

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
 Data File : BF116670.D
 Acq On : 31 Aug 2019 00:36
 Operator : HP/JU
 Sample : K4613-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 03:42:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	94984	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	373849	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	192072	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	326242	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	256934	20.00	ng	0.00
87) Perylene-d12	15.44	264	256011	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	814780	138.97	ng	0.00
7) Phenol-d6	6.47	99	1125319	146.17	ng	0.00
23) Nitrobenzene-d5	7.40	82	690308	105.41	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	203783	158.70	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1081455	94.98	ng	0.00
79) Terphenyl-d14	12.94	244	1057331	76.13	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Pyridine	3.26	79	111	0.014	ng	# 29
6) Aniline	6.49	93	1228	0.115	ng	# 1
8) 2-Chlorophenol	6.63	128	260	0.041	ng	# 1
9) Benzaldehyde	6.48	77	2329	0.459	ng	# 2
10) Phenol	6.49	94	40843	4.791	ng	# 89
11) bis(2-Chloroethyl)ether	6.62	93	1330	0.200	ng	# 1
15) Benzyl Alcohol	7.00	79	11012	1.762	ng	# 48
19) n-Nitroso-di-n-propylamine	7.40	70	91958	18.141	ng	# 73
22) Acetophenone	7.33	105	115	0.013	ng	# 12
24) Nitrobenzene	7.40	77	2205	0.331	ng	# 43
25) Isophorone	7.40	82	688310	51.870	ng	# 66
35) Caprolactam	8.50	113	140	0.078	ng	# 26
38) 1-Methylnaphthalene	9.20	142	384	0.034	ng	# 51
46) 1,1'-Biphenyl	9.30	154	1777	0.122	ng	# 55
47) 2-Chloronaphthalene	9.59	162	404	0.035	ng	# 1
48) 2-Nitroaniline	9.59	65	1261	0.378	ng	# 1
50) Dimethylphthalate	9.59	163	110212	8.311	ng	# 98
51) 2,6-Dinitrotoluene	9.59	165	1031	0.408	ng	# 1
52) Acenaphthene	9.88	154	507	0.047	ng	# 5
57) 2,4-Dinitrotoluene	9.88	165	24386	7.883	ng	# 22
58) Fluorene	10.66	166	11248	0.977	ng	# 92
60) Diethylphthalate	10.29	149	721	0.054	ng	# 60
63) Azobenzene	10.66	77	1875	0.135	ng	# 10
65) 4,6-Dinitro-2-methylphenol	10.66	198	562	7.846	ng	# 1
66) n-Nitrosodiphenylamine	10.66	169	8535	0.756	ng	# 46
67) 4-Bromophenyl-phenylether	10.67	248	13626	4.111	ng	# 1
71) Phenanthrene	11.38	178	479	0.026	ng	# 60
72) Anthracene	11.38	178	479	0.026	ng	# 60
74) Di-n-butylphthalate	11.92	149	1835	0.082	ng	# 79
75) Fluoranthene	12.57	202	321	0.018	ng	# 64
77) Benzdine	12.94	184	14581	1.447	ng	# 93
78) Pvrene	12.80	202	478	0.021	ng	# 58
80) Butylbenzylphthalate	13.40	149	127	0.011	ng	# 62
81) Benzo(a)anthracene	13.99	228	802	0.049	ng	# 51

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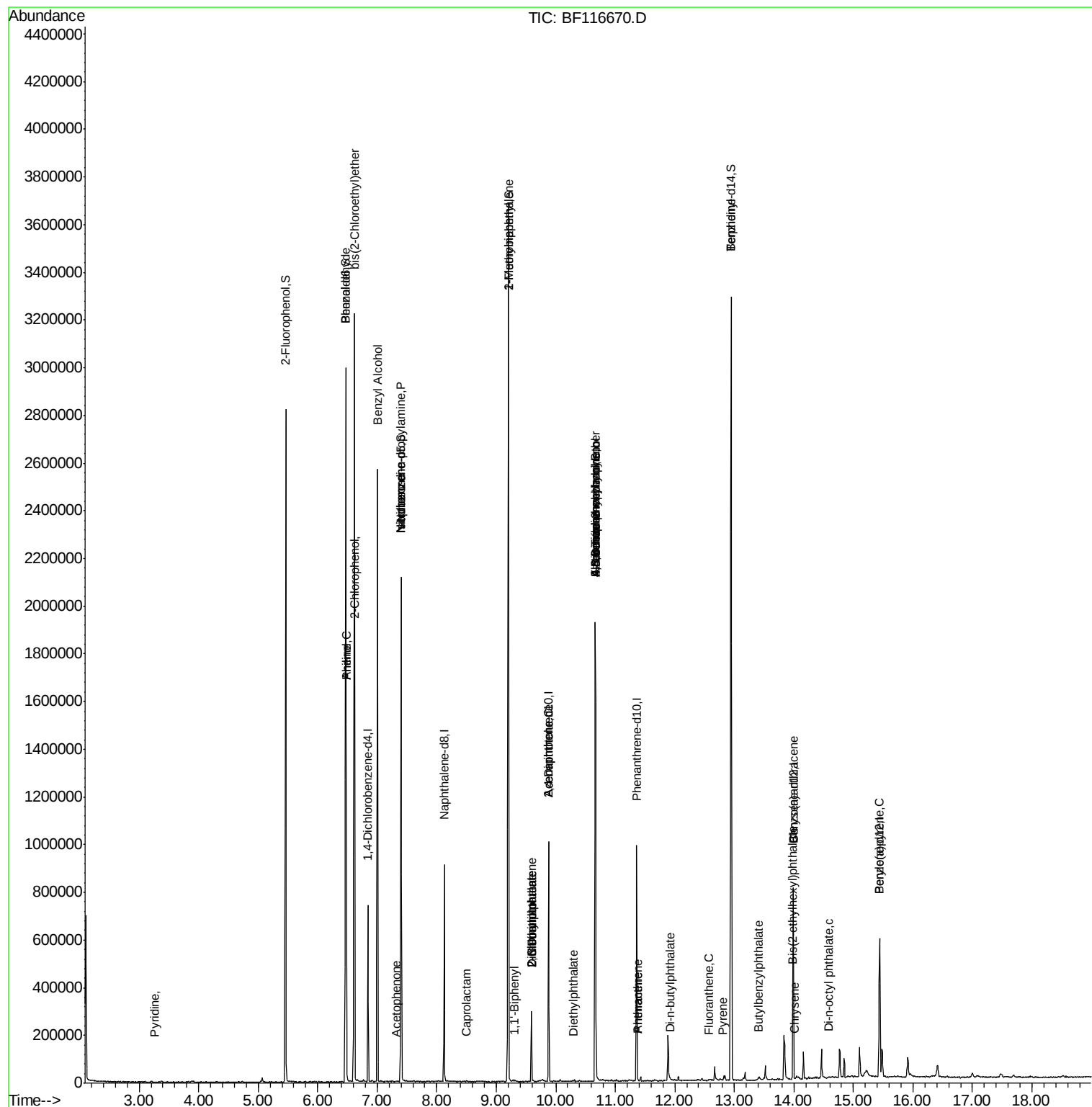
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Chrysene	14.02	228	141	0.008	ng	# 50
84) Bis(2-ethylhexyl)phthalate	13.97	149	1770	0.129	ng	# 84
85) Di-n-octyl phthalate	14.58	149	110	0.005	ng	# 1
90) Benzo(a)pyrene	15.44	252	959	0.071	ng	# 59

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

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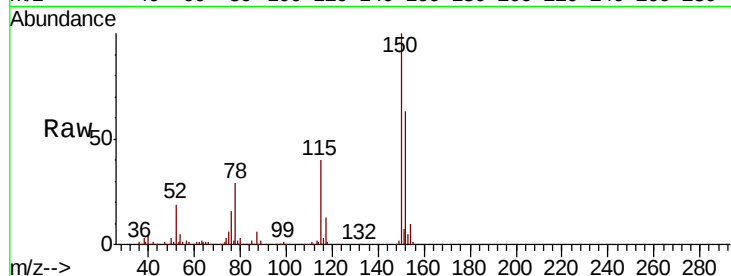


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116670.D
Acq: 31 Aug 2019 00:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.4	186.6
115	63.2	49.9	74.9

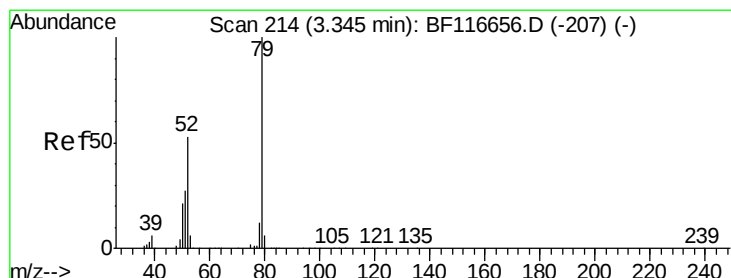
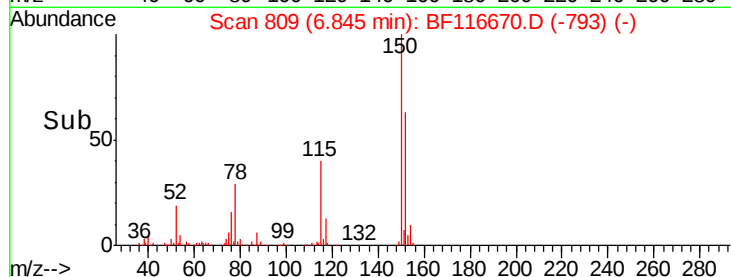
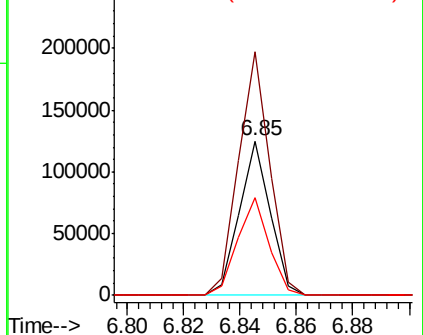


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

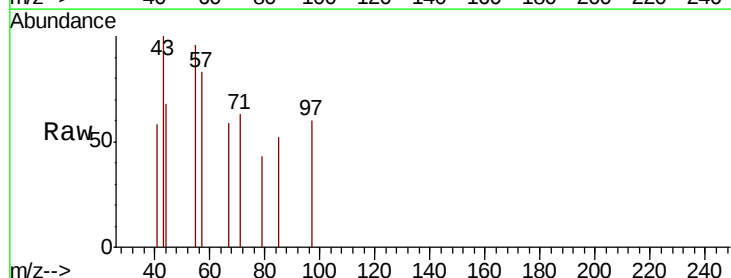
Ion 115.00 (114.70 to 115.70): E



#3

Pyridine
Concen: 0.014 ng
RT: 3.26 min Scan# 200
Delta R.T. -0.08 min
Lab File: BF116670.D
Acq: 31 Aug 2019 00:36

Tgt Ion	Ratio	Lower	Upper
79	100		
52	0.0	47.4	71.0#
51	0.0	24.1	36.1#

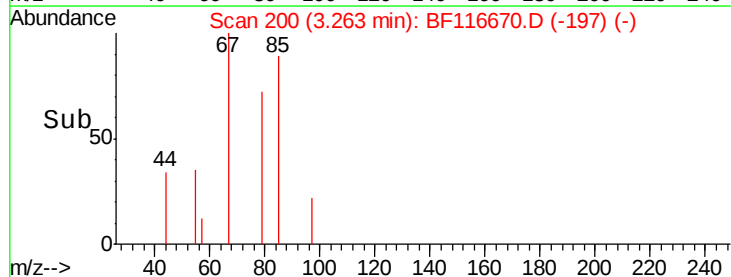
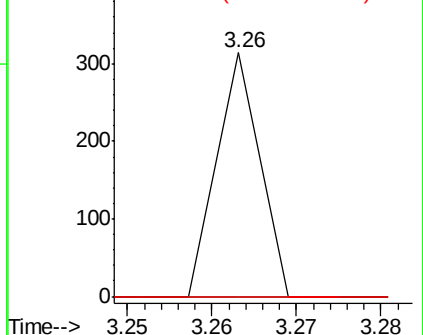


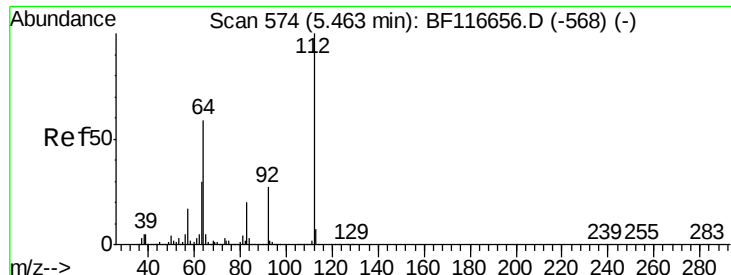
Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1





#5

2-Fluorophenol

Concen: 138.970 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF116670.D

Acq: 31 Aug 2019 00:36

Instrument :

BNA_F

ClientSampleId :

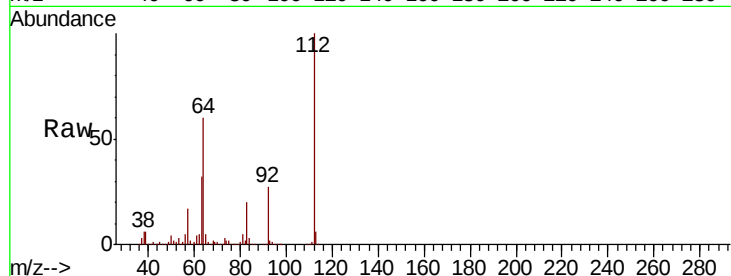
Tot Ion:112 Resp: 814780

Ion Ratio Lower Upper

112 100

64 60.0 47.1 70.7

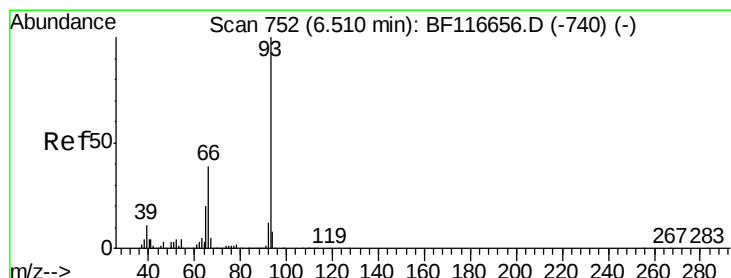
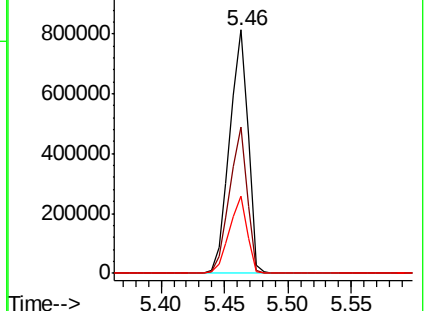
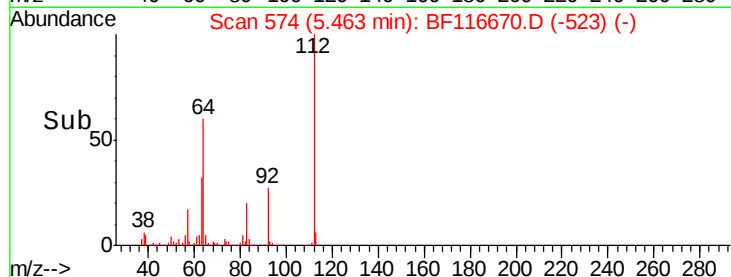
63 31.7 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.115 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF116670.D

Acq: 31 Aug 2019 00:36

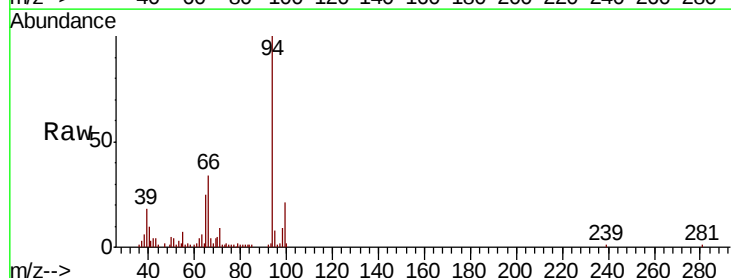
Tgt Ion: 93 Resp: 1228

Ion Ratio Lower Upper

93 100

66 1455.5 32.7 49.1#

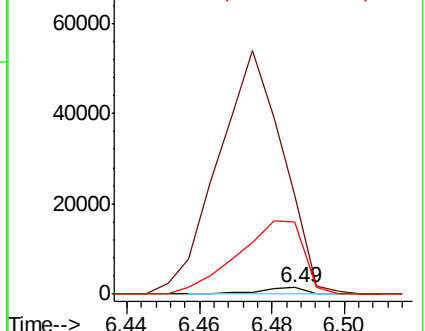
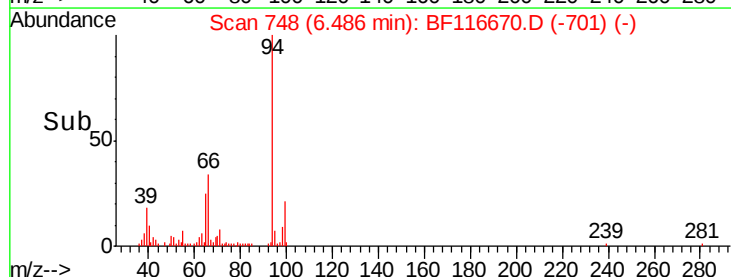
65 1072.7 16.3 24.5#

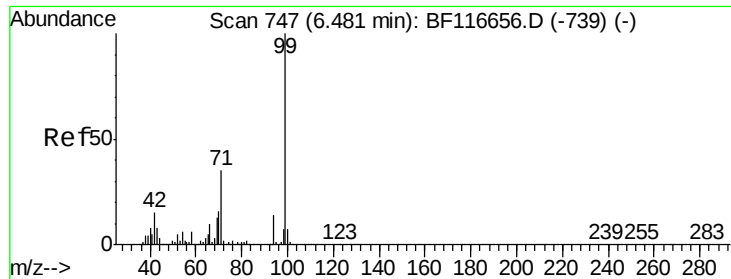


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 146.169 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116670.D

