

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
 Data File : BF116086.D
 Acq On : 8 Aug 2019 23:51
 Operator : HP/JU
 Sample : K4158-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 09 09:15:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

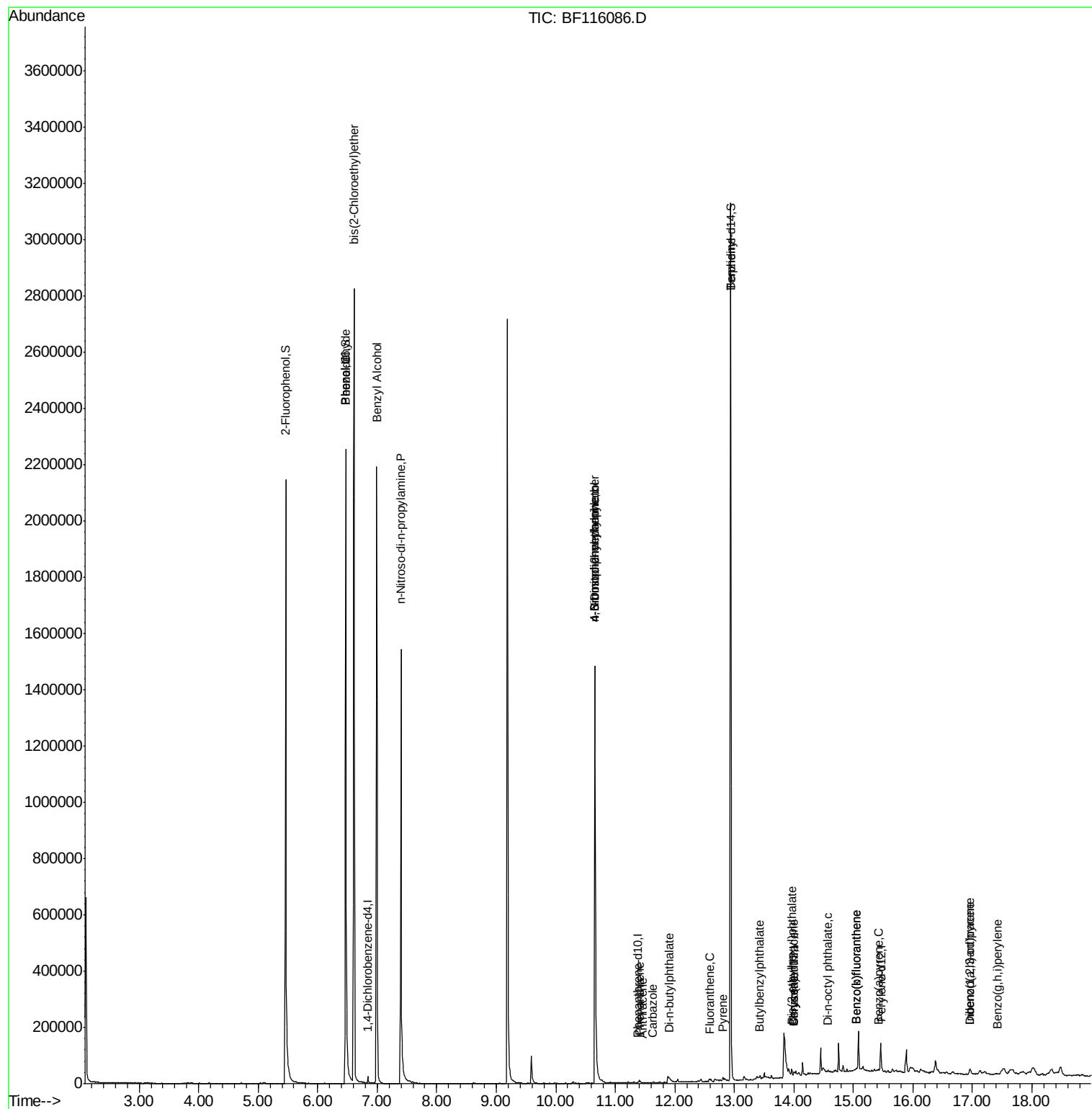
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	4854	20.00	ng	0.00
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.13
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-9.89
64) Phenanthrene-d10	11.37	188	263	20.00	ng	0.00
76) Chrysene-d12	14.01	240	3850	20.00	ng	0.00
87) Perylene-d12	15.48	264	1549	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	711929	2455.32	ng	0.00
7) Phenol-d6	6.47	99	932834	2549.93	ng	-0.01
23) Nitrobenzene-d5	7.40	82	598244	0.00	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	229634	0.00	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	945449	0.00	ng	-0.02
79) Terphenyl-d14	12.94	244	1105481	6050.47	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.47	77	1563	6.192	ng	# 1
10) Phenol	6.48	94	9724	22.572	ng	# 8
11) bis(2-Chloroethyl)ether	6.61	93	875	2.763	ng	# 1
15) Benzyl Alcohol	6.99	79	9222	33.217	ng	# 45
19) n-Nitroso-di-n-propylamine	7.40	70	76954	339.461	ng	# 79
65) 4,6-Dinitro-2-methylphenol	10.66	198	266	190.855	ng	# 88
66) n-Nitrosodiphenylamine	10.66	169	6436	813.033	ng	# 45
67) 4-Bromophenyl-phenylether	10.66	248	13665	4853.646	ng	# 1
71) Phenanthrene	11.40	178	2226	165.562	ng	# 76
72) Anthracene	11.46	178	728	53.502	ng	# 59
73) Carbazole	11.62	167	1188	96.234	ng	# 58
74) Di-n-butylphthalate	11.91	149	6079	422.124	ng	# 97
75) Fluoranthene	12.58	202	6254	444.311	ng	# 96
77) Benzidine	12.94	184	14779	113.624	ng	# 96
78) Pyrene	12.81	202	6408	22.080	ng	# 95
80) Butylbenzylphthalate	13.41	149	1691	13.774	ng	# 64
81) Benzo(a)anthracene	14.00	228	4554	18.506	ng	# 92
83) Chrysene	14.00	228	4554	19.062	ng	# 96
84) Bis(2-ethylhexyl)phthalate	13.96	149	7084	44.405	ng	# 97
85) Di-n-octyl phthalate	14.57	149	3210	12.668	ng	# 80
86) Indeno(1,2,3-cd)pyrene	16.97	276	2388	11.901	ng	# 65
88) Benzo(b)fluoranthene	15.05	252	5429	60.615	ng	# 80
89) Benzo(k)fluoranthene	15.05	252	5429	62.233	ng	# 79
90) Benzo(a)pyrene	15.42	252	3892	48.611	ng	# 79
91) Dibenzo(a,h)anthracene	16.97	278	851	12.279	ng	# 56
92) Benzo(g,h,i)perylene	17.42	276	2470	36.290	ng	# 58

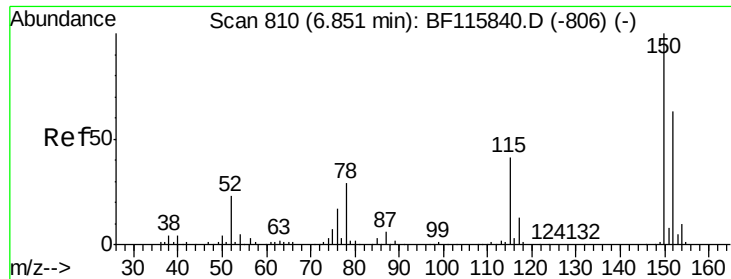
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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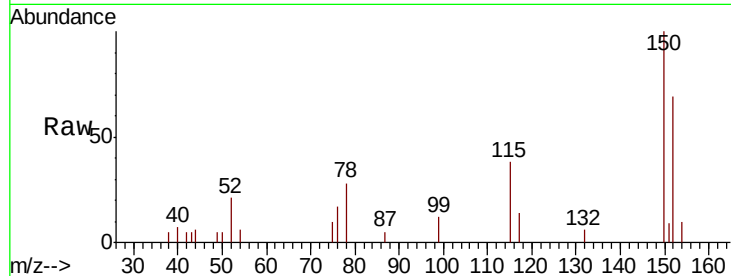


#1

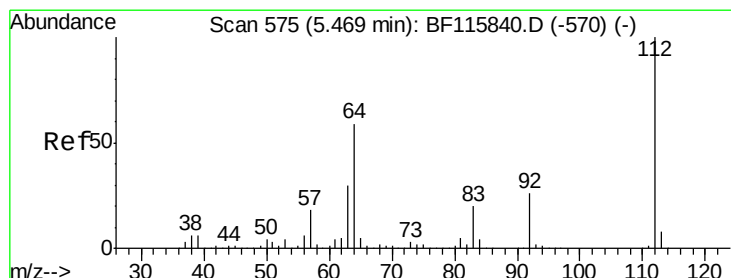
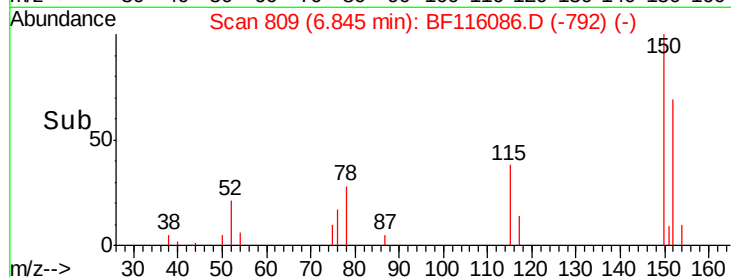
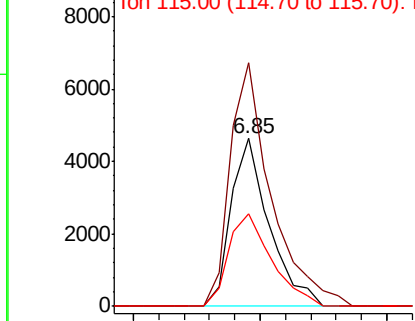
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 4854
Ion Ratio Lower Upper
152 100
150 145.0 126.2 189.2
115 55.2 49.9 74.9



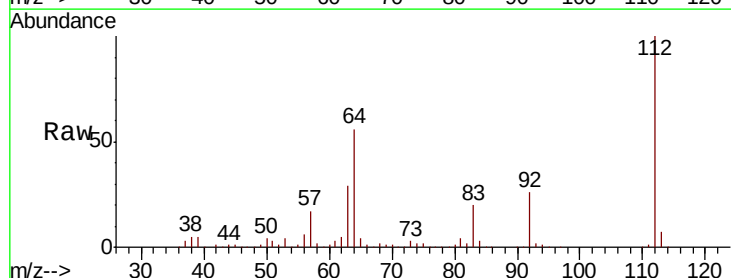
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



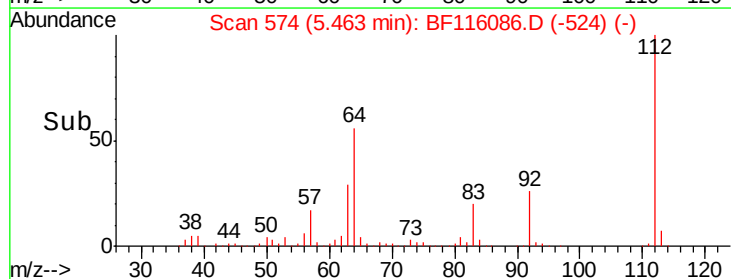
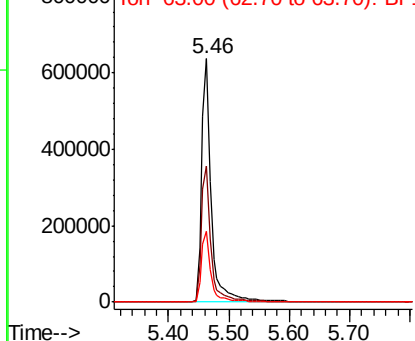
#5

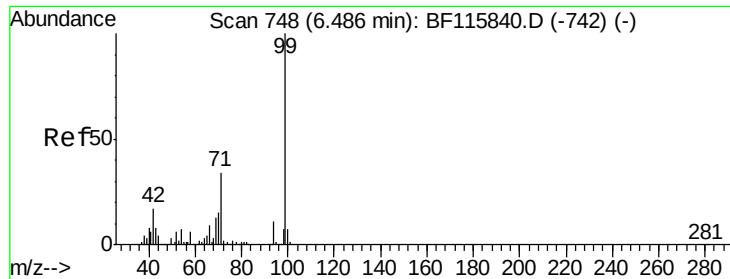
2-Fluorophenol
Concen: 2455.322 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Tgt Ion:112 Resp: 711929
Ion Ratio Lower Upper
112 100
64 56.2 45.4 68.2
63 29.2 23.7 35.5



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





#7

Phenol-d6

Concen: 2549.929 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116086.D

Acq: 8 Aug 2019 23:51

Instrument :

BNA_F

ClientSampleId :

