

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
 Data File : BF114073.D
 Acq On : 1 May 2019 16:59
 Operator : JU/SJ
 Sample : K2617-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 01:01:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	82012	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	319403	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	166849	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	313063	20.00	ng	0.00
76) Chrysene-d12	14.06	240	257753	20.00	ng	0.00
87) Perylene-d12	15.56	264	204092	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	152769	31.86	ng	0.00
7) Phenol-d6	6.52	99	210202	34.94	ng	0.00
23) Nitrobenzene-d5	7.45	82	111332	21.52	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	65177	32.07	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	295866	27.73	ng	0.00
79) Terphenyl-d14	13.00	244	335199	26.66	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.66	93	107	0.013	ng	# 1
9) Benzaldehyde	6.66	77	3617	Below Cal		85
10) Phenol	6.53	94	2415	0.336	ng	# 30
11) bis(2-Chloroethyl)ether	6.66	93	107	0.020	ng	# 1
15) Benzyl Alcohol	7.05	79	2117	0.522	ng	# 39
19) n-Nitroso-di-n-propylamine	7.45	70	14169	3.637	ng	# 74
24) Nitrobenzene	7.45	77	136	0.024	ng	# 39
25) Isophorone	7.45	82	111331	10.518	ng	# 65
31) Naphthalene	8.20	128	141	0.009	ng	# 68
46) 1,1'-Biphenyl	9.36	154	307	0.024	ng	# 42
48) 2-Nitroaniline	9.65	65	680	0.250	ng	# 1
49) Acenaphthylene	9.80	152	1977	0.122	ng	# 75
50) Dimethylphthalate	9.65	163	28360	2.350	ng	# 98
51) 2,6-Dinitrotoluene	9.76	165	973	0.376	ng	# 31
52) Acenaphthene	9.97	154	515	0.054	ng	# 66
53) 3-Nitroaniline	9.89	138	233	0.086	ng	# 1
55) Dibenzofuran	10.15	168	422	0.029	ng	# 56
56) 4-Nitrophenol	10.03	139	508	0.236	ng	# 1
57) 2,4-Dinitrotoluene	9.93	165	21212	6.492	ng	# 29
58) Fluorene	10.48	166	977	0.090	ng	# 17
60) Diethylphthalate	10.34	149	1529	0.133	ng	# 45
61) 4-Chlorophenyl-phenylether	10.50	204	219	0.038	ng	# 1
62) 4-Nitroaniline	10.47	138	539	0.203	ng	# 48
63) Azobenzene	10.64	77	803	0.072	ng	# 62
66) n-Nitrosodiphenylamine	10.58	169	109	0.012	ng	# 1
67) 4-Bromophenyl-phenylether	10.97	248	242	0.064	ng	# 1
69) Atrazine	11.12	200	392	0.128	ng	# 1
71) Phenanthrene	11.44	178	9282	0.590	ng	# 87
72) Anthracene	11.50	178	2911	0.183	ng	# 52
73) Carbazole	11.65	167	2156	0.152	ng	# 1
74) Di-n-butylphthalate	11.97	149	1914	0.115	ng	# 32
75) Fluoranthene	12.64	202	21816	1.271	ng	# 93
77) Benzidine	12.76	184	224	0.029	ng	# 1
78) Pyrene	12.87	202	19504	1.082	ng	# 96

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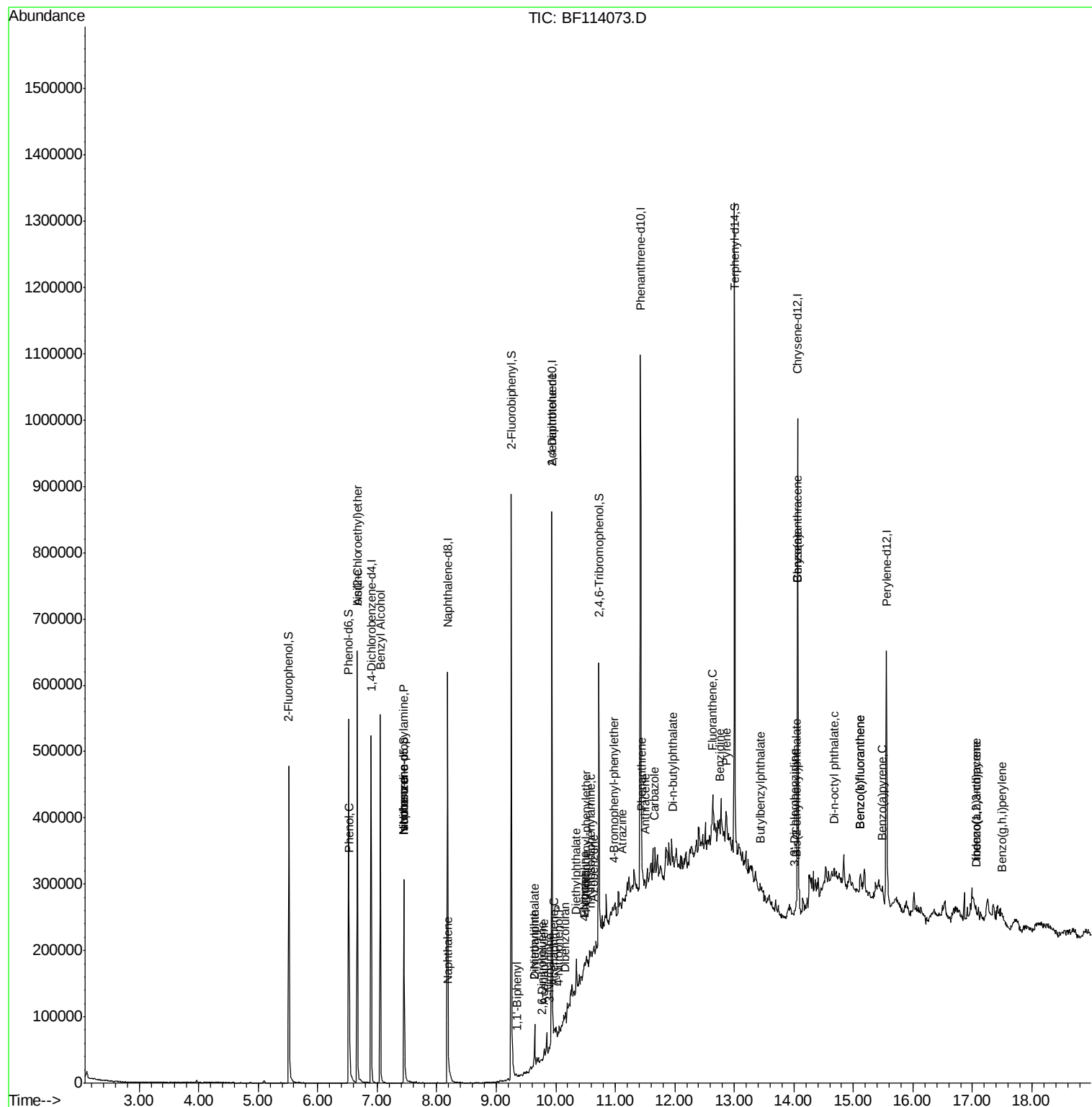
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Butylbenzylphthalate	13.44	149	1291	0.182	ng	# 73
81) Benzo(a)anthracene	14.05	228	11486	0.756	ng	# 93
82) 3,3'-Dichlorobenzidine	14.02	252	1041	0.187	ng	# 1
83) Chrysene	14.05	228	11486	0.777	ng	# 97
84) Bis(2-ethylhexyl)phthalate	14.03	149	3224	0.357	ng	# 81
85) Di-n-octyl phthalate	14.67	149	504	0.036	ng	# 1
86) Indeno(1,2,3-cd)pyrene	17.06	276	6286	0.449	ng	# 92
88) Benzo(b)fluoranthene	15.12	252	20570	1.593	ng	# 71
89) Benzo(k)fluoranthene	15.12	252	20570	1.852	ng	# 72
90) Benzo(a)pyrene	15.49	252	8865	0.794	ng	# 67
91) Dibenzo(a,h)anthracene	17.07	278	2884	0.275	ng	# 1
92) Benzo(a,h,i)perylene	17.51	276	6161	0.582	ng	# 70

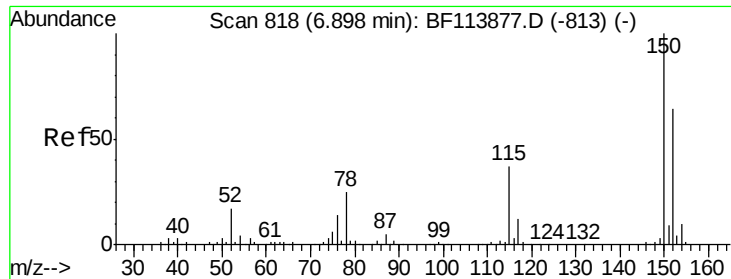
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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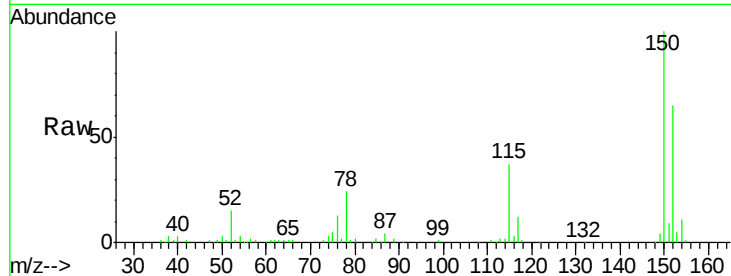


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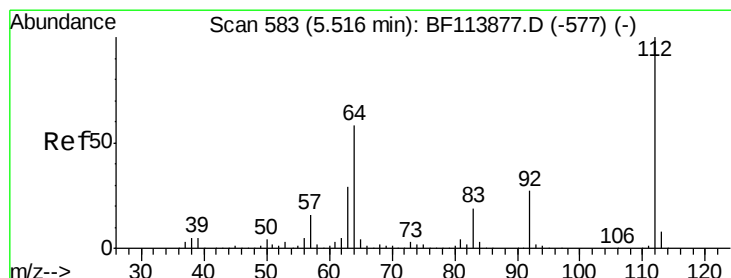
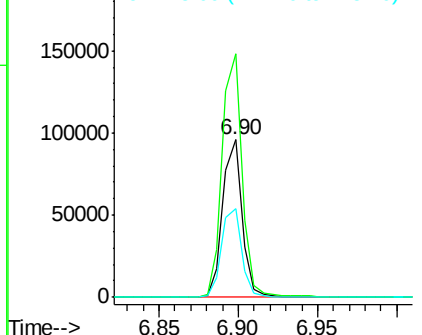
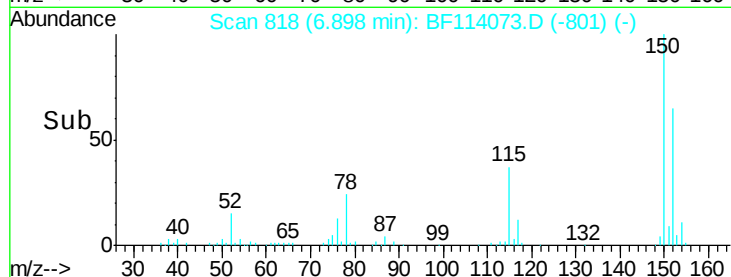
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF114073.D
Acq: 1 May 2019 16:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 82012
Ion Ratio Lower Upper
152 100
150 154.8 125.9 188.9
115 56.7 45.9 68.9



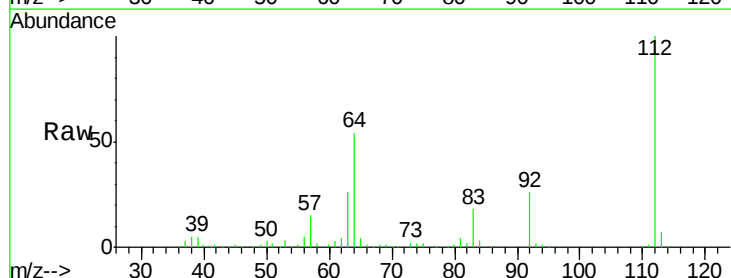
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



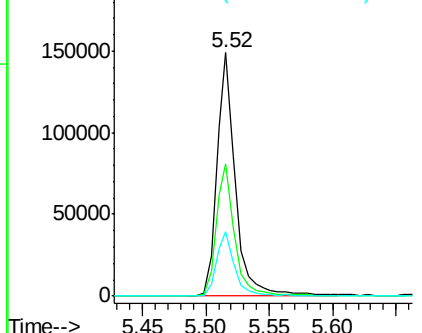
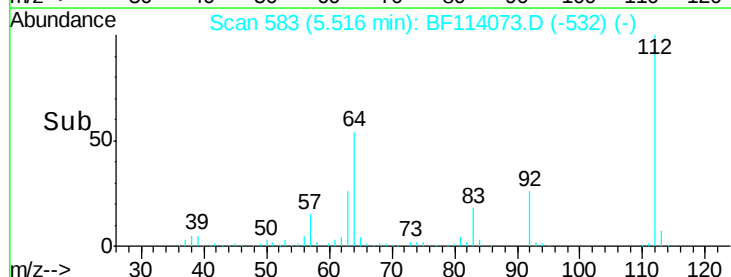
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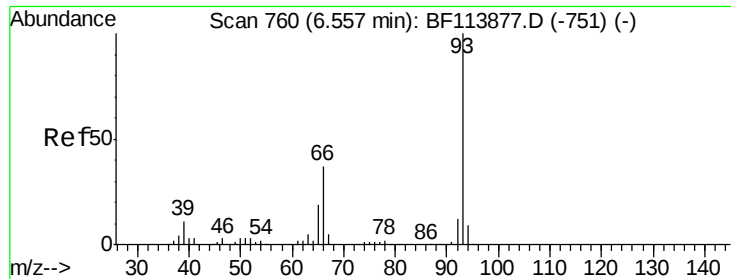
2-Fluorophenol
Concen: 31.860 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF114073.D
Acq: 1 May 2019 16:59

Tgt Ion:112 Resp: 152769
Ion Ratio Lower Upper
112 100
64 54.4 46.6 69.8
63 26.4 23.1 34.7



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: 0.013 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.11 min

Lab File: BF114073.D

Acq: 1 May 2019 16:59

Instrument :

BNA_F

ClientSampleId :

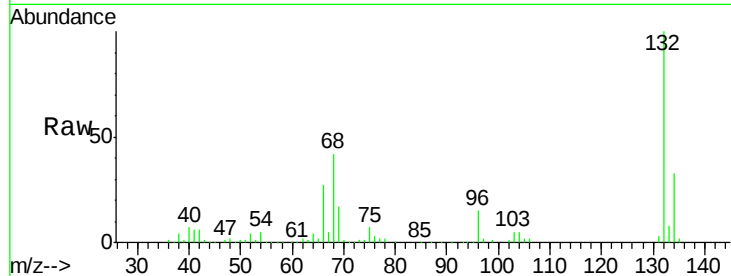
Tot Ion: 93 Resp: 107

Ion Ratio Lower Upper

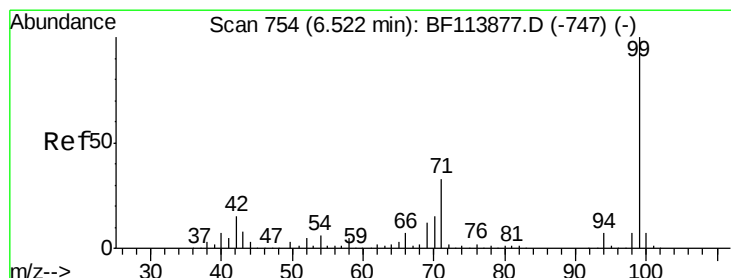
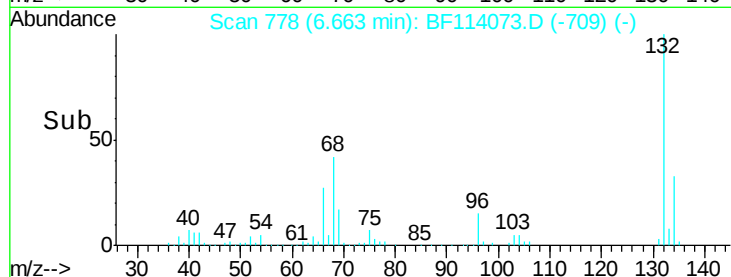
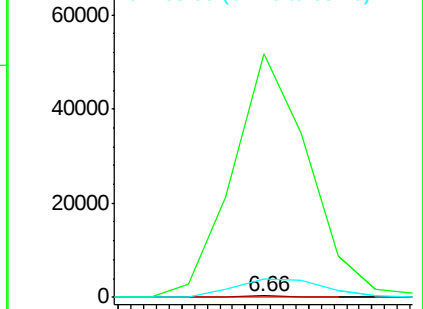
93 100

66 17013.2 29.8 44.6#

65 1293.8 14.9 22.3#



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: 34.941 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF114073.D

Acq: 1 May 2019 16:59

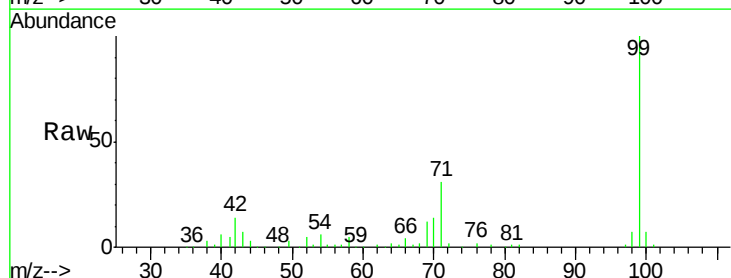
Tgt Ion: 99 Resp: 210202

Ion Ratio Lower Upper

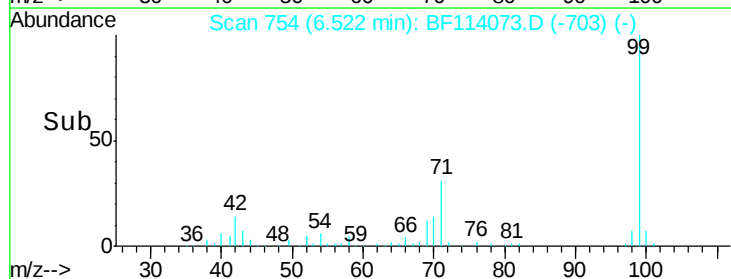
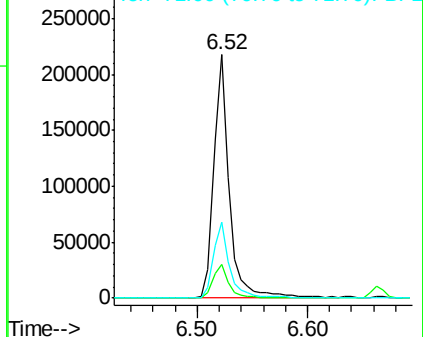
99 100

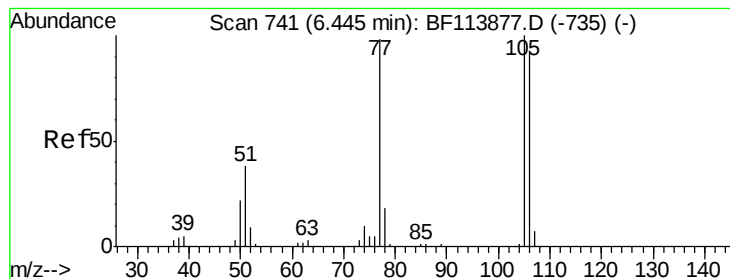
42 13.9 12.5 18.7

71 31.2 26.9 40.3



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: Below Cal

RT: 6.66 min Scan# 778

Delta R.T. 0.22 min

Lab File: BF114073.D

Acq: 1 May 2019 16:59

Instrument :

BNA_F

ClientSampleId :