Acq: 31 Aug 2019 00:36

Instrument :

BNA_F

ClientSampled :

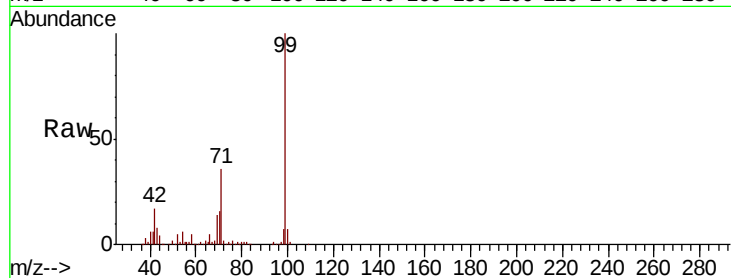
Tot Ion: 99 Resp: 1125319

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.7	20.5
71	35.9	30.8	46.2

99 100

42 16.5 13.7 20.5

71 35.9 30.8 46.2

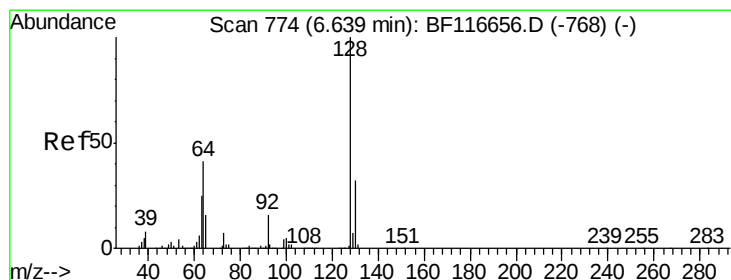
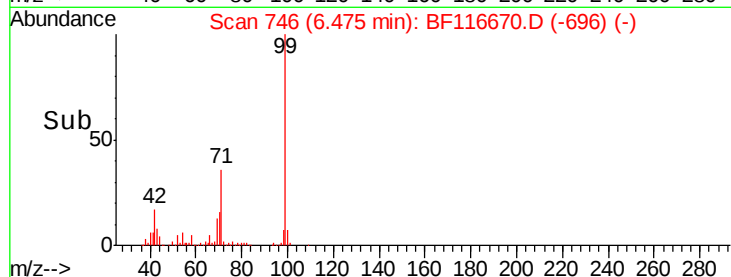
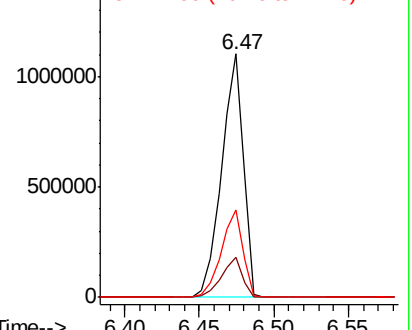


Abundance

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: 0.041 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF116670.D

Acq: 31 Aug 2019 00:36

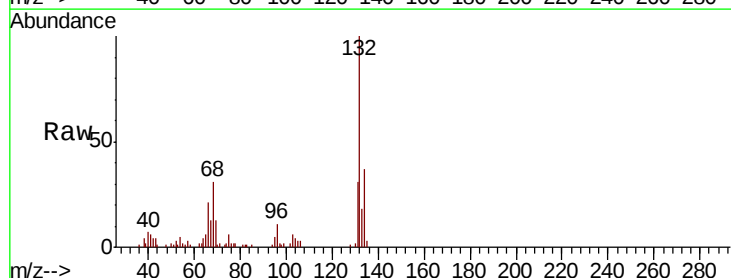
Tgt Ion: 128 Resp: 260

Ion	Ratio	Lower	Upper
128	100		
130	195.5	12.3	52.3#
64	416.8	22.5	62.5#

128 100

130 195.5 12.3 52.3#

64 416.8 22.5 62.5#

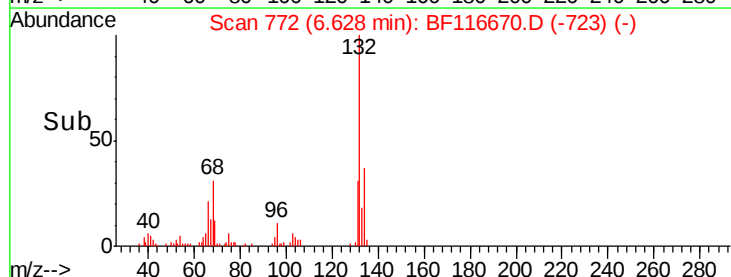
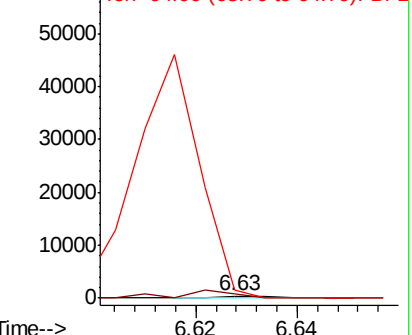


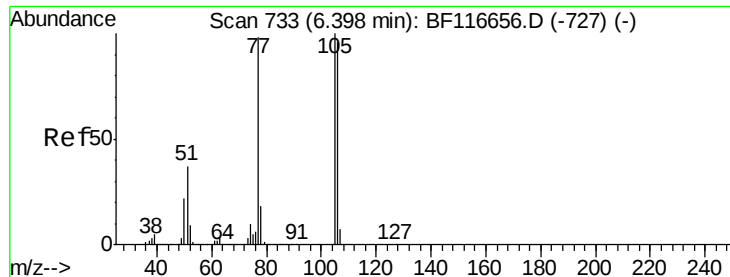
Abundance

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: 0.459 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.08 min

Lab File: BF116670.D

Acq: 31 Aug 2019 00:36

Instrument :

BNA_F

ClientSampleId :

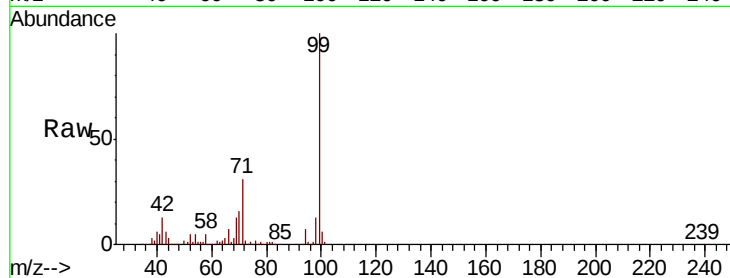
Tot Ion: 77 Resp: 2329

Ion Ratio Lower Upper

77 100

105 0.0 76.7 116.7#

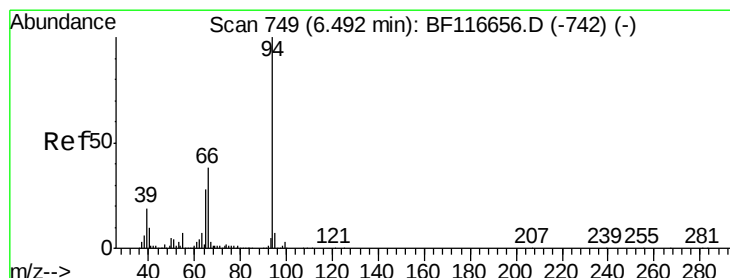
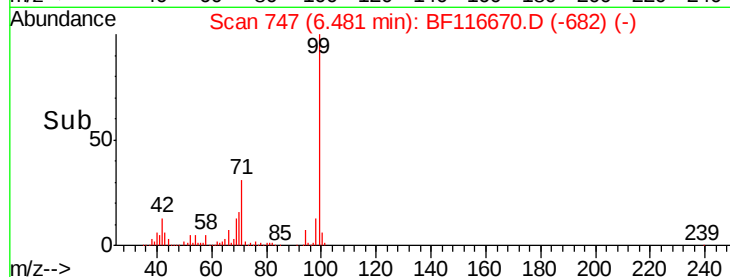
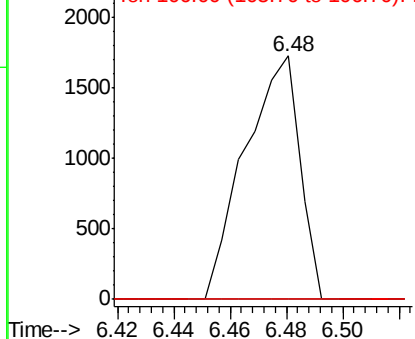
106 0.0 73.1 113.1#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 4.791 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF116670.D

Acq: 31 Aug 2019 00:36

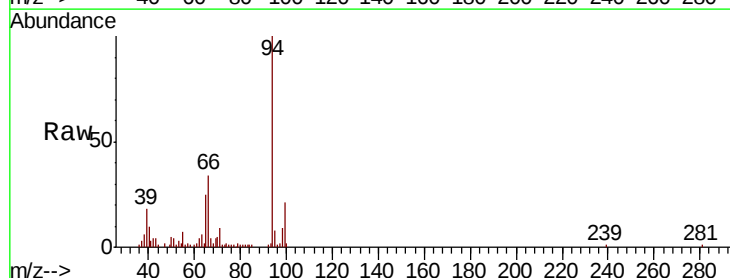
Tgt Ion: 94 Resp: 40843

Ion Ratio Lower Upper

94 100

65 25.2 10.8 50.8

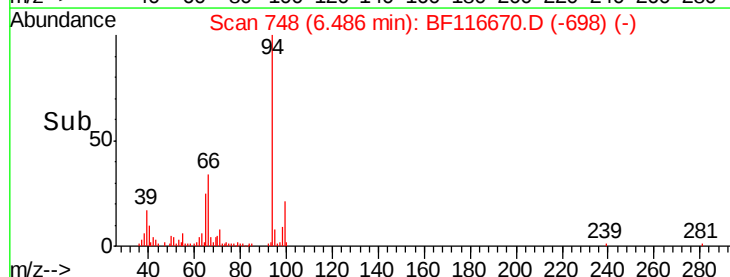
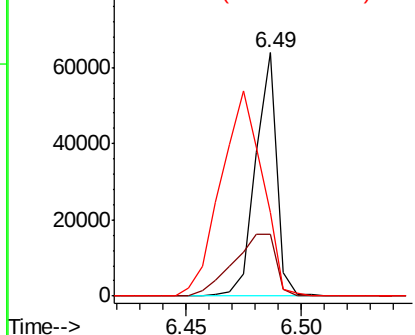
66 34.2 21.1 61.1

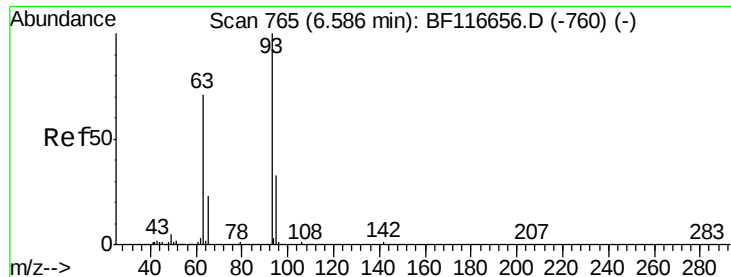


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

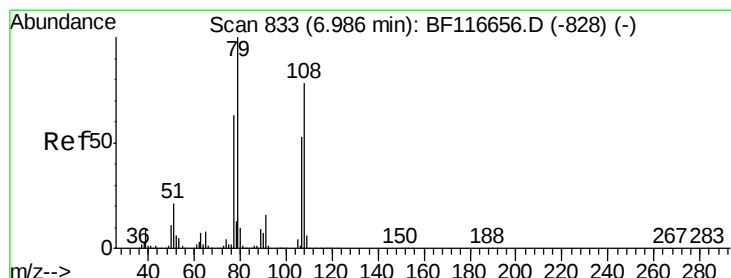
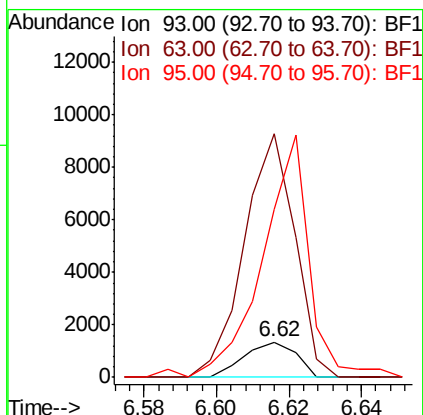
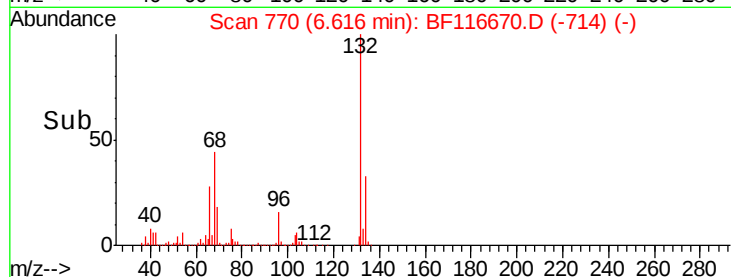
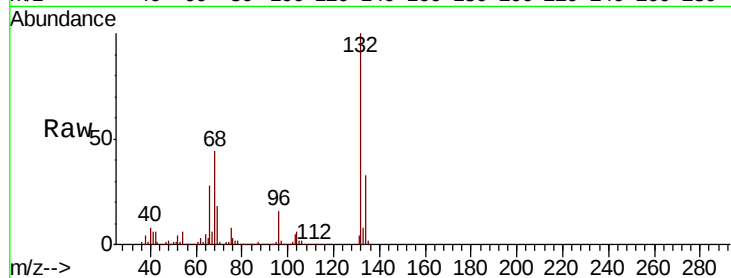




#11
bis(2-Chloroethyl)ether
Concen: 0.200 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.03 min
Lab File: BF116670.D
Acq: 31 Aug 2019 00:36

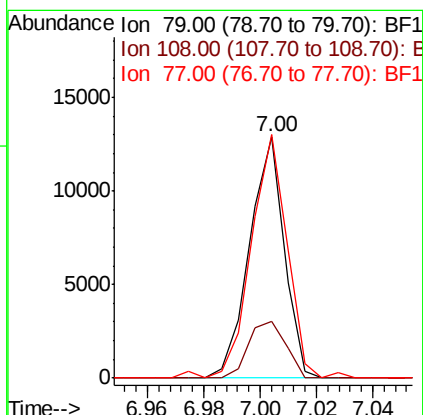
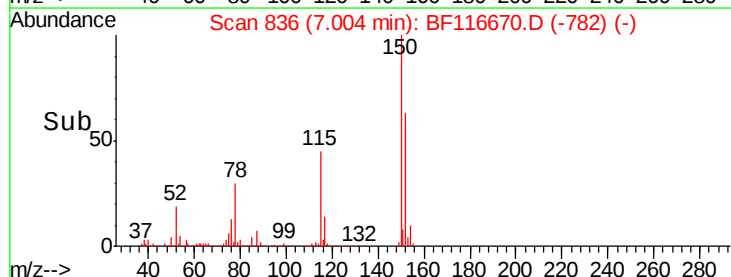
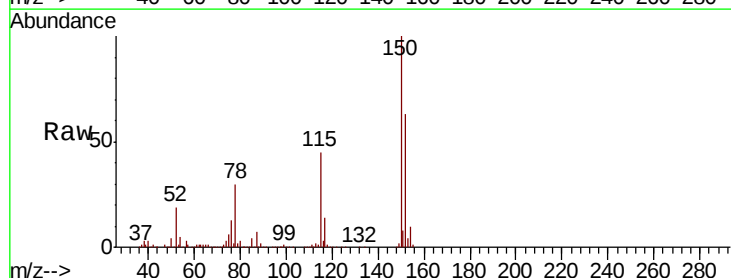
Instrument :
BNA_F
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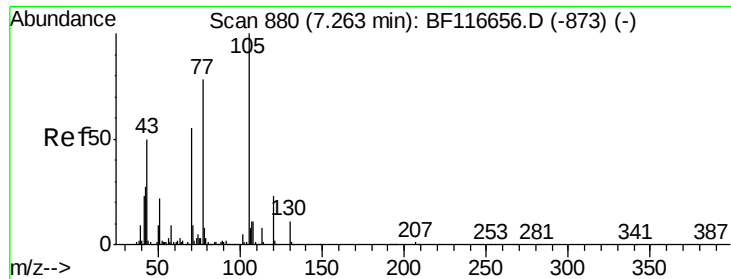
Tot Ion	Ratio	Lower	Upper
93	100		
63	688.6	49.9	89.9#
95	476.5	12.7	52.7#



#15
Benzyl Alcohol
Concen: 1.762 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.02 min
Lab File: BF116670.D
Acq: 31 Aug 2019 00:36