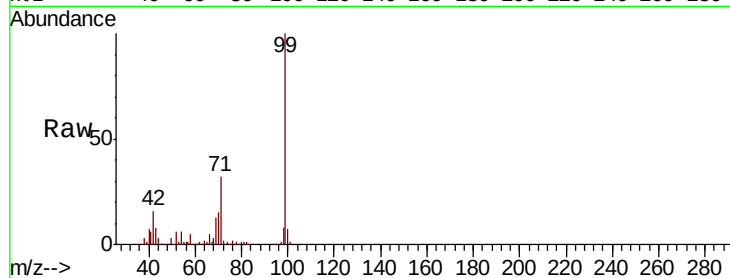
Tot Ion: 99 Resp: 932834

Ion Ratio Lower Upper

99 100

42 16.2 13.8 20.8

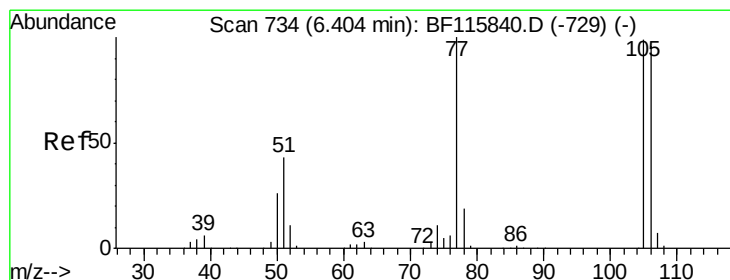
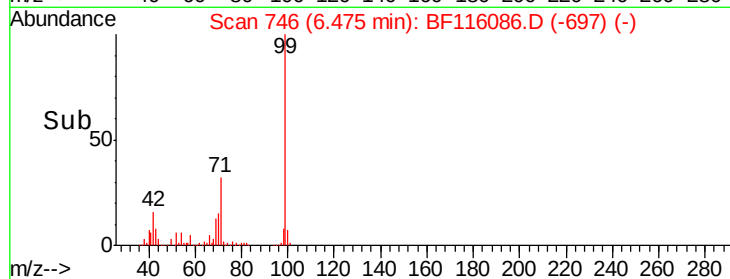
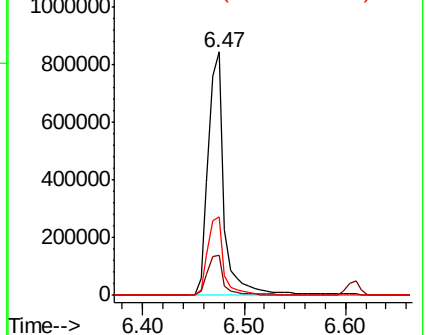
71 32.2 27.3 40.9



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



#9

Benzaldehyde

Concen: 6.192 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.08 min

Lab File: BF116086.D

Acq: 8 Aug 2019 23:51

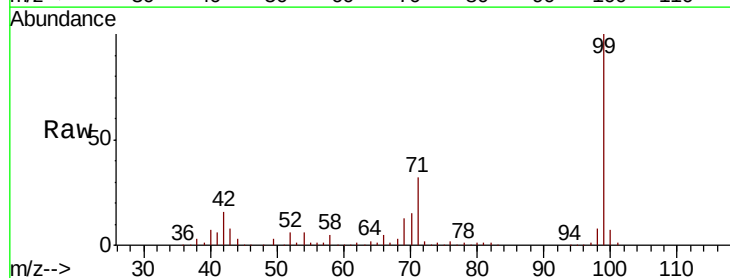
Tgt Ion: 77 Resp: 1563

Ion Ratio Lower Upper

77 100

105 0.0 79.2 119.2#

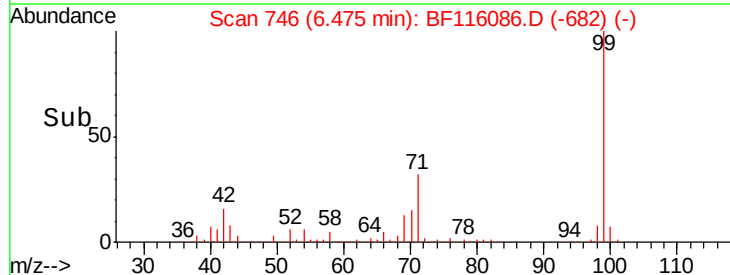
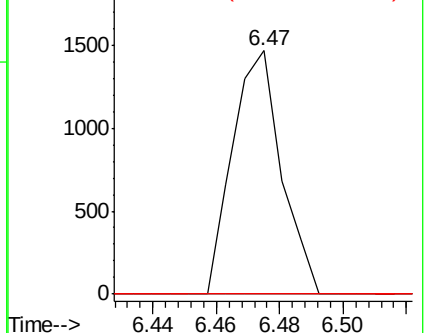
106 0.0 74.3 114.3#

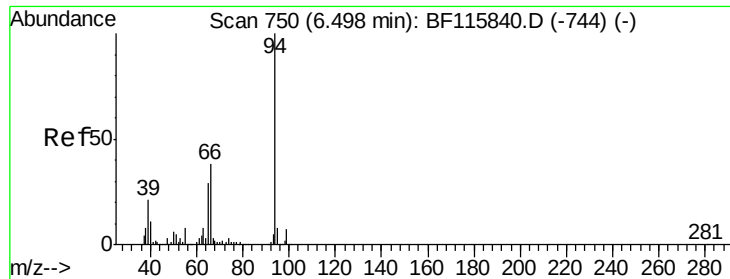


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 22.572 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF116086.D

Acq: 8 Aug 2019 23:51

Instrument :

BNA_F

ClientSampled :

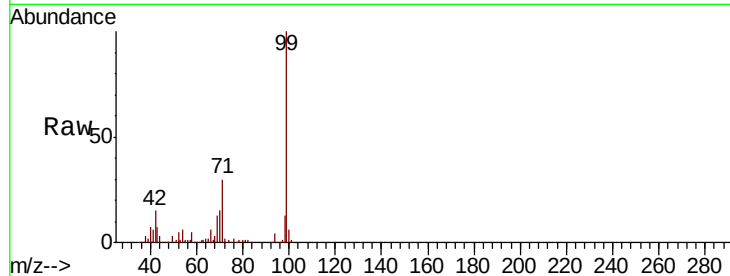
Tot Ion: 94 Resp: 9724

Ion Ratio Lower Upper

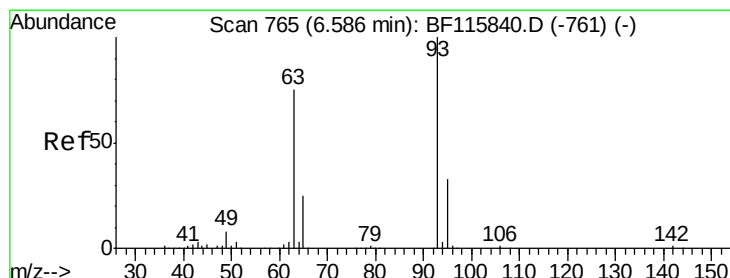
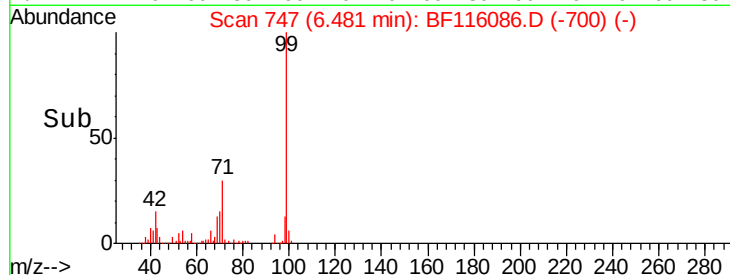
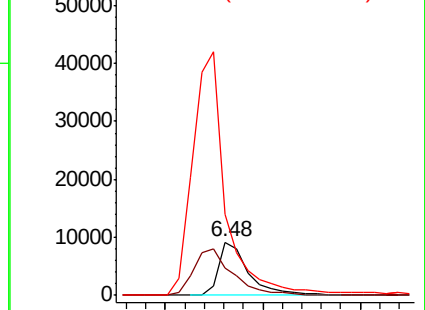
94 100

65 52.1 16.8 56.8

66 152.7 34.2 74.2#



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: 2.763 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.02 min

Lab File: BF116086.D

Acq: 8 Aug 2019 23:51

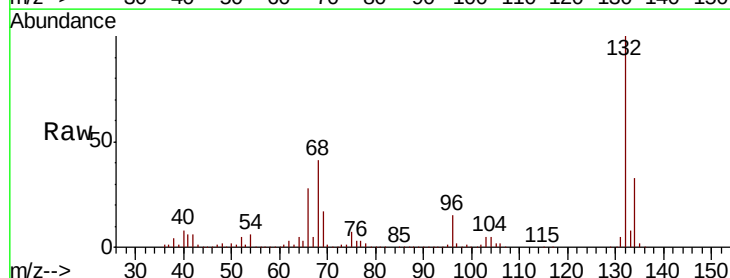
Tgt Ion: 93 Resp: 875

Ion Ratio Lower Upper

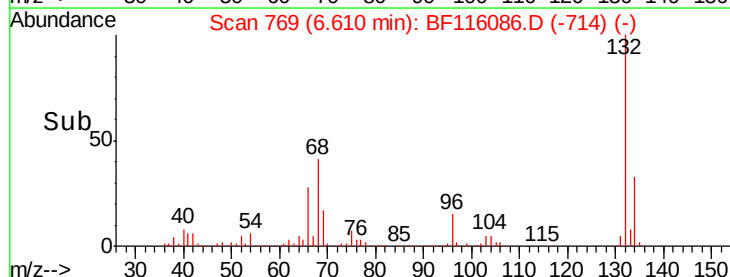
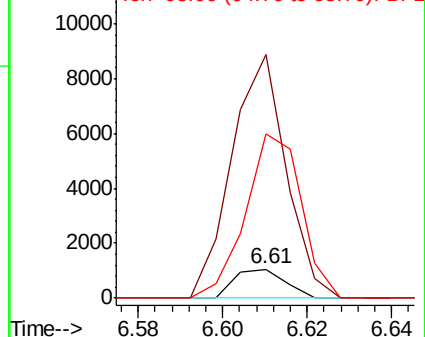
93 100

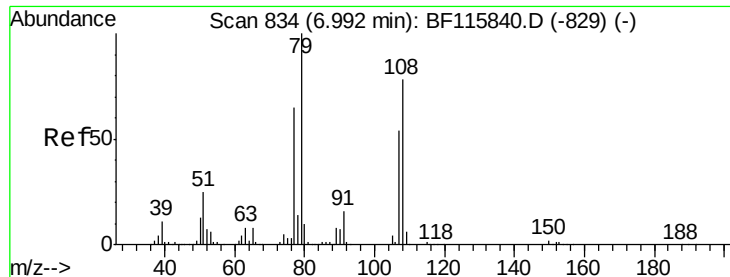
63 845.3 51.9 91.9#

95 570.4 13.0 53.0#



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: 33.217 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF116086.D

Acq: 8 Aug 2019 23:51

Instrument :

BNA_F

ClientSampleId :

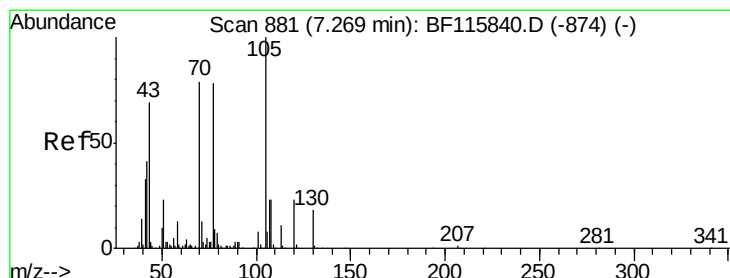
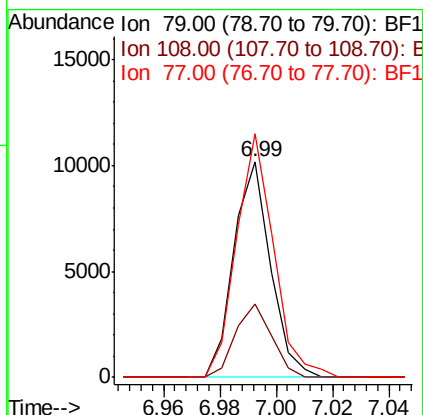
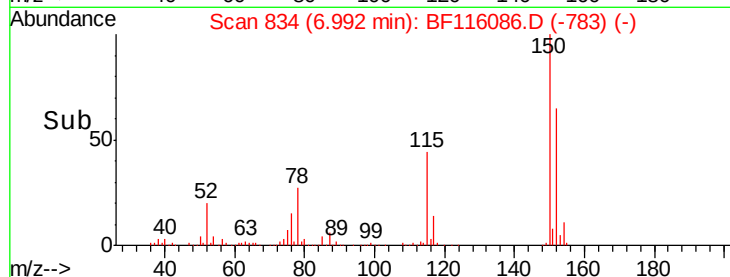
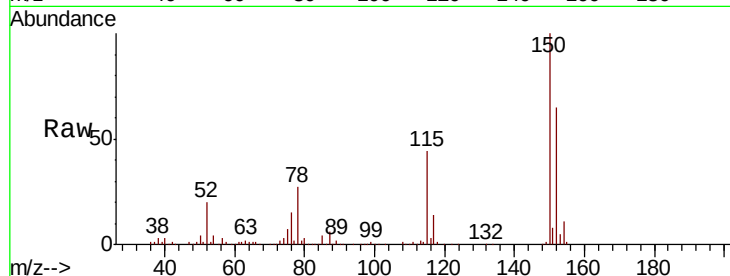
Tot Ion: 79 Resp: 9222