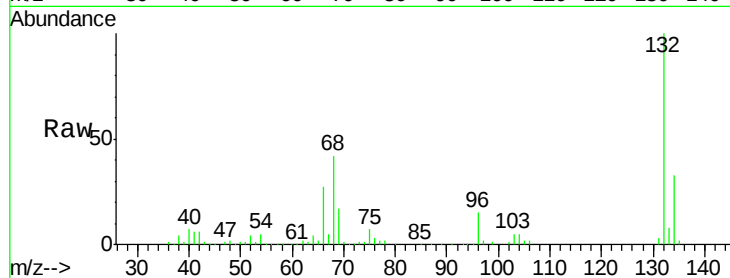
Tot Ion: 77 Resp: 3617

Ion Ratio Lower Upper

77 100

105 79.8 74.1 114.1

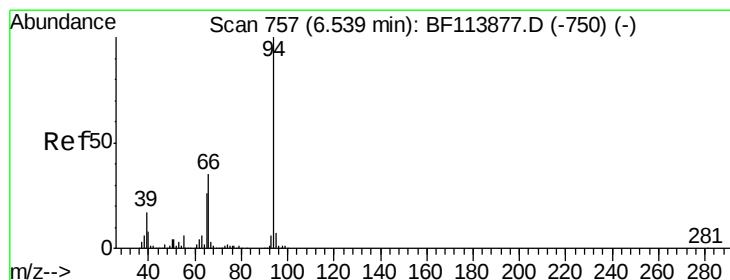
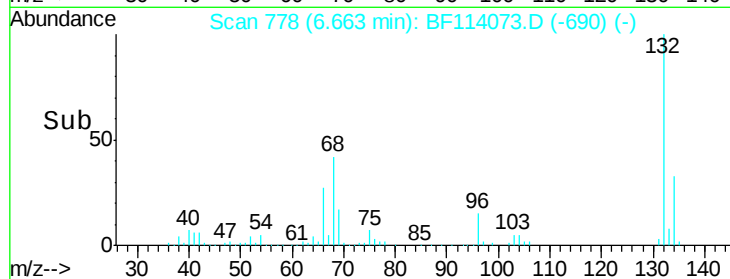
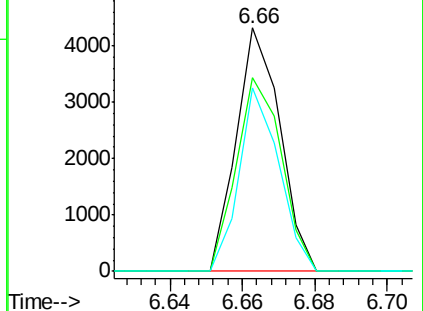
106 75.2 70.3 110.3



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: 0.336 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF114073.D

Acq: 1 May 2019 16:59

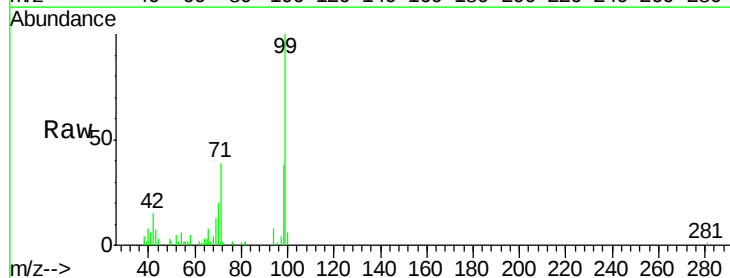
Tgt Ion: 94 Resp: 2415

Ion Ratio Lower Upper

94 100

65 41.3 8.1 48.1

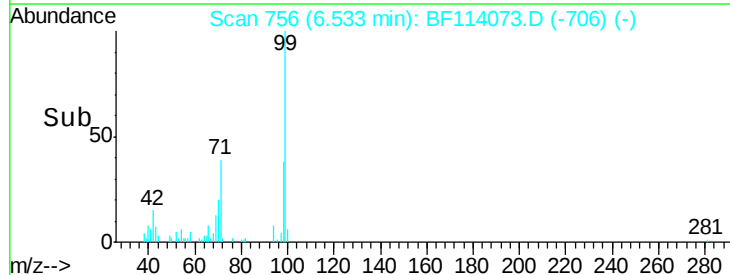
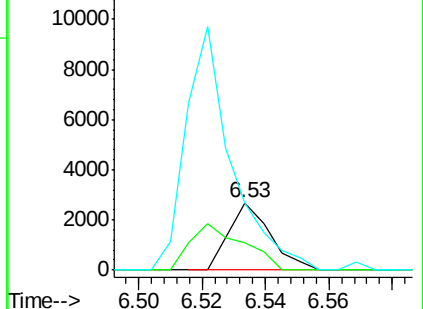
66 98.3 16.6 56.6#

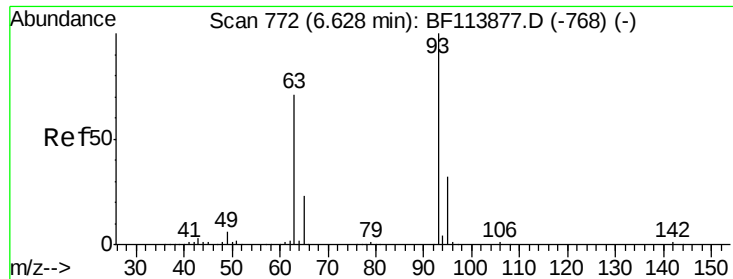


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

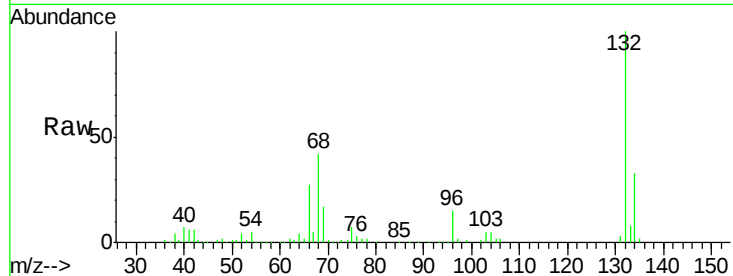




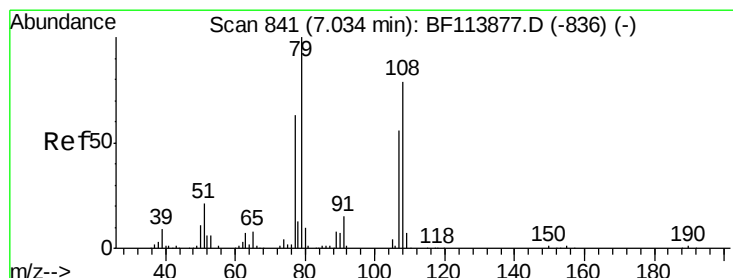
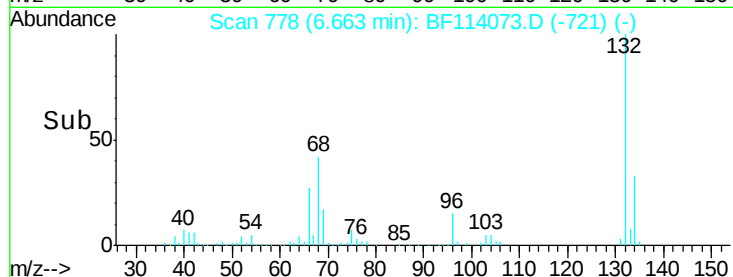
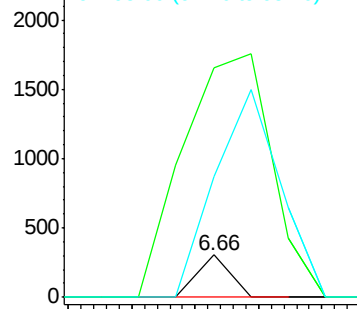
#11
bis(2-Chloroethyl)ether
Concen: 0.020 ng
RT: 6.66 min Scan# 778
Delta R.T. 0.04 min
Lab File: BF114073.D
Acq: 1 May 2019 16:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 107
Ion Ratio Lower Upper
93 100
63 543.1 50.7 90.7#
95 286.5 12.3 52.3#

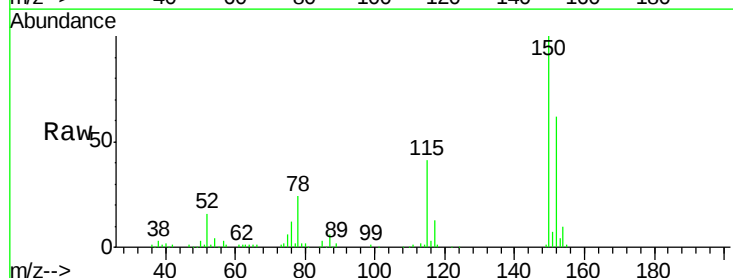


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

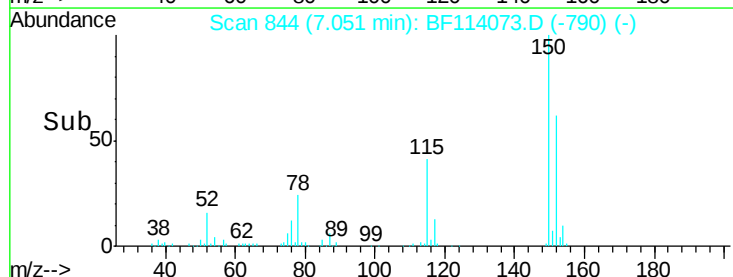
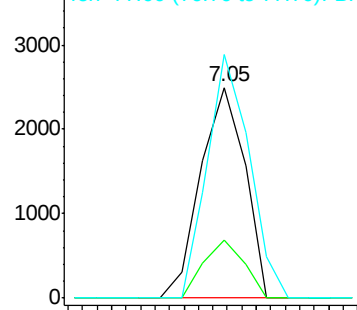


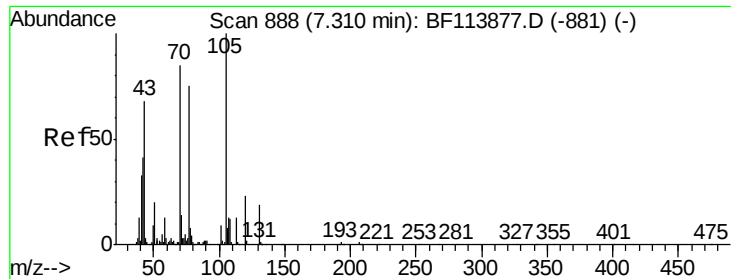
#15
Benzyl Alcohol
Concen: 0.522 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.02 min
Lab File: BF114073.D
Acq: 1 May 2019 16:59

Tgt Ion: 79 Resp: 2117
Ion Ratio Lower Upper
79 100
108 27.4 61.4 92.0#
77 115.5 51.6 77.4#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

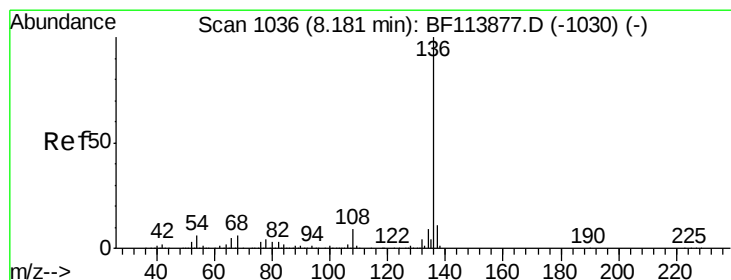
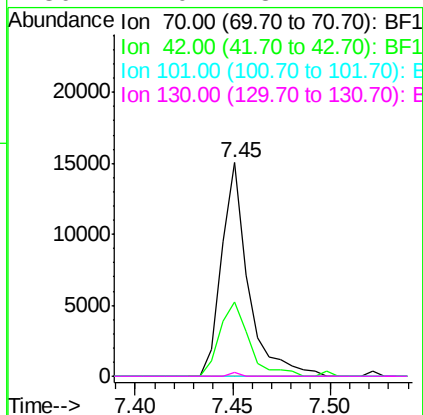
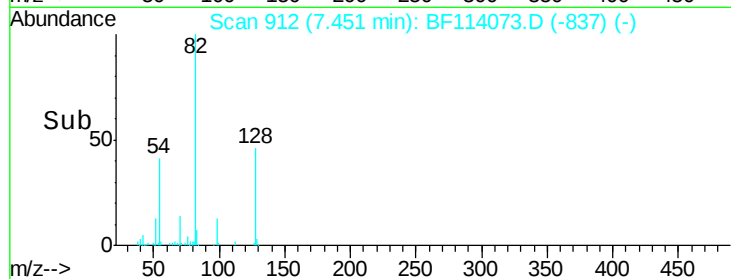
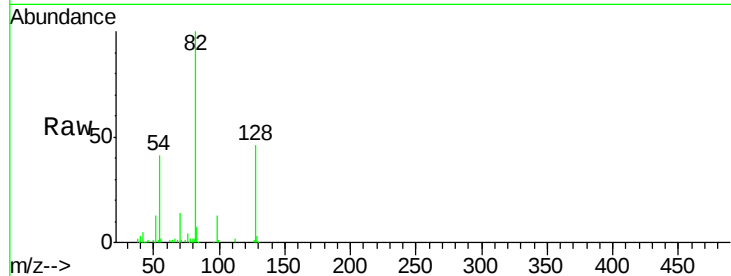




#19
n-Nitroso-di-n-propylamine
Concen: 3.637 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF114073.D
Acq: 1 May 2019 16:59

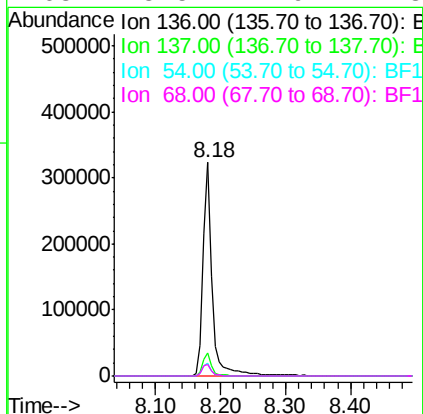
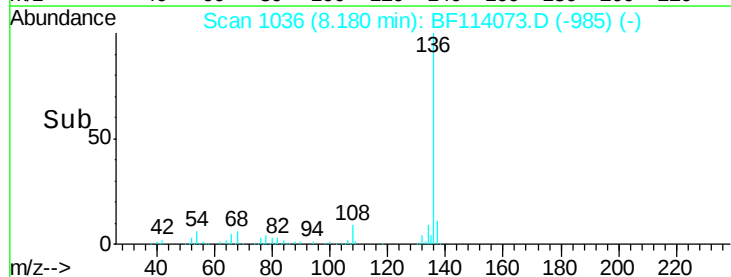
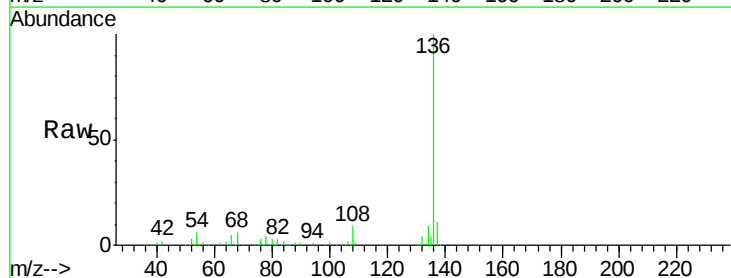
Instrument :
BNA_F
ClientSampleId :

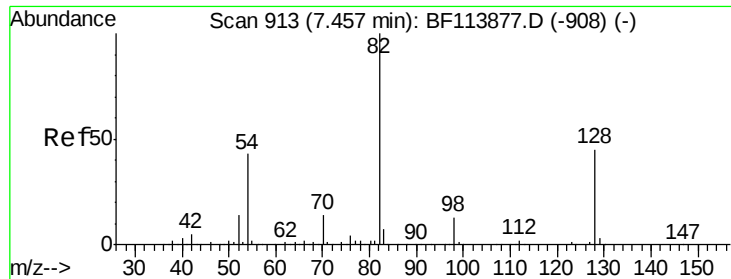
Tot Ion: 70 Resp: 14169
Ion Ratio Lower Upper
70 100
42 34.9 37.3 55.9#
101 0.0 7.8 11.8#
130 2.0 18.2 27.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF114073.D
Acq: 1 May 2019 16:59

Tgt Ion: 136 Resp: 319403
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 6.1 5.0 7.6
68 5.5 4.9 7.3

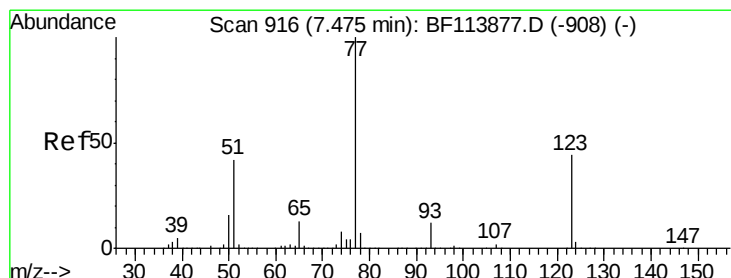
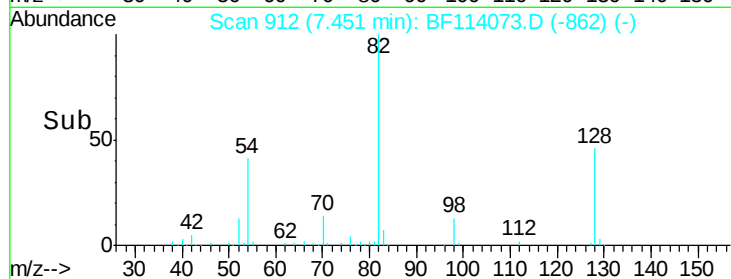
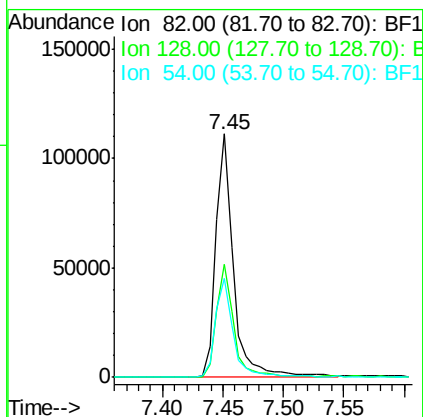
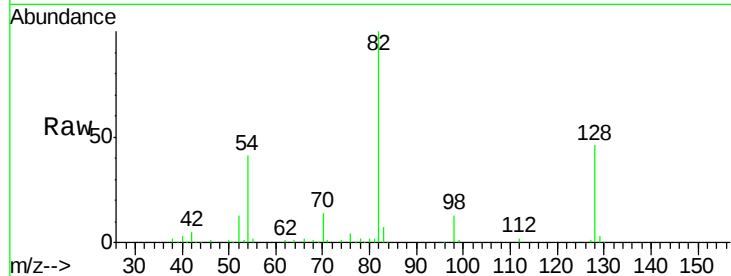




#23
Nitrobenzene-d5
Concen: 21.522 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF114073.D
Acq: 1 May 2019 16:59

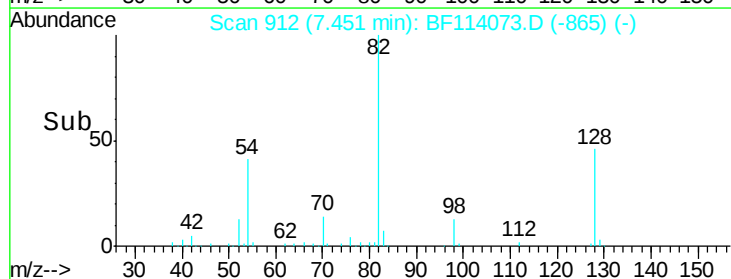
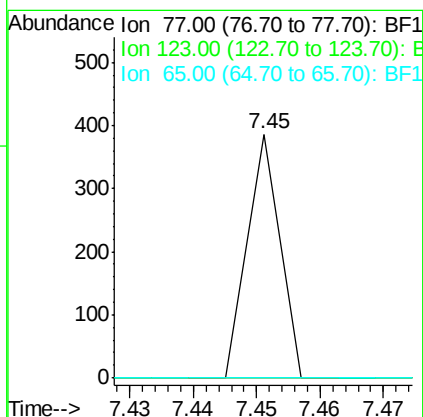
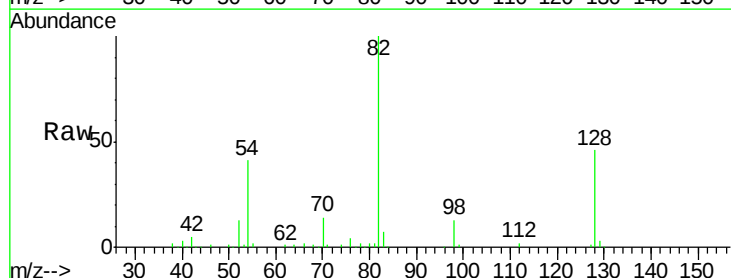
Instrument :
BNA_F
ClientSampled :

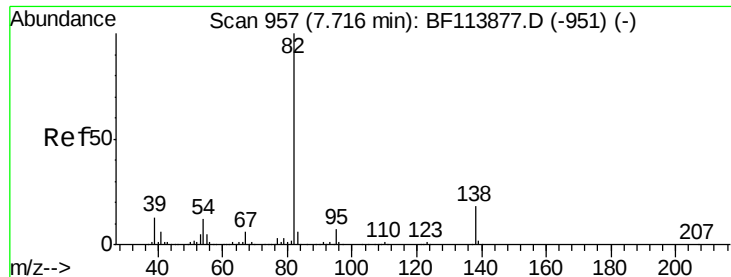
Tot Ion: 82 Resp: 111332
Ion Ratio Lower Upper
82 100
128 46.4 36.8 55.2
54 40.8 33.8 50.6



#24
Nitrobenzene
Concen: 0.024 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF114073.D
Acq: 1 May 2019 16:59

