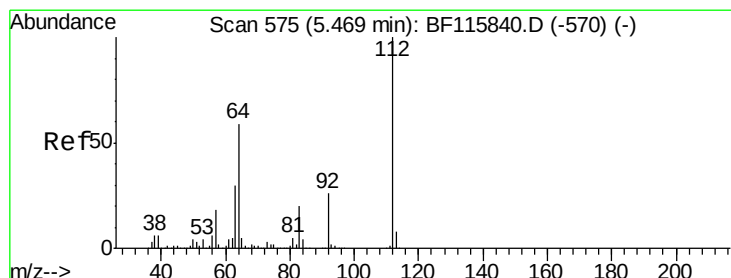
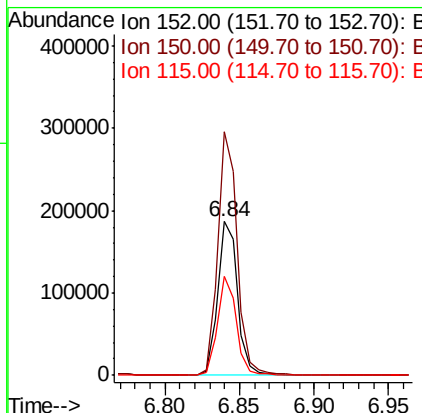
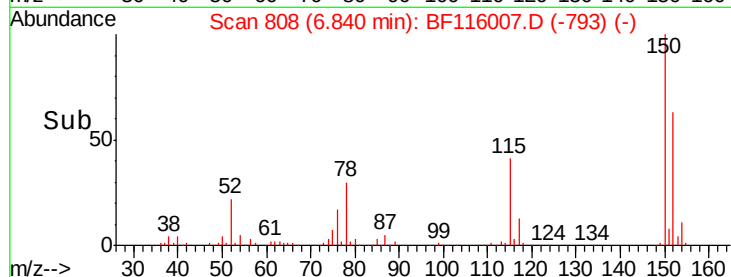
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116007.D
Acq: 6 Aug 2019 12:29

Instrument :
BNA_F
ClientSampleId :
PB121978TB

Tot Ion:152 Resp: 174033
Ion Ratio Lower Upper
152 100
150 158.3 127.4 191.0
115 64.4 51.8 77.8



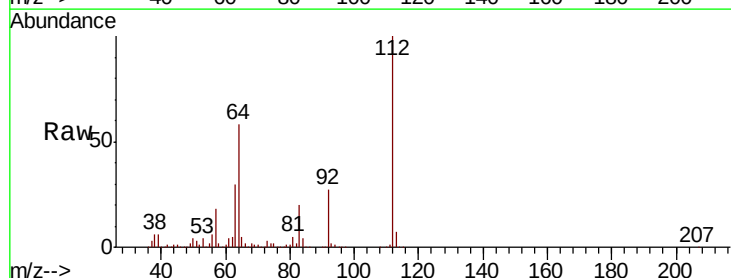
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



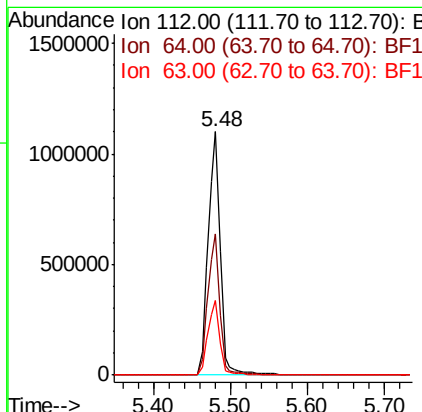
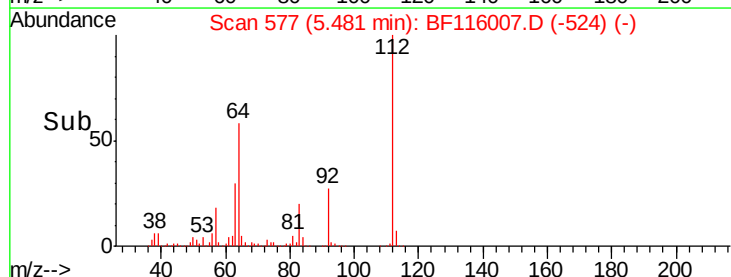
#5

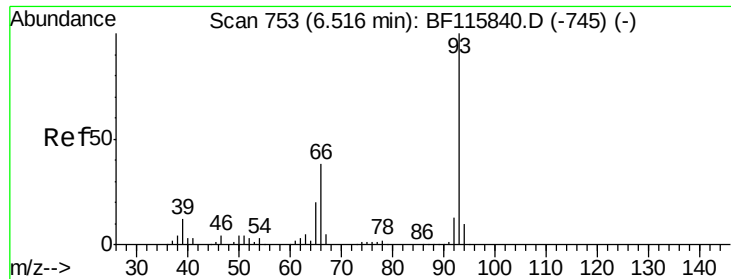
2-Fluorophenol
Concen: 115.740 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF116007.D
Acq: 6 Aug 2019 12:29

Tgt Ion:112 Resp: 1203214
Ion Ratio Lower Upper
112 100
64 58.0 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: 0.085 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.10 min

Lab File: BF116007.D

Acq: 6 Aug 2019 12:29

Instrument :

BNA_F

ClientSampleId :

PB121978TB

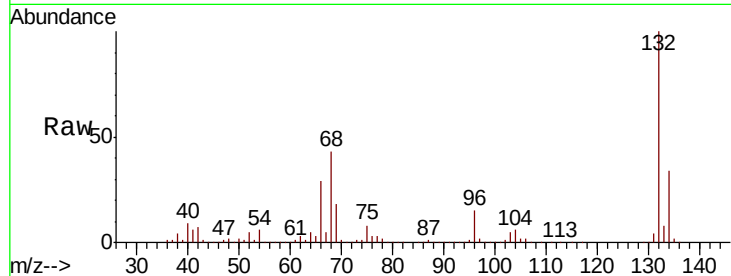
Tot Ion: 93 Resp: 1601

Ion Ratio Lower Upper

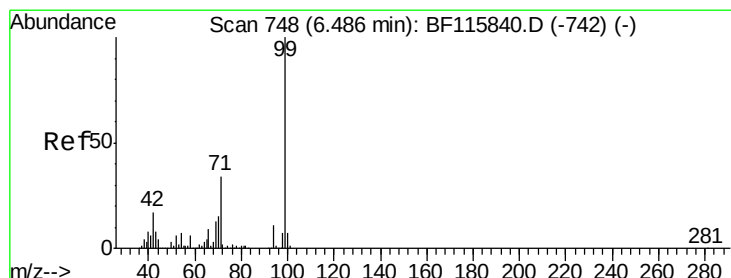
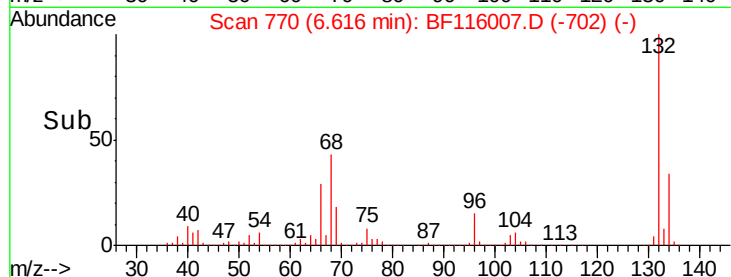
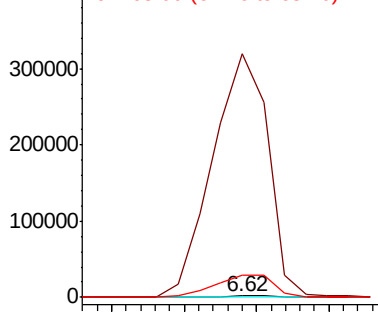
93 100

66 19616.7 31.4 47.0#

65 1802.9 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: 121.877 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116007.D

Acq: 6 Aug 2019 12:29

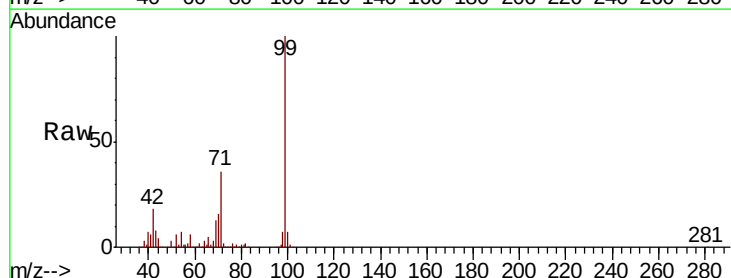
Tgt Ion: 99 Resp: 1598566

Ion Ratio Lower Upper

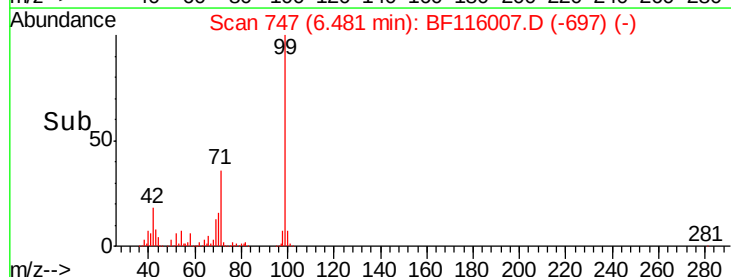
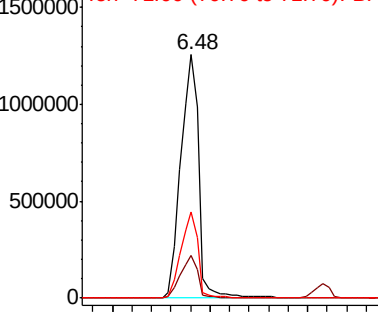
99 100

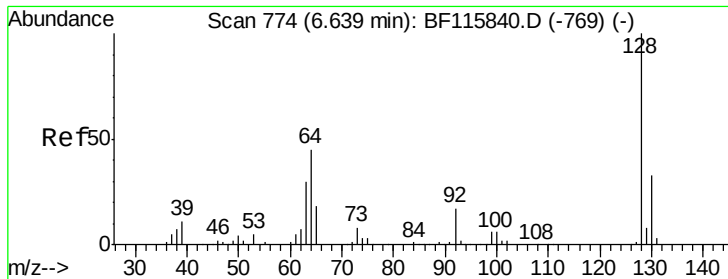
42 17.7 13.8 20.6

71 35.6 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: 0.028 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF116007.D

Acq: 6 Aug 2019 12:29

Instrument :

BNA_F

ClientSampleId :

PB121978TB

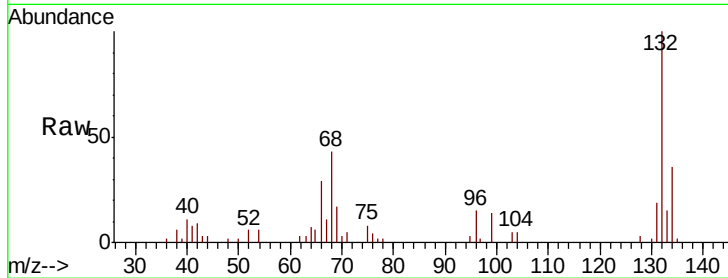
Tot Ion:128 Resp: 322

Ion Ratio Lower Upper

128 100

130 71.3 12.9 52.9#

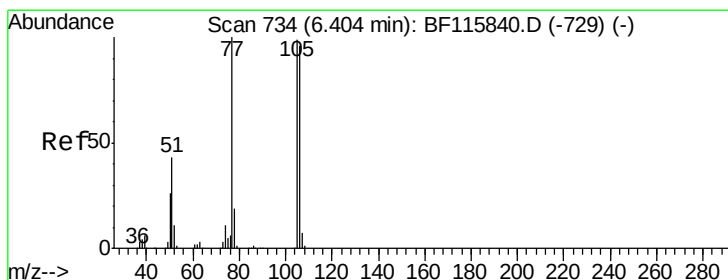
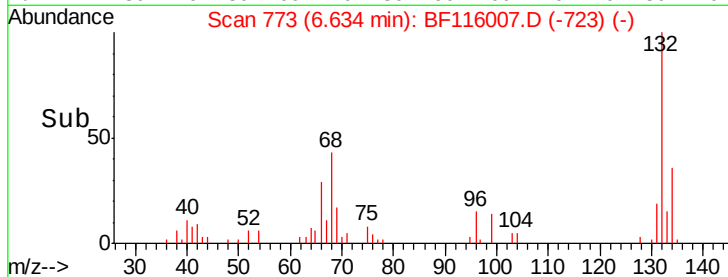
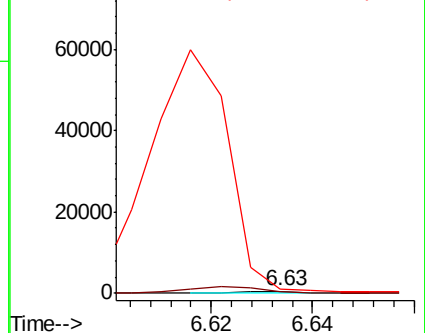
64 212.6 26.1 66.1#



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: 0.278 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.08 min

