

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031820\
 Data File : BF119421.D
 Acq On : 18 Mar 2020 18:03
 Operator : CG/JU
 Sample : L1933-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11976

Quant Time: Mar 19 01:17:53 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	349754	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1331123	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	669942	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1216757	20.00	ng	0.00
76) Chrysene-d12	14.03	240	721733	20.00	ng	0.00
87) Perylene-d12	15.49	264	643467	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	2157001	98.18	ng	0.01
7) Phenol-d6	6.47	99	2722127	96.99	ng	0.00
23) Nitrobenzene-d5	7.42	82	1705518	69.63	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	677920	98.08	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2773777	61.34	ng	0.00
79) Terphenyl-d14	12.97	244	2684155	72.86	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.64	88	770	0.07	ng	# 52
3) Pyridine	3.49	79	112	0.00	ng	# 1
4) n-Nitrosodimethylamine	3.29	42	249	0.02	ng	# 1
6) Aniline	6.51	93	142	0.00	ng	# 46
9) Benzaldehyde	6.40	77	720	0.04	ng	# 63
10) Phenol	6.48	94	10497	0.35	ng	# 1
11) bis(2-Chloroethyl)ether	6.51	93	142	0.01	ng	# 15
12) 1,3-Dichlorobenzene	6.87	146	498	0.02	ng	# 73
13) 1,4-Dichlorobenzene	6.87	146	498	0.02	ng	# 65
14) 1,2-Dichlorobenzene	7.02	146	158	0.01	ng	# 1
15) Benzyl Alcohol	7.01	79	26272	1.24	ng	# 47
16) 2,2'-oxybis(1-Chloropropan	7.12	45	345	0.01	ng	# 75
17) 2-Methylphenol	7.01	107	109	0.01	ng	# 1
18) Hexachloroethane	7.47	117	130	0.01	ng	# 3
19) n-Nitroso-di-n-propylamine	7.42	70	229302	13.55	ng	# 73
20) 3+4-Methylphenols	7.01	107	109	0.00	ng	# 1
22) Acetophenone	7.26	105	1311	0.04	ng	# 75
24) Nitrobenzene	7.42	77	4793	0.18	ng	# 37
25) Isophorone	7.42	82	1704219	34.30	ng	# 66
27) 2,4-Dimethylphenol	7.80	122	692	0.03	ng	# 3
28) bis(2-Chloroethoxy)methane	8.14	93	345	0.01	ng	# 1
31) Naphthalene	8.16	128	5498	0.08	ng	# 93
32) Benzoic acid	7.80	122	692	0.05	ng	# 84
33) 4-Chloroaniline	8.16	127	730	0.02	ng	# 33
35) Caprolactam	8.56	113	260	0.04	ng	# 1
36) 4-Chloro-3-methylphenol	8.69	107	140	0.01	ng	# 19
37) 2-Methylnaphthalene	8.95	142	3049	0.07	ng	# 93
38) 1-Methylnaphthalene	8.95	142	3049	0.07	ng	# 94
46) 1,1'-Biphenyl	9.32	154	9078	0.17	ng	# 94
47) 2-Chloronaphthalene	9.61	162	3914	0.09	ng	# 1
48) 2-Nitroaniline	9.36	65	296	0.02	ng	# 9
49) Acenaphthylene	9.76	152	3650	0.05	ng	# 81
50) Dimethylphthalate	9.61	163	587953	12.36	ng	# 99
51) 2,6-Dinitrotoluene	9.61	165	6255	0.61	ng	# 3

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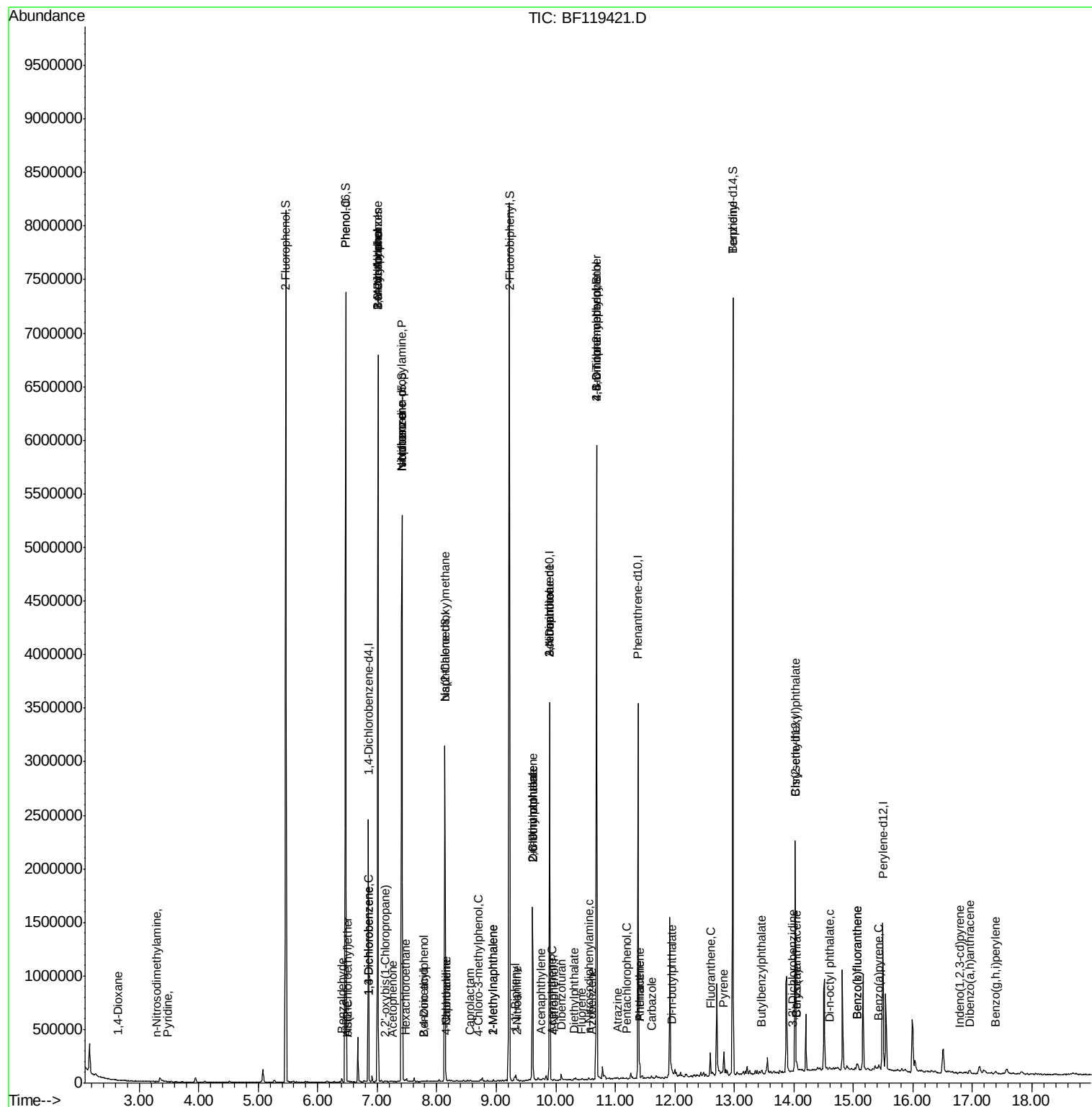
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	9.93	154	2428	0.06	ng	# 94
53) 3-Nitroaniline	9.89	138	177	0.01	ng	# 1
55) Dibenzofuran	10.10	168	3041	0.05	ng	# 94
56) 4-Nitrophenol	9.98	139	148	0.01	ng	# 51
57) 2,4-Dinitrotoluene	9.90	165	87101	6.78	ng	# 25
58) Fluorene	10.45	166	3966	0.09	ng	# 94
60) Diethylphthalate	10.32	149	1757	0.04	ng	# 73
63) Azobenzene	10.60	77	750	0.02	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.69	198	1303	0.26	ng	# 1
66) n-Nitrosodiphenylamine	10.56	169	1228	0.03	ng	# 25
67) 4-Bromophenyl-phenylether	10.69	248	42543	3.07	ng	# 1
69) Atrazine	11.04	200	119	0.01	ng	# 34
70) Pentachlorophenol	11.19	266	125	0.02	ng	# 17
71) Phenanthrene	11.41	178	44431	0.70	ng	# 95
72) Anthracene	11.41	178	44431	0.69	ng	# 96
73) Carbazole	11.61	167	5609	0.09	ng	# 94
74) Di-n-butylphthalate	11.95	149	6292	0.09	ng	# 94
75) Fluoranthene	12.60	202	77330	1.13	ng	# 95
77) Benzidine	12.97	184	33859	1.11	ng	# 95
78) Pyrene	12.82	202	83118	1.40	ng	# 97
80) Butylbenzylphthalate	13.44	149	962	0.04	ng	# 23
81) Benzo(a)anthracene	14.05	228	32996	0.70	ng	# 94
82) 3,3'-Dichlorobenzidine	13.97	252	364	0.02	ng	# 27
83) Chrysene	14.05	228	32996	0.68	ng	# 96
84) Bis(2-ethylhexyl)phthalate	14.02	149	16410	0.57	ng	# 91
85) Di-n-octyl phthalate	14.60	149	817	0.02	ng	# 44
86) Indeno(1,2,3-cd)pyrene	16.80	276	3291	0.07	ng	# 98
88) Benzo(b)fluoranthene	15.06	252	40139	0.93	ng	# 89
89) Benzo(k)fluoranthene	15.06	252	40139	0.98	ng	# 89
90) Benzo(a)pyrene	15.43	252	19939	0.51	ng	# 94
91) Dibenzo(a,h)anthracene	16.97	278	4864	0.14	ng	# 73
92) Benzo(g,h,i)perylene	17.39	276	15730	0.46	ng	# 88

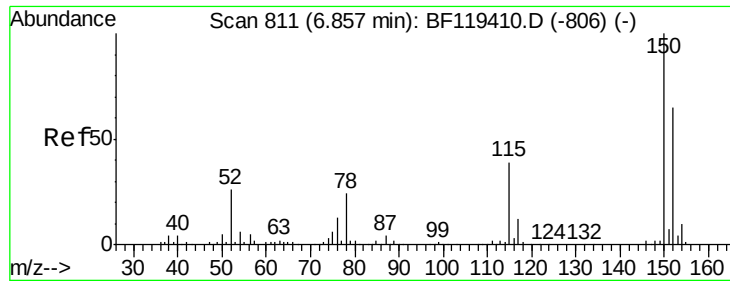
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

Instrument :

BNA_F

ClientSampleId :

72-11976

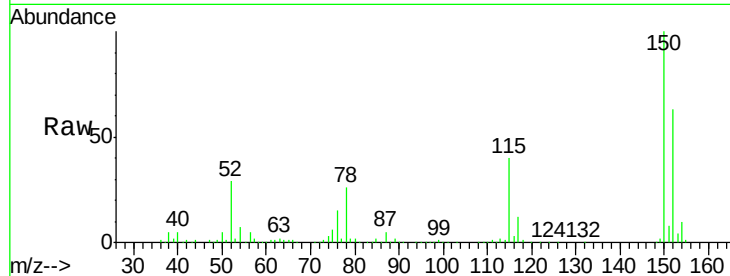
Tgt Ion:152 Resp: 349754

Ion Ratio Lower Upper

152 100

150 158.6 123.9 185.9

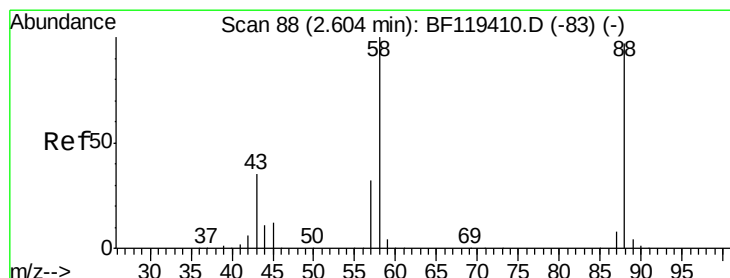
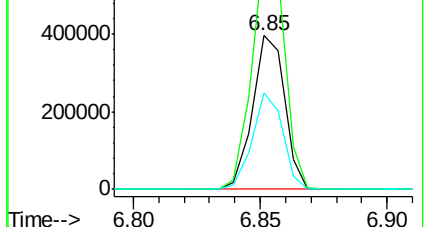
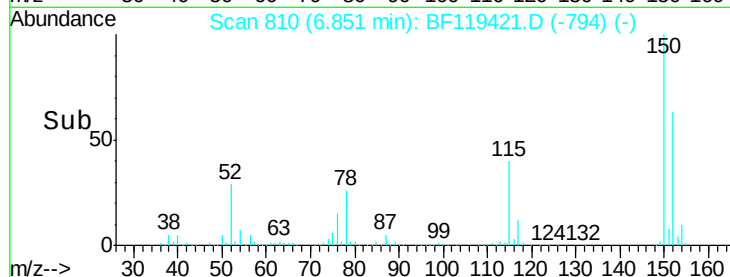
115 63.0 47.8 71.6



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: 0.07 ng

RT: 2.64 min Scan# 94

Delta R.T. 0.04 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

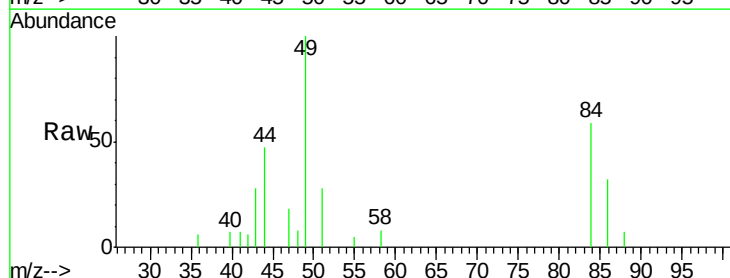
Tgt Ion: 88 Resp: 770

Ion Ratio Lower Upper

88 100

58 120.3 79.4 119.2#

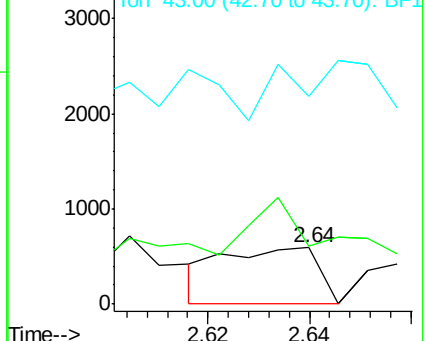
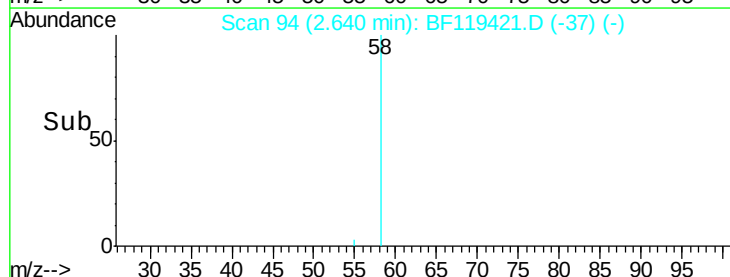
43 107.9 28.4 42.6#

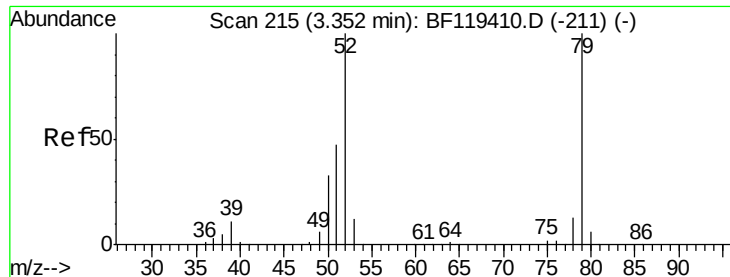


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 0.00 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.14 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

Instrument :

BNA_F

ClientSampleId :