Tgt Ion: 77 Resp: 136
Ion Ratio Lower Upper
77 100
123 0.0 36.3 54.5#
65 0.0 10.3 15.5#





#25

Isophorone

Concen: 10.518 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.26 min

Lab File: BF114073.D

Acq: 1 May 2019 16:59

Instrument :

BNA_F

ClientSampleId :

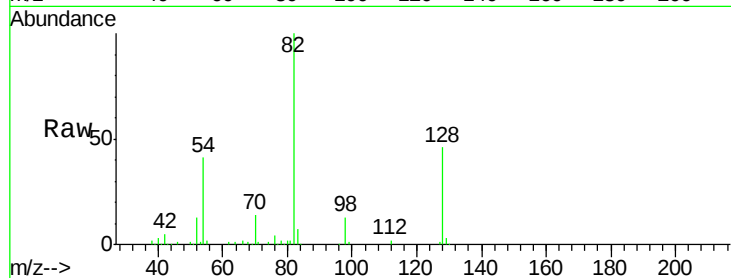
Tot Ion: 82 Resp: 111331

Ion Ratio Lower Upper

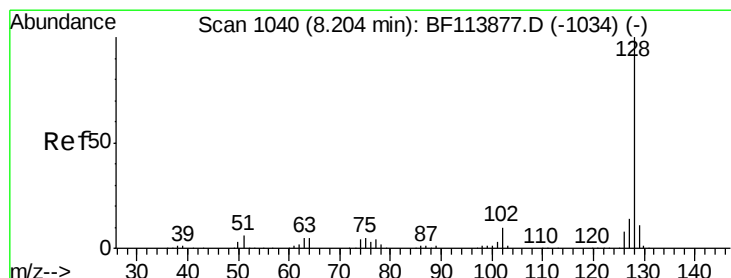
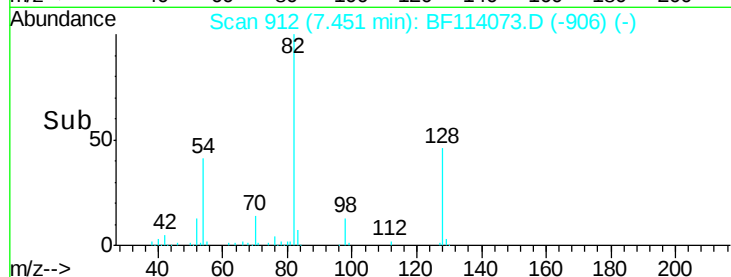
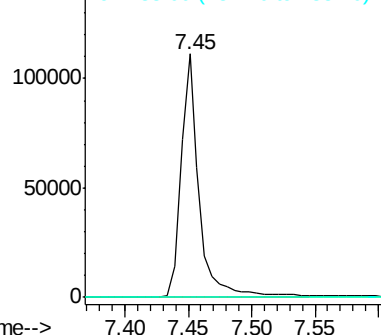
82 100

95 0.0 5.4 8.2#

138 0.0 14.6 22.0#



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



#31

Naphthalene

Concen: 0.009 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF114073.D

Acq: 1 May 2019 16:59

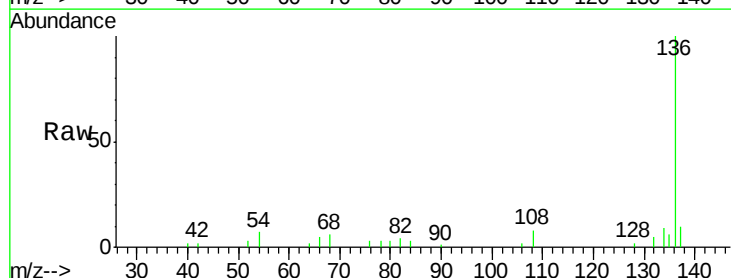
Tgt Ion: 128 Resp: 141

Ion Ratio Lower Upper

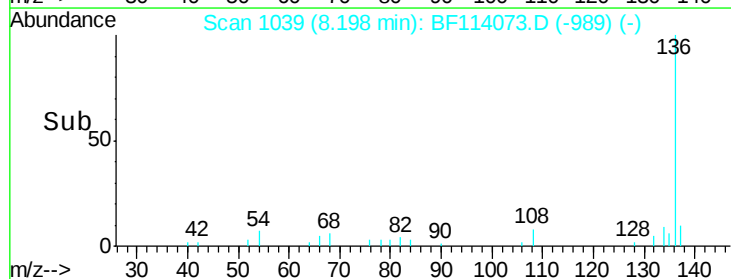
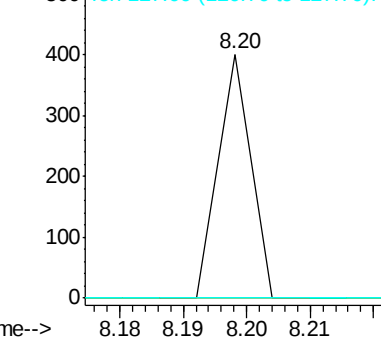
128 100

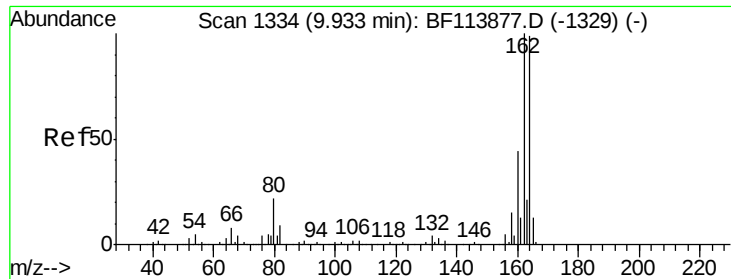
129 0.0 9.4 14.0#

127 0.0 10.8 16.2#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

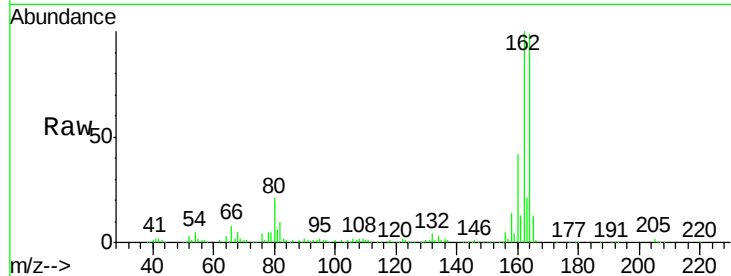




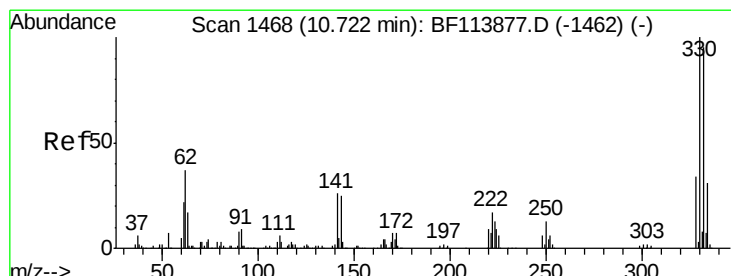
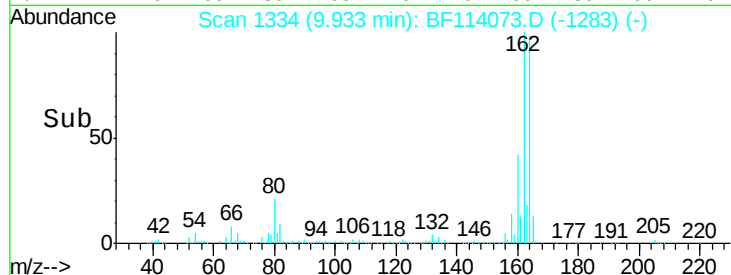
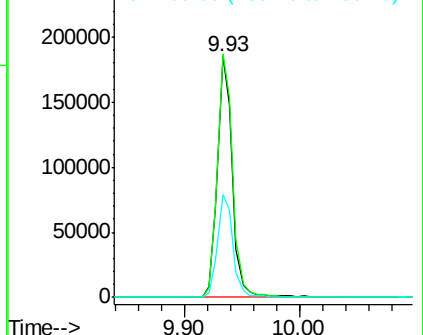
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF114073.D
 Acq: 1 May 2019 16:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 166849
 Ion Ratio Lower Upper
 164 100
 162 101.1 81.1 121.7
 160 42.6 35.8 53.6

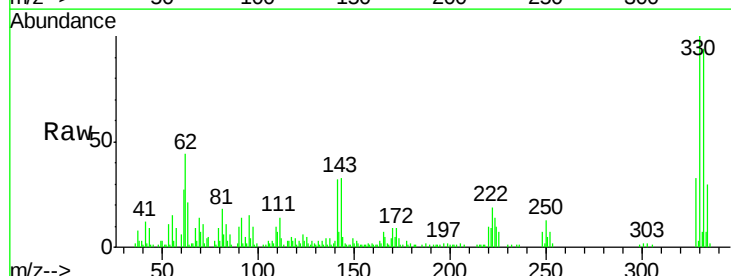


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

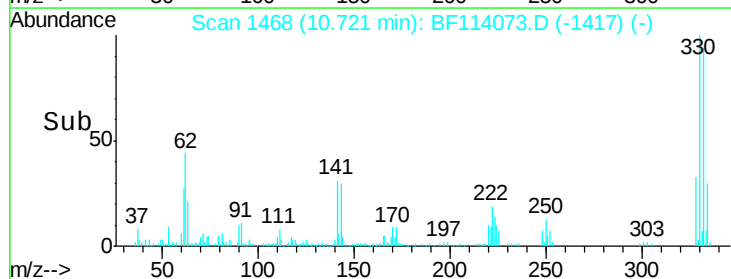
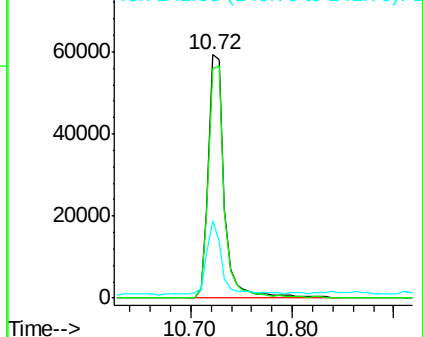


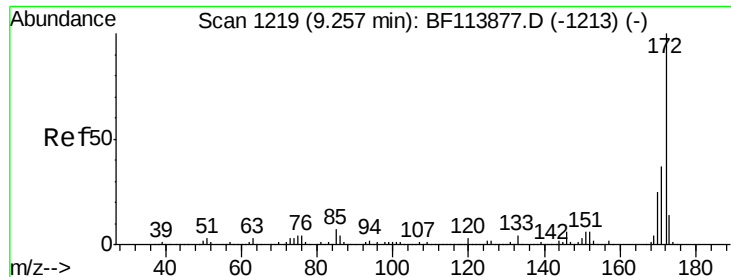
#42
 2,4,6-Tribromophenol
 Concen: 32.066 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: BF114073.D
 Acq: 1 May 2019 16:59

Tgt Ion:330 Resp: 65177
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.5 116.3
 141 27.5 22.2 33.2



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

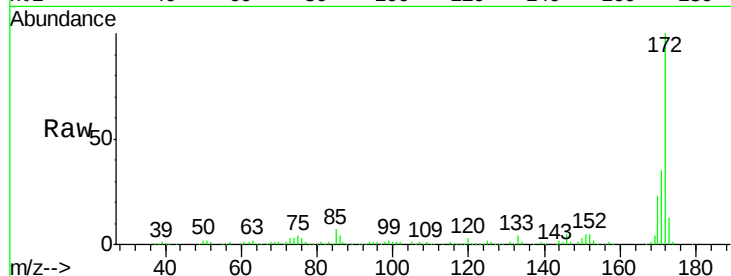




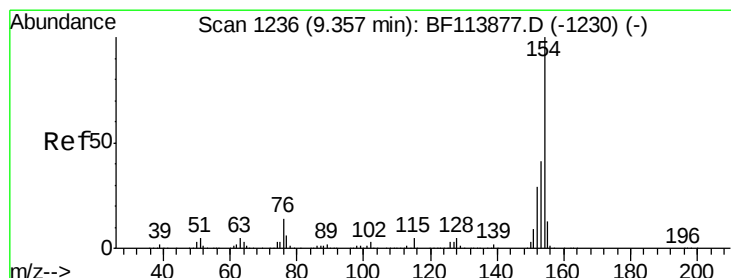
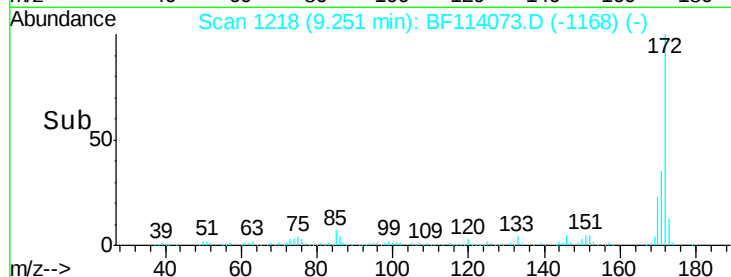
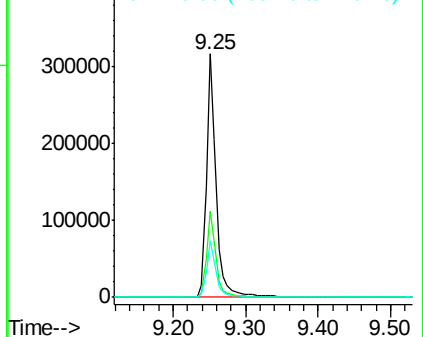
#45
2-Fluorobiphenyl
Concen: 27.734 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF114073.D
Acq: 1 May 2019 16:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 295866
Ion Ratio Lower Upper
172 100
171 35.5 29.4 44.0
170 23.5 19.9 29.9

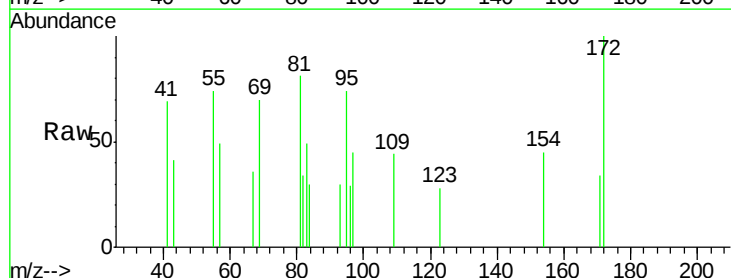


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

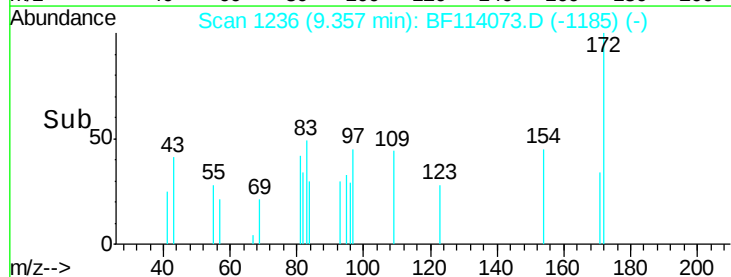
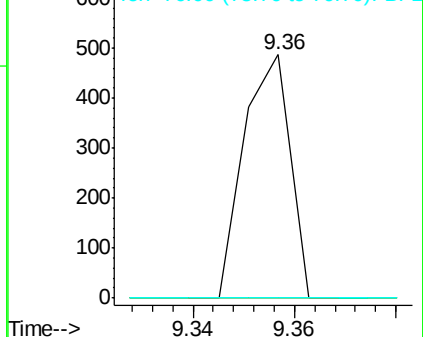


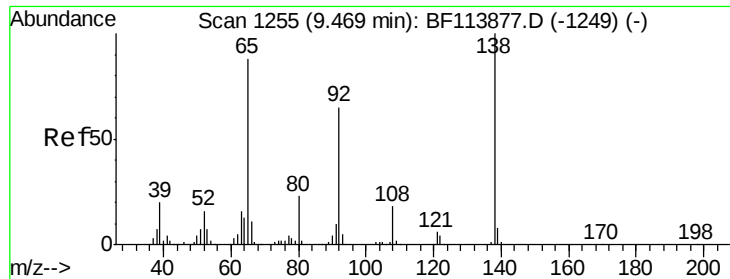
#46
1,1'-Biphenyl
Concen: 0.024 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BF114073.D
Acq: 1 May 2019 16:59

Tgt Ion:154 Resp: 307
Ion Ratio Lower Upper
154 100
153 0.0 20.8 60.8#
76 0.0 0.0 35.2



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

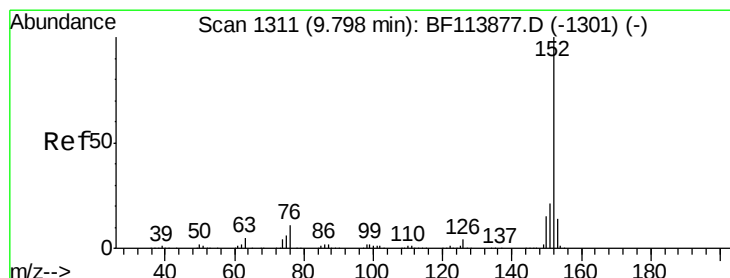
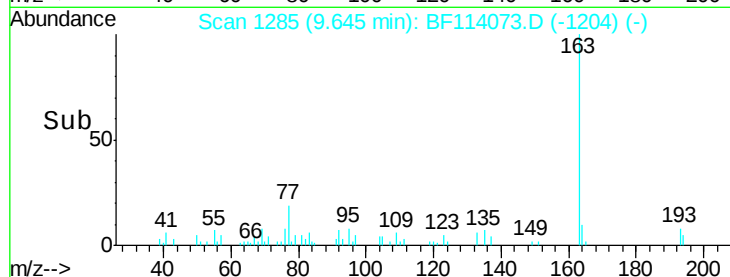
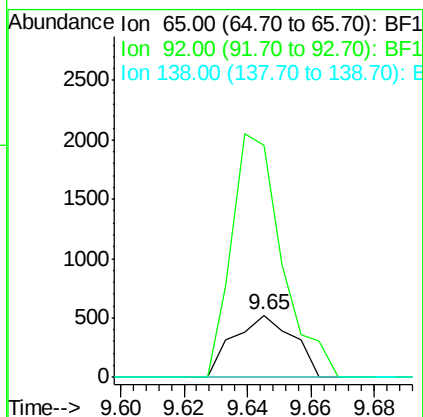
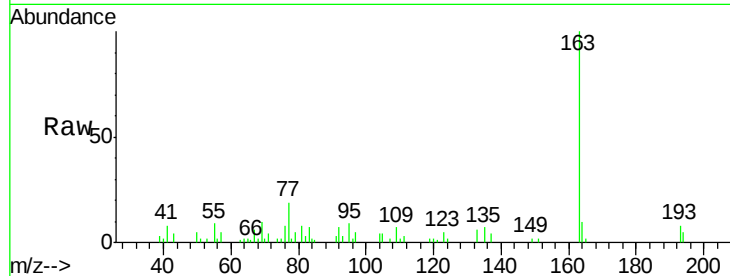




#48
2-Nitroaniline
Concen: 0.250 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.18 min
Lab File: BF114073.D
Acq: 1 May 2019 16:59

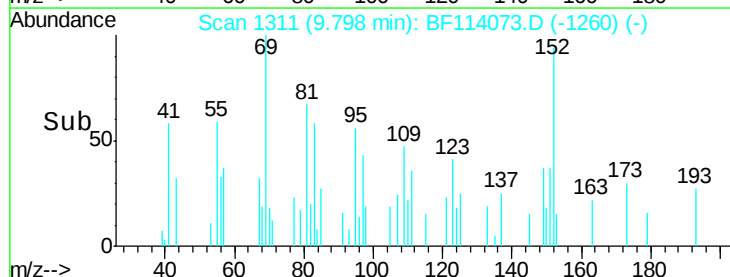
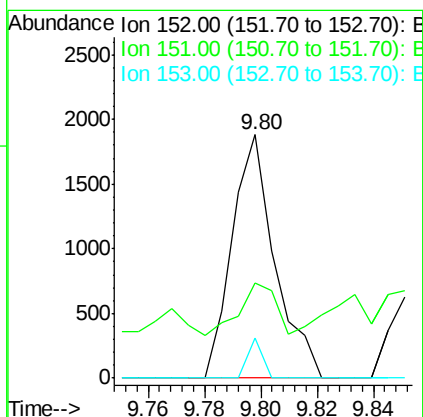
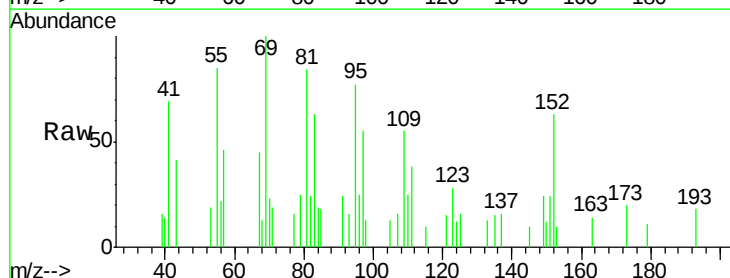
Instrument :
BNA_F
ClientSampled :