Lab File: BF116007.D

Acq: 6 Aug 2019 12:29

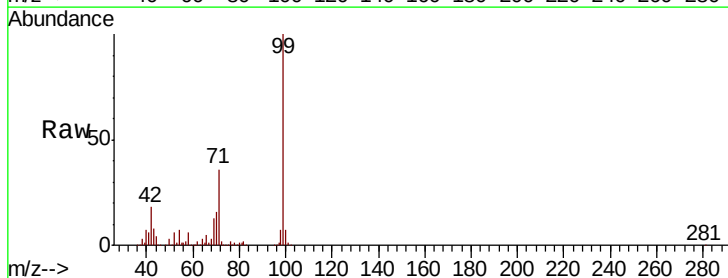
Tgt Ion: 77 Resp: 2512

Ion Ratio Lower Upper

77 100

105 0.0 79.0 119.0#

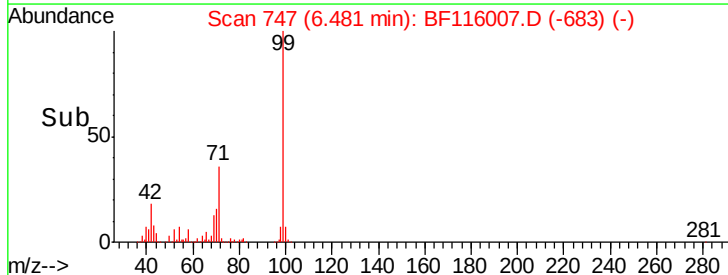
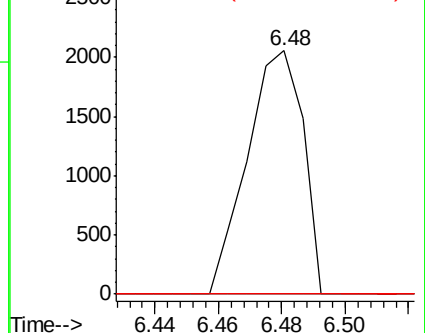
106 0.0 76.2 116.2#

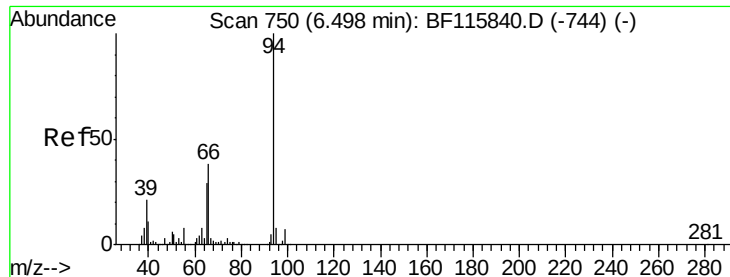


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.176 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.12 min

Lab File: BF116007.D

Acq: 6 Aug 2019 12:29

Instrument :

BNA_F

ClientSampleId :

PB121978TB

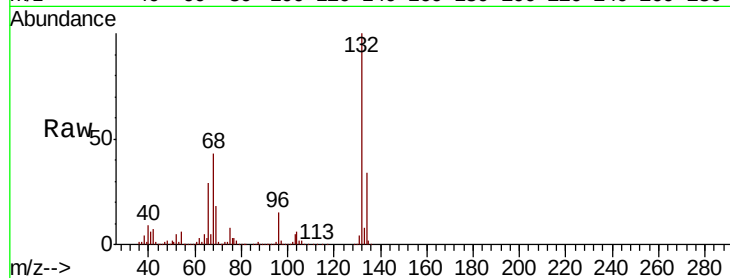
Tot Ion: 94 Resp: 2722

Ion Ratio Lower Upper

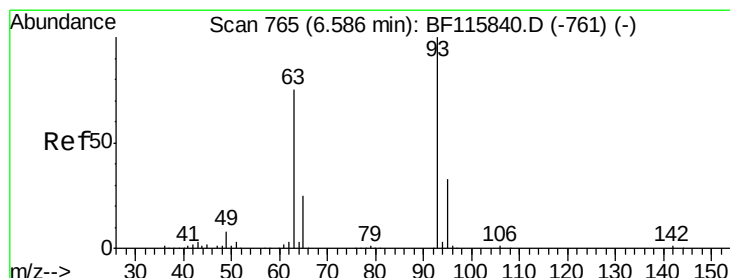
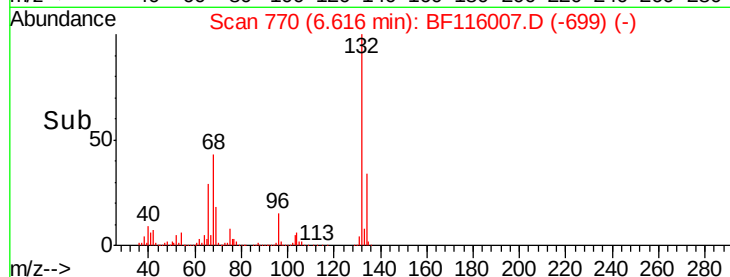
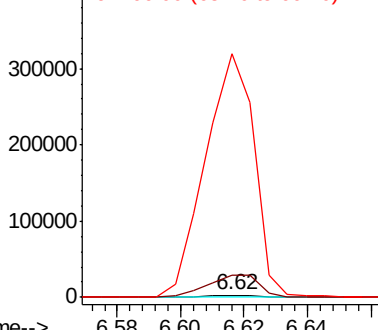
94 100

65 1176.0 8.9 48.9#

66 12794.9 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: 0.141 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.03 min

Lab File: BF116007.D

Acq: 6 Aug 2019 12:29

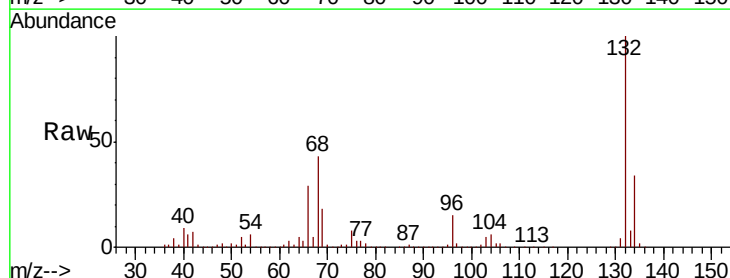
Tgt Ion: 93 Resp: 1601

Ion Ratio Lower Upper

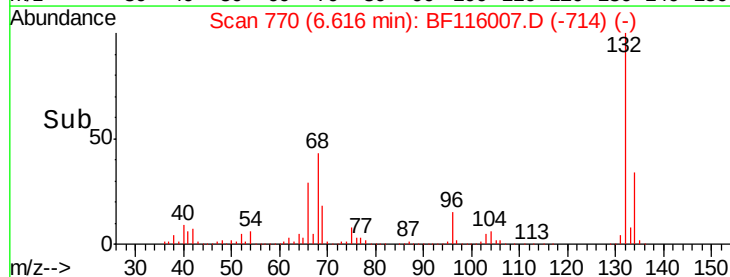
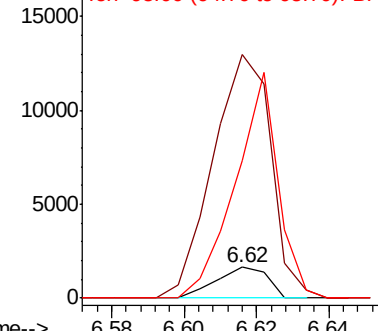
93 100

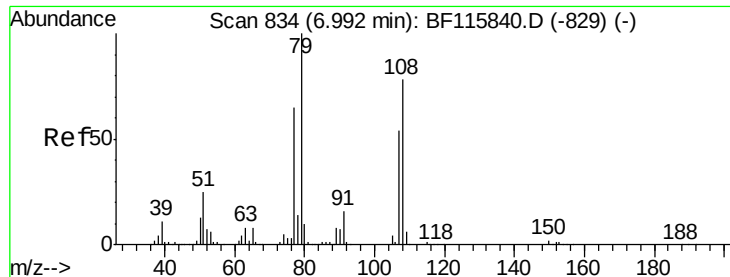
63 796.4 54.9 94.9#

95 449.8 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: 1.723 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF116007.D

Acq: 6 Aug 2019 12:29

Instrument :

BNA_F

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PB121978TB

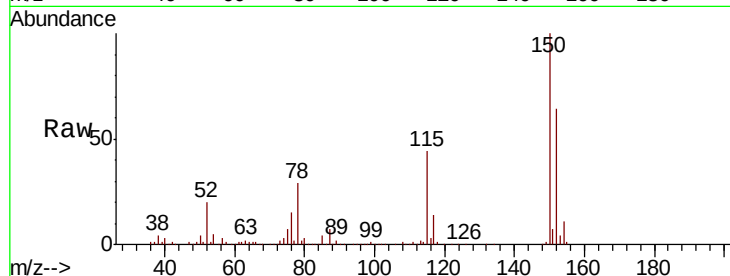
Tot Ion: 79 Resp: 17147

Ion Ratio Lower Upper

79 100

108 36.0 62.8 94.2#

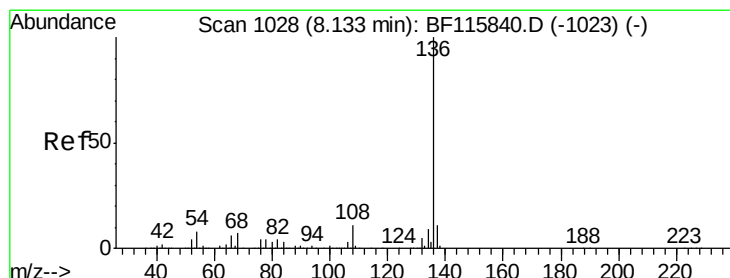
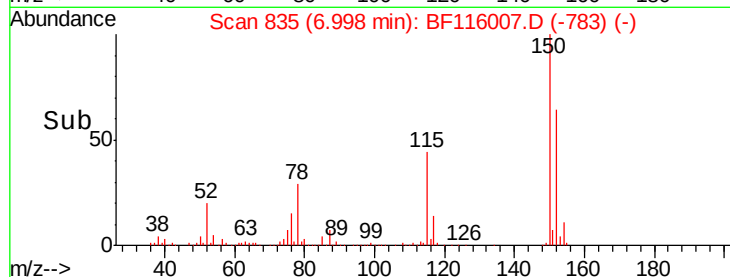
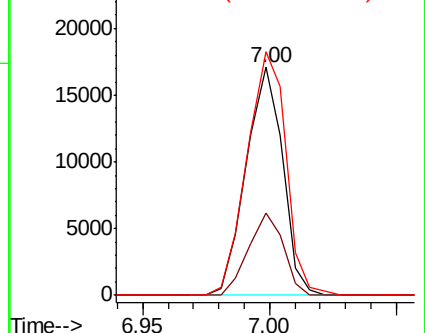
77 106.9 52.0 78.0#



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: BF116007.D

Acq: 6 Aug 2019 12:29

Tgt Ion: 136 Resp: 675046

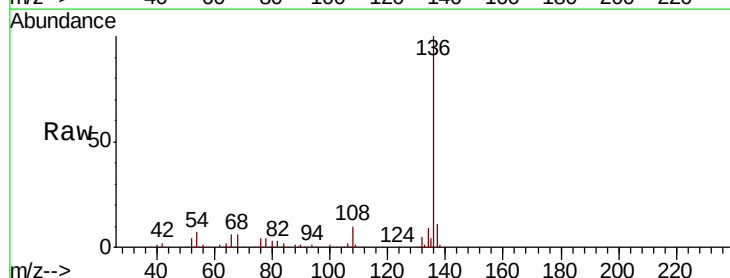
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.2 6.1 9.1

68 6.2 5.4 8.2

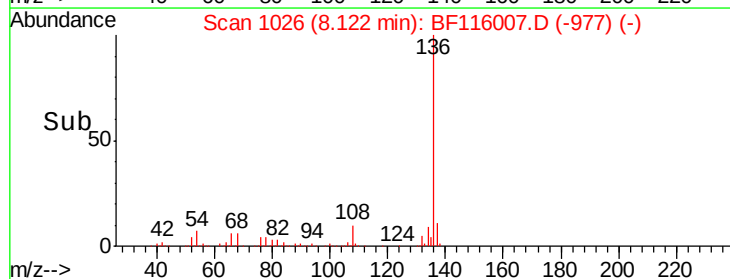
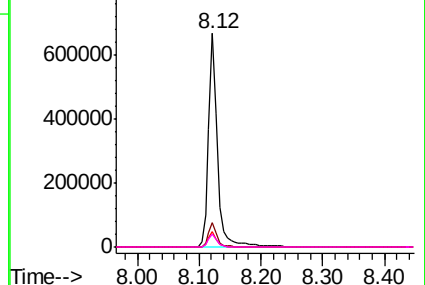


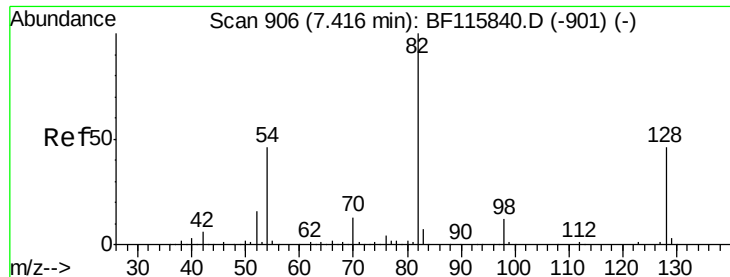
Abundance Ion 136.00 (135.70 to 136.70): BF1