Tgt Ion	Ratio	Lower	Upper
79	100		
108	23.6	59.2	88.8#
77	100.9	53.0	79.4#

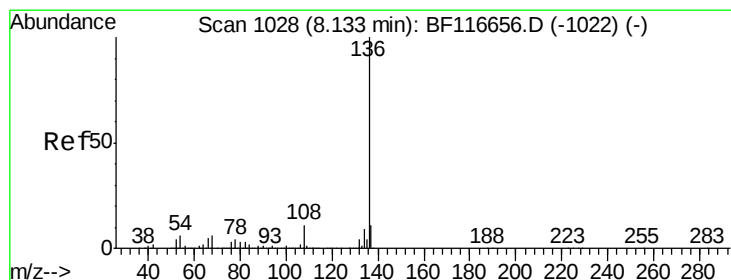
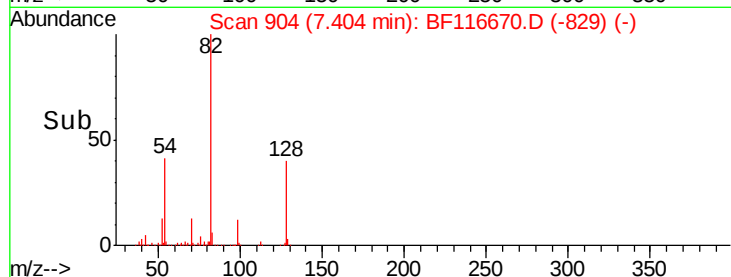
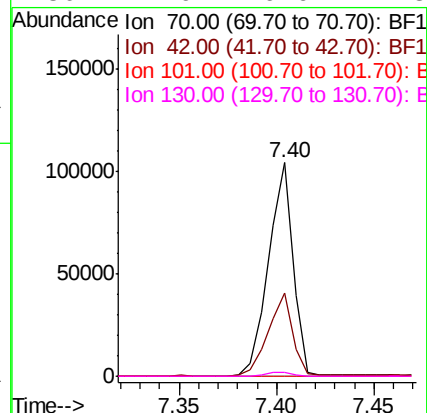
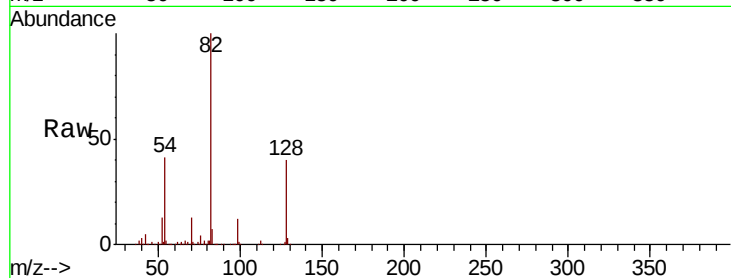




#19
n-Nitroso-di-n-propylamine
Concen: 18.141 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116670.D
Acq: 31 Aug 2019 00:36

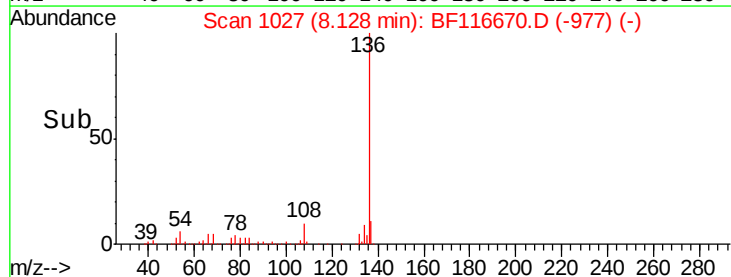
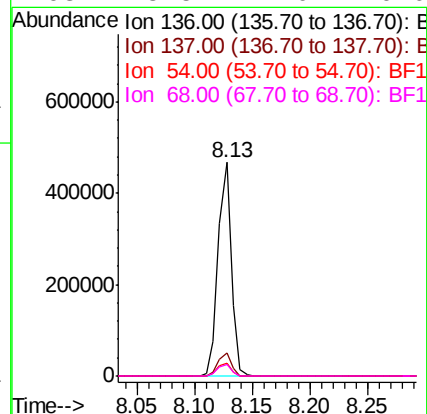
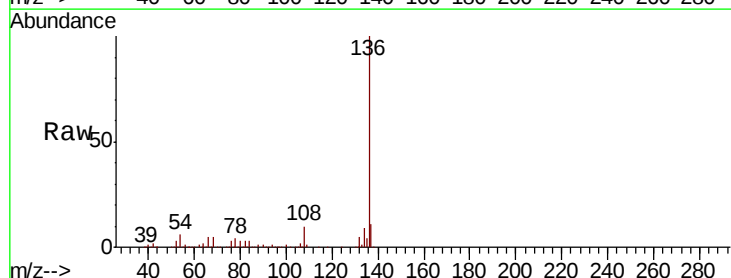
Instrument :
BNA_F
ClientSampleId :

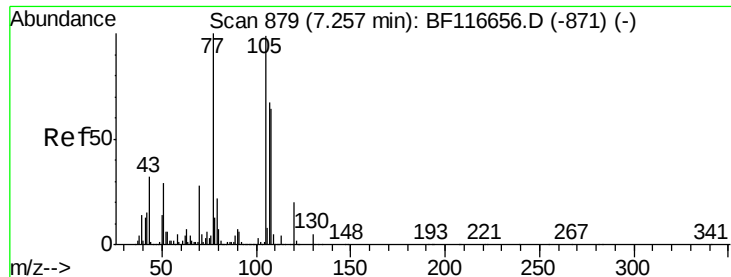
Tot Ion:	70	Resp:	91958
Ion	Ratio	Lower	Upper
70	100		
42	39.0	43.5	65.3#
101	0.0	7.8	11.6#
130	1.9	16.6	24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116670.D
Acq: 31 Aug 2019 00:36

Tgt Ion:	136	Resp:	373849
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	5.9	4.8	7.2
68	5.5	4.0	6.0

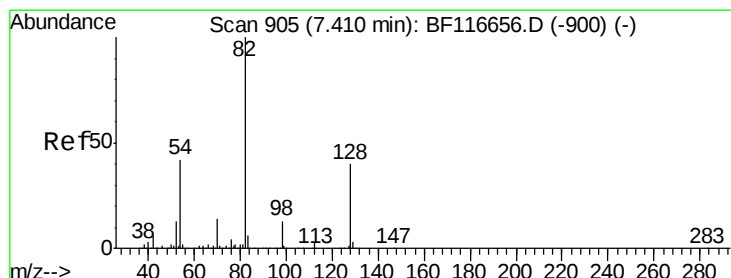
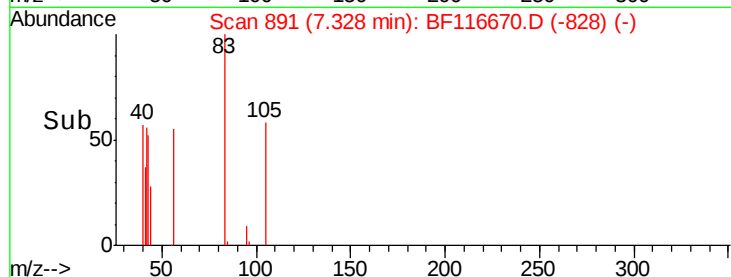
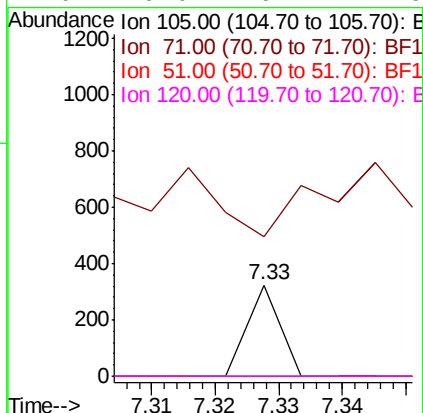
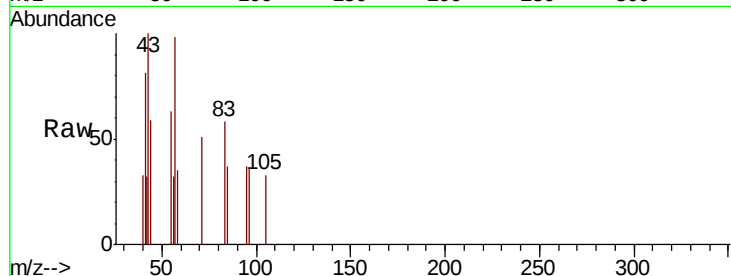




#22
Acetophenone
Concen: 0.013 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.07 min
Lab File: BF116670.D
Acq: 31 Aug 2019 00:36

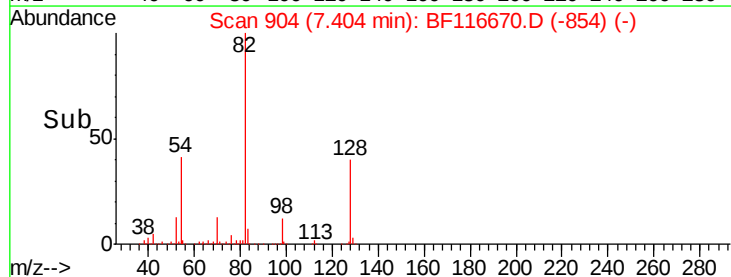
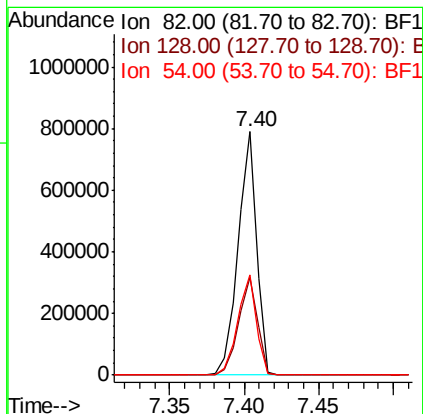
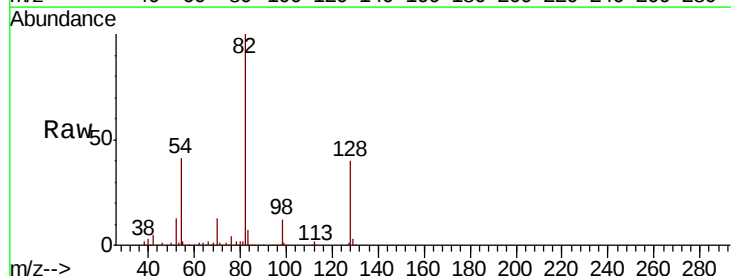
Instrument :
BNA_F
ClientSampleId :

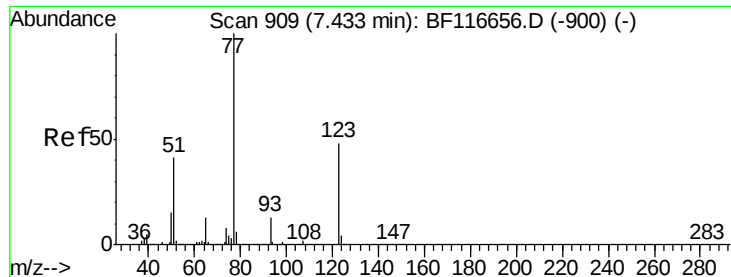
Tot Ion:105 Resp: 115
Ion Ratio Lower Upper
105 100
71 152.6 4.2 6.4#
51 0.0 25.8 38.8#
120 0.0 16.4 24.6#



#23
Nitrobenzene-d5
Concen: 105.411 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116670.D
Acq: 31 Aug 2019 00:36

Tgt Ion: 82 Resp: 690308
Ion Ratio Lower Upper
82 100
128 40.3 32.8 49.2
54 41.1 36.9 55.3





#24

Nitrobenzene

Concen: 0.331 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.03 min

Lab File: BF116670.D

Acq: 31 Aug 2019 00:36

Instrument :

BNA_F

ClientSampleId :

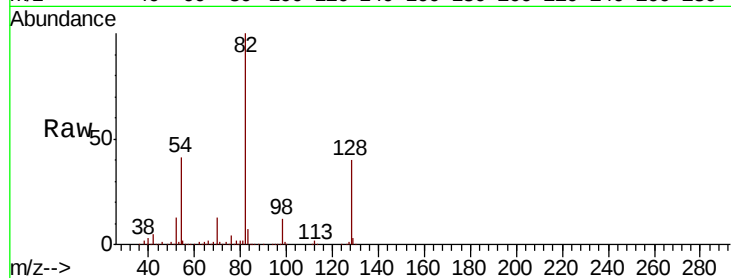
Tot Ion: 77 Resp: 2205

Ion Ratio Lower Upper

77 100

123 0.0 33.1 49.7#

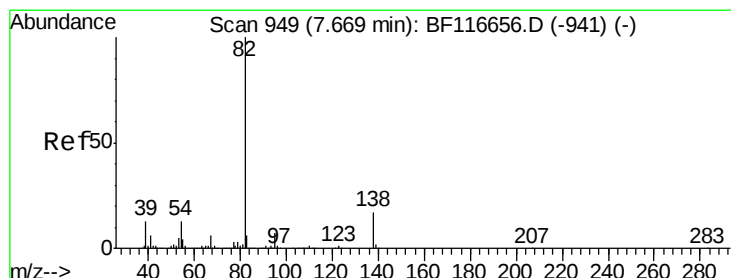
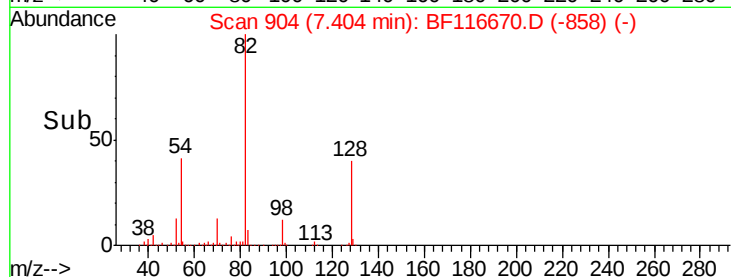
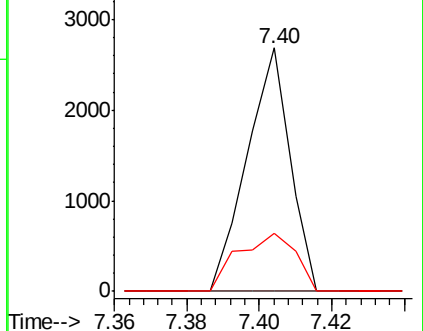
65 24.1 10.6 15.8#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#25

Isophorone

Concen: 51.870 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.26 min

Lab File: BF116670.D

Acq: 31 Aug 2019 00:36

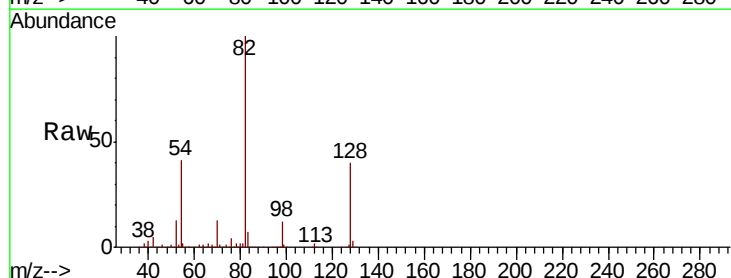
Tgt Ion: 82 Resp: 688310

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

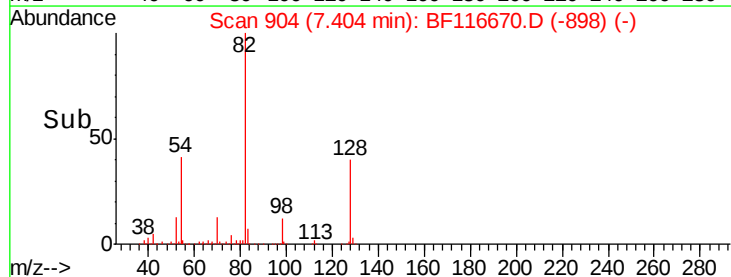
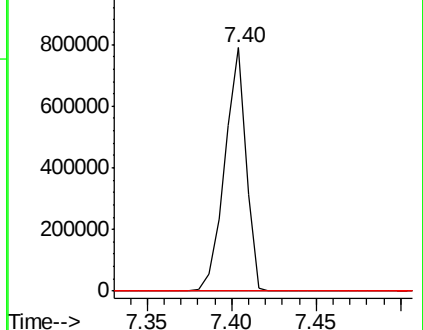
138 0.0 13.5 20.3#

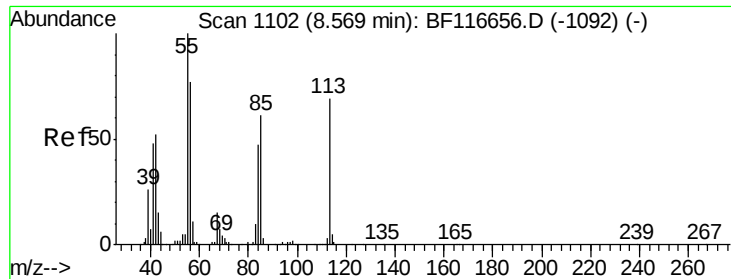


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#35

Caprolactam

Concen: 0.078 ng

RT: 8.50 min Scan# 1091

Delta R.T. -0.06 min

Lab File: BF116670.D

Acq: 31 Aug 2019 00:36

Instrument :

BNA_F

ClientSampleId :

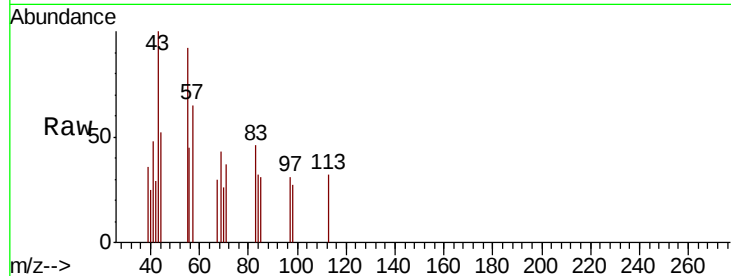
Tot Ion:113 Resp: 140

Ion Ratio Lower Upper

113 100

55 286.6 124.3 164.3#

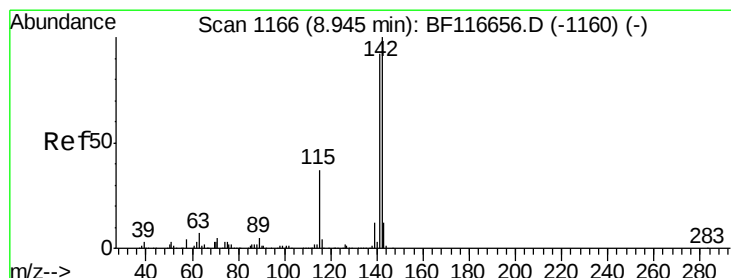
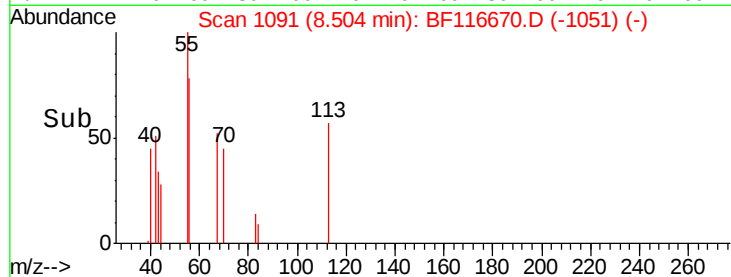
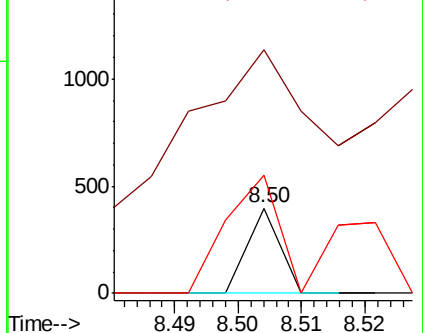
56 138.6 94.6 134.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#38