Ion Ratio Lower Upper

79 100

108 33.9 62.7 94.1#

77 112.9 52.2 78.2#



#19

n-Nitroso-di-n-propylamine

Concen: 339.461 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF116086.D

Acq: 8 Aug 2019 23:51

Tgt Ion: 70 Resp: 76954

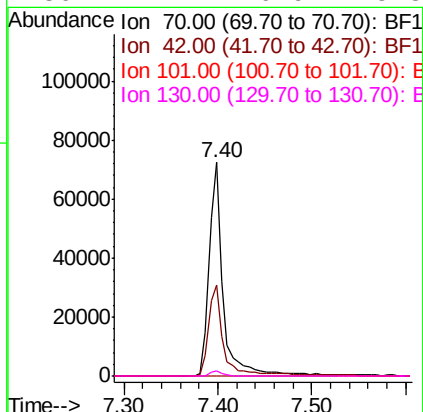
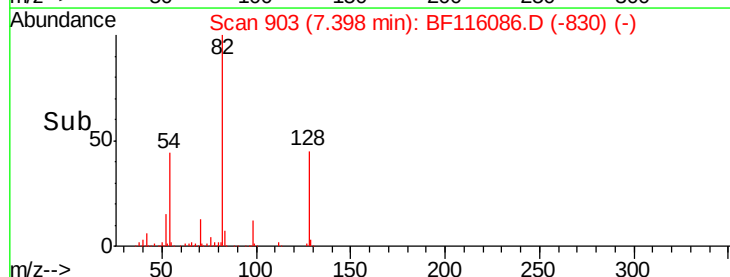
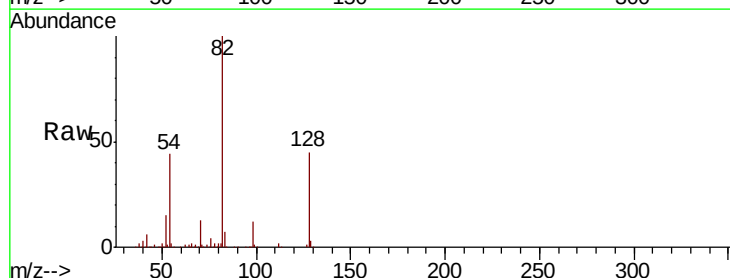
Ion Ratio Lower Upper

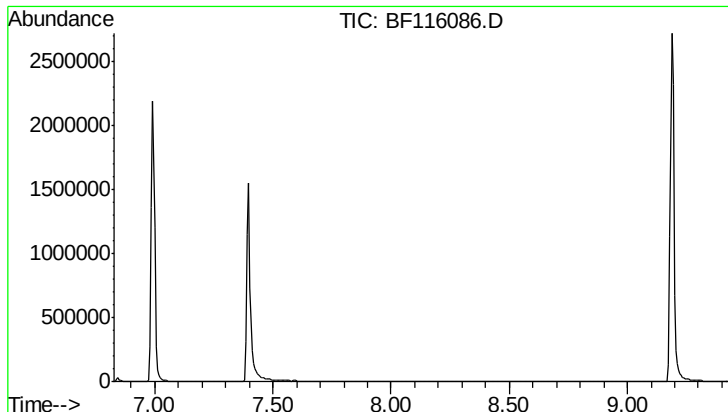
70 100

42 42.8 40.9 61.3

101 0.0 7.9 11.9#

130 2.1 16.9 25.3#

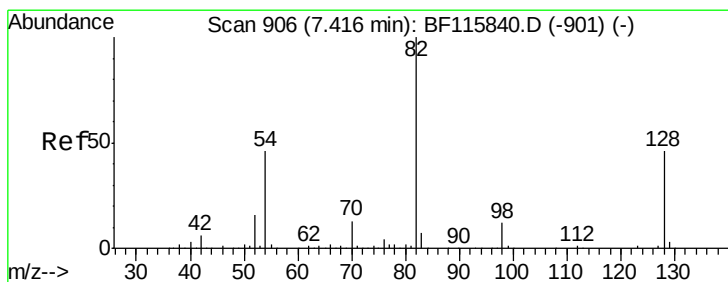
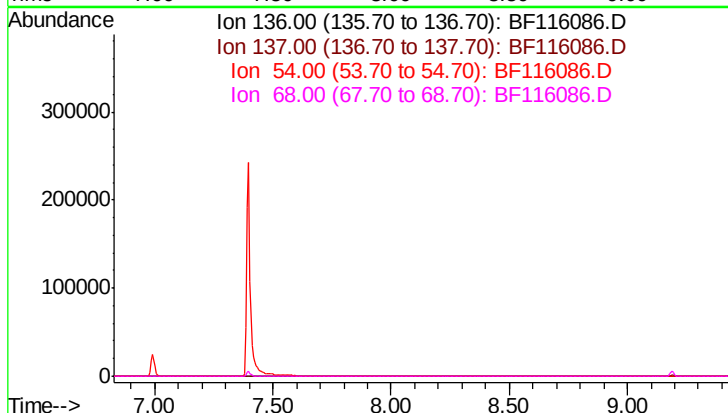




#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 8.13 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

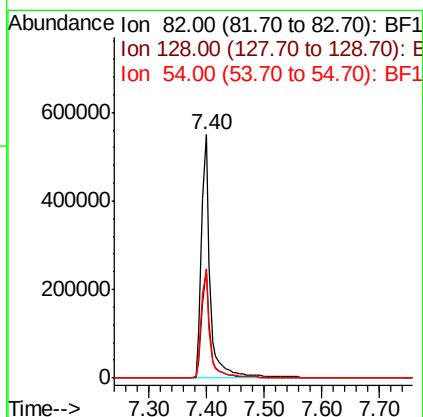
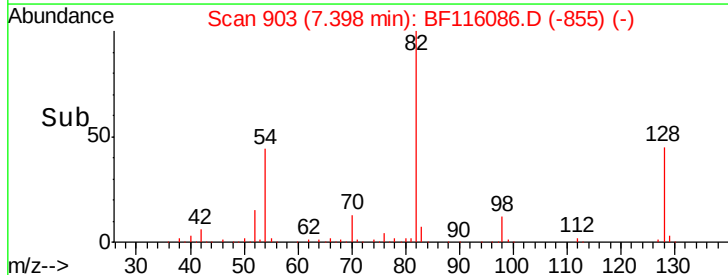
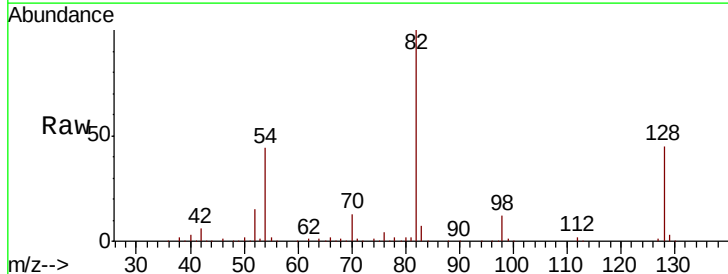
Instrument :
BNA_F
ClientSampleId :

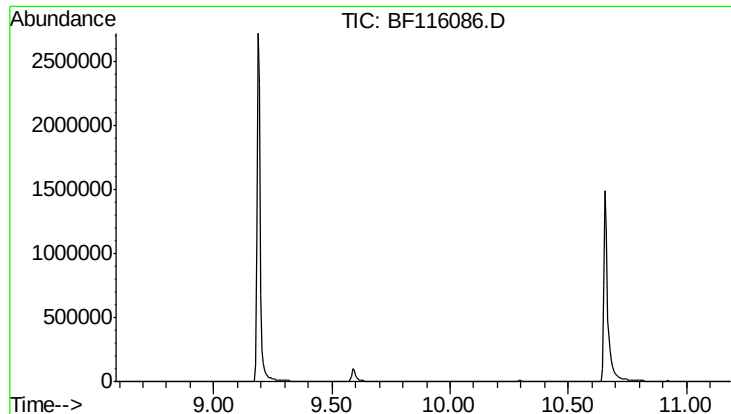
Tot Ion: 136
Sig Exp Ratio
136 100
137 11.2
54 7.2
68 6.5



#23
Nitrobenzene-d5
Concen: 0.000 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Tgt Ion: 82 Resp: 598244
Ion Ratio Lower Upper
82 100
128 45.1 36.5 54.7
54 44.1 36.0 54.0

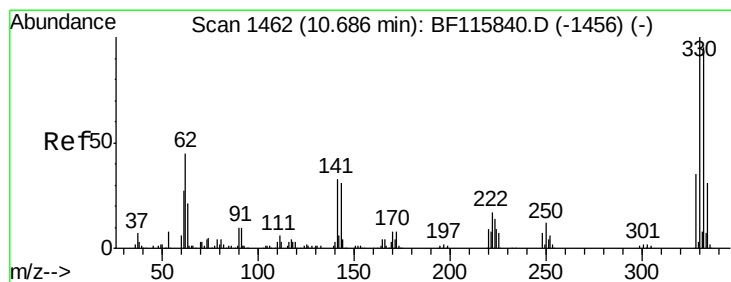
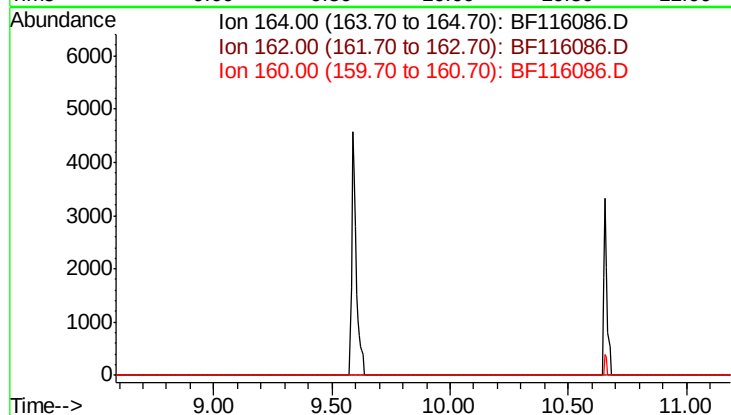




#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 9.89 min
 Lab File: BF116086.D
 Acq: 8 Aug 2019 23:51

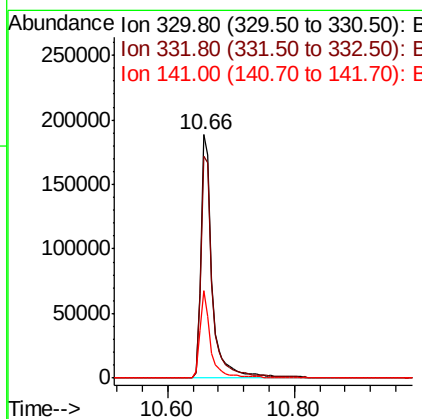
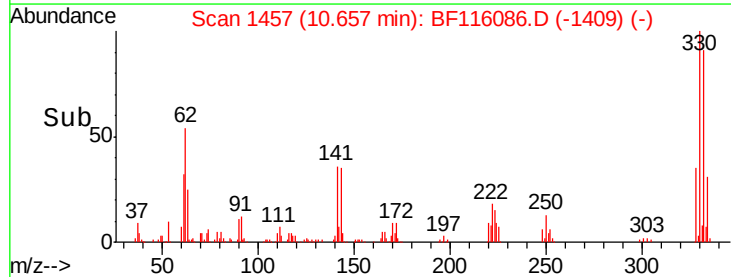
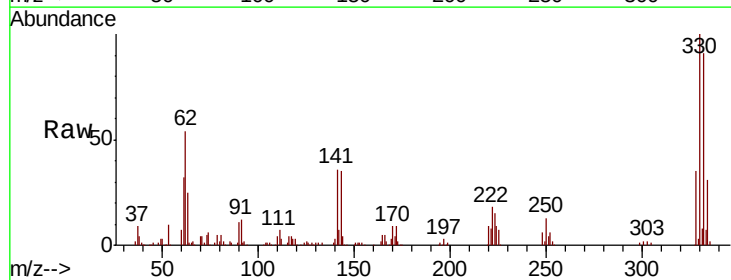
Instrument :
 BNA_F
 ClientSampleId :

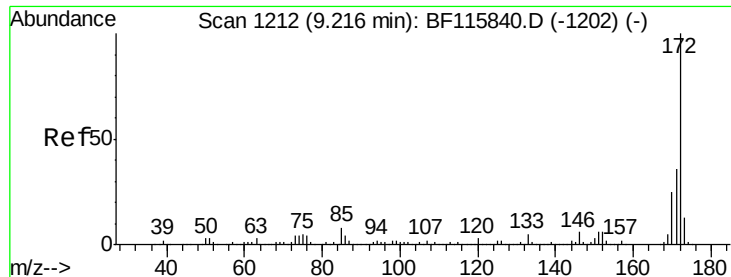
Tot Ion: 164
 Sig Exp Ratio
 164 100
 162 103.3
 160 47.0



#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF116086.D
 Acq: 8 Aug 2019 23:51

Tgt Ion: 330 Resp: 229634
 Ion Ratio Lower Upper
 330 100
 332 94.2 76.8 115.2
 141 34.1 26.3 39.5