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

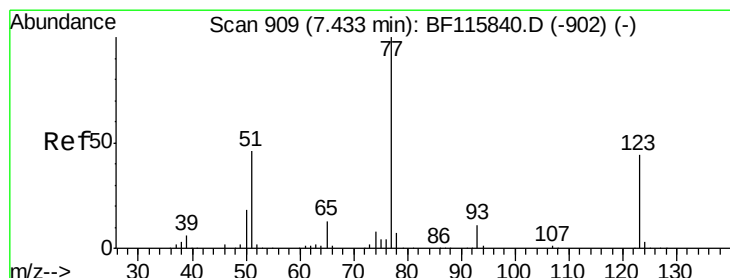
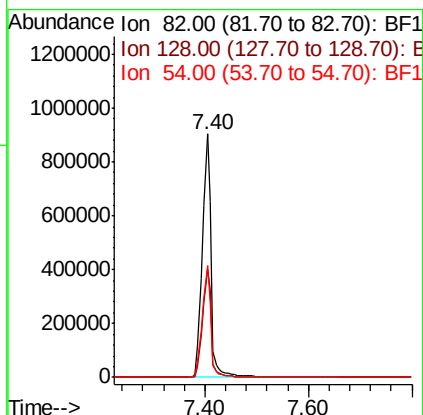
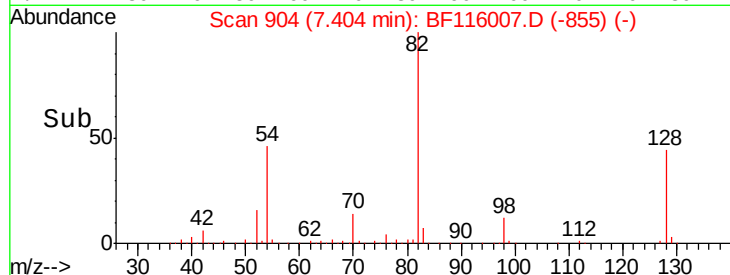
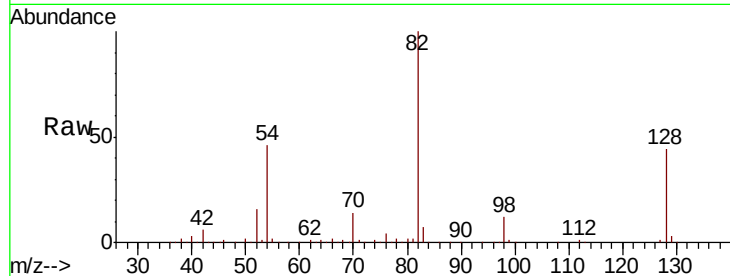




#23
 Nitrobenzene-d5
 Concen: 91.186 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116007.D
 Acq: 6 Aug 2019 12:29

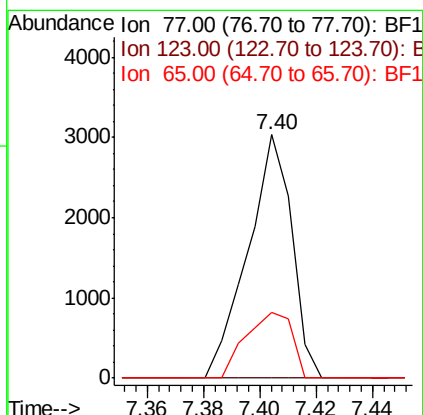
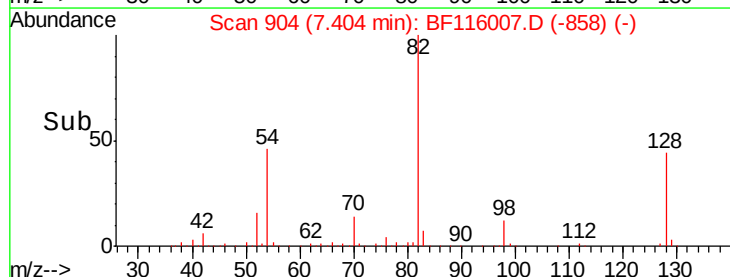
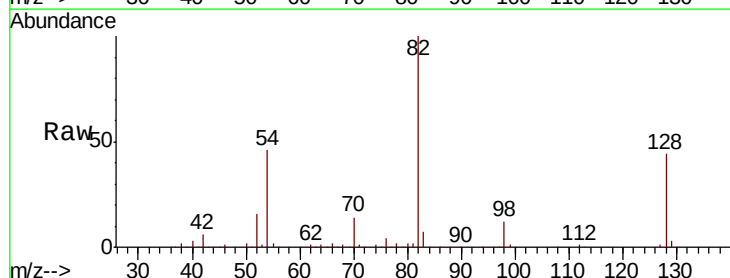
Instrument :
 BNA_F
 ClientSampleId :
 PB121978TB

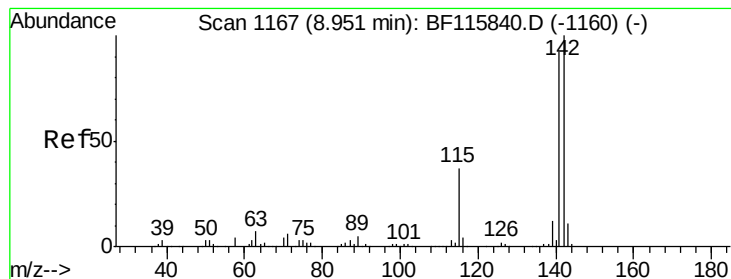
Tot Ion: 82 Resp: 1066383
 Ion Ratio Lower Upper
 82 100
 128 44.4 36.6 55.0
 54 45.8 36.6 55.0



#24
 Nitrobenzene
 Concen: 0.259 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.03 min
 Lab File: BF116007.D
 Acq: 6 Aug 2019 12:29

Tgt Ion: 77 Resp: 3271
 Ion Ratio Lower Upper
 77 100
 123 0.0 35.5 53.3#
 65 27.1 10.6 15.8#





#38

1-Methylnaphthalene

Concen: 0.045 ng

RT: 9.20 min Scan# 1209

Delta R.T. 0.25 min

Lab File: BF116007.D

Acq: 6 Aug 2019 12:29

Instrument :

BNA_F

ClientSampleId :

PB121978TB

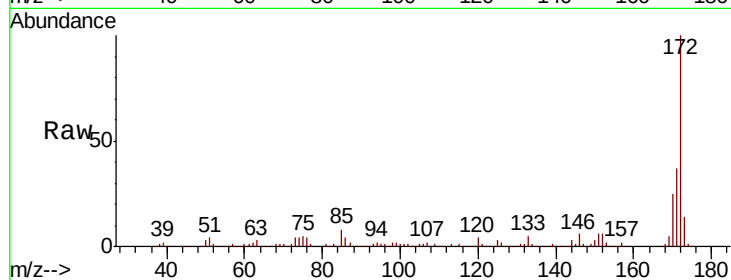
Tot Ion:142 Resp: 888

Ion Ratio Lower Upper

142 100

141 62.7 73.8 110.6#

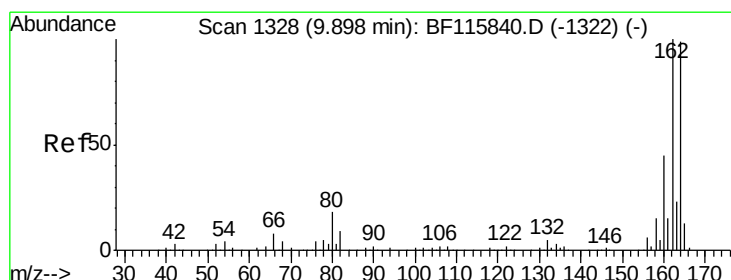
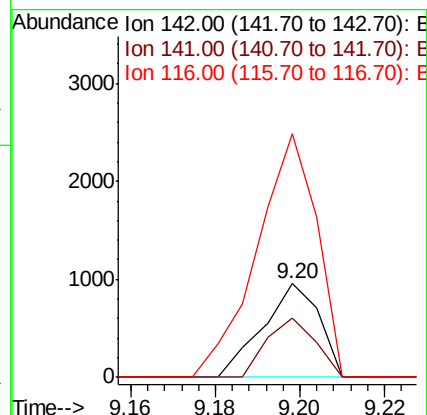
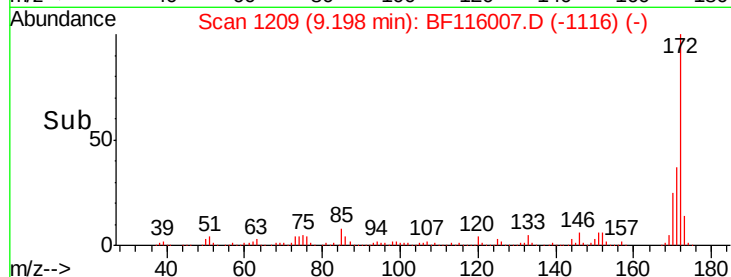
116 260.0 3.1 4.7#



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: BF116007.D

Acq: 6 Aug 2019 12:29

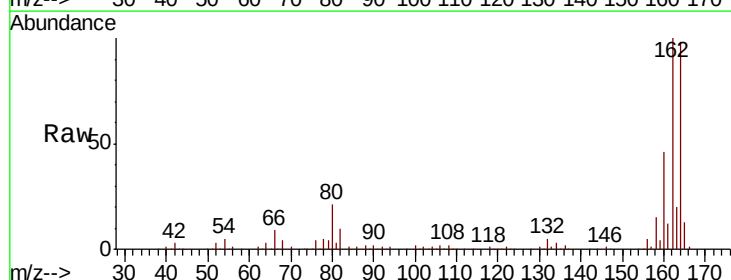
Tgt Ion:164 Resp: 361885

Ion Ratio Lower Upper

164 100

162 102.0 80.8 121.2

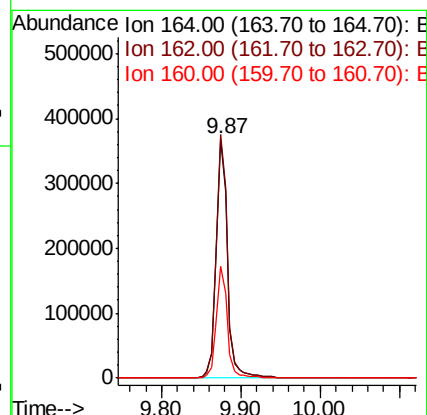
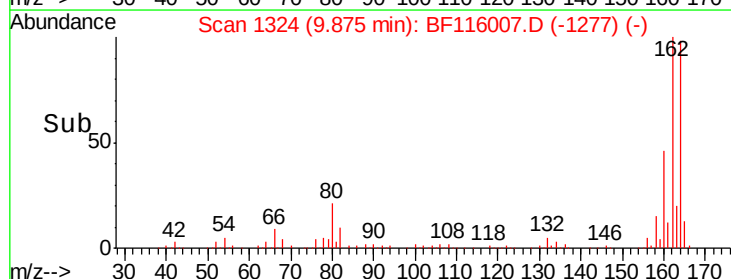
160 46.9 36.2 54.4

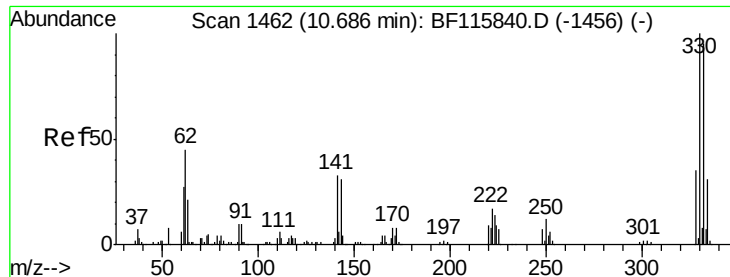


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

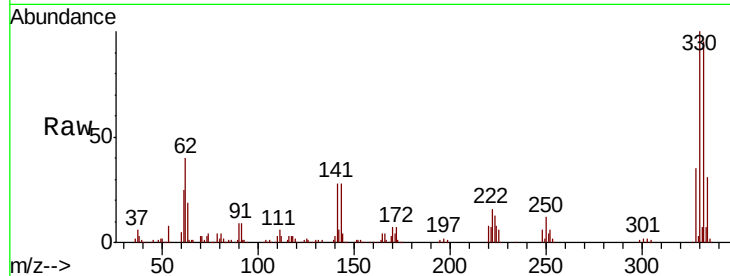




#42
 2,4,6-Tribromophenol
 Concen: 127.884 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF116007.D
 Acq: 6 Aug 2019 12:29

Instrument :
 BNA_F
 ClientSampleId :
 PB121978TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.7	116.5
141	32.4	28.1	42.1

