

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031820\
 Data File : BF119428.D
 Acq On : 18 Mar 2020 21:26
 Operator : CG/JU
 Sample : L1933-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12002

Quant Time: Mar 19 01:20:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	360668	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1369066	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	665572	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1179673	20.00	ng	0.00
76) Chrysene-d12	14.02	240	671110	20.00	ng	-0.01
87) Perylene-d12	15.50	264	668123	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	2259520	99.73	ng	0.01
7) Phenol-d6	6.47	99	2887081	99.75	ng	0.00
23) Nitrobenzene-d5	7.42	82	1762721	69.97	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	675435	98.37	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2914375	64.87	ng	0.00
79) Terphenyl-d14	12.97	244	2607231	76.11	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.59	88	530	0.05	ng	# 1
4) n-Nitrosodimethylamine	3.31	42	225	0.01	ng	# 1
6) Aniline	6.47	93	376	0.01	ng	# 1
9) Benzaldehyde	6.40	77	345	0.02	ng	# 34
10) Phenol	6.49	94	11411	0.37	ng	# 90
11) bis(2-Chloroethyl)ether	6.47	93	376	0.02	ng	# 1
12) 1,3-Dichlorobenzene	6.87	146	359	0.01	ng	# 62
13) 1,4-Dichlorobenzene	6.87	146	359	0.01	ng	# 65
14) 1,2-Dichlorobenzene	7.01	146	350	0.01	ng	# 1
15) Benzyl Alcohol	7.01	79	28788	1.32	ng	# 49
16) 2,2'-oxybis(1-Chloropropan	7.12	45	144	0.00	ng	# 75
17) 2-Methylphenol	6.99	107	134	0.01	ng	# 56
19) n-Nitroso-di-n-propylamine	7.42	70	233920	13.41	ng	# 76
20) 3+4-Methylphenols	6.99	107	134	0.01	ng	# 64
22) Acetophenone	7.26	105	836	0.03	ng	# 65
24) Nitrobenzene	7.42	77	4648	0.17	ng	# 33
25) Isophorone	7.42	82	1761580	34.47	ng	# 66
27) 2,4-Dimethylphenol	7.80	122	249	0.01	ng	# 3
28) bis(2-Chloroethoxy)methane	8.14	93	127	0.00	ng	# 1
31) Naphthalene	8.16	128	1585	0.02	ng	# 68
32) Benzoic acid	7.80	122	249	0.02	ng	# 28
33) 4-Chloroaniline	8.16	127	146	0.00	ng	# 45
35) Caprolactam	8.57	113	151	0.02	ng	# 74
37) 2-Methylnaphthalene	8.85	142	667	0.01	ng	# 82
38) 1-Methylnaphthalene	8.95	142	493	0.01	ng	# 72
46) 1,1'-Biphenyl	9.32	154	10203	0.19	ng	# 92
47) 2-Chloronaphthalene	9.61	162	4467	0.11	ng	# 1
48) 2-Nitroaniline	9.33	65	377	0.03	ng	# 9
49) Acenaphthylene	9.76	152	2185	0.03	ng	# 83
50) Dimethylphthalate	9.61	163	585985	12.40	ng	# 99
51) 2,6-Dinitrotoluene	9.61	165	6040	0.60	ng	# 1
52) Acenaphthene	9.93	154	585	0.01	ng	# 91
53) 3-Nitroaniline	9.89	138	140	0.01	ng	# 1
55) Dibenzofuran	10.10	168	795	0.01	ng	# 84

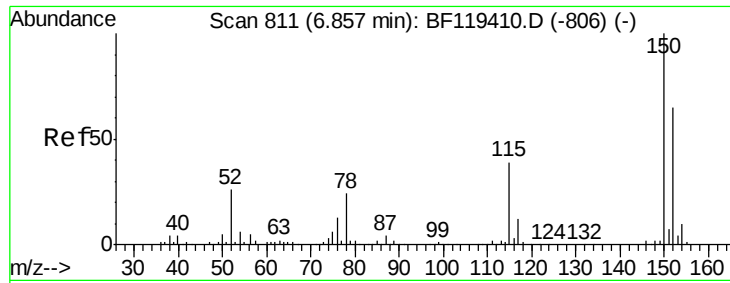
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031820\
 Data File : BF119428.D
 Acq On : 18 Mar 2020 21:26
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 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) 4-Nitrophenol	10.10	139	301	0.03	ng	# 22
57) 2,4-Dinitrotoluene	9.90	165	87079	6.82	ng	# 25
58) Fluorene	10.45	166	1690	0.04	ng	# 76
60) Diethylphthalate	10.32	149	1436	0.03	ng	# 93
62) 4-Nitroaniline	10.67	138	107	0.01	ng	# 1
63) Azobenzene	10.60	77	868	0.02	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.69	198	1545	0.31	ng	# 1
66) n-Nitrosodiphenylamine	10.56	169	2260	0.06	ng	# 45
67) 4-Bromophenyl-phenylether	10.69	248	41582	3.10	ng	# 1
71) Phenanthrene	11.41	178	14968	0.24	ng	96
72) Anthracene	11.41	178	14968	0.24	ng	95
73) Carbazole	11.61	167	1807	0.03	ng	# 86
74) Di-n-butylphthalate	11.95	149	6770	0.10	ng	98
75) Fluoranthene	12.60	202	32752	0.49	ng	96
77) Benzidine	12.97	184	32416	1.14	ng	# 91
78) Pyrene	12.82	202	29014	0.53	ng	93
80) Butylbenzylphthalate	13.45	149	1371	0.06	ng	# 76
81) Benzo(a)anthracene	14.04	228	16167	0.37	ng	98
82) 3,3'-Dichlorobenzidine	13.89	252	114	0.01	ng	# 1
83) Chrysene	14.04	228	16167	0.36	ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	110602	4.16	ng	99
85) Di-n-octyl phthalate	14.61	149	53056	1.14	ng	# 37
86) Indeno(1,2,3-cd)pyrene	16.96	276	10037	0.24	ng	96
88) Benzo(b)fluoranthene	15.06	252	26159	0.59	ng	# 92
89) Benzo(k)fluoranthene	15.06	252	26159	0.62	ng	# 93
90) Benzo(a)pyrene	15.43	252	11061	0.27	ng	# 87
91) Dibenzo(a,h)anthracene	16.96	278	3142	0.09	ng	# 45
92) Benzo(g,h,i)perylene	17.39	276	9698	0.27	ng	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

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BNA_F

ClientSampleId :

72-12002

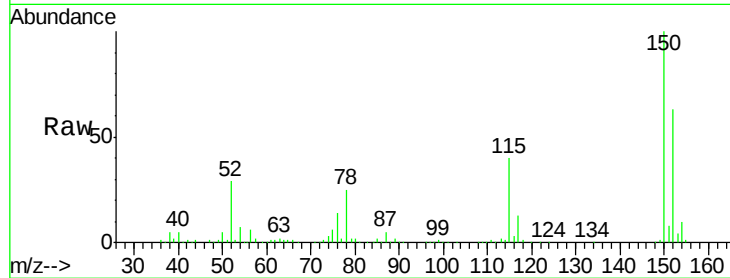
Tgt Ion:152 Resp: 360668

Ion Ratio Lower Upper

152 100

150 158.3 123.9 185.9

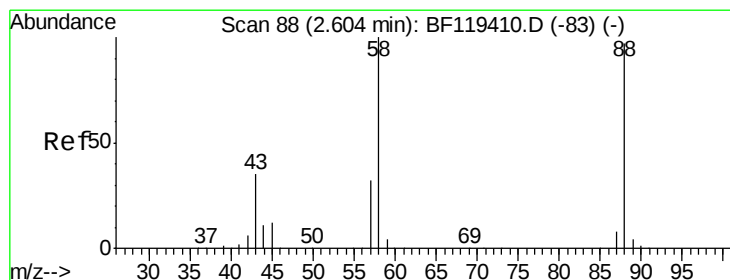
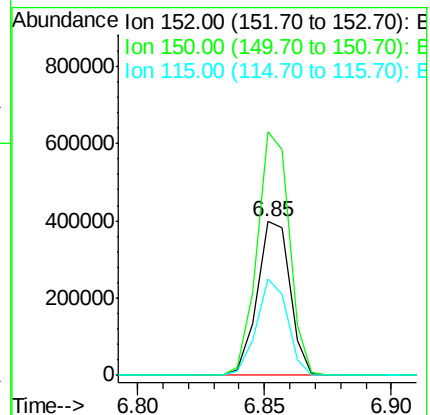
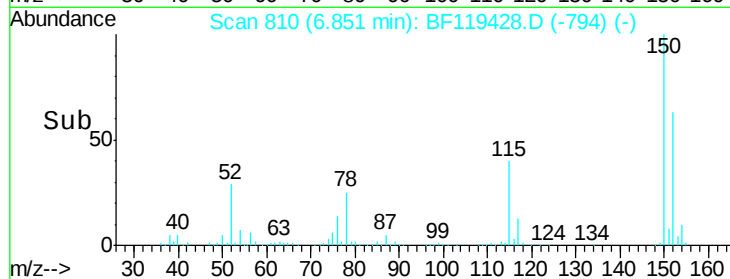
115 63.0 47.8 71.6



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



#2

1,4-Dioxane

Concen: 0.05 ng

RT: 2.59 min Scan# 86

Delta R.T. -0.01 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

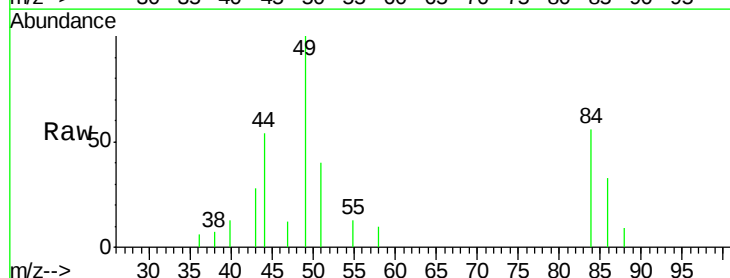
Tgt Ion: 88 Resp: 530

Ion Ratio Lower Upper

88 100

58 0.0 79.4 119.2#

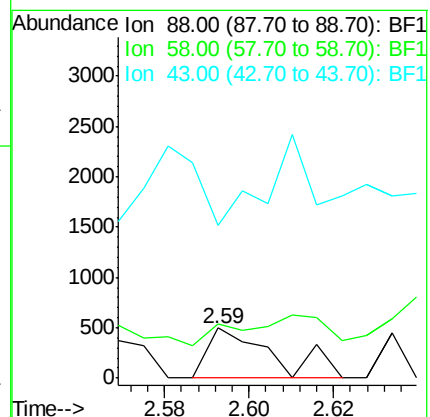
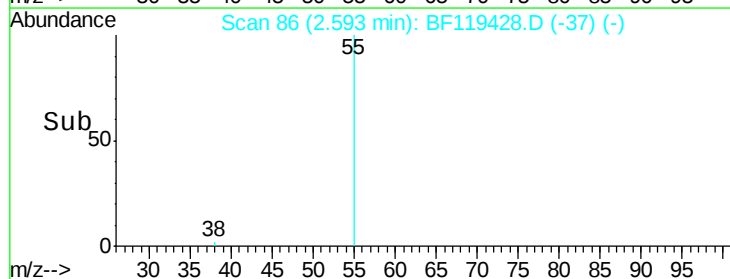
43 124.0 28.4 42.6#

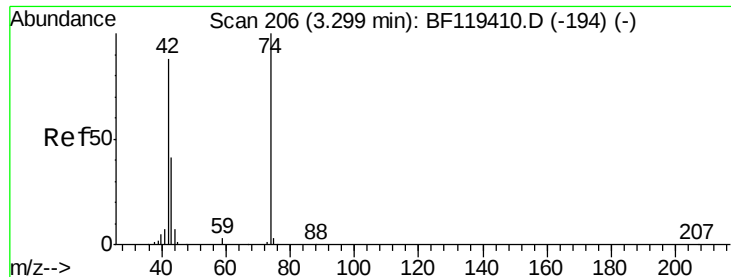


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1



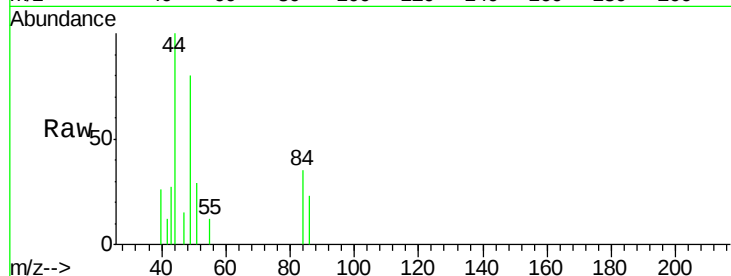


#4

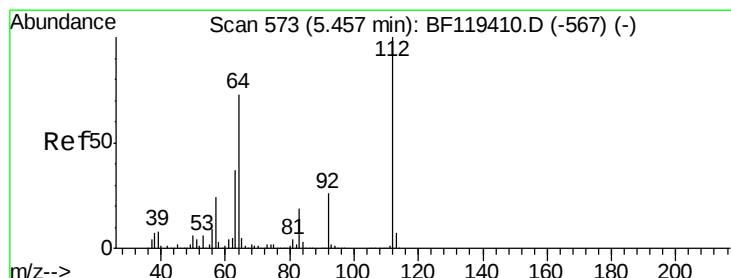
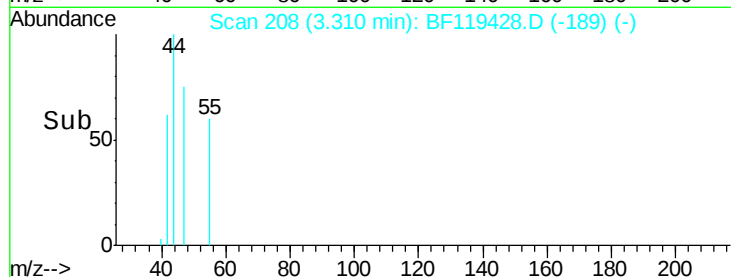
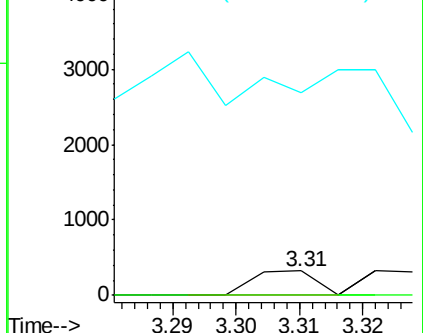
n-Nitrosodimethylamine
 Concen: 0.01 ng
 RT: 3.31 min Scan# 208
 Delta R.T. 0.01 min
 Lab File: BF119428.D
 Acq: 18 Mar 2020 21:26

Instrument :
 BNA_F
 ClientSampleId :
 72-12002

Tgt Ion: 42 Resp: 225
 Ion Ratio Lower Upper
 42 100
 74 0.0 91.3 136.9#
 44 829.2 7.1 10.7#



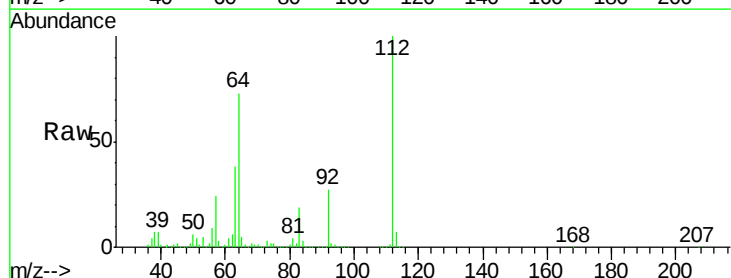
Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1



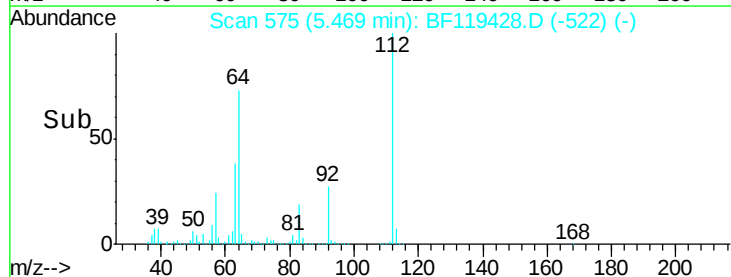
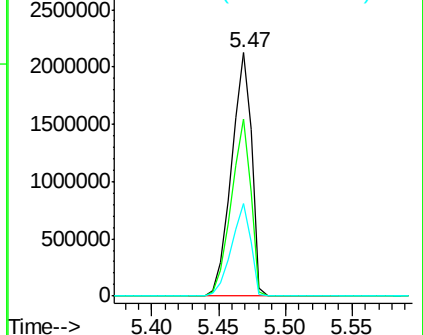
#5

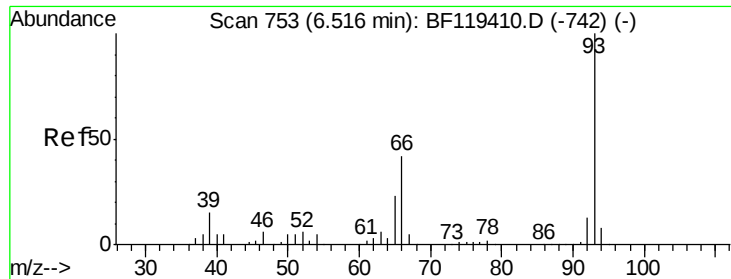
2-Fluorophenol
 Concen: 99.73 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.01 min
 Lab File: BF119428.D
 Acq: 18 Mar 2020 21:26

Tgt Ion: 112 Resp: 2259520
 Ion Ratio Lower Upper
 112 100
 64 72.7 58.1 87.1
 63 38.1 29.7 44.5



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





#6

Aniline

Concen: 0.01 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.04 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

Instrument :

BNA_F

ClientSampleId :

72-12002

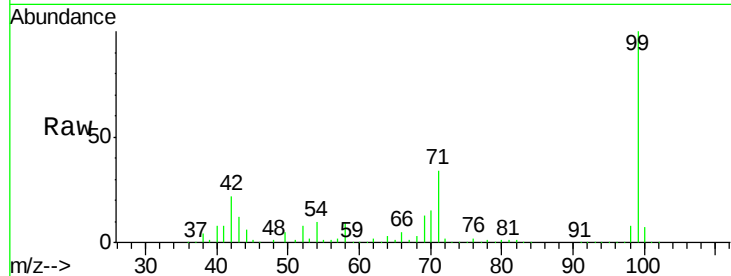
Tgt Ion: 93 Resp: 376

Ion Ratio Lower Upper

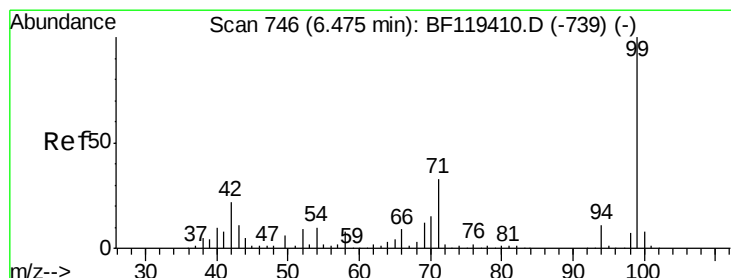
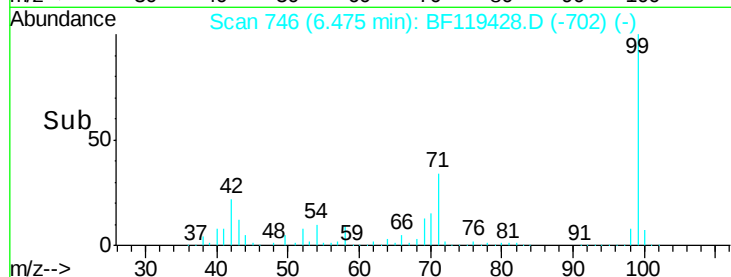
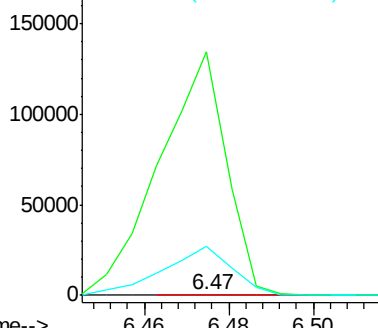
93 100

66 33119.2 34.2 51.4#

65 6713.3 18.2 27.4#



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: 99.75 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

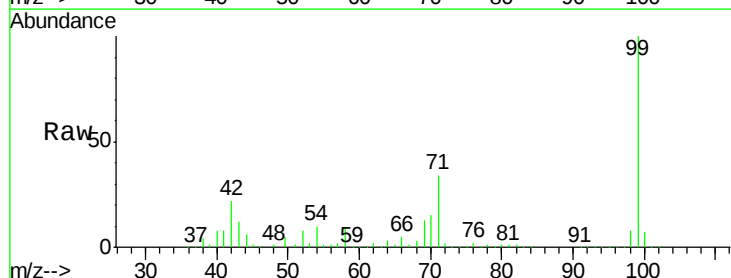
Tgt Ion: 99 Resp: 2887081

Ion Ratio Lower Upper

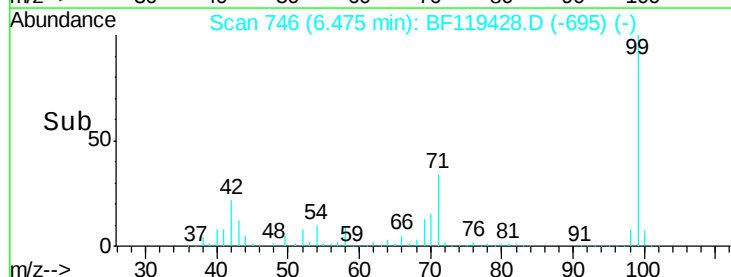
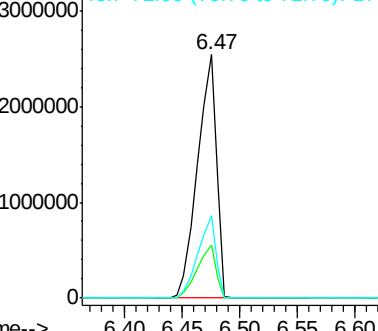
99 100

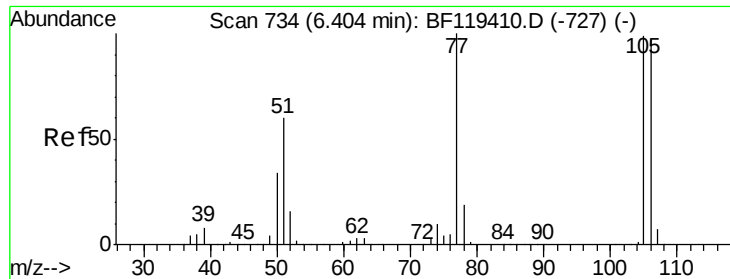
42 22.0 17.8 26.6

71 34.0 26.0 39.0



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: 0.02 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

Instrument :

BNA_F

ClientSampleId :

72-12002

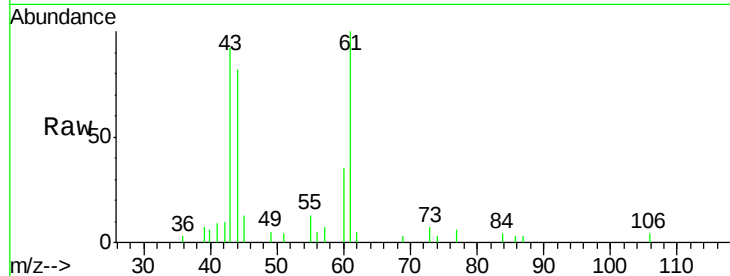
Tgt Ion: 77 Resp: 345

Ion Ratio Lower Upper

77 100

105 0.0 78.6 118.6#

106 64.6 76.5 116.5#



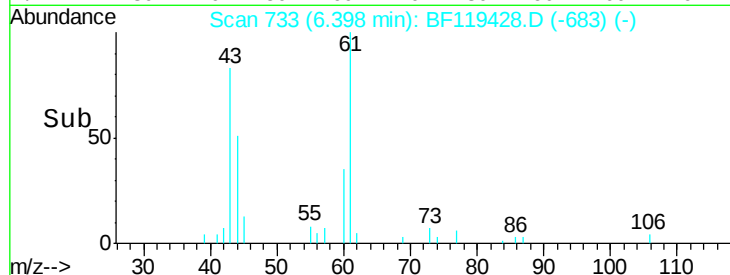
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

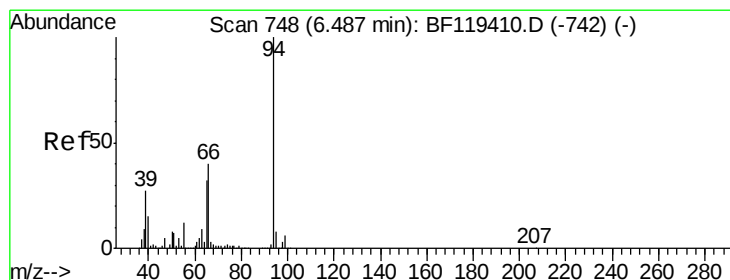
Ion 106.00 (105.70 to 106.70): BF1

6.40

6.38 6.40 6.42



Time-->



#10

Phenol

Concen: 0.37 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

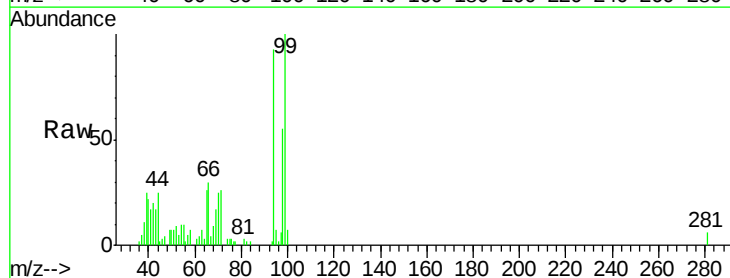
Tgt Ion: 94 Resp: 11411

Ion Ratio Lower Upper

94 100

65 27.9 12.0 52.0

66 32.6 20.6 60.6



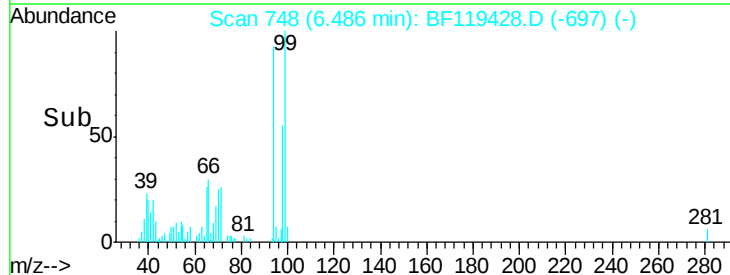
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