72-11976

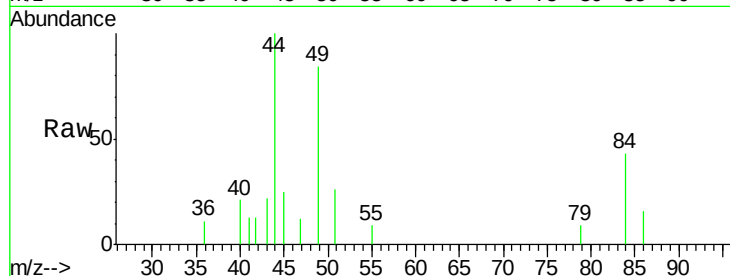
Tgt Ion: 79 Resp: 112

Ion Ratio Lower Upper

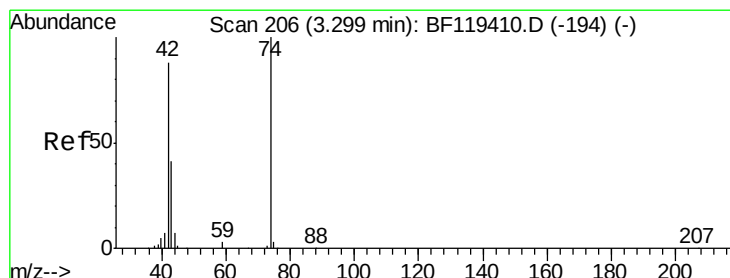
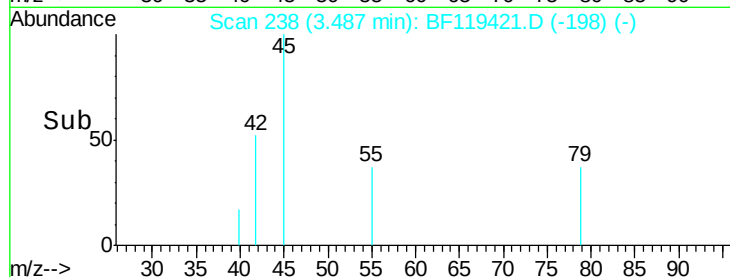
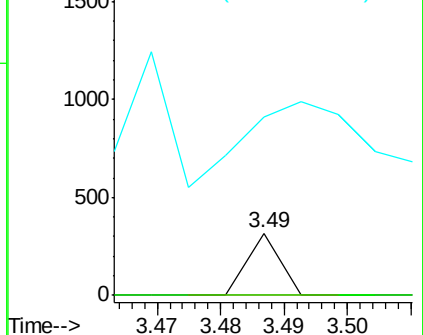
79 100

52 0.0 80.0 120.0#

51 285.5 37.9 56.9#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 0.02 ng

RT: 3.29 min Scan# 205

Delta R.T. -0.01 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

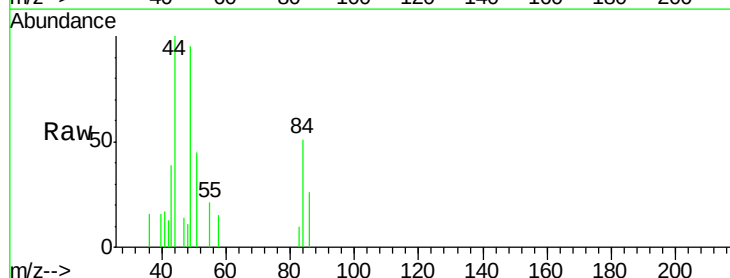
Tgt Ion: 42 Resp: 249

Ion Ratio Lower Upper

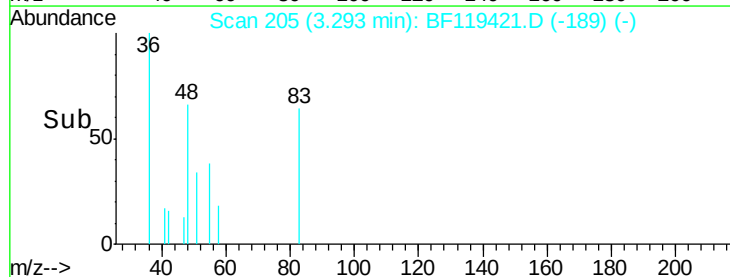
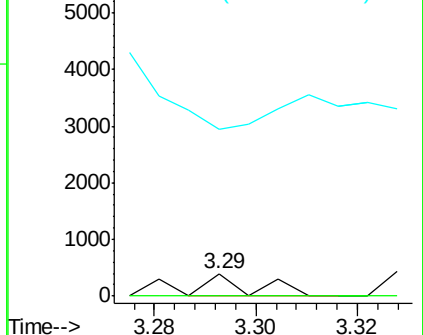
42 100

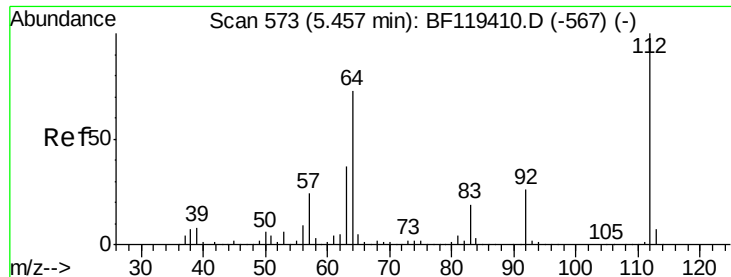
74 0.0 91.3 136.9#

44 747.3 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: 98.18 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

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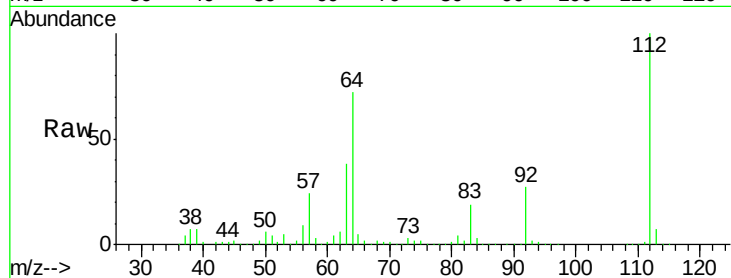
Tgt Ion: 112 Resp: 2157001

Ion Ratio Lower Upper

112 100

64 72.2 58.1 87.1

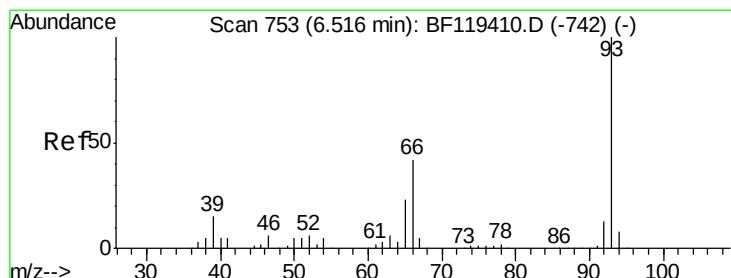
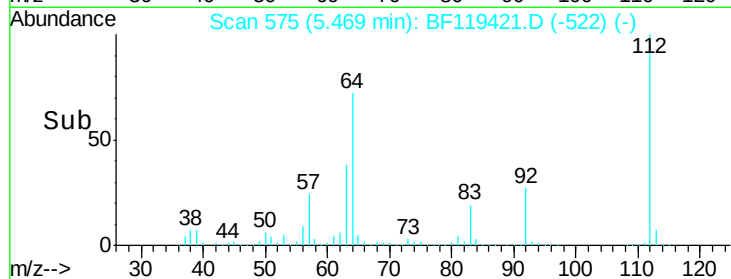
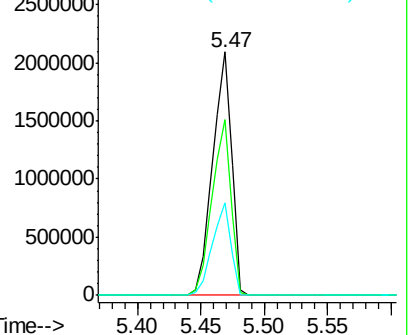
63 37.8 29.7 44.5



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: 0.00 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

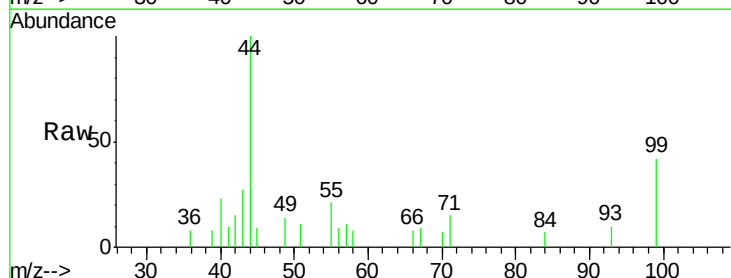
Tgt Ion: 93 Resp: 142

Ion Ratio Lower Upper

93 100

66 79.9 34.2 51.4#

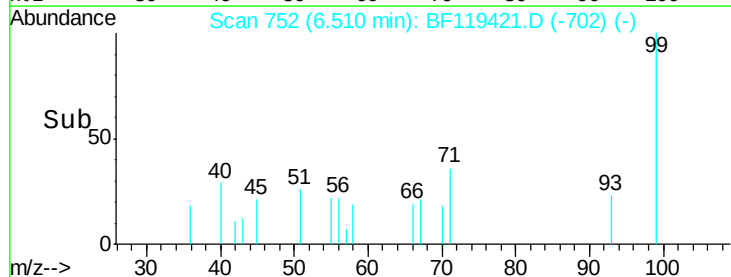
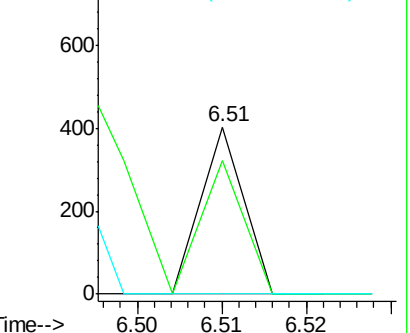
65 0.0 18.2 27.4#

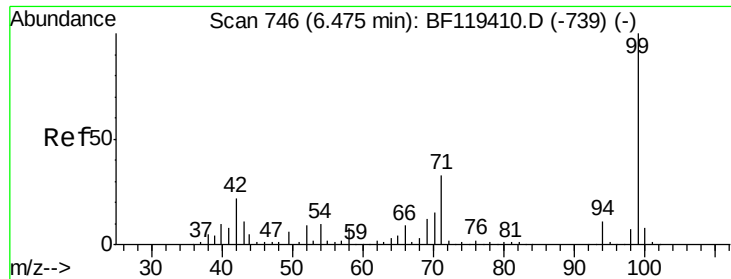


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 96.99 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

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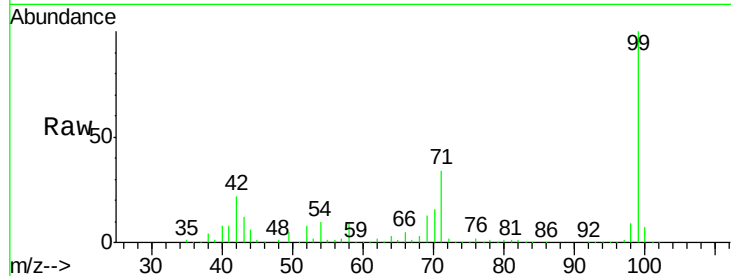
Tgt Ion: 99 Resp: 2722127

Ion Ratio Lower Upper

99 100

42 22.1 17.8 26.6

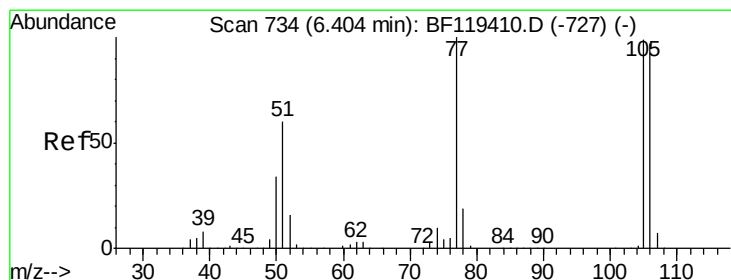
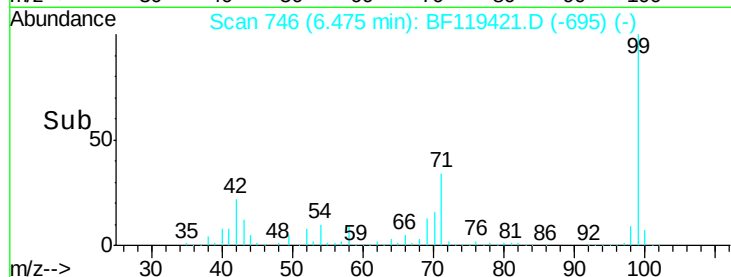
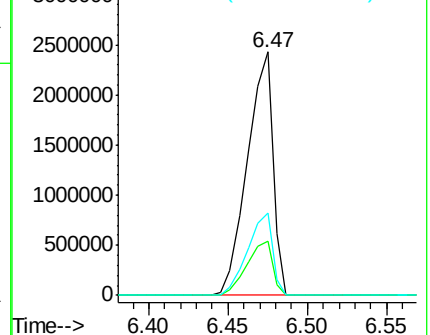
71 33.7 26.0 39.0



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: 0.04 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

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Acq: 18 Mar 2020 18:03

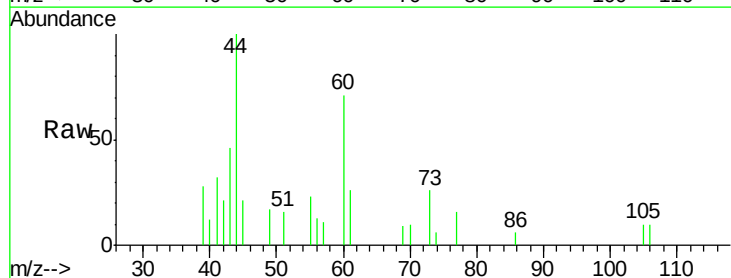
Tgt Ion: 77 Resp: 720

Ion Ratio Lower Upper

77 100

105 63.5 78.6 118.6#

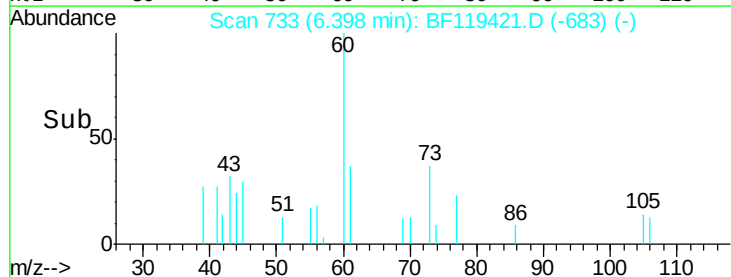
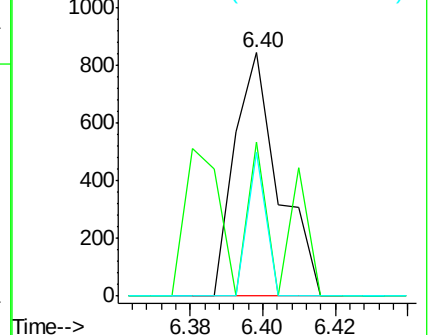
106 58.8 76.5 116.5#

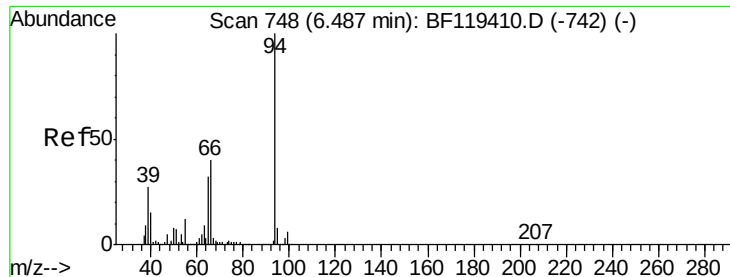


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.35 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

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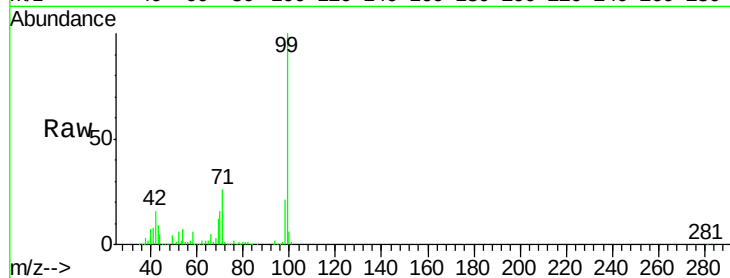
Tgt Ion: 94 Resp: 10497