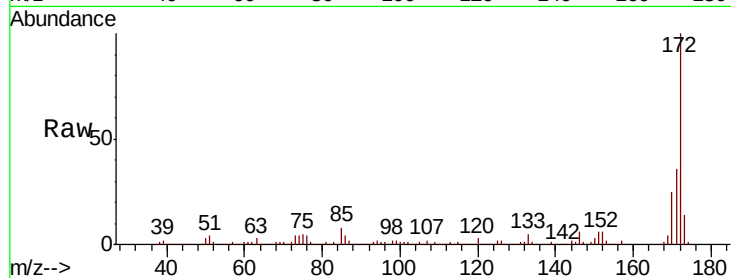




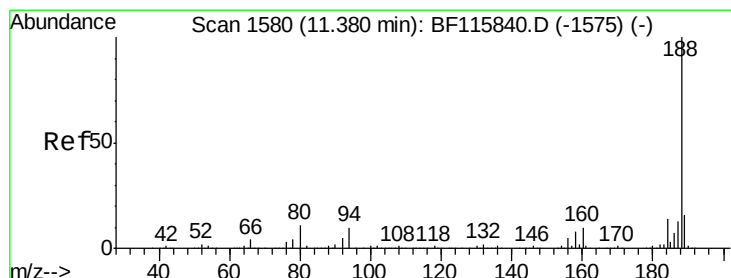
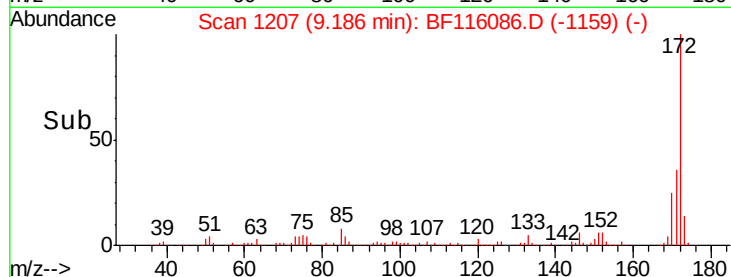
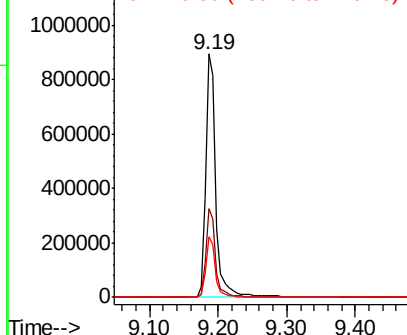
#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF116086.D
 Acq: 8 Aug 2019 23:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 945449
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.6 20.1 30.1

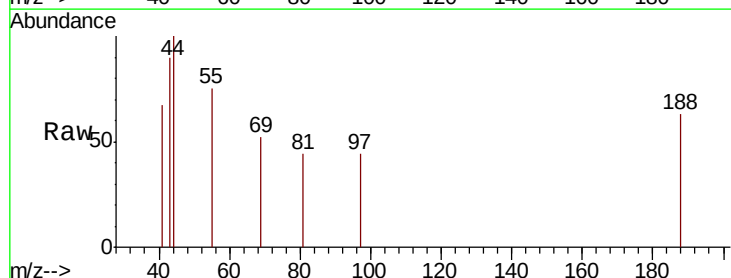


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

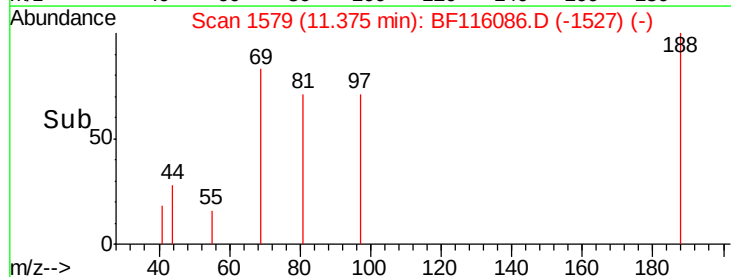
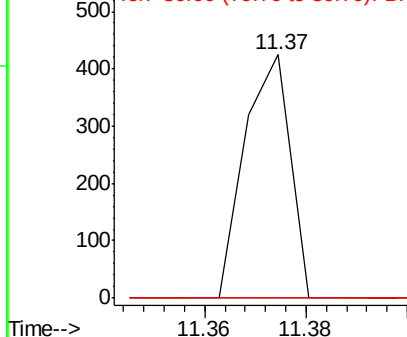


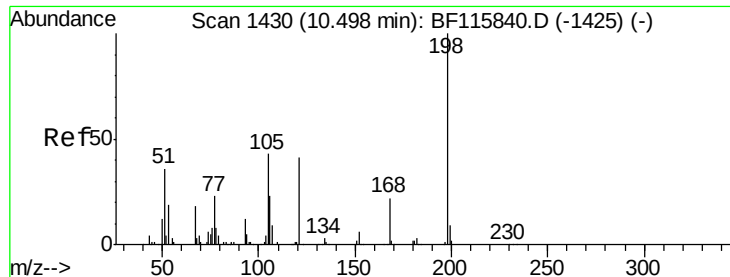
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.01 min
 Lab File: BF116086.D
 Acq: 8 Aug 2019 23:51

Tgt Ion:188 Resp: 263
 Ion Ratio Lower Upper
 188 100
 94 0.0 8.1 12.1#
 80 0.0 8.7 13.1#



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: 190.855 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.16 min

Lab File: BF116086.D

Acq: 8 Aug 2019 23:51

Instrument :

BNA_F

ClientSampleId :

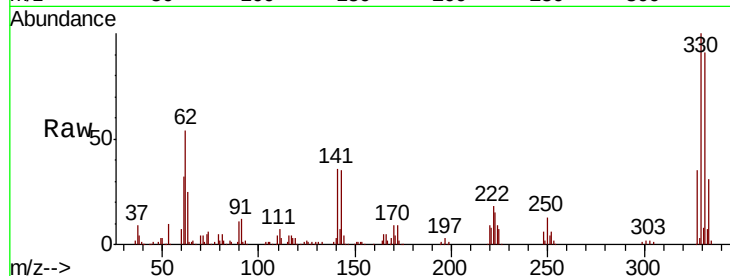
Tot Ion:198 Resp: 266

Ion Ratio Lower Upper

198 100

51 26.5 17.0 57.0

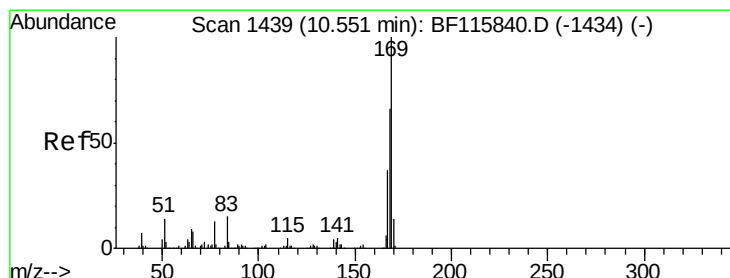
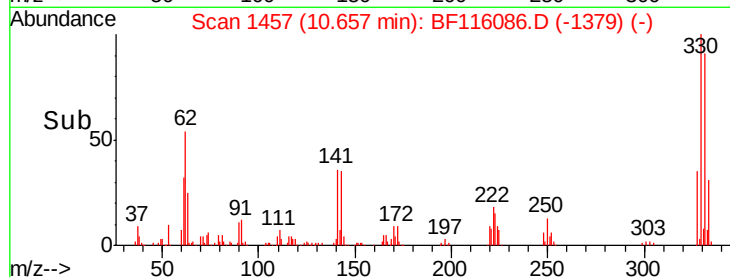
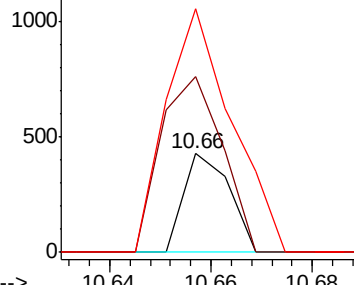
105 36.7 21.6 61.6



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: 813.033 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.11 min

Lab File: BF116086.D

Acq: 8 Aug 2019 23:51

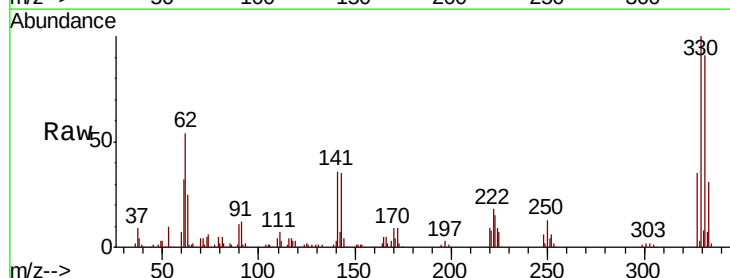
Tgt Ion:169 Resp: 6436

Ion Ratio Lower Upper

169 100

168 8.6 53.8 80.6#

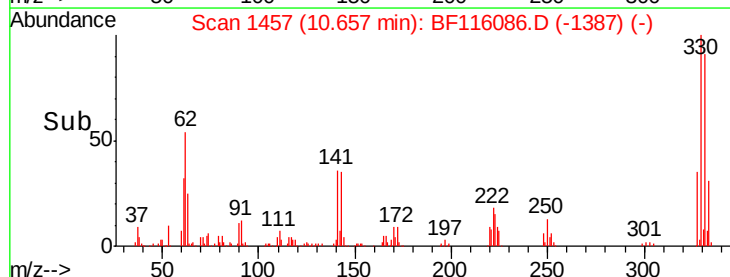
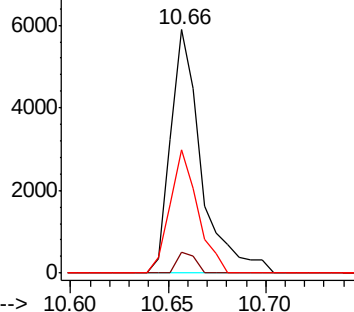
167 50.4 29.6 44.4#

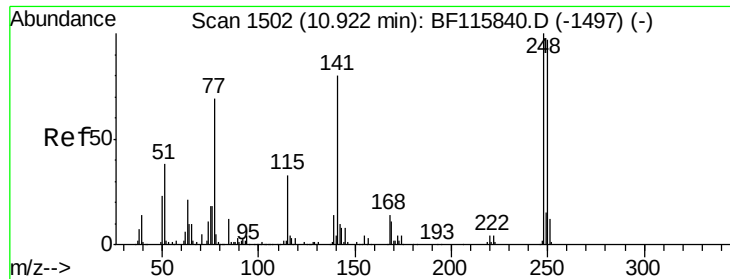


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

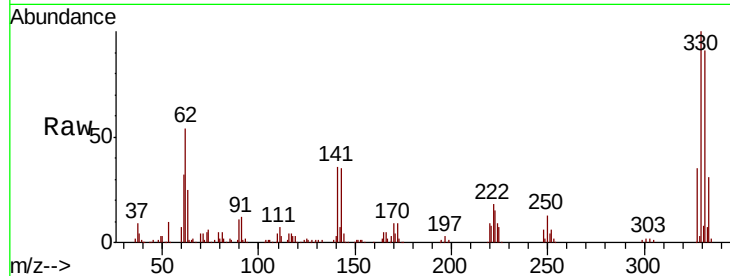




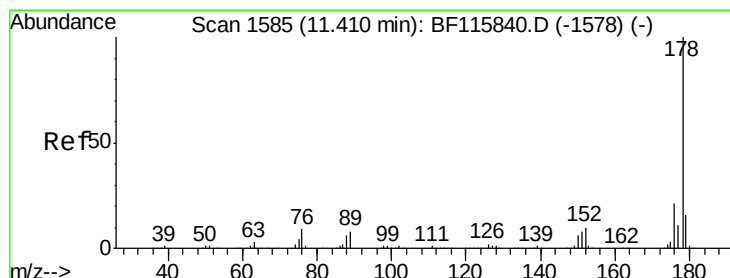
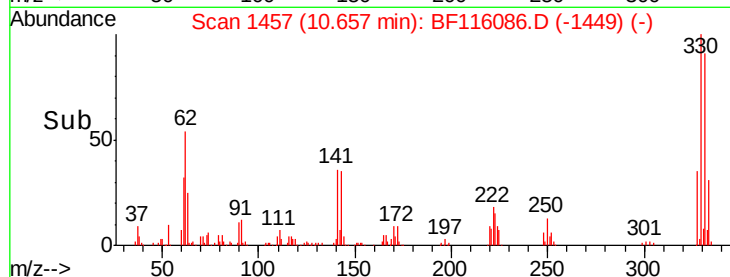
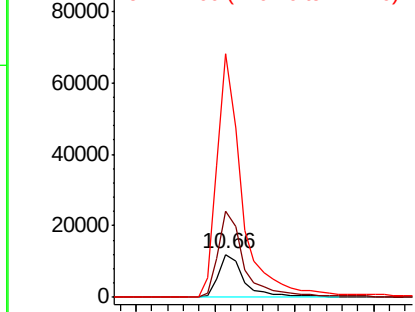
#67
 4-Bromophenyl-phenylether
 Concen: 4853.646 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.25 min
 Lab File: BF116086.D
 Acq: 8 Aug 2019 23:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 13665
 Ion Ratio Lower Upper
 248 100
 250 199.8 77.4 116.2#
 141 563.4 56.8 85.2#

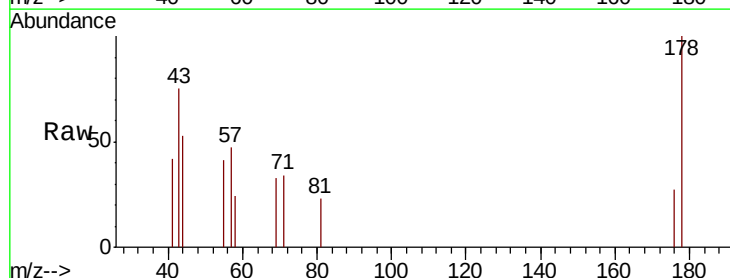


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

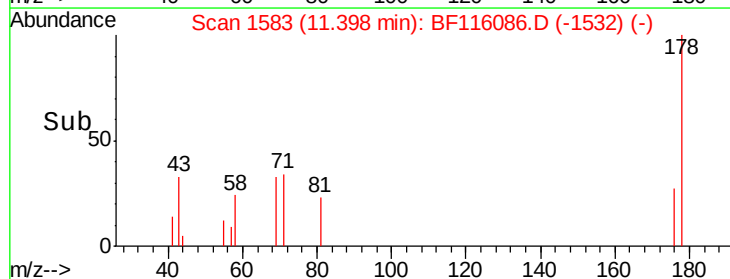
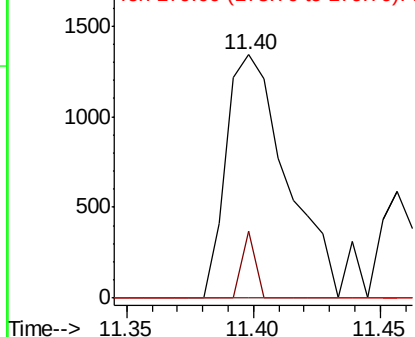