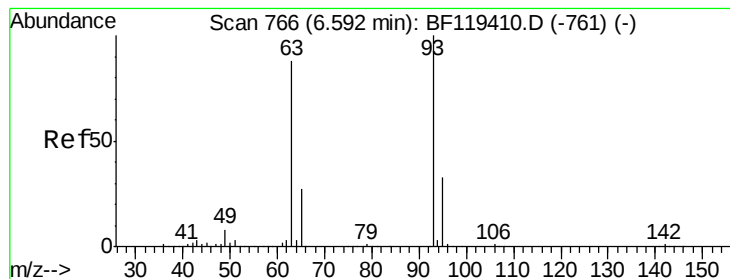
Ion 66.00 (65.70 to 66.70): BF1

6.49

6.44 6.46 6.48 6.50 6.52



Time-->



#11

bis(2-Chloroethyl)ether

Concen: 0.02 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.12 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

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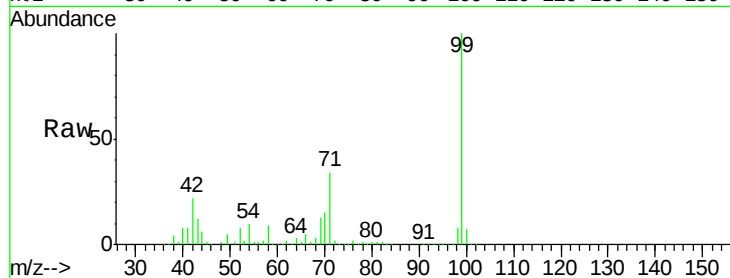
Tgt Ion: 93 Resp: 376

Ion Ratio Lower Upper

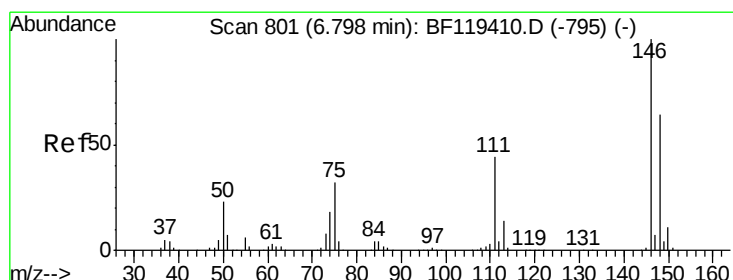
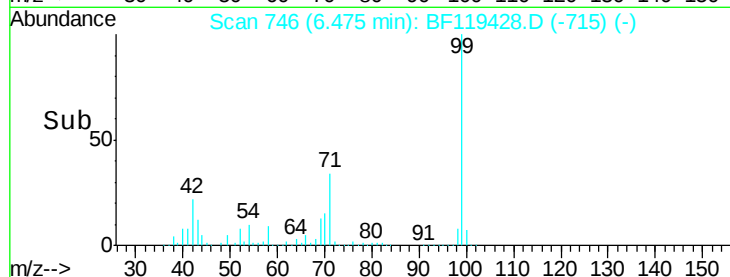
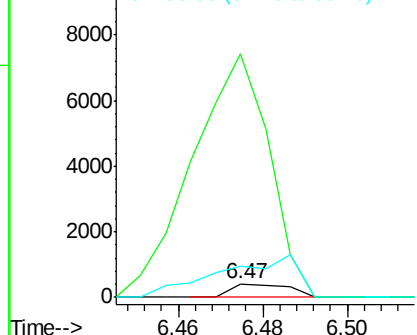
93 100

63 1828.3 68.4 108.4#

95 233.7 13.4 53.4#



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



#12

1,3-Dichlorobenzene

Concen: 0.01 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.07 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

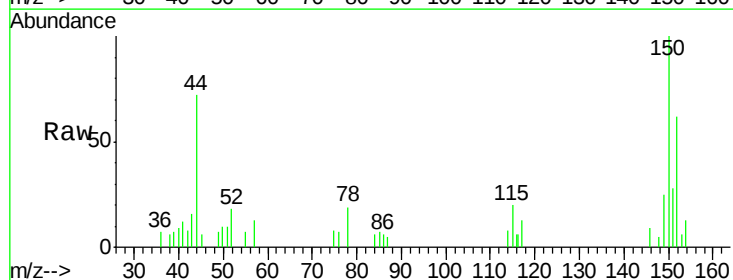
Tgt Ion: 146 Resp: 359

Ion Ratio Lower Upper

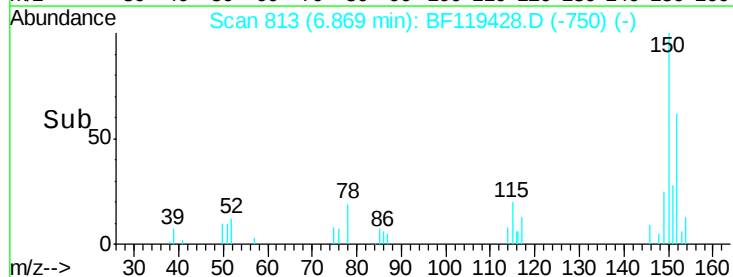
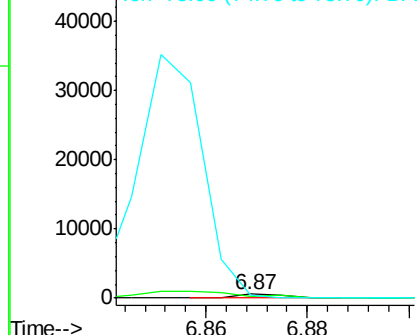
146 100

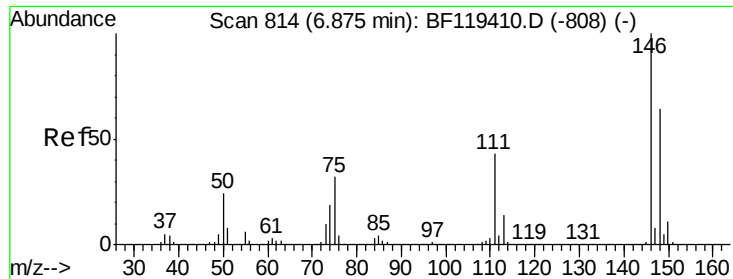
148 53.0 51.4 77.0

75 80.7 25.8 38.8#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

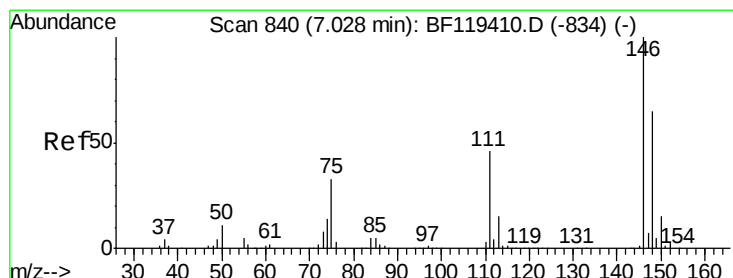
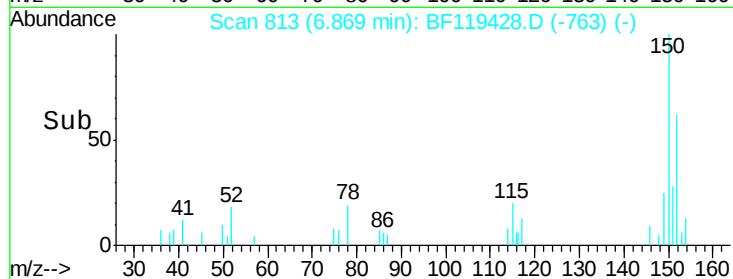
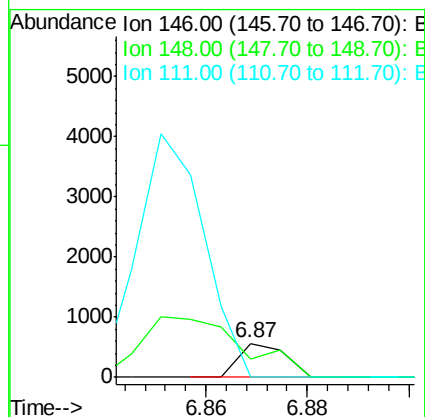
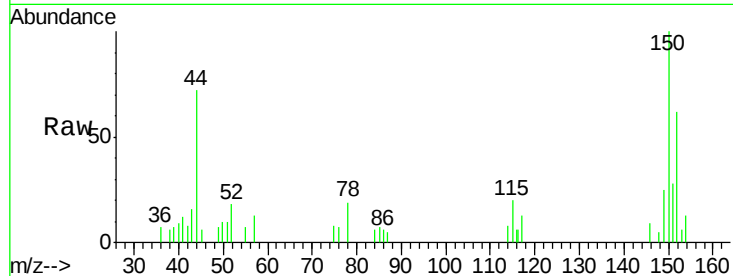




#13
 1,4-Dichlorobenzene
 Concen: 0.01 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF119428.D
 Acq: 18 Mar 2020 21:26

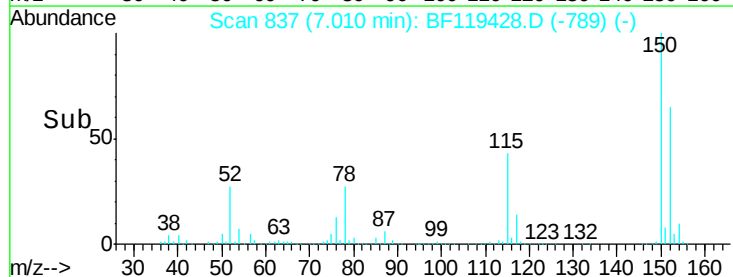
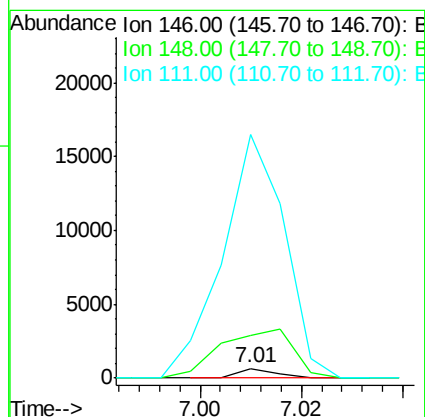
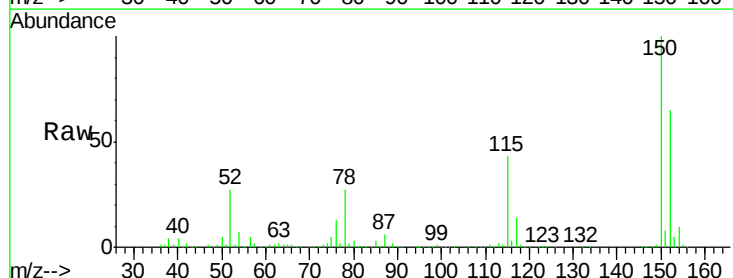
Instrument :
 BNA_F
 ClientSampleId :
 72-12002

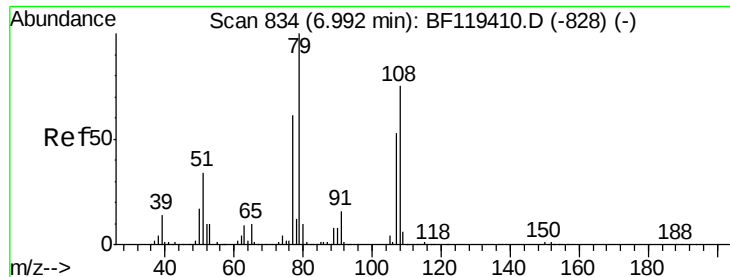
Tgt Ion:146 Resp: 359
 Ion Ratio Lower Upper
 146 100
 148 53.0 50.9 76.3
 111 0.0 34.6 52.0#



#14
 1,2-Dichlorobenzene
 Concen: 0.01 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.02 min
 Lab File: BF119428.D
 Acq: 18 Mar 2020 21:26

Tgt Ion:146 Resp: 350
 Ion Ratio Lower Upper
 146 100
 148 438.5 51.7 77.5#
 111 2472.0 36.4 54.6#





#15

Benzyl Alcohol

Concen: 1.32 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.02 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

Instrument :

BNA_F

ClientSampleId :

72-12002

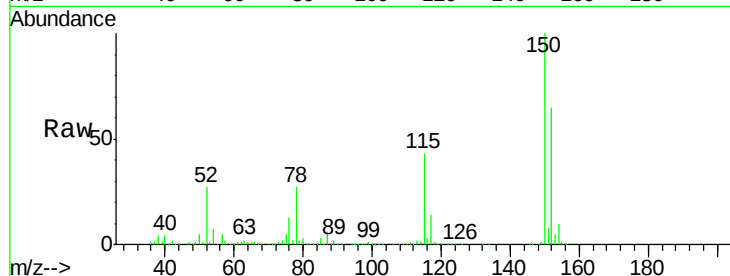
Tgt Ion: 79 Resp: 28788

Ion Ratio Lower Upper

79 100

108 24.8 60.4 90.6#

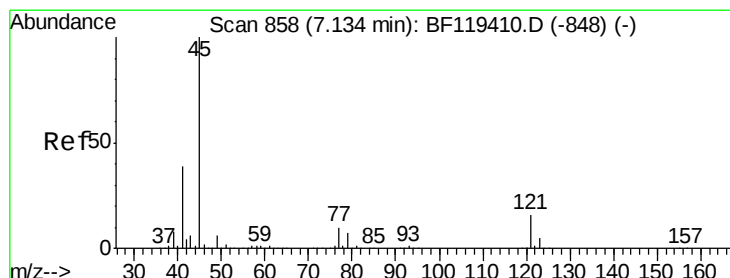
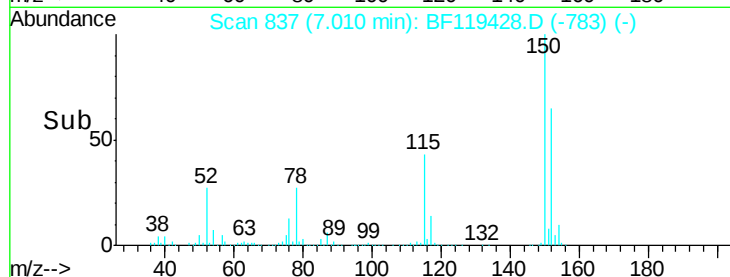
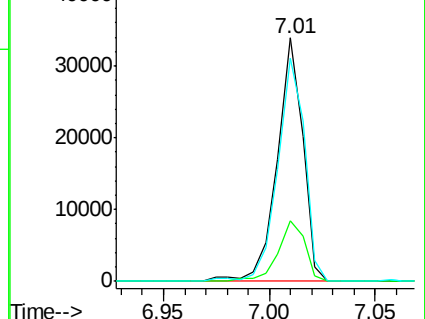
77 91.6 49.0 73.4#



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.00 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

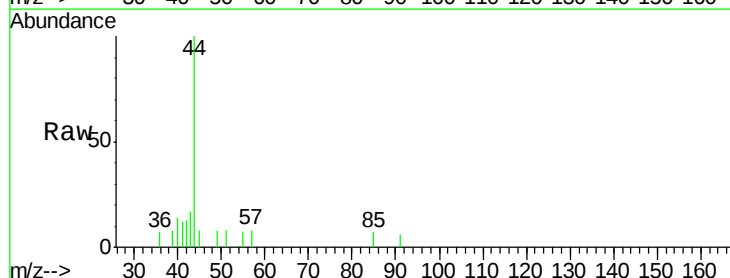
Tgt Ion: 45 Resp: 144

Ion Ratio Lower Upper

45 100

77 0.0 0.0 30.1

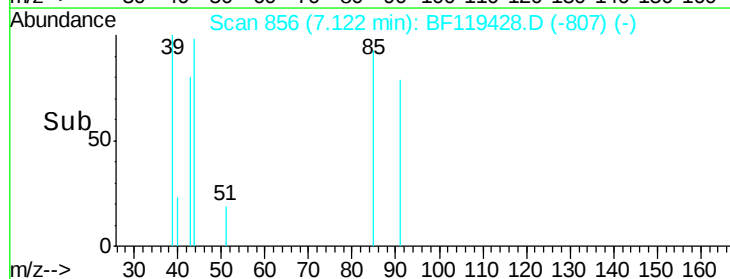
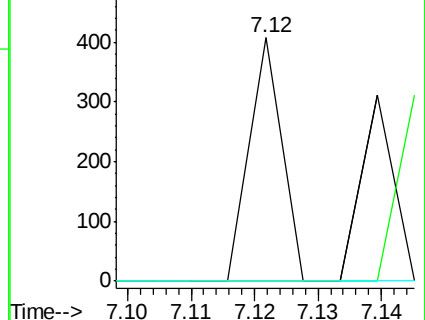
79 0.0 0.0 27.4

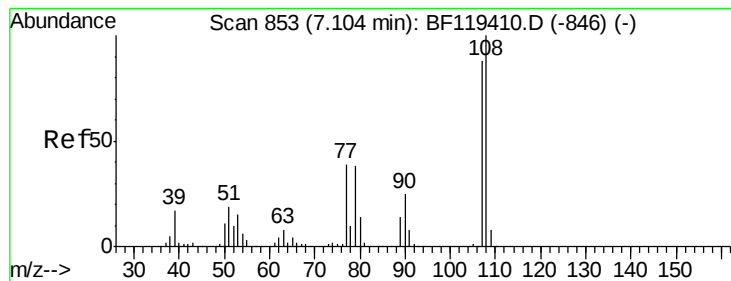


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 0.01 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.12 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

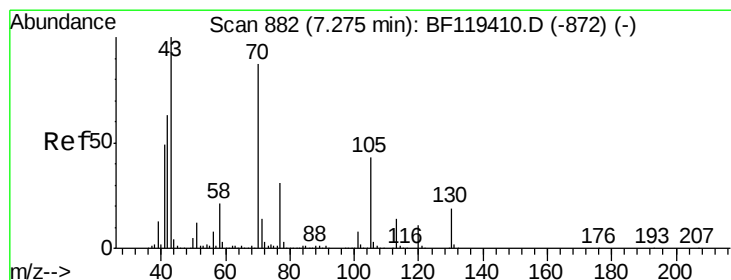
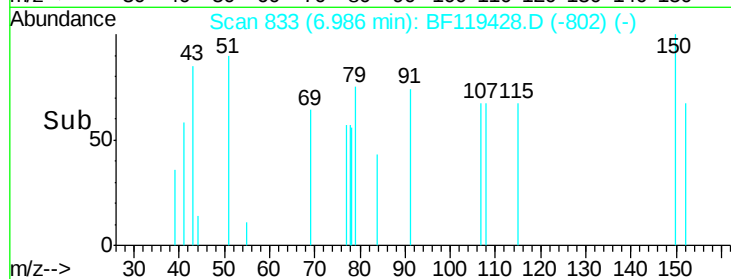
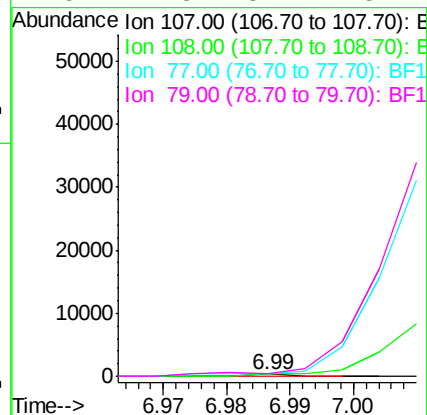
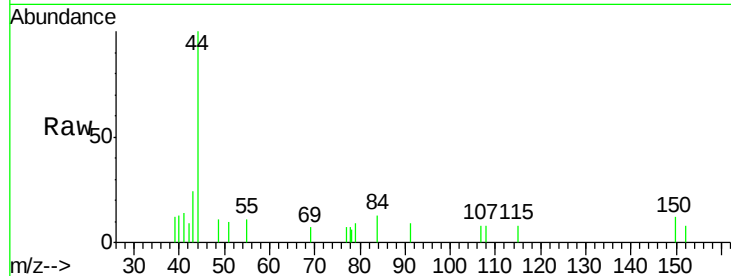
Instrument :

BNA_F

ClientSampleId :

72-12002

Tgt Ion:	107	Resp:	134
Ion	Ratio	Lower	Upper
107	100		
108	99.5	90.7	136.1
77	84.5	35.6	53.4#
79	111.3	34.7	52.1#



#19

n-Nitroso-di-n-propylamine

Concen: 13.41 ng

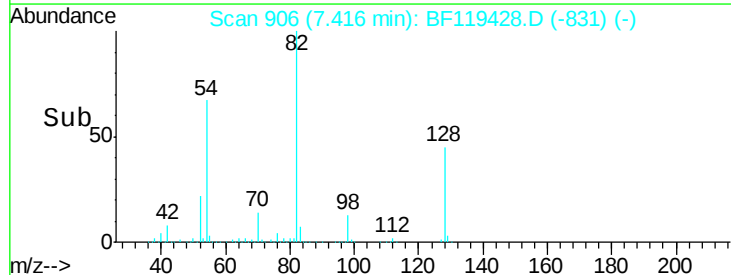
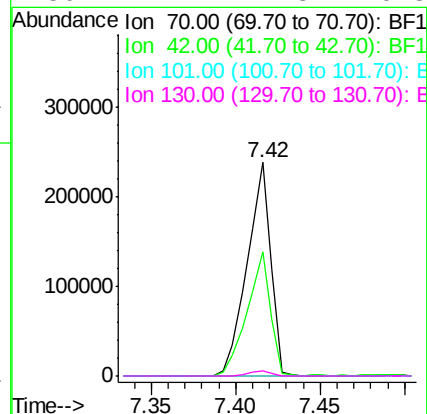
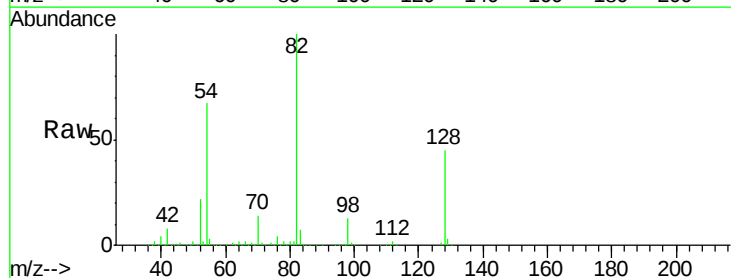
RT: 7.42 min Scan# 906

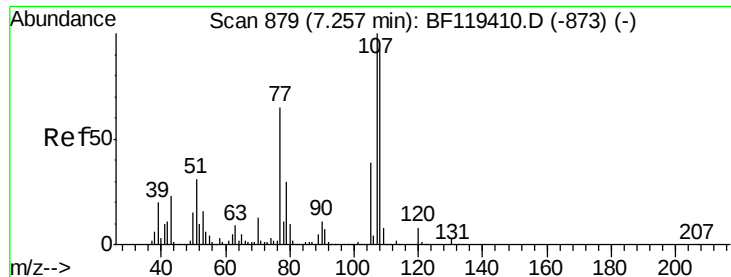
Delta R.T. 0.14 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

Tgt Ion:	70	Resp:	233920
Ion	Ratio	Lower	Upper
70	100		
42	58.0	58.2	87.4#
101	0.0	7.4	11.2#
130	2.1	17.8	26.8#





#20

3+4-Methylphenols

Concen: 0.01 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.27 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

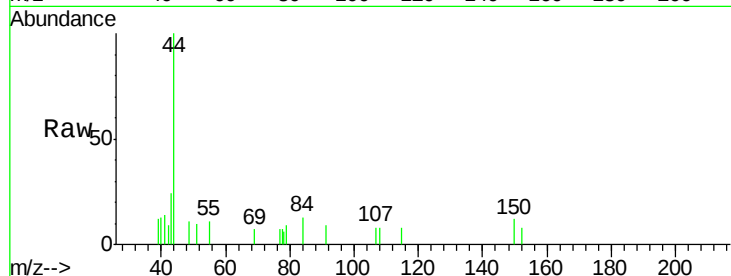
Instrument :

BNA_F

ClientSampleId :

72-12002

Tgt Ion:	107	Resp:	134
Ion	Ratio	Lower	Upper
107	100		
108	99.5	72.6	112.6
77	84.5	44.7	84.7
79	111.3	10.2	50.2#



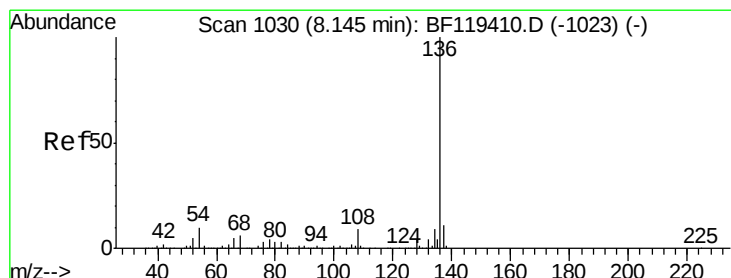
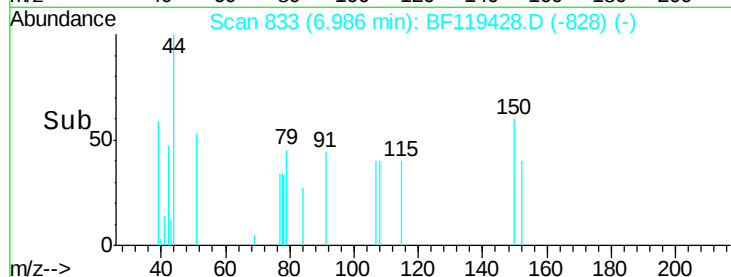
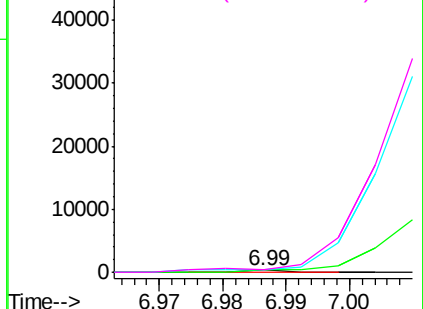
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.00 ng