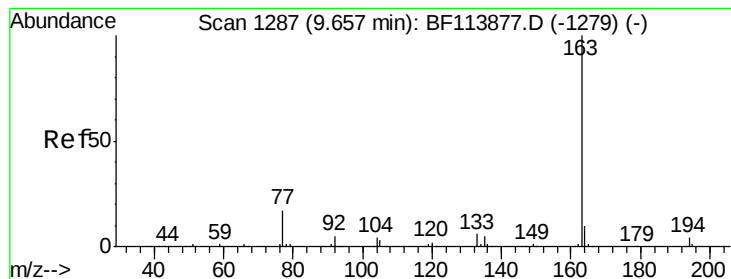
Tot Ion: 65 Resp: 680
Ion Ratio Lower Upper
65 100
92 374.8 57.4 86.0#
138 0.0 85.4 128.0#



#49
Acenaphthylene
Concen: 0.122 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF114073.D
Acq: 1 May 2019 16:59

Tgt Ion: 152 Resp: 1977
Ion Ratio Lower Upper
152 100
151 38.9 17.0 25.4#
153 16.4 11.0 16.6





#50

Dimethylphthalate

Concen: 2.350 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF114073.D

Acq: 1 May 2019 16:59

Instrument :

BNA_F

ClientSampleId :

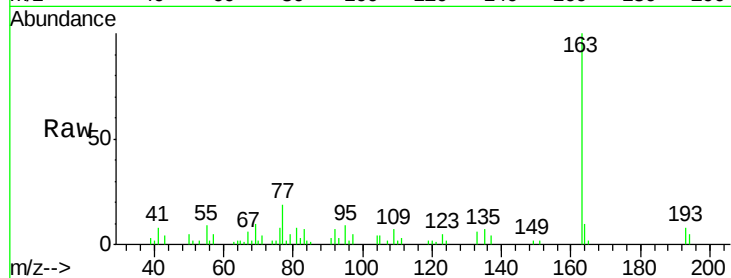
Tot Ion:163 Resp: 28360

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

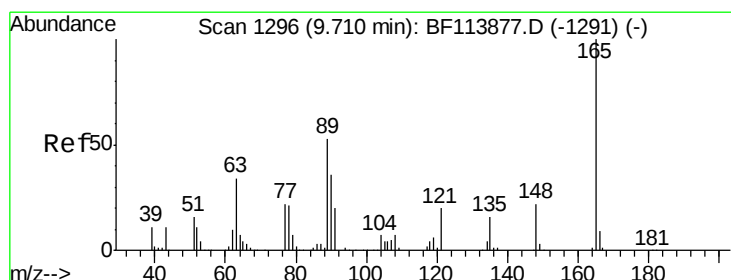
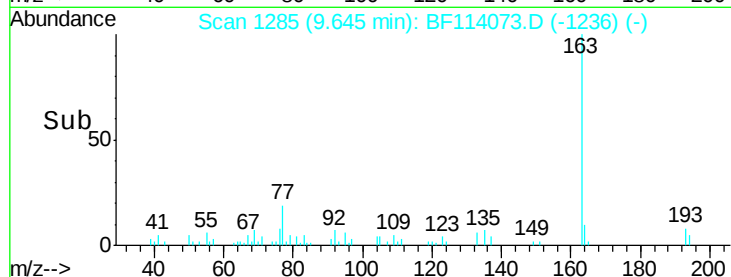
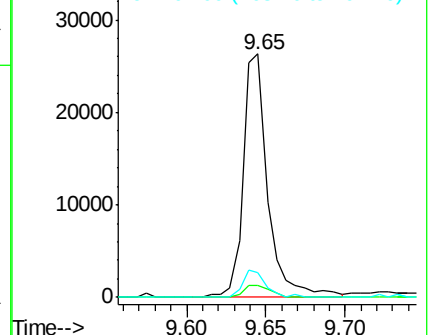
164 10.0 8.5 12.7



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: 0.376 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.05 min

Lab File: BF114073.D

Acq: 1 May 2019 16:59

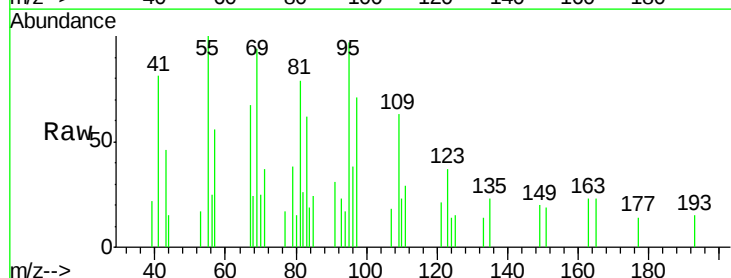
Tgt Ion:165 Resp: 973

Ion Ratio Lower Upper

165 100

63 0.0 33.8 50.8#

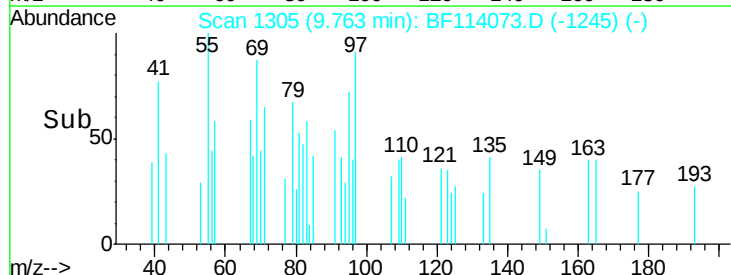
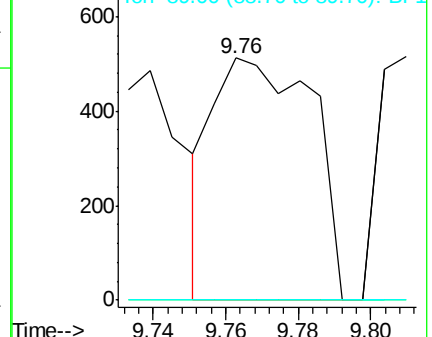
89 0.0 38.2 57.2#

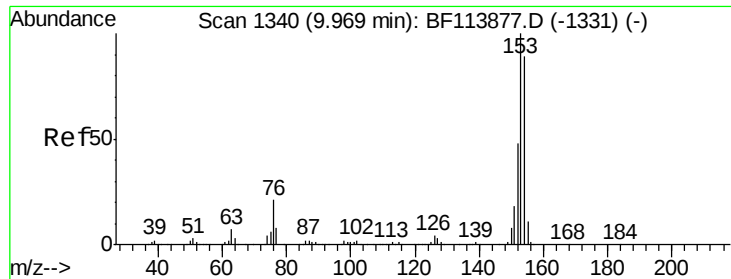


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 0.054 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF114073.D

Acq: 1 May 2019 16:59

Instrument :

BNA_F

ClientSampleId :

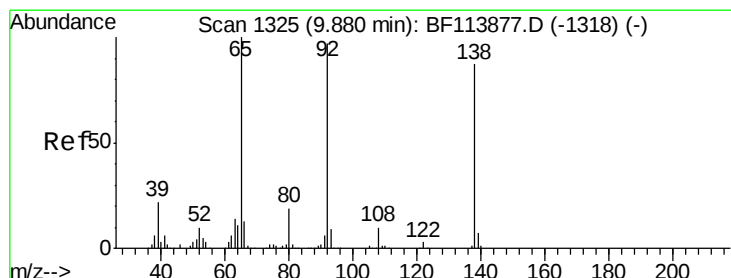
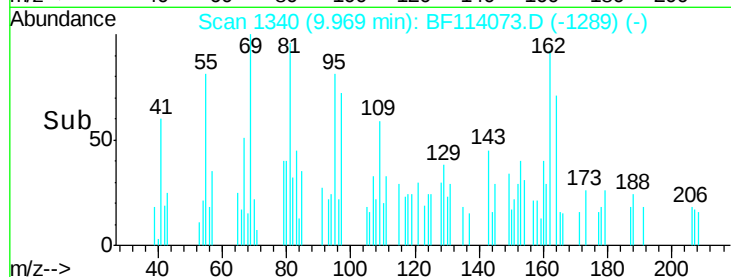
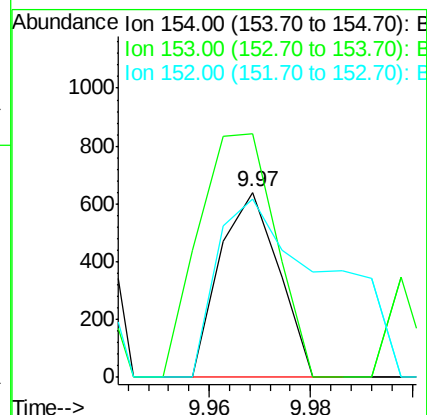
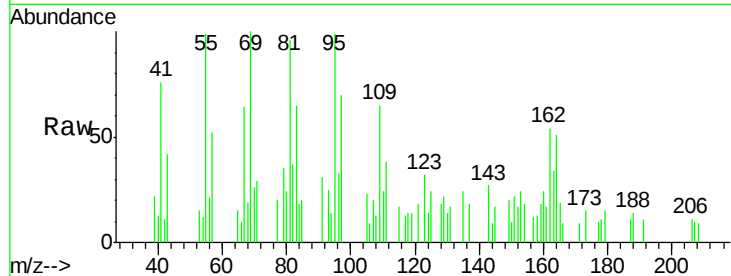
Tot Ion:154 Resp: 515

Ion Ratio Lower Upper

154 100

153 131.4 87.2 130.8#

152 96.4 42.3 63.5#



#53

3-Nitroaniline

Concen: 0.086 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF114073.D

Acq: 1 May 2019 16:59

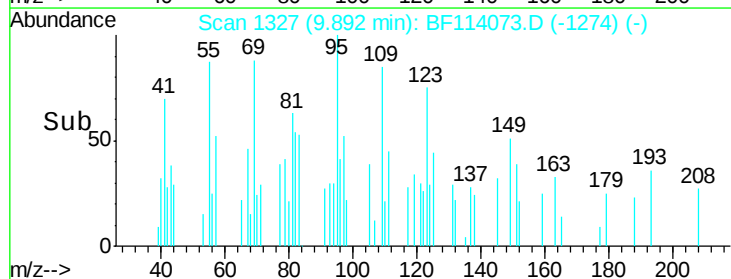
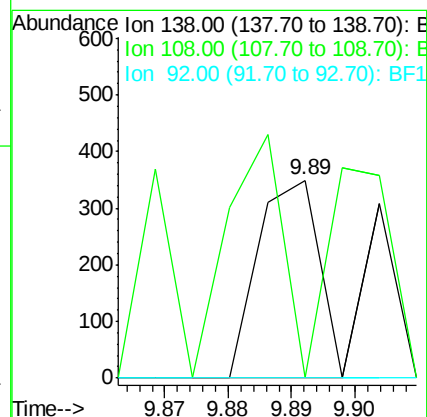
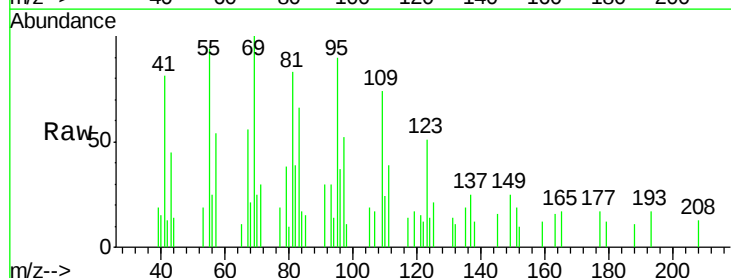
Tgt Ion:138 Resp: 233

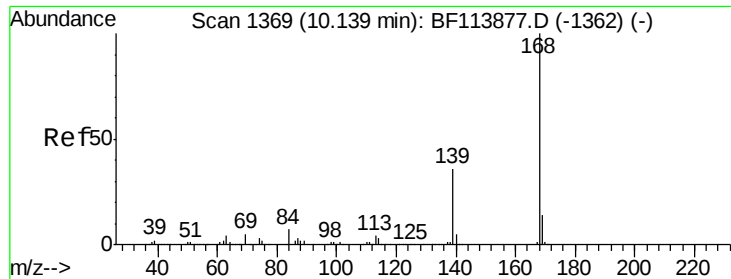
Ion Ratio Lower Upper

138 100

108 0.0 9.4 14.2#

92 0.0 94.1 141.1#





#55

Dibenzofuran

Concen: 0.029 ng

RT: 10.15 min Scan# 1370

Delta R.T. 0.01 min

Lab File: BF114073.D

Acq: 1 May 2019 16:59

Instrument :

BNA_F

ClientSampled :

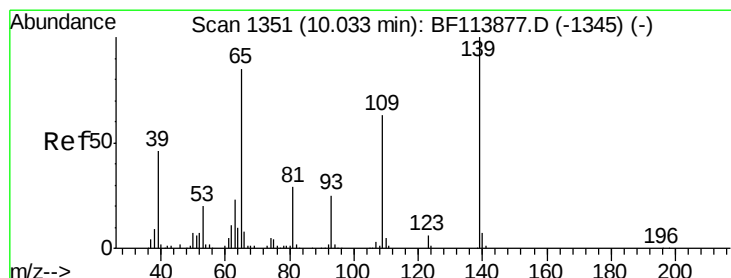
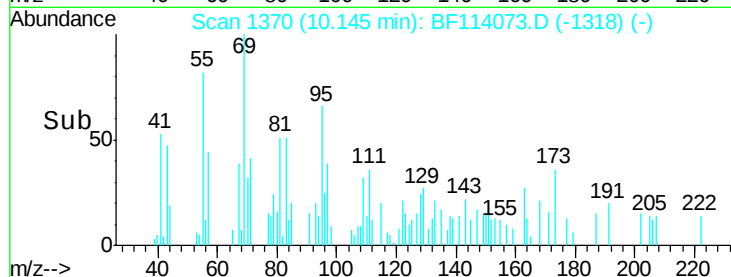
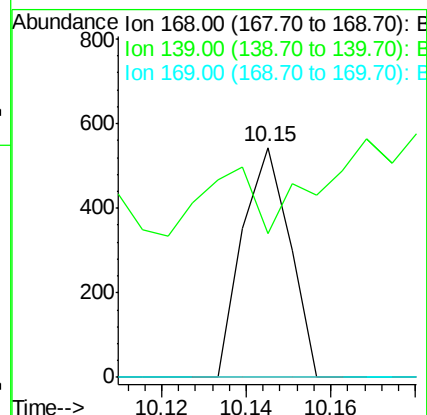
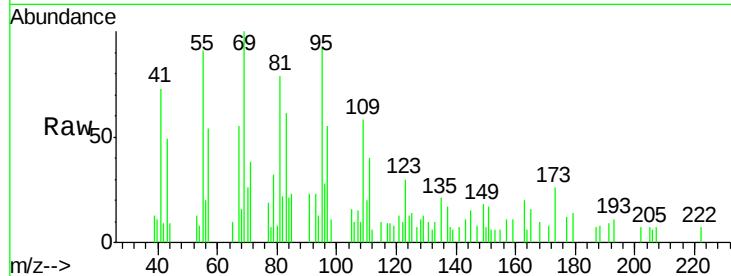
Tot Ion:168 Resp: 422

Ion Ratio Lower Upper

168 100

139 62.7 27.8 41.6#

169 0.0 11.0 16.6#



#56

4-Nitrophenol

Concen: 0.236 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.00 min

Lab File: BF114073.D

Acq: 1 May 2019 16:59

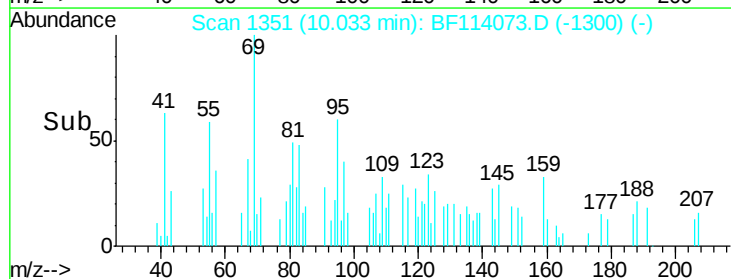
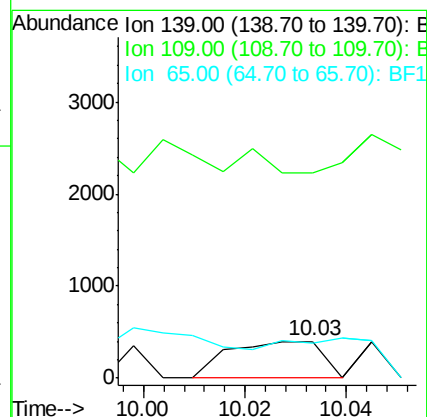
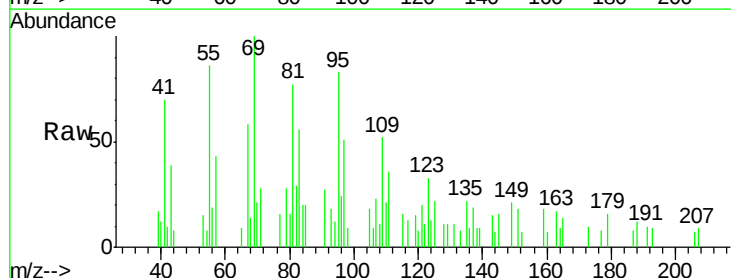
Tgt Ion:139 Resp: 508

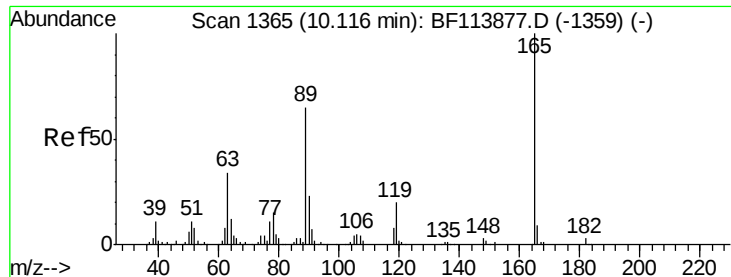
Ion Ratio Lower Upper

139 100

109 567.0 42.9 82.9#

65 97.0 64.4 104.4





#57

2,4-Dinitrotoluene

Concen: 6.492 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.18 min

Lab File: BF114073.D

Acq: 1 May 2019 16:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 21212

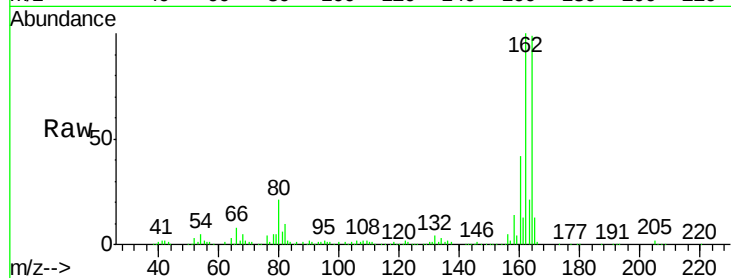
Ion Ratio Lower Upper

165 100

63 0.0 27.4 41.0#

89 1.4 51.8 77.6#

182 0.0 2.2 3.2#

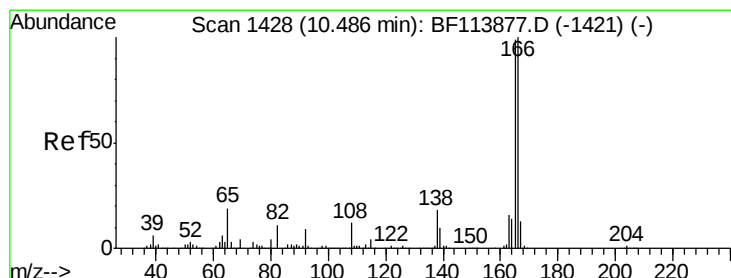
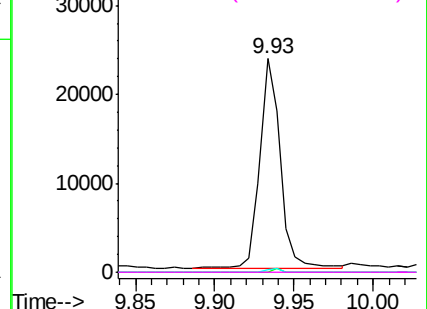
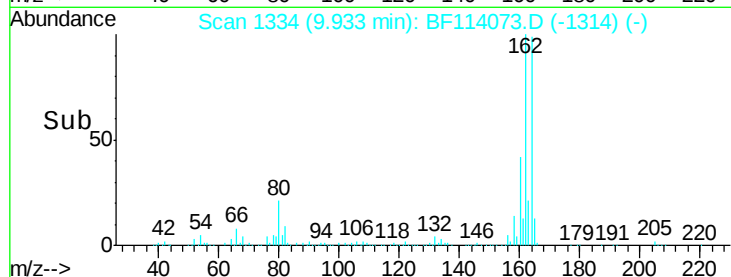


Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.090 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF114073.D

Acq: 1 May 2019 16:59

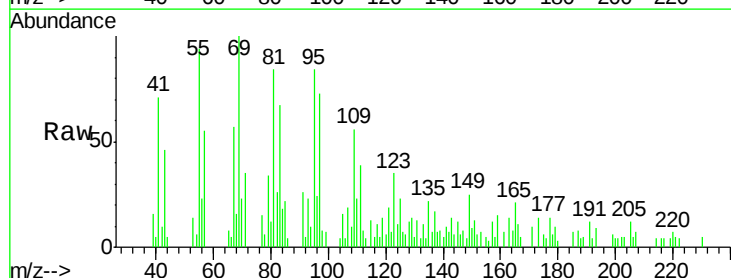
Tgt Ion:166 Resp: 977

Ion Ratio Lower Upper

166 100

165 180.6 78.4 117.6#

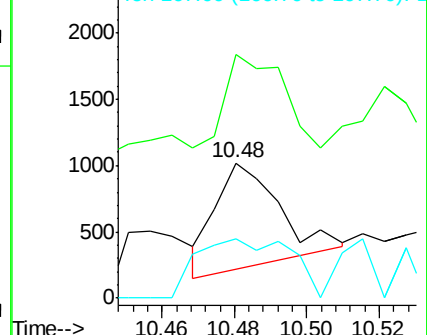
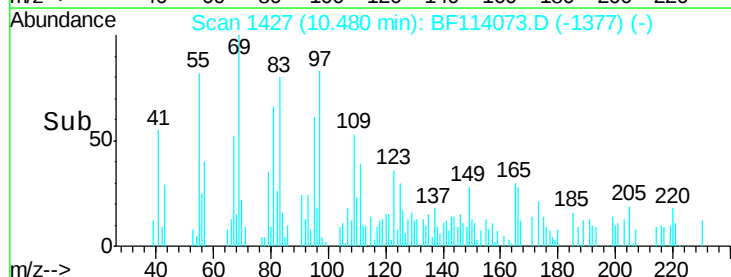
167 44.0 10.9 16.3#

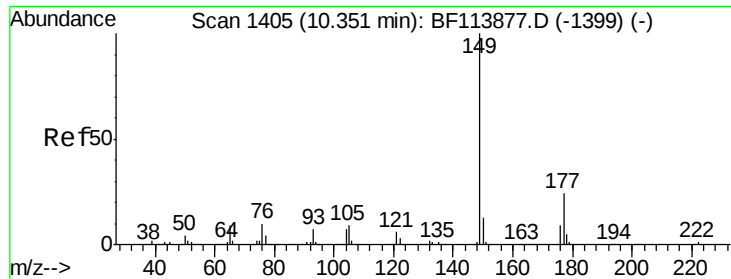


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

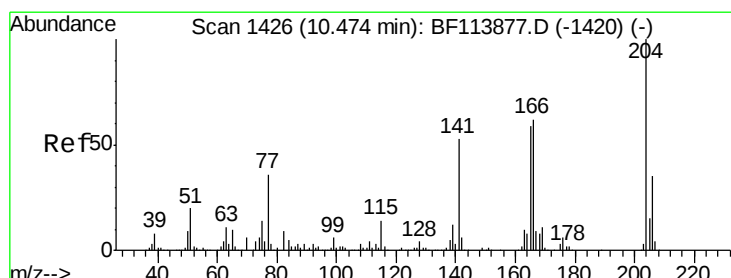
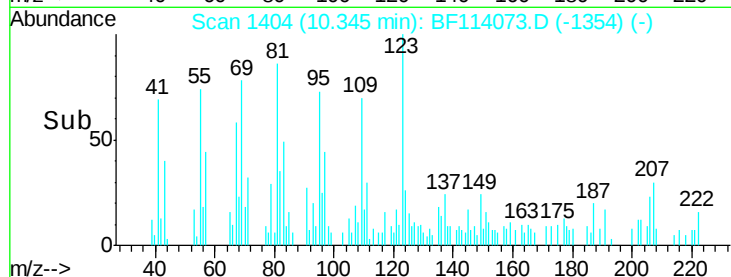
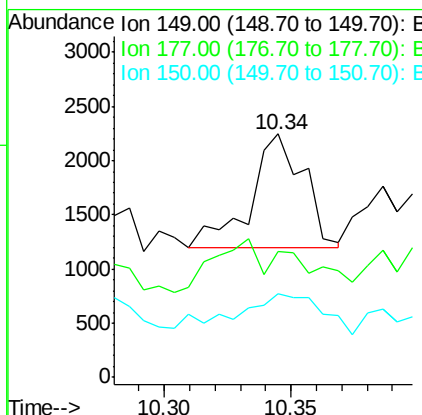
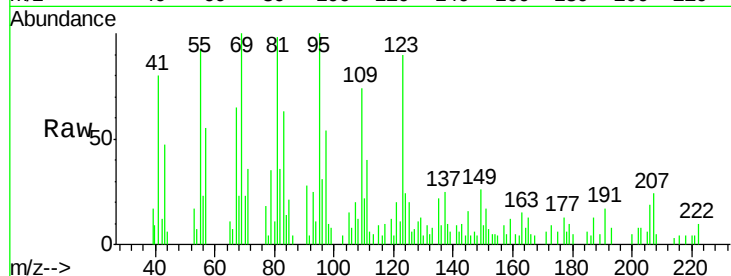




#60
Diethylphthalate
Concen: 0.133 ng
RT: 10.34 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF114073.D
Acq: 1 May 2019 16:59

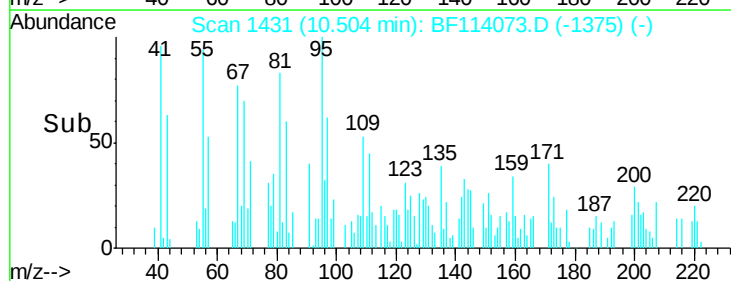
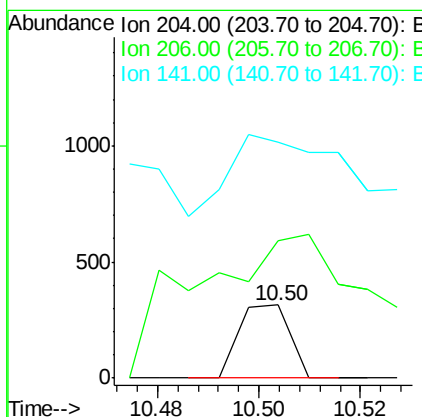
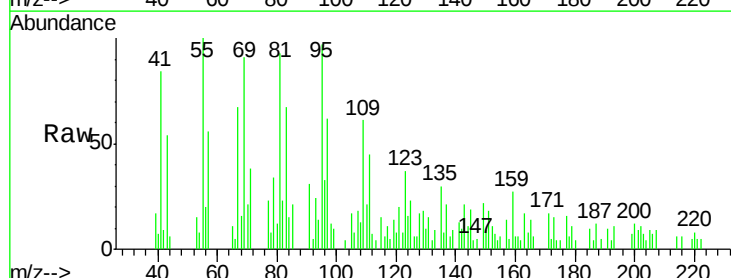
Instrument :
BNA_F
ClientSampled :

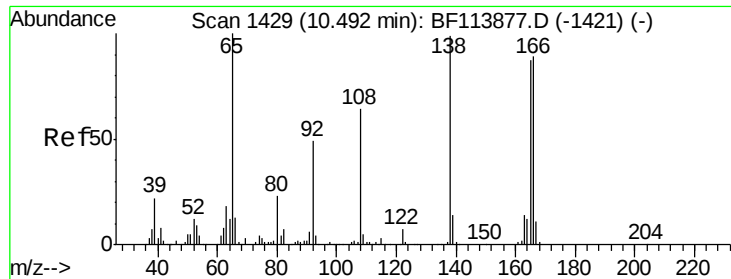
Tot Ion:149 Resp: 1529
Ion Ratio Lower Upper
149 100
177 51.6 19.2 28.8#
150 34.6 10.3 15.5#



#61
4-Chlorophenyl-phenylether
Concen: 0.038 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.03 min
Lab File: BF114073.D
Acq: 1 May 2019 16:59

Tgt Ion:204 Resp: 219
Ion Ratio Lower Upper
204 100
206 187.6 27.4 41.2#
141 323.2 42.6 63.8#





#62

4-Nitroaniline

Concen: 0.203 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.02 min

Lab File: BF114073.D

Acq: 1 May 2019 16:59

Instrument :

BNA_F

ClientSampleId :

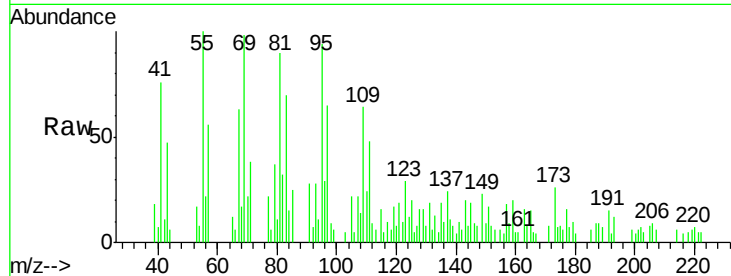
Tot Ion:138 Resp: 539

Ion Ratio Lower Upper

138 100

92 69.9 31.3 71.3

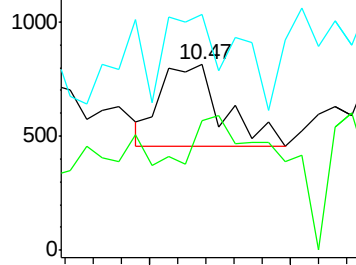
108 126.5 48.9 88.9#



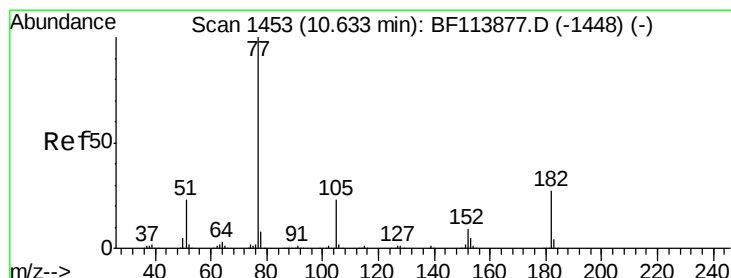
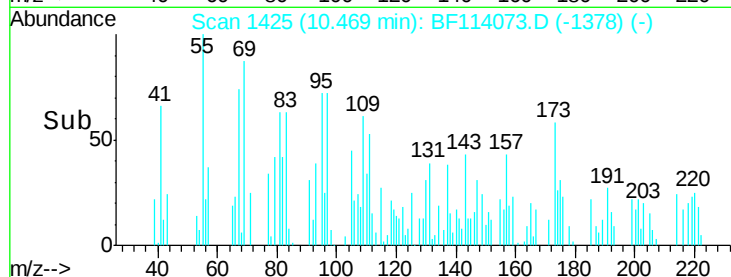
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



Time-->



#63

Azobenzene

Concen: 0.072 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BF114073.D

Acq: 1 May 2019 16:59

Tgt Ion: 77 Resp: 803

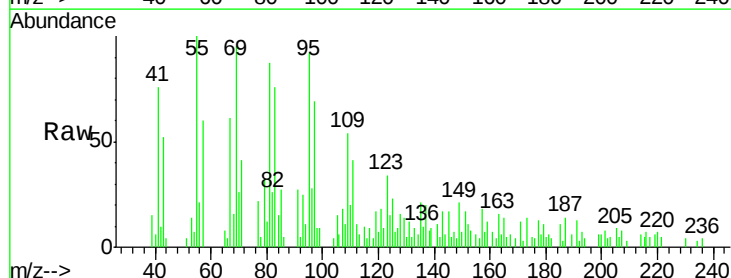
Ion Ratio Lower Upper

77 100

182 16.3 4.4 44.4

105 64.9 2.2 42.2#

51 18.2 3.9 43.9

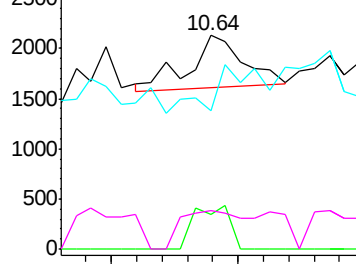


Abundance Ion 77.00 (76.70 to 77.70): BF1

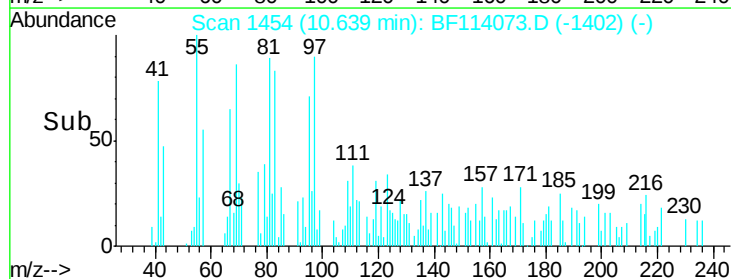
Ion 182.00 (181.70 to 182.70): E

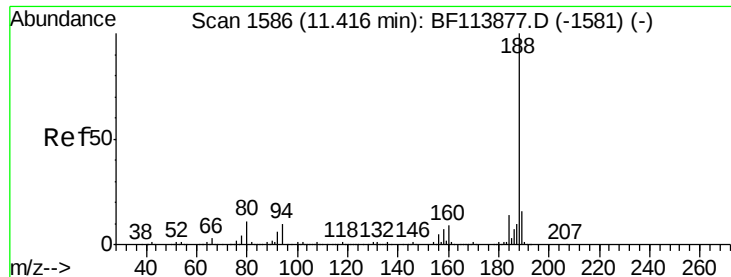
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



Time-->





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF114073.D

Acq: 1 May 2019 16:59

Instrument :

BNA_F

ClientSampleId :

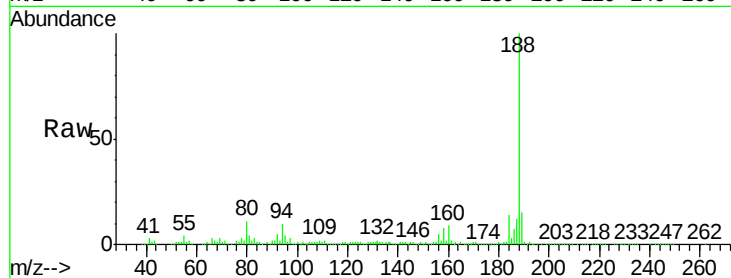
Tot Ion:188 Resp: 313063

Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.4

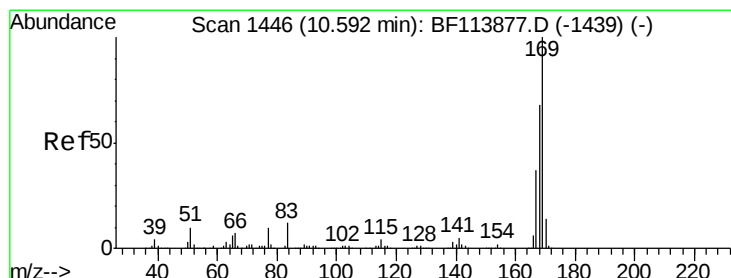
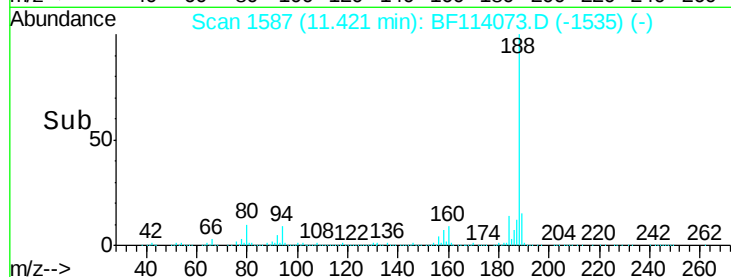
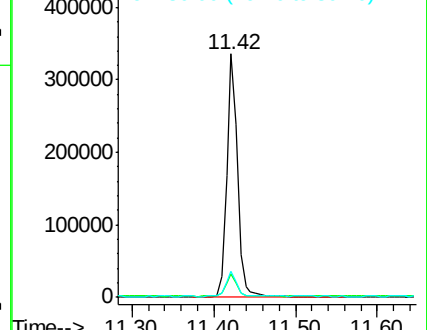
80 10.6 9.0 13.6



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



#66

n-Nitrosodiphenylamine

Concen: 0.012 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF114073.D

Acq: 1 May 2019 16:59

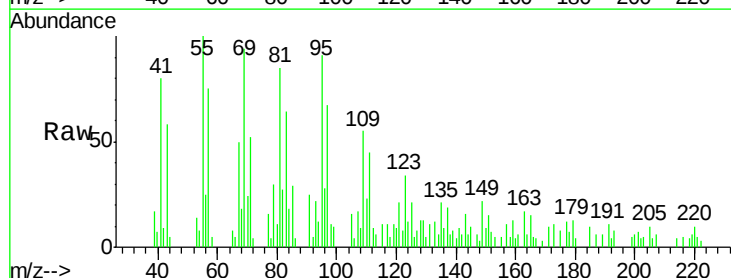
Tgt Ion:169 Resp: 109

Ion Ratio Lower Upper

169 100

168 0.0 54.3 81.5#

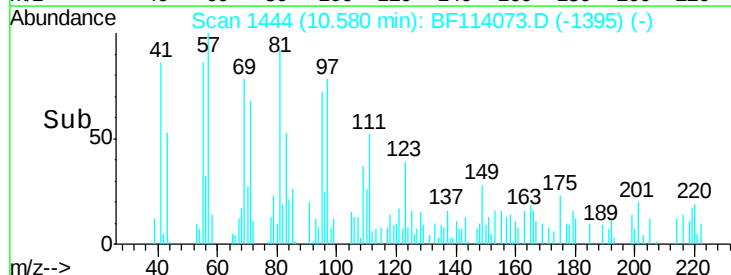
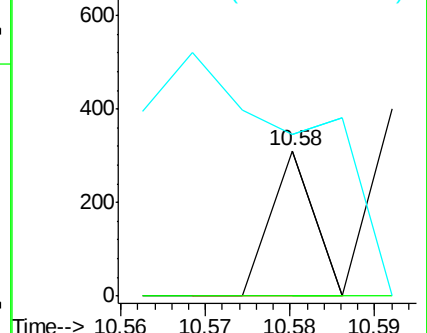
167 111.6 29.4 44.0#

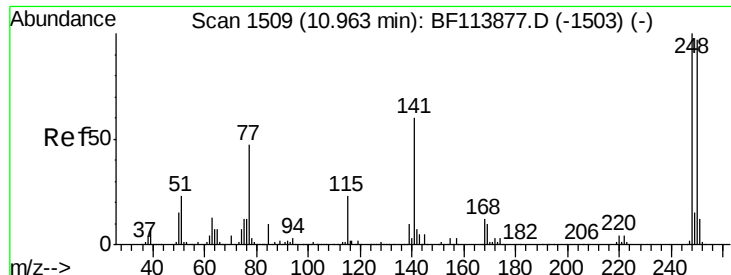


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

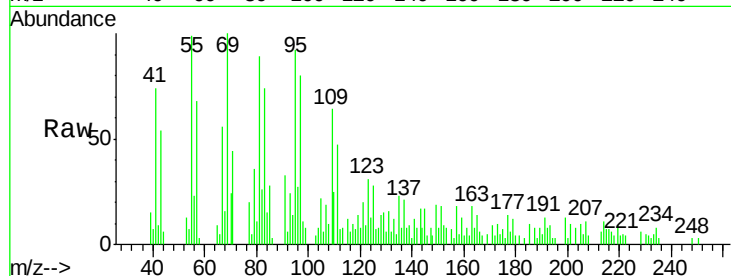




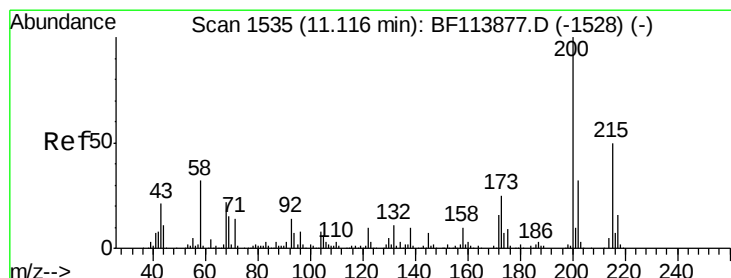
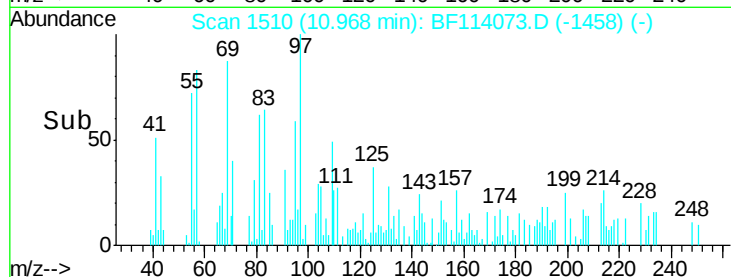
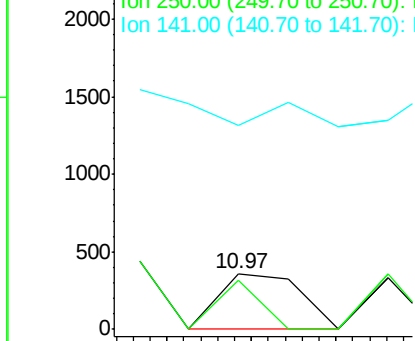
#67
4-Bromophenyl-phenylether
Concen: 0.064 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BF114073.D
Acq: 1 May 2019 16:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 242
Ion Ratio Lower Upper
248 100
250 88.5 75.8 113.6
141 368.4 50.2 75.4#