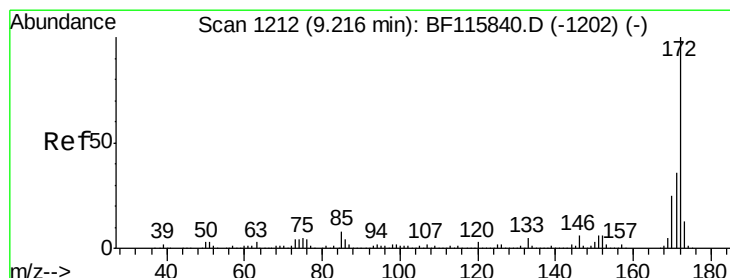
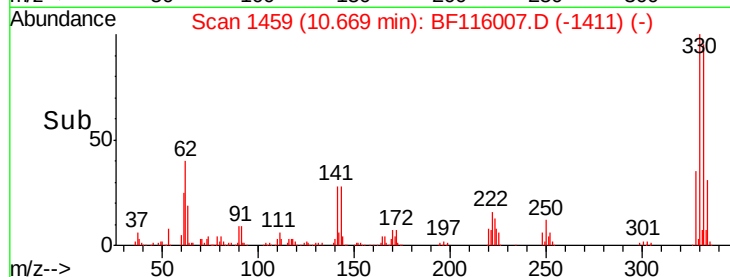
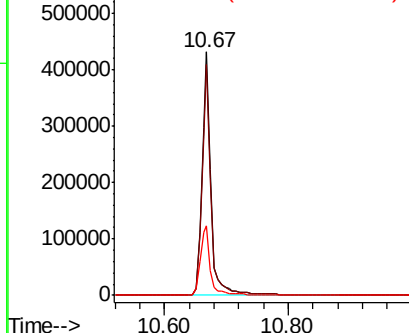


Abundance

Ion 329.80 (329.50 to 330.50): E

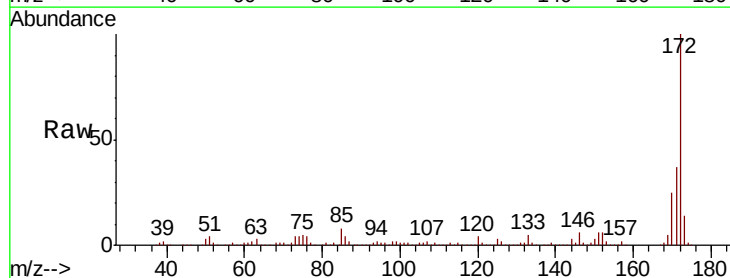
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 93.658 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF116007.D
 Acq: 6 Aug 2019 12:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.1	43.7
170	25.3	20.1	30.1

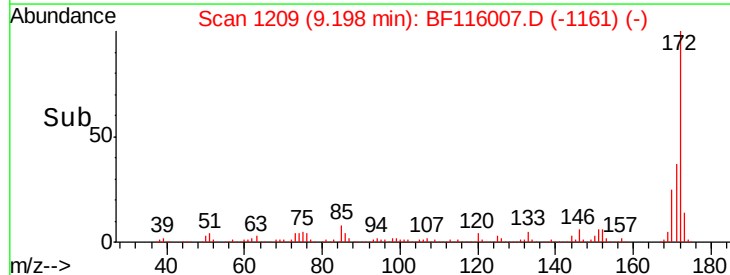
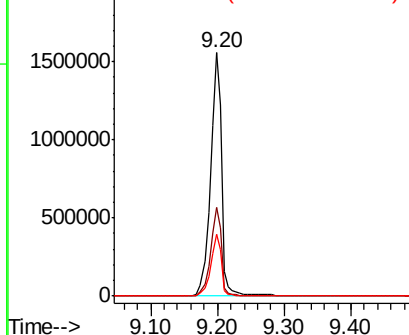


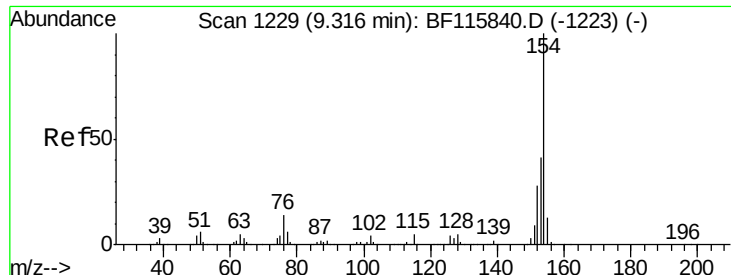
Abundance

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

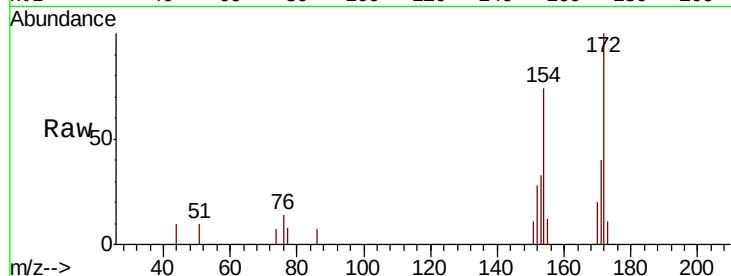




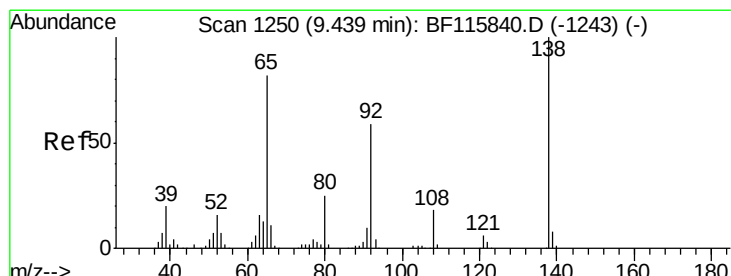
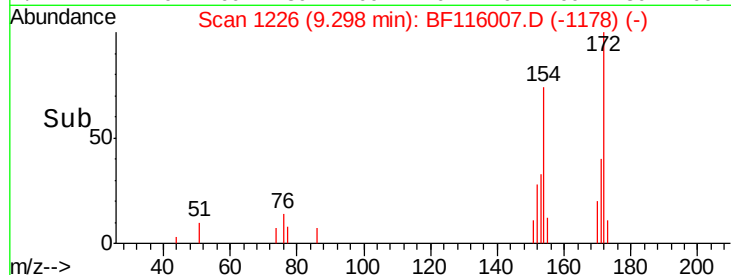
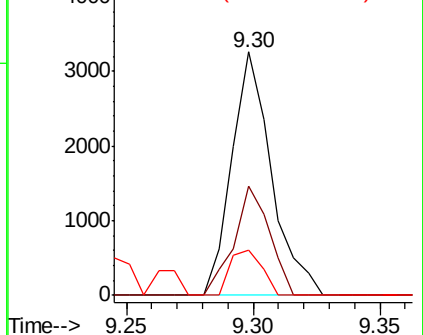
#46
 1,1'-Biphenyl
 Concen: 0.139 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.02 min
 Lab File: BF116007.D
 Acq: 6 Aug 2019 12:29

Instrument :
 BNA_F
 ClientSampleId :
 PB121978TB

Tot Ion:154	Resp:	3543
Ion Ratio	Lower	Upper
154	100	
153	44.7	20.9 60.9
76	18.6	0.0 34.3

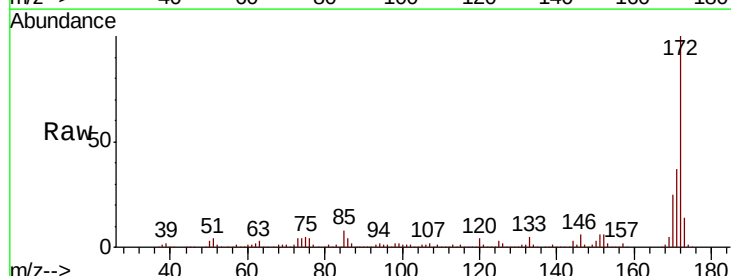


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

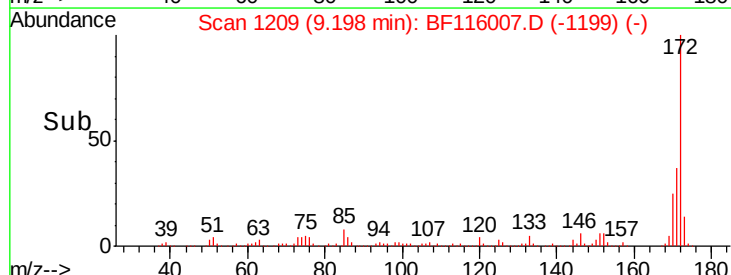
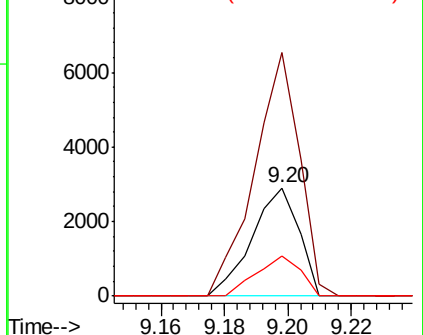


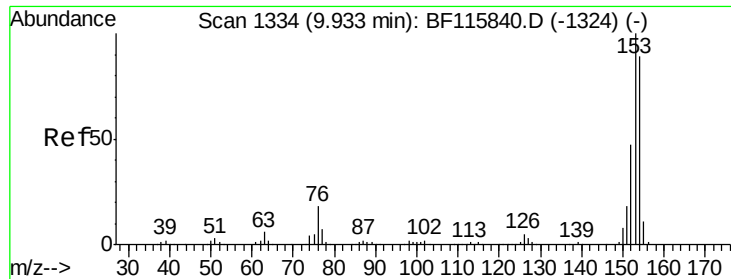
#48
 2-Nitroaniline
 Concen: 0.424 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.24 min
 Lab File: BF116007.D
 Acq: 6 Aug 2019 12:29

Tgt Ion: 65	Resp:	2979
Ion Ratio	Lower	Upper
65	100	
92	224.4	57.1 85.7#
138	37.0	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: 0.061 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.06 min

Lab File: BF116007.D

Acq: 6 Aug 2019 12:29

Instrument :

BNA_F

ClientSampleId :

PB121978TB

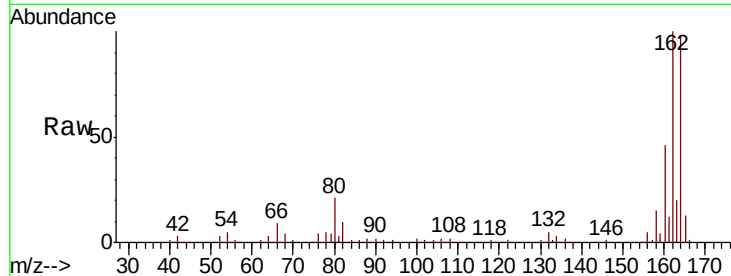
Tot Ion:154 Resp: 1154

Ion Ratio Lower Upper

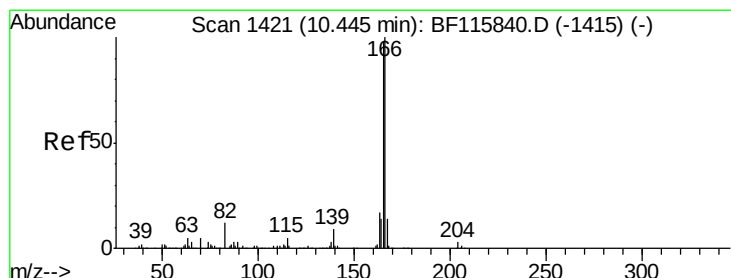
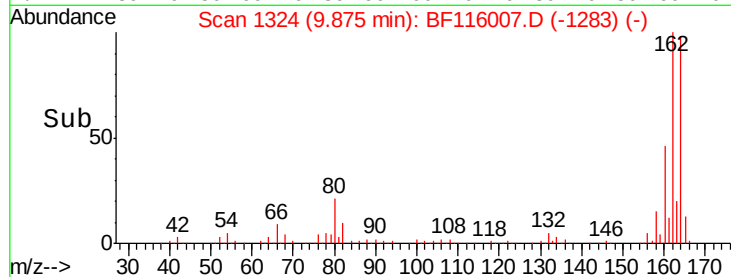
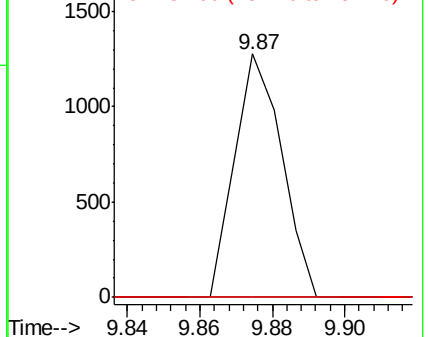
154 100