1-Methylnaphthalene

Concen: 0.034 ng

RT: 9.20 min Scan# 1210

Delta R.T. 0.26 min

Lab File: BF116670.D

Acq: 31 Aug 2019 00:36

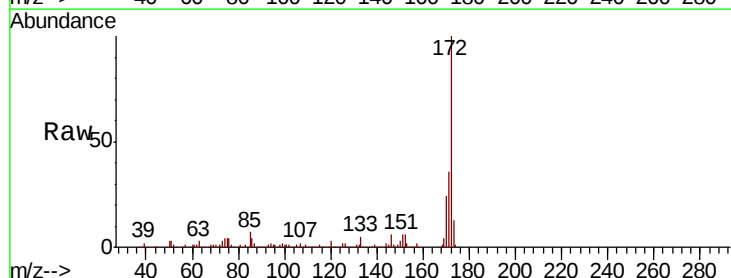
Tgt Ion:142 Resp: 384

Ion Ratio Lower Upper

142 100

141 99.5 73.9 110.9

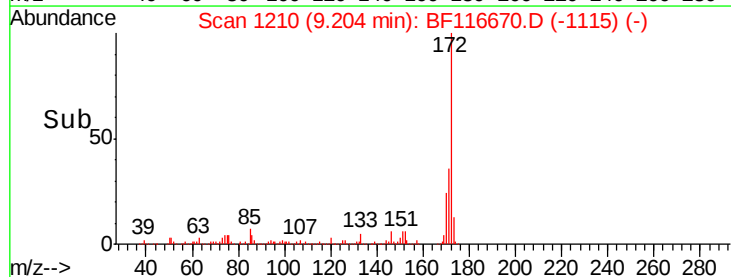
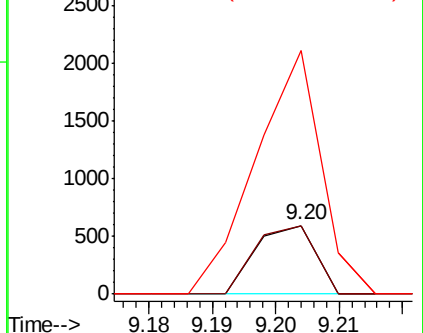
116 356.3 3.0 4.6#

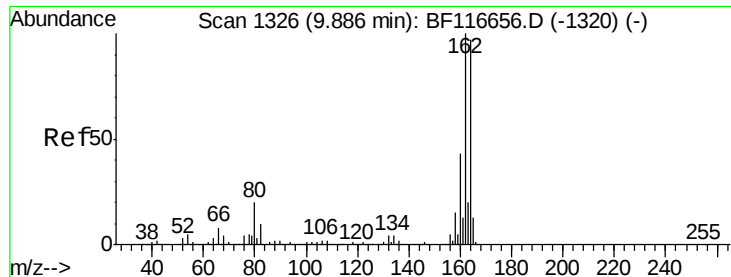


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

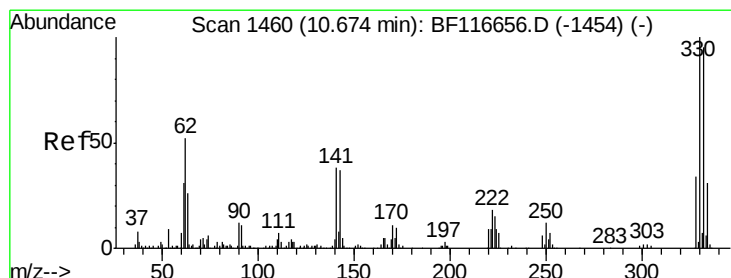
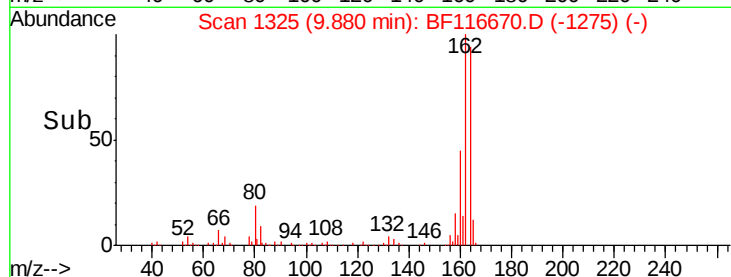
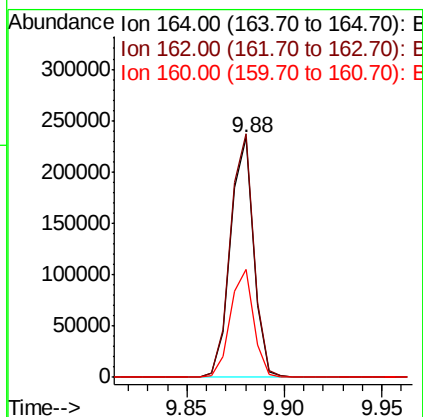
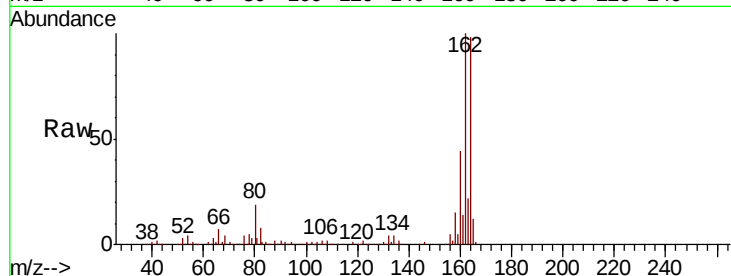




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116670.D
Acq: 31 Aug 2019 00:36

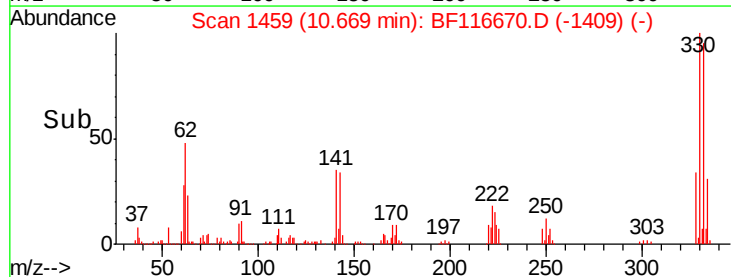
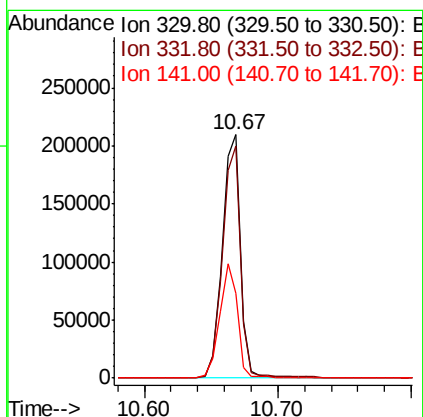
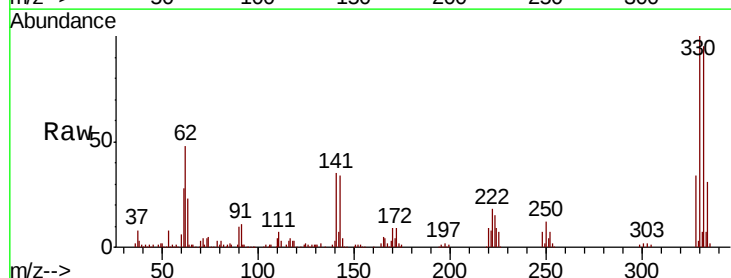
Instrument :
BNA_F
ClientSampleId :

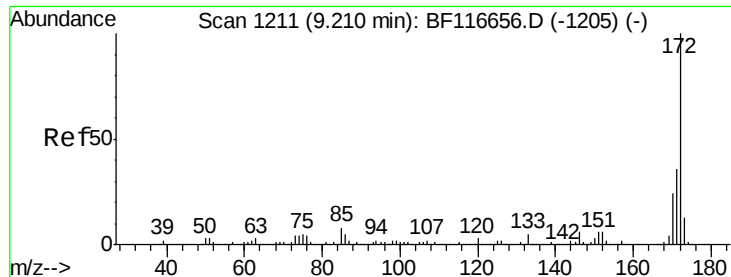
Tot Ion:164 Resp: 192072
Ion Ratio Lower Upper
164 100
162 101.6 81.4 122.0
160 45.0 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 158.704 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116670.D
Acq: 31 Aug 2019 00:36

Tgt Ion:330 Resp: 203783
Ion Ratio Lower Upper
330 100
332 95.3 76.9 115.3
141 45.8 31.4 47.2



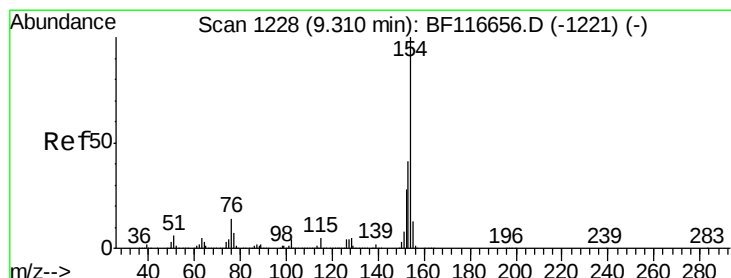
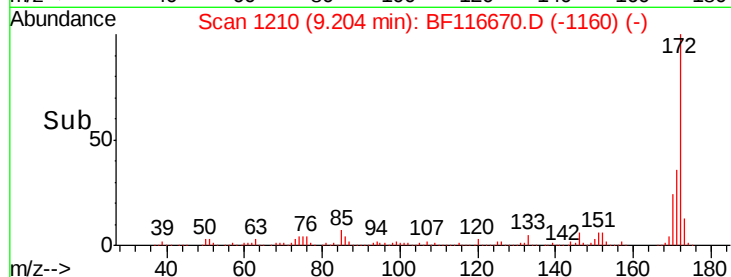
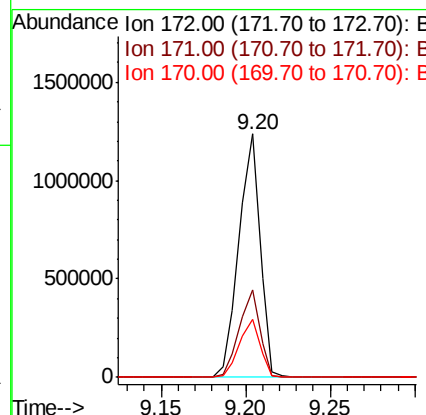
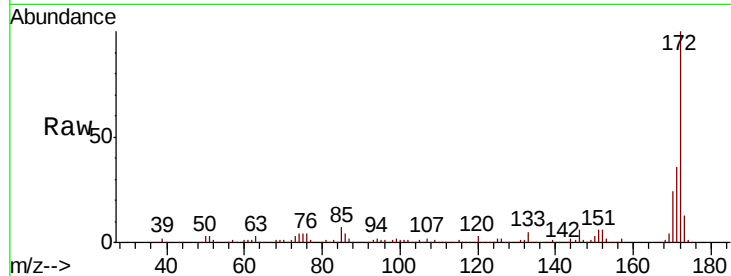


#45
 2-Fluorobiphenyl
 Concen: 94.980 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF116670.D
 Acq: 31 Aug 2019 00:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1081455

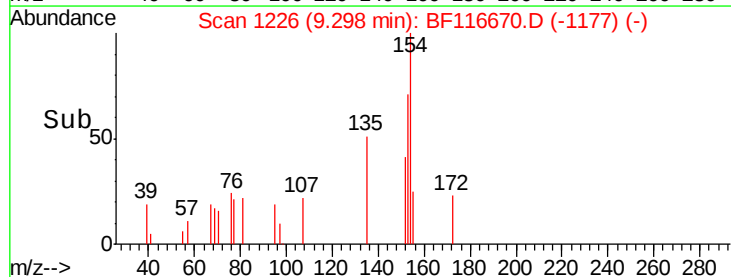
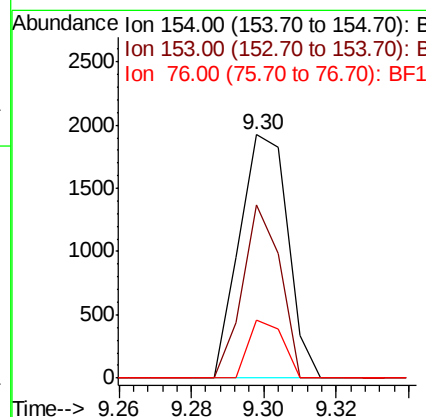
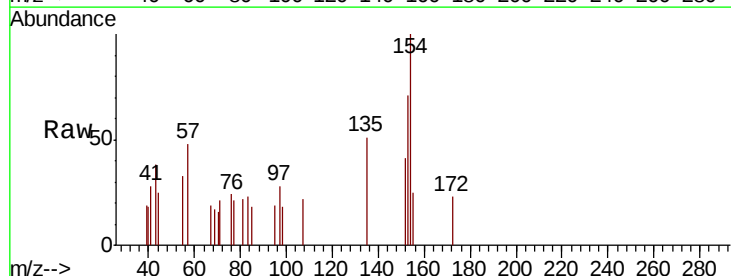
Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.8	41.6
170	24.1	18.9	28.3

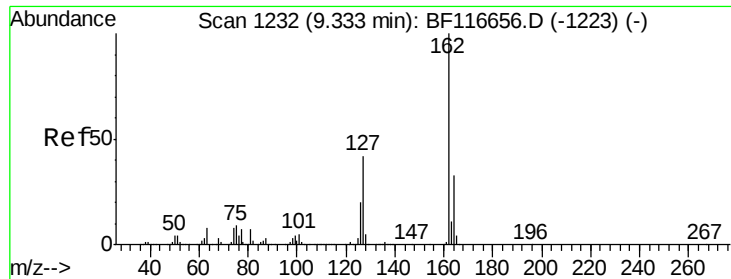


#46
 1,1'-Biphenyl
 Concen: 0.122 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF116670.D
 Acq: 31 Aug 2019 00:36

Tgt Ion:154 Resp: 1777

Ion	Ratio	Lower	Upper
154	100		
153	70.9	21.2	61.2#
76	24.1	0.0	30.9

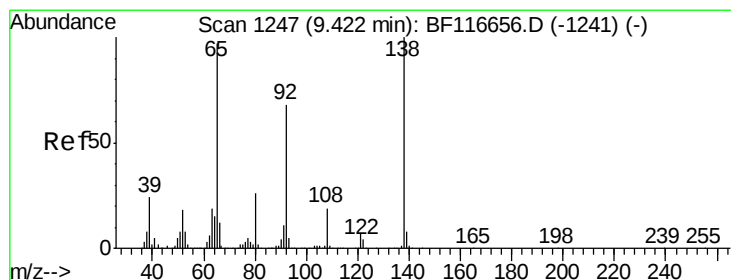
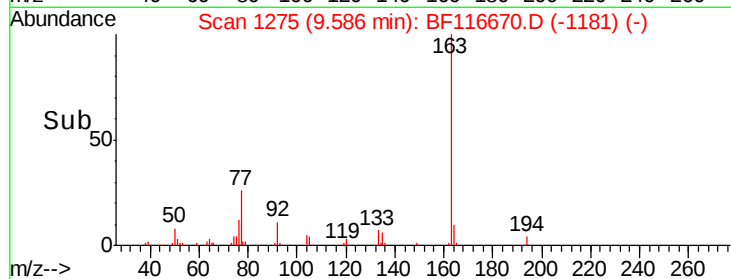
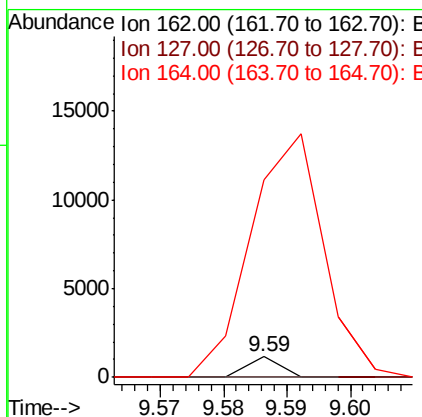
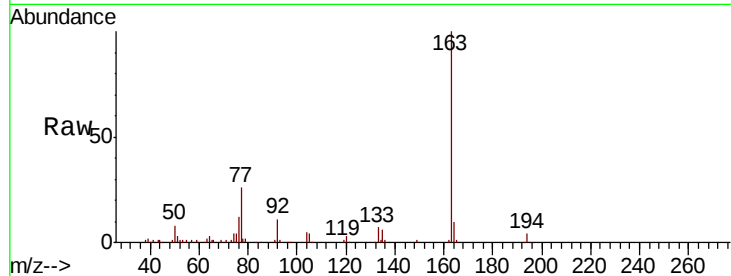




#47
 2-Chloronaphthalene
 Concen: 0.035 ng
 RT: 9.59 min Scan# 1275
 Delta R.T. 0.25 min
 Lab File: BF116670.D
 Acq: 31 Aug 2019 00:36