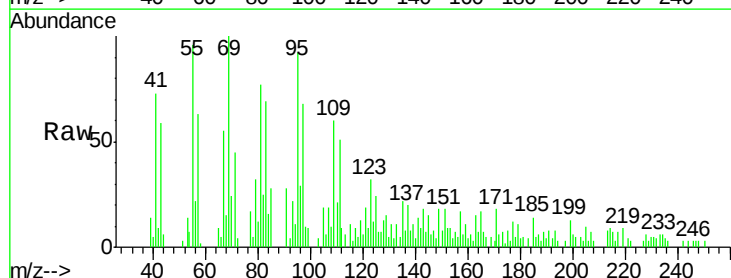


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

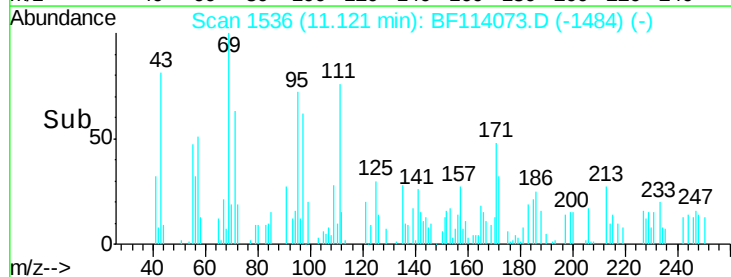
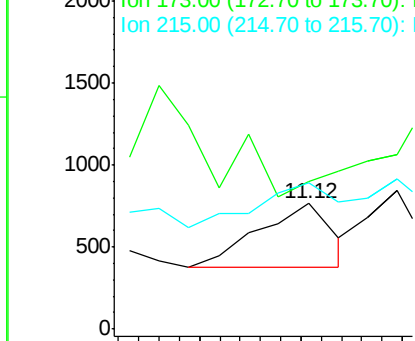


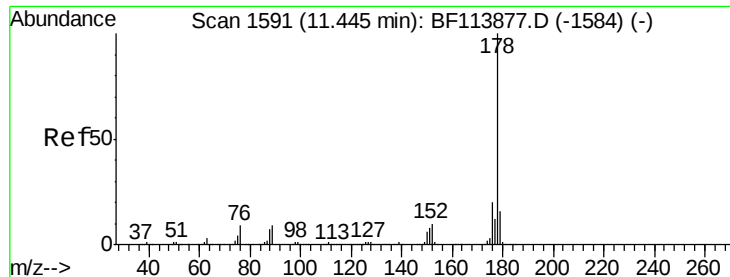
#69
Atrazine
Concen: 0.128 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BF114073.D
Acq: 1 May 2019 16:59

Tgt Ion:200 Resp: 392
Ion Ratio Lower Upper
200 100
173 117.9 5.9 45.9#
215 117.1 29.3 69.3#



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

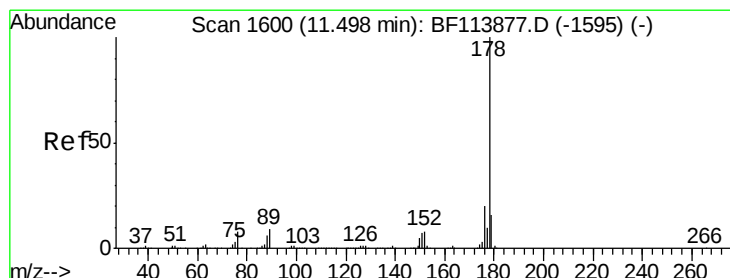
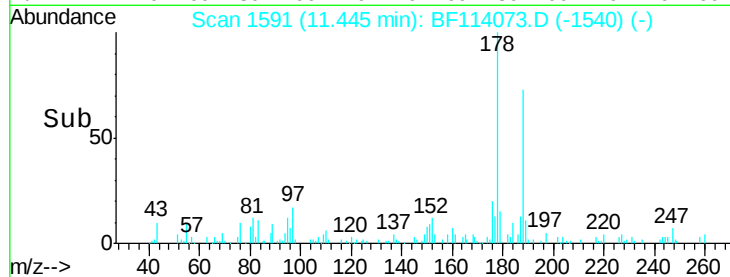
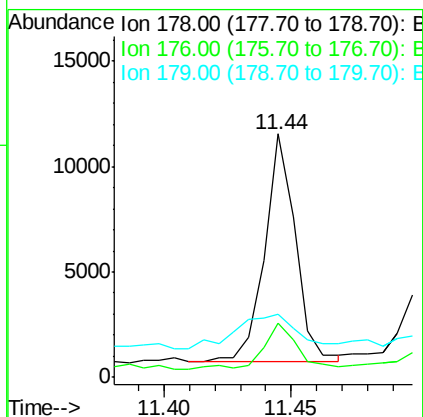
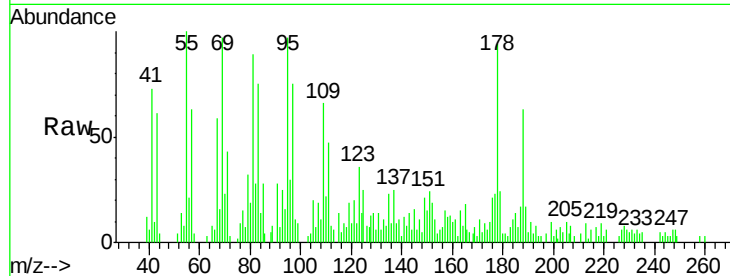




#71
Phenanthrene
Concen: 0.590 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF114073.D
Acq: 1 May 2019 16:59

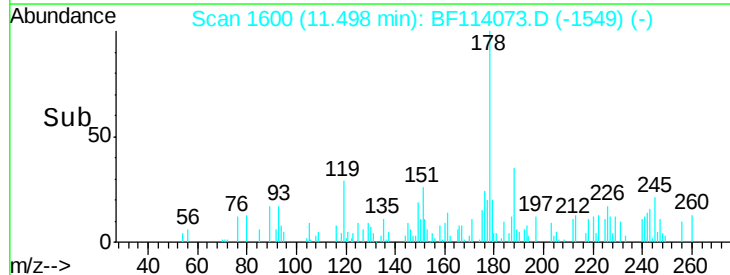
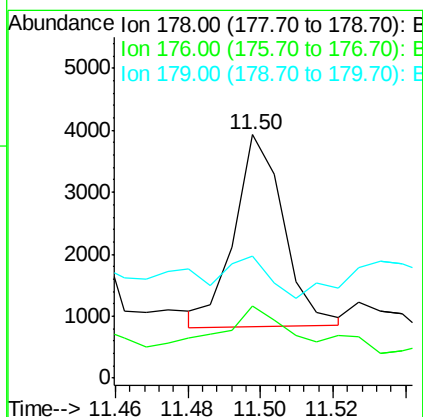
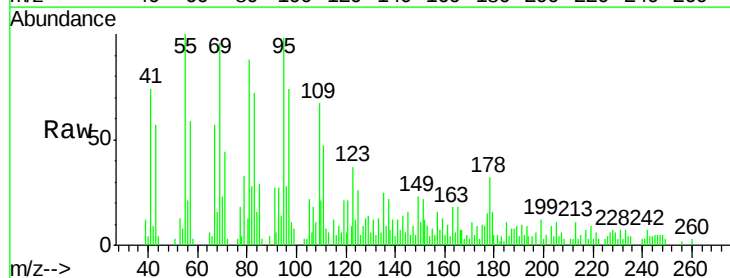
Instrument :
BNA_F
ClientSampleId :

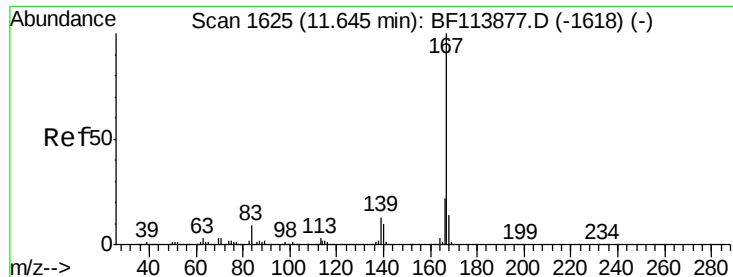
Tot Ion:178 Resp: 9282
Ion Ratio Lower Upper
178 100
176 22.3 16.1 24.1
179 26.0 12.8 19.2#



#72
Anthracene
Concen: 0.183 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF114073.D
Acq: 1 May 2019 16:59

Tgt Ion:178 Resp: 2911
Ion Ratio Lower Upper
178 100
176 29.6 15.7 23.5#
179 49.9 13.0 19.4#





#73

Carbazole

Concen: 0.152 ng

RT: 11.65 min Scan# 1626

Delta R.T. 0.01 min

Lab File: BF114073.D

Acq: 1 May 2019 16:59

Instrument :

BNA_F

ClientSampleId :

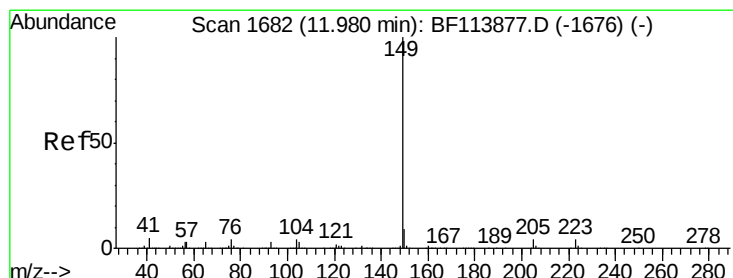
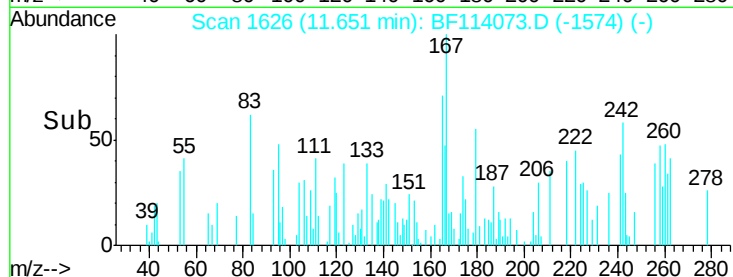
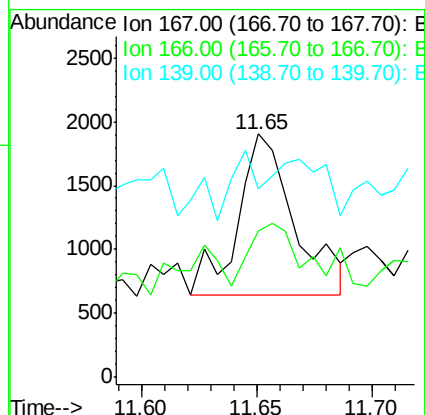
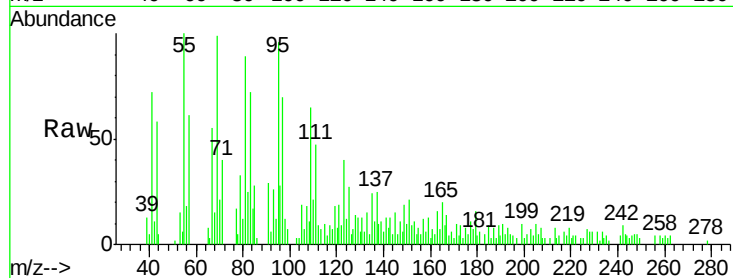
Tot Ion:167 Resp: 2156

Ion Ratio Lower Upper

167 100

166 60.2 17.7 26.5#

139 77.7 10.0 15.0#



#74

Di-n-butylphthalate

Concen: 0.115 ng

RT: 11.97 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BF114073.D

Acq: 1 May 2019 16:59

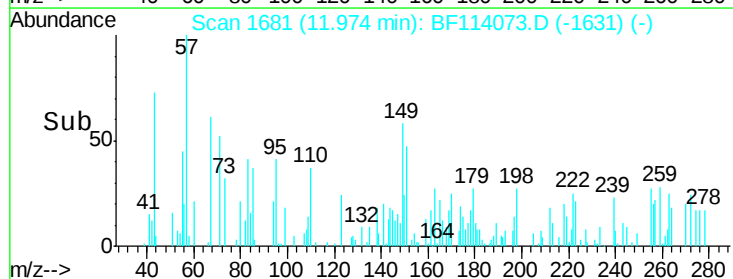
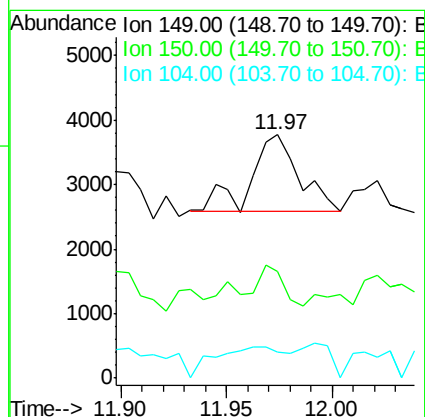
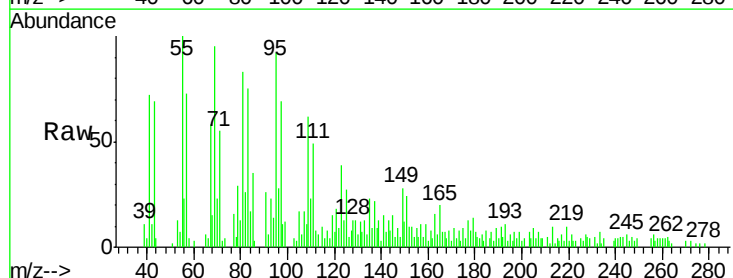
Tgt Ion:149 Resp: 1914

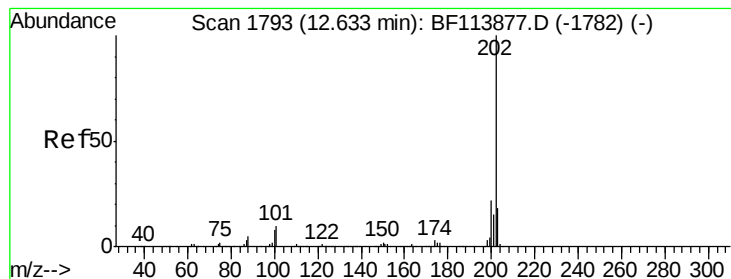
Ion Ratio Lower Upper

149 100

150 43.5 7.8 11.8#

104 10.9 3.8 5.8#





#75

Fluoranthene

Concen: 1.271 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF114073.D

Acq: 1 May 2019 16:59

Instrument :

BNA_F

ClientSampleId :

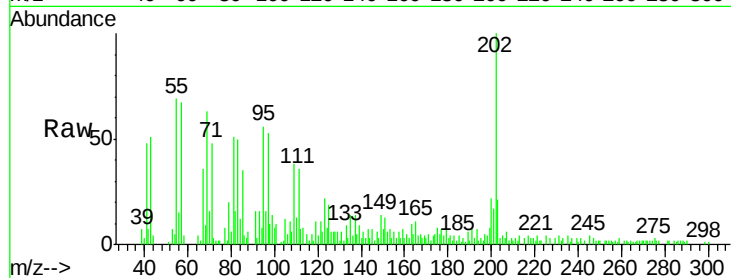
Tot Ion:202 Resp: 21816

Ion Ratio Lower Upper

202 100

101 9.8 0.0 32.9

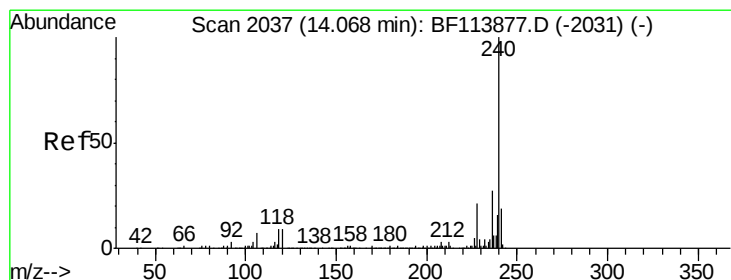
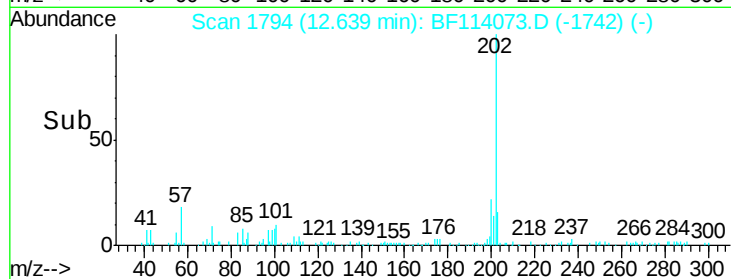
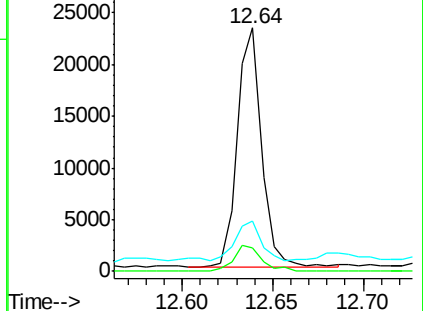
203 20.9 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF114073.D

Acq: 1 May 2019 16:59

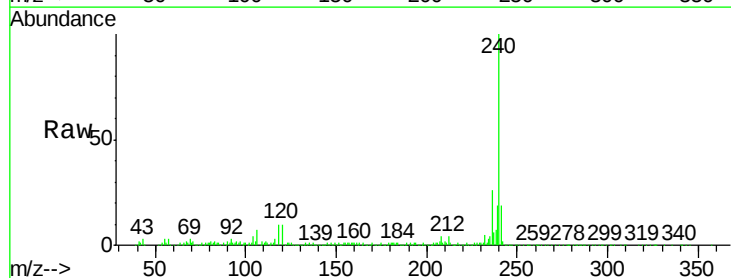
Tgt Ion:240 Resp: 257753

Ion Ratio Lower Upper

240 100

120 10.2 9.3 13.9

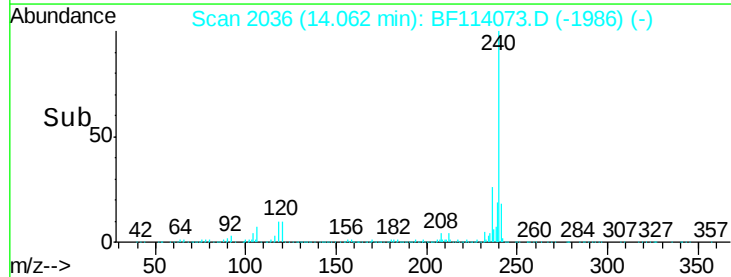
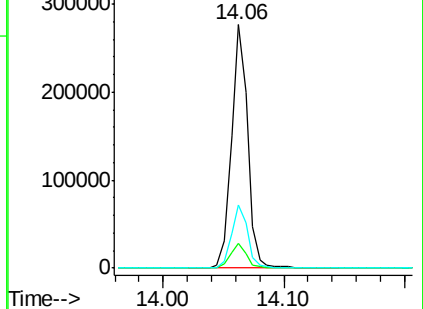
236 26.2 21.2 31.8

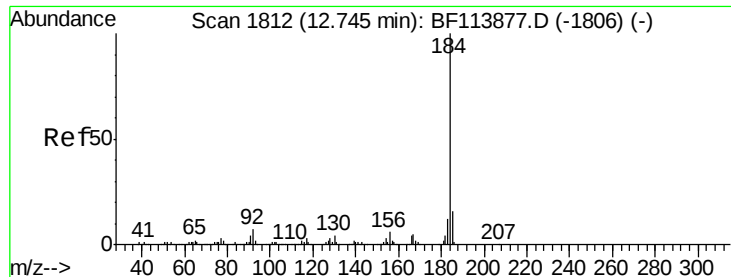


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.029 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BF114073.D