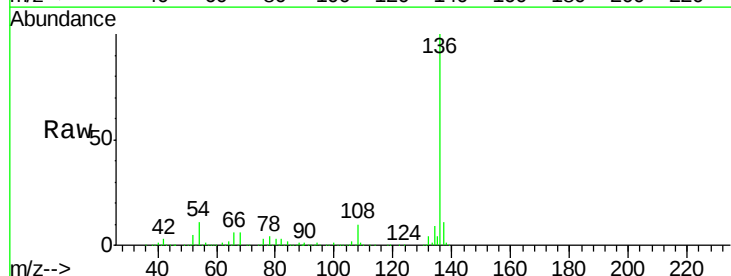
RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

Tgt Ion:	136	Resp:	1369066
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	11.4	8.3	12.5
68	6.4	4.9	7.3



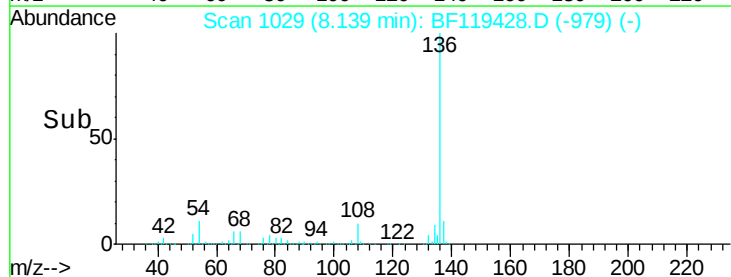
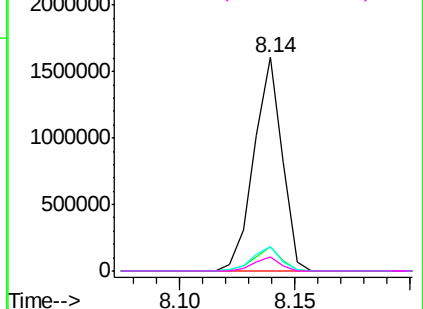
Abundance

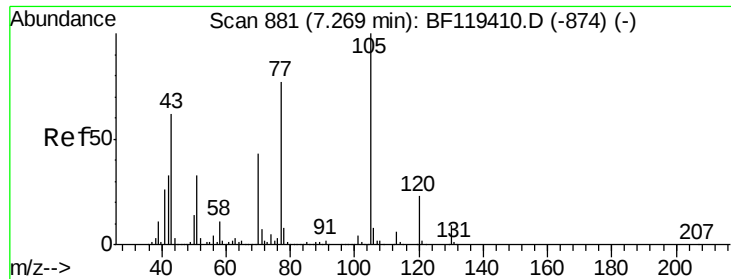
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#22

Acetophenone

Concen: 0.03 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

Instrument :

BNA_F

ClientSampleId :

72-12002

Tgt Ion: 105 Resp: 836

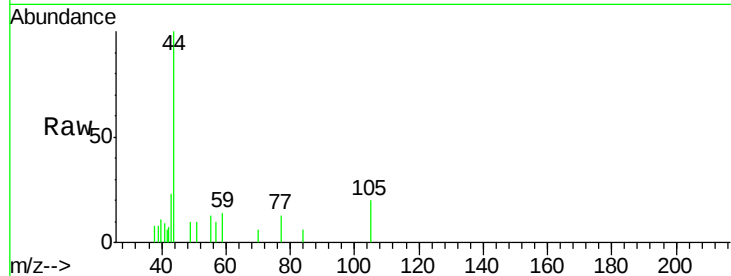
Ion Ratio Lower Upper

105 100

71 0.0 5.8 8.6#

51 50.8 26.8 40.2#

120 0.0 18.0 27.0#

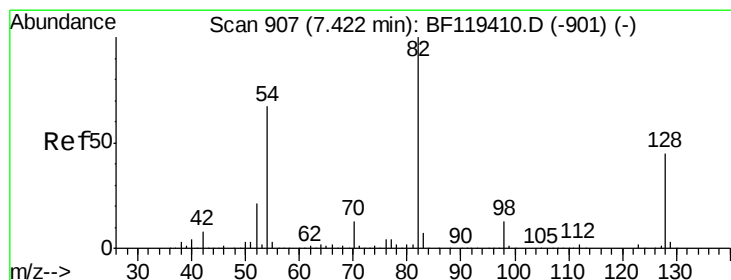
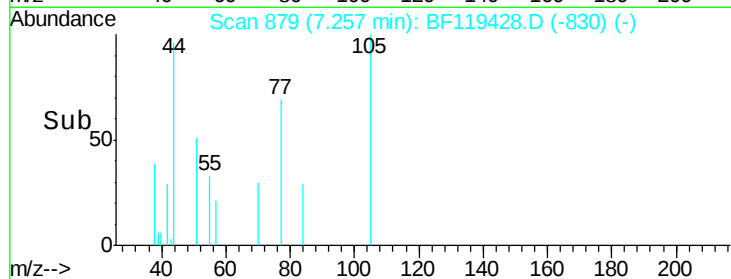
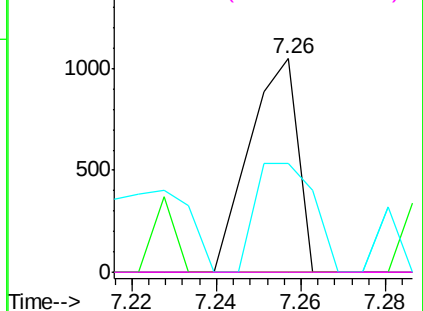


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 69.97 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

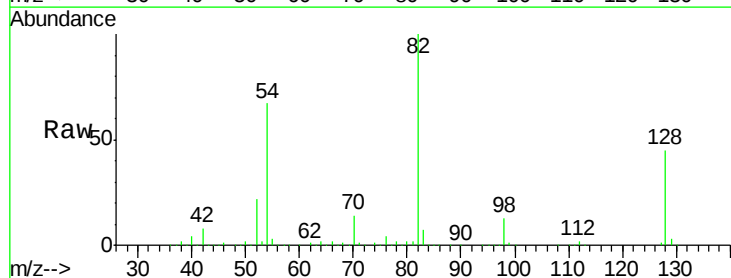
Tgt Ion: 82 Resp: 1762721

Ion Ratio Lower Upper

82 100

128 44.6 35.8 53.8

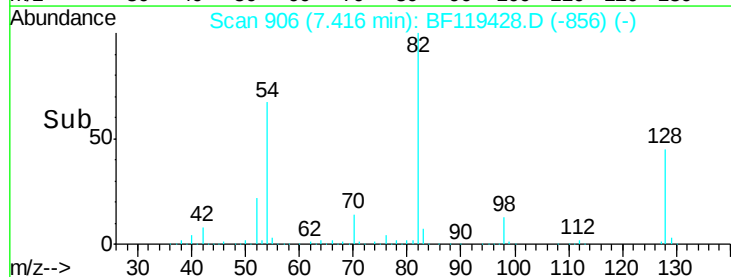
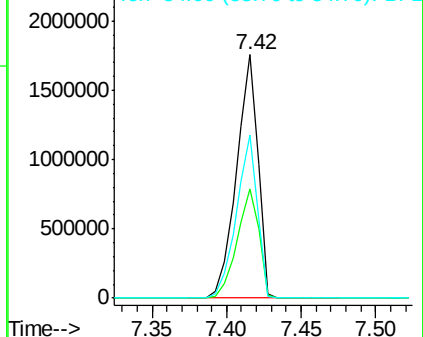
54 66.8 53.4 80.0

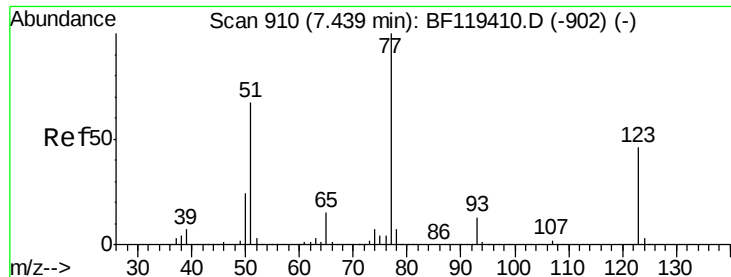


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

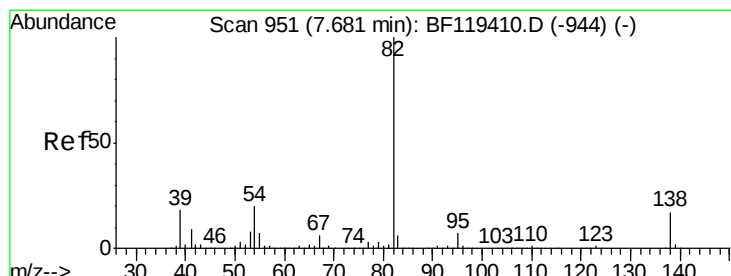
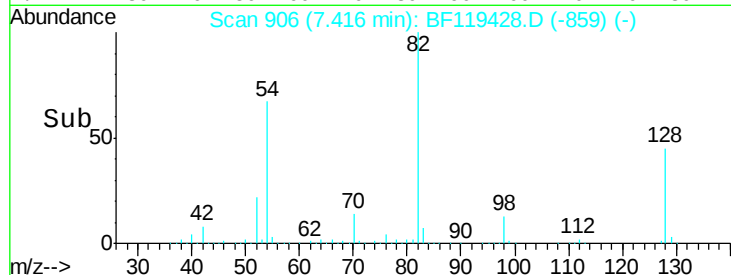
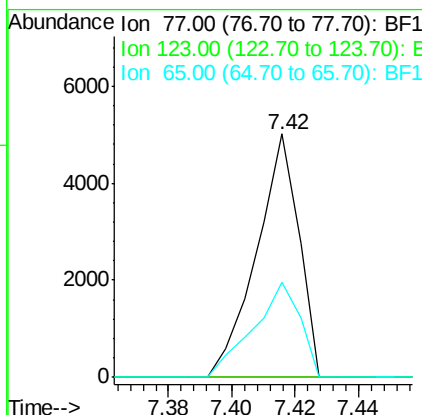
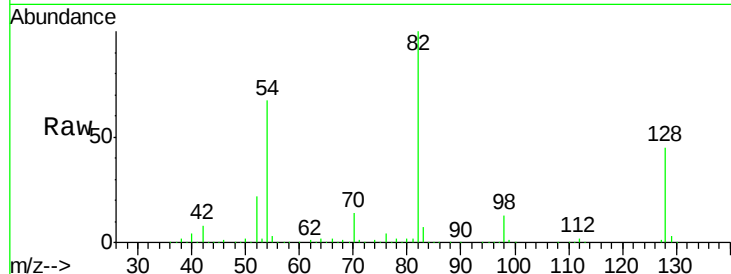




#24
 Nitrobenzene
 Concen: 0.17 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BF119428.D
 Acq: 18 Mar 2020 21:26

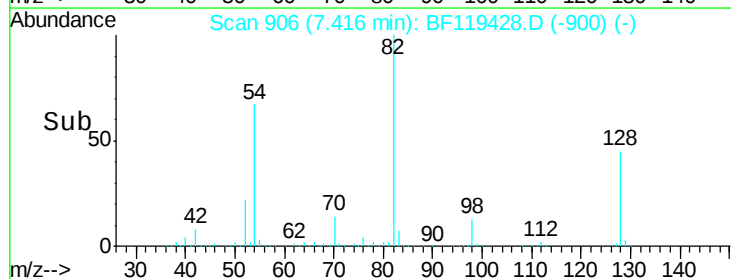
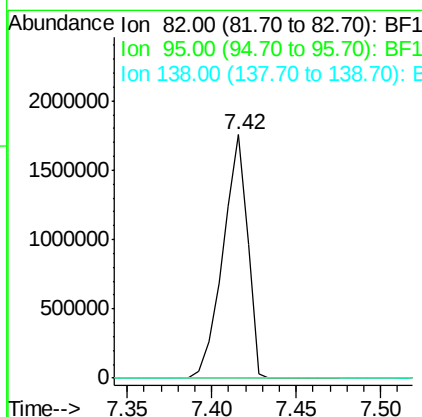
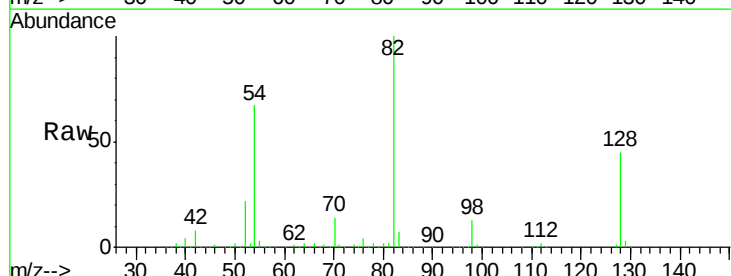
Instrument :
 BNA_F
 ClientSampleId :
 72-12002

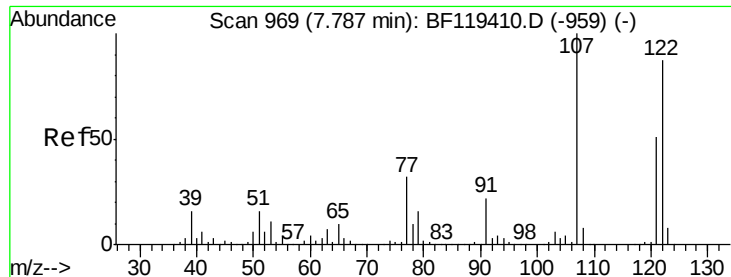
Tgt Ion: 77 Resp: 4648
 Ion Ratio Lower Upper
 77 100
 123 0.0 36.9 55.3#
 65 39.1 12.2 18.4#



#25
 Isophorone
 Concen: 34.47 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.26 min
 Lab File: BF119428.D
 Acq: 18 Mar 2020 21:26

Tgt Ion: 82 Resp: 1761580
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 13.8 20.8#

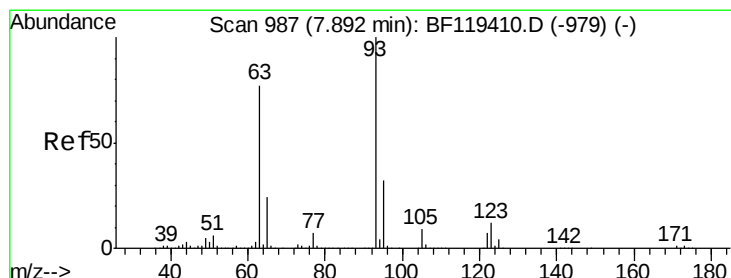
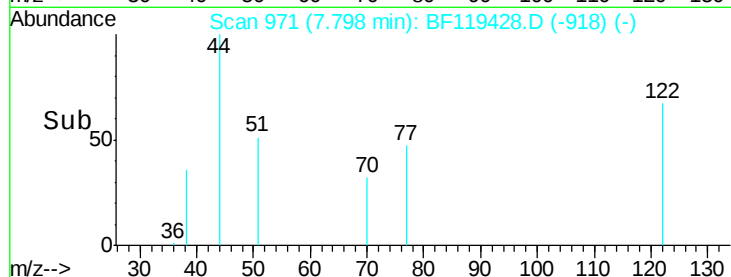
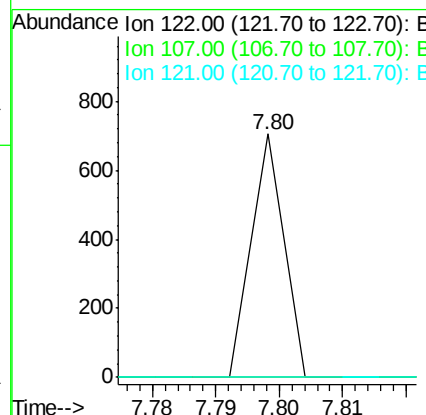
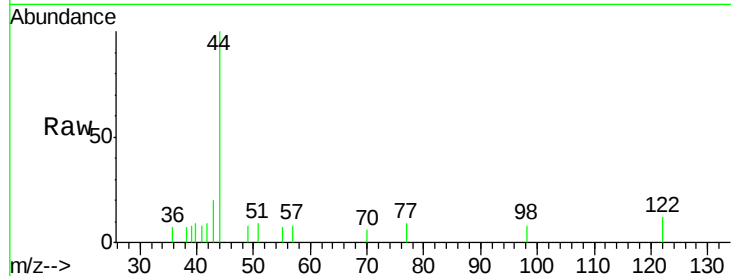




#27
 2,4-Dimethylphenol
 Concen: 0.01 ng
 RT: 7.80 min Scan# 971
 Delta R.T. 0.01 min
 Lab File: BF119428.D
 Acq: 18 Mar 2020 21:26

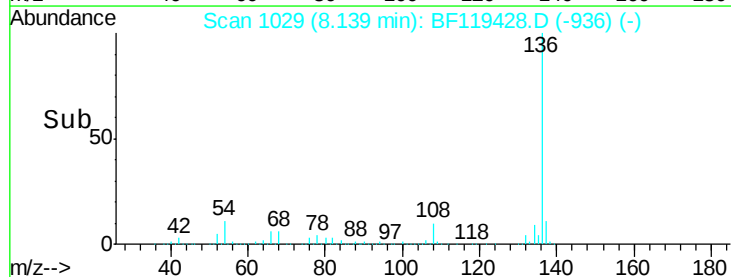
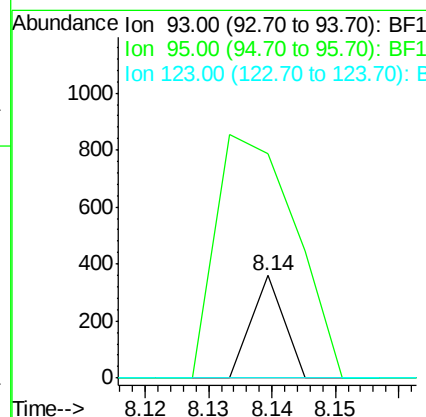
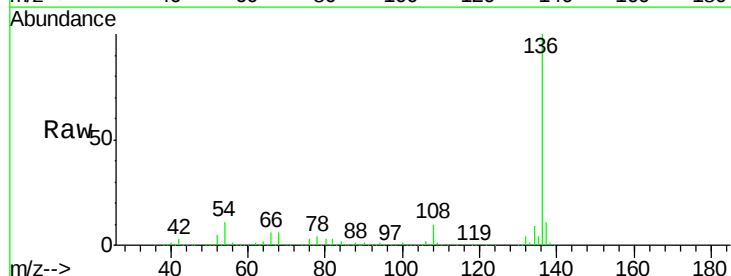
Instrument :
 BNA_F
 ClientSampled :
 72-12002

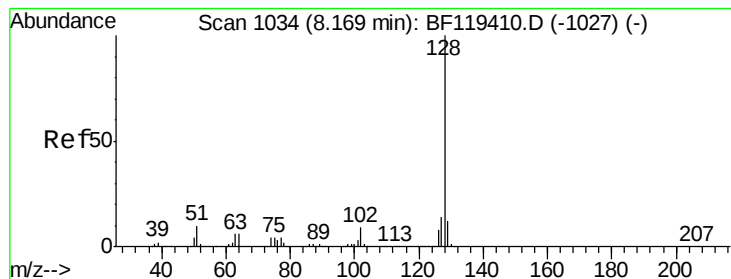
Tgt Ion:122 Resp: 249
 Ion Ratio Lower Upper
 122 100
 107 0.0 91.8 137.6#
 121 0.0 46.5 69.7#



#28
 bis(2-Chloroethoxy)methane
 Concen: 0.00 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. 0.25 min
 Lab File: BF119428.D
 Acq: 18 Mar 2020 21:26

Tgt Ion: 93 Resp: 127
 Ion Ratio Lower Upper
 93 100
 95 219.8 26.0 39.0#
 123 0.0 9.7 14.5#





#31

Naphthalene

Concen: 0.02 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

Instrument :

BNA_F

ClientSampleId :

72-12002

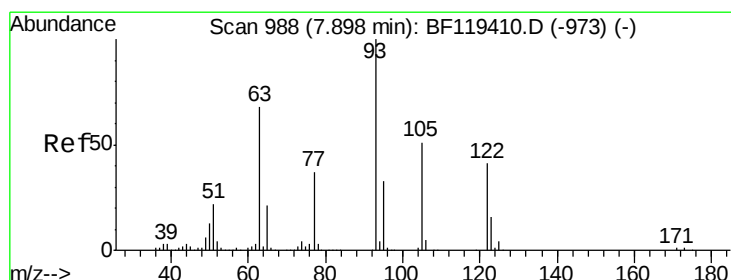
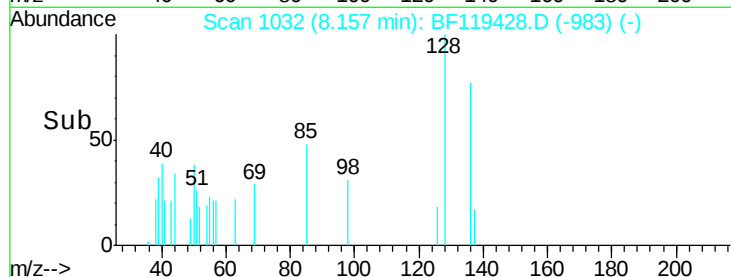
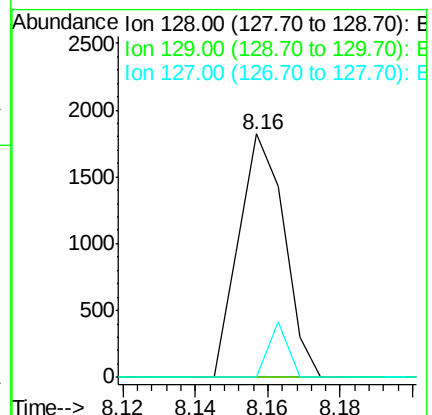
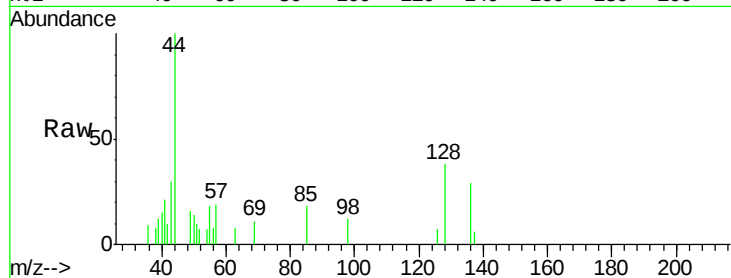
Tgt Ion:128 Resp: 1585

Ion Ratio Lower Upper

128 100

129 0.0 9.3 13.9#

127 0.0 11.0 16.4#



#32

Benzoic acid

Concen: 0.02 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.10 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

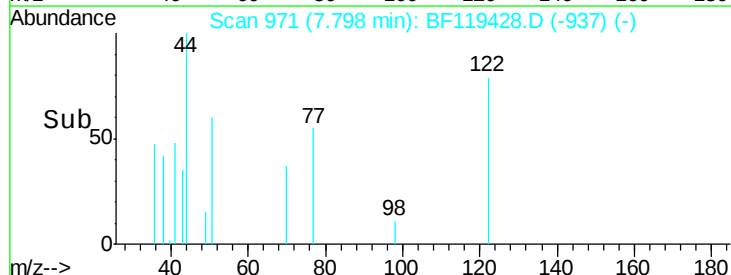
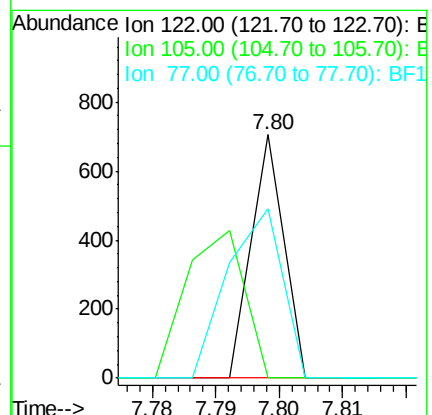
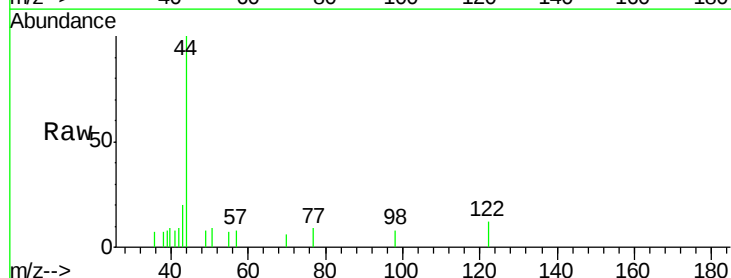
Tgt Ion:122 Resp: 249