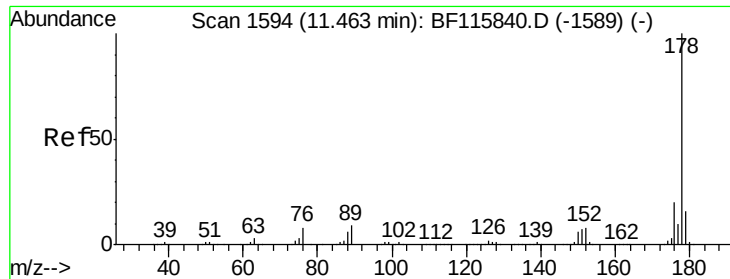
#71
 Phenanthrene
 Concen: 165.562 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF116086.D
 Acq: 8 Aug 2019 23:51

Tgt Ion:178 Resp: 2226
 Ion Ratio Lower Upper
 178 100
 176 27.3 16.6 24.8#
 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





#72

Anthracene

Concen: 53.502 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BF116086.D

Acq: 8 Aug 2019 23:51

Instrument :

BNA_F

ClientSampled :

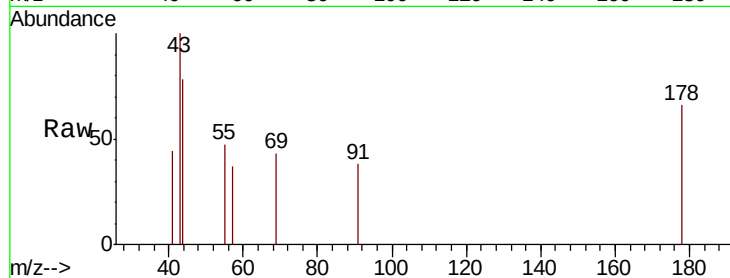
Tot Ion:178 Resp: 728

Ion Ratio Lower Upper

178 100

176 0.0 15.7 23.5#

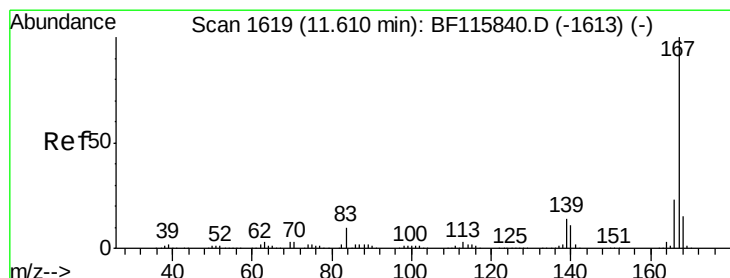
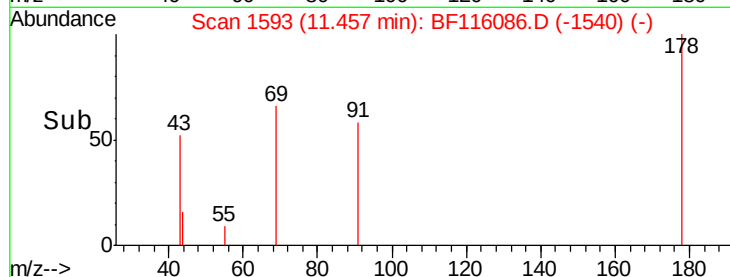
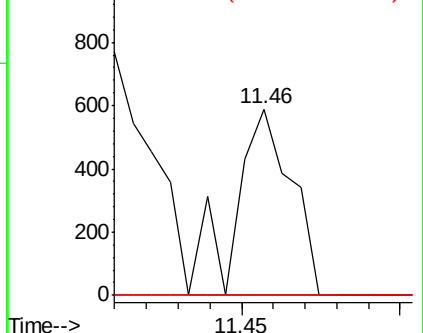
179 0.0 13.0 19.6#



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



#73

Carbazole

Concen: 96.234 ng

RT: 11.62 min Scan# 1621

Delta R.T. 0.02 min

Lab File: BF116086.D

Acq: 8 Aug 2019 23:51

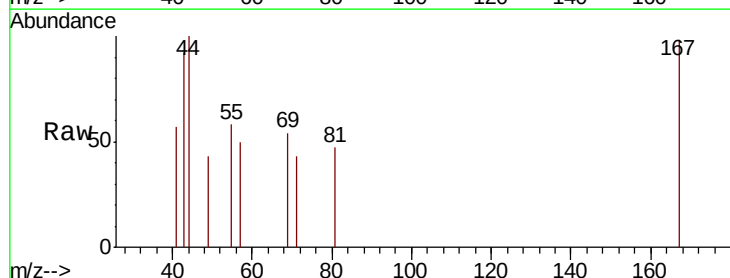
Tgt Ion:167 Resp: 1188

Ion Ratio Lower Upper

167 100

166 0.0 17.8 26.6#

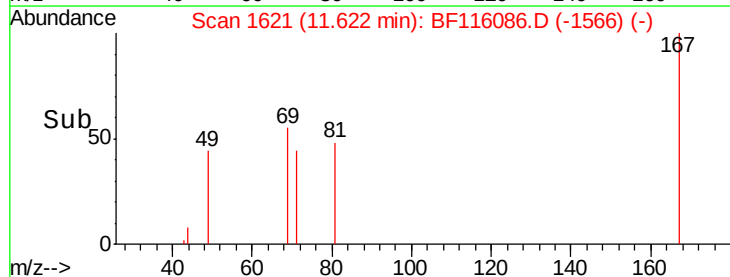
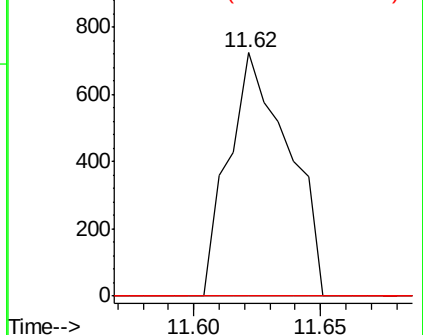
139 0.0 11.4 17.0#

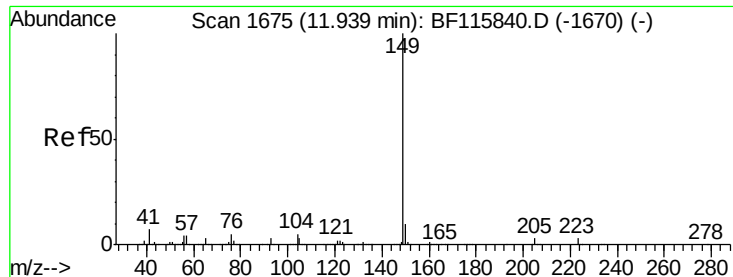


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

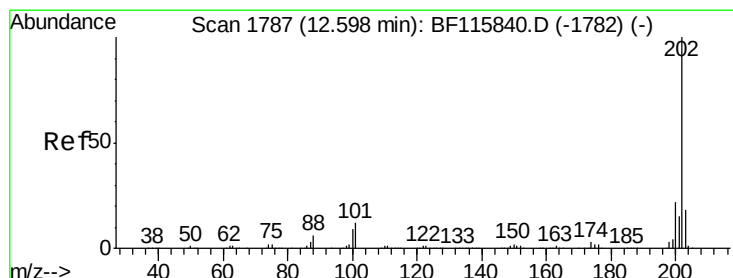
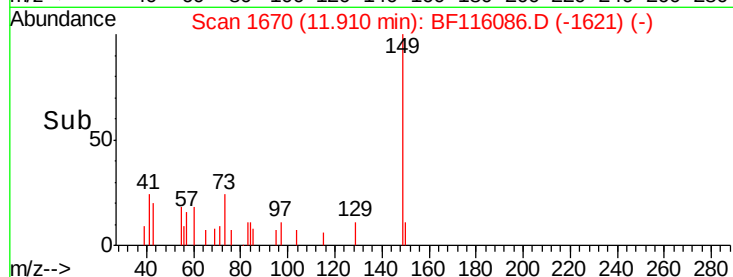
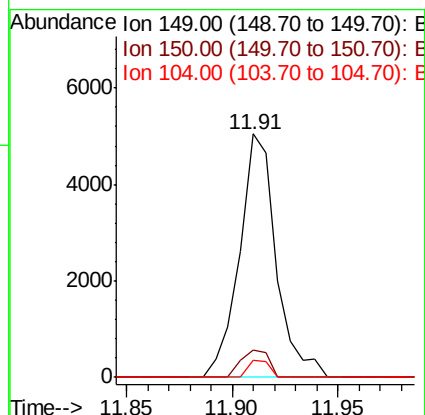
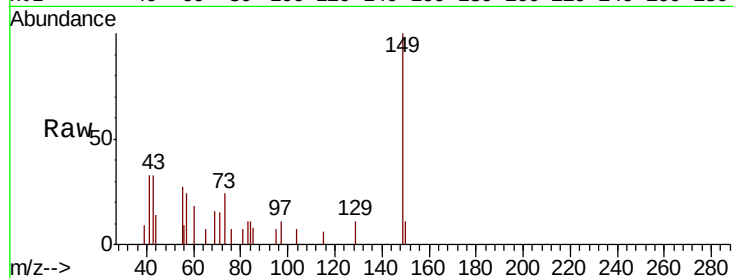




#74
Di-n-butylphthalate
Concen: 422.124 ng
RT: 11.91 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

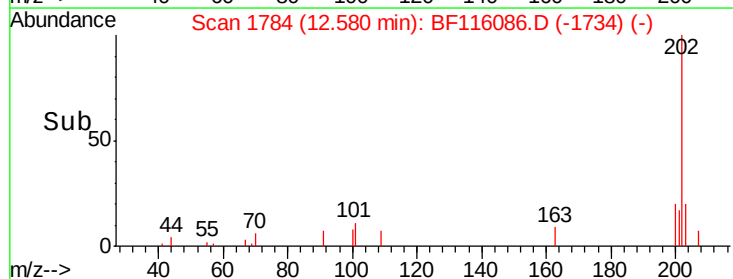
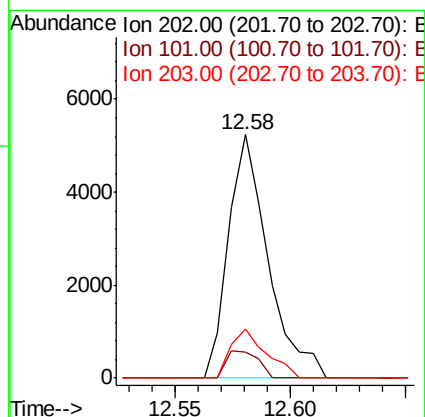
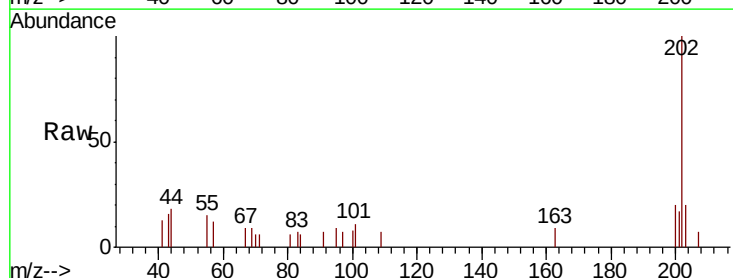
Instrument :
BNA_F
ClientSampleId :

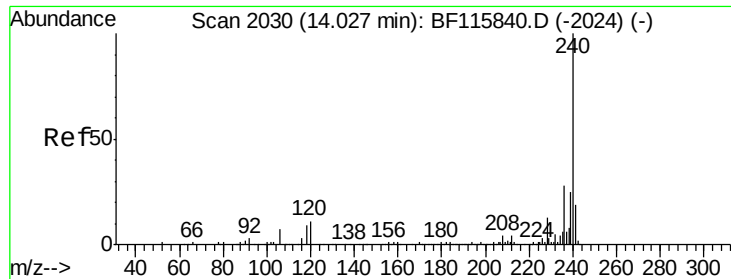
Tot Ion:149 Resp: 6079
Ion Ratio Lower Upper
149 100
150 11.0 8.0 12.0
104 6.9 4.5 6.7#



#75
Fluoranthene
Concen: 444.311 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Tgt Ion:202 Resp: 6254
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.2
203 19.9 0.0 37.8