Ion Ratio Lower Upper

94 100

65 85.9 12.0 52.0#

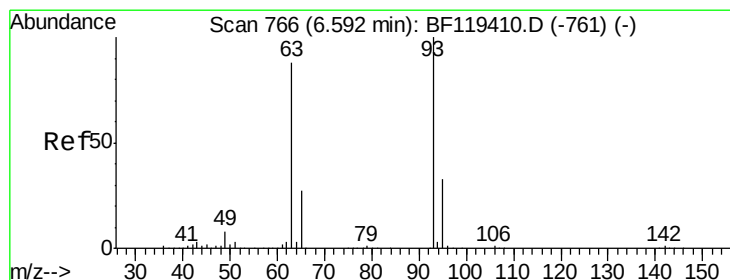
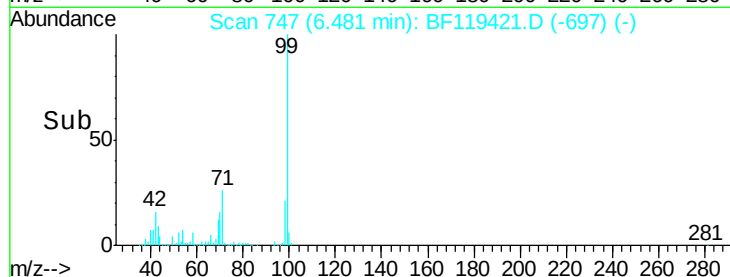
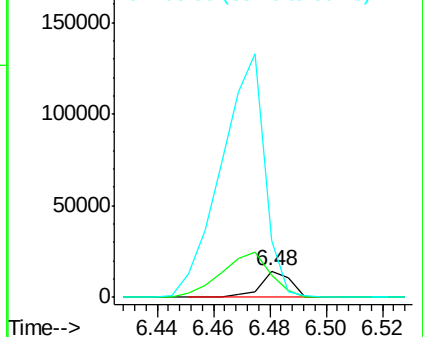
66 218.5 20.6 60.6#



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



#11

bis(2-Chloroethyl)ether

Concen: 0.01 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.08 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

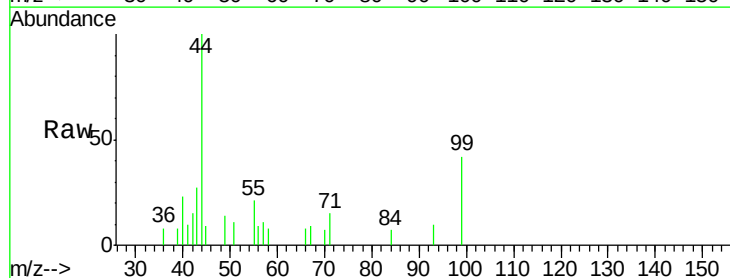
Tgt Ion: 93 Resp: 142

Ion Ratio Lower Upper

93 100

63 0.0 68.4 108.4#

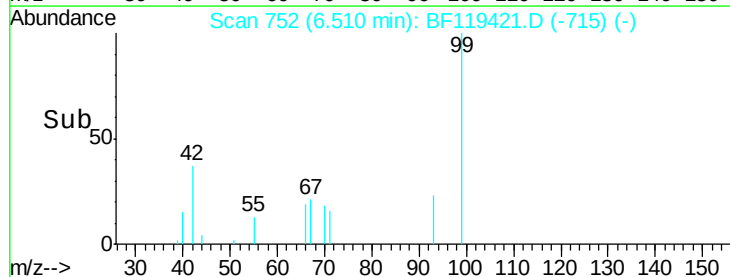
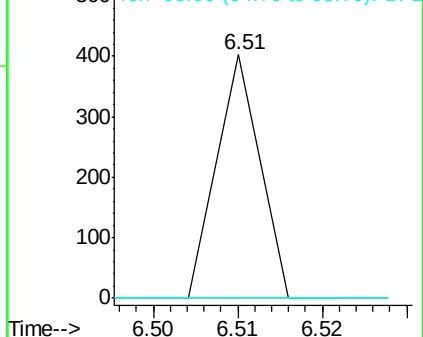
95 0.0 13.4 53.4#

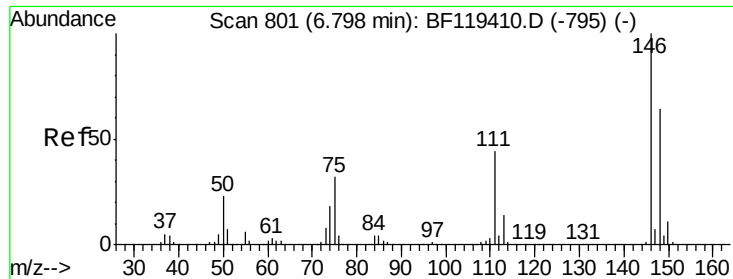


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

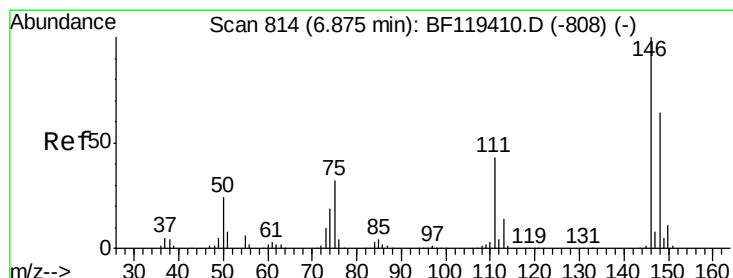
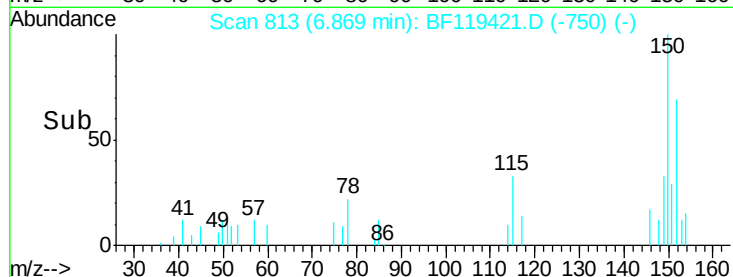
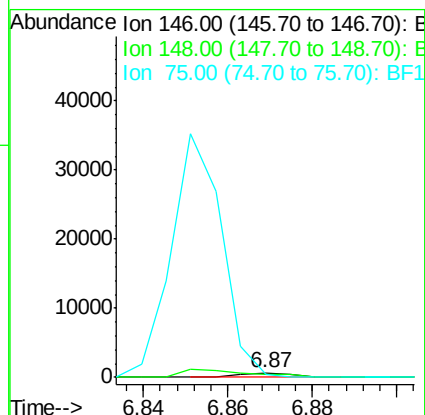
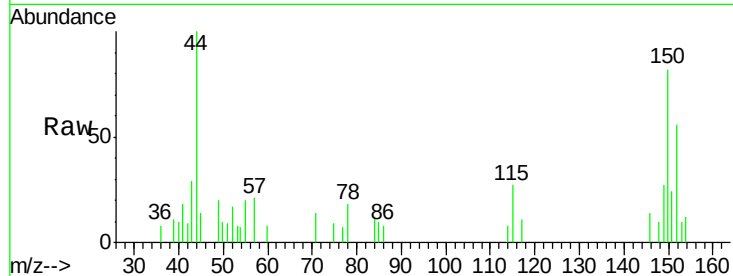




#12
 1,3-Dichlorobenzene
 Concen: 0.02 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.07 min
 Lab File: BF119421.D
 Acq: 18 Mar 2020 18:03

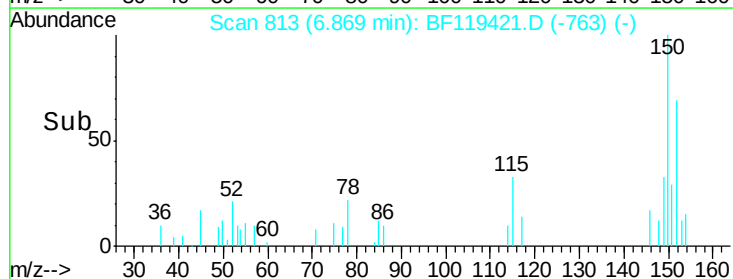
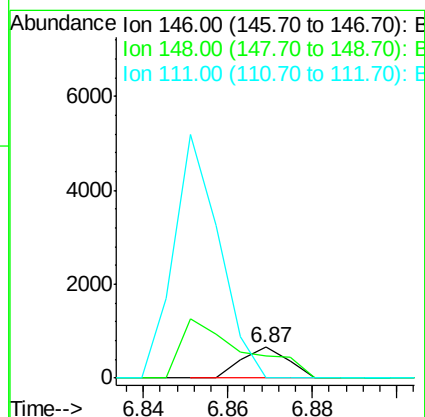
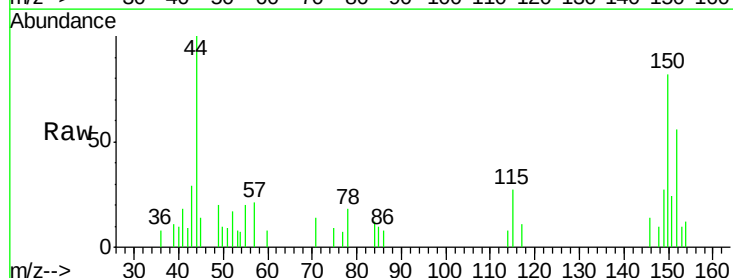
Instrument :
 BNA_F
 ClientSampleId :
 72-11976

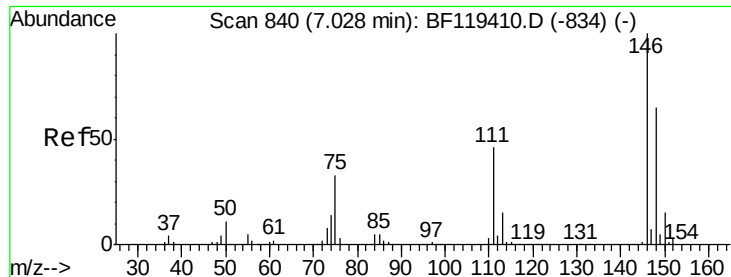
Tgt Ion:146 Resp: 498
 Ion Ratio Lower Upper
 146 100
 148 73.2 51.4 77.0
 75 64.5 25.8 38.8#



#13
 1,4-Dichlorobenzene
 Concen: 0.02 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF119421.D
 Acq: 18 Mar 2020 18:03

Tgt Ion:146 Resp: 498
 Ion Ratio Lower Upper
 146 100
 148 73.2 50.9 76.3
 111 0.0 34.6 52.0#

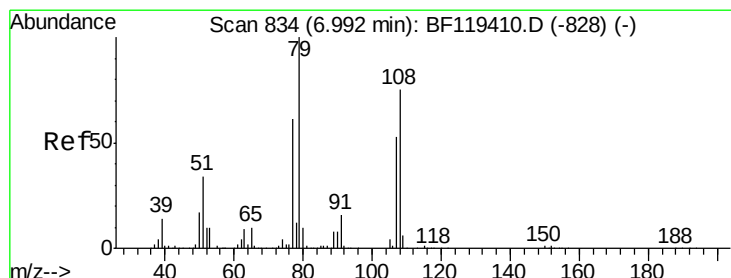
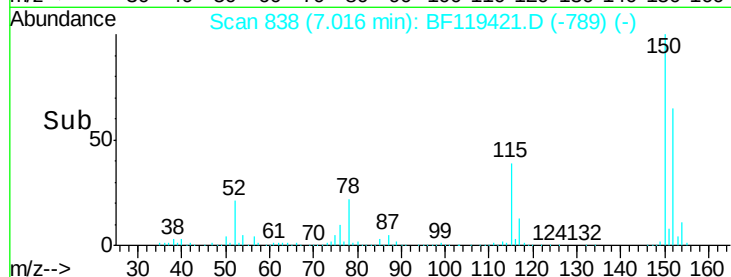
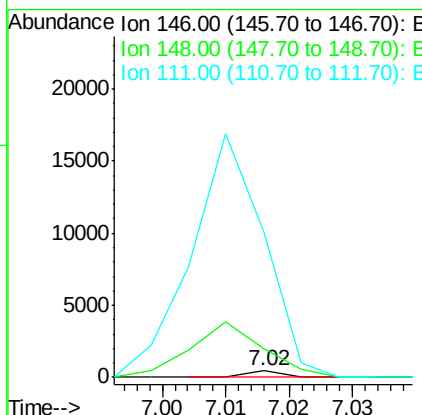
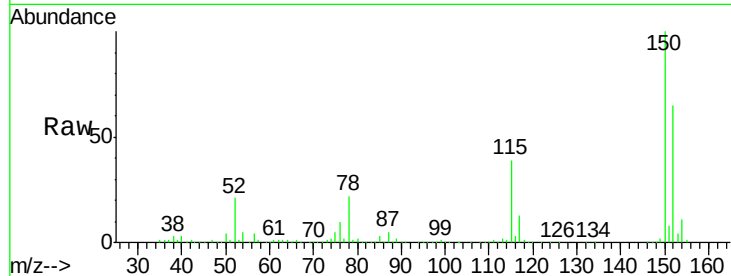




#14
 1,2-Dichlorobenzene
 Concen: 0.01 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF119421.D
 Acq: 18 Mar 2020 18:03

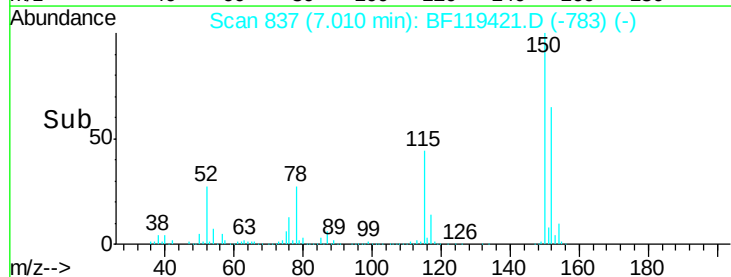
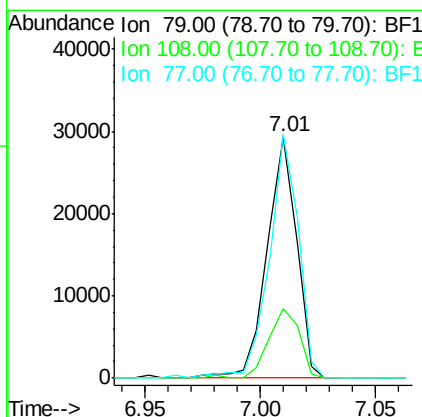
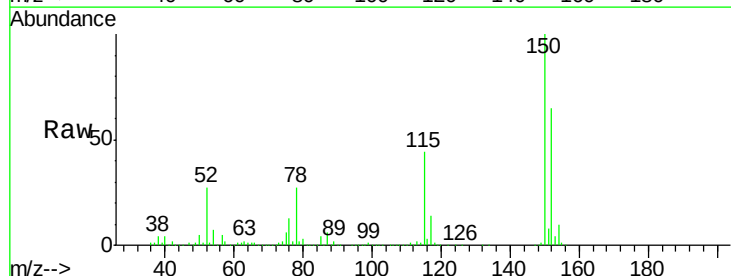
Instrument :
 BNA_F
 ClientSampleId :
 72-11976

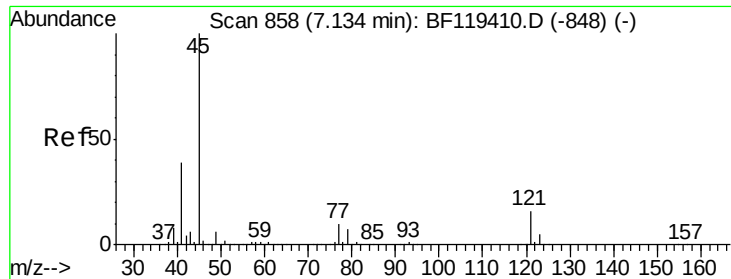
Tgt Ion:146 Resp: 158
 Ion Ratio Lower Upper
 146 100
 148 447.0 51.7 77.5#
 111 2249.9 36.4 54.6#



#15
 Benzyl Alcohol
 Concen: 1.24 ng
 RT: 7.01 min Scan# 837
 Delta R.T. 0.02 min
 Lab File: BF119421.D
 Acq: 18 Mar 2020 18:03