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: 0.817 ng

RT: 10.67 min Scan# 1459

Delta R.T. 0.22 min

Lab File: BF116007.D

Acq: 6 Aug 2019 12:29

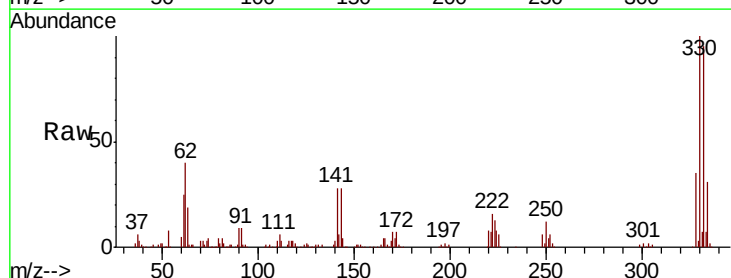
Tgt Ion:166 Resp: 17391

Ion Ratio Lower Upper

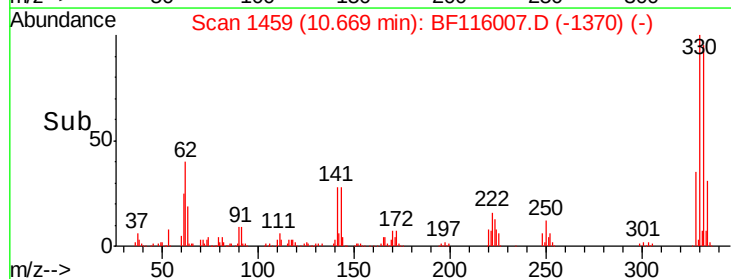
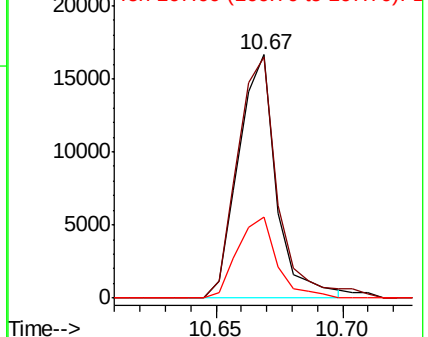
166 100

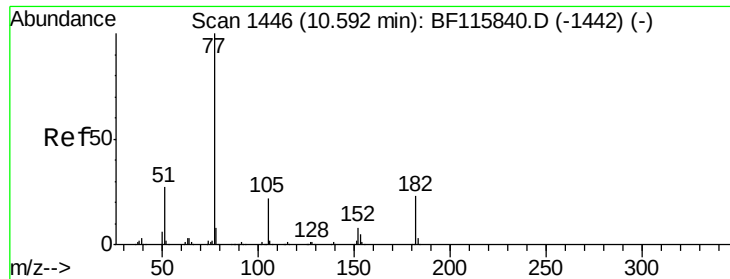
165 99.0 78.6 118.0

167 33.5 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: 0.072 ng

RT: 10.67 min Scan# 1459

Delta R.T. 0.08 min

Lab File: BF116007.D

Acq: 6 Aug 2019 12:29

Instrument :

BNA_F

ClientSampleId :

PB121978TB

Tot Ion: 77 Resp: 1704

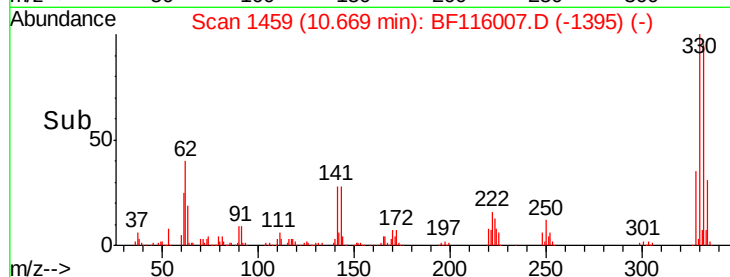
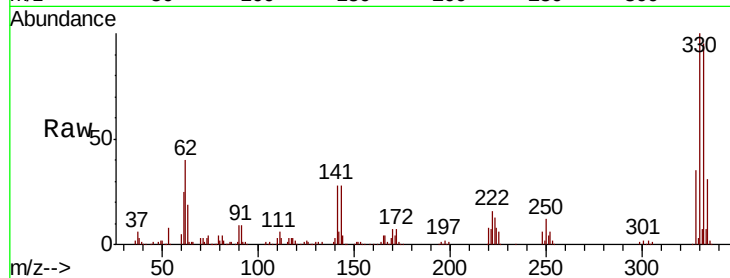
Ion Ratio Lower Upper

77 100

182 0.0 2.6 42.6#

105 91.7 1.6 41.6#

51 76.6 7.4 47.4#

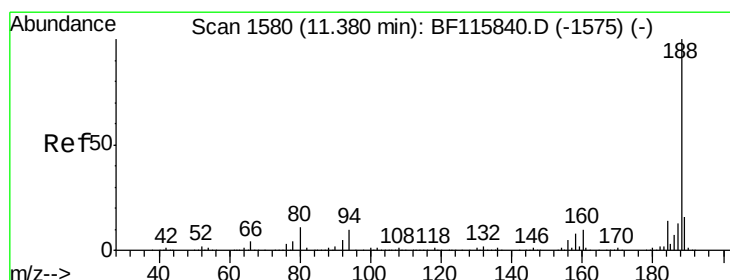
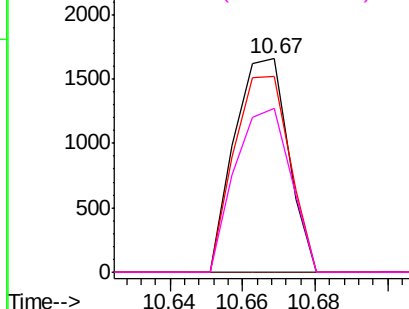


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF116007.D

Acq: 6 Aug 2019 12:29

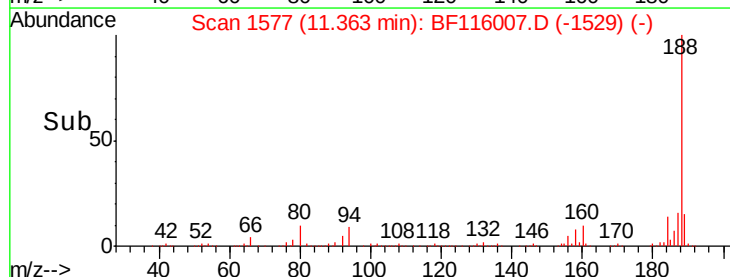
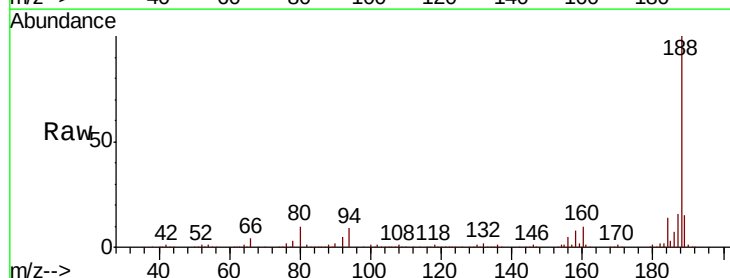
Tgt Ion: 188 Resp: 645609

Ion Ratio Lower Upper

188 100

94 9.2 8.0 12.0

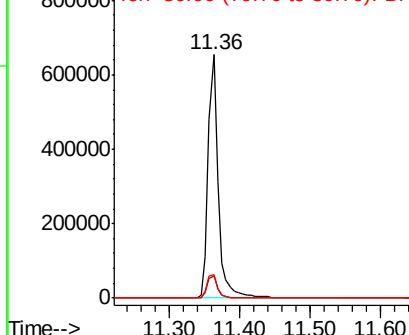
80 9.9 8.6 12.8

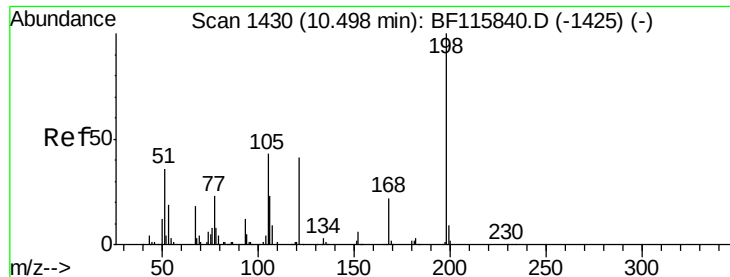


Abundance Ion 188.00 (187.70 to 188.70): E

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: 0.304 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.16 min

Lab File: BF116007.D

Acq: 6 Aug 2019 12:29

Instrument :

BNA_F

ClientSampleId :

PB121978TB

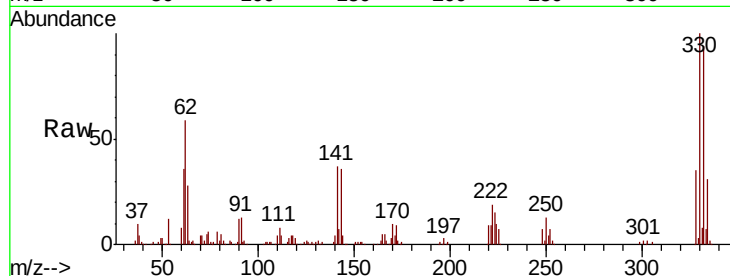
Tot Ion:198 Resp: 1040

Ion Ratio Lower Upper

198 100

51 115.1 21.1 61.1#

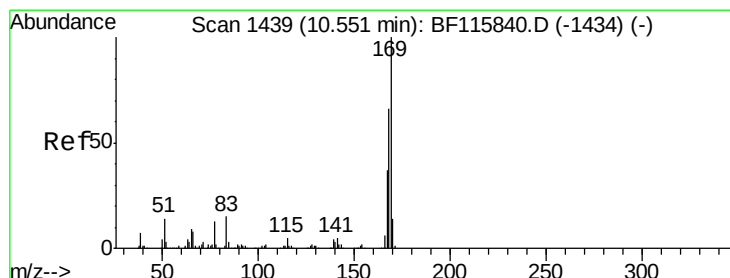
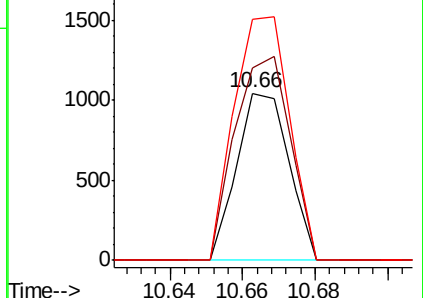
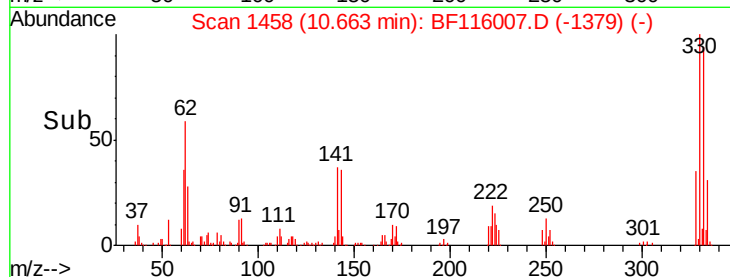
105 144.2 24.5 64.5#



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: 0.634 ng

RT: 10.67 min Scan# 1459

Delta R.T. 0.12 min

Lab File: BF116007.D

Acq: 6 Aug 2019 12:29

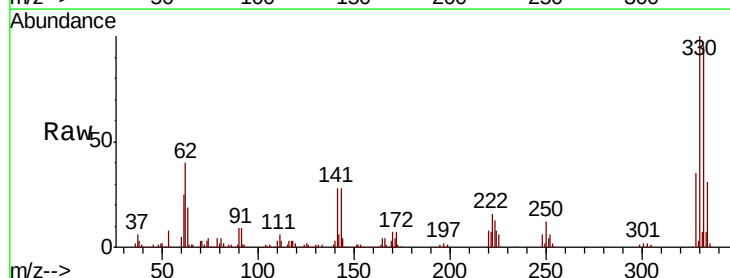
Tgt Ion:169 Resp: 12318

Ion Ratio Lower Upper

169 100

168 7.5 53.0 79.6#

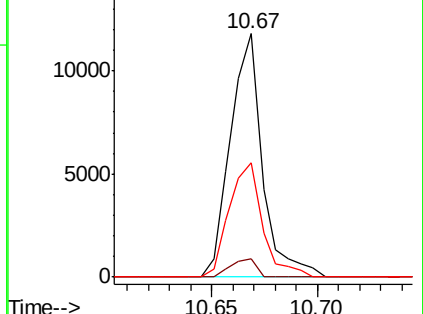
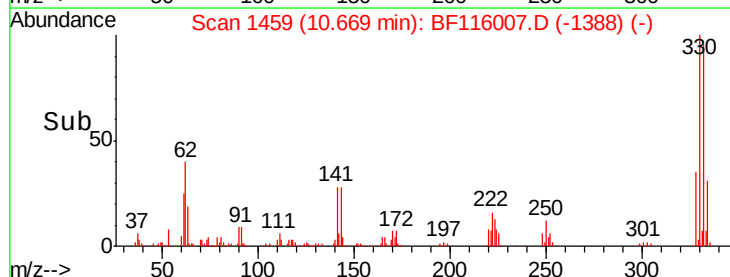
167 47.2 29.9 44.9#