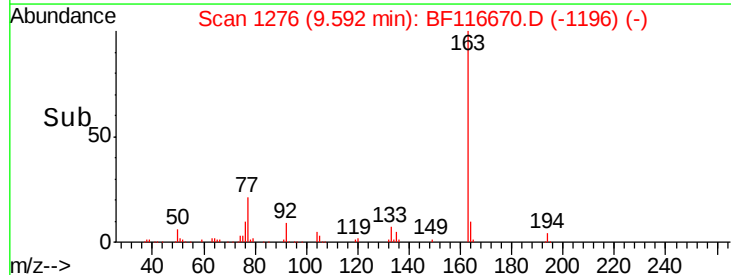
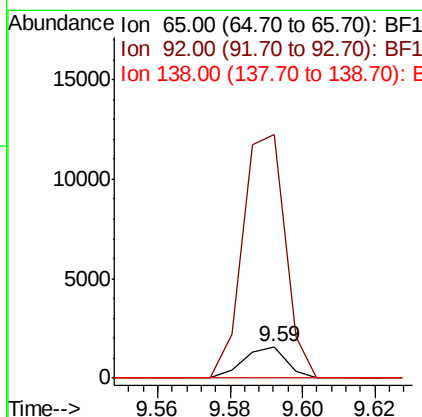
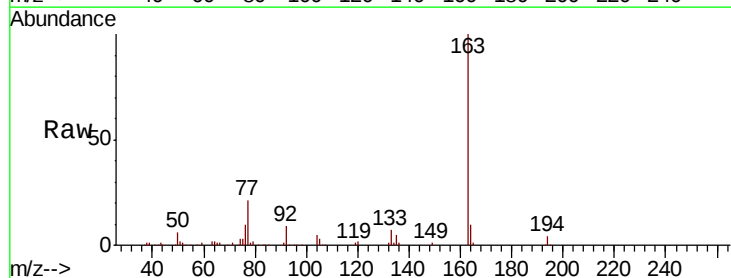
Instrument :
 BNA_F
 ClientSampleId :

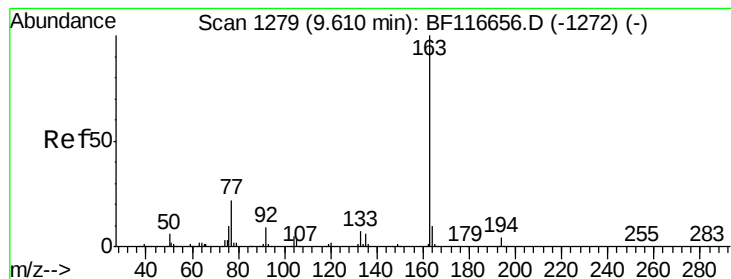
Tot Ion:	162	Resp:	404
Ion	Ratio	Lower	Upper
162	100		
127	0.0	33.4	50.2#
164	971.5	26.6	39.8#



#48
 2-Nitroaniline
 Concen: 0.378 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. 0.17 min
 Lab File: BF116670.D
 Acq: 31 Aug 2019 00:36

Tgt Ion:	65	Resp:	1261
Ion	Ratio	Lower	Upper
65	100		
92	779.2	57.1	85.7#
138	0.0	88.2	132.2#





#50

Dimethylphthalate

Concen: 8.311 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF116670.D

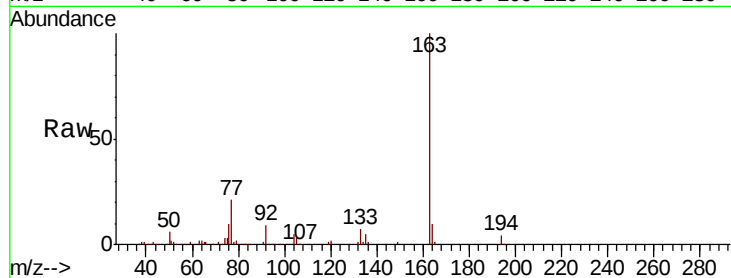
Acq: 31 Aug 2019 00:36

Instrument :

BNA_F

ClientSampleId :

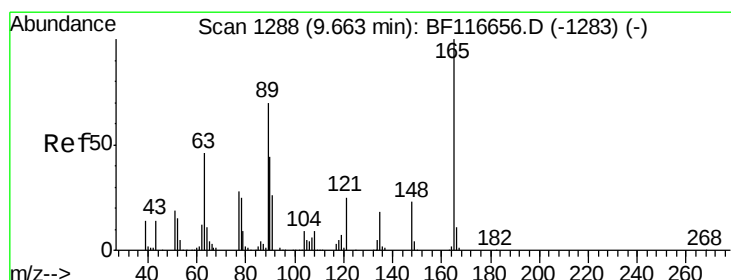
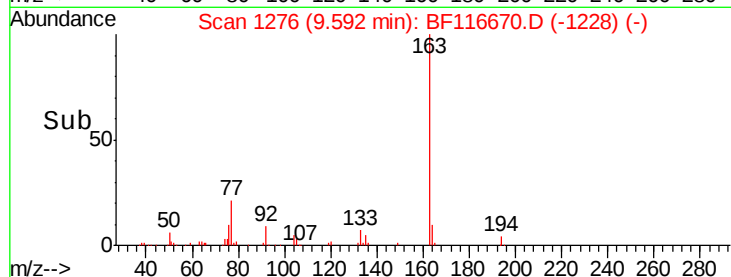
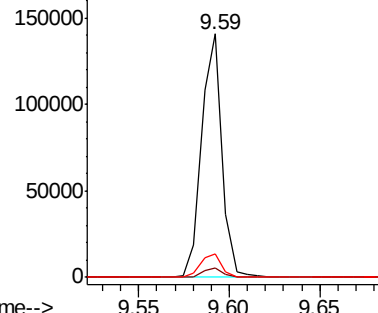
Tot Ion:163	Resp:	110212
Ion Ratio	Lower	Upper
163	100	
194	3.6	2.8 4.2
164	9.7	8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 0.408 ng

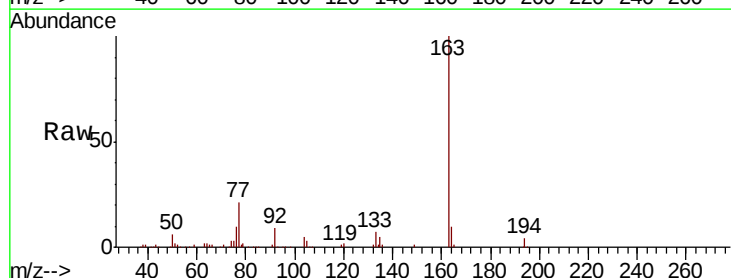
RT: 9.59 min Scan# 1276

Delta R.T. -0.07 min

Lab File: BF116670.D

Acq: 31 Aug 2019 00:36

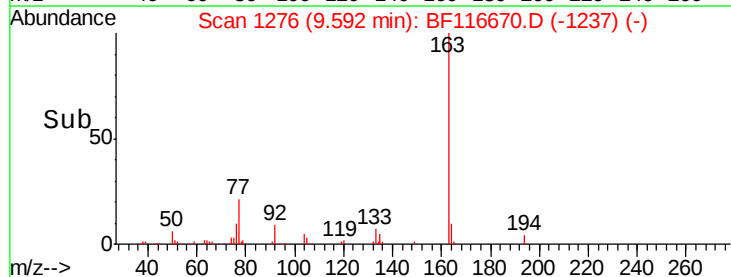
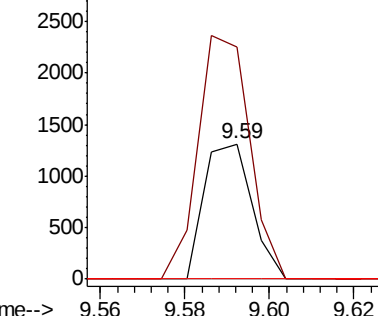
Tgt Ion:165	Resp:	1031
Ion Ratio	Lower	Upper
165	100	
63	171.6	47.3 70.9#
89	0.0	52.5 78.7#

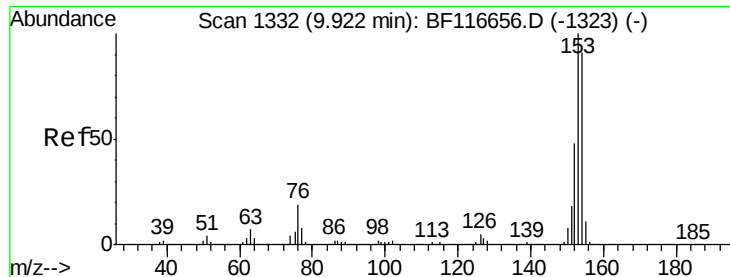


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 0.047 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.04 min

Lab File: BF116670.D

Acq: 31 Aug 2019 00:36

Instrument :

BNA_F

ClientSampled :

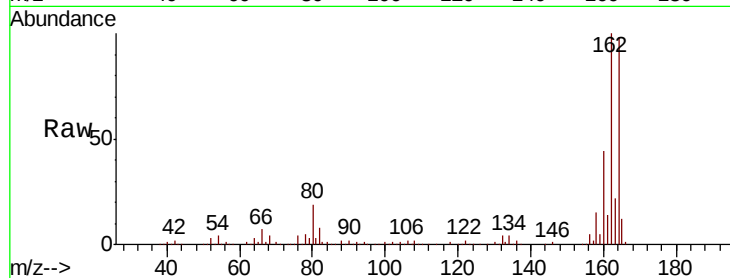
Tot Ion:154 Resp: 507

Ion Ratio Lower Upper

154 100

153 0.0 89.5 134.3#

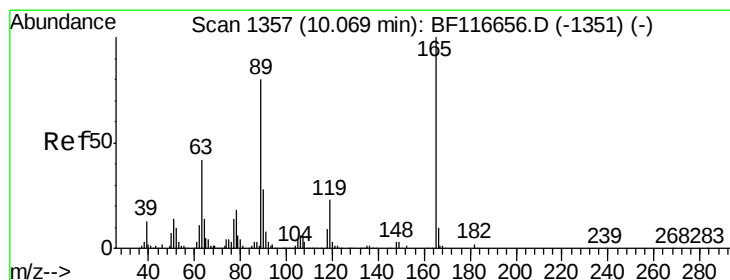
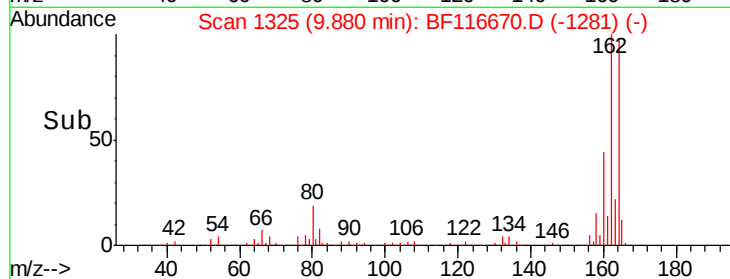
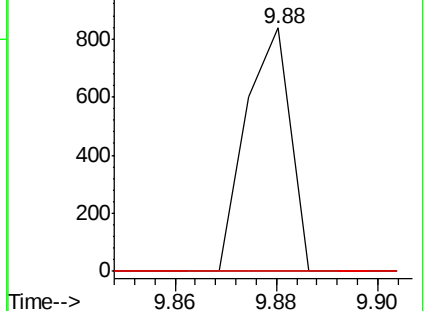
152 0.0 41.9 62.9#



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



#57

2,4-Dinitrotoluene

Concen: 7.883 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.19 min

Lab File: BF116670.D

Acq: 31 Aug 2019 00:36

Tgt Ion:165 Resp: 24386

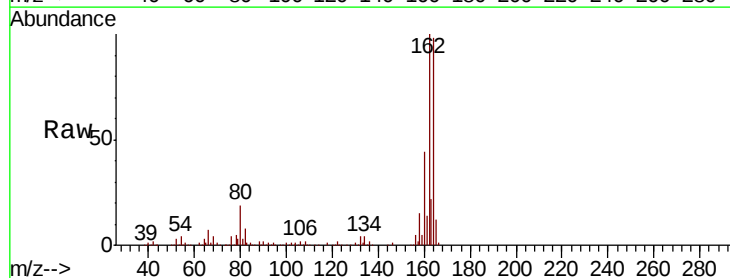
Ion Ratio Lower Upper

165 100

63 2.1 36.4 54.6#

89 1.6 62.6 94.0#

182 0.0 2.1 3.1#

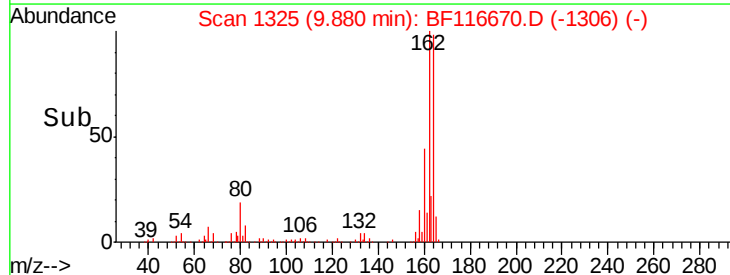
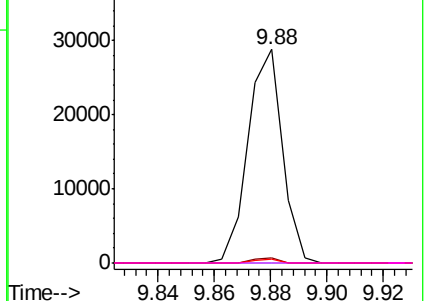


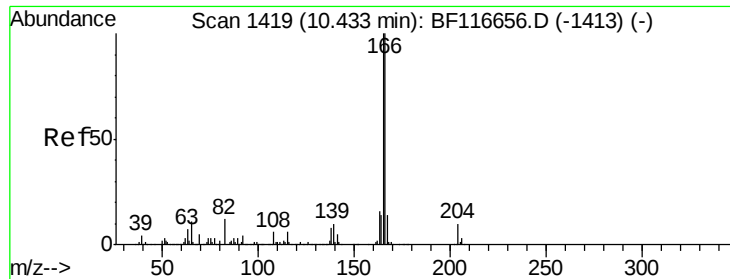
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 0.977 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.23 min

Lab File: BF116670.D

Acq: 31 Aug 2019 00:36

Instrument :

BNA_F

ClientSampleId :

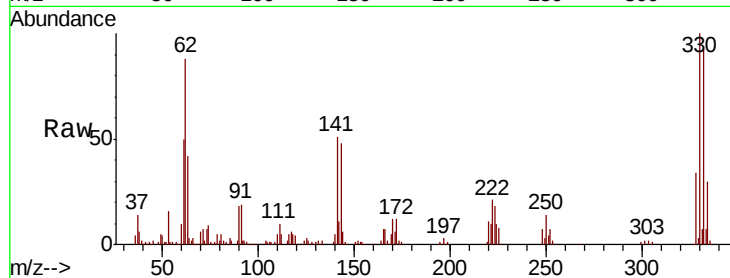
Tot Ion:166 Resp: 11248

Ion Ratio Lower Upper

166 100

165 100.8 78.8 118.2

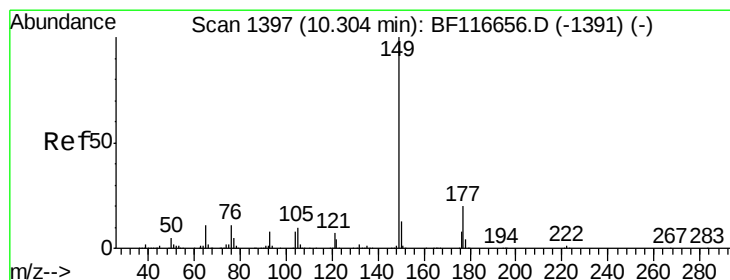
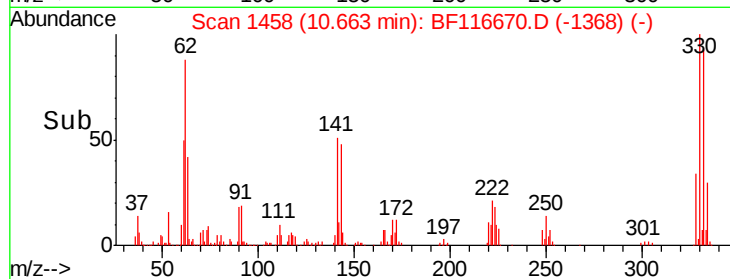
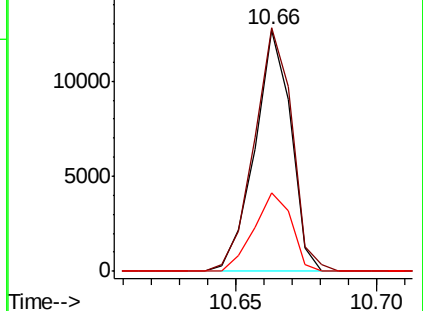
167 32.6 10.0 15.0#



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



#60

Diethylphthalate

Concen: 0.054 ng

RT: 10.29 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BF116670.D

Acq: 31 Aug 2019 00:36

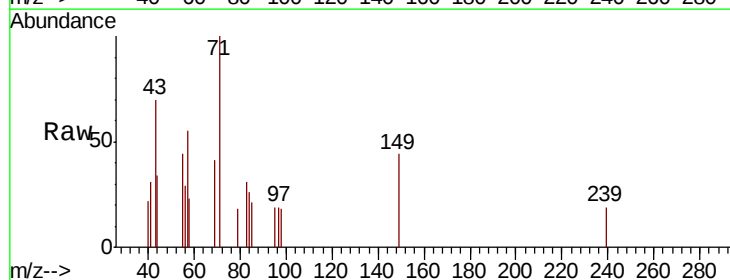
Tgt Ion:149 Resp: 721

Ion Ratio Lower Upper

149 100

177 0.0 17.2 25.8#

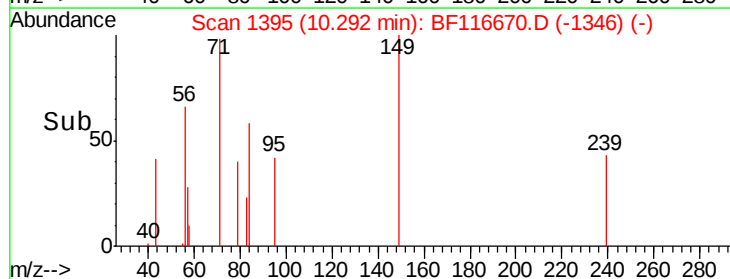
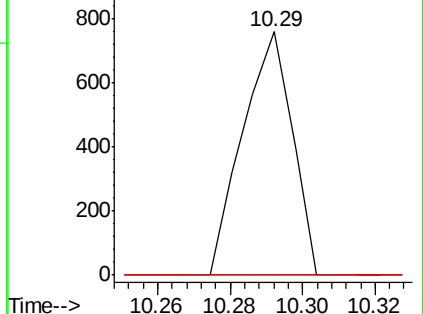
150 0.0 9.7 14.5#