Tgt Ion: 79 Resp: 26272
 Ion Ratio Lower Upper
 79 100
 108 28.9 60.4 90.6#
 77 100.7 49.0 73.4#

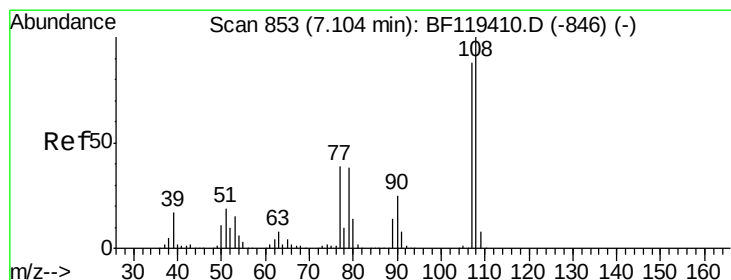
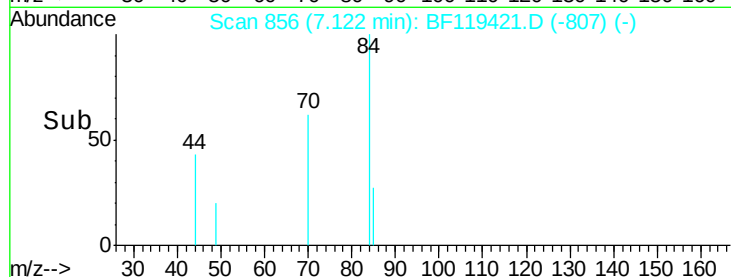
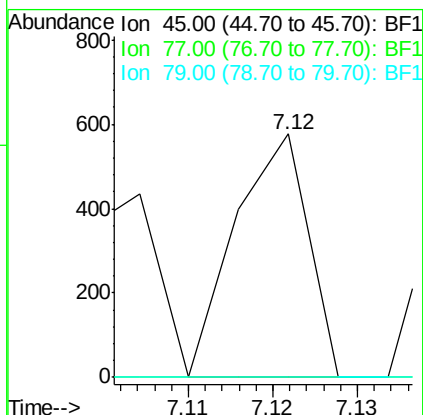
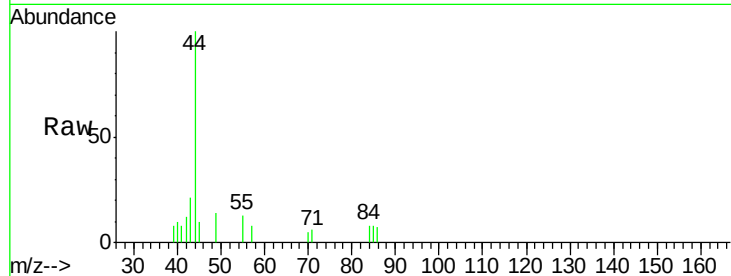




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.01 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

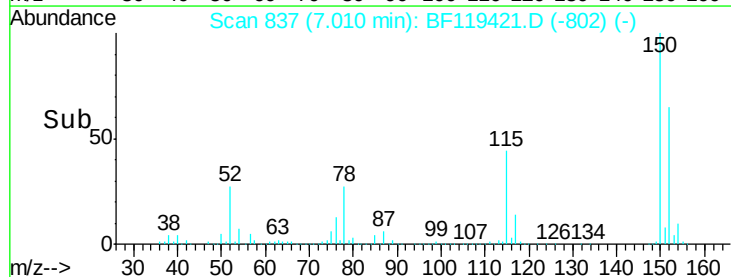
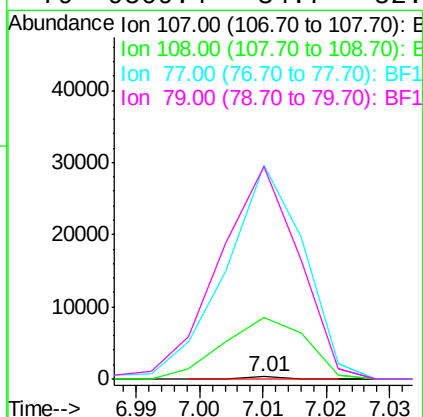
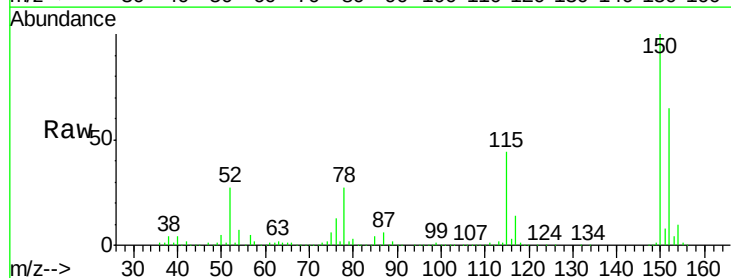
Instrument :
BNA_F
ClientSampleId :
72-11976

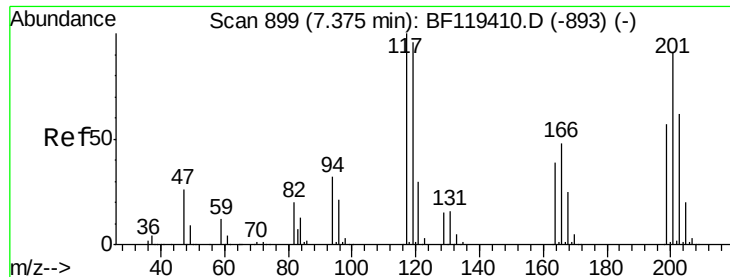
Tgt Ion: 45 Resp: 345
Ion Ratio Lower Upper
45 100
77 0.0 0.0 30.1
79 0.0 0.0 27.4



#17
2-Methylphenol
Concen: 0.01 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.09 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion: 107 Resp: 109
Ion Ratio Lower Upper
107 100
108 2745.3 90.7 136.1#
77 9579.3 35.6 53.4#
79 9509.4 34.7 52.1#





#18

Hexachloroethane

Concen: 0.01 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.10 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

Instrument :

BNA_F

ClientSampleId :

72-11976

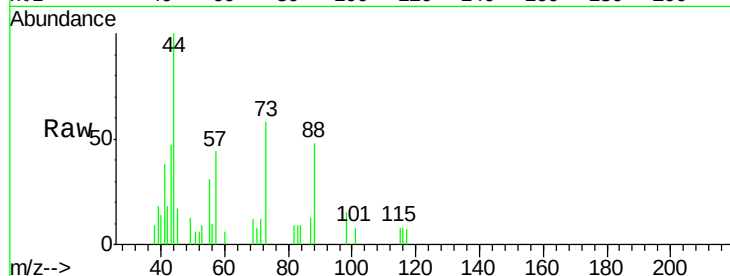
Tgt Ion:117 Resp: 130

Ion Ratio Lower Upper

117 100

119 0.0 76.8 115.2#

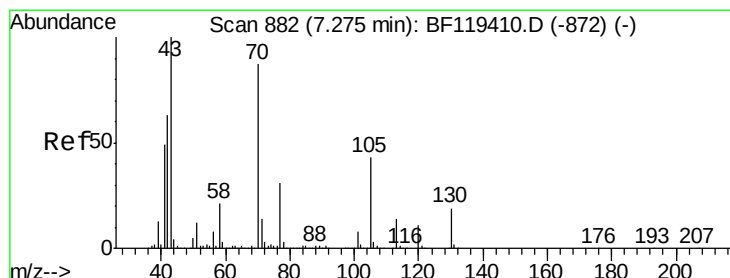
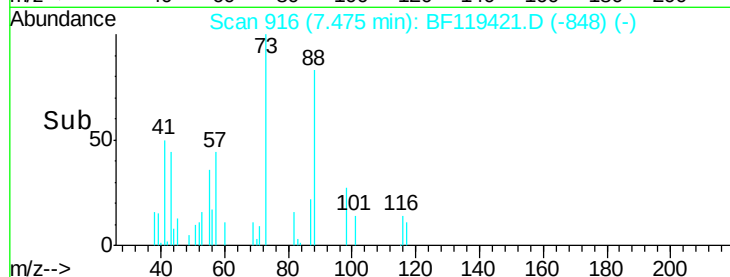
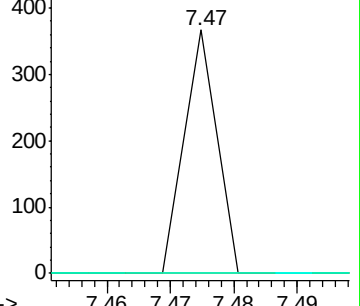
201 0.0 72.5 108.7#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 13.55 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.14 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

Tgt Ion: 70 Resp: 229302

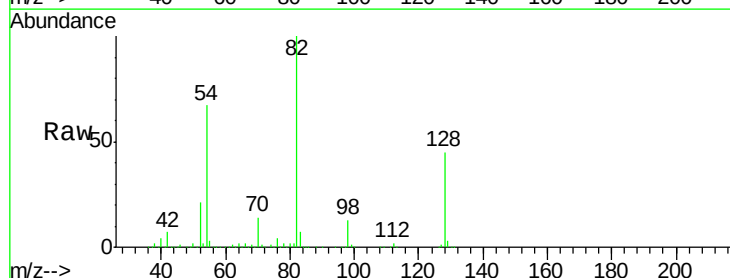
Ion Ratio Lower Upper

70 100

42 54.0 58.2 87.4#

101 0.0 7.4 11.2#

130 2.1 17.8 26.8#

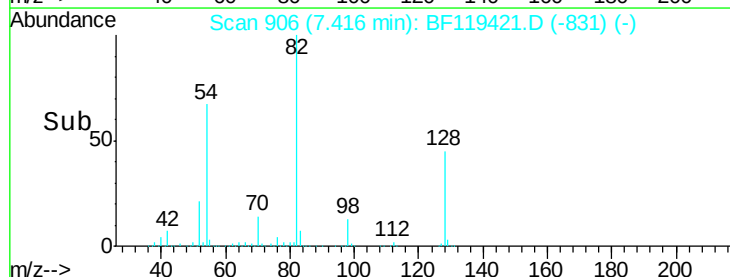
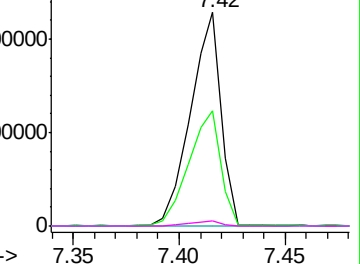


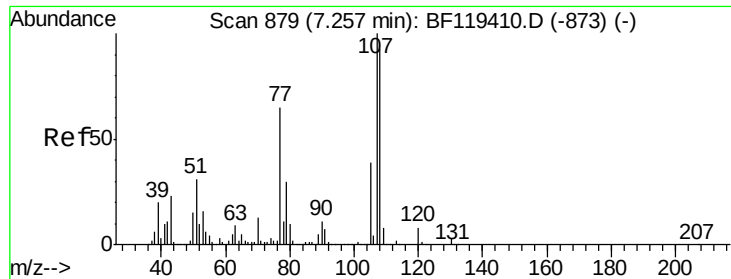
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

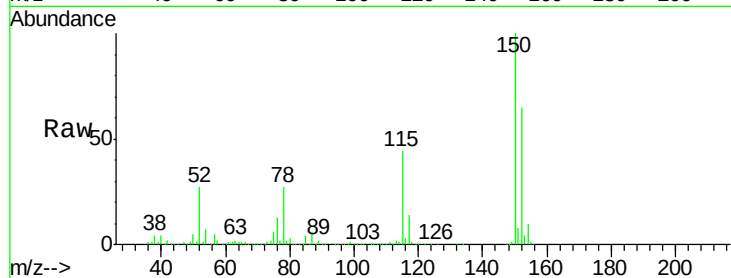




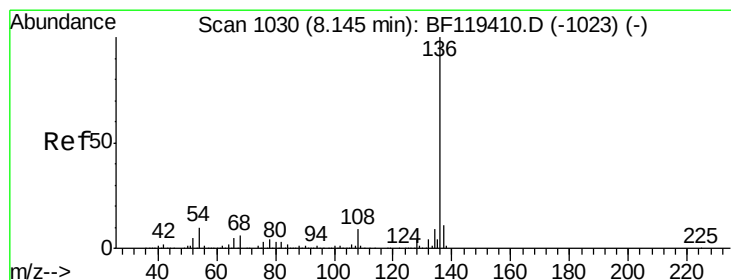
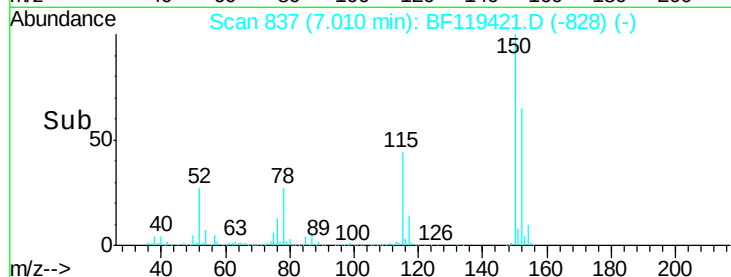
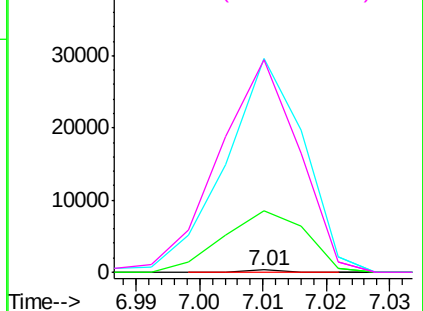
#20
3+4-Methylphenols
Concen: 0.00 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.25 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion:107 Resp: 109
Ion Ratio Lower Upper
107 100
108 2745.3 72.6 112.6#
77 9579.3 44.7 84.7#
79 9509.4 10.2 50.2#



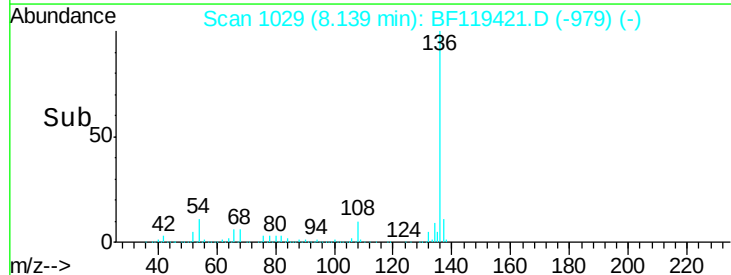
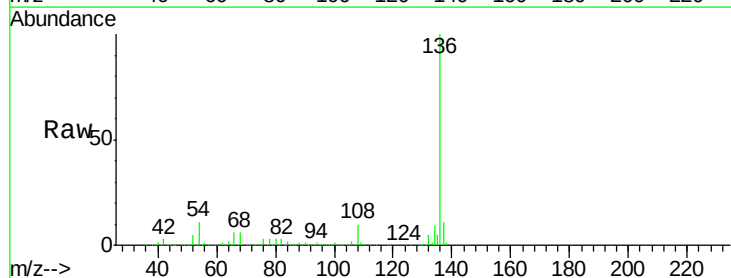
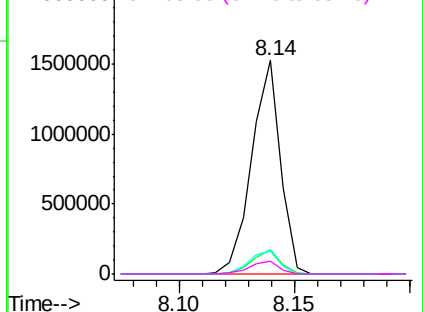
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

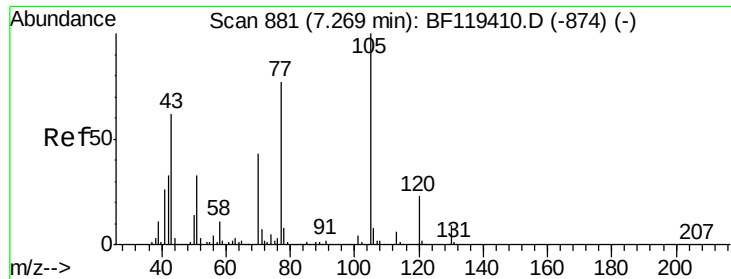


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion:136 Resp: 1331123
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 11.1 8.3 12.5
68 6.0 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: 0.04 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

Instrument :

BNA_F

ClientSampleId :