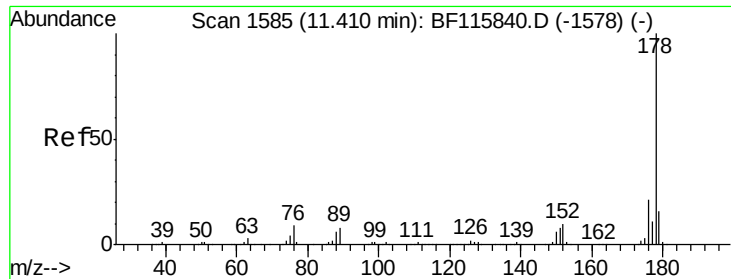


Abundance Ion 169.00 (168.70 to 169.70): E

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: 11.39 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BF116007.D

Acq: 6 Aug 2019 12:29

Instrument :

BNA_F

ClientSampleId :

PB121978TB

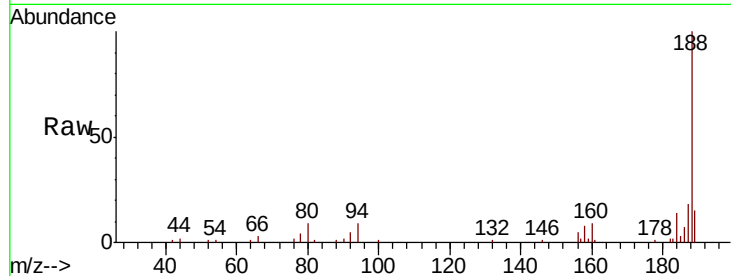
Tot Ion:178 Resp: 362

Ion Ratio Lower Upper

178 100

176 0.0 16.5 24.7#

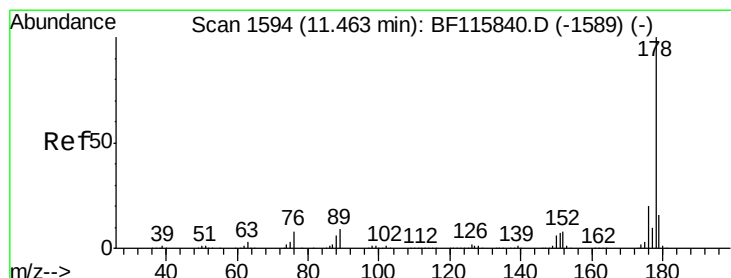
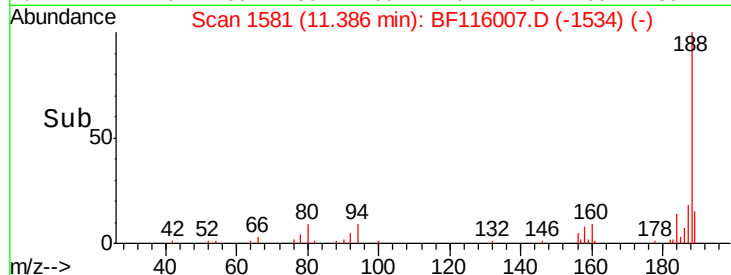
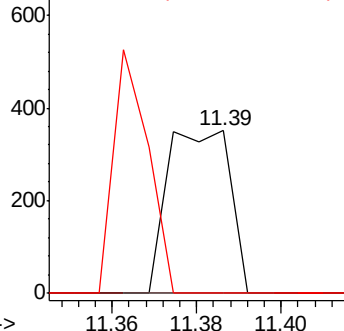
179 0.0 12.6 18.8#



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: 0.011 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.08 min

Lab File: BF116007.D

Acq: 6 Aug 2019 12:29

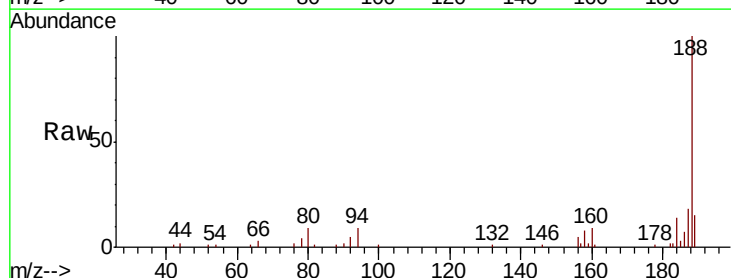
Tgt Ion:178 Resp: 362

Ion Ratio Lower Upper

178 100

176 0.0 15.7 23.5#

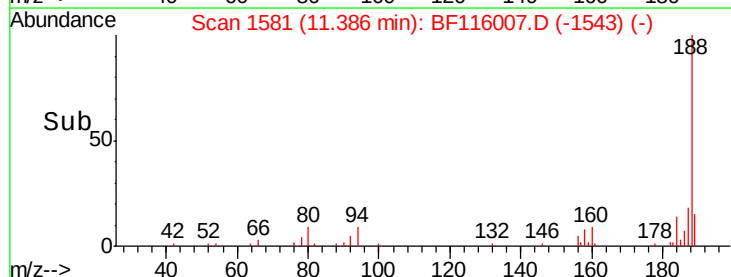
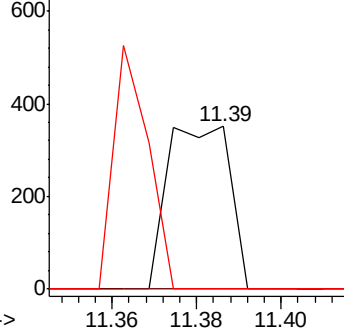
179 0.0 12.4 18.6#

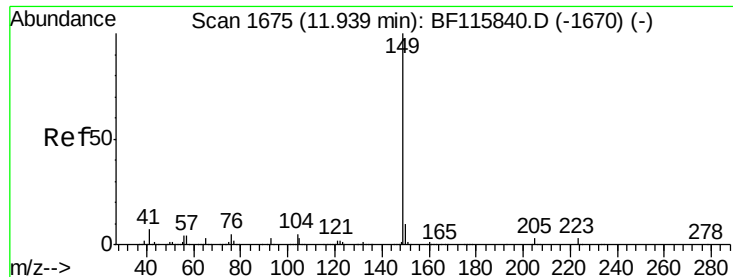


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Di-n-butylphthalate

Concen: 0.020 ng

RT: 11.92 min Scan# 1672

Delta R.T. -0.02 min

Lab File: BF116007.D

Acq: 6 Aug 2019 12:29

Instrument :

BNA_F

ClientSampleId :

PB121978TB

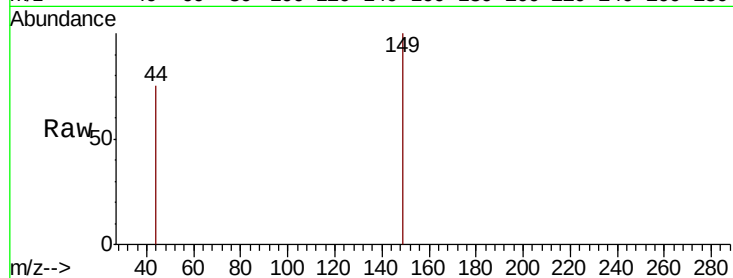
Tot Ion:149 Resp: 705

Ion Ratio Lower Upper

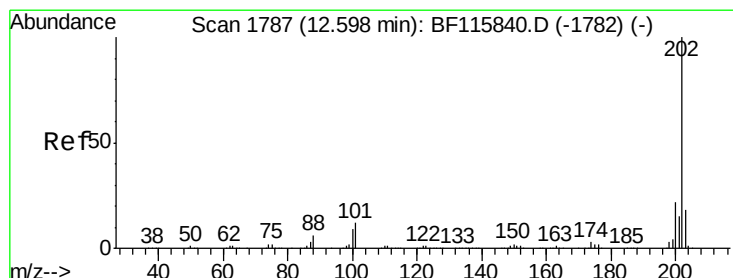
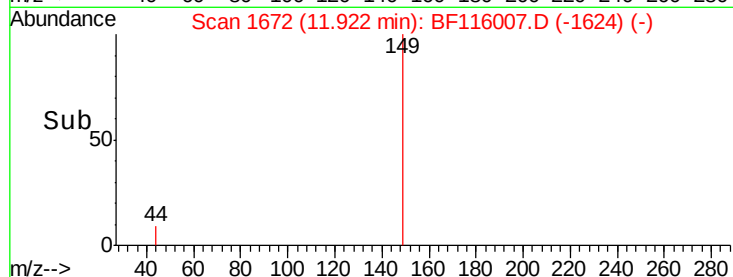
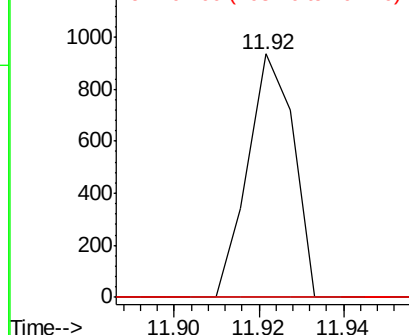
149 100

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: 0.003 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF116007.D

Acq: 6 Aug 2019 12:29

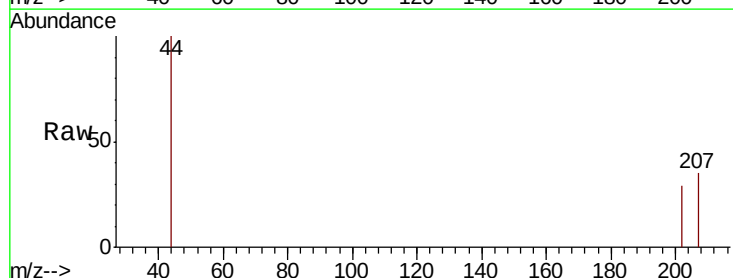
Tgt Ion:202 Resp: 107

Ion Ratio Lower Upper

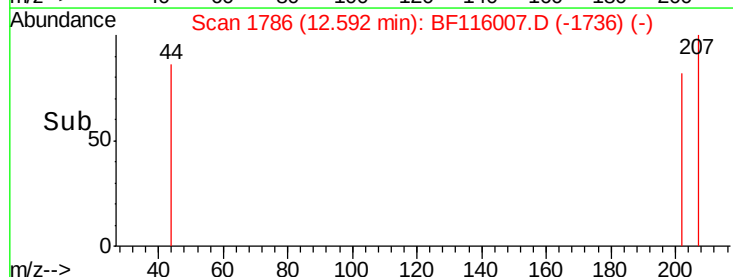
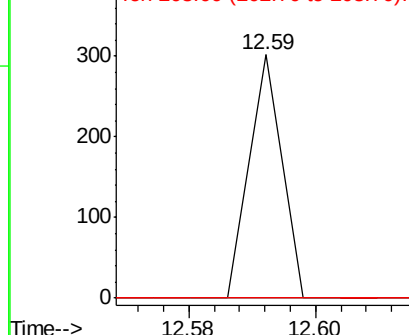
202 100

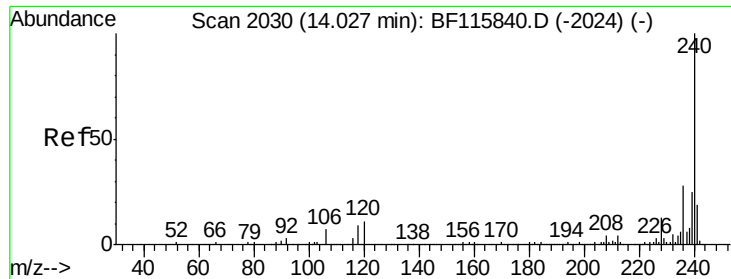
101 0.0 0.0 31.5

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

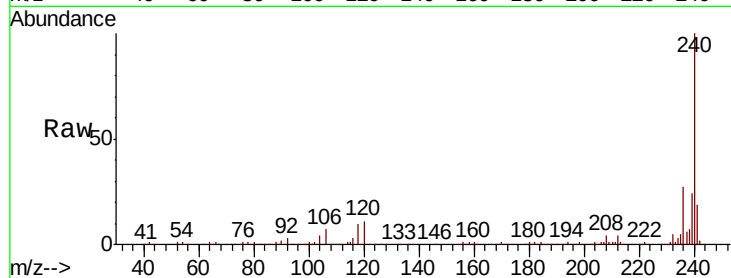




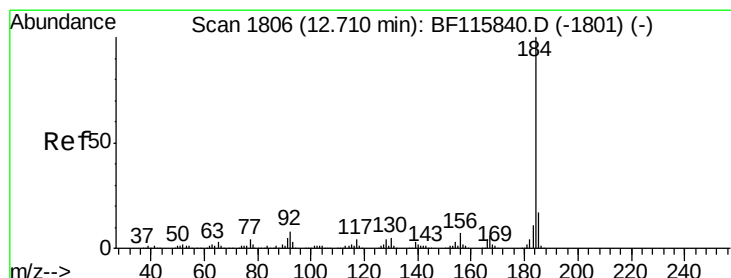
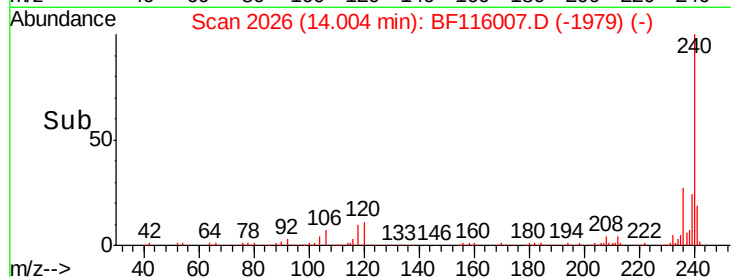
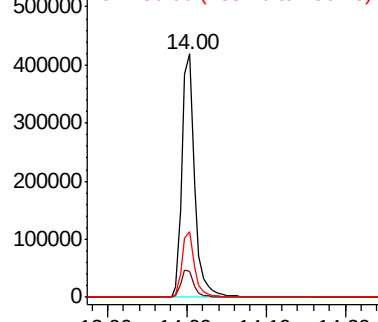
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BF116007.D
 Acq: 6 Aug 2019 12:29