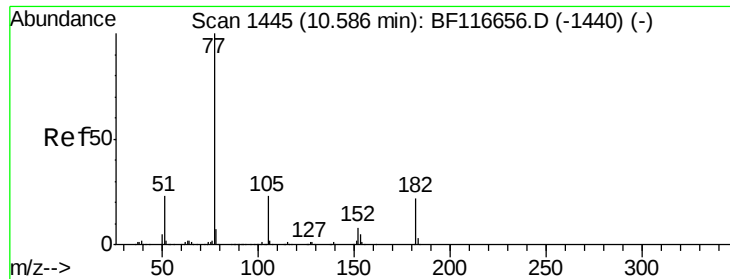


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Azobenzene

Concen: 0.135 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.08 min

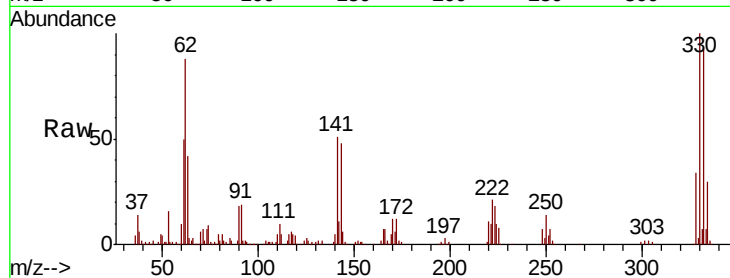
Lab File: BF116670.D

Acq: 31 Aug 2019 00:36

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 77 Resp: 1875

Ion Ratio Lower Upper

77 100

182 0.0 1.2 41.2#

105 91.2 0.6 40.6#

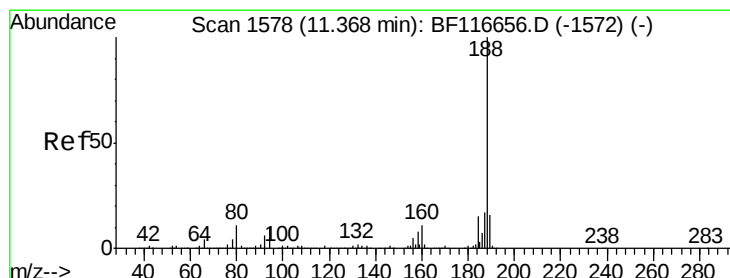
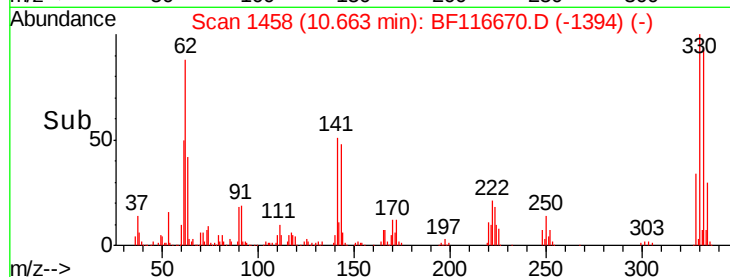
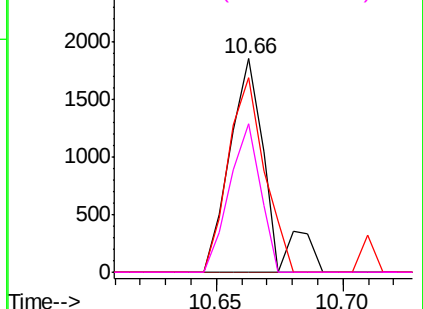
51 69.2 8.2 48.2#

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# 1576

Delta R.T. -0.01 min

Lab File: BF116670.D

Acq: 31 Aug 2019 00:36

Tgt Ion: 188 Resp: 326242

Ion Ratio Lower Upper

188 100

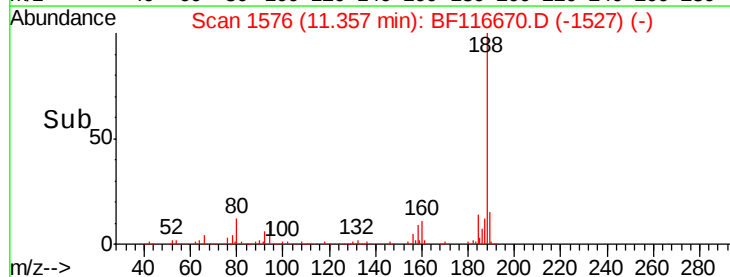
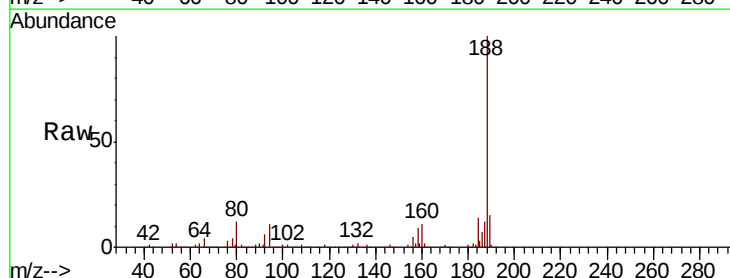
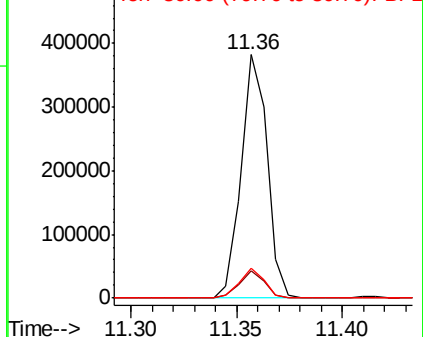
94 11.2 7.3 10.9#

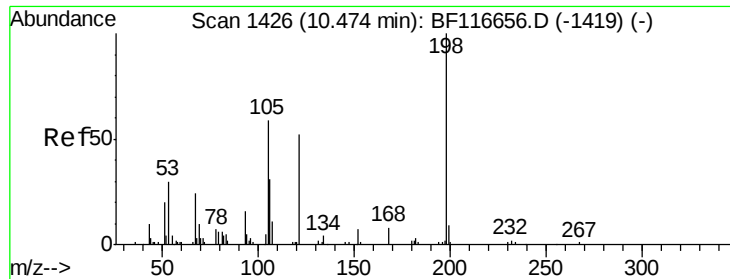
80 12.1 8.4 12.6

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

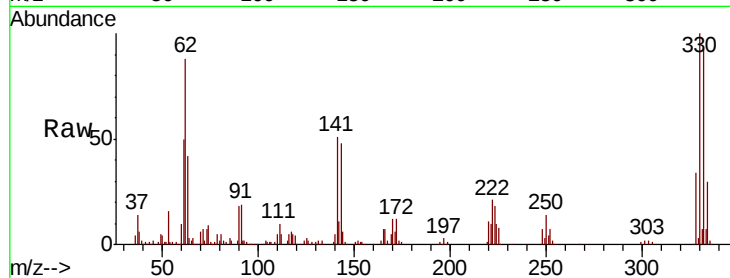




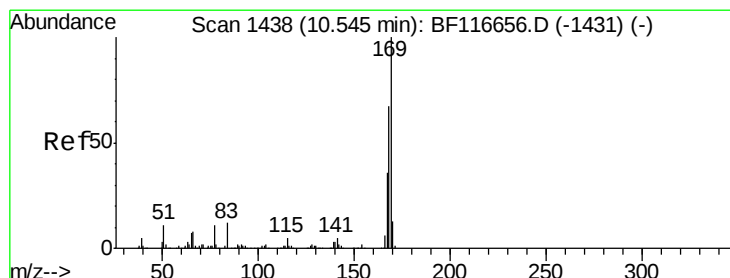
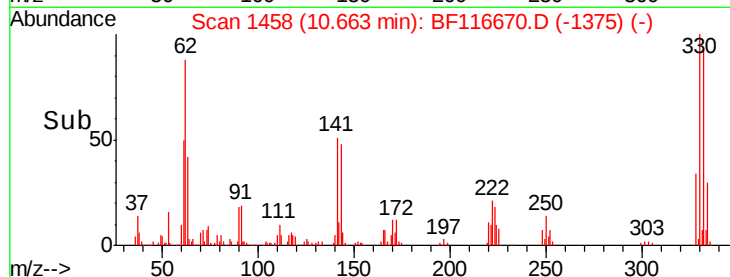
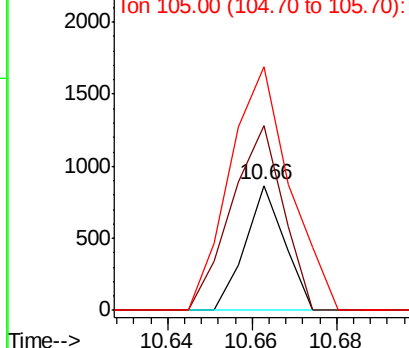
#65
4,6-Dinitro-2-methylphenol
Concen: 7.846 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.19 min
Lab File: BF116670.D
Acq: 31 Aug 2019 00:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 562
Ion Ratio Lower Upper
198 100
51 148.3 18.4 58.4#
105 195.4 22.9 62.9#

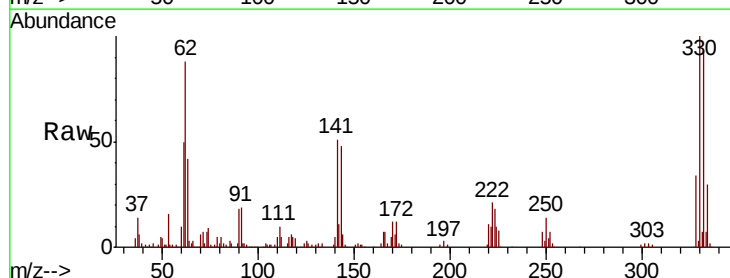


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

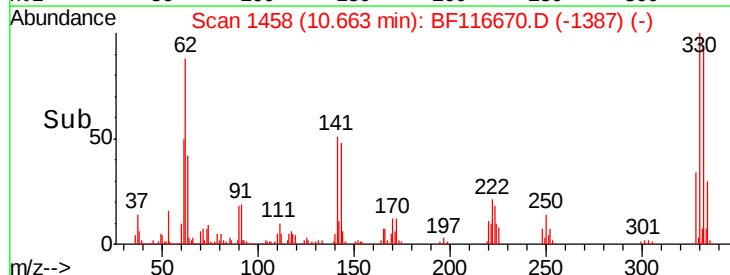
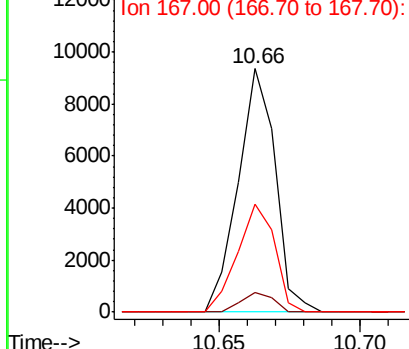


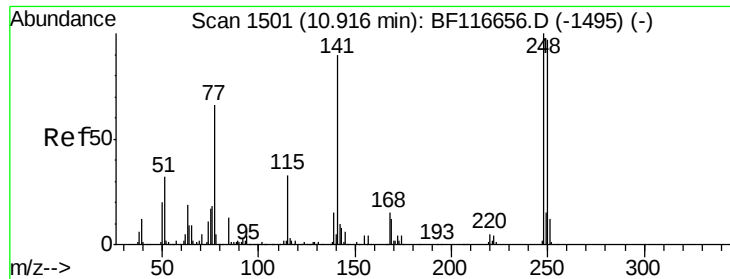
#66
n-Nitrosodiphenylamine
Concen: 0.756 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.12 min
Lab File: BF116670.D
Acq: 31 Aug 2019 00:36

Tgt Ion:169 Resp: 8535
Ion Ratio Lower Upper
169 100
168 7.9 55.8 83.6#
167 44.3 29.4 44.2#



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

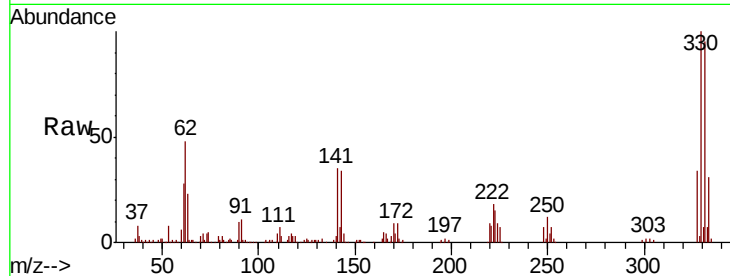




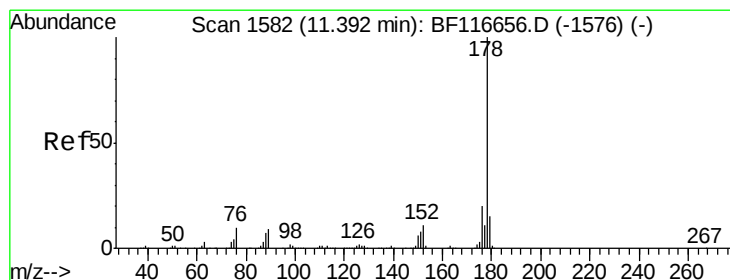
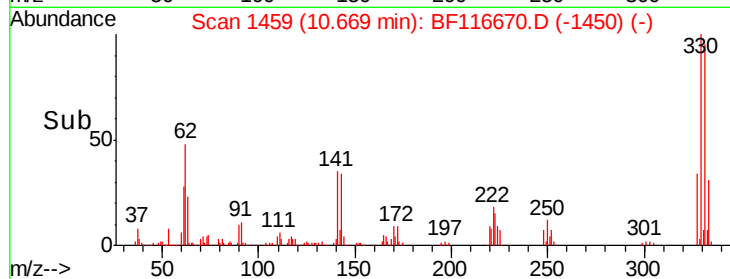
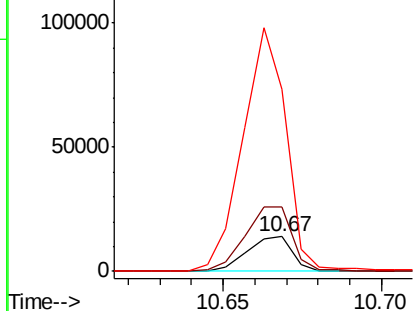
#67
 4-Bromophenyl-phenylether
 Concen: 4.111 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.25 min
 Lab File: BF116670.D
 Acq: 31 Aug 2019 00:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 13626
 Ion Ratio Lower Upper
 248 100
 250 186.0 77.8 116.8#
 141 525.3 75.9 113.9#

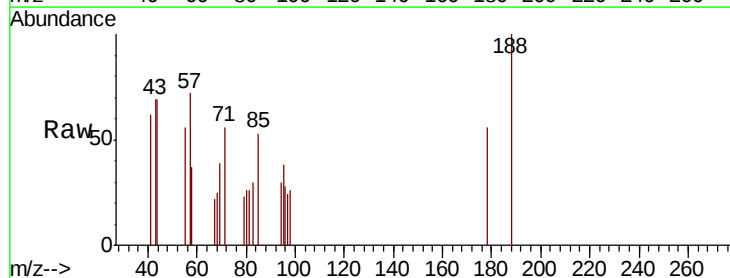


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

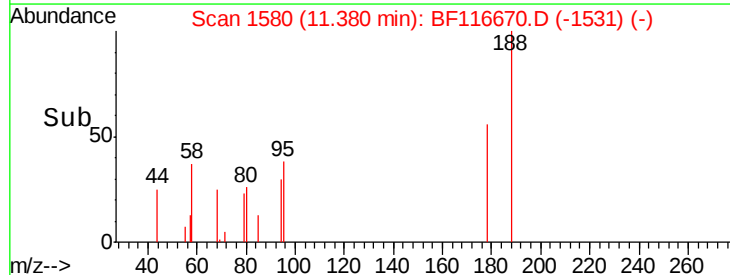
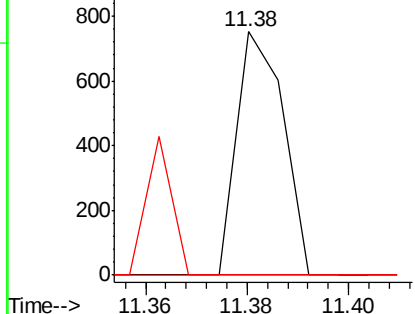


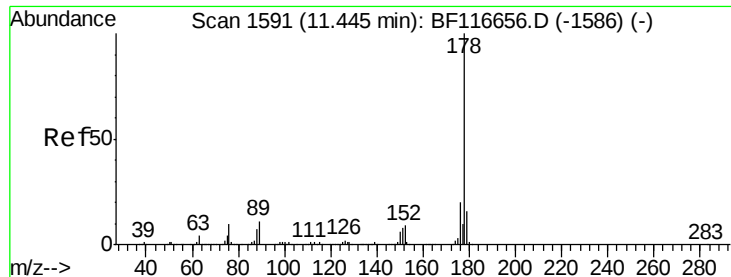
#71
 Phenanthrene
 Concen: 0.026 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF116670.D
 Acq: 31 Aug 2019 00:36

Tgt Ion:178 Resp: 479
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.4 23.0#
 179 0.0 12.2 18.2#



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: 0.026 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.06 min

Lab File: BF116670.D

Acq: 31 Aug 2019 00:36

Instrument :