72-11976

Tgt Ion: 105 Resp: 1311

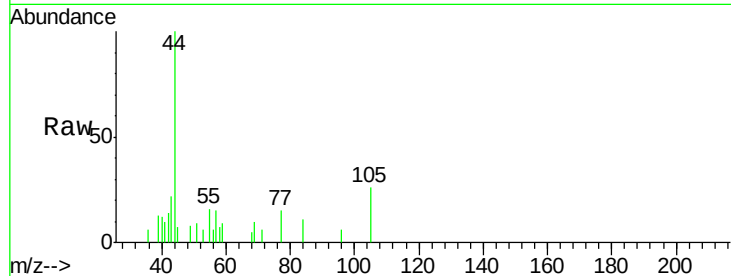
Ion Ratio Lower Upper

105 100

71 24.8 5.8 8.6#

51 36.2 26.8 40.2

120 0.0 18.0 27.0#



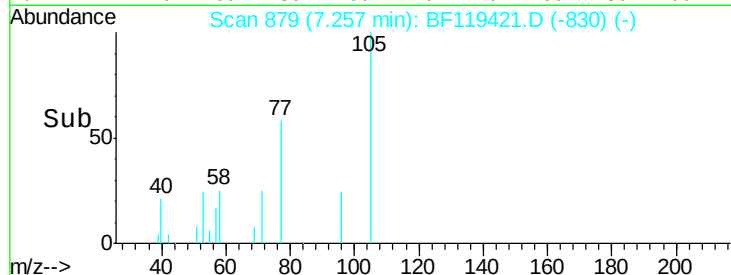
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

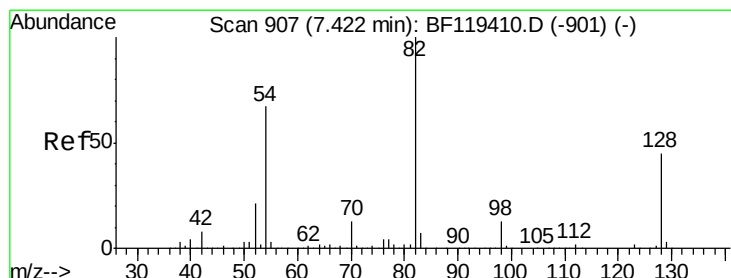
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

Time-->



Time-->



#23

Nitrobenzene-d5

Concen: 69.63 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

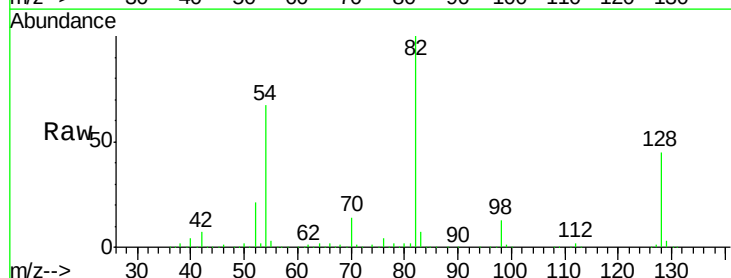
Tgt Ion: 82 Resp: 1705518

Ion Ratio Lower Upper

82 100

128 45.2 35.8 53.8

54 67.1 53.4 80.0

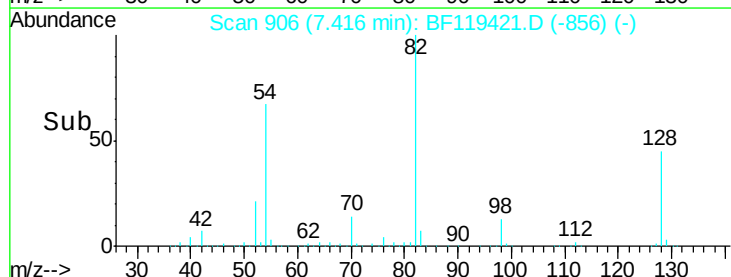


Abundance Ion 82.00 (81.70 to 82.70): BF1

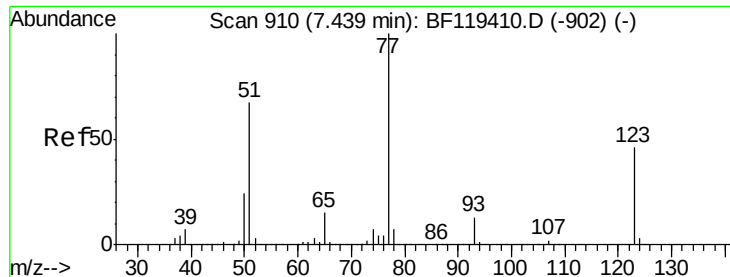
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

Time-->



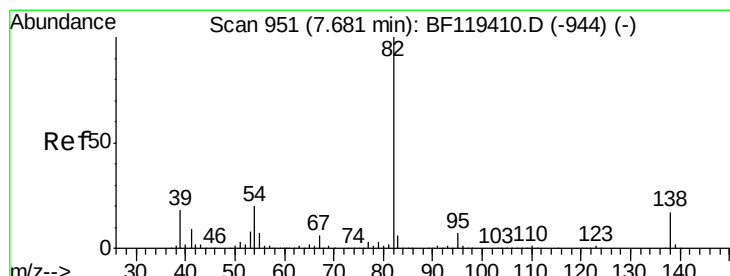
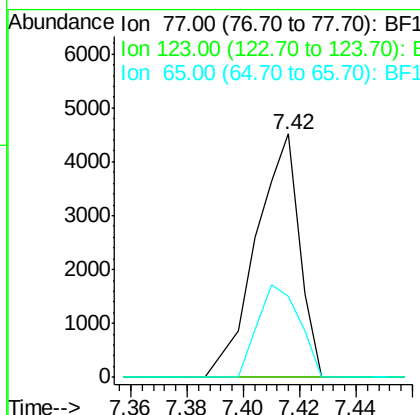
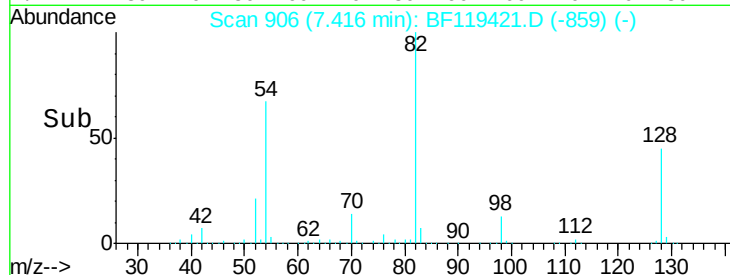
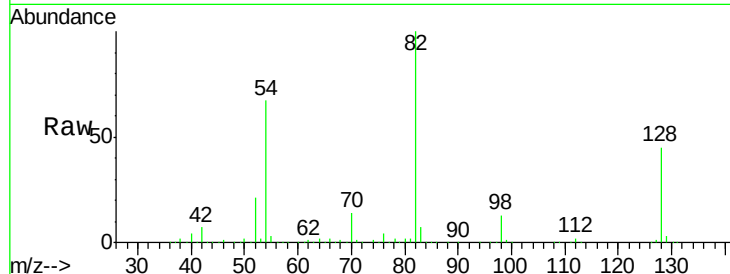
Time-->



#24
 Nitrobenzene
 Concen: 0.18 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BF119421.D
 Acq: 18 Mar 2020 18:03

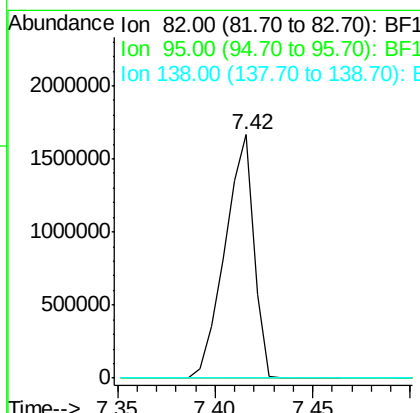
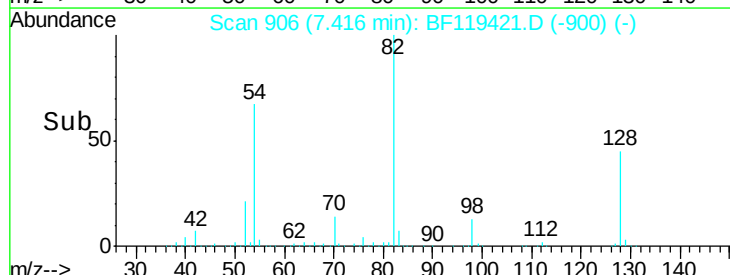
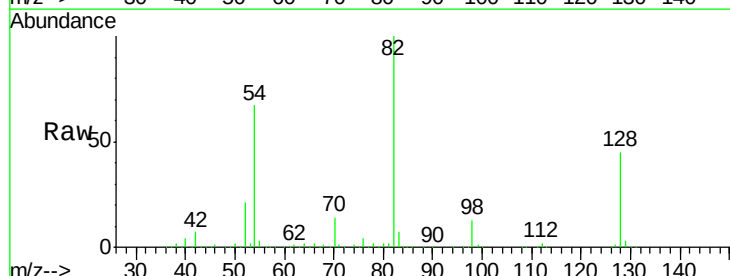
Instrument :
 BNA_F
 ClientSampleId :
 72-11976

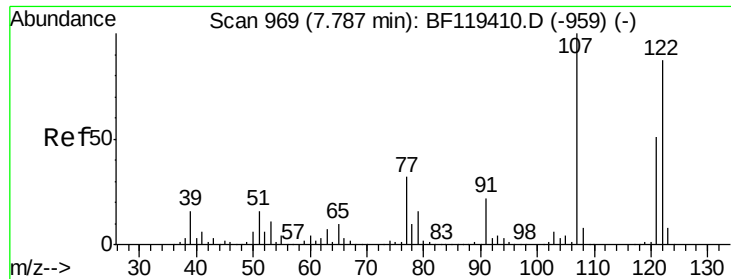
Tgt Ion: 77 Resp: 4793
 Ion Ratio Lower Upper
 77 100
 123 0.0 36.9 55.3#
 65 33.5 12.2 18.4#



#25
 Isophorone
 Concen: 34.30 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.26 min
 Lab File: BF119421.D
 Acq: 18 Mar 2020 18:03

Tgt Ion: 82 Resp: 1704219
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 13.8 20.8#

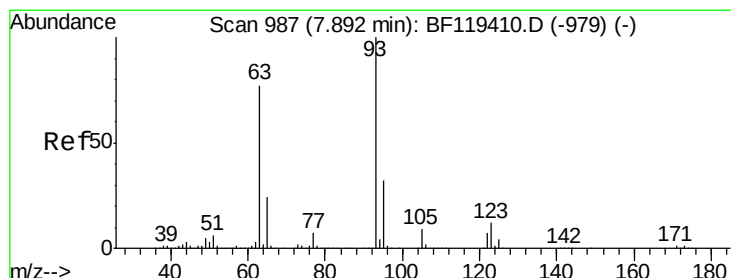
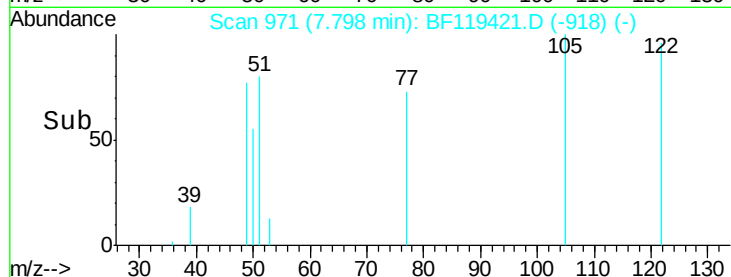
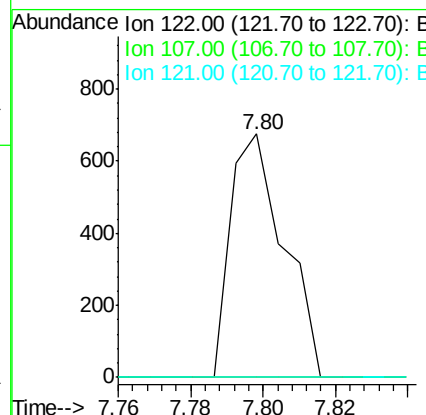
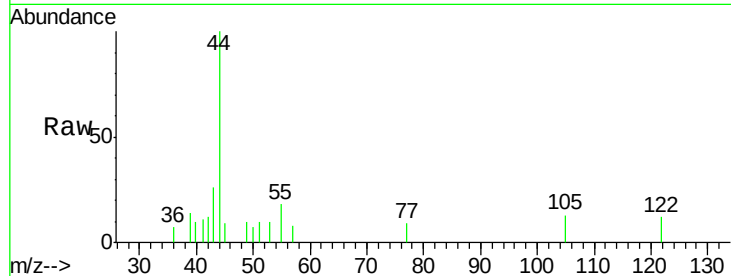




#27
 2,4-Dimethylphenol
 Concen: 0.03 ng
 RT: 7.80 min Scan# 971
 Delta R.T. 0.01 min
 Lab File: BF119421.D
 Acq: 18 Mar 2020 18:03

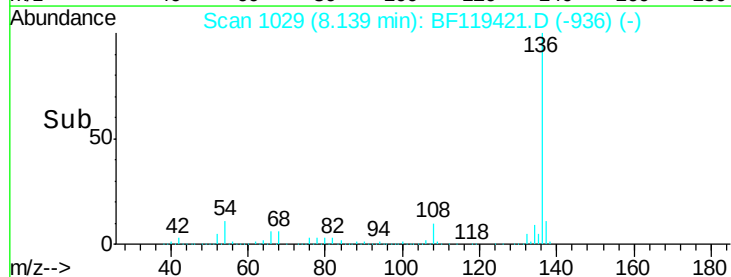
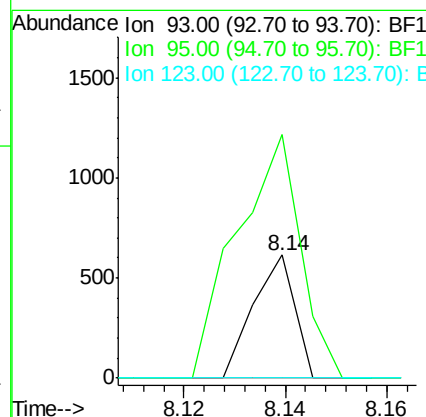
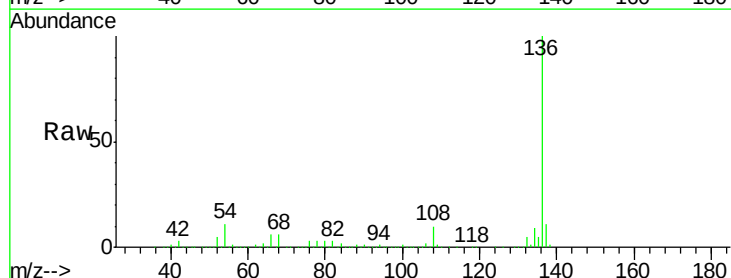
Instrument :
 BNA_F
 ClientSampleId :
 72-11976

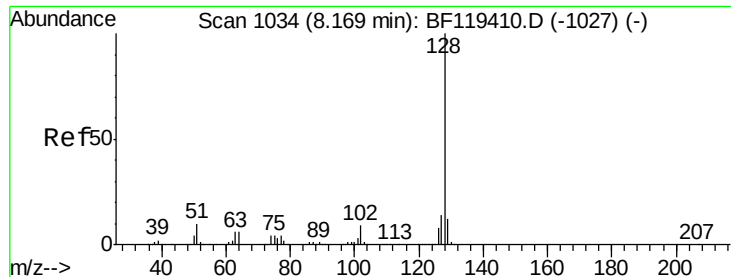
Tgt Ion:122 Resp: 692
 Ion Ratio Lower Upper
 122 100
 107 0.0 91.8 137.6#
 121 0.0 46.5 69.7#



#28
 bis(2-Chloroethoxy)methane
 Concen: 0.01 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. 0.25 min
 Lab File: BF119421.D
 Acq: 18 Mar 2020 18:03

Tgt Ion: 93 Resp: 345
 Ion Ratio Lower Upper
 93 100
 95 198.4 26.0 39.0#
 123 0.0 9.7 14.5#