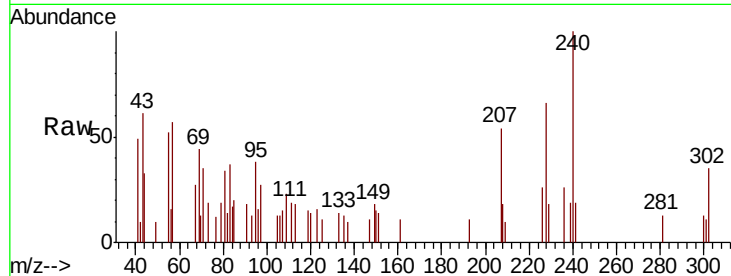




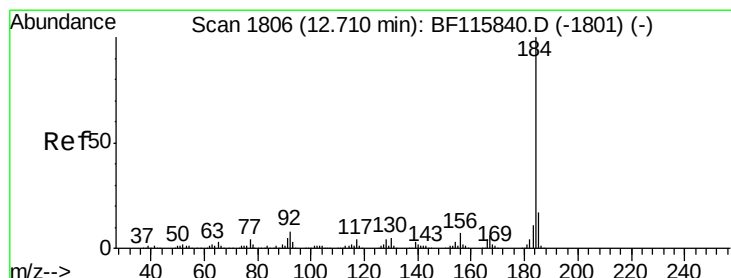
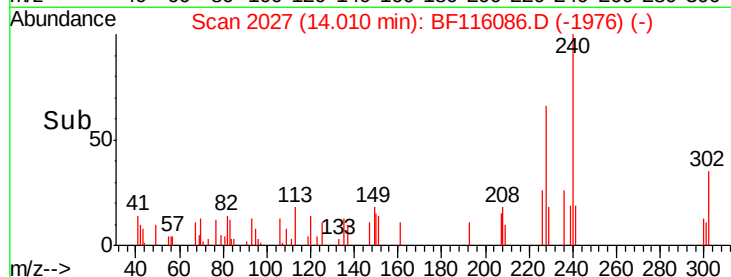
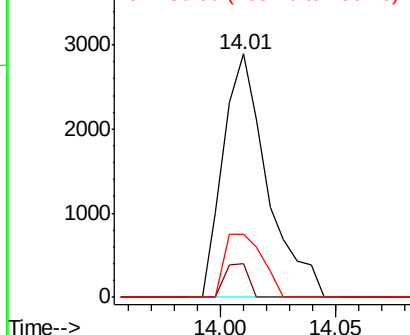
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 3850
Ion Ratio Lower Upper
240 100
120 14.1 10.7 16.1
236 26.1 22.2 33.2

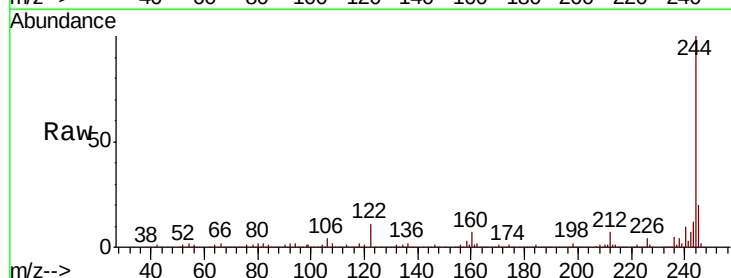


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

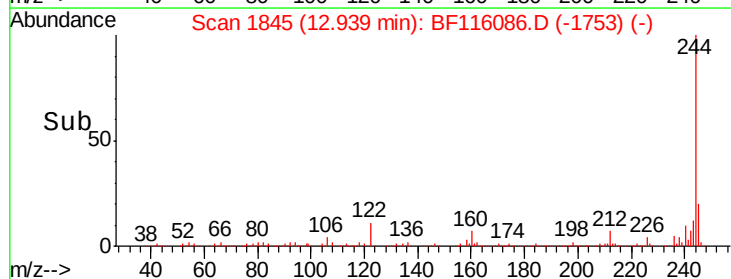
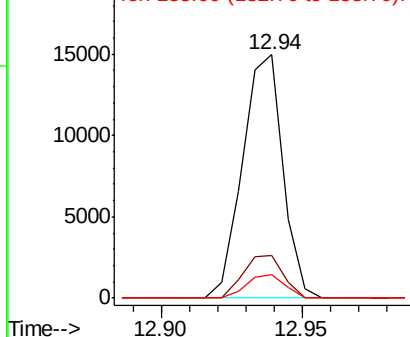


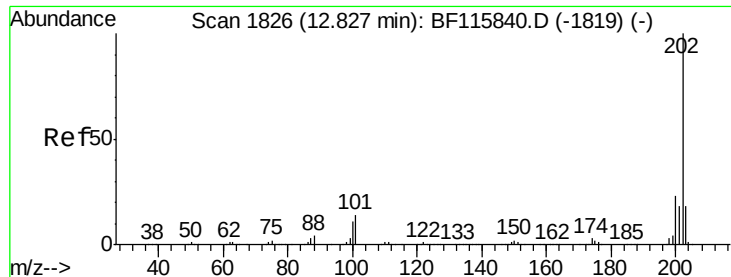
#77
Benzidine
Concen: 113.624 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.24 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Tgt Ion:184 Resp: 14779
Ion Ratio Lower Upper
184 100
185 17.3 12.8 19.2
183 9.5 9.4 14.0



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

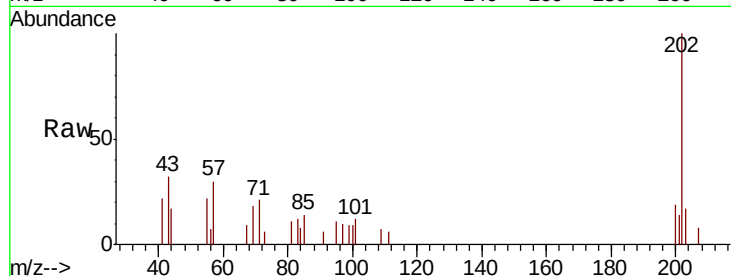




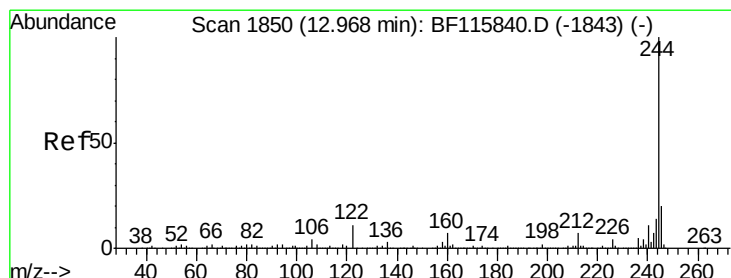
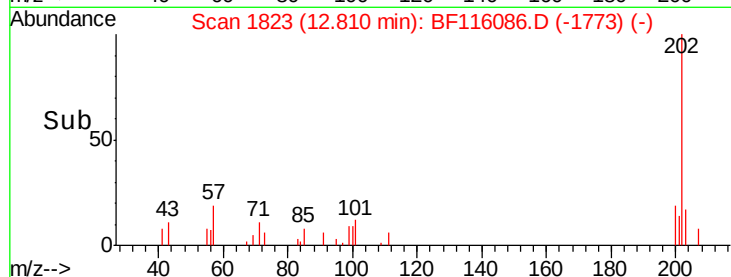
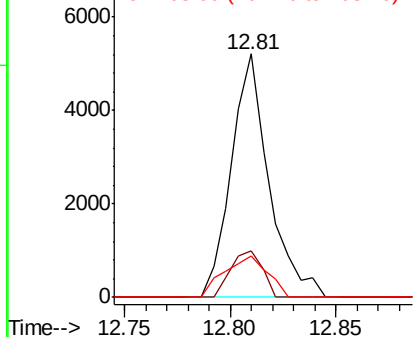
#78
 Pvrene
 Concen: 22.080 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BF116086.D
 Acq: 8 Aug 2019 23:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 6408
 Ion Ratio Lower Upper
 202 100
 200 19.0 18.0 27.0
 203 16.8 14.1 21.1

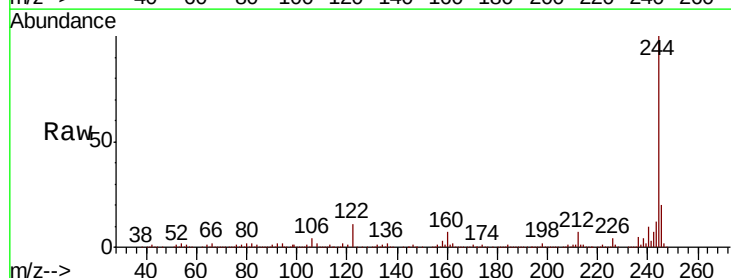


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

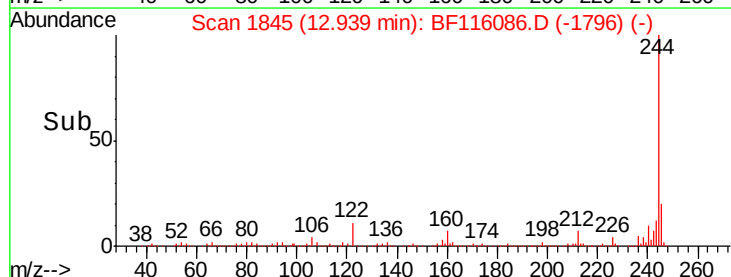
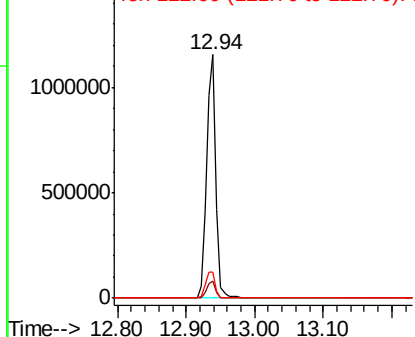


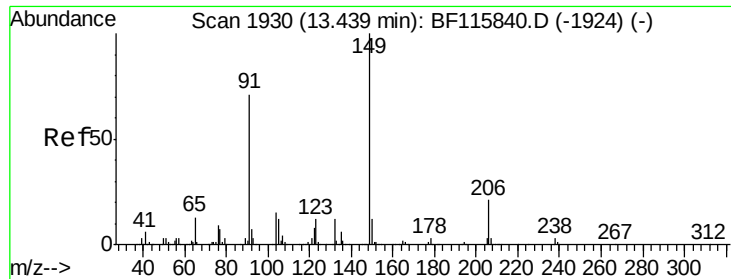
#79
 Terphenyl-d14
 Concen: 6050.471 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116086.D
 Acq: 8 Aug 2019 23:51

Tgt Ion:244 Resp: 1105481
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 10.9 9.0 13.4



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

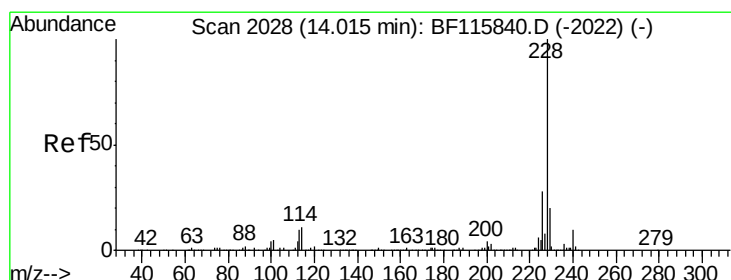
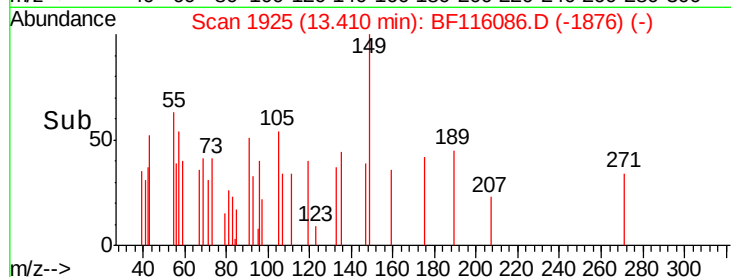
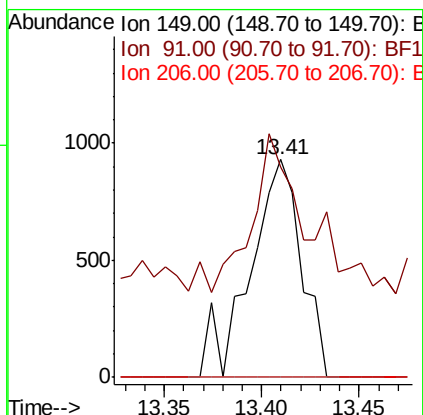
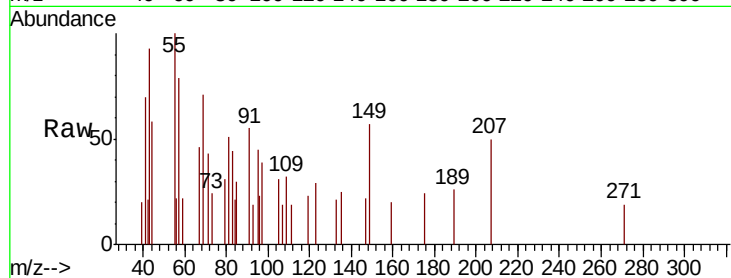




#80
Butylbenzylphthalate
Concen: 13.774 ng
RT: 13.41 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

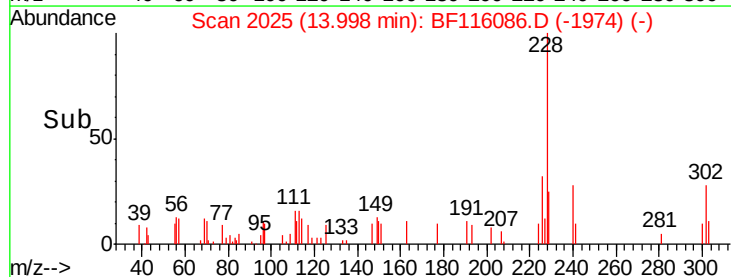
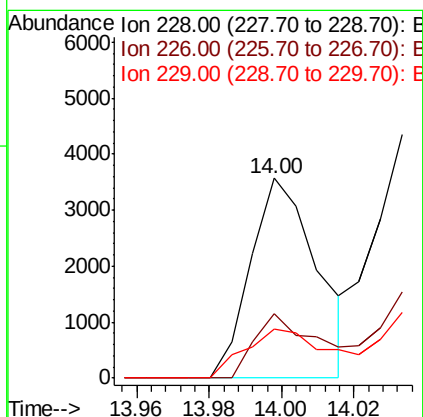
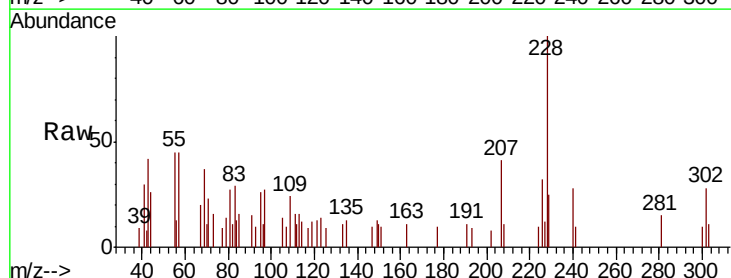
Instrument :
BNA_F
ClientSampled :