Acq: 1 May 2019 16:59

Instrument :

BNA_F

ClientSampleId :

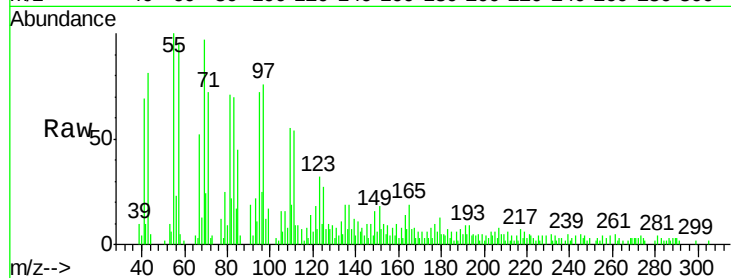
Tot Ion:184 Resp: 224

Ion Ratio Lower Upper

184 100

185 192.5 13.0 19.6#

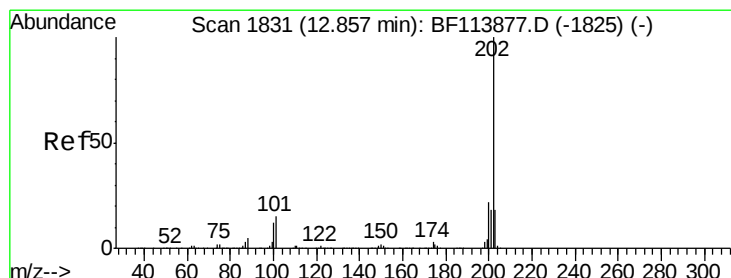
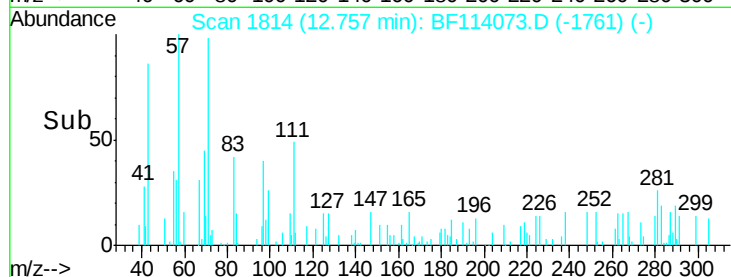
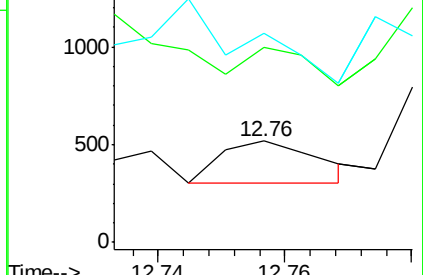
183 205.8 9.4 14.0#



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

Pyrene

Concen: 1.082 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BF114073.D

Acq: 1 May 2019 16:59

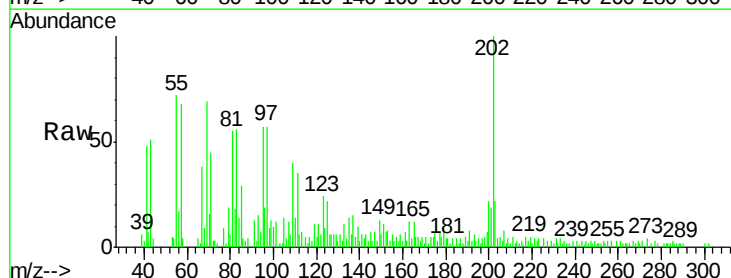
Tgt Ion:202 Resp: 19504

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

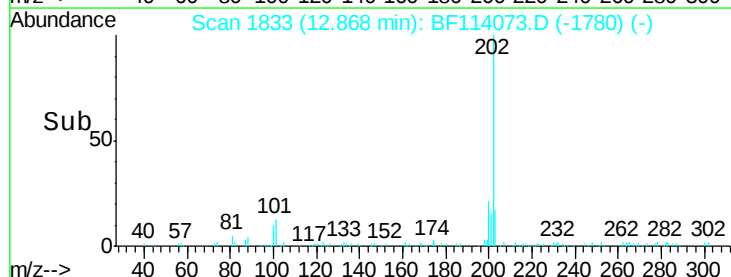
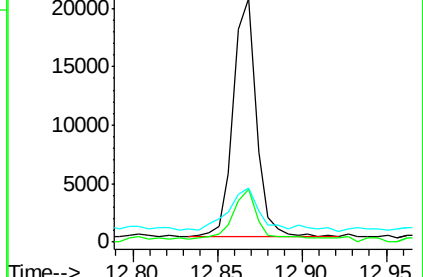
203 22.1 15.0 22.6

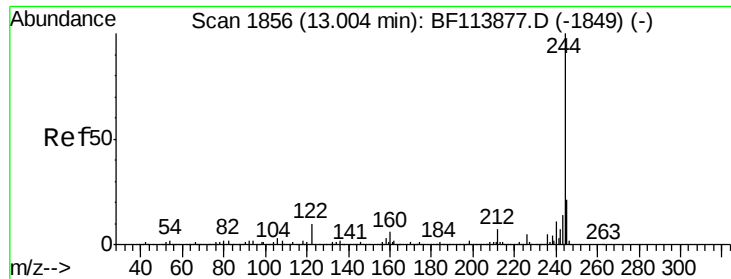


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 26.661 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BF114073.D

Acq: 1 May 2019 16:59

Instrument :

BNA_F

ClientSampleId :

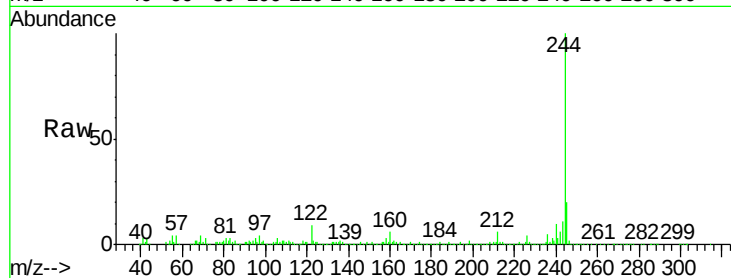
Tot Ion:244 Resp: 335199

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.2

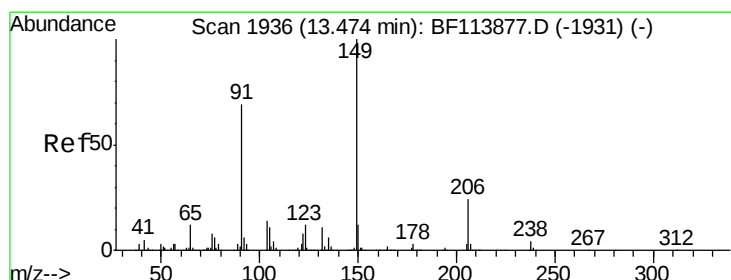
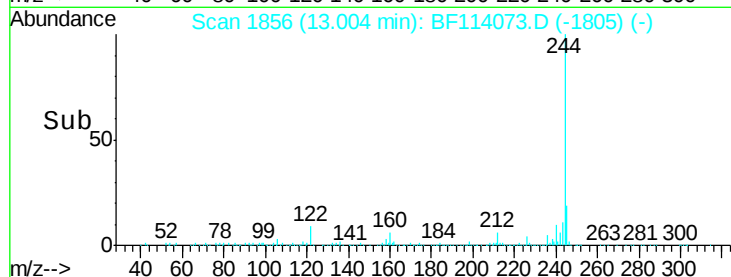
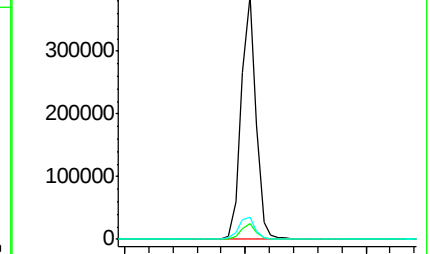
122 9.0 7.6 11.4



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: 0.182 ng

RT: 13.44 min Scan# 1931

Delta R.T. -0.03 min

Lab File: BF114073.D

Acq: 1 May 2019 16:59

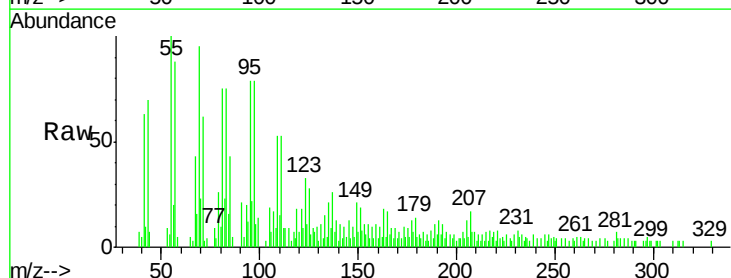
Tgt Ion:149 Resp: 1291

Ion Ratio Lower Upper

149 100

91 99.6 56.3 84.5#

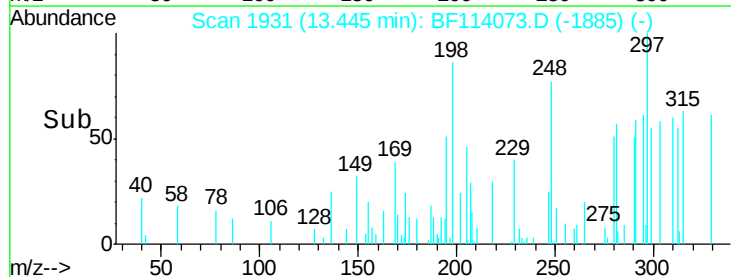
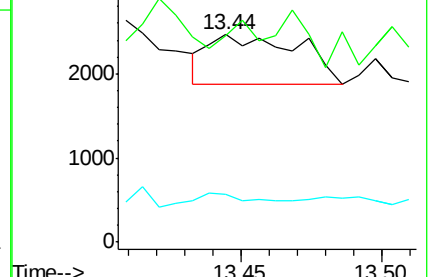
206 22.8 19.0 28.6

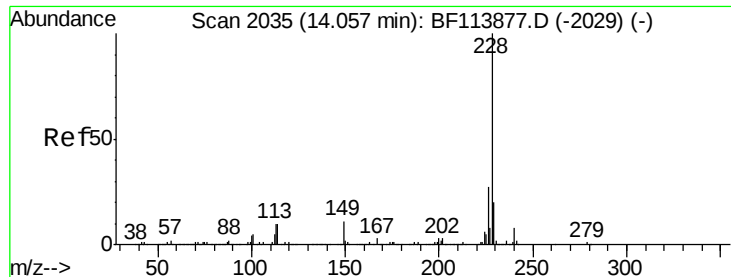


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

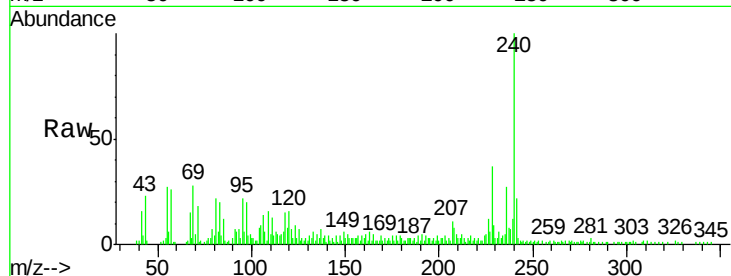




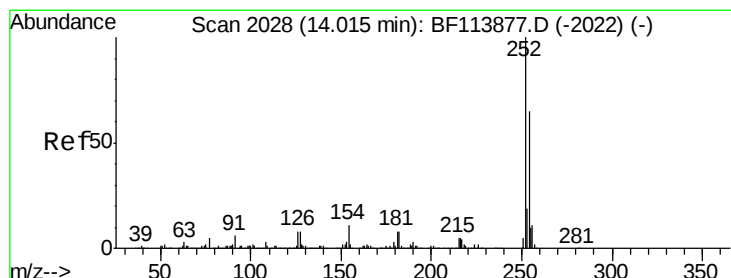
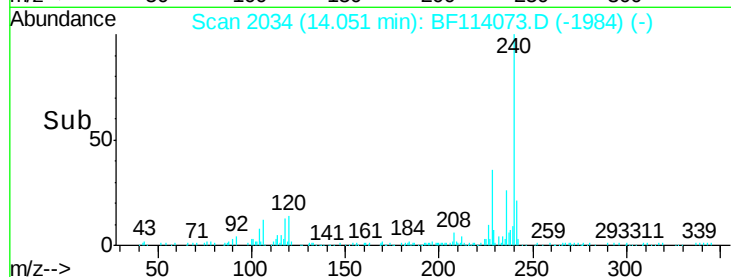
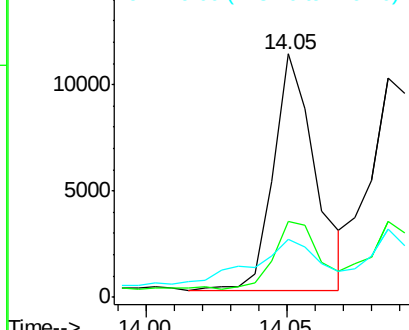
#81
Benzo(a)anthracene
Concen: 0.756 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF114073.D
Acq: 1 May 2019 16:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 11486
Ion Ratio Lower Upper
228 100
226 31.0 22.2 33.2
229 24.1 16.0 24.0#

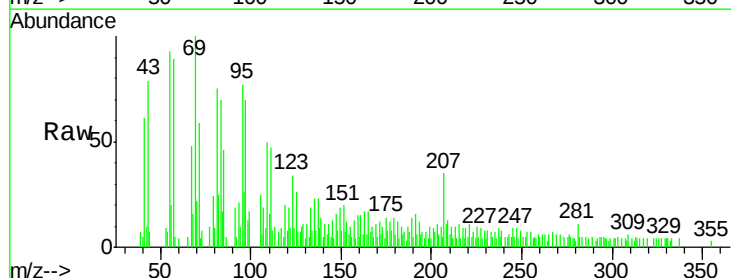


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

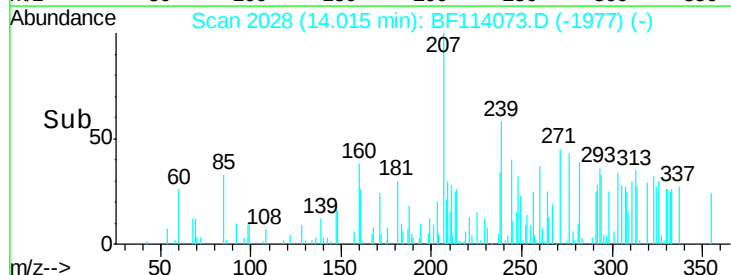
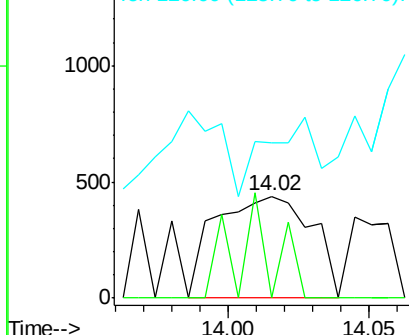


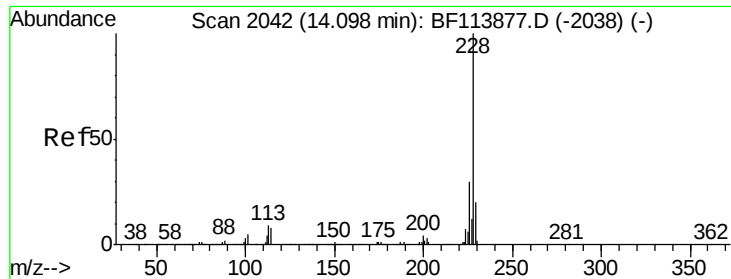
#82
3,3'-Dichlorobenzidine
Concen: 0.187 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF114073.D
Acq: 1 May 2019 16:59

Tgt Ion:252 Resp: 1041
Ion Ratio Lower Upper
252 100
254 0.0 52.1 78.1#
126 151.9 9.3 13.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

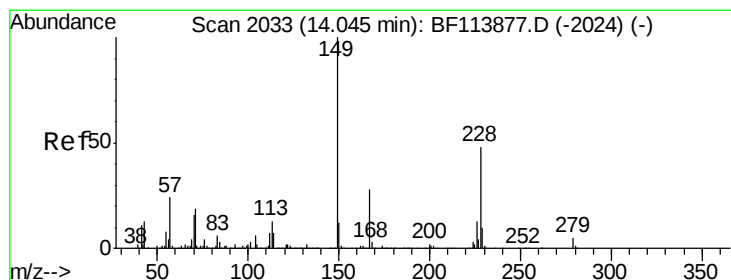
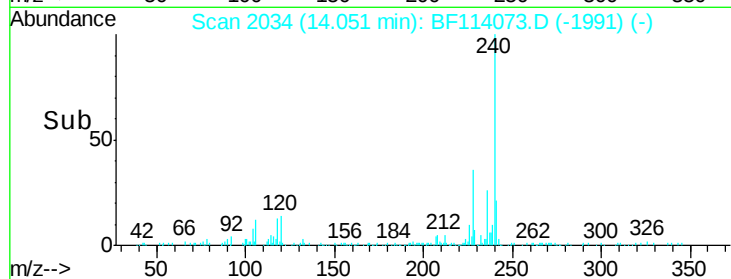
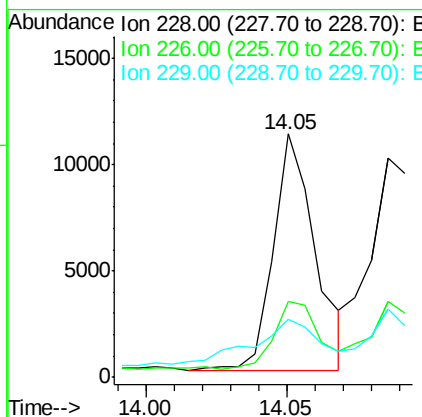
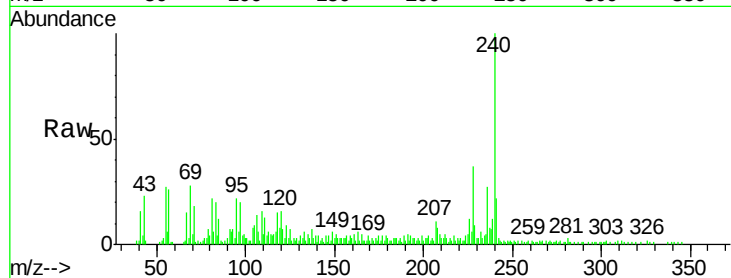




#83
 Chrysene
 Concen: 0.777 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.05 min
 Lab File: BF114073.D
 Acq: 1 May 2019 16:59

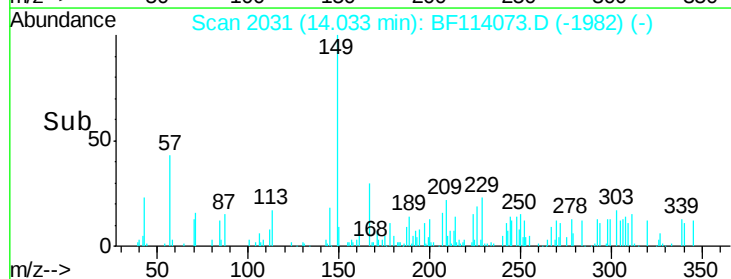
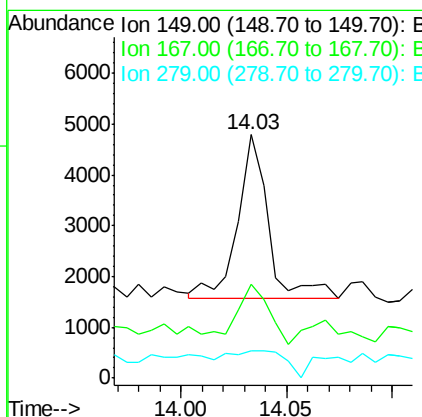
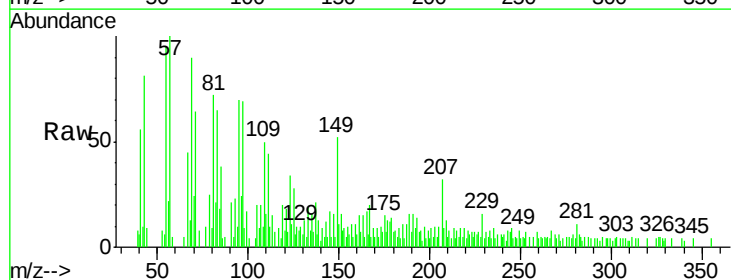
Instrument :
 BNA_F
 ClientSampleId :