BNA_F

ClientSampleId :

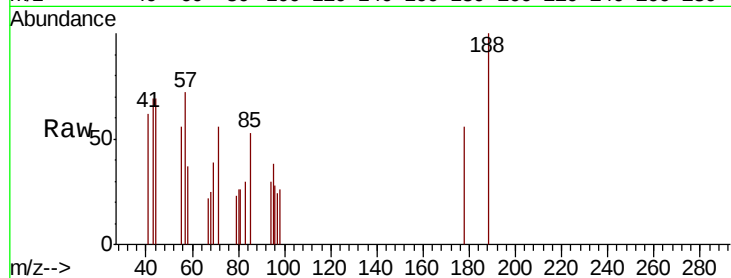
Tot Ion:178 Resp: 479

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.0#

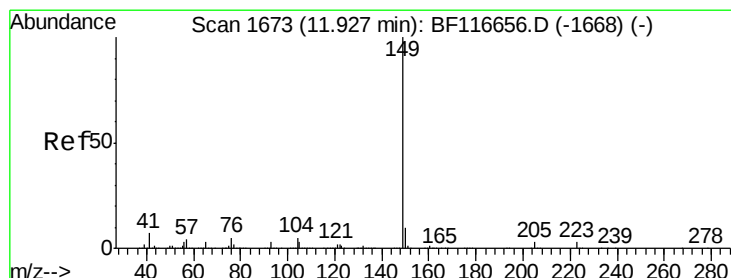
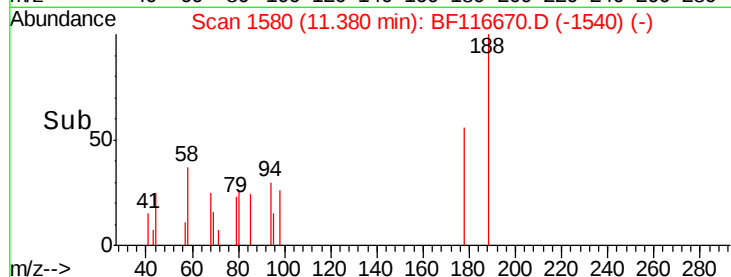
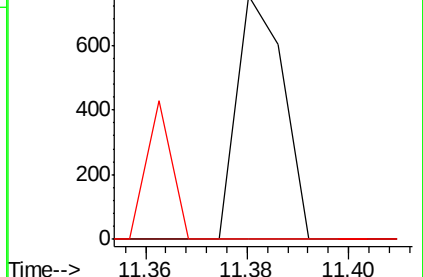
179 0.0 12.5 18.7#



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: 0.082 ng

RT: 11.92 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BF116670.D

Acq: 31 Aug 2019 00:36

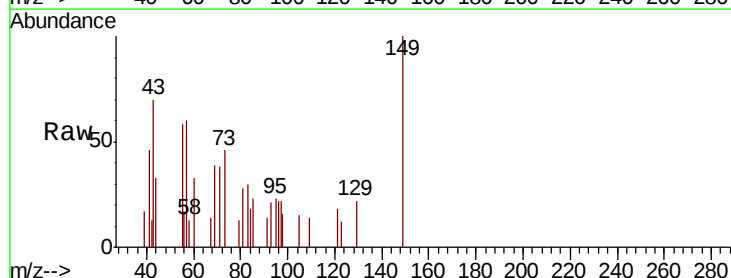
Tgt Ion:149 Resp: 1835

Ion Ratio Lower Upper

149 100

150 0.0 7.2 10.8#

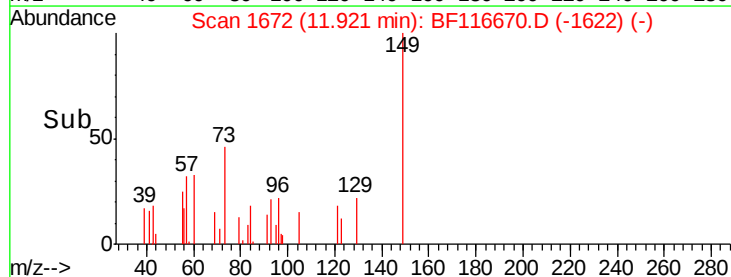
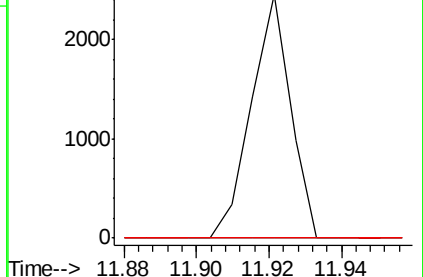
104 0.0 4.2 6.2#

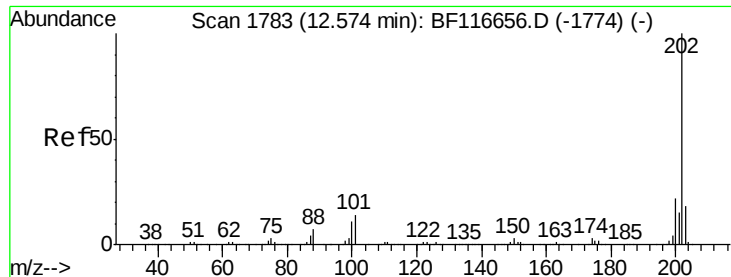


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

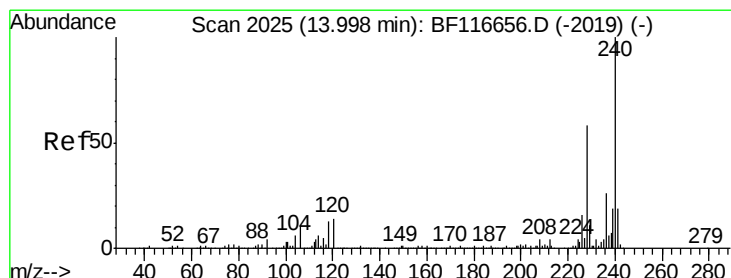
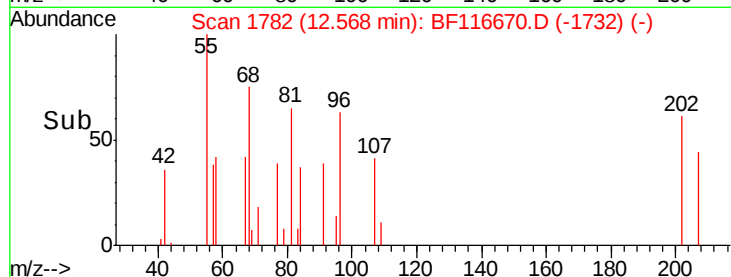
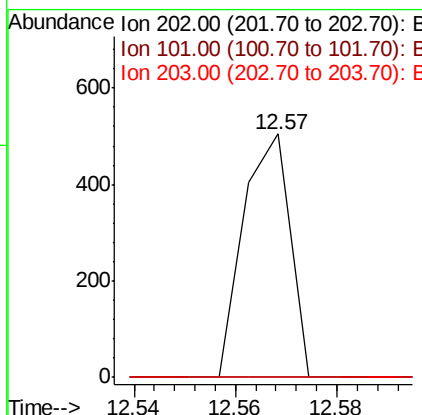
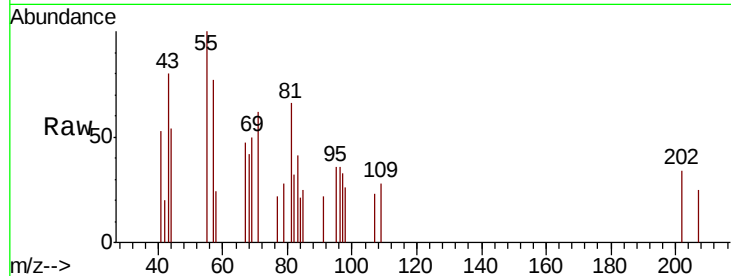




#75
 Fluoranthene
 Concen: 0.018 ng
 RT: 12.57 min Scan# 1782
 Delta R.T. -0.01 min
 Lab File: BF116670.D
 Acq: 31 Aug 2019 00:36

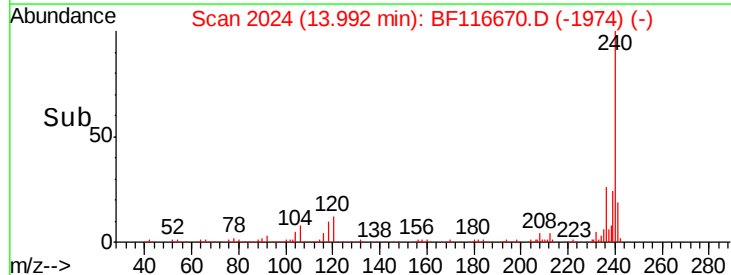
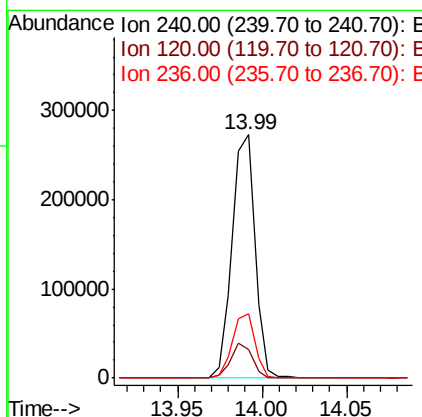
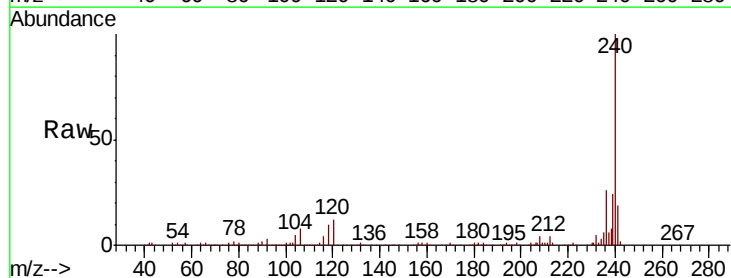
Instrument :
 BNA_F
 ClientSampled :

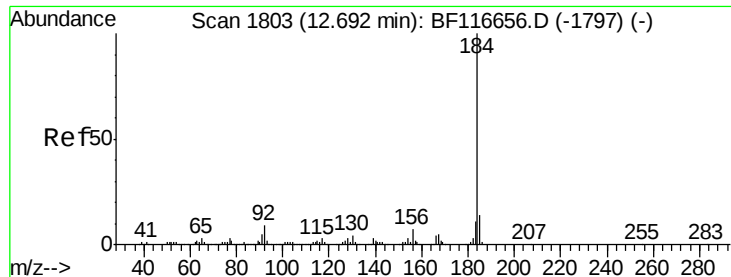
Tot Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	31.3
203	0.0	0.0	37.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF116670.D
 Acq: 31 Aug 2019 00:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.1	13.7
236	26.4	21.1	31.7





#77

Benzidine

Concen: 1.447 ng

RT: 12.94 min Scan# 1846

Delta R.T. 0.25 min

Lab File: BF116670.D

Acq: 31 Aug 2019 00:36

Instrument :

BNA_F

ClientSampleId :

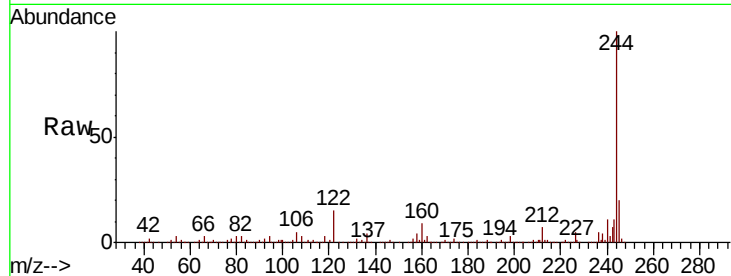
Tot Ion:184 Resp: 14581

Ion Ratio Lower Upper

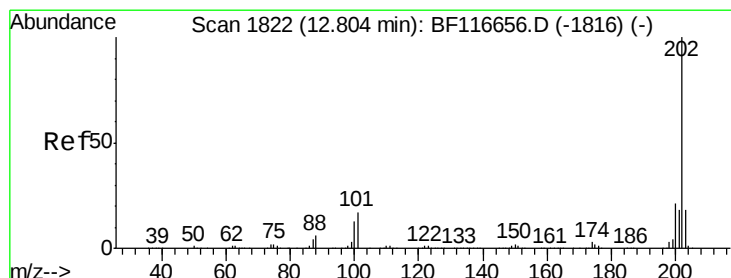
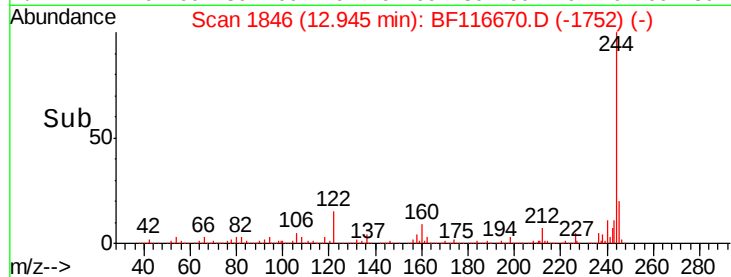
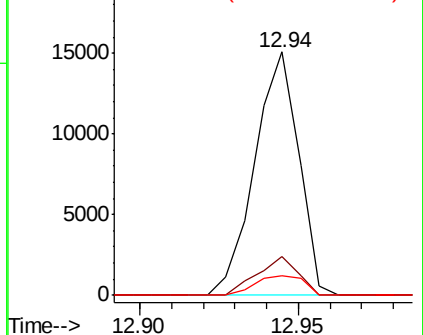
184 100

185 15.8 11.3 16.9

183 7.9 9.2 13.8#



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

Pyrene

Concen: 0.021 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF116670.D

Acq: 31 Aug 2019 00:36

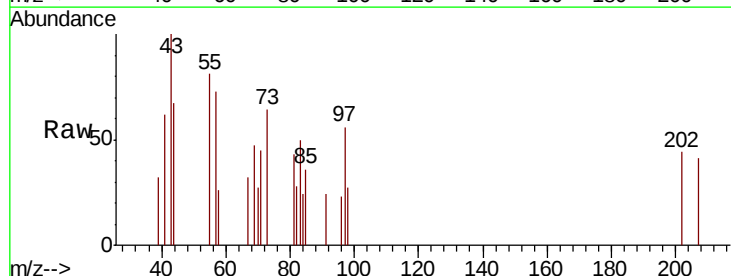
Tgt Ion:202 Resp: 478

Ion Ratio Lower Upper

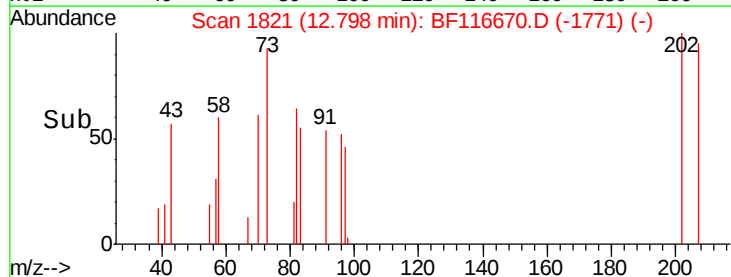
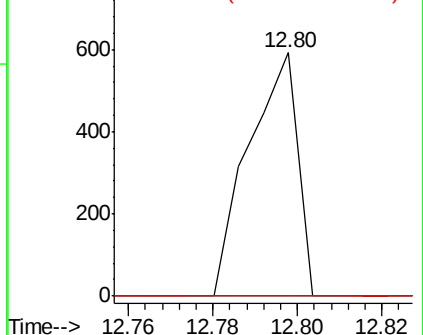
202 100

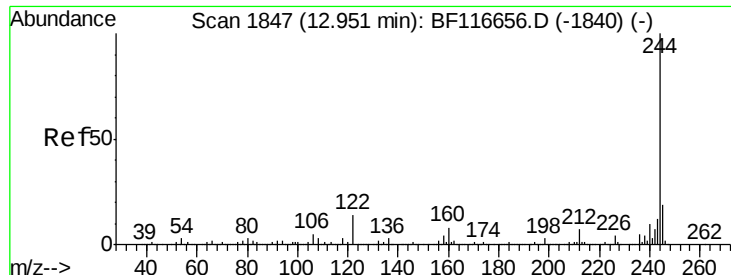
200 0.0 16.5 24.7#

203 0.0 13.7 20.5#



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

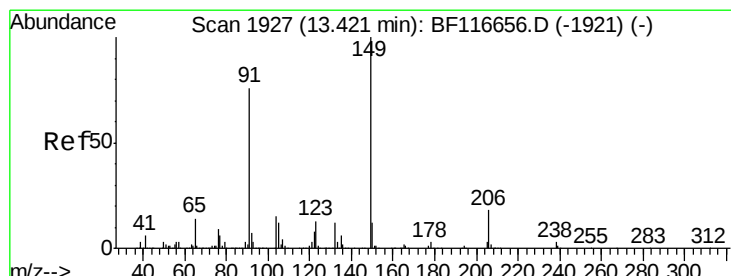
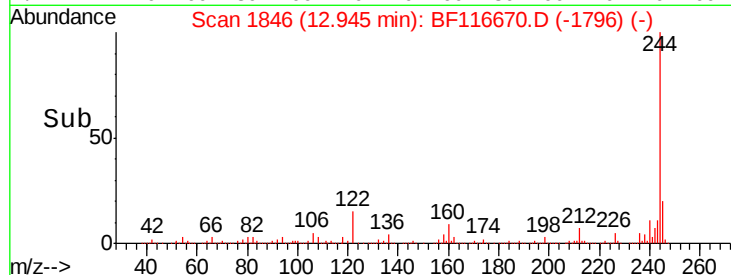
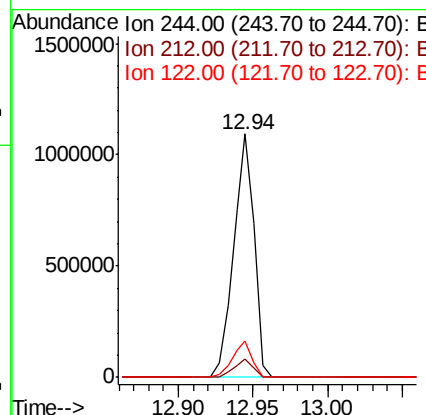
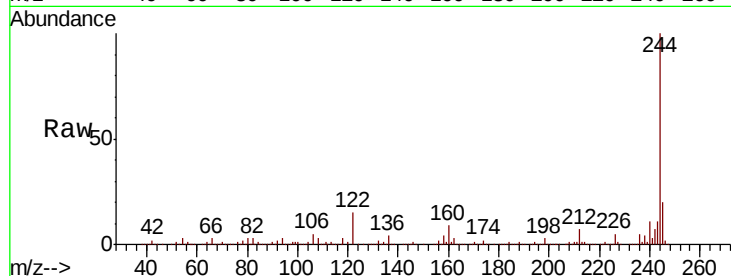