Instrument :
 BNA_F
 ClientSampleId :
 PB121978TB

Tot Ion:240 Resp: 469265
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.5 12.7
 236 27.0 22.2 33.2

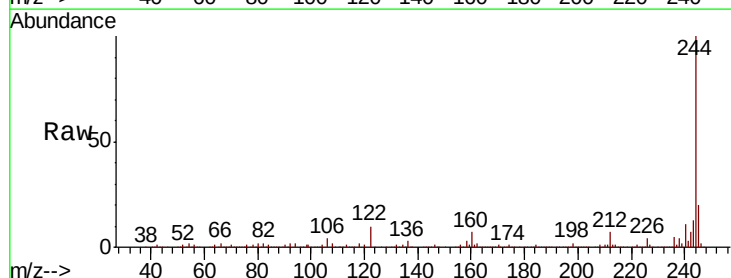


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

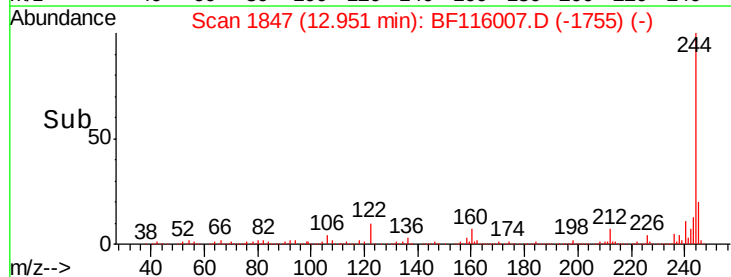
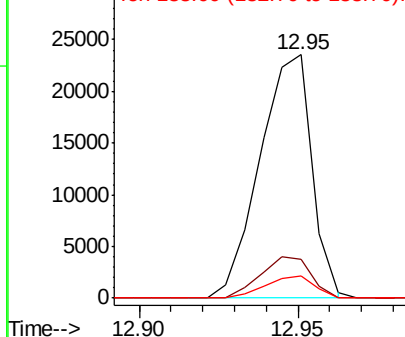


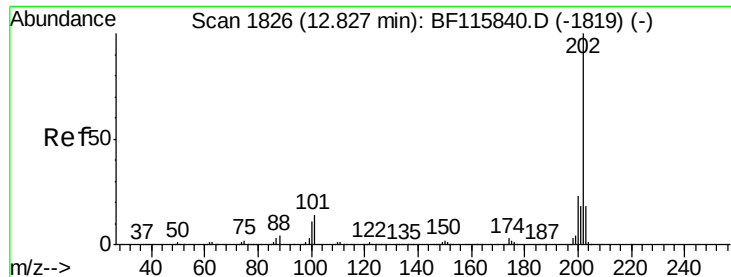
#77
 Benzidine
 Concen: 1.693 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. 0.24 min
 Lab File: BF116007.D
 Acq: 6 Aug 2019 12:29

Tgt Ion:184 Resp: 26841
 Ion Ratio Lower Upper
 184 100
 185 16.0 13.4 20.2
 183 9.1 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

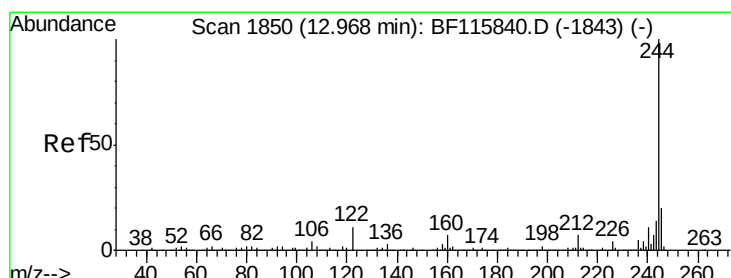
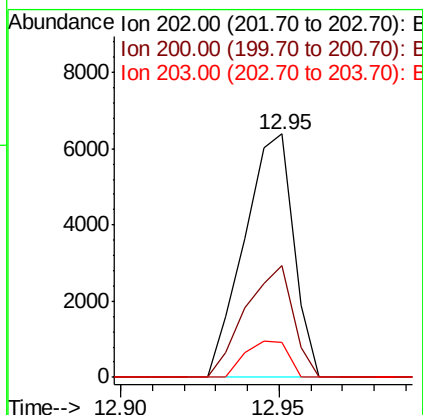
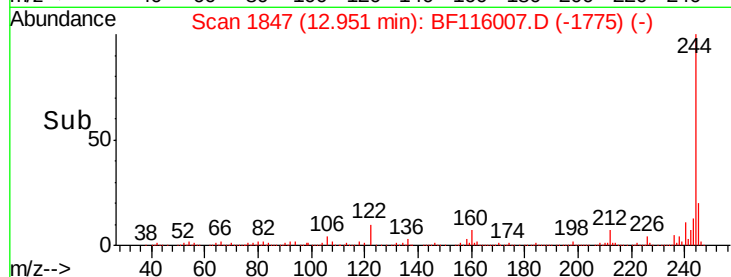
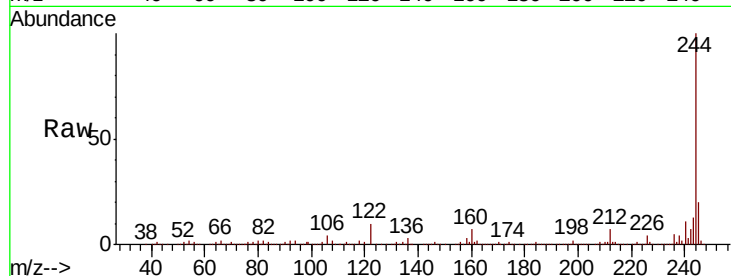




#78
Pvrene
Concen: 0.195 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.12 min
Lab File: BF116007.D
Acq: 6 Aug 2019 12:29

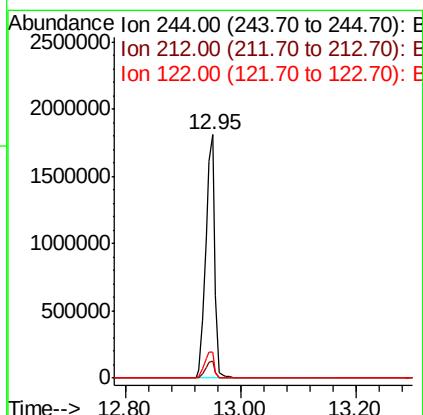
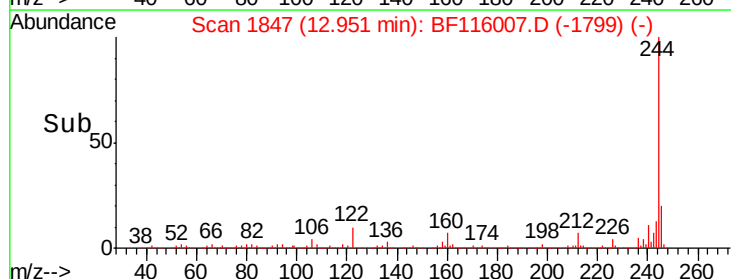
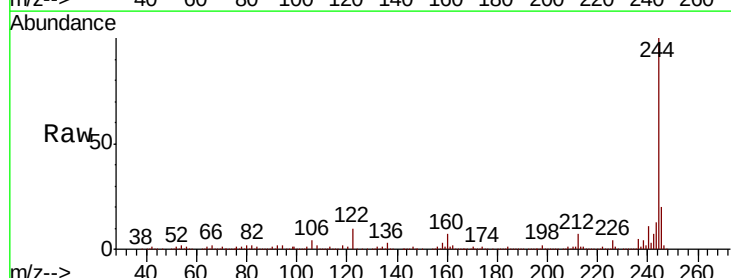
Instrument :
BNA_F
ClientSampleId :
PB121978TB

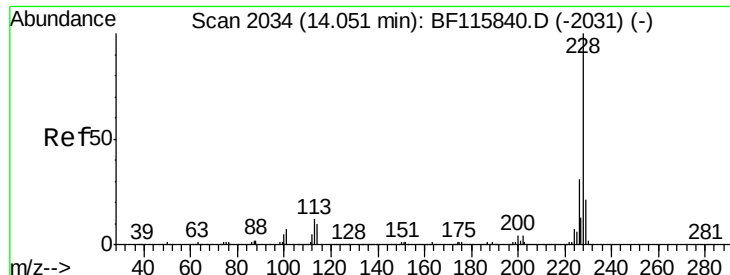
Tot Ion:202 Resp: 6891
Ion Ratio Lower Upper
202 100
200 46.2 18.2 27.2#
203 14.2 14.3 21.5#



#79
Terphenyl-d14
Concen: 90.495 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF116007.D
Acq: 6 Aug 2019 12:29

Tgt Ion:244 Resp: 2015320
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 10.5 8.6 13.0





#83

Chrysene

Concen: 0.070 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.05 min

Lab File: BF116007.D

Acq: 6 Aug 2019 12:29

Instrument :

BNA_F

ClientSampleId :

PB121978TB

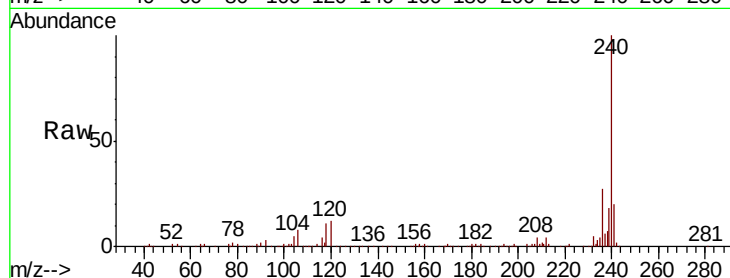
Tot Ion:228 Resp: 2042

Ion Ratio Lower Upper

228 100

226 0.0 24.8 37.2#

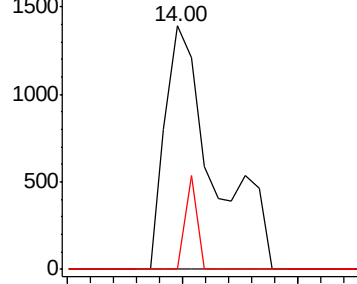
229 0.0 16.4 24.6#



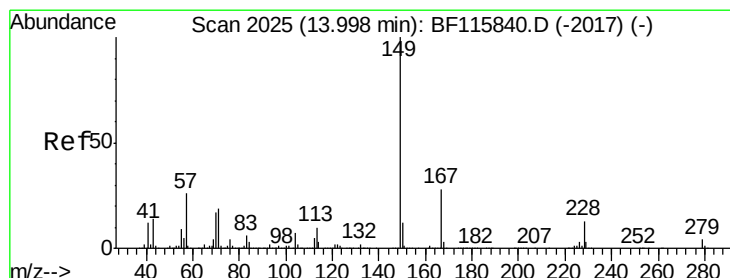
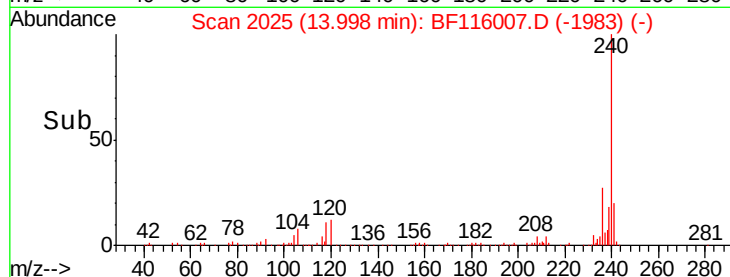
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 13.95 14.00 14.05



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.030 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BF116007.D