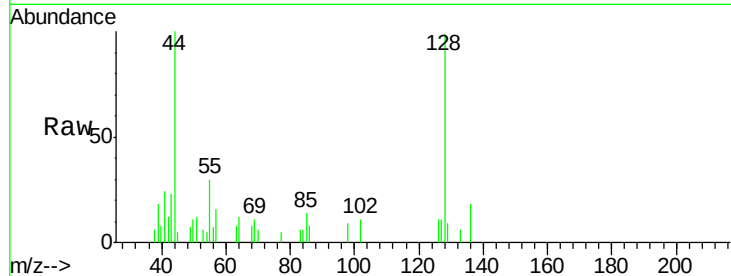




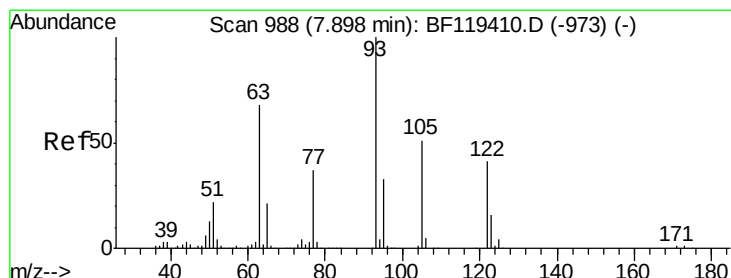
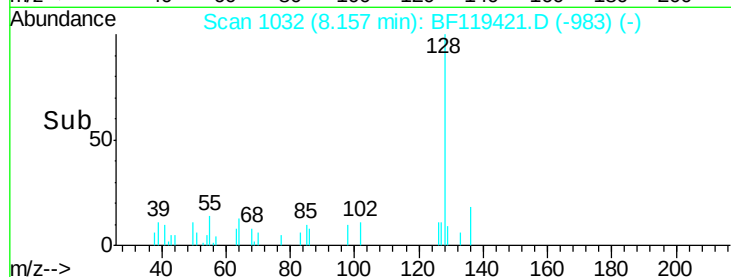
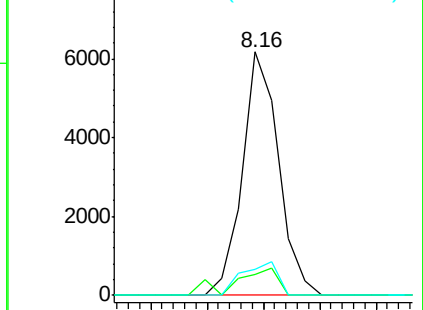
#31
Naphthalene
Concen: 0.08 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion:128 Resp: 5498
Ion Ratio Lower Upper
128 100
129 8.7 9.3 13.9#
127 10.7 11.0 16.4#

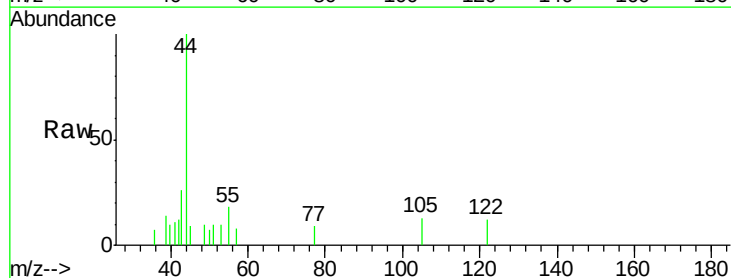


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

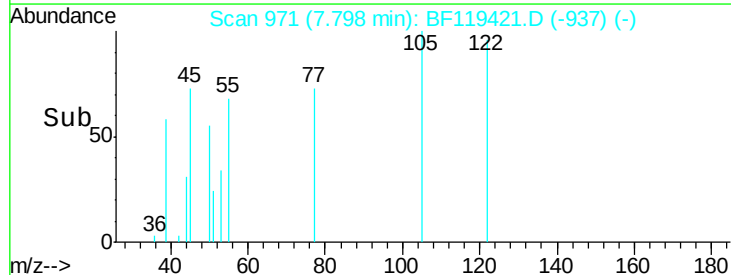
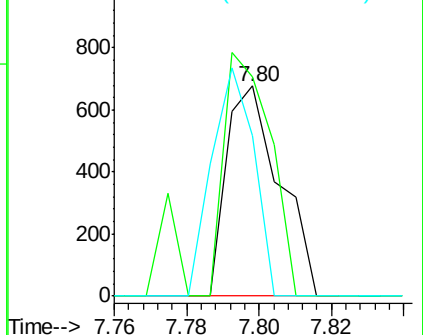


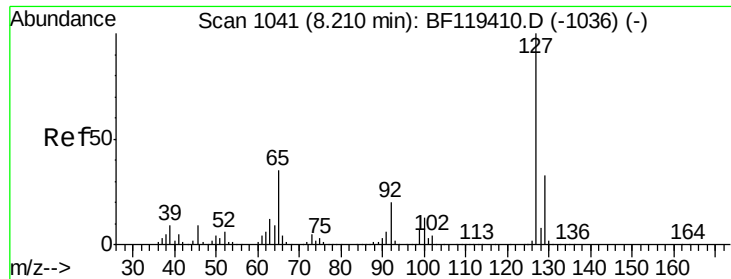
#32
Benzoic acid
Concen: 0.05 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.10 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion:122 Resp: 692
Ion Ratio Lower Upper
122 100
105 104.3 102.9 142.9
77 76.6 70.1 110.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

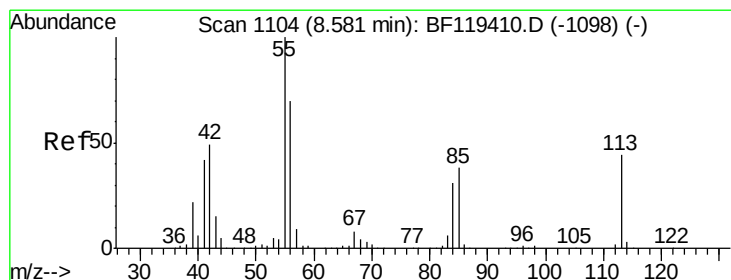
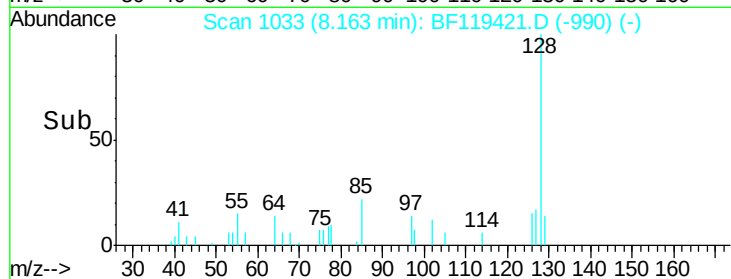
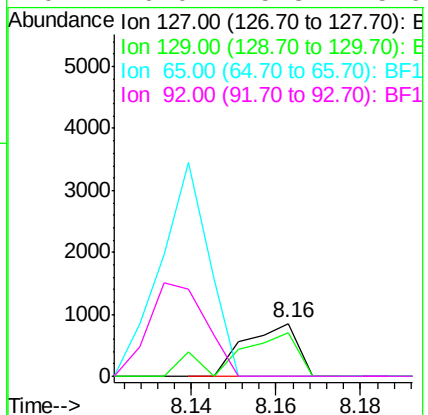
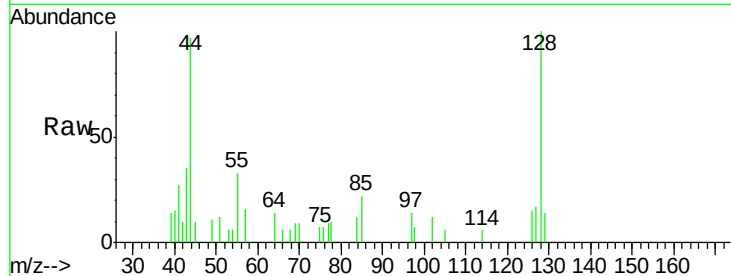




#33
4-Chloroaniline
Concen: 0.02 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.05 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

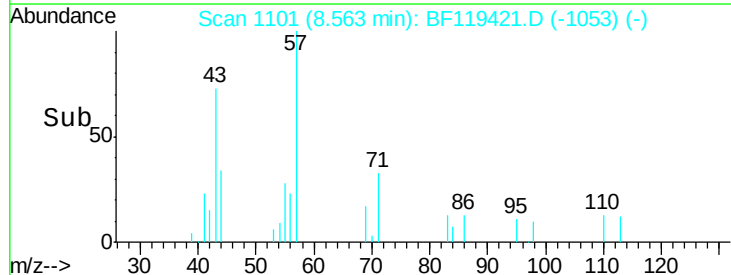
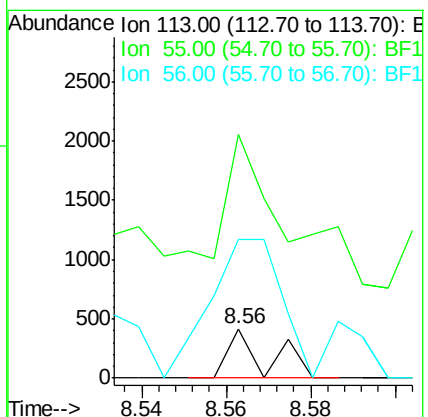
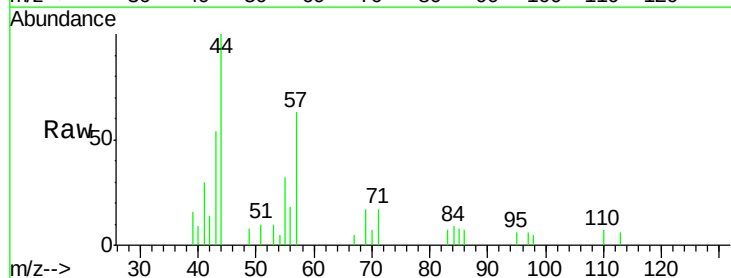
Instrument :
BNA_F
ClientSampleId :
72-11976

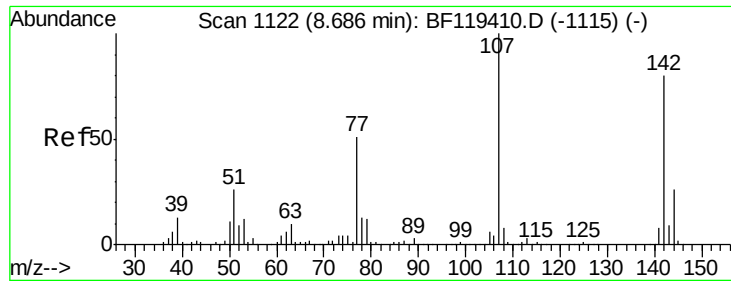
Tgt Ion:	127	Resp:	730
Ion	Ratio	Lower	Upper
127	100		
129	82.9	26.2	39.4#
65	0.0	27.7	41.5#
92	0.0	15.8	23.6#



#35
Caprolactam
Concen: 0.04 ng
RT: 8.56 min Scan# 1101
Delta R.T. -0.02 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion:	113	Resp:	260
Ion	Ratio	Lower	Upper
113	100		
55	496.4	208.4	248.4#
56	281.4	138.9	178.9#

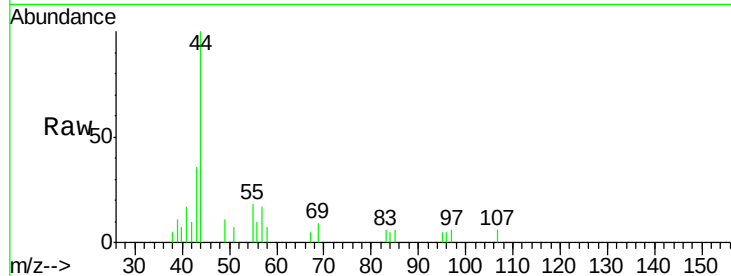




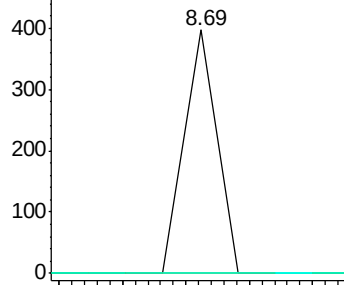
#36
 4-Chloro-3-methylphenol
 Concen: 0.01 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: BF119421.D
 Acq: 18 Mar 2020 18:03

Instrument :
 BNA_F
 ClientSampleId :
 72-11976

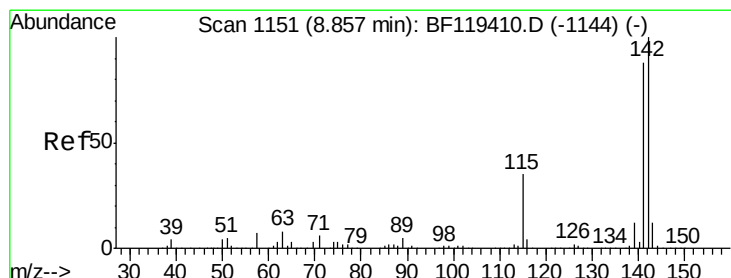
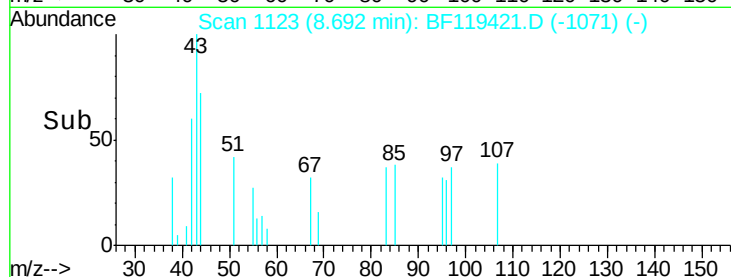
Tgt Ion:107 Resp: 140
 Ion Ratio Lower Upper
 107 100
 144 0.0 20.6 31.0#
 142 0.0 63.8 95.6#



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

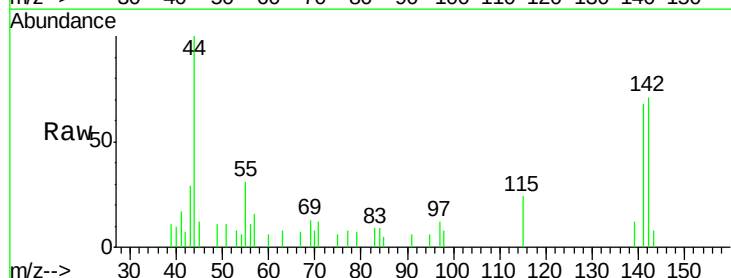


Time--> 8.67 8.68 8.69 8.70 8.71

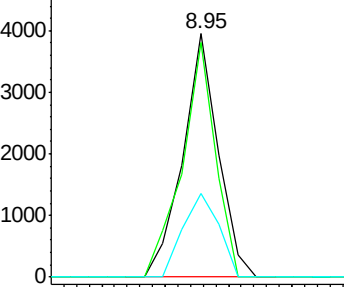


#37
 2-Methylnaphthalene
 Concen: 0.07 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.09 min
 Lab File: BF119421.D
 Acq: 18 Mar 2020 18:03

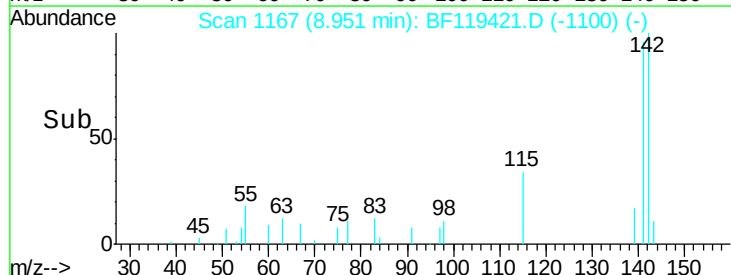
Tgt Ion:142 Resp: 3049
 Ion Ratio Lower Upper
 142 100
 141 96.4 70.4 105.6
 115 34.3 27.8 41.6