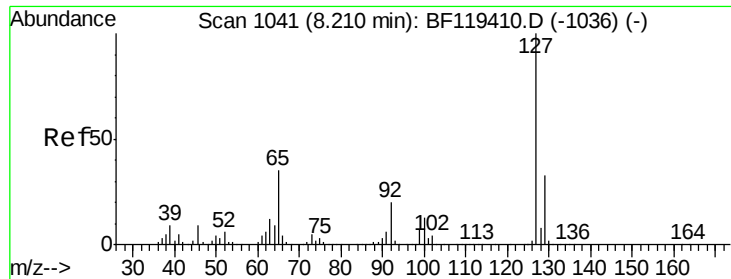
Ion Ratio Lower Upper

122 100

105 0.0 102.9 142.9#

77 69.5 70.1 110.1#

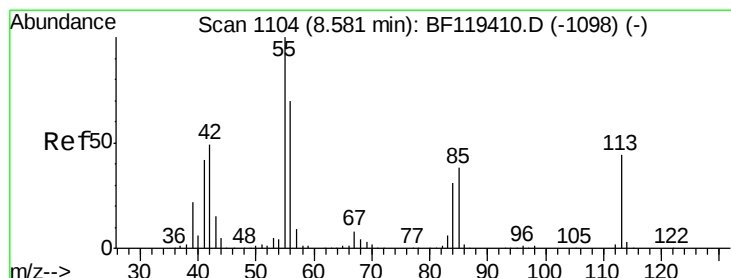
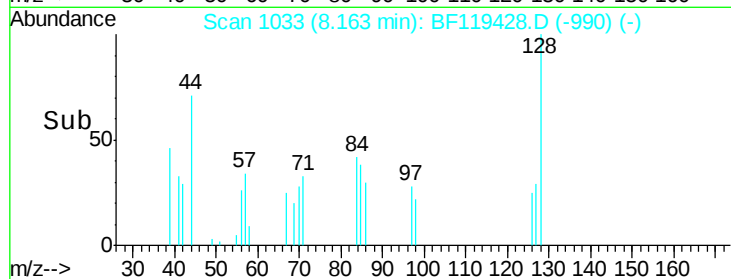
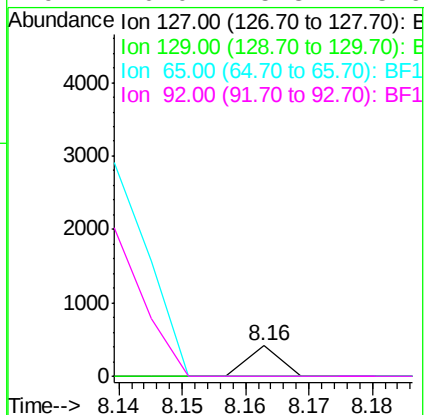
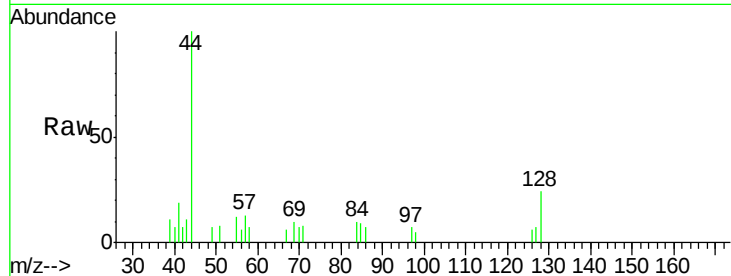




#33
4-Chloroaniline
Concen: 0.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.05 min
Lab File: BF119428.D
Acq: 18 Mar 2020 21:26

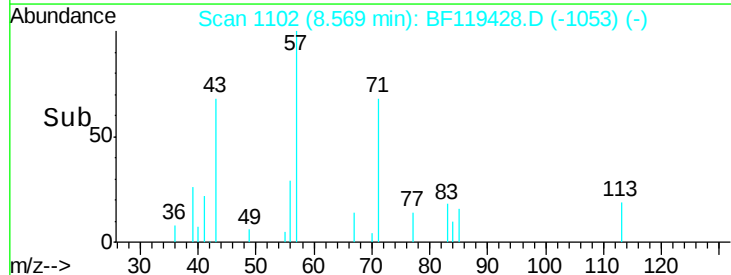
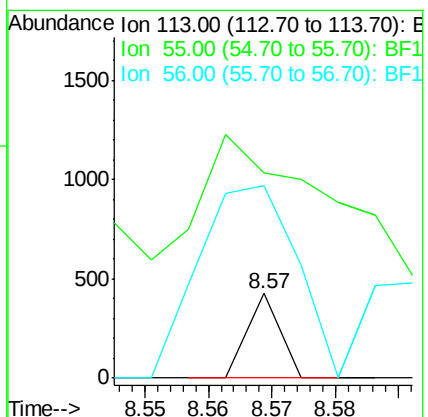
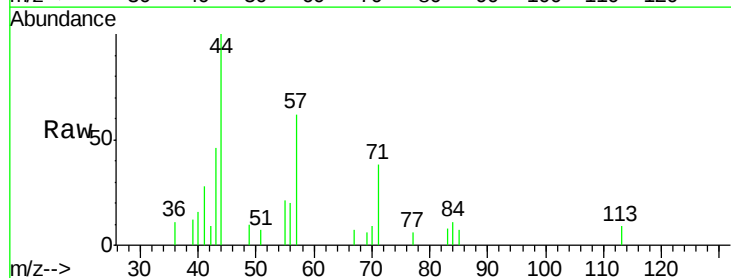
Instrument :
BNA_F
ClientSampleId :
72-12002

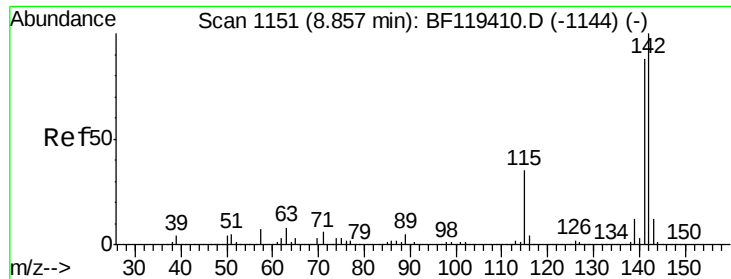
Tgt Ion:	127	Resp:	146
Ion	Ratio	Lower	Upper
127	100		
129	0.0	26.2	39.4#
65	0.0	27.7	41.5#
92	0.0	15.8	23.6#



#35
Caprolactam
Concen: 0.02 ng
RT: 8.57 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BF119428.D
Acq: 18 Mar 2020 21:26

Tgt Ion:	113	Resp:	151
Ion	Ratio	Lower	Upper
113	100		
55	241.5	208.4	248.4
56	227.2	138.9	178.9#

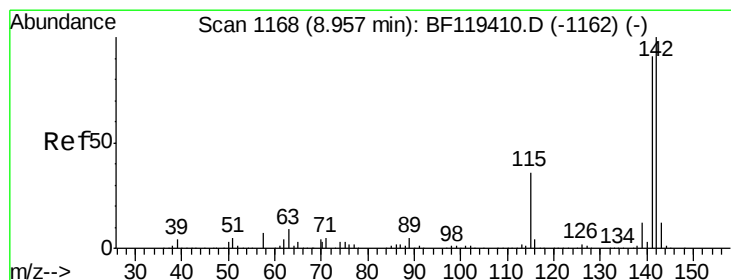
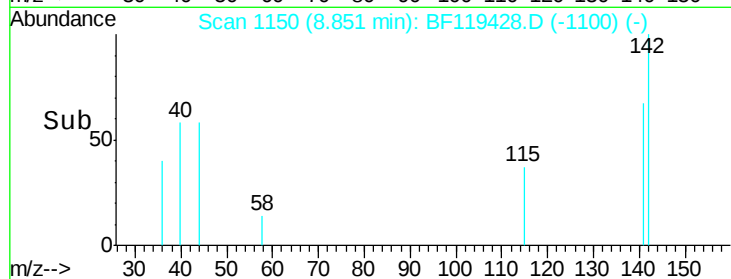
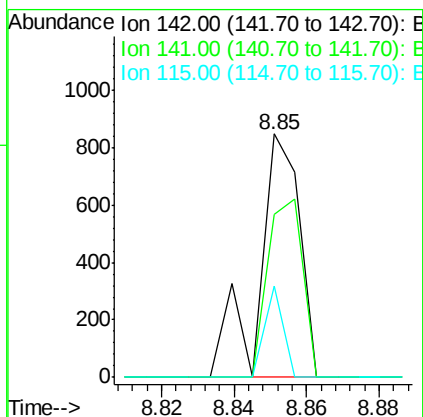
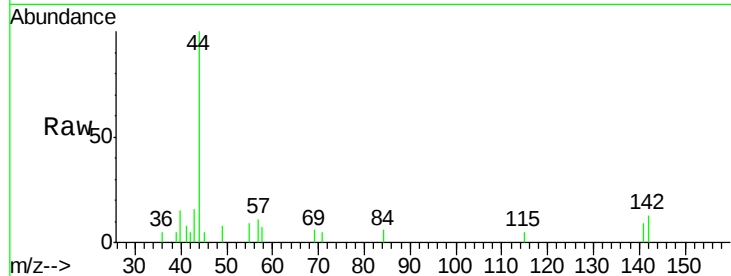




#37
2-Methylnaphthalene
Concen: 0.01 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF119428.D
Acq: 18 Mar 2020 21:26

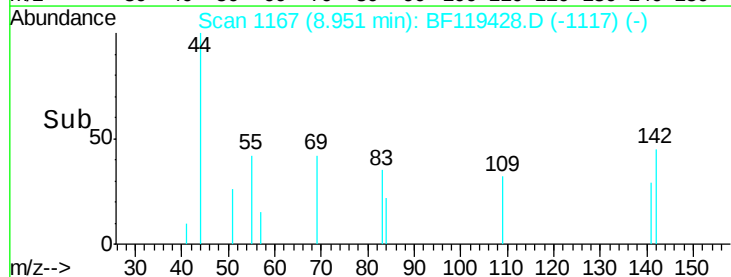
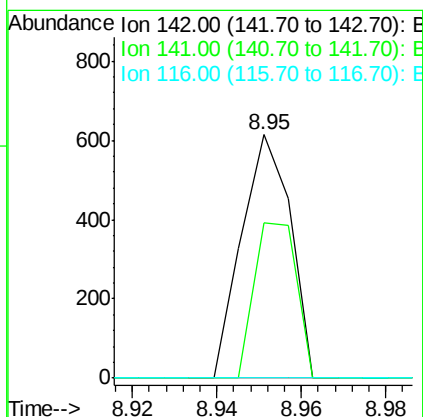
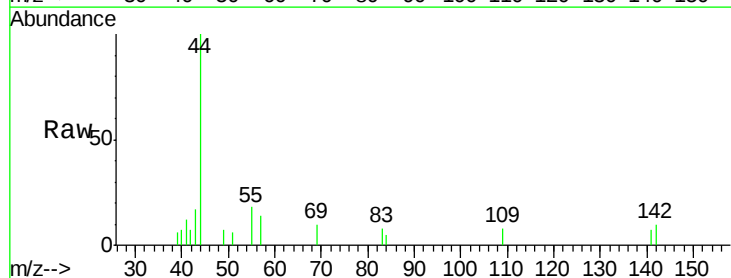
Instrument :
BNA_F
ClientSampled :
72-12002

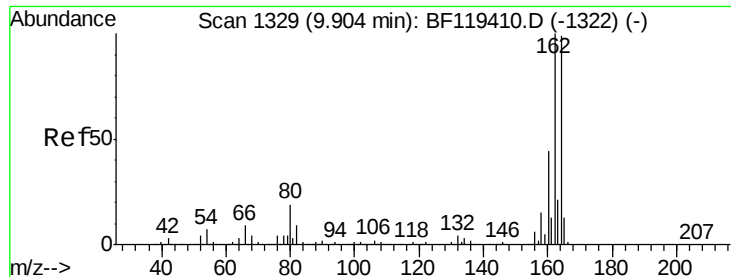
Tgt Ion:142 Resp: 667
Ion Ratio Lower Upper
142 100
141 66.9 70.4 105.6#
115 37.3 27.8 41.6



#38
1-Methylnaphthalene
Concen: 0.01 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF119428.D
Acq: 18 Mar 2020 21:26

Tgt Ion:142 Resp: 493
Ion Ratio Lower Upper
142 100
141 64.0 73.1 109.7#
116 0.0 3.0 4.6#

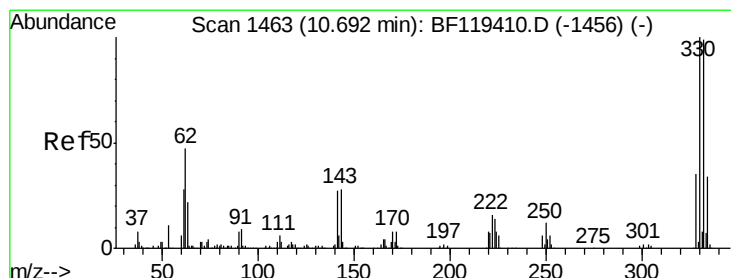
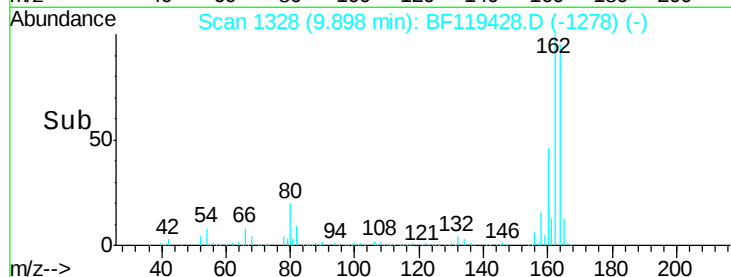
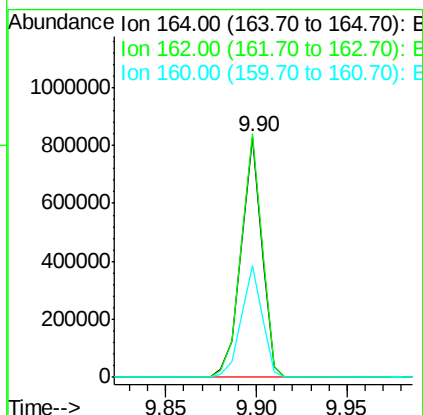
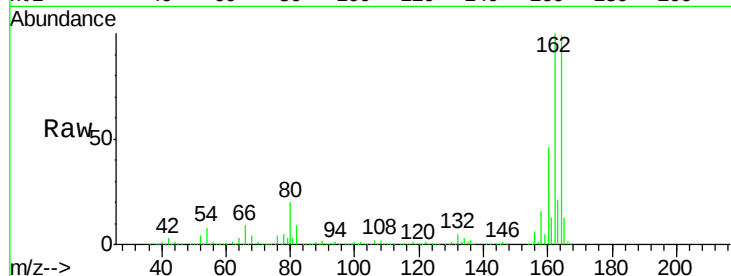




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF119428.D
Acq: 18 Mar 2020 21:26

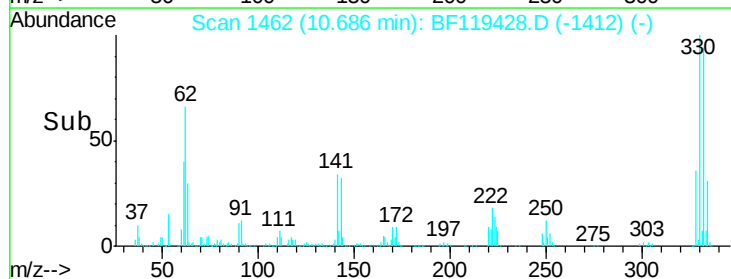
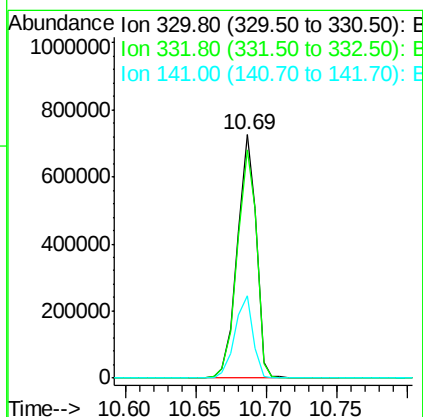
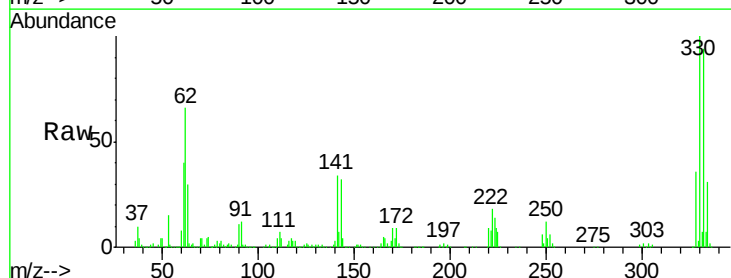
Instrument :
BNA_F
ClientSampled :
72-12002

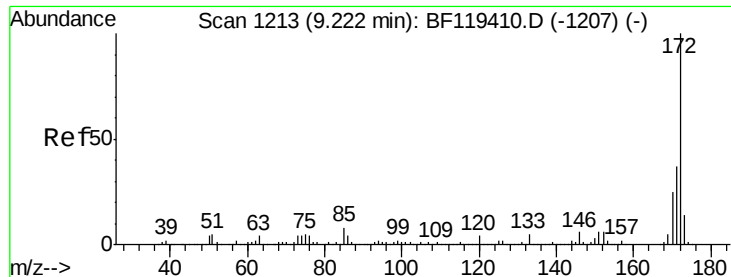
Tgt Ion:164 Resp: 665572
Ion Ratio Lower Upper
164 100
162 101.3 80.7 121.1
160 46.3 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 98.37 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF119428.D
Acq: 18 Mar 2020 21:26

Tgt Ion:330 Resp: 675435
Ion Ratio Lower Upper
330 100
332 96.1 77.6 116.4
141 33.0 26.6 40.0

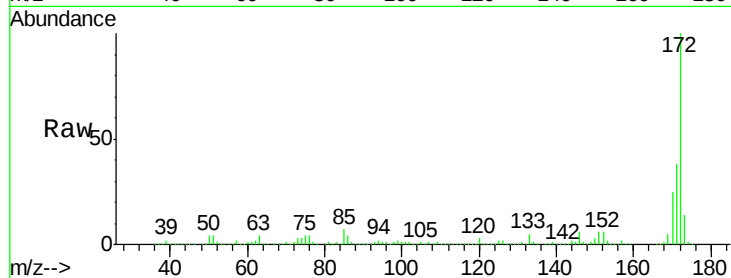




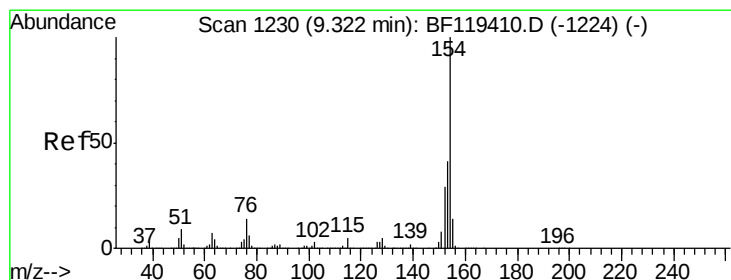
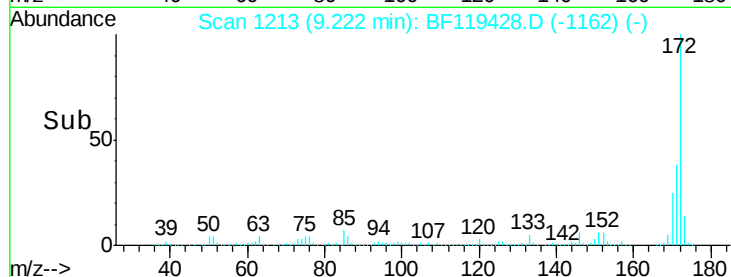
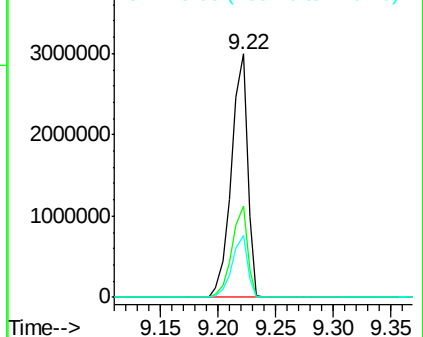
#45
2-Fluorobiphenyl
Concen: 64.87 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF119428.D
Acq: 18 Mar 2020 21:26

Instrument :
BNA_F
ClientSampleId :
72-12002

Tgt Ion:172 Resp: 2914375
Ion Ratio Lower Upper
172 100
171 37.5 29.9 44.9
170 25.3 20.1 30.1

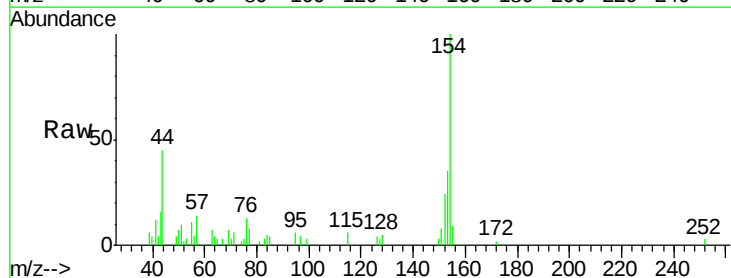


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

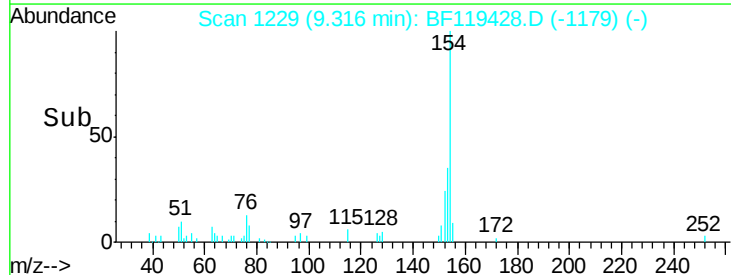
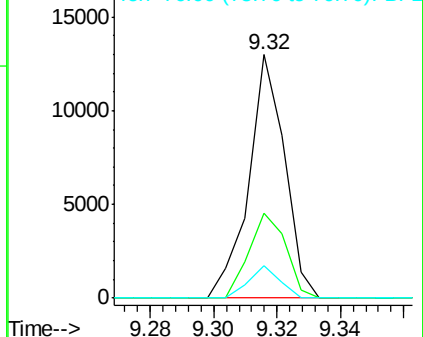


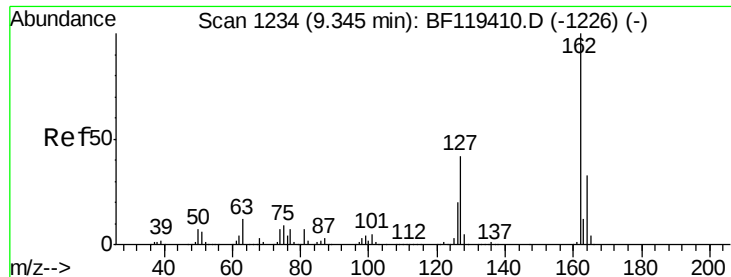
#46
1,1'-Biphenyl
Concen: 0.19 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF119428.D
Acq: 18 Mar 2020 21:26

Tgt Ion:154 Resp: 10203
Ion Ratio Lower Upper
154 100
153 35.1 21.4 61.4
76 13.4 0.0 33.6



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

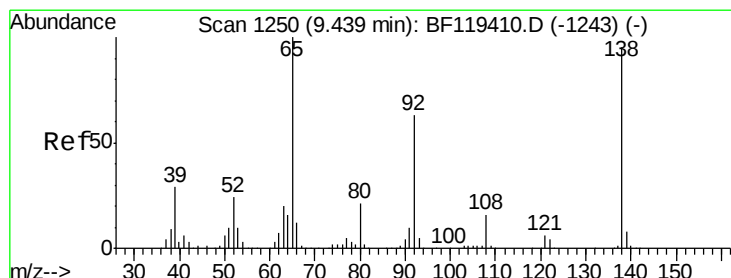
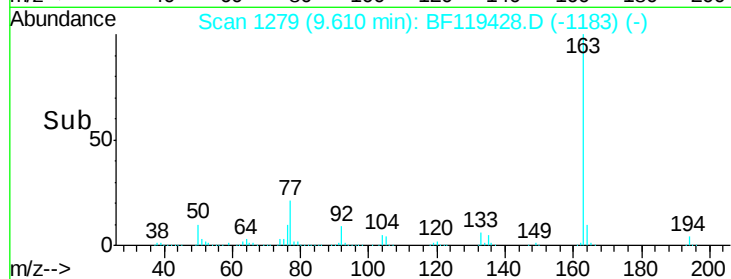
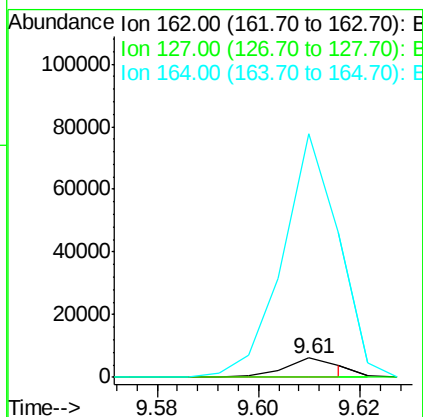
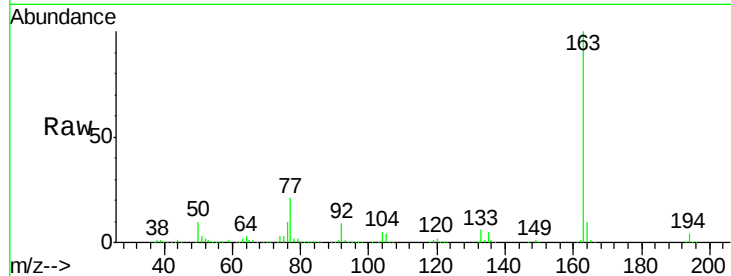




#47
 2-Chloronaphthalene
 Concen: 0.11 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. 0.26 min
 Lab File: BF119428.D
 Acq: 18 Mar 2020 21:26

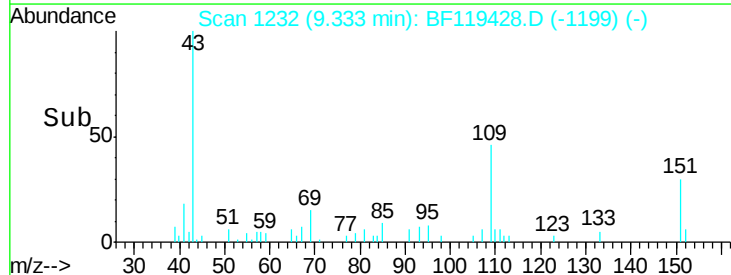
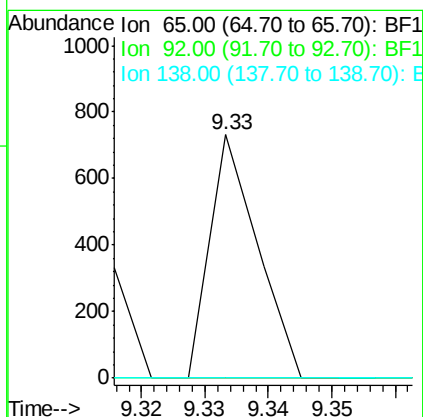
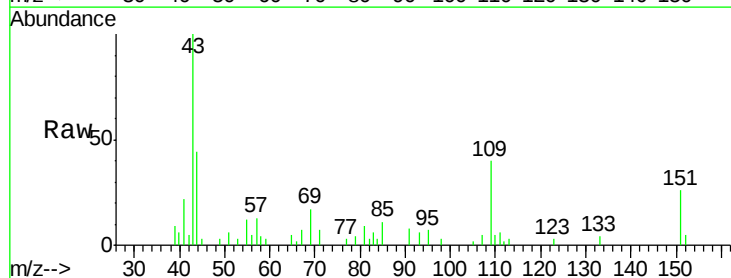
Instrument :
 BNA_F
 ClientSampled :
 72-12002