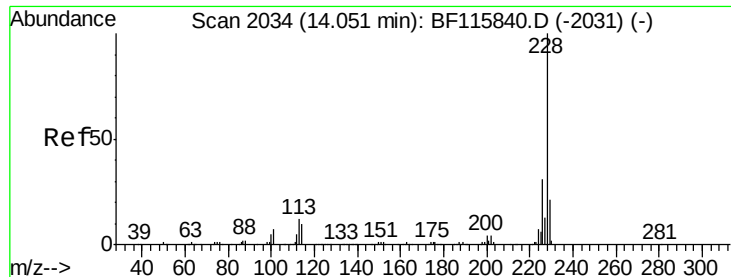
Tot Ion:149 Resp: 1691
Ion Ratio Lower Upper
149 100
91 97.0 56.3 84.5#
206 0.0 18.0 27.0#



#81
Benzo(a)anthracene
Concen: 18.506 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Tgt Ion:228 Resp: 4554
Ion Ratio Lower Upper
228 100
226 32.1 22.7 34.1
229 24.6 16.2 24.4#





#83

Chrysene

Concen: 19.062 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.04 min

Lab File: BF116086.D

Acq: 8 Aug 2019 23:51

Instrument :

BNA_F

ClientSampleId :

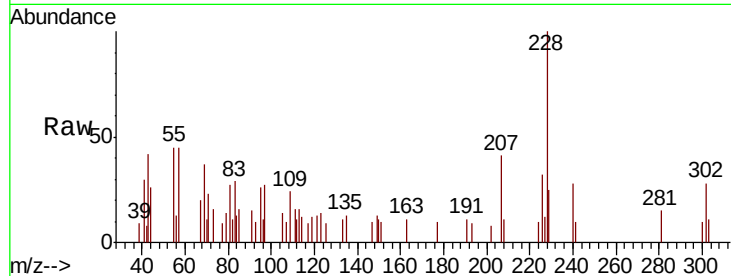
Tot Ion:228 Resp: 4554

Ion Ratio Lower Upper

228 100

226 32.1 25.5 38.3

229 24.6 16.6 24.8

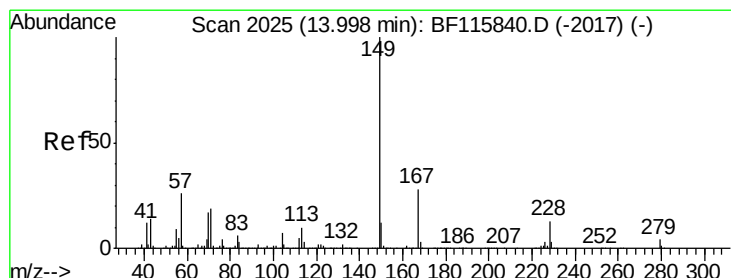
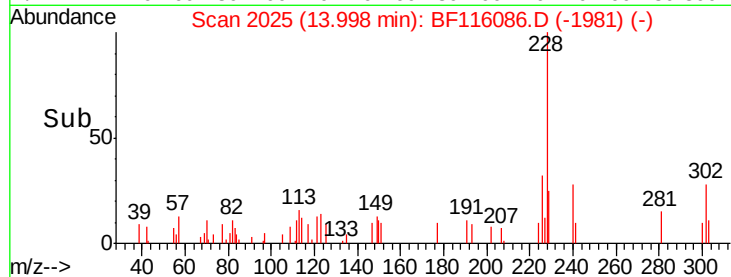
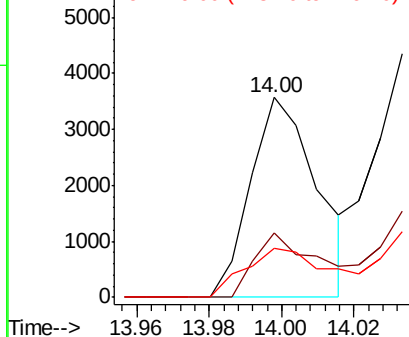


Abundance

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: 44.405 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF116086.D

Acq: 8 Aug 2019 23:51

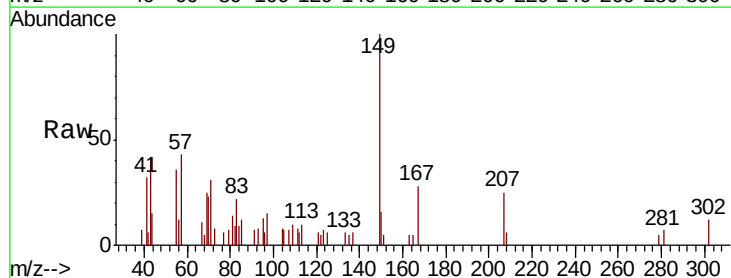
Tgt Ion:149 Resp: 7084

Ion Ratio Lower Upper

149 100

167 28.3 21.6 32.4

279 5.0 3.0 4.4#

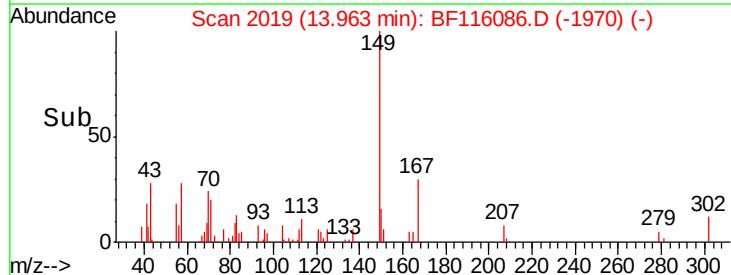
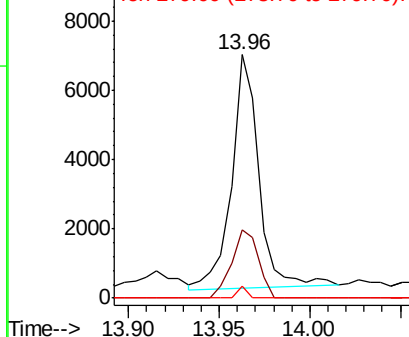


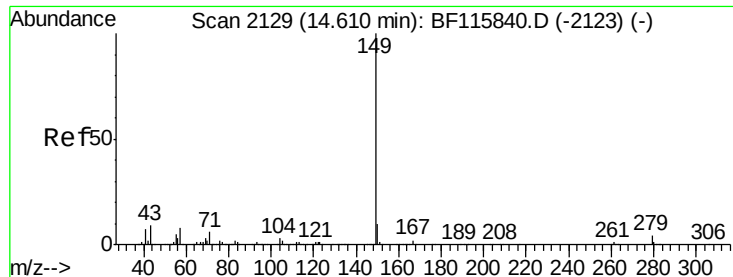
Abundance

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

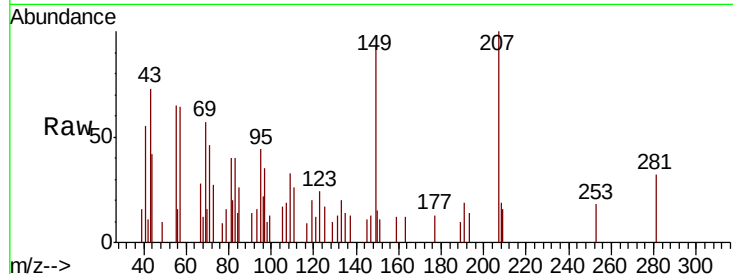




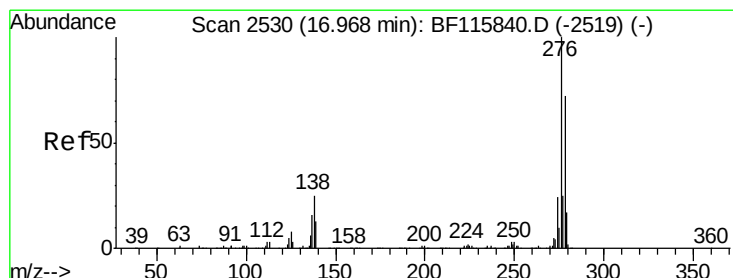
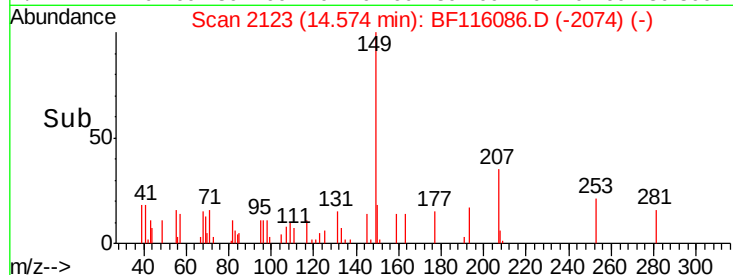
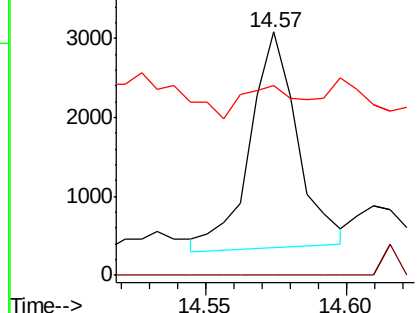
#85
Di-n-octyl phthalate
Concen: 12.668 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 3210
Ion Ratio Lower Upper
149 100
167 0.0 1.4 2.0#
43 17.7 7.5 11.3#

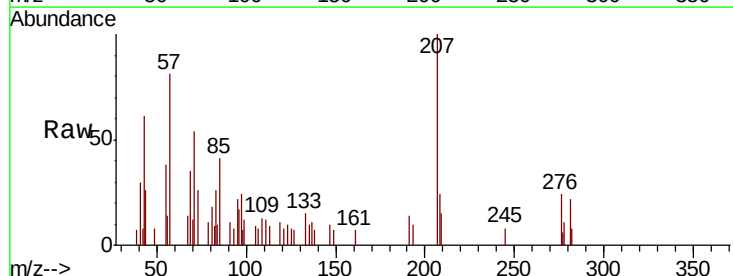


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

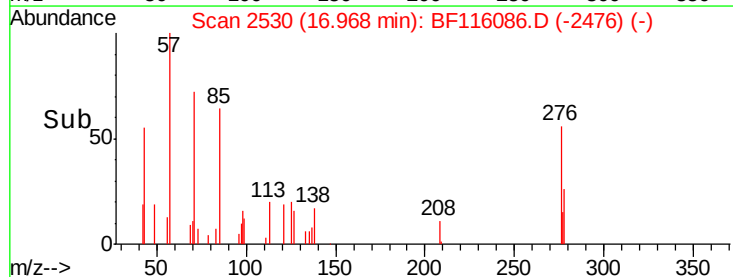
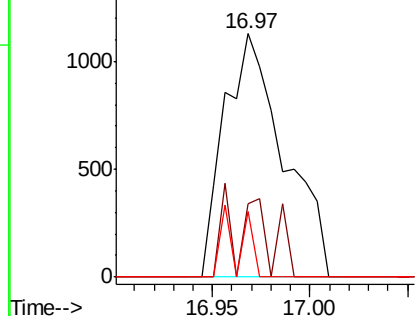


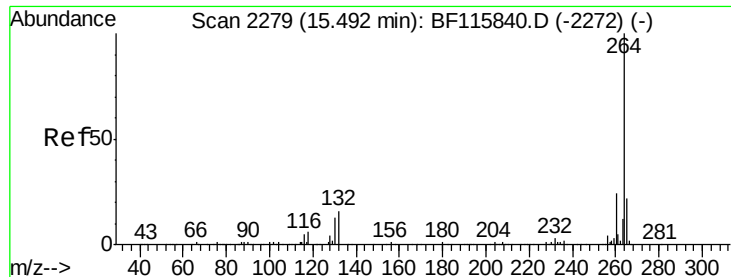
#86
Indeno(1,2,3-cd)pyrene
Concen: 11.901 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.02 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Tgt Ion:276 Resp: 2388
Ion Ratio Lower Upper
276 100
138 15.5 20.4 30.6#
277 0.0 20.0 30.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