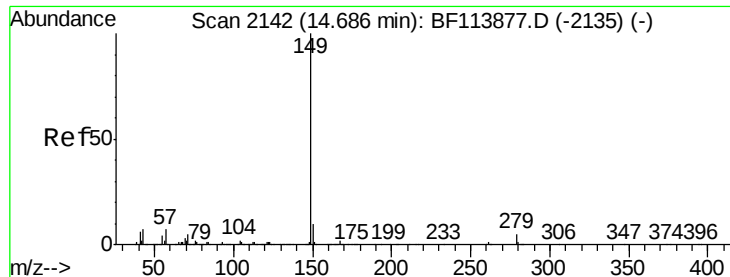
Tot Ion:228	Resp:	11486
Ion Ratio	Lower	Upper
228	100	
226	31.0	25.2 37.8
229	24.1	16.7 25.1



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.357 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF114073.D
 Acq: 1 May 2019 16:59

Tgt Ion:149	Resp:	3224
Ion Ratio	Lower	Upper
149	100	
167	38.5	22.9 34.3#
279	11.4	4.2 6.2#





#85

Di-n-octyl phthalate

Concen: 0.036 ng

RT: 14.67 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BF114073.D

Acq: 1 May 2019 16:59

Instrument :

BNA_F

ClientSampleId :

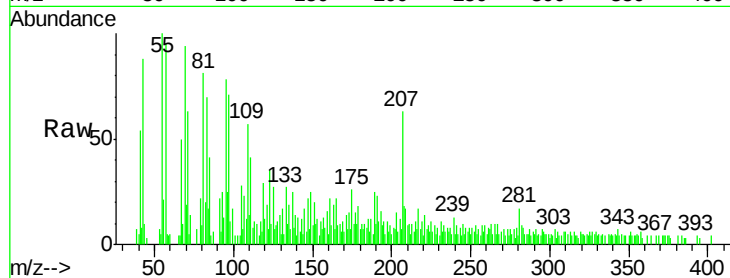
Tot Ion:149 Resp: 504

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

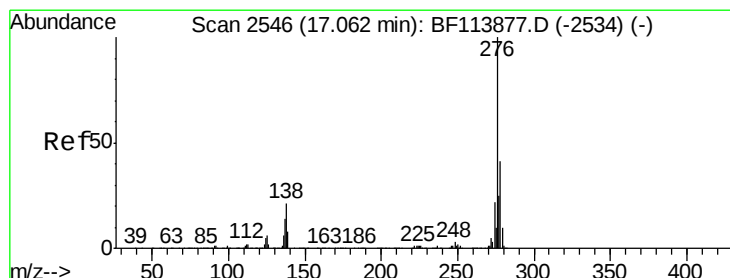
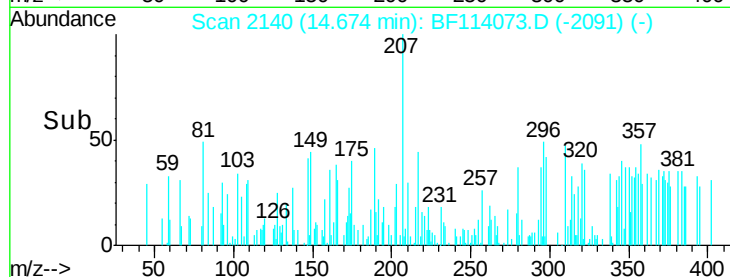
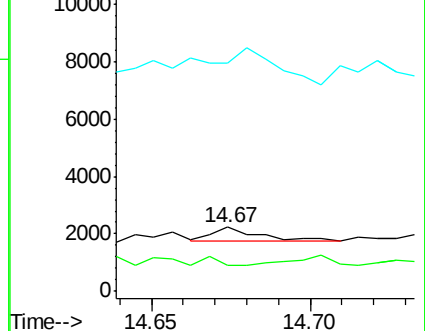
43 656.7 6.6 10.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 0.449 ng

RT: 17.06 min Scan# 2545

Delta R.T. -0.01 min

Lab File: BF114073.D

Acq: 1 May 2019 16:59

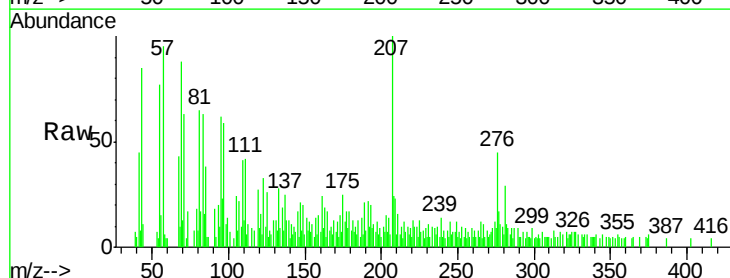
Tgt Ion:276 Resp: 6286

Ion Ratio Lower Upper

276 100

138 30.3 19.6 29.4#

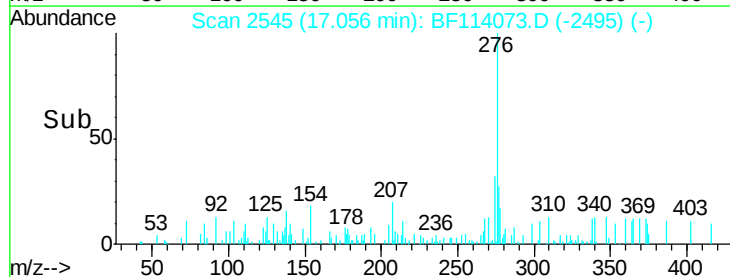
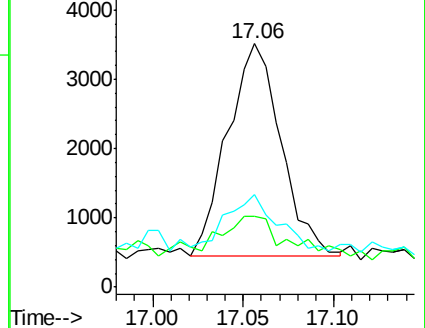
277 27.4 20.2 30.4

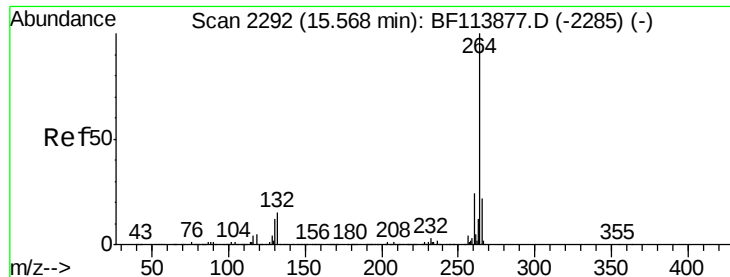


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.56 min Scan# 2290

Delta R.T. -0.01 min

Lab File: BF114073.D

Acq: 1 May 2019 16:59

Instrument :

BNA_F

ClientSampleId :

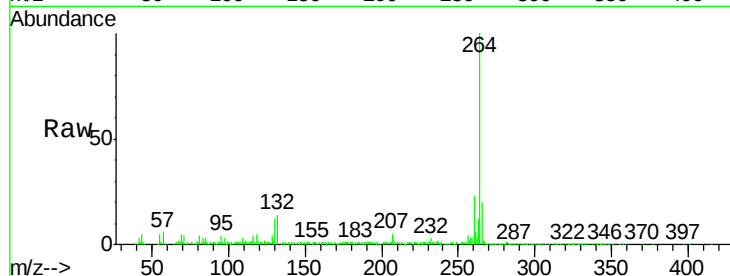
Tot Ion:264 Resp: 204092

Ion Ratio Lower Upper

264 100

260 22.7 18.9 28.3

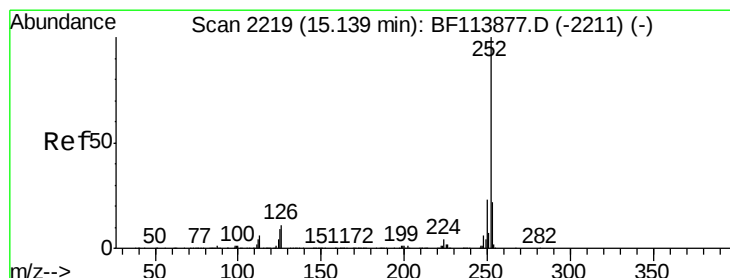
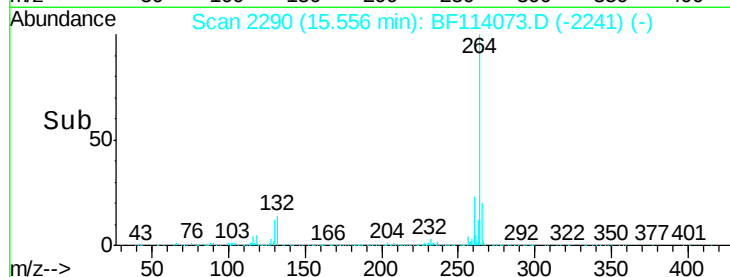
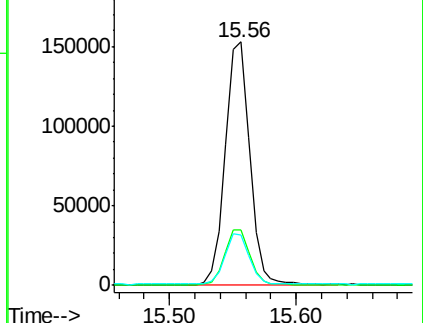
265 20.5 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 1.593 ng

RT: 15.12 min Scan# 2215

Delta R.T. -0.02 min

Lab File: BF114073.D

Acq: 1 May 2019 16:59

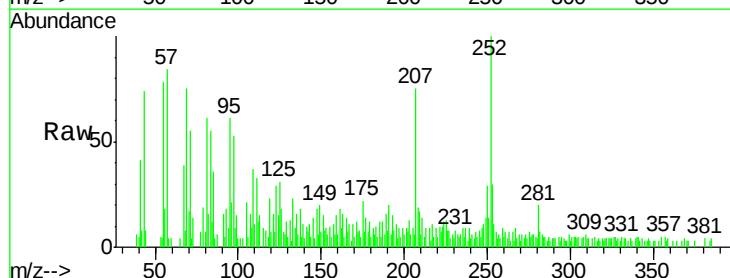
Tgt Ion:252 Resp: 20570

Ion Ratio Lower Upper

252 100

253 30.0 17.8 26.6#

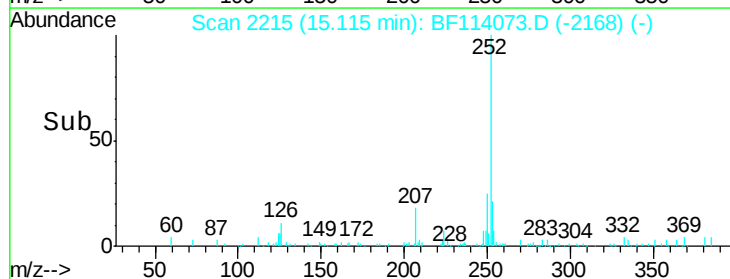
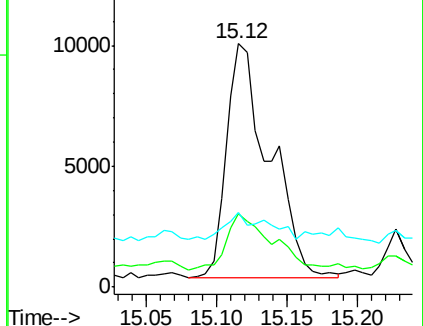
125 30.8 7.0 10.6#

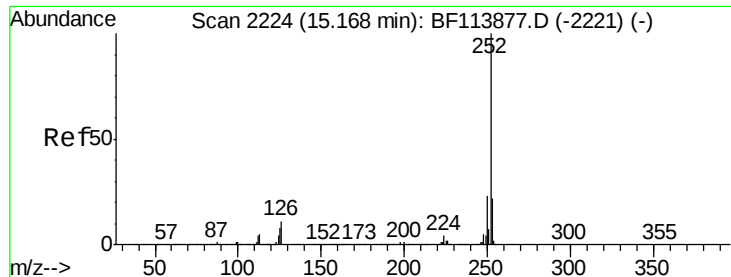


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

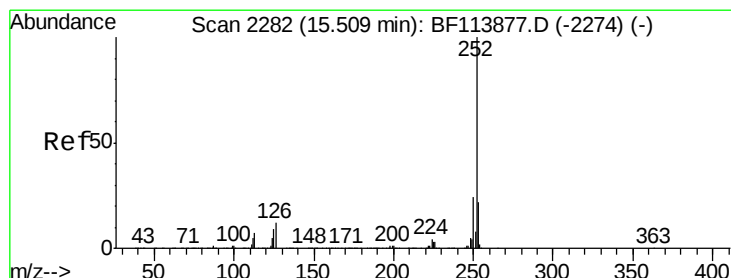
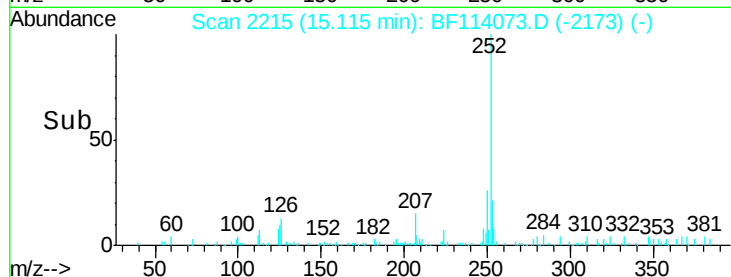
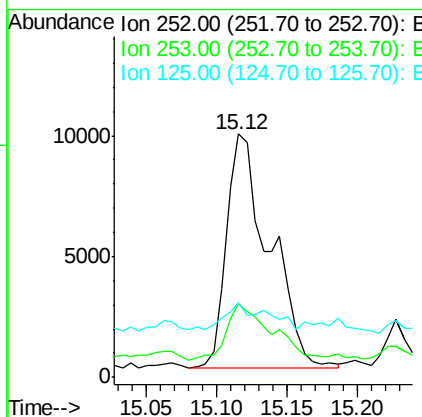
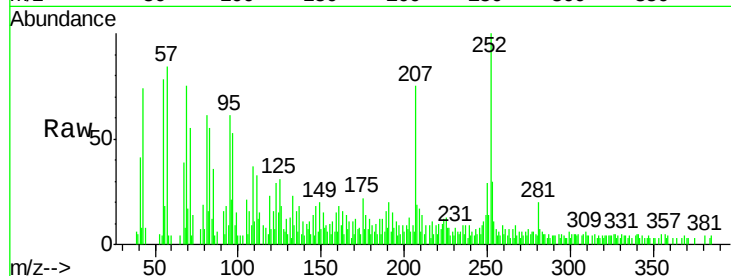




#89
Benzo(k)fluoranthene
Concen: 1.852 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.05 min
Lab File: BF114073.D
Acq: 1 May 2019 16:59

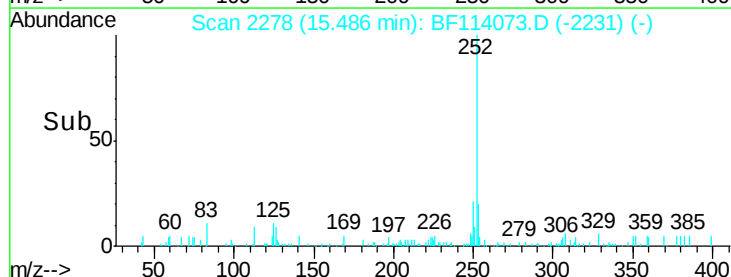
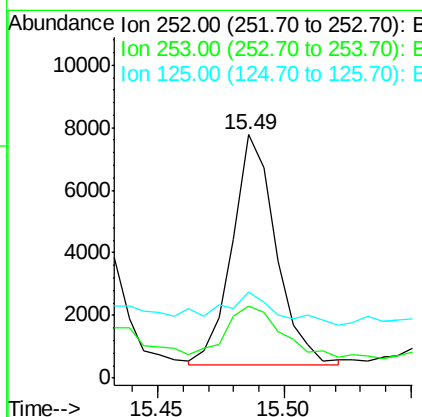
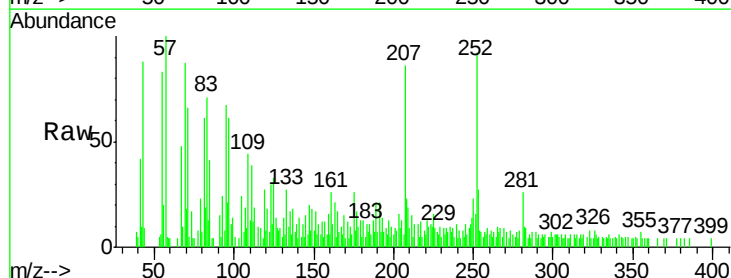
Instrument :
BNA_F
ClientSampleId :

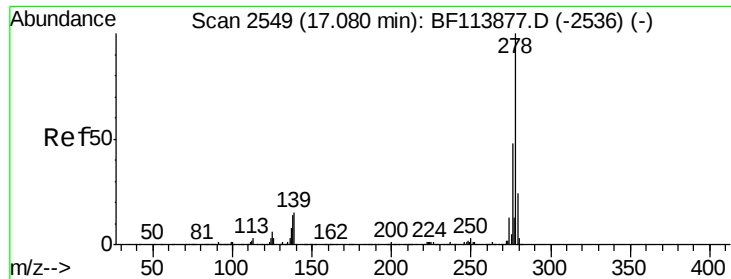
Tot Ion	Ratio	Lower	Upper
252	100		
253	30.0	18.2	27.2#
125	30.8	7.4	11.2#



#90
Benzo(a)pyrene
Concen: 0.794 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BF114073.D
Acq: 1 May 2019 16:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.6	17.5	26.3#
125	35.6	8.5	12.7#

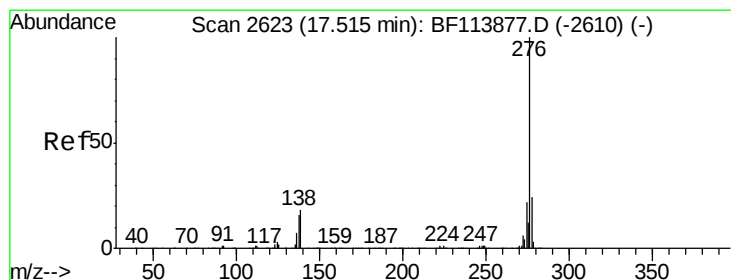
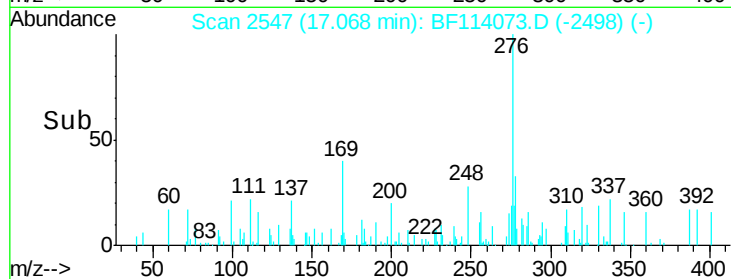
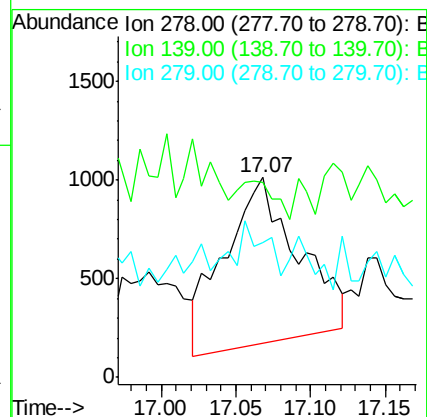
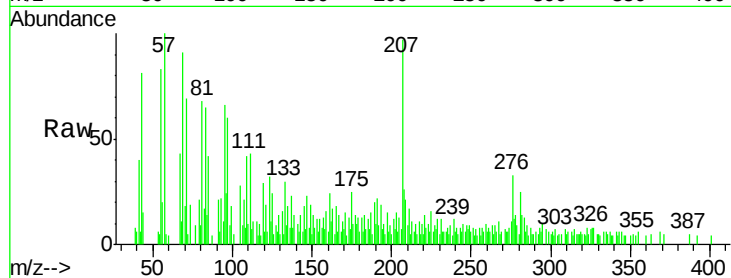




#91
Dibenzo(a,h)anthracene
Concen: 0.275 ng
RT: 17.07 min Scan# 2547
Delta R.T. -0.01 min
Lab File: BF114073.D
Acq: 1 May 2019 16:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 2884
Ion Ratio Lower Upper
278 100
139 97.7 11.6 17.4#
279 67.6 19.0 28.6#



#92
Benzo(g,h,i)perylene
Concen: 0.582 ng
RT: 17.51 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BF114073.D
Acq: 1 May 2019 16:59

Tgt Ion:276 Resp: 6161
Ion Ratio Lower Upper
276 100
277 43.5 19.0 28.4#
138 29.2 16.6 25.0#