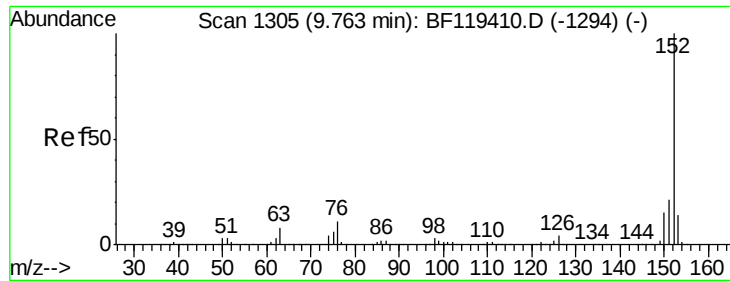
Tgt Ion: 162 Resp: 4467
 Ion Ratio Lower Upper
 162 100
 127 0.0 33.7 50.5#
 164 1262.7 26.2 39.4#



#48
 2-Nitroaniline
 Concen: 0.03 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.11 min
 Lab File: BF119428.D
 Acq: 18 Mar 2020 21:26

Tgt Ion: 65 Resp: 377
 Ion Ratio Lower Upper
 65 100
 92 0.0 50.5 75.7#
 138 0.0 75.8 113.8#





#49

Acenaphthylene

Concen: 0.03 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

Instrument :

BNA_F

ClientSampleId :

72-12002

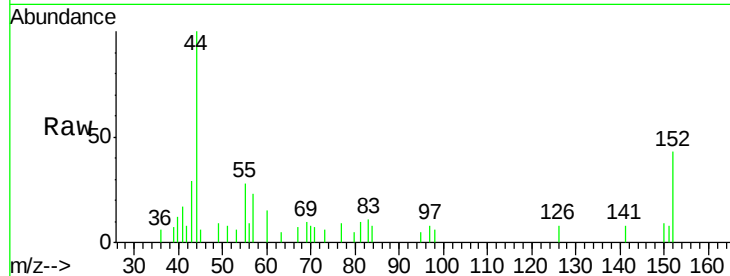
Tgt Ion:152 Resp: 2185

Ion Ratio Lower Upper

152 100

151 18.7 16.8 25.2

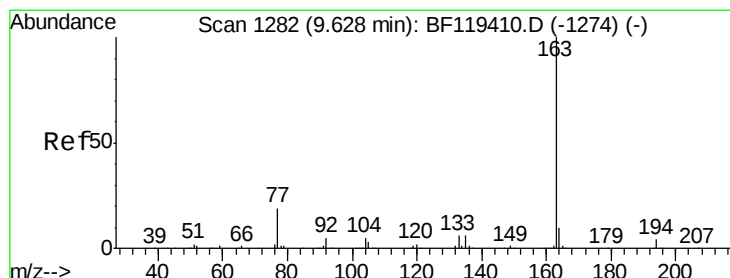
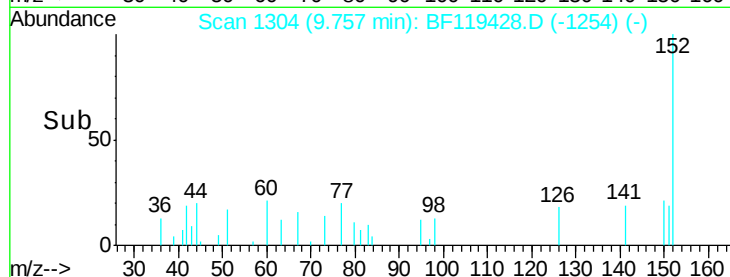
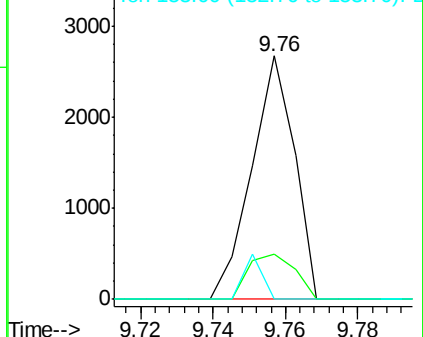
153 0.0 11.2 16.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 12.40 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

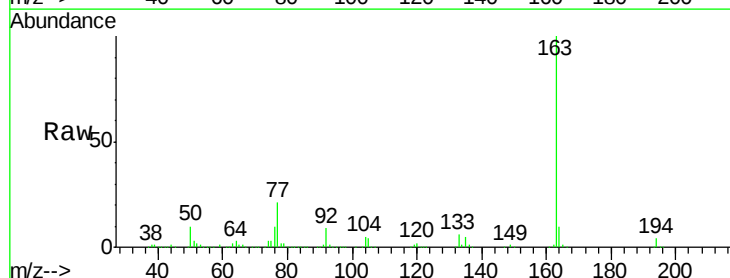
Tgt Ion:163 Resp: 585985

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

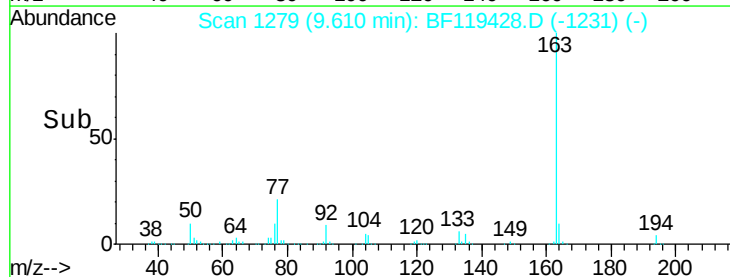
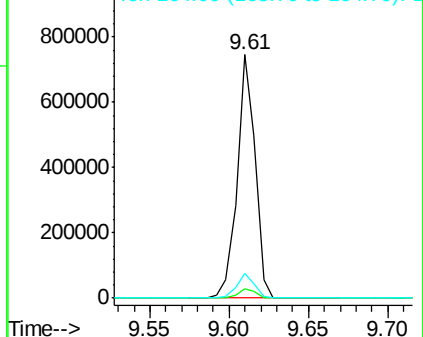
164 10.4 8.1 12.1

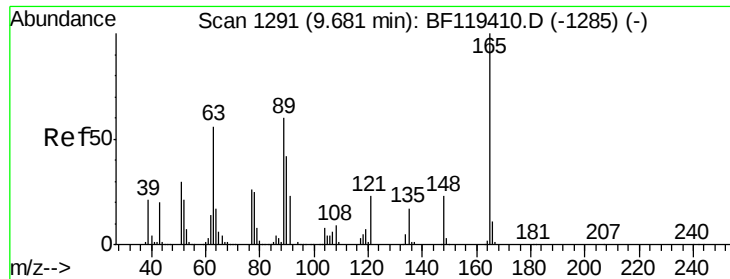


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

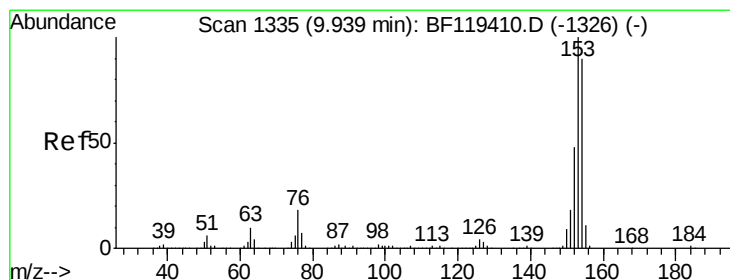
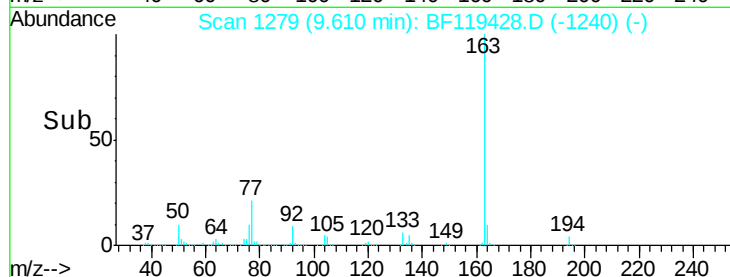
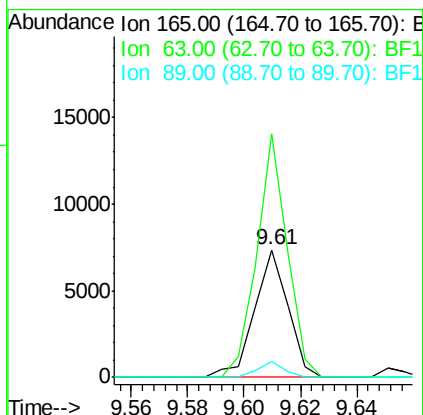
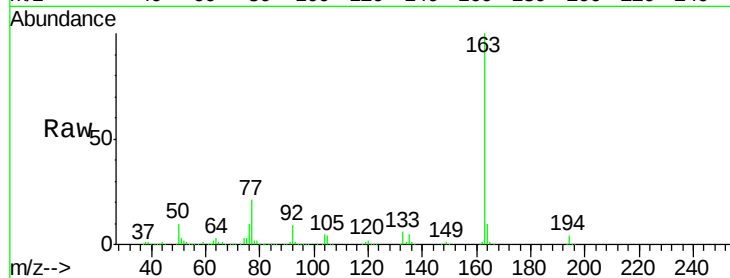




#51
2,6-Dinitrotoluene
Concen: 0.60 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.07 min
Lab File: BF119428.D
Acq: 18 Mar 2020 21:26

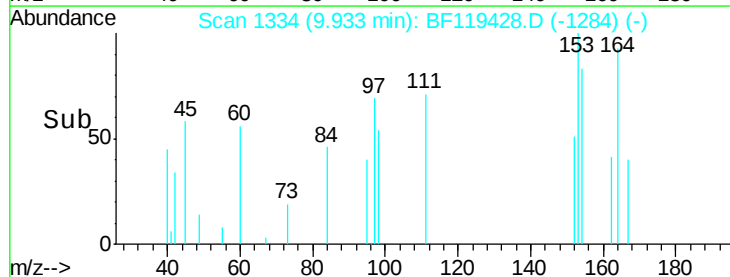
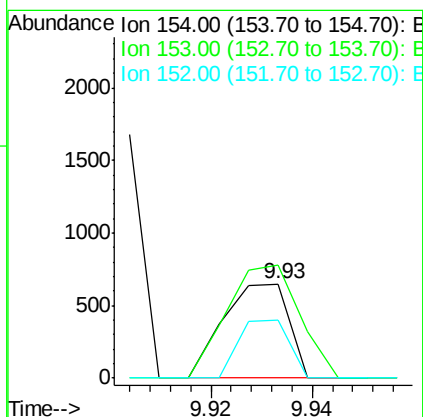
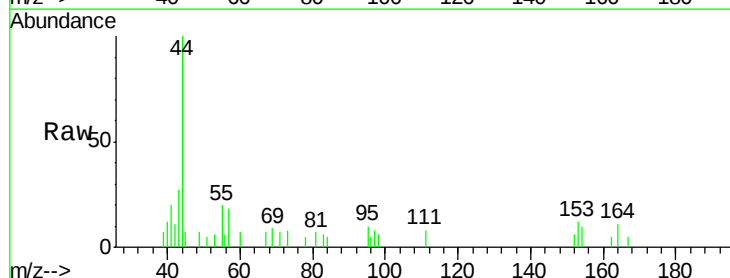
Instrument :
BNA_F
ClientSampleId :
72-12002

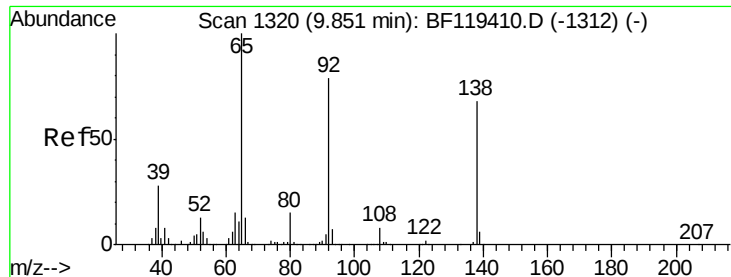
Tgt Ion:165 Resp: 6040
Ion Ratio Lower Upper
165 100
63 191.1 57.3 85.9#
89 12.4 47.8 71.8#



#52
Acenaphthene
Concen: 0.01 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF119428.D
Acq: 18 Mar 2020 21:26

Tgt Ion:154 Resp: 585
Ion Ratio Lower Upper
154 100
153 120.1 89.0 133.6
152 61.8 43.1 64.7

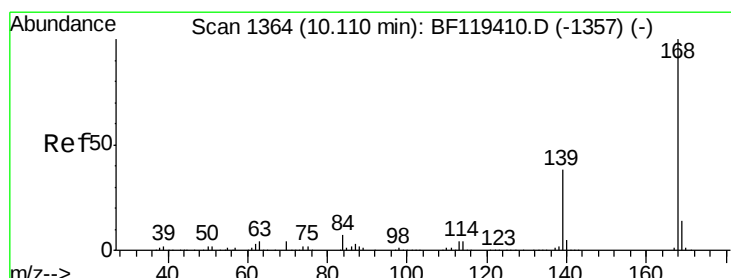
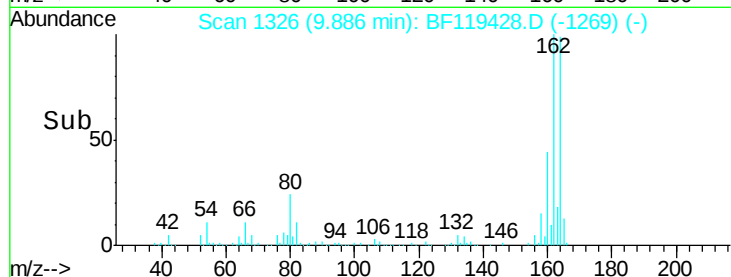
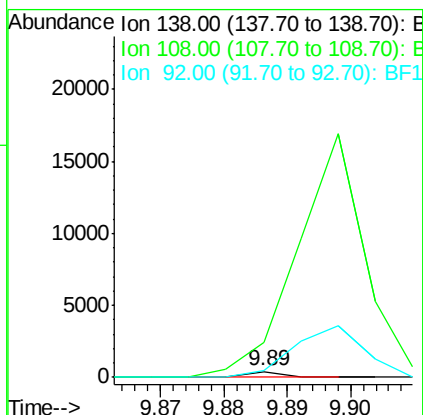
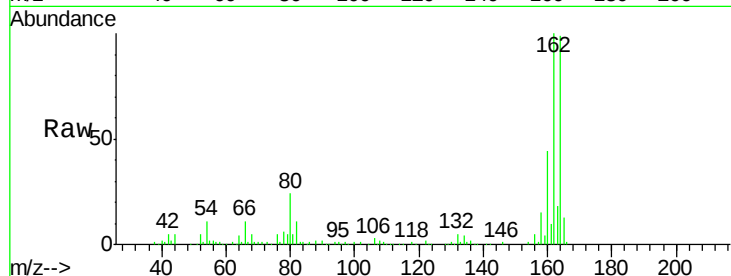




#53
3-Nitroaniline
Concen: 0.01 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.04 min
Lab File: BF119428.D
Acq: 18 Mar 2020 21:26

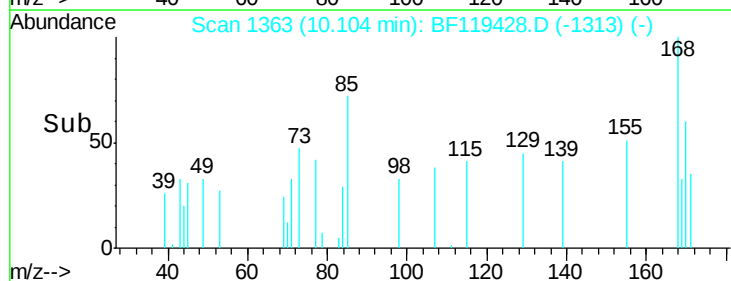
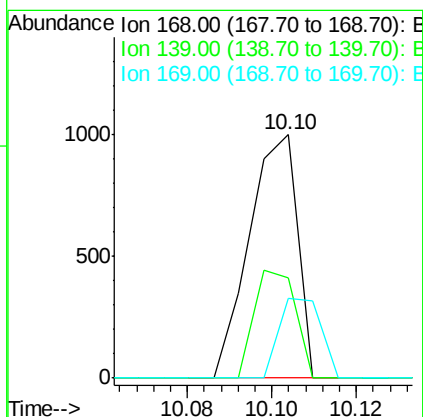
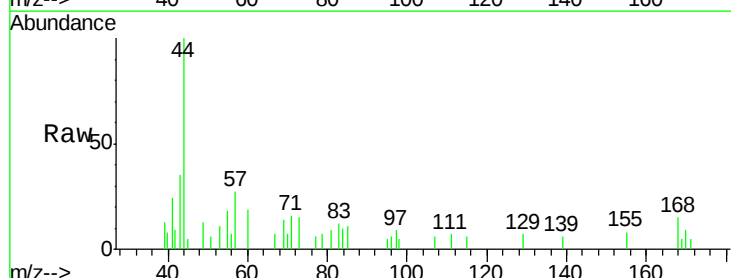
Instrument :
BNA_F
ClientSampleId :
72-12002

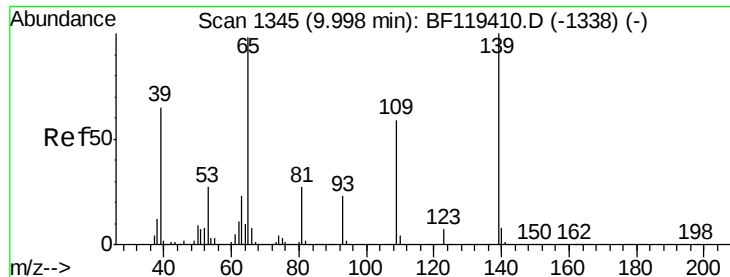
Tgt Ion:138 Resp: 140
Ion Ratio Lower Upper
138 100
108 622.2 9.0 13.6#
92 127.2 93.2 139.8



#55
Dibenzofuran
Concen: 0.01 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF119428.D
Acq: 18 Mar 2020 21:26

Tgt Ion:168 Resp: 795
Ion Ratio Lower Upper
168 100
139 41.0 30.2 45.4
169 32.8 11.1 16.7#





#56

4-Nitrophenol

Concen: 0.03 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.10 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

Instrument :

BNA_F

ClientSampleId :

72-12002

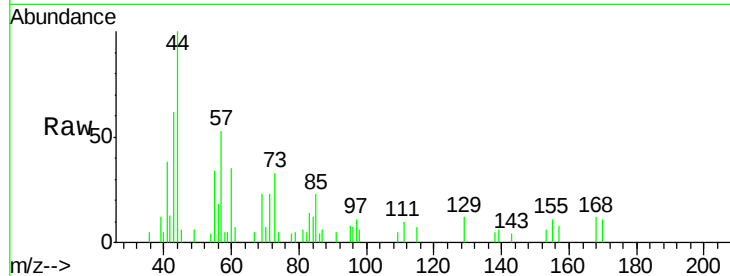
Tgt Ion:139 Resp: 301

Ion Ratio Lower Upper

139 100

109 91.9 39.6 79.6#

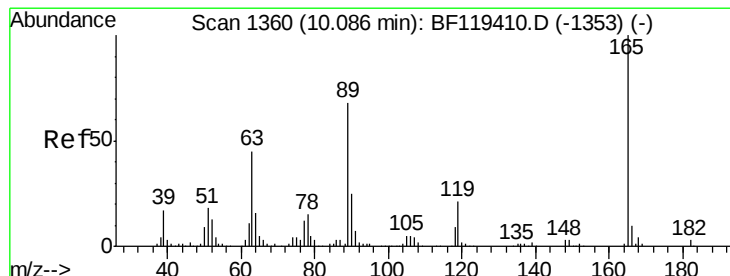
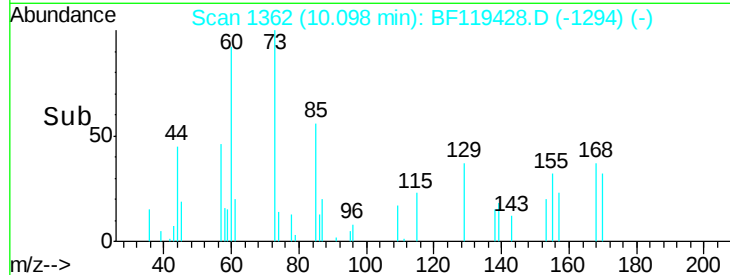
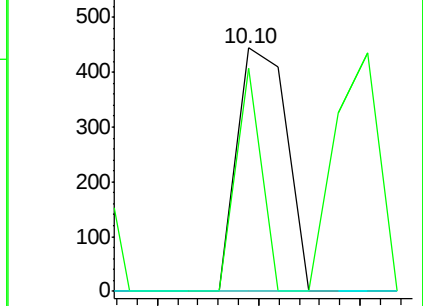
65 0.0 78.3 118.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#57

2,4-Dinitrotoluene

Concen: 6.82 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.19 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

Tgt Ion:165 Resp: 87079

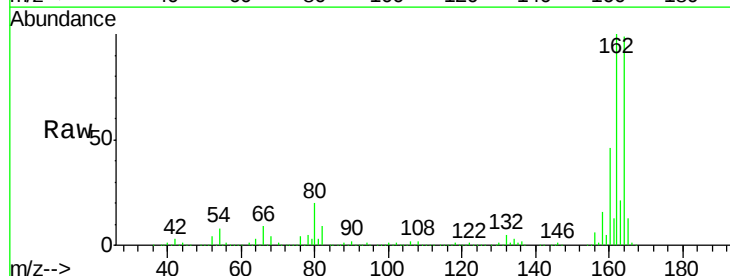
Ion Ratio Lower Upper

165 100

63 1.3 36.2 54.4#

89 1.4 54.3 81.5#

182 0.0 2.0 3.0#

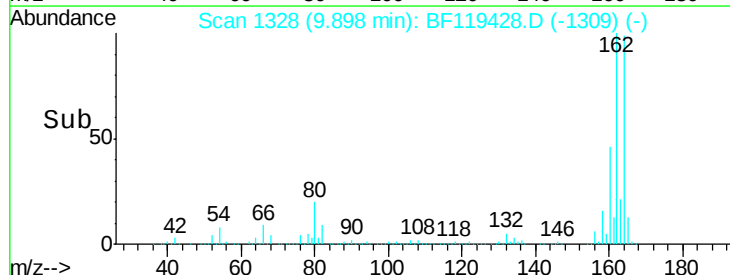
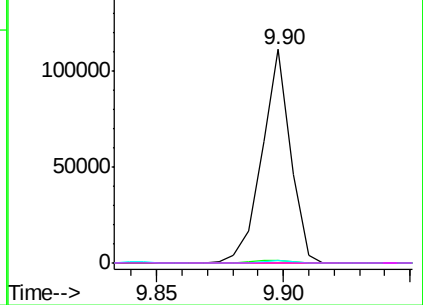


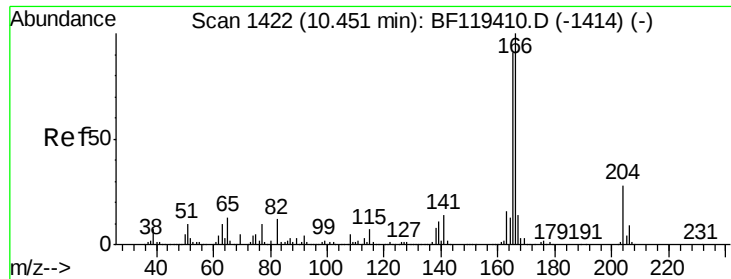
Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.04 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

Instrument :

BNA_F

ClientSampleId :

72-12002

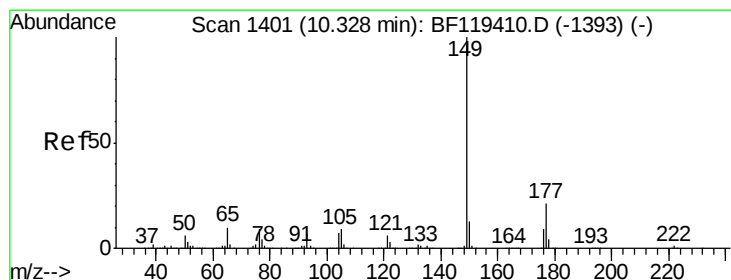
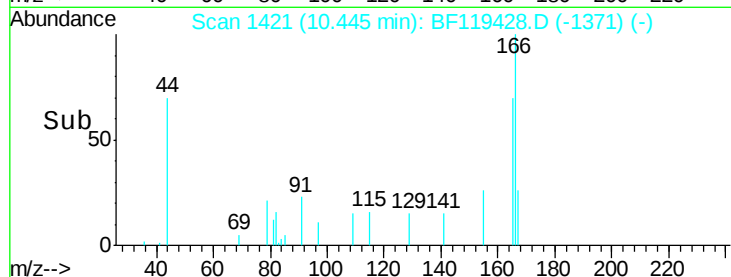
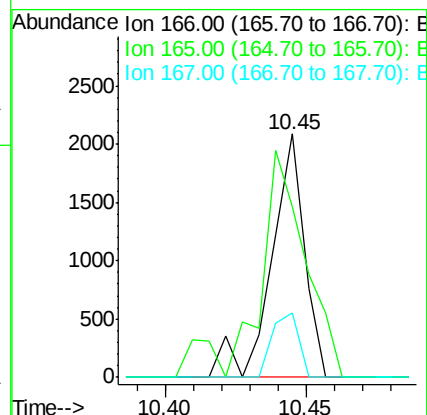
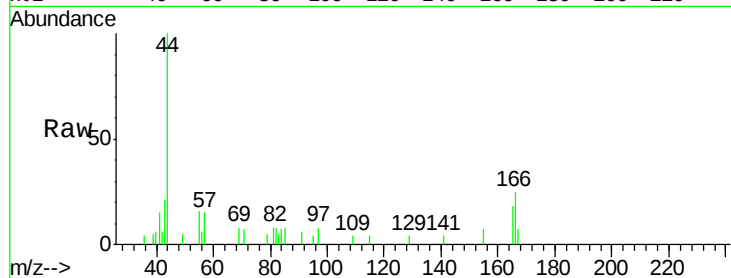
Tgt Ion:166 Resp: 1690