#79
 Terphenyl-d14
 Concen: 76.129 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116670.D
 Acq: 31 Aug 2019 00:36

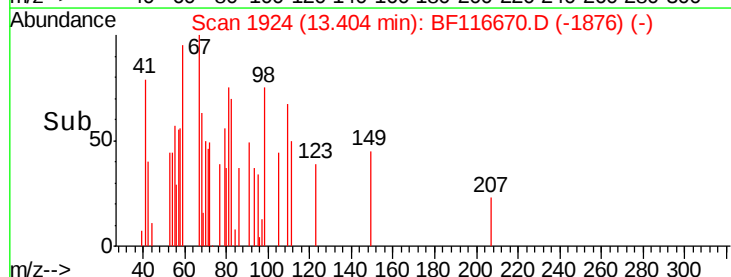
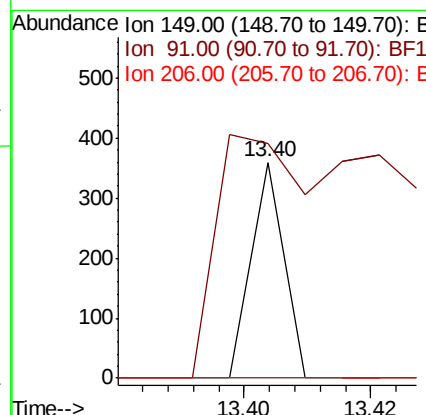
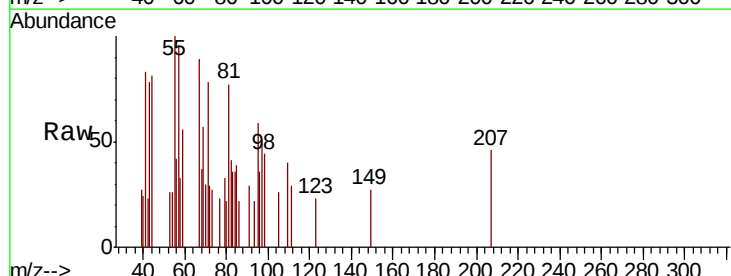
Instrument :
 BNA_F
 ClientSampled :

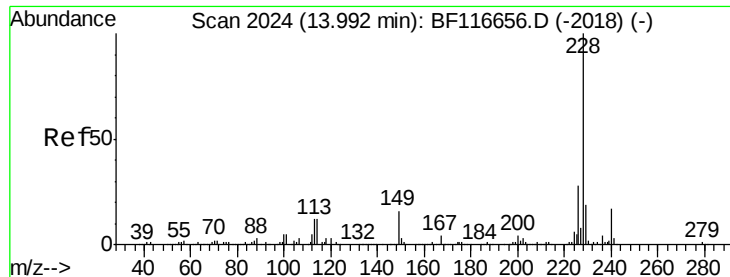
Tot Ion:244 Resp: 1057331
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 15.1 10.2 15.4



#80
 Butylbenzylphthalate
 Concen: 0.011 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. -0.02 min
 Lab File: BF116670.D
 Acq: 31 Aug 2019 00:36

Tgt Ion:149 Resp: 127
 Ion Ratio Lower Upper
 149 100
 91 108.6 61.0 91.4#
 206 0.0 14.8 22.2#





#81

Benzo(a)anthracene

Concen: 0.049 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF116670.D

Acq: 31 Aug 2019 00:36

Instrument :

BNA_F

ClientSampleId :

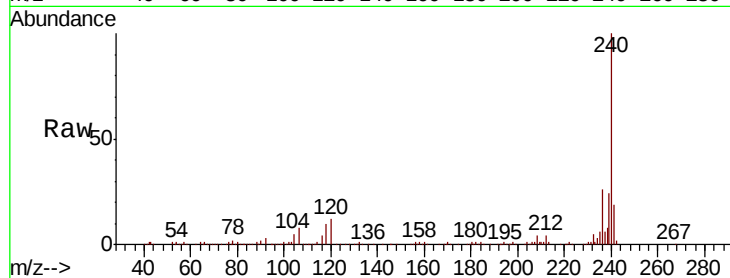
Tot Ion:228 Resp: 802

Ion Ratio Lower Upper

228 100

226 0.0 22.0 33.0#

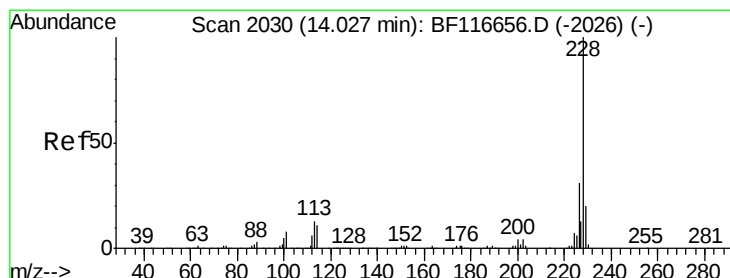
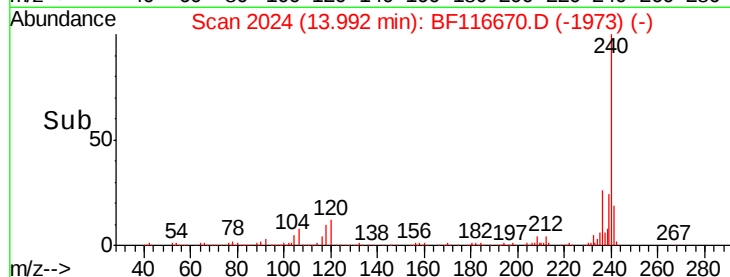
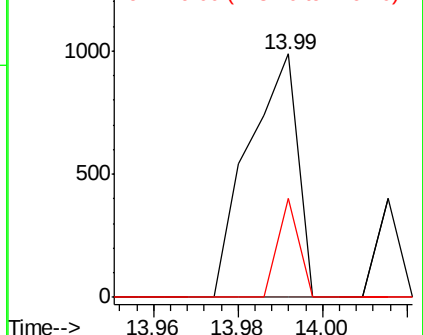
229 40.7 16.4 24.6#



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



#83

Chrysene

Concen: 0.008 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF116670.D

Acq: 31 Aug 2019 00:36

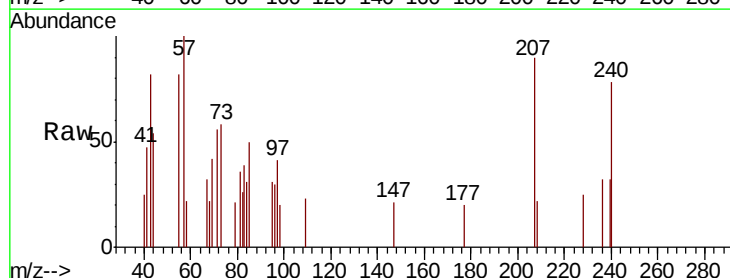
Tgt Ion:228 Resp: 141

Ion Ratio Lower Upper

228 100

226 0.0 24.0 36.0#

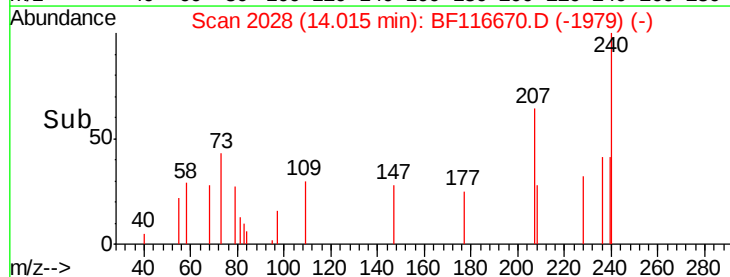
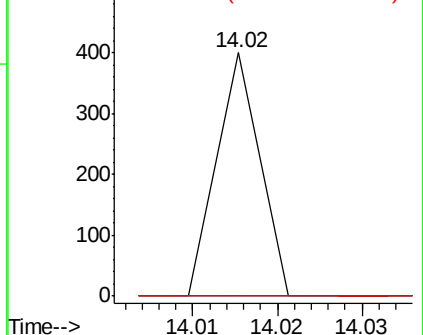
229 0.0 15.4 23.0#

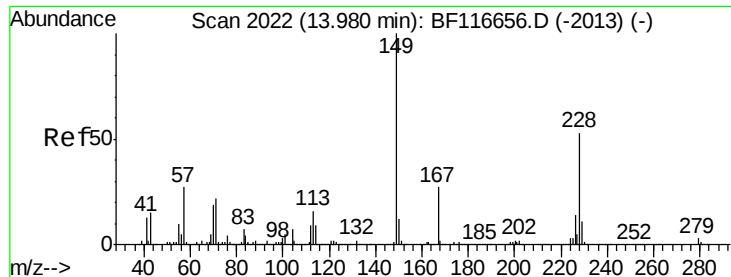


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.129 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF116670.D

Acq: 31 Aug 2019 00:36

Instrument :

BNA_F

ClientSampleId :

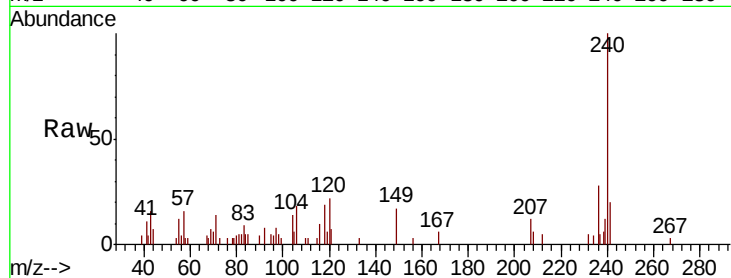
Tot Ion:149 Resp: 1770

Ion Ratio Lower Upper

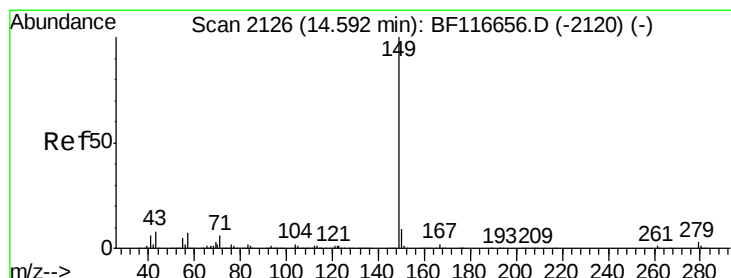
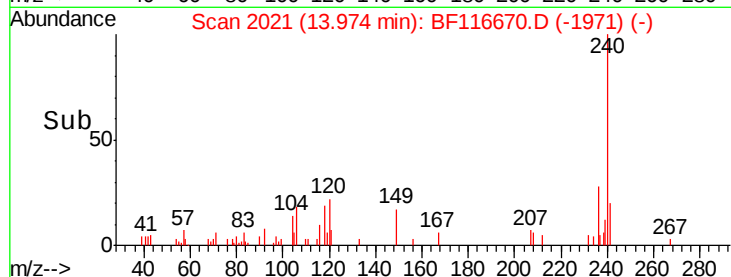
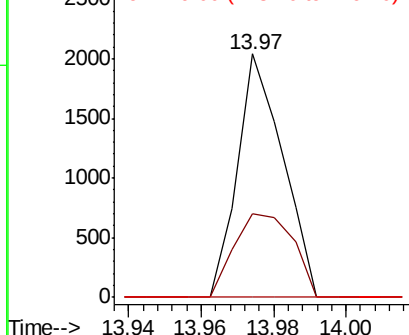
149 100

167 34.5 21.0 31.4#

279 0.0 2.8 4.2#



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: 0.005 ng

RT: 14.58 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BF116670.D

Acq: 31 Aug 2019 00:36

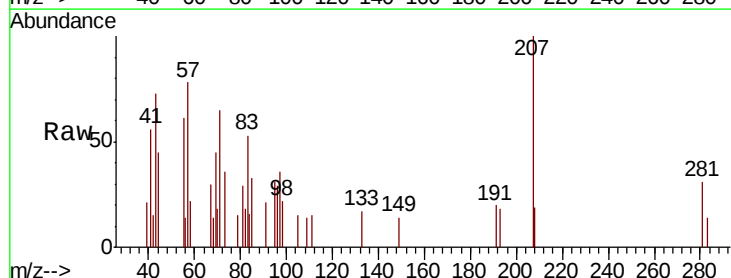
Tgt Ion:149 Resp: 110

Ion Ratio Lower Upper

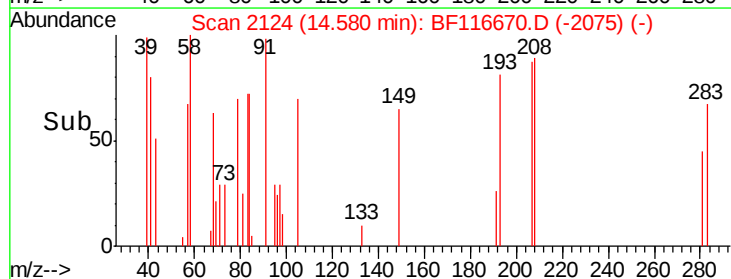
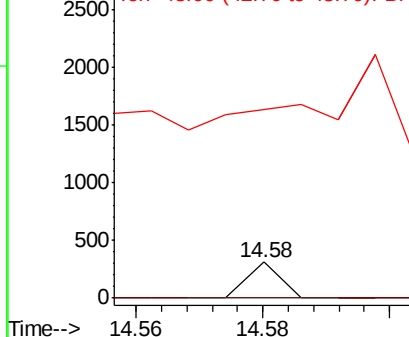
149 100

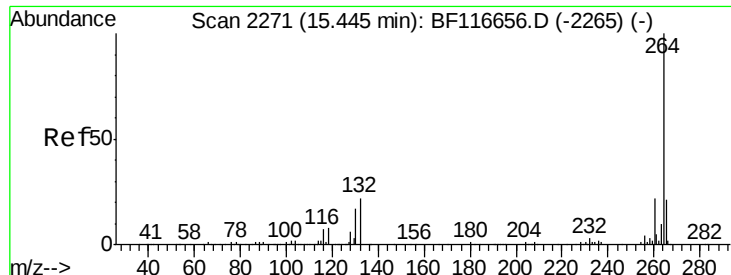
167 0.0 1.3 1.9#

43 564.5 7.8 11.8#



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



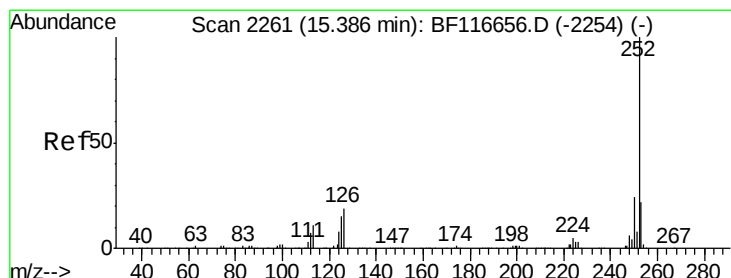
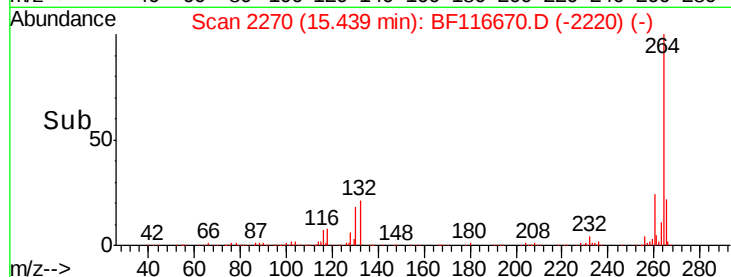
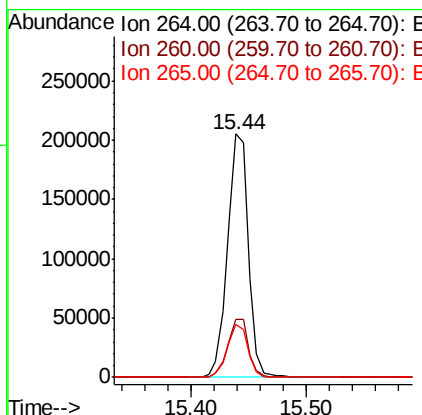
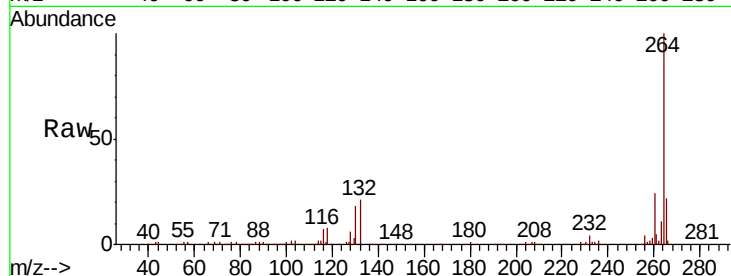


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF116670.D
Acq: 31 Aug 2019 00:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 256011

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.3	27.5
265	21.7	16.5	24.7



#90
Benzo(a)pyrene
Concen: 0.071 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.05 min
Lab File: BF116670.D
Acq: 31 Aug 2019 00:36

Tgt Ion:252 Resp: 959

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.1	27.1#
125	0.0	9.8	14.8#