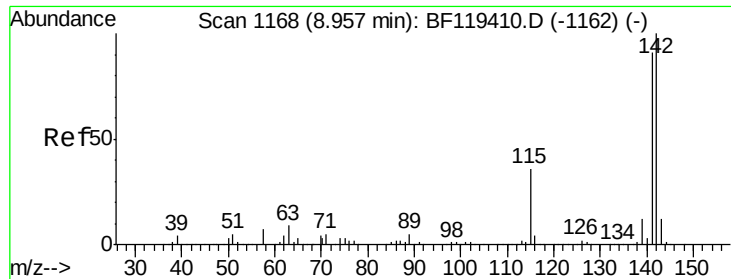


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E



Time--> 8.92 8.94 8.96 8.98

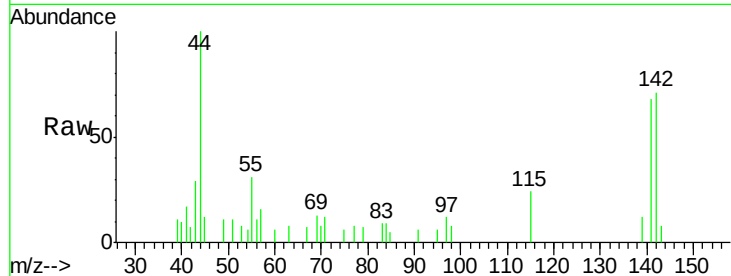




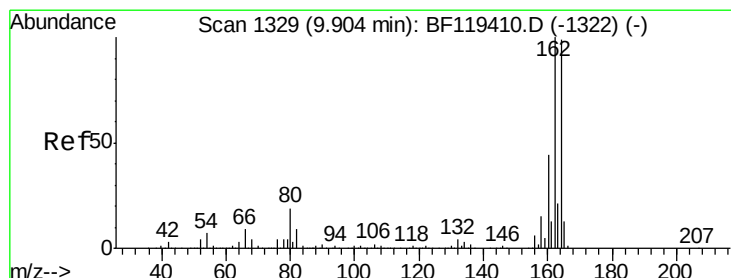
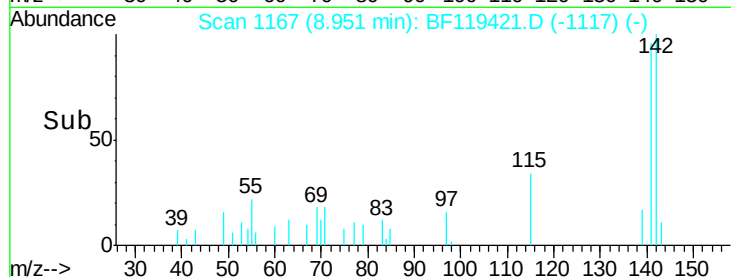
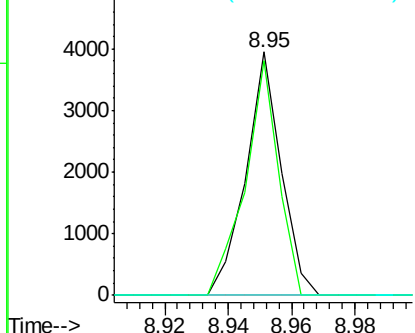
#38
1-Methylnaphthalene
Concen: 0.07 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion:142 Resp: 3049
Ion Ratio Lower Upper
142 100
141 96.4 73.1 109.7
116 0.0 3.0 4.6#

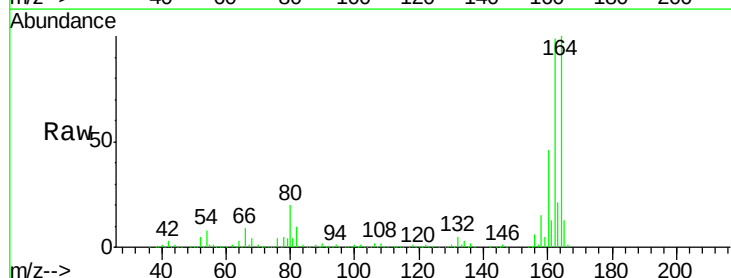


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

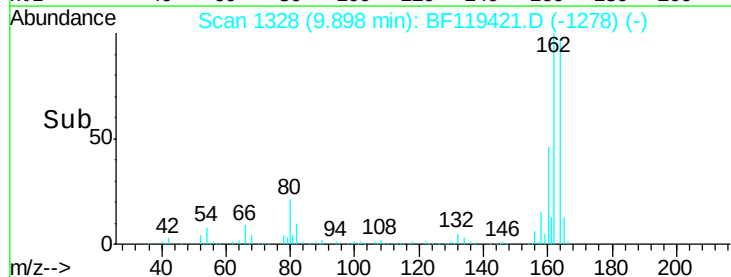
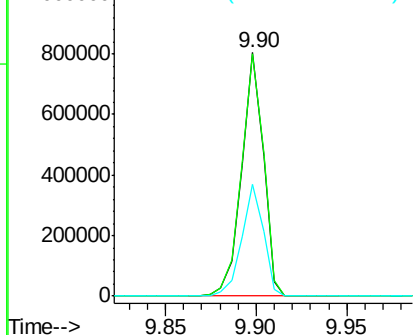


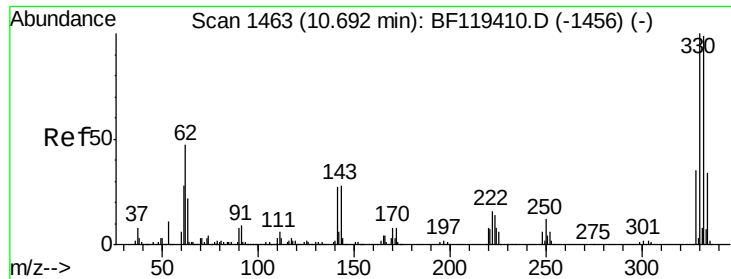
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion:164 Resp: 669942
Ion Ratio Lower Upper
164 100
162 99.5 80.7 121.1
160 45.8 35.5 53.3



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: 98.08 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

Instrument :

BNA_F

ClientSampled :

72-11976

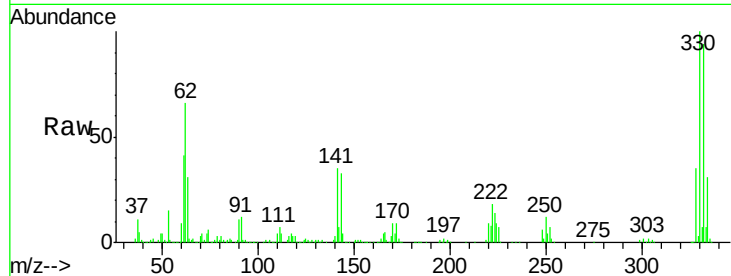
Tgt Ion:330 Resp: 677920

Ion Ratio Lower Upper

330 100

332 95.4 77.6 116.4

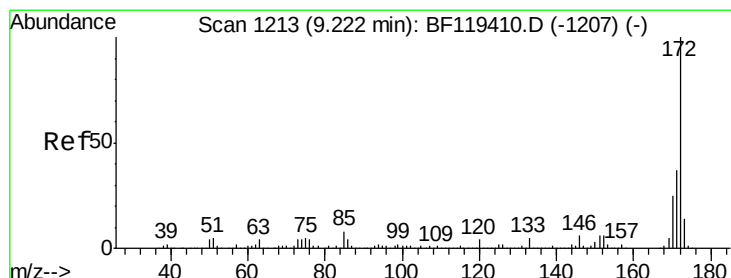
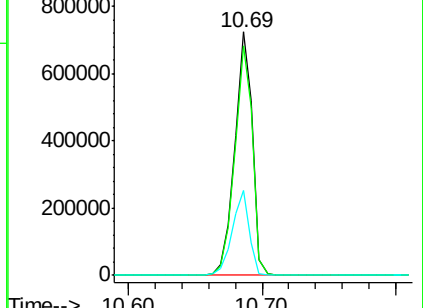
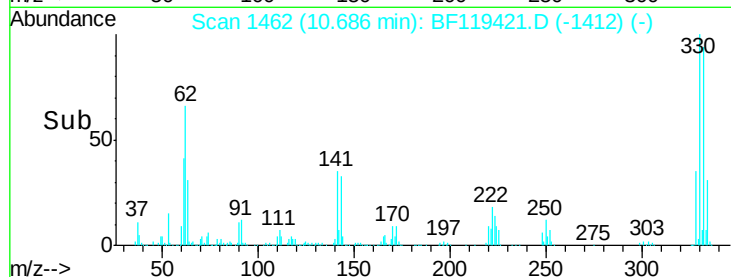
141 33.8 26.6 40.0



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: 61.34 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.00 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

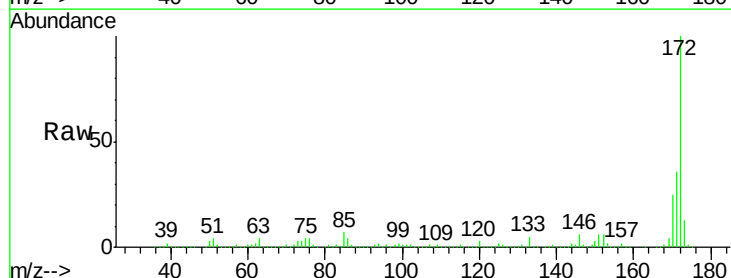
Tgt Ion:172 Resp: 2773777

Ion Ratio Lower Upper

172 100

171 36.1 29.9 44.9

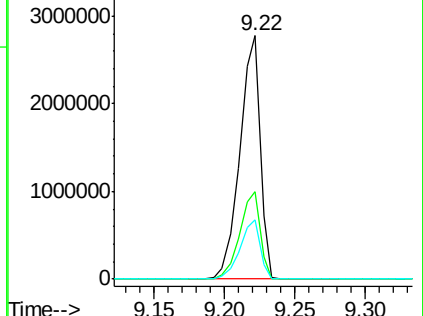
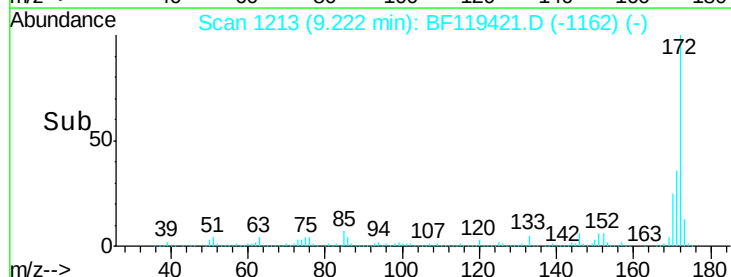
170 24.6 20.1 30.1

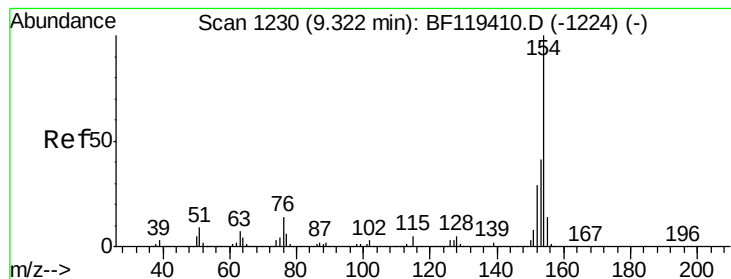


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#46

1,1'-Biphenyl

Concen: 0.17 ng

RT: 9.32 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

Instrument :

BNA_F

ClientSampleId :

72-11976

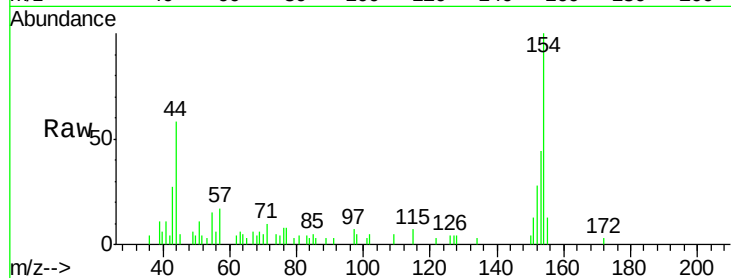
Tgt Ion:154 Resp: 9078

Ion Ratio Lower Upper

154 100

153 43.9 21.4 61.4

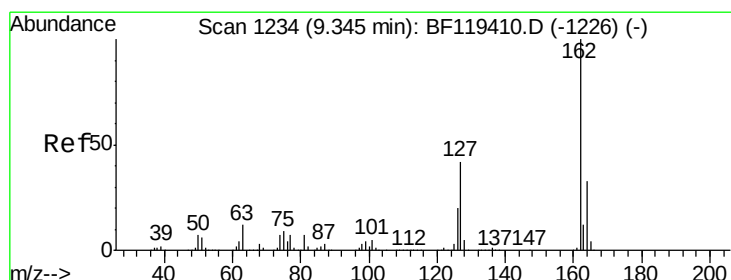
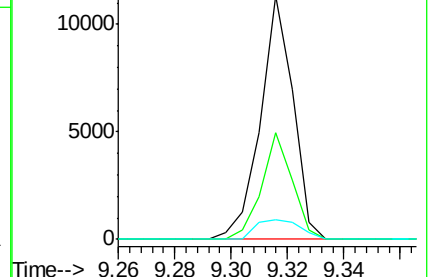
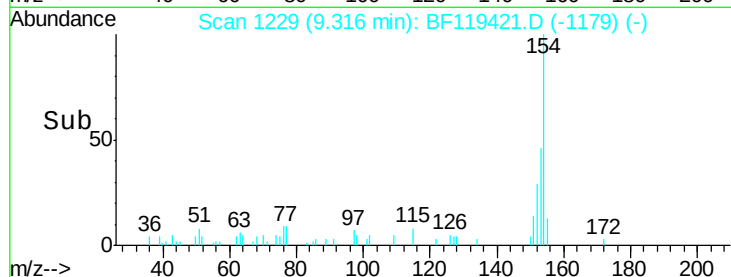
76 8.3 0.0 33.6



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: 0.09 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.26 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

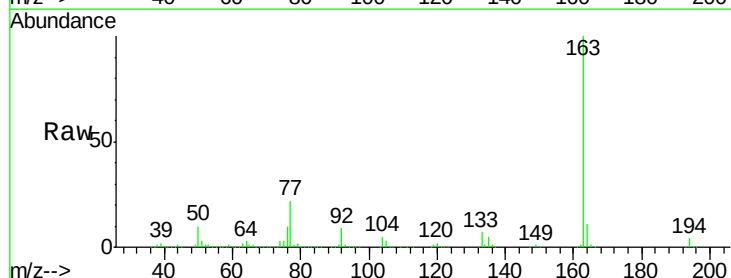
Tgt Ion:162 Resp: 3914

Ion Ratio Lower Upper

162 100

127 0.0 33.7 50.5#

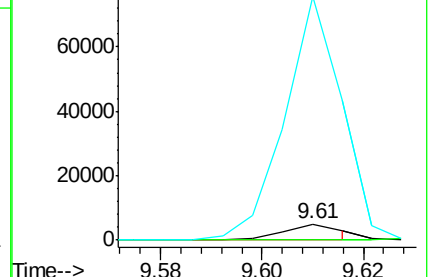
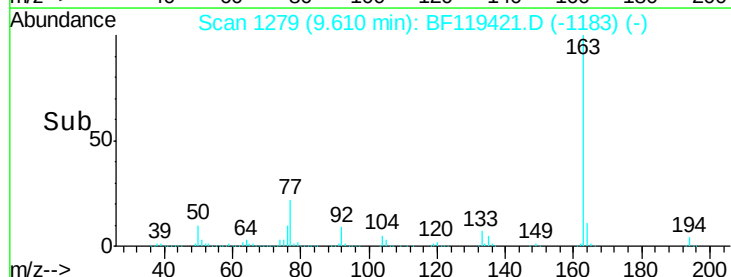
164 1493.5 26.2 39.4#