Ion Ratio Lower Upper

166 100

165 69.9 73.1 109.7#

167 26.5 11.0 16.6#



#60

Diethylphthalate

Concen: 0.03 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

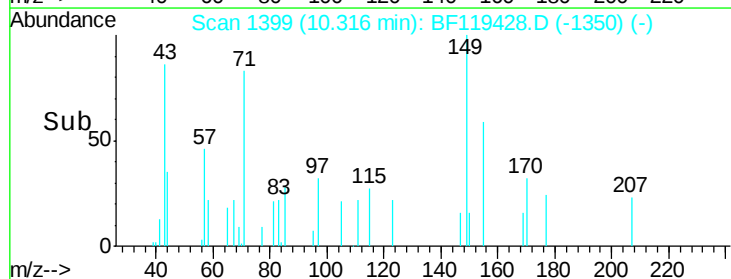
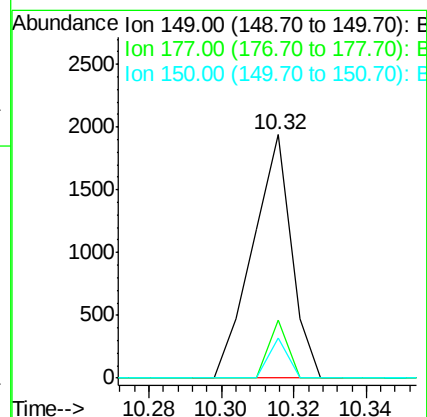
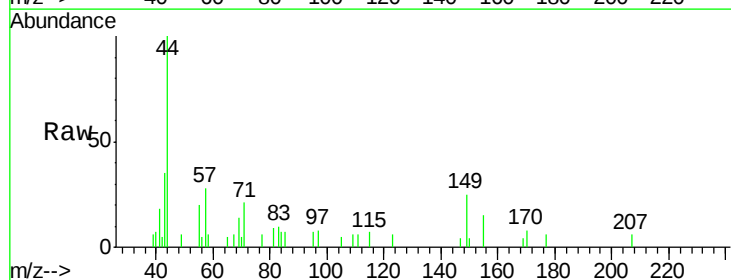
Tgt Ion:149 Resp: 1436

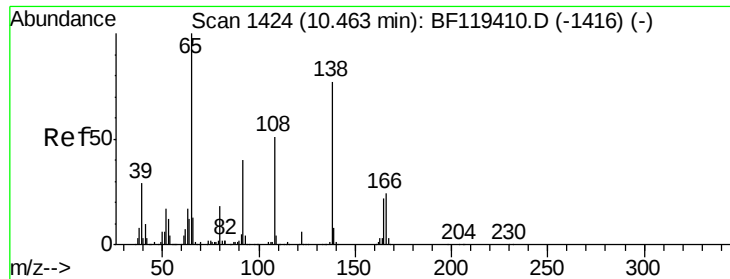
Ion Ratio Lower Upper

149 100

177 23.8 17.0 25.6

150 16.3 10.2 15.4#

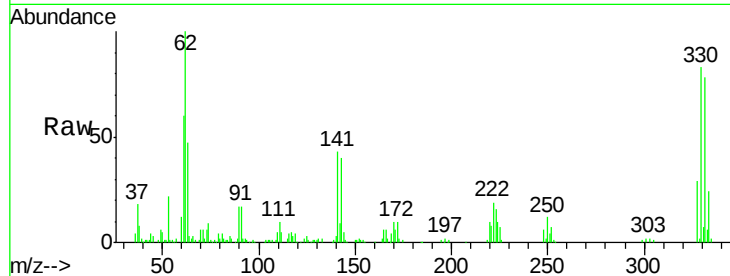




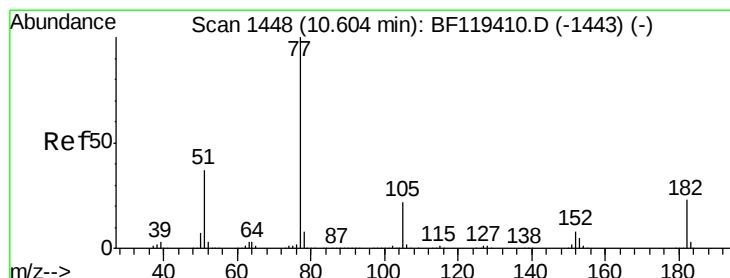
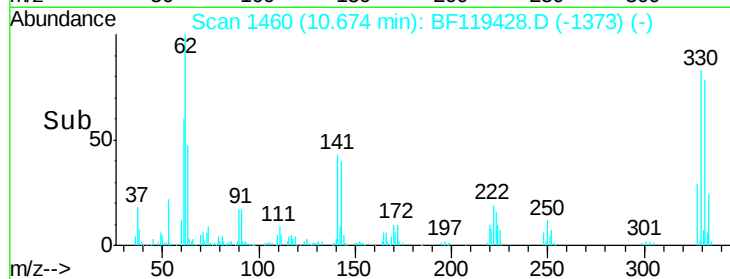
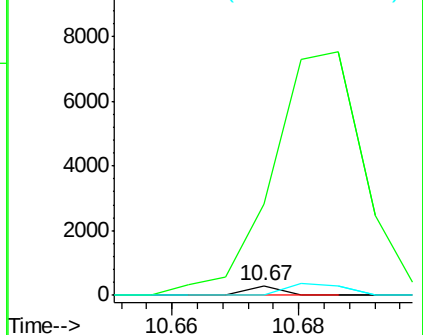
#62
4-Nitroaniline
Concen: 0.01 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.21 min
Lab File: BF119428.D
Acq: 18 Mar 2020 21:26

Instrument :
BNA_F
ClientSampleId :
72-12002

Tgt Ion: 138 Resp: 107
Ion Ratio Lower Upper
138 100
92 935.1 32.0 72.0#
108 0.0 46.0 86.0#

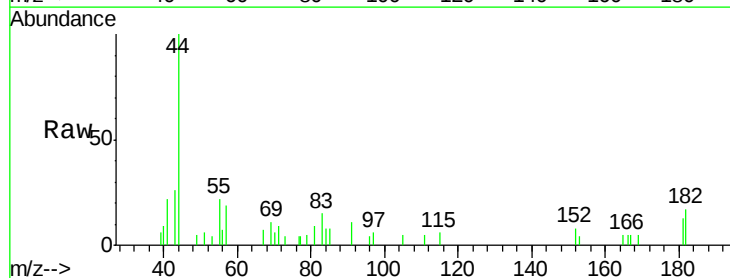


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

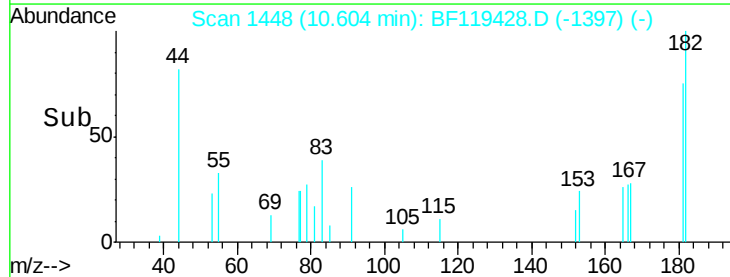
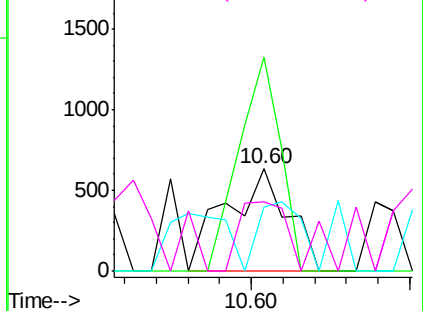


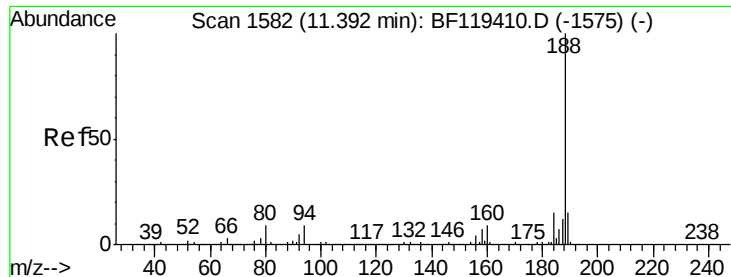
#63
Azobenzene
Concen: 0.02 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF119428.D
Acq: 18 Mar 2020 21:26

Tgt Ion: 77 Resp: 868
Ion Ratio Lower Upper
77 100
182 209.3 2.5 42.5#
105 62.2 2.5 42.5#
51 67.8 17.1 57.1#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

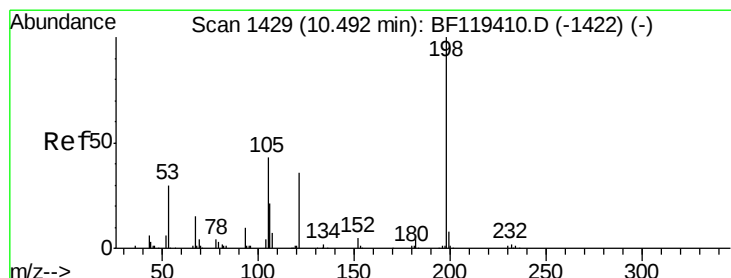
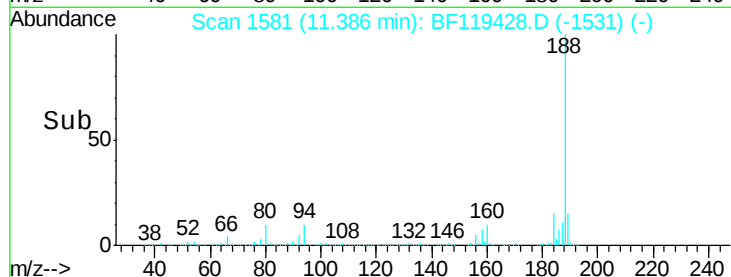
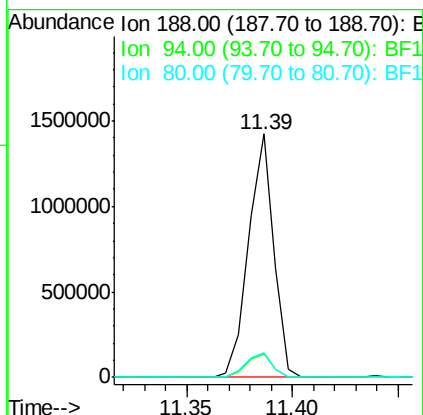
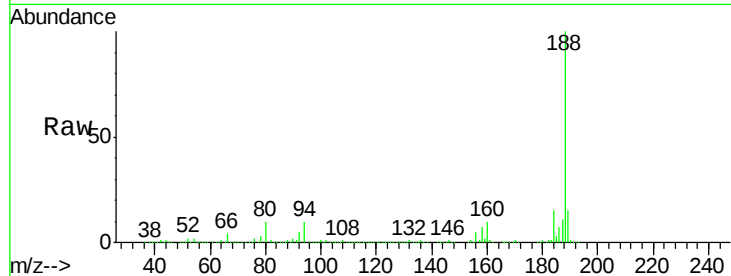




#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF119428.D
 Acq: 18 Mar 2020 21:26

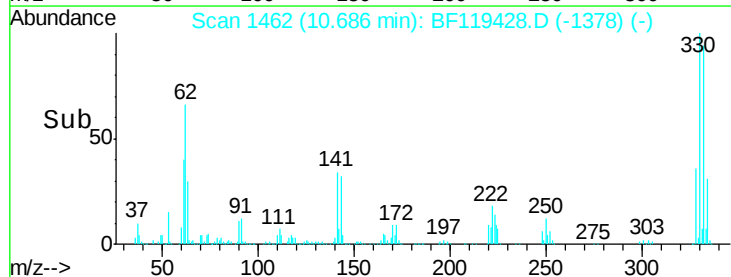
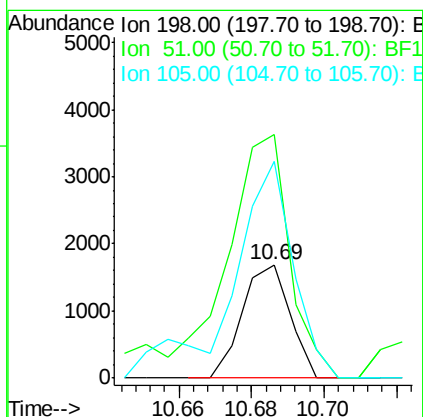
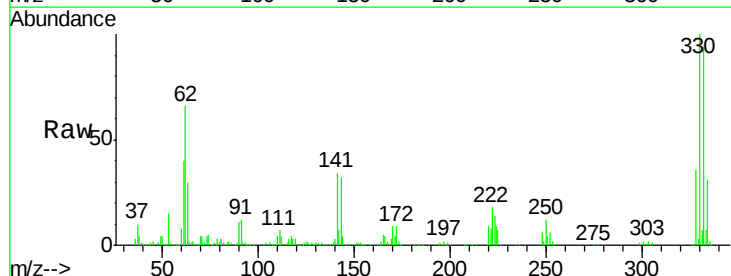
Instrument :
 BNA_F
 ClientSampleId :
 72-12002

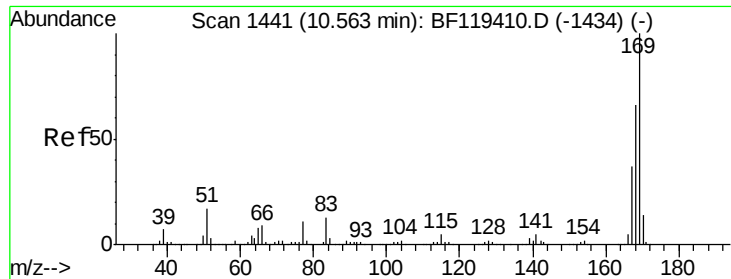
Tgt Ion:188 Resp: 1179673
 Ion Ratio Lower Upper
 188 100
 94 9.7 7.1 10.7
 80 10.3 7.5 11.3



#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.31 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.19 min
 Lab File: BF119428.D
 Acq: 18 Mar 2020 21:26

Tgt Ion:198 Resp: 1545
 Ion Ratio Lower Upper
 198 100
 51 214.2 33.1 73.1#
 105 191.0 24.1 64.1#

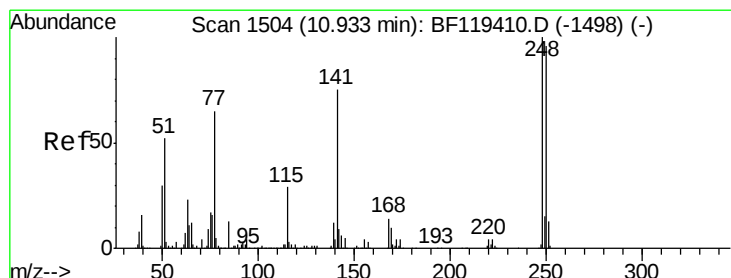
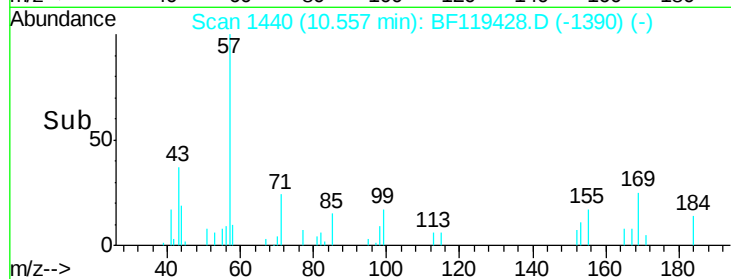
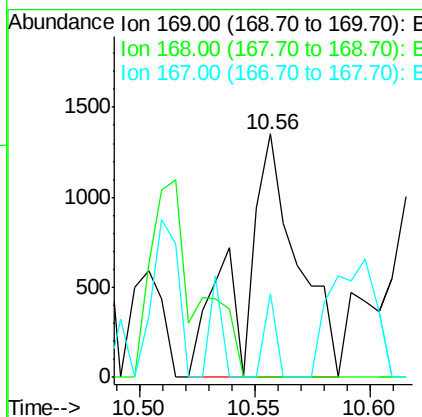
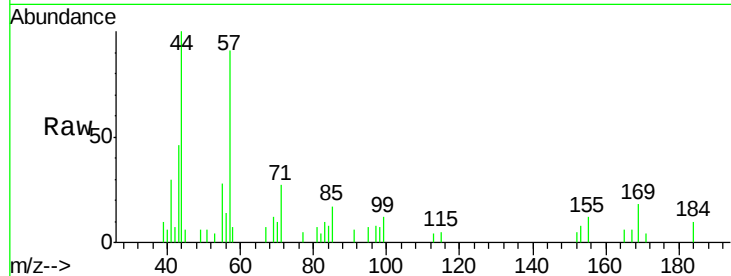




#66
n-Nitrosodiphenylamine
Concen: 0.06 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF119428.D
Acq: 18 Mar 2020 21:26

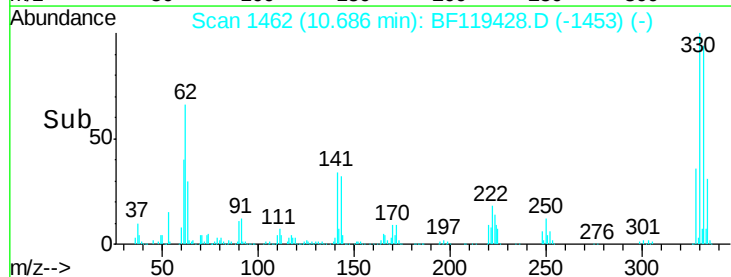
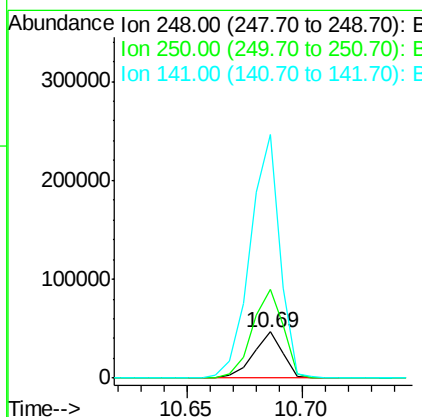
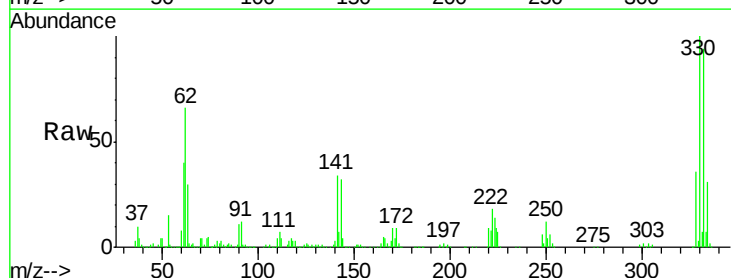
Instrument :
BNA_F
ClientSampleId :
72-12002

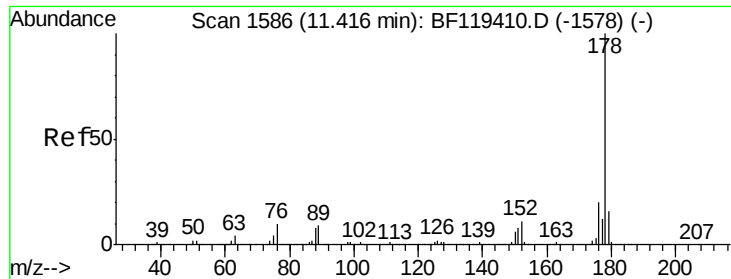
Tgt Ion:169 Resp: 2260
Ion Ratio Lower Upper
169 100
168 0.0 52.7 79.1#
167 34.2 29.3 43.9



#67
4-Bromophenyl-phenylether
Concen: 3.10 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.25 min
Lab File: BF119428.D
Acq: 18 Mar 2020 21:26

Tgt Ion:248 Resp: 41582
Ion Ratio Lower Upper
248 100
250 190.7 77.0 115.6#
141 524.9 59.7 89.5#

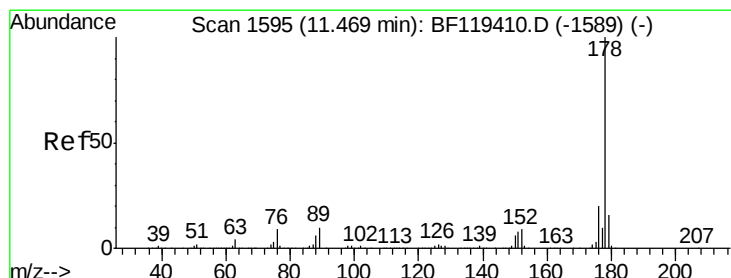
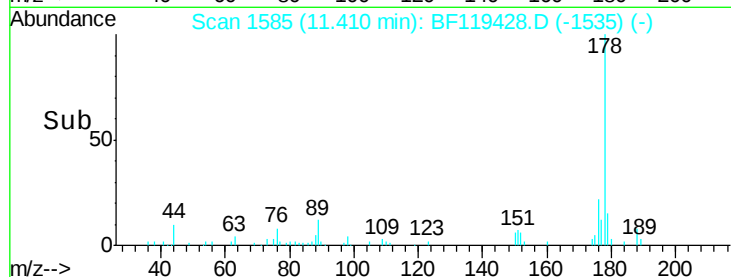
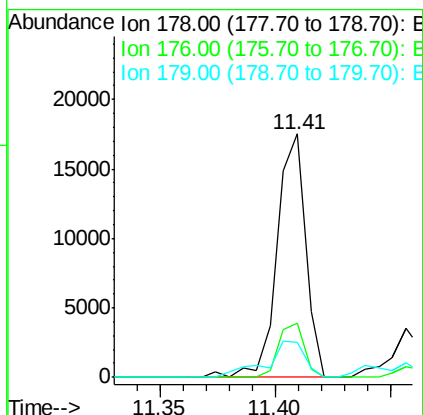
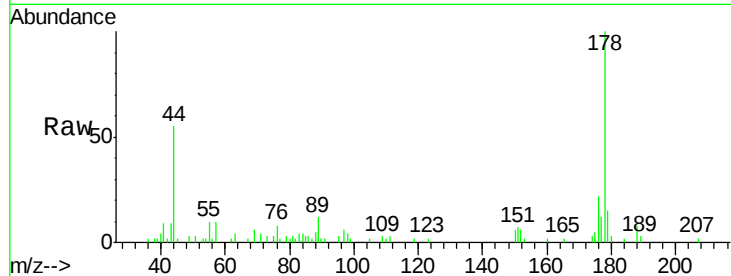




#71
Phenanthrene
Concen: 0.24 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF119428.D
Acq: 18 Mar 2020 21:26

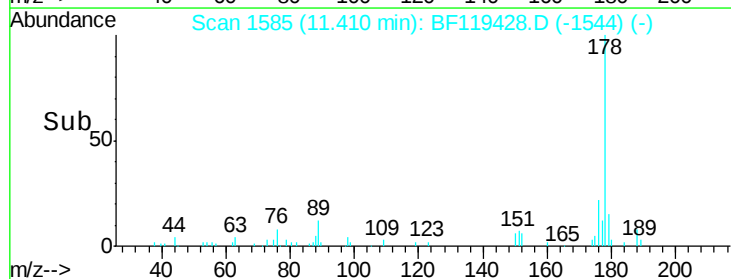
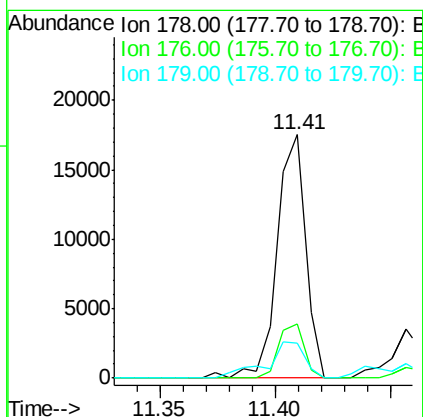
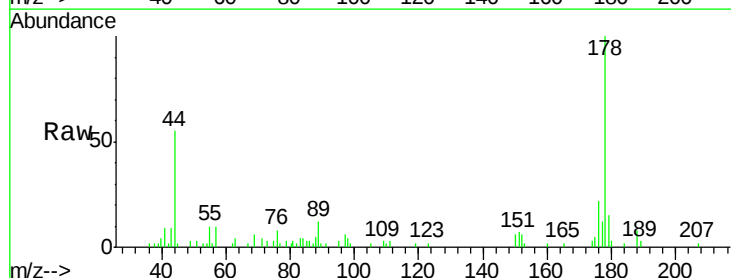
Instrument :
BNA_F
ClientSampleId :
72-12002

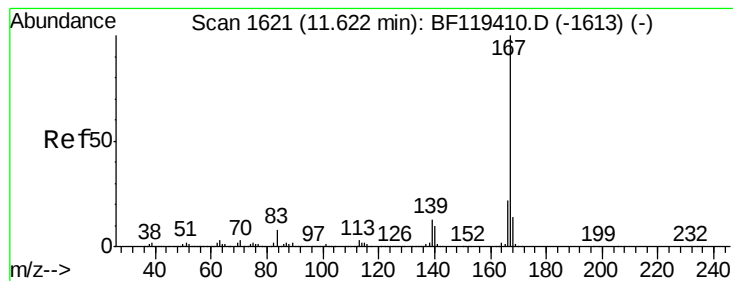
Tgt Ion:178 Resp: 14968
Ion Ratio Lower Upper
178 100
176 22.0 16.2 24.4
179 14.6 12.9 19.3