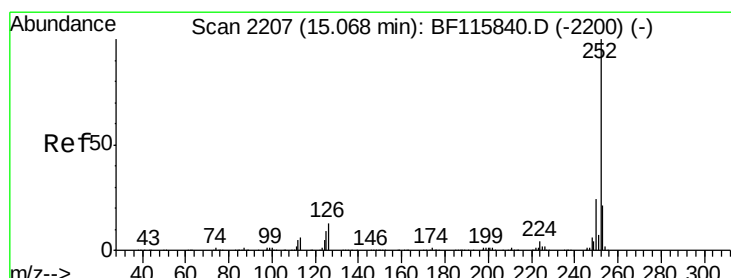
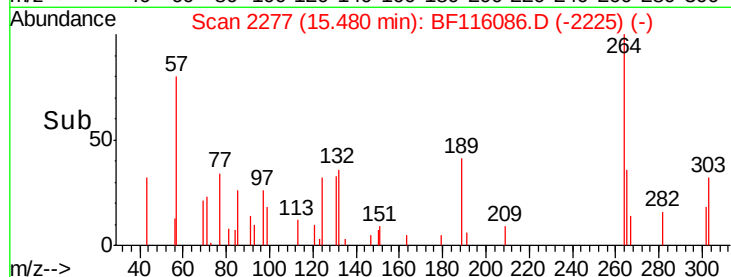
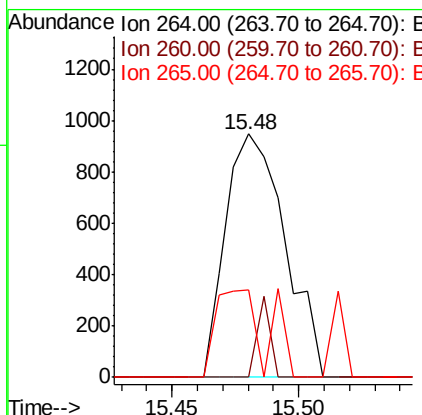
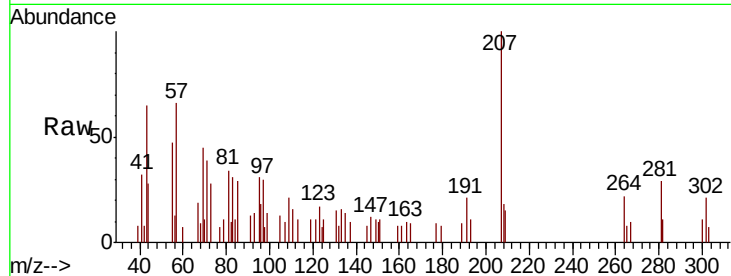




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

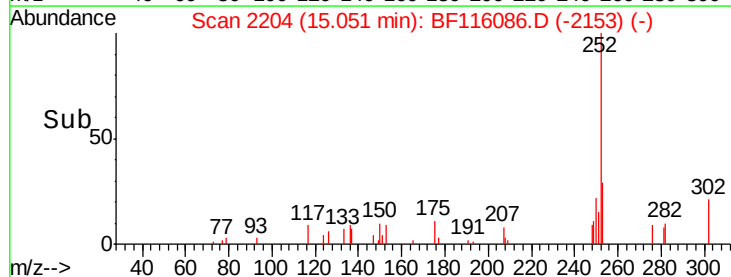
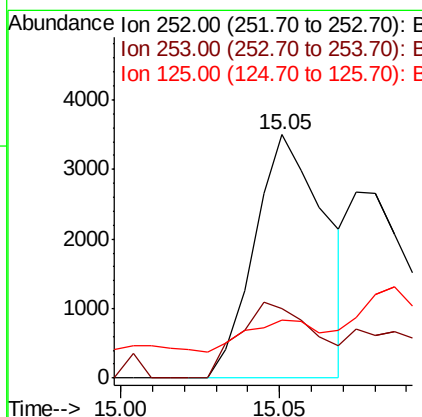
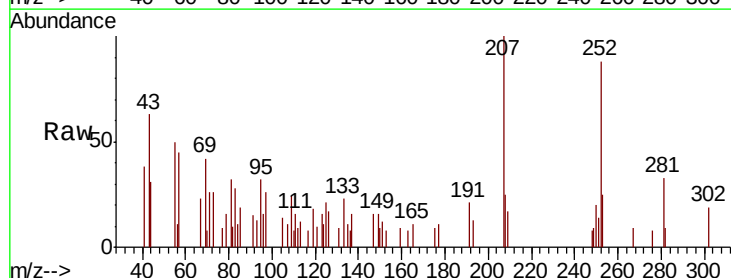
Instrument :
BNA_F
ClientSampleId :

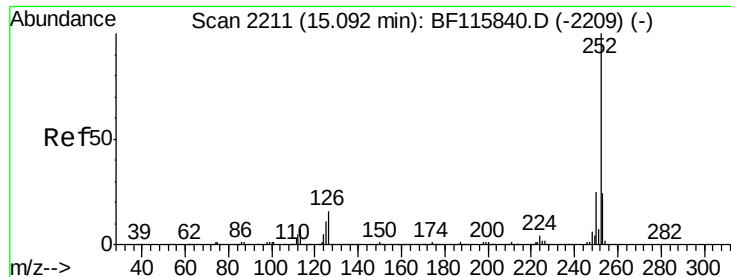
Tot Ion:264 Resp: 1549
Ion Ratio Lower Upper
264 100
260 0.0 19.7 29.5#
265 36.0 17.4 26.0#



#88
Benzo(b)fluoranthene
Concen: 60.615 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Tgt Ion:252 Resp: 5429
Ion Ratio Lower Upper
252 100
253 28.6 17.8 26.8#
125 23.9 8.4 12.6#

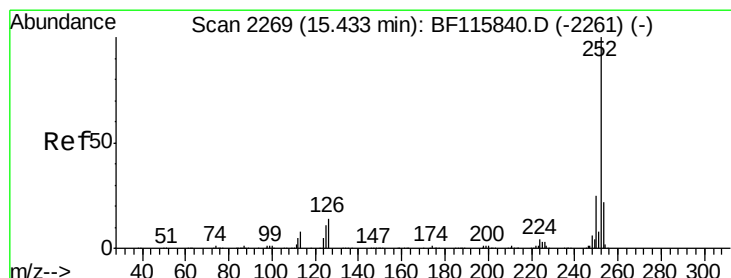
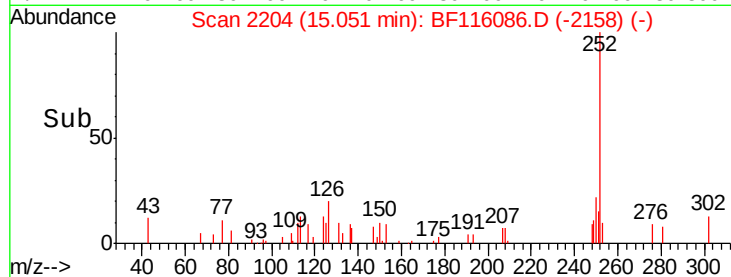
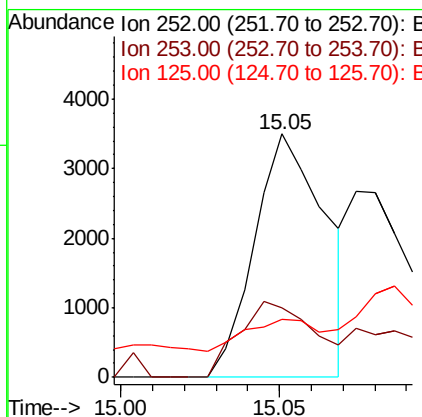
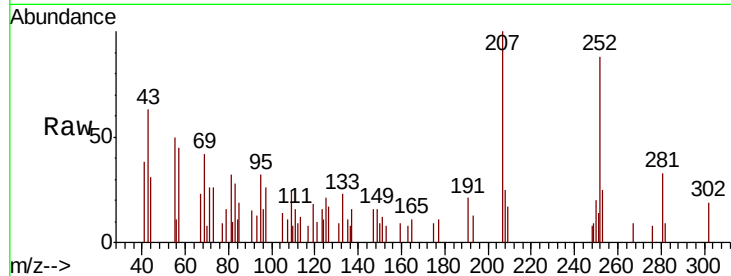




#89
Benzo(k)fluoranthene
Concen: 62.233 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.03 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

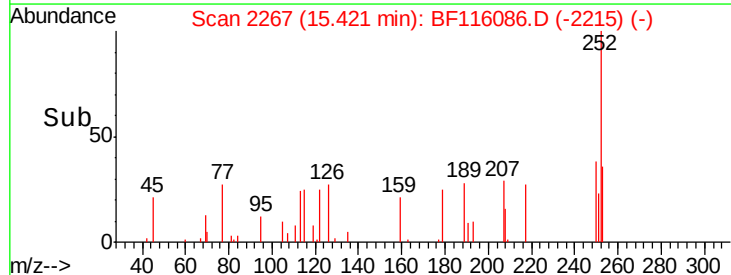
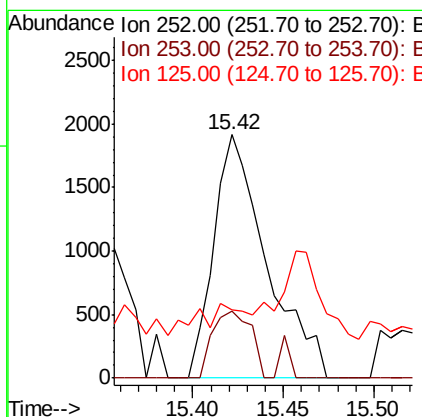
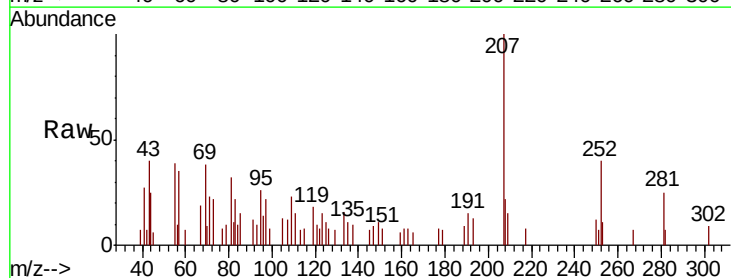
Instrument :
BNA_F
ClientSampleId :

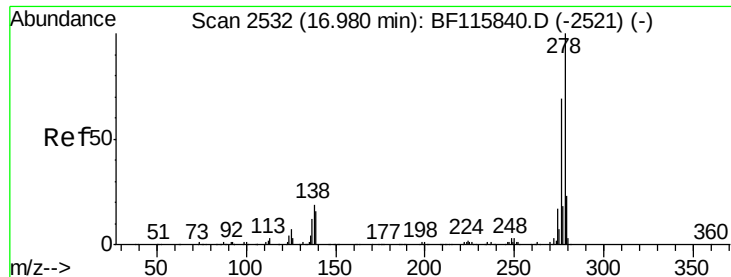
Tot Ion:252 Resp: 5429
Ion Ratio Lower Upper
252 100
253 28.6 17.8 26.8#
125 23.9 7.7 11.5#



#90
Benzo(a)pyrene
Concen: 48.611 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.01 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Tgt Ion:252 Resp: 3892
Ion Ratio Lower Upper
252 100
253 27.4 18.0 27.0#
125 27.9 8.9 13.3#

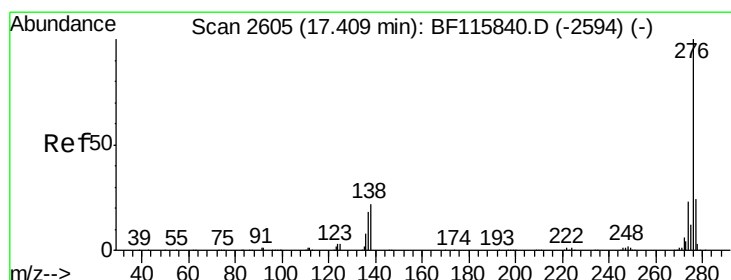
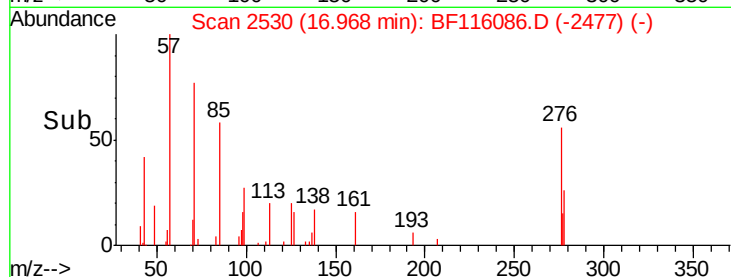
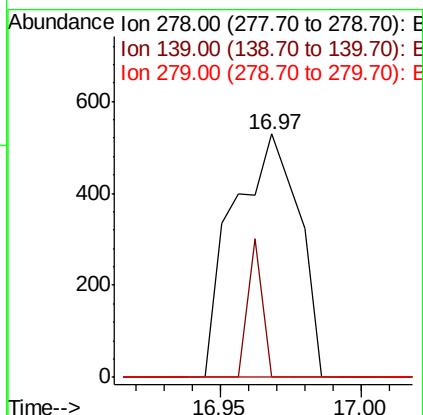
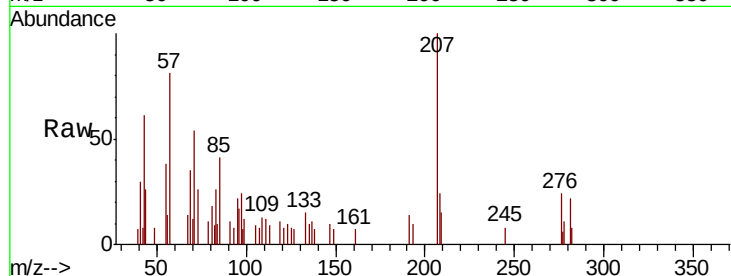




#91
Dibenzo(a,h)anthracene
Concen: 12.279 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.01 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 851
Ion Ratio Lower Upper
278 100
139 0.0 12.8 19.2#
279 0.0 18.8 28.2#



#92
Benzo(g,h,i)perylene
Concen: 36.290 ng
RT: 17.42 min Scan# 2607
Delta R.T. 0.04 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Tgt Ion:276 Resp: 2470
Ion Ratio Lower Upper
276 100
277 0.0 18.4 27.6#
138 38.0 17.0 25.6#