Acq: 6 Aug 2019 12:29

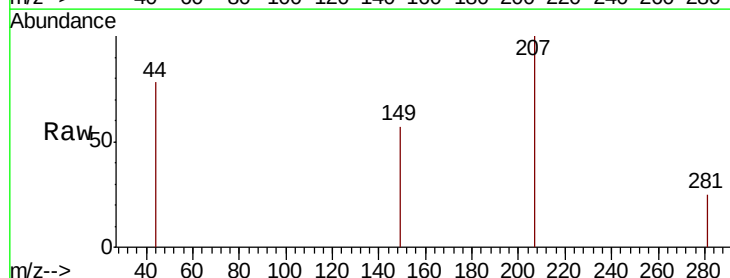
Tgt Ion:149 Resp: 578

Ion Ratio Lower Upper

149 100

167 0.0 22.4 33.6#

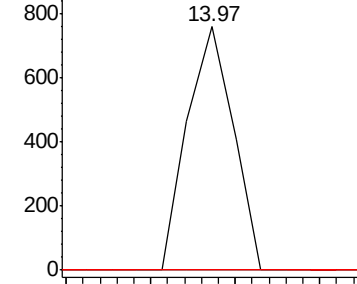
279 0.0 3.3 4.9#



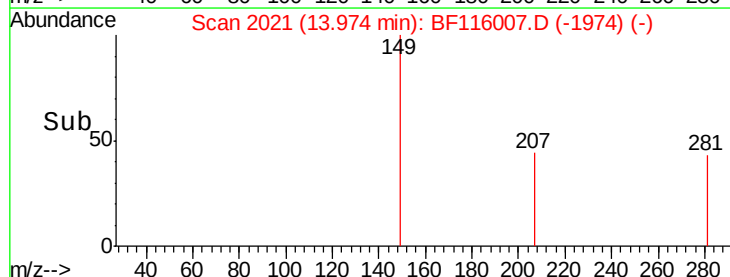
Abundance Ion 149.00 (148.70 to 149.70): E

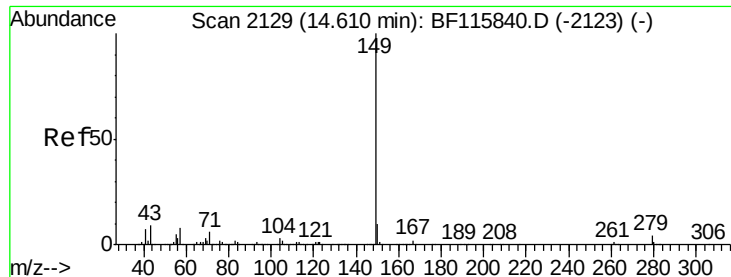
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 13.94 13.96 13.98 14.00





#85

Di-n-octyl phthalate

Concen: 0.004 ng

RT: 14.59 min Scan# 2125

Delta R.T. -0.02 min

Lab File: BF116007.D

Acq: 6 Aug 2019 12:29

Instrument :

BNA_F

ClientSampleId :

PB121978TB

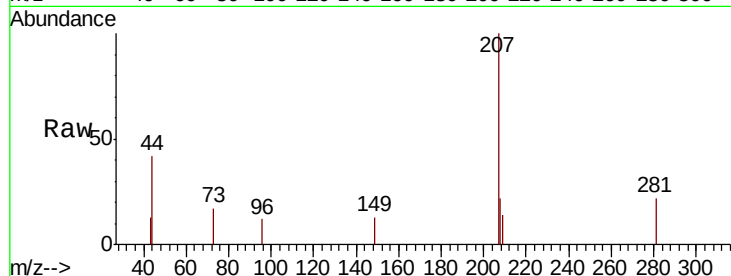
Tot Ion:149 Resp: 117

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

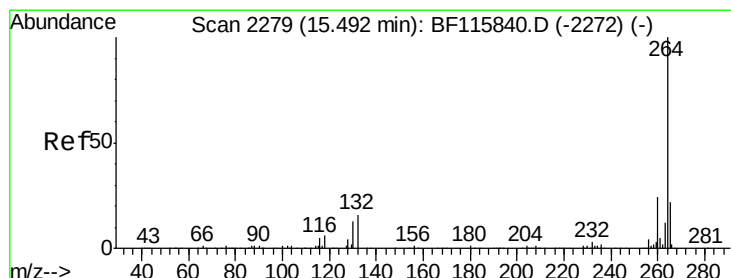
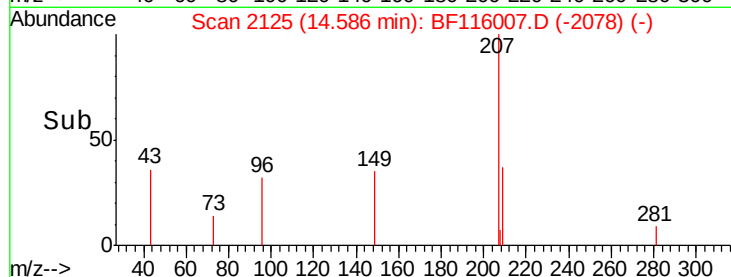
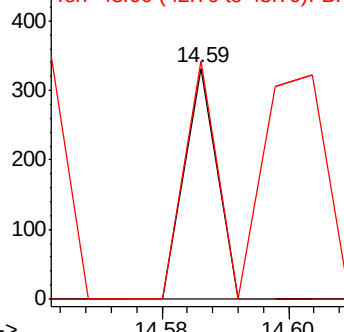
43 188.9 7.4 11.0#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.02 min

Lab File: BF116007.D

Acq: 6 Aug 2019 12:29

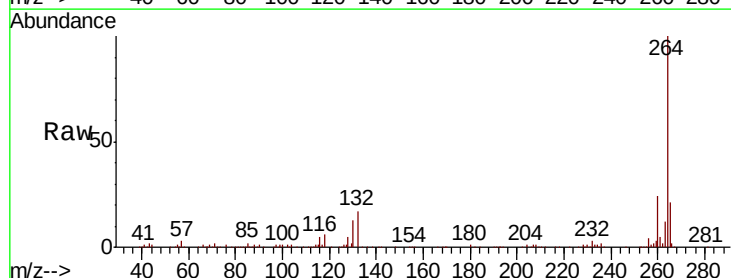
Tgt Ion:264 Resp: 422333

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

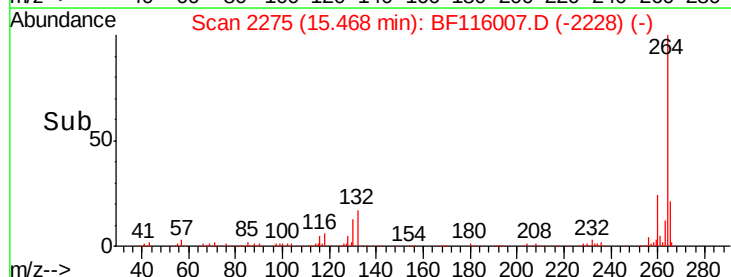
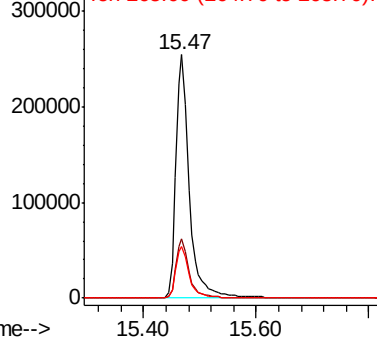
265 21.5 17.5 26.3

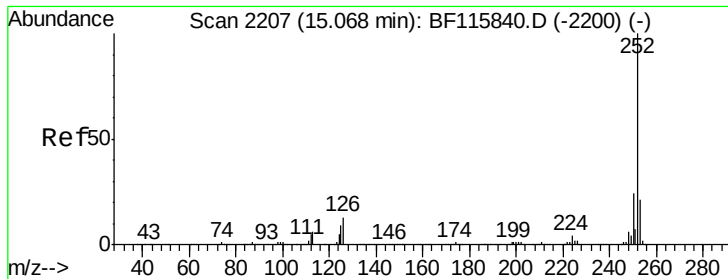


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 0.021 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BF116007.D

Acq: 6 Aug 2019 12:29

Instrument :

BNA_F

ClientSampleId :

PB121978TB

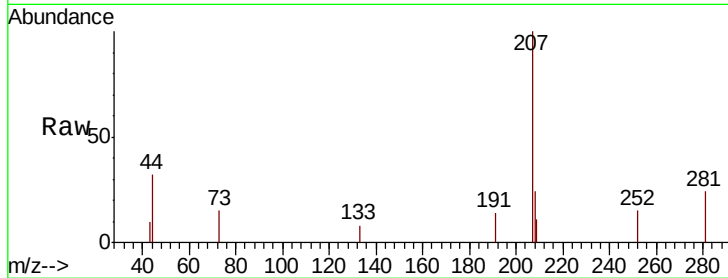
Tot Ion:252 Resp: 503

Ion Ratio Lower Upper

252 100

253 0.0 17.2 25.8#

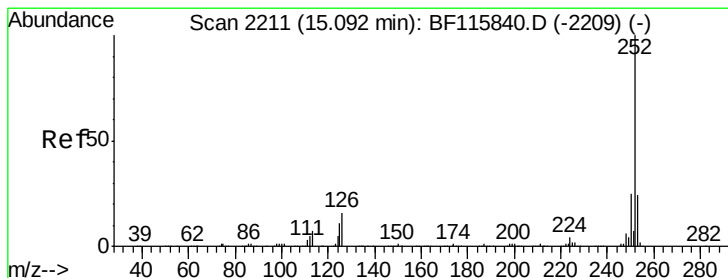
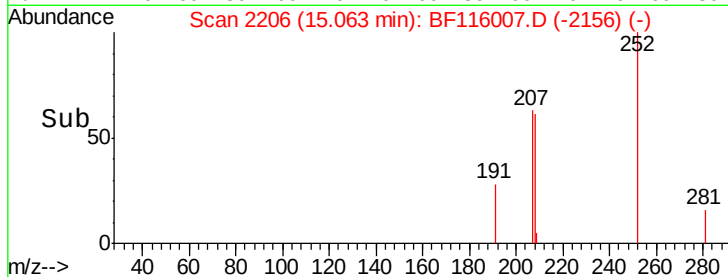
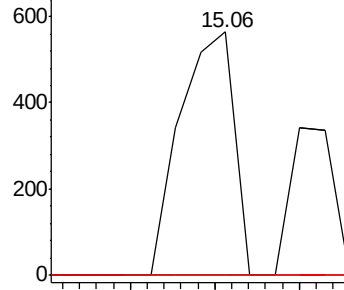
125 0.0 7.4 11.0#



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: 0.021 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.03 min

Lab File: BF116007.D

Acq: 6 Aug 2019 12:29

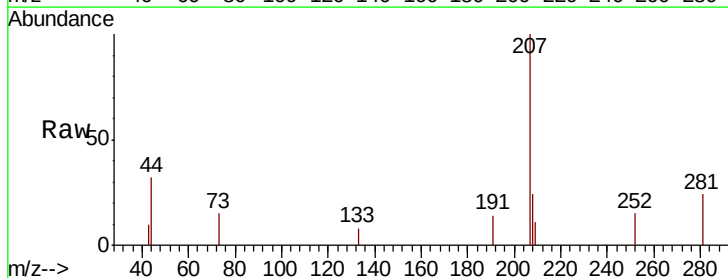
Tgt Ion:252 Resp: 503

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.4#

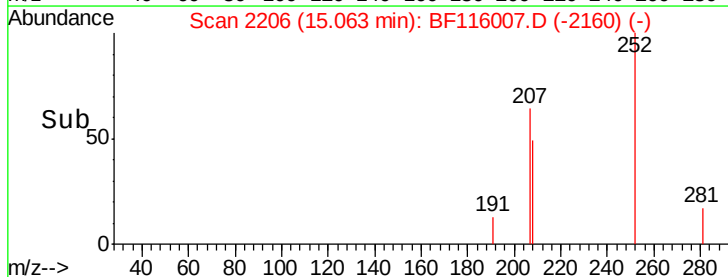
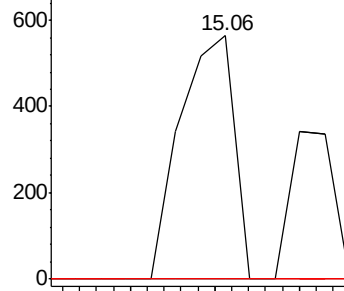
125 0.0 8.9 13.3#

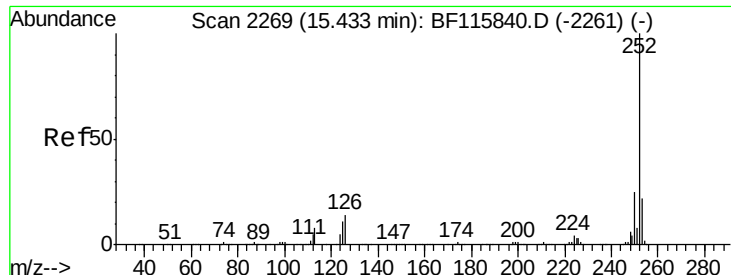


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.056 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.04 min

Lab File: BF116007.D

Acq: 6 Aug 2019 12:29

Instrument :

BNA_F

ClientSampleId :

PB121978TB

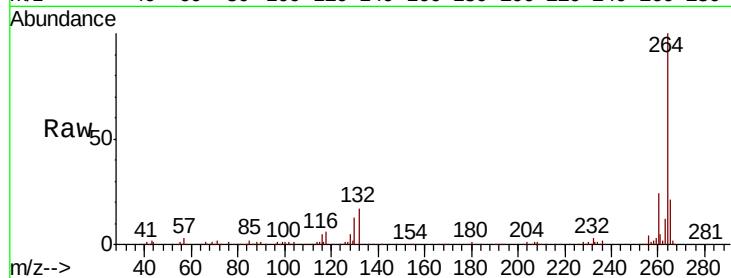
Tot Ion:252 Resp: 1213

Ion Ratio Lower Upper

252 100

253 36.9 17.8 26.6#

125 48.9 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