#72
Anthracene
Concen: 0.24 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.06 min
Lab File: BF119428.D
Acq: 18 Mar 2020 21:26

Tgt Ion:178 Resp: 14968
Ion Ratio Lower Upper
178 100
176 22.0 15.6 23.4
179 14.6 13.1 19.7





#73

Carbazole

Concen: 0.03 ng

RT: 11.61 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

Instrument :

BNA_F

ClientSampleId :

72-12002

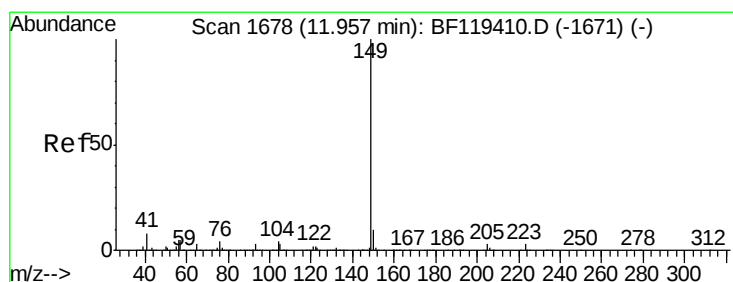
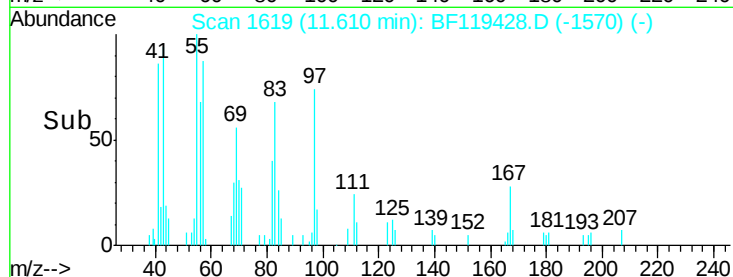
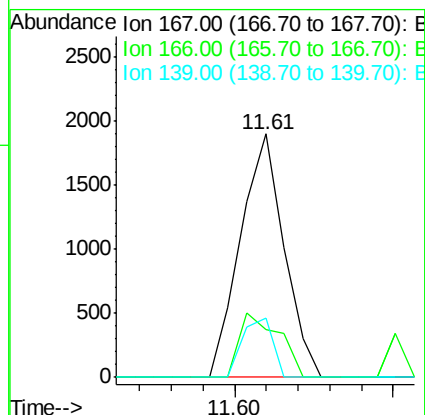
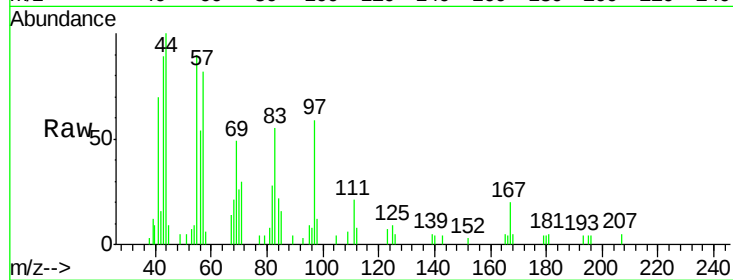
Tgt Ion:167 Resp: 1807

Ion Ratio Lower Upper

167 100

166 19.6 17.8 26.6

139 24.4 10.2 15.4#



#74

Di-n-butylphthalate

Concen: 0.10 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

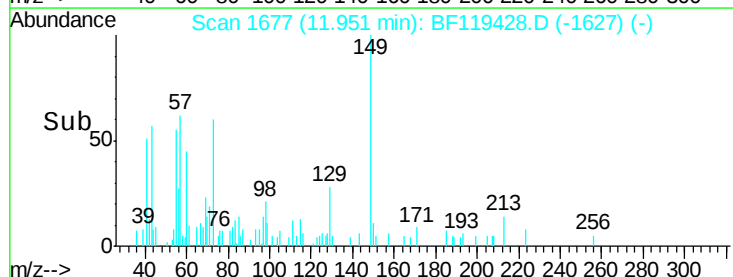
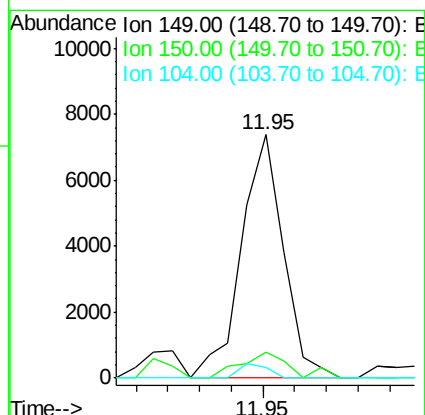
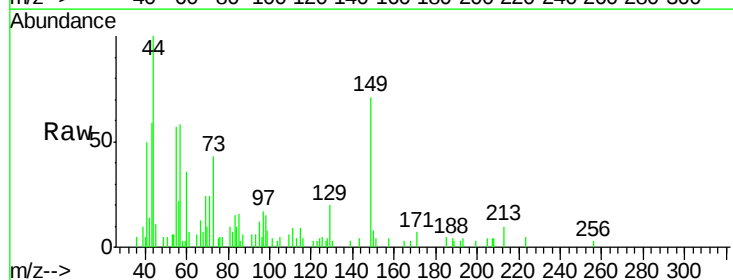
Tgt Ion:149 Resp: 6770

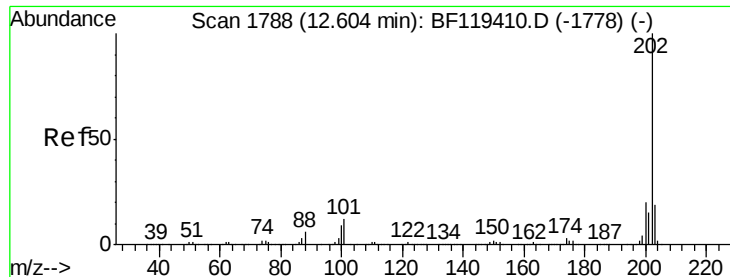
Ion Ratio Lower Upper

149 100

150 10.7 7.6 11.4

104 4.4 3.5 5.3





#75

Fluoranthene

Concen: 0.49 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

Instrument :

BNA_F

ClientSampleId :

72-12002

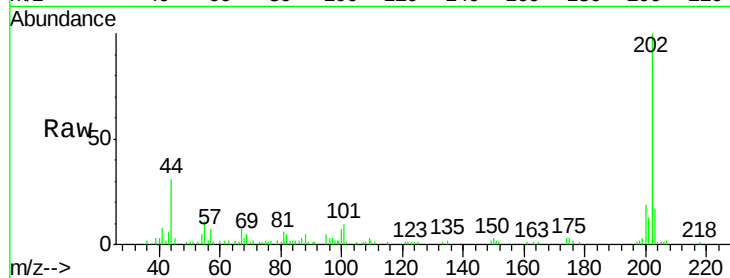
Tgt Ion: 202 Resp: 32752

Ion Ratio Lower Upper

202 100

101 9.7 0.0 32.4

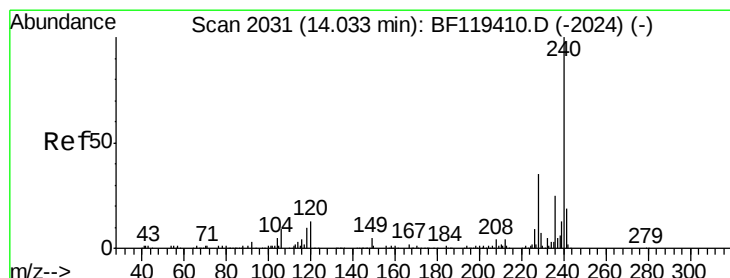
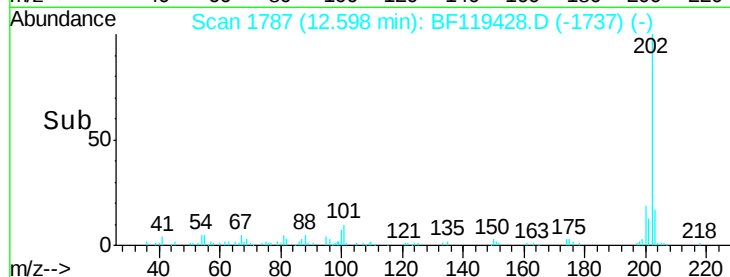
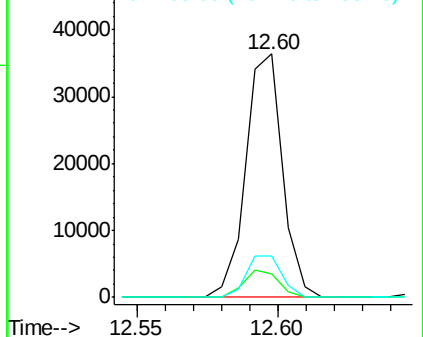
203 17.2 0.0 38.5



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: 20.00 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

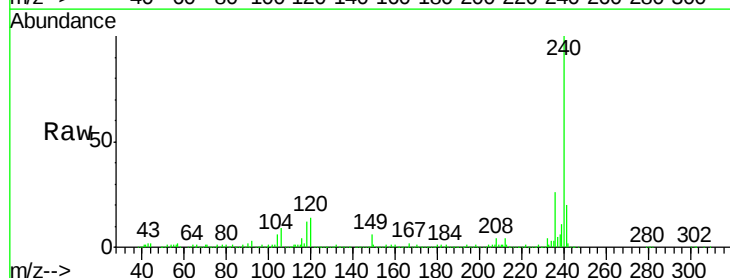
Tgt Ion: 240 Resp: 671110

Ion Ratio Lower Upper

240 100

120 13.7 10.2 15.4

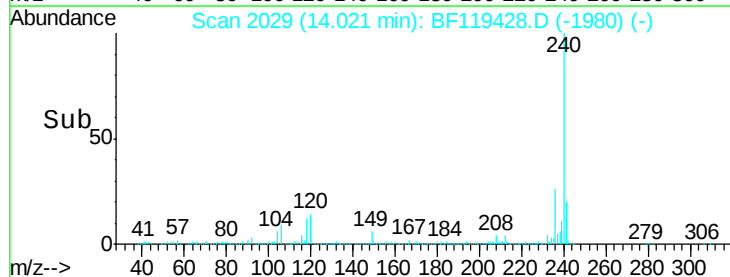
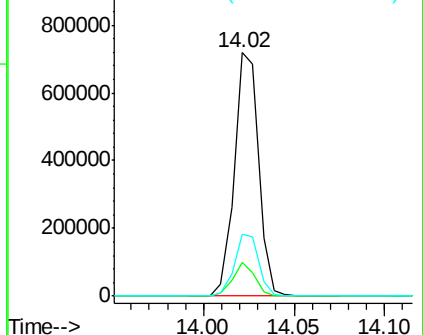
236 25.6 20.4 30.6

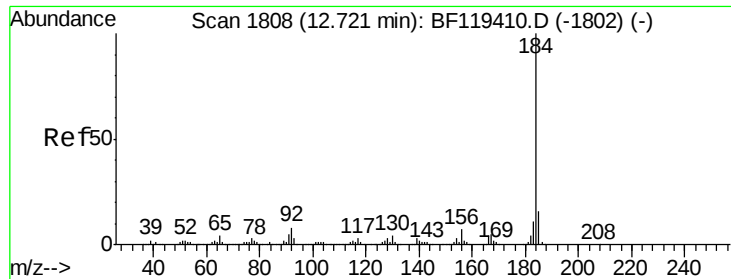


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.14 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.25 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

Instrument :

BNA_F

ClientSampleId :

72-12002

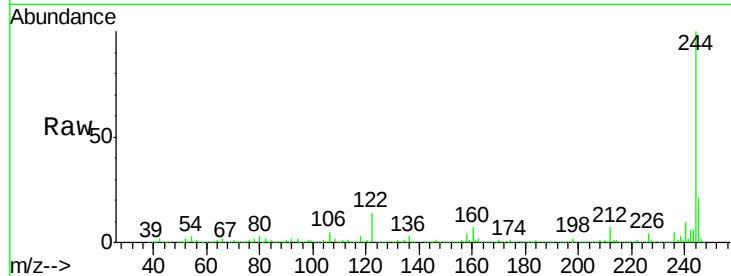
Tgt Ion:184 Resp: 32416

Ion Ratio Lower Upper

184 100

185 13.5 12.9 19.3

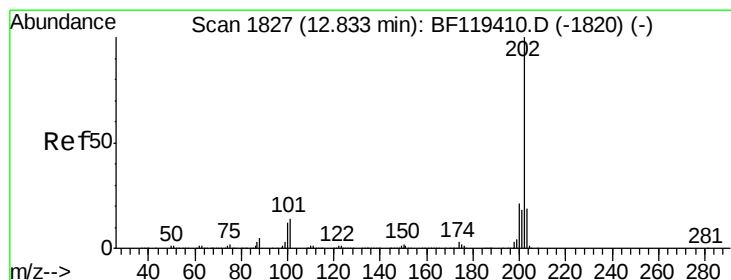
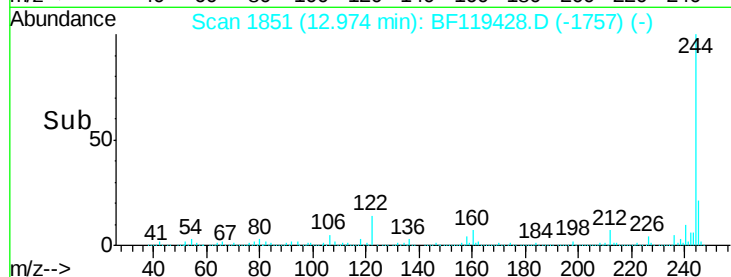
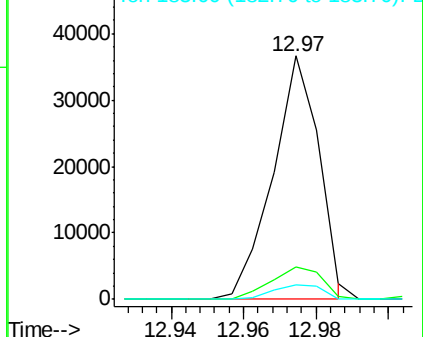
183 6.1 9.0 13.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 0.53 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

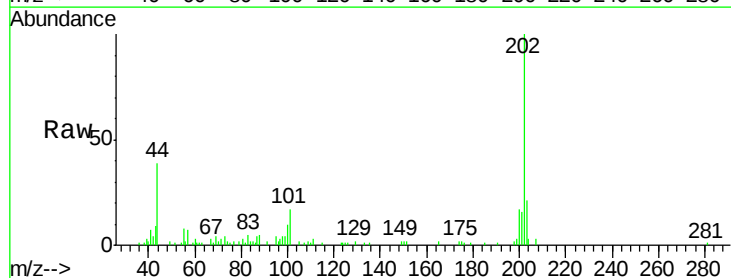
Tgt Ion:202 Resp: 29014

Ion Ratio Lower Upper

202 100

200 17.1 16.8 25.2

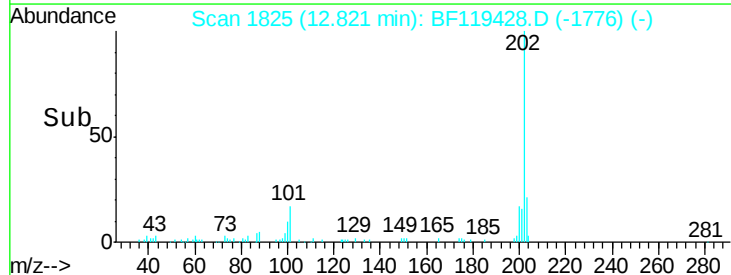
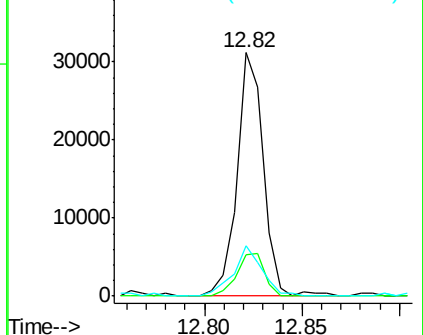
203 20.9 14.8 22.2

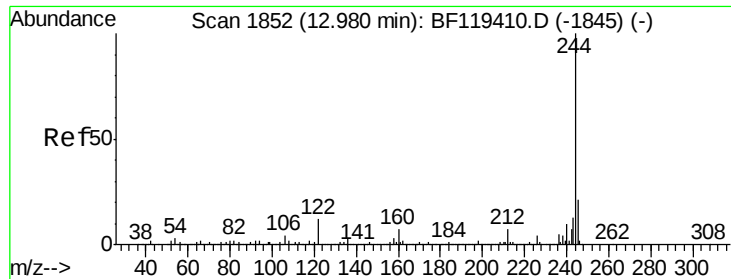


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

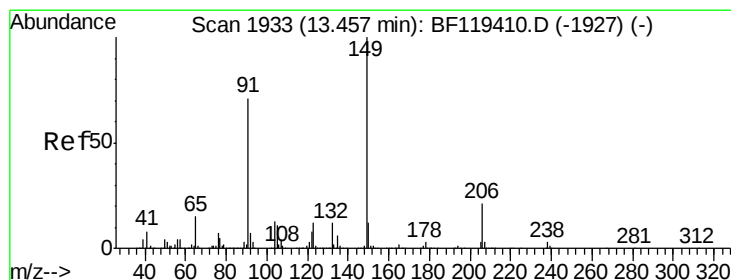
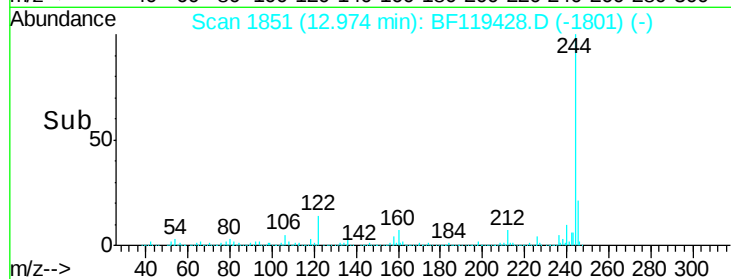
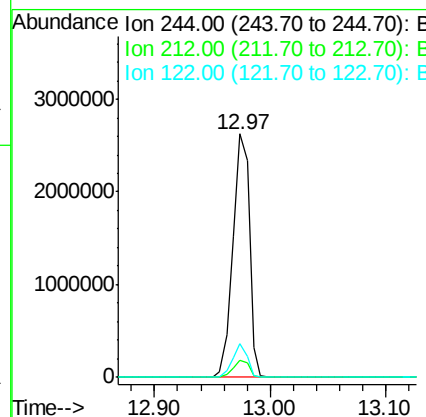
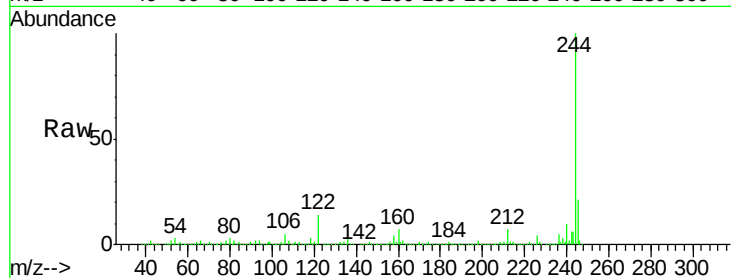




#79
 Terphenyl-d14
 Concen: 76.11 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF119428.D
 Acq: 18 Mar 2020 21:26

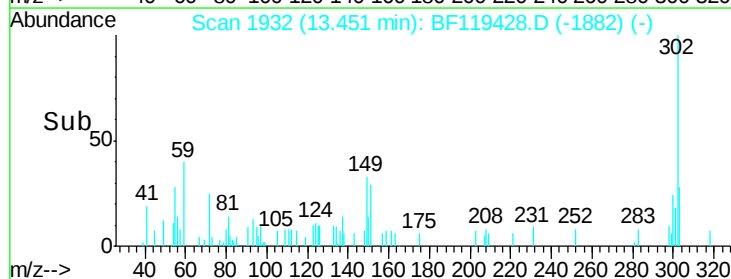
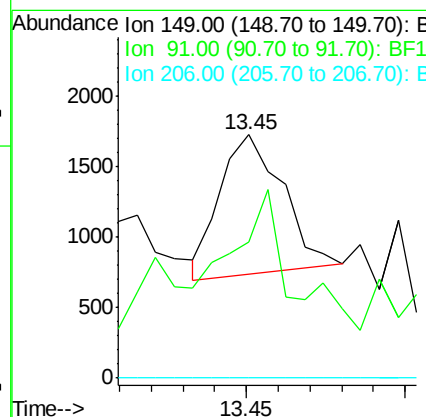
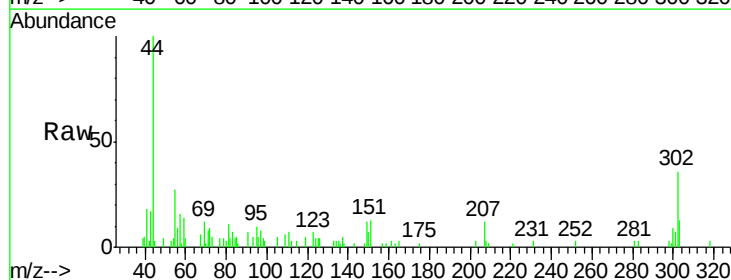
Instrument :
 BNA_F
 ClientSampleId :
 72-12002

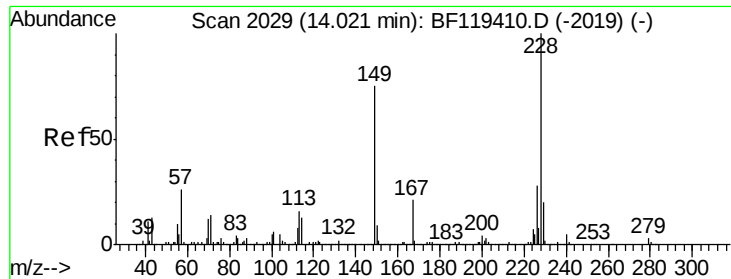
Tgt Ion:244 Resp: 2607231
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 13.6 9.8 14.8



#80
 Butylbenzylphthalate
 Concen: 0.06 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BF119428.D
 Acq: 18 Mar 2020 21:26

Tgt Ion:149 Resp: 1371
 Ion Ratio Lower Upper
 149 100
 91 55.7 57.0 85.6#
 206 0.0 16.4 24.6#





#81

Benzo(a)anthracene

Concen: 0.37 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.02 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

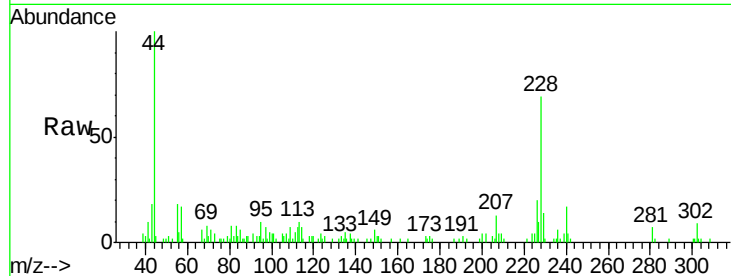
Instrument :

BNA_F

ClientSampleId :

72-12002

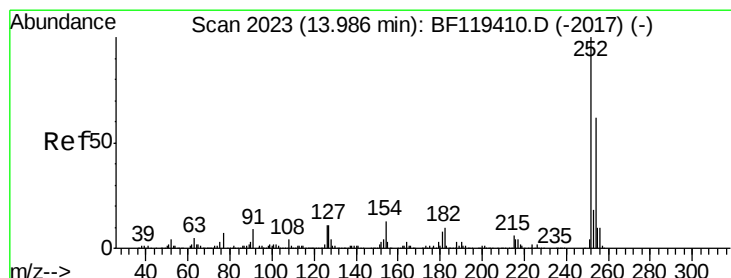
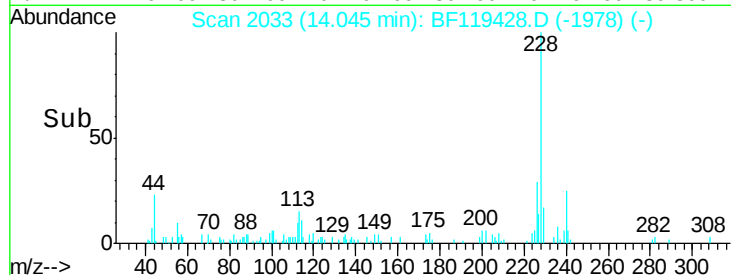
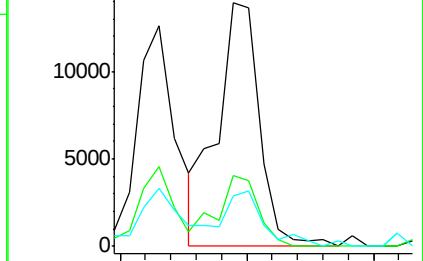
Tgt Ion:	228	Resp:	16167
Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.3	33.5
229	20.8	16.3	24.5



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: 0.01 ng

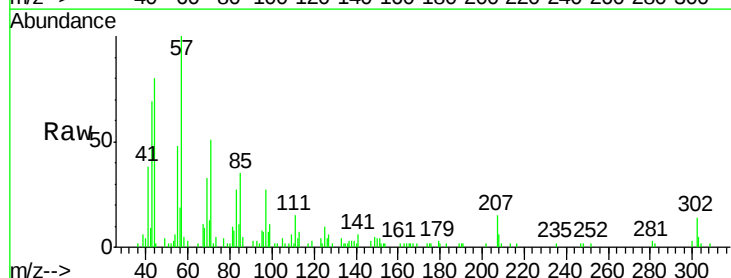
RT: 13.89 min Scan# 2007

Delta R.T. -0.09 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

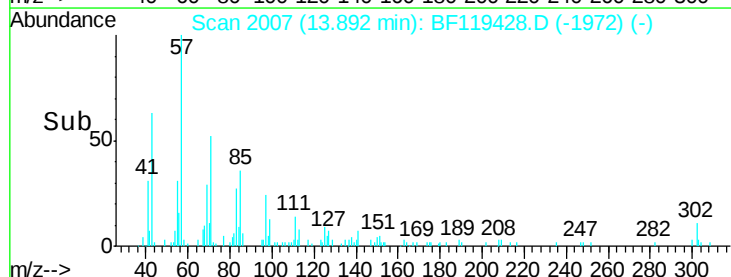
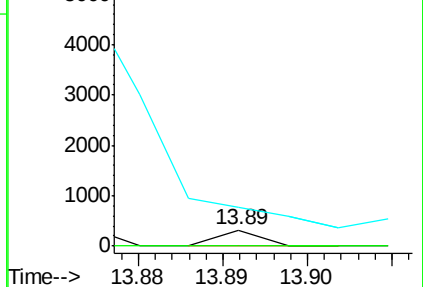
Tgt Ion:	252	Resp:	114
Ion	Ratio	Lower	Upper
252	100		
254	0.0	49.8	74.8#
126	236.2	8.9	13.3#

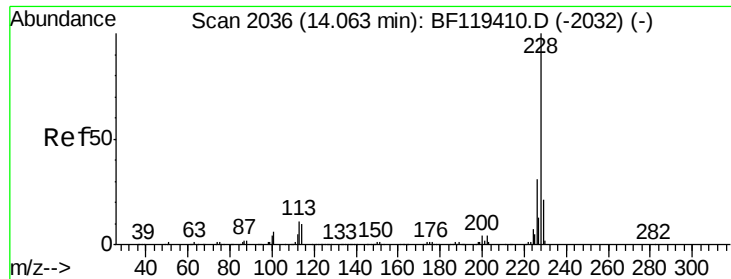


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 0.36 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.02 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

Instrument :

BNA_F

ClientSampleId :

72-12002

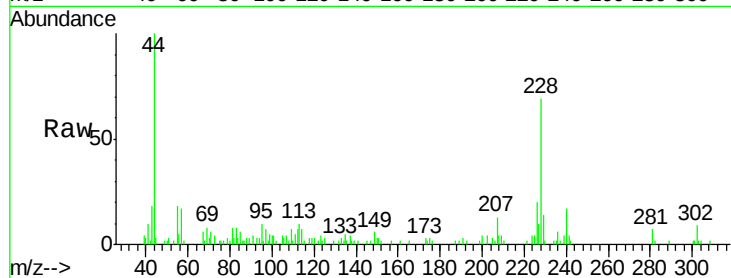
Tgt Ion:228 Resp: 16167

Ion Ratio Lower Upper

228 100

226 29.2 24.8 37.2

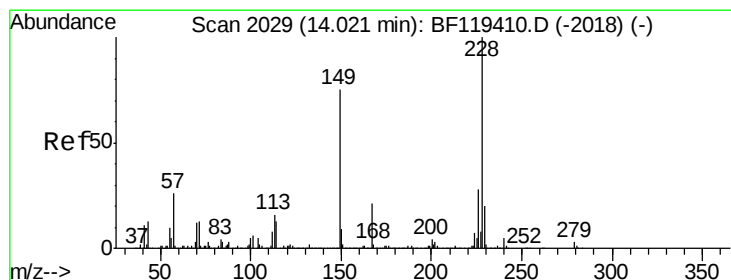
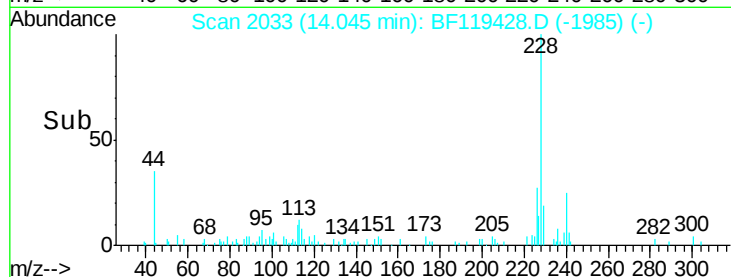
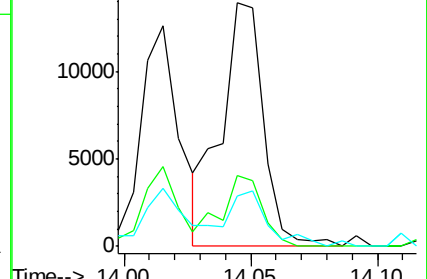
229 20.8 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.16 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

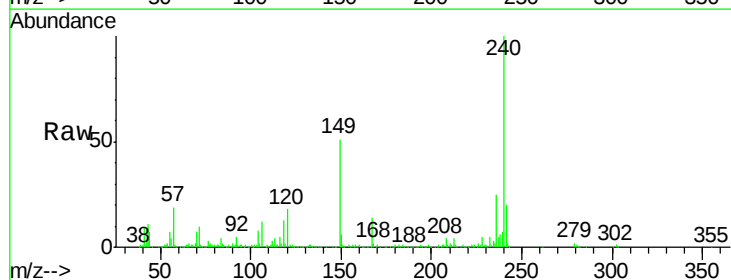
Tgt Ion:149 Resp: 110602

Ion Ratio Lower Upper

149 100

167 27.8 22.0 33.0

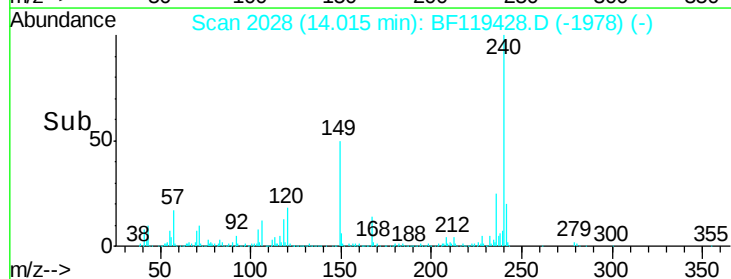
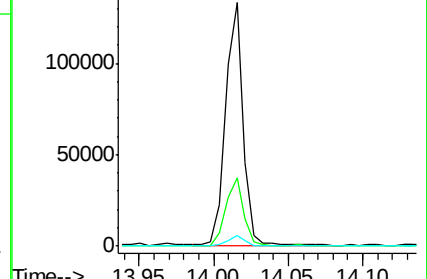
279 4.1 3.2 4.8

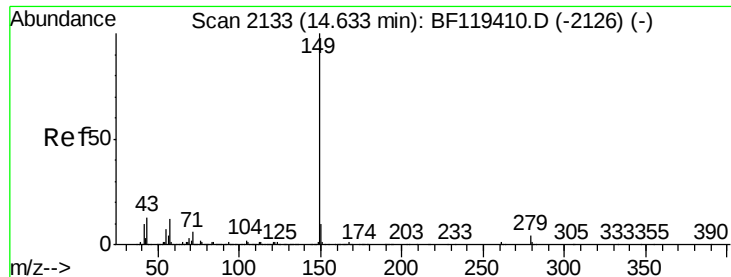


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 1.14 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.02 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

Instrument :

BNA_F

ClientSampleId :

72-12002

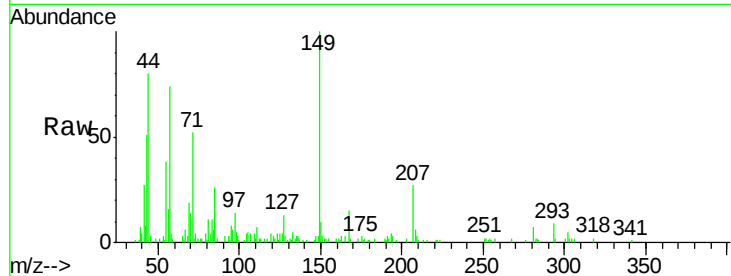
Tgt Ion:149 Resp: 53056

Ion Ratio Lower Upper

149 100

167 7.3 1.1 1.7#

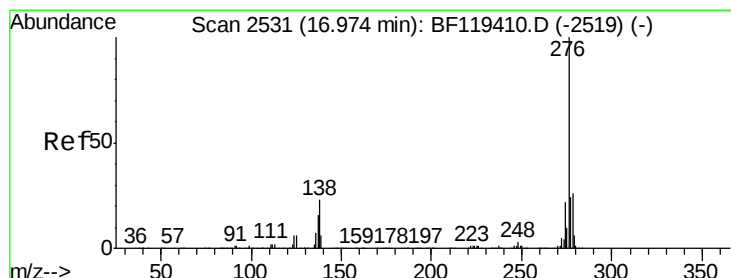
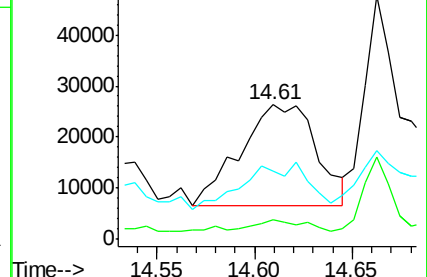
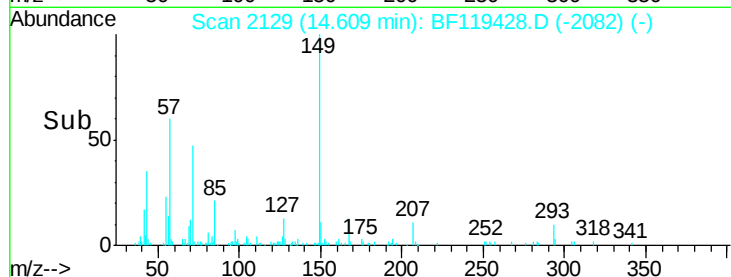
43 39.7 10.1 15.1#



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: 0.24 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

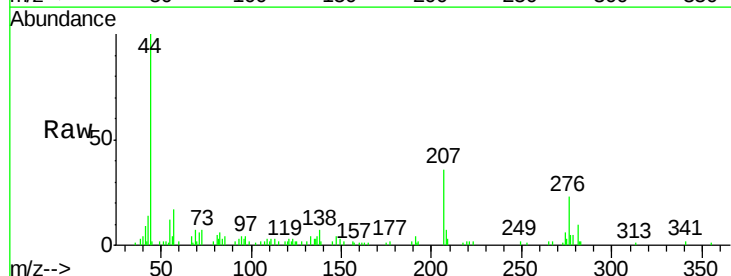
Tgt Ion:276 Resp: 10037

Ion Ratio Lower Upper

276 100

138 30.4 21.3 31.9

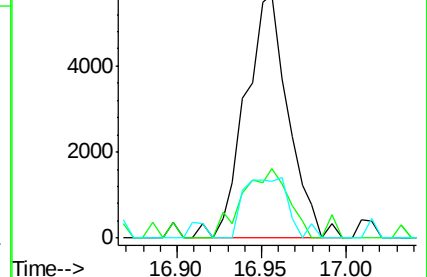
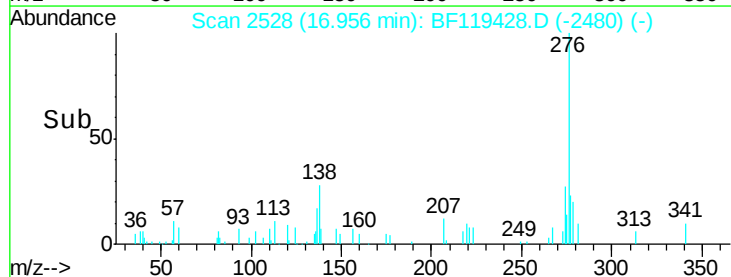
277 25.7 20.2 30.2

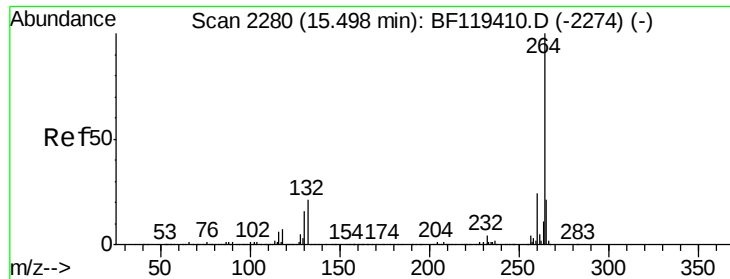


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

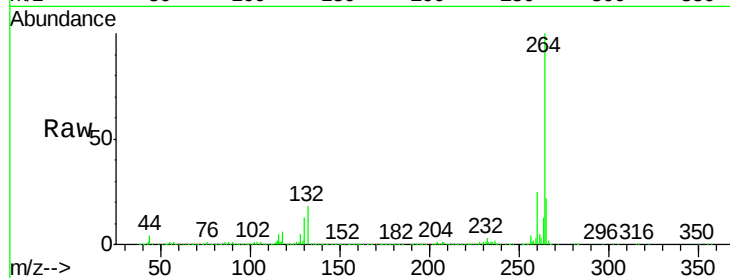




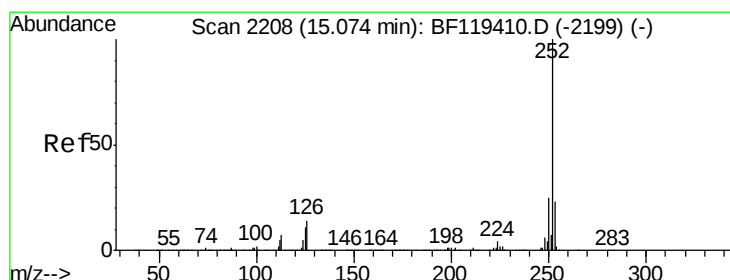
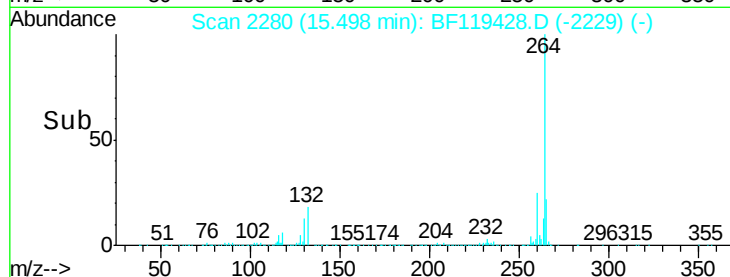
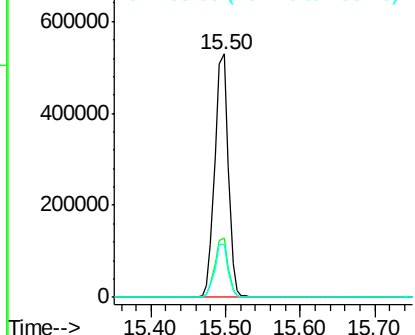
#87
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BF119428.D
Acq: 18 Mar 2020 21:26

Instrument :
BNA_F
ClientSampleId :
72-12002

Tgt Ion:264 Resp: 668123
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 21.7 16.9 25.3

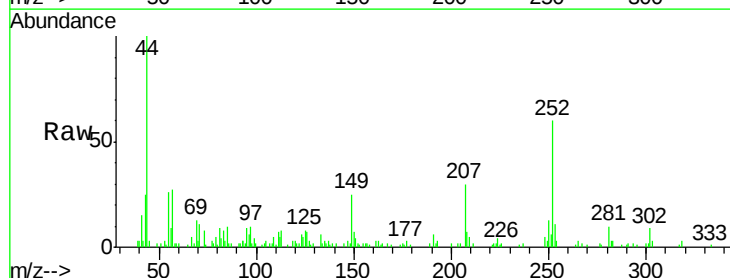


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

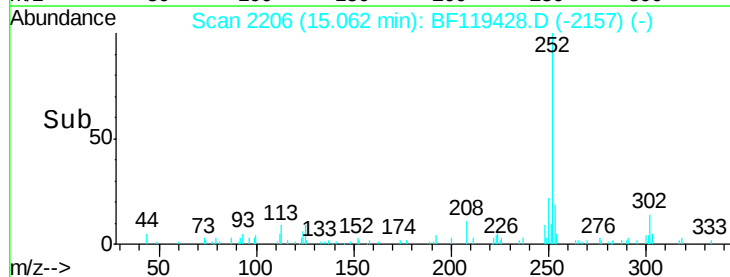
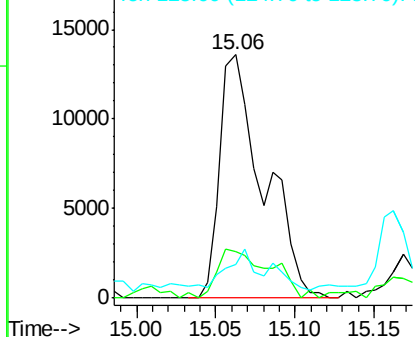


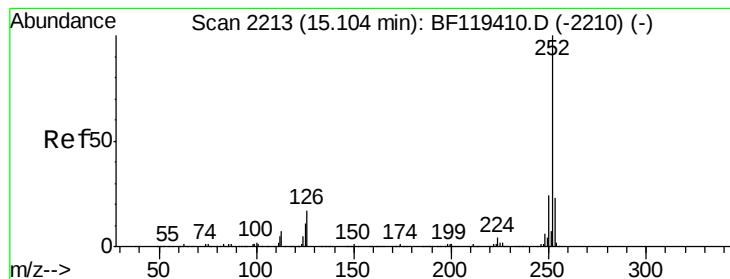
#88
Benzo(b)fluoranthene
Concen: 0.59 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF119428.D
Acq: 18 Mar 2020 21:26

Tgt Ion:252 Resp: 26159
Ion Ratio Lower Upper
252 100
253 19.0 18.2 27.4
125 13.6 8.8 13.2#



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





#89

Benzo(k)fluoranthene

Concen: 0.62 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.04 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

Instrument :

BNA_F

ClientSampleId :

72-12002

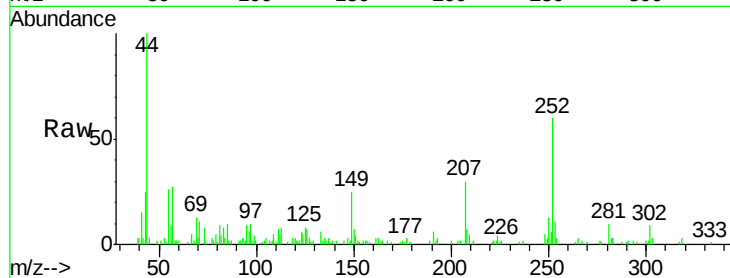
Tgt Ion:252 Resp: 26159

Ion Ratio Lower Upper

252 100

253 19.0 18.2 27.4

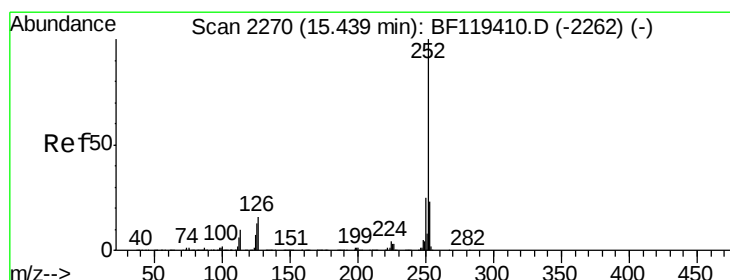
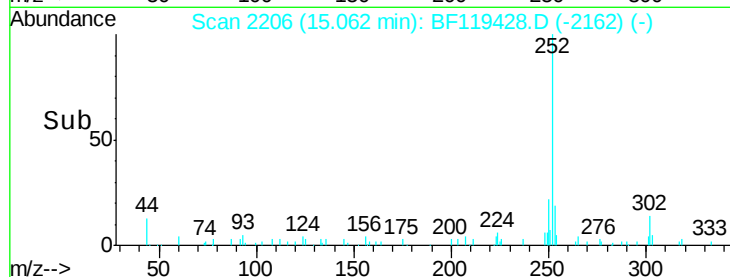
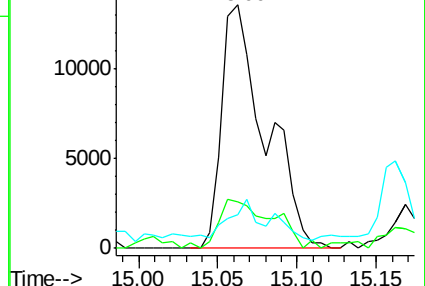
125 13.6 9.0 13.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 0.27 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

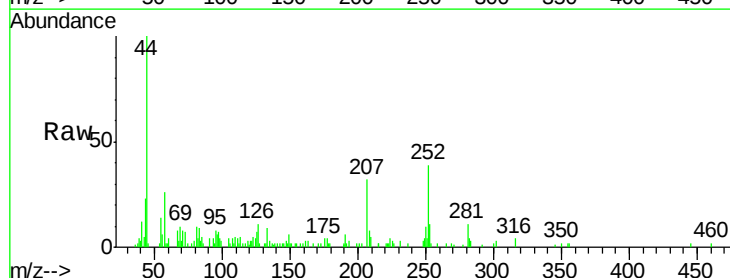
Tgt Ion:252 Resp: 11061

Ion Ratio Lower Upper

252 100

253 28.4 18.2 27.4#

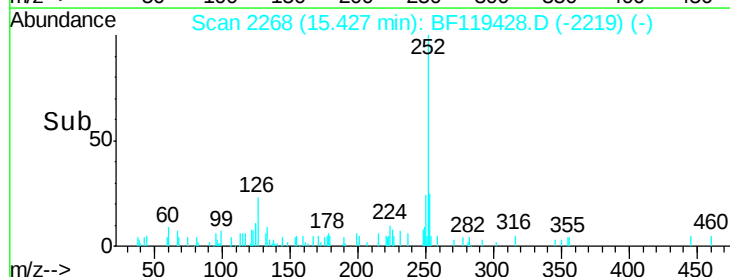
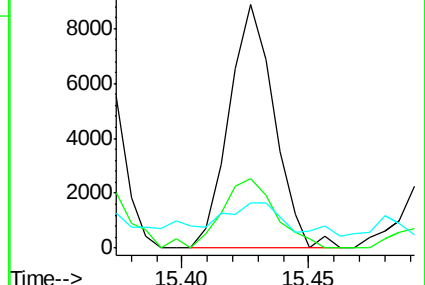
125 18.4 10.2 15.2#

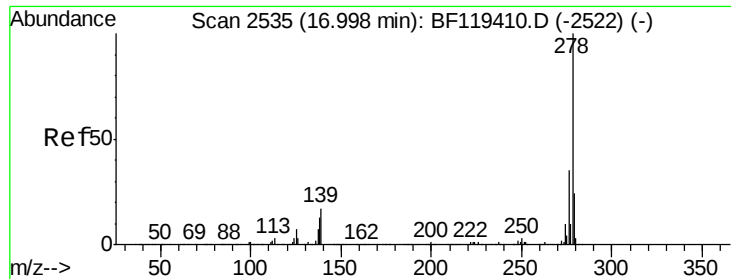


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 0.09 ng

RT: 16.96 min Scan# 2529

Delta R.T. -0.04 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

Instrument :

BNA_F

ClientSampleId :

72-12002

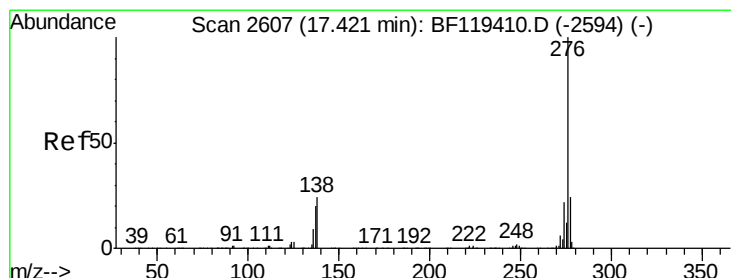
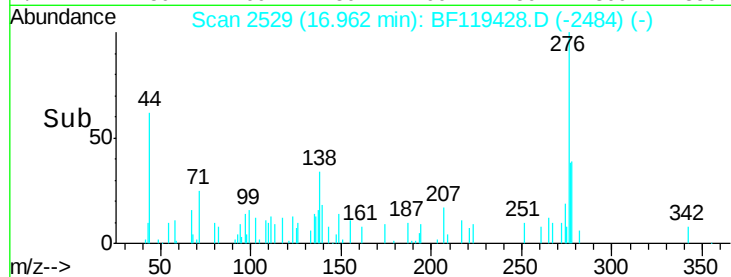
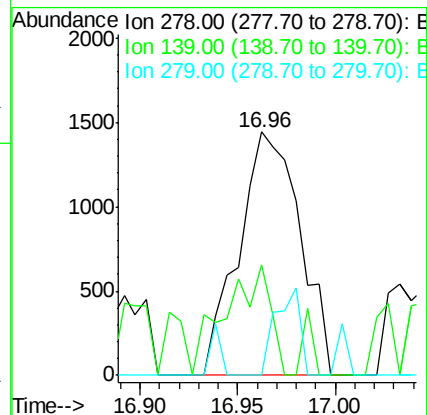
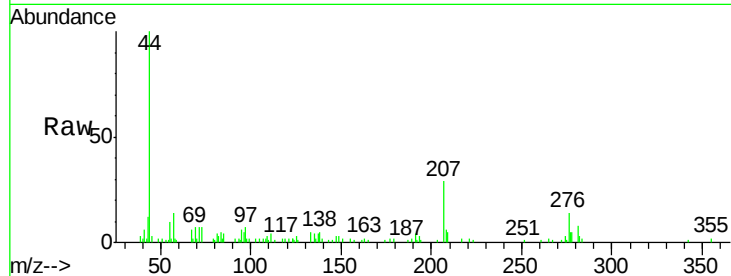
Tgt Ion:278 Resp: 3142

Ion Ratio Lower Upper

278 100

139 45.3 13.7 20.5#

279 0.0 19.2 28.8#



#92

Benzo(g,h,i)perylene

Concen: 0.27 ng

RT: 17.39 min Scan# 2602

Delta R.T. -0.03 min

Lab File: BF119428.D

Acq: 18 Mar 2020 21:26

Tgt Ion:276 Resp: 9698

Ion Ratio Lower Upper

276 100

277 33.2 18.8 28.2#

138 25.4 19.1 28.7