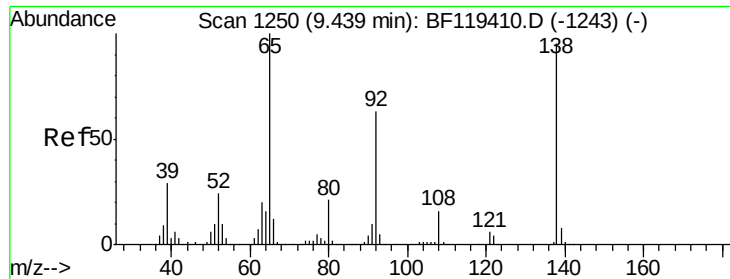


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

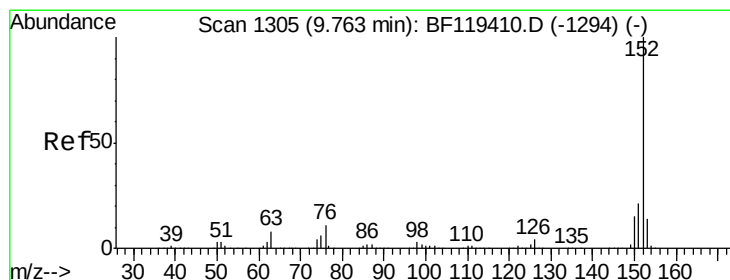
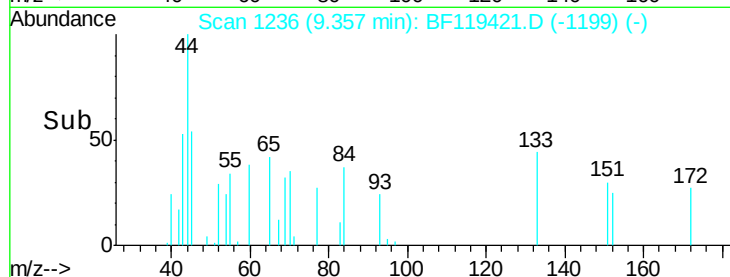
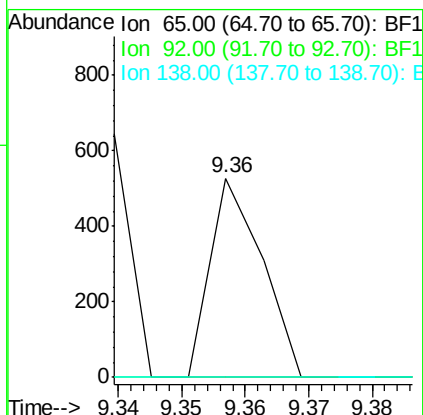
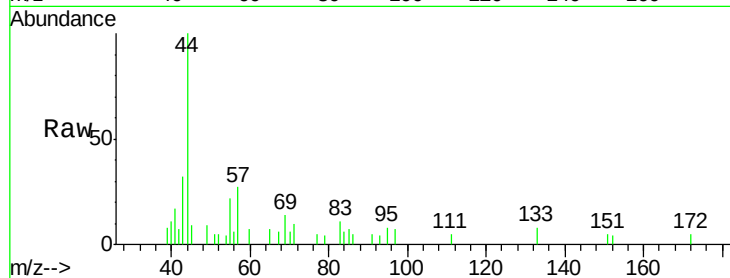




#48
 2-Nitroaniline
 Concen: 0.02 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.08 min
 Lab File: BF119421.D
 Acq: 18 Mar 2020 18:03

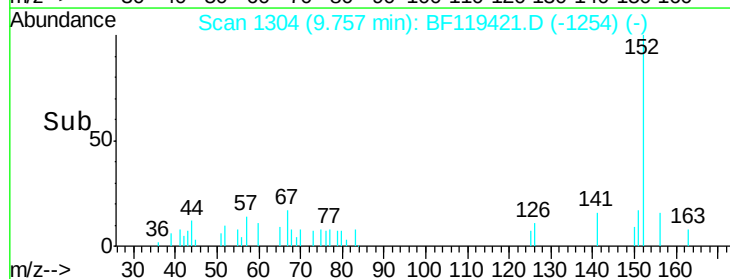
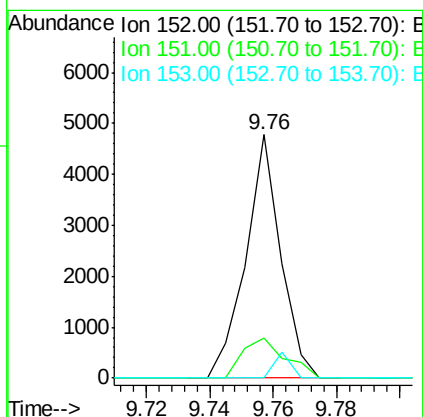
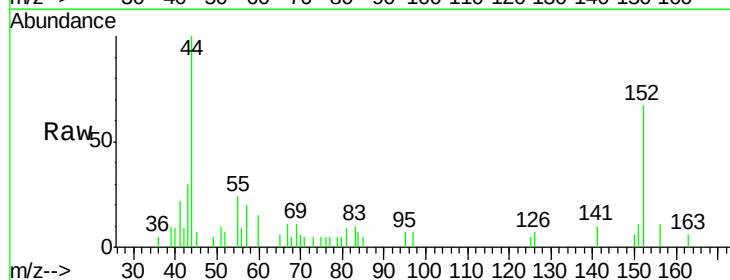
Instrument :
 BNA_F
 ClientSampleId :
 72-11976

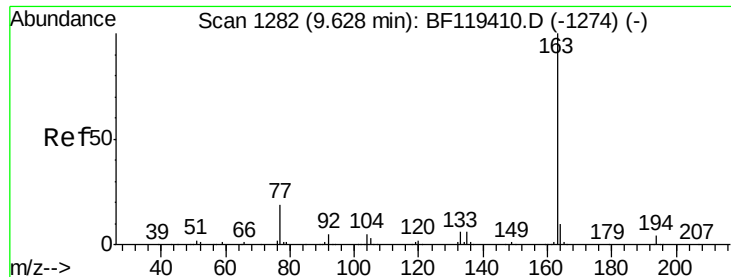
Tgt Ion	Ratio	Lower	Upper
65	100		
92	0.0	50.5	75.7#
138	0.0	75.8	113.8#



#49
 Acenaphthylene
 Concen: 0.05 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF119421.D
 Acq: 18 Mar 2020 18:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	16.6	16.8	25.2#
153	0.0	11.2	16.8#





#50

Dimethylphthalate

Concen: 12.36 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

Instrument :

BNA_F

ClientSampleId :

72-11976

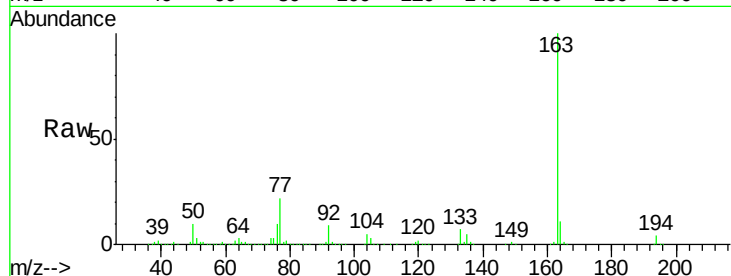
Tgt Ion:163 Resp: 587953

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

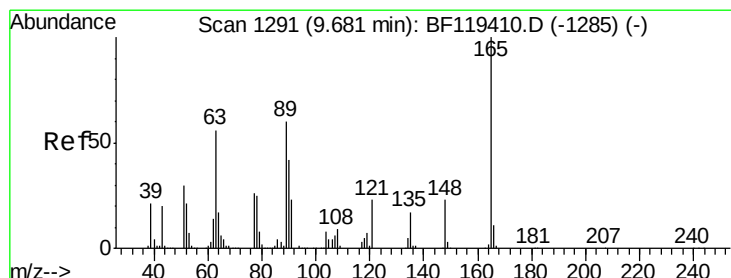
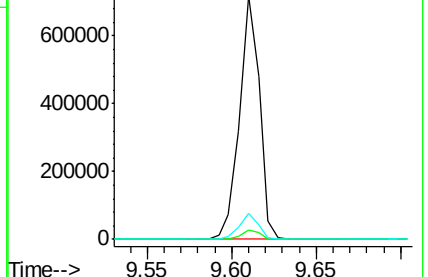
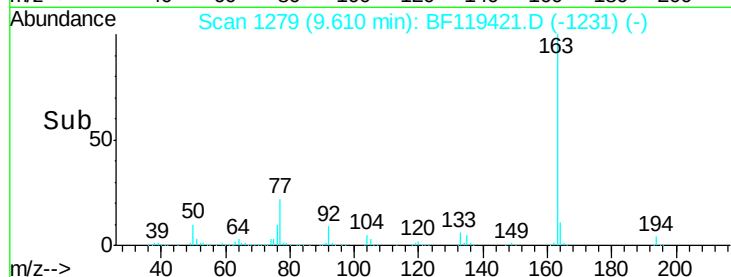
164 10.5 8.1 12.1



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: 0.61 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.07 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

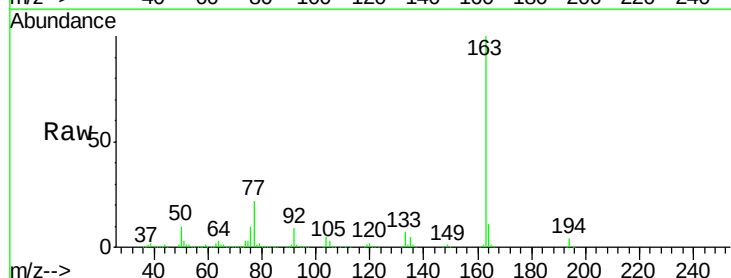
Tgt Ion:165 Resp: 6255

Ion Ratio Lower Upper

165 100

63 175.9 57.3 85.9#

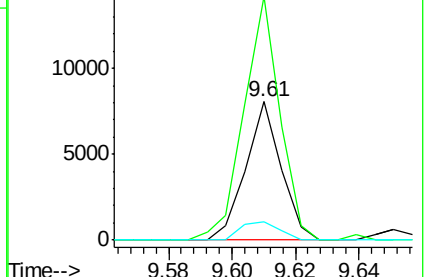
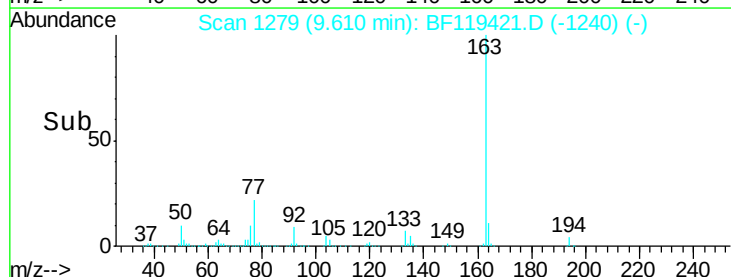
89 12.8 47.8 71.8#

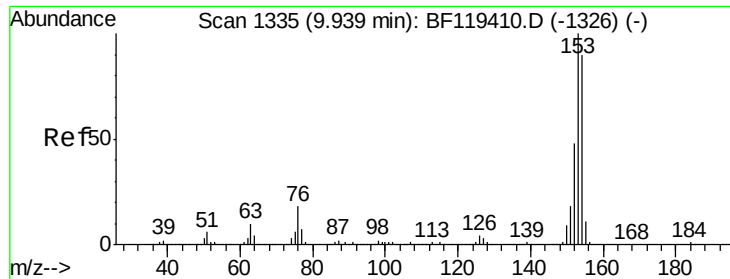


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 0.06 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

Instrument :

BNA_F

ClientSampleId :

72-11976

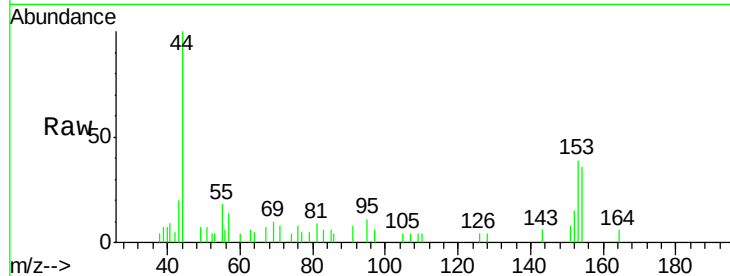
Tgt Ion:154 Resp: 2428

Ion Ratio Lower Upper

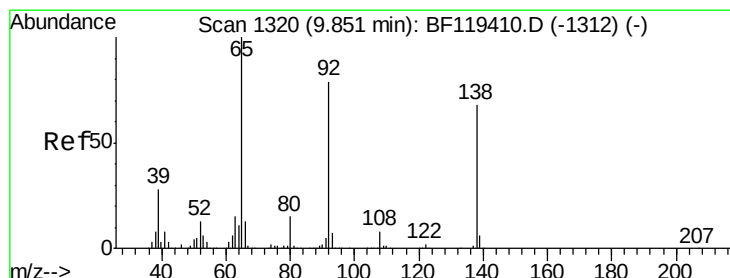
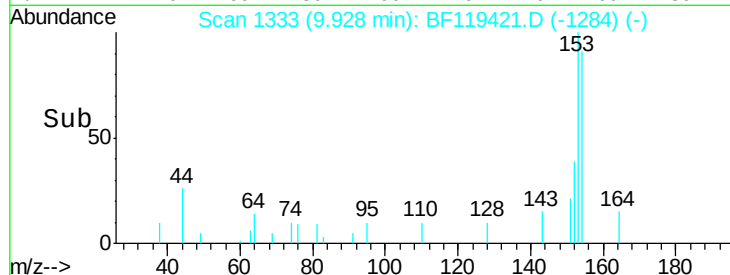
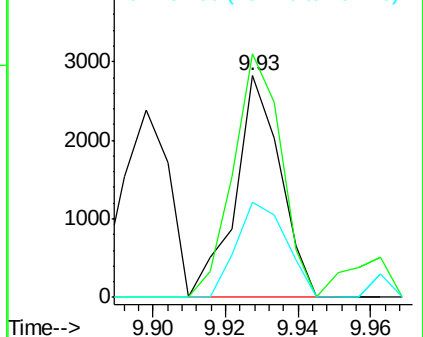
154 100

153 109.8 89.0 133.6

152 42.7 43.1 64.7#



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 0.01 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.04 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

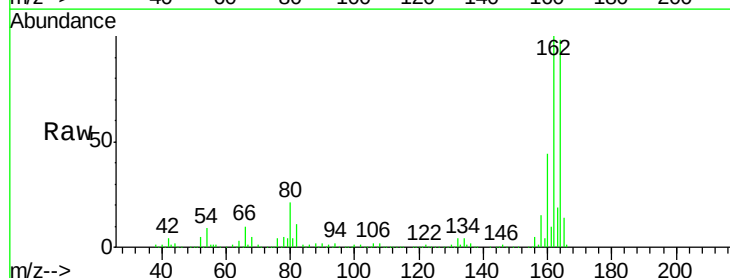
Tgt Ion:138 Resp: 177

Ion Ratio Lower Upper

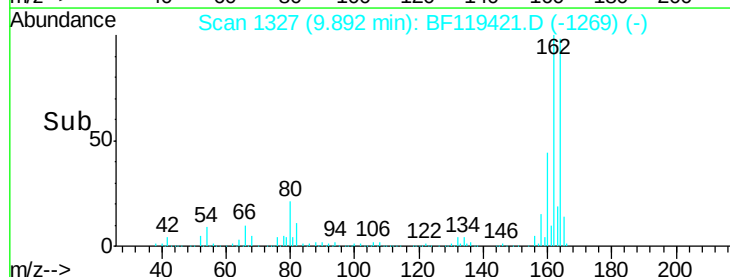
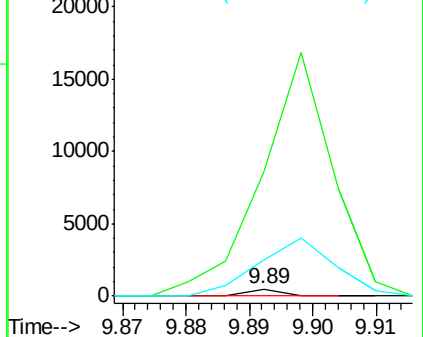
138 100

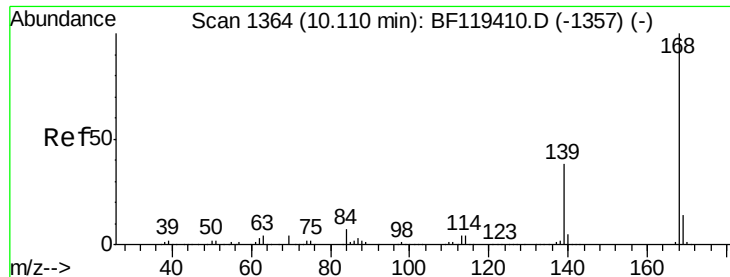
108 1723.4 9.0 13.6#

92 506.2 93.2 139.8#



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





#55

Dibenzofuran

Concen: 0.05 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

Instrument :

BNA_F

ClientSampleId :

72-11976

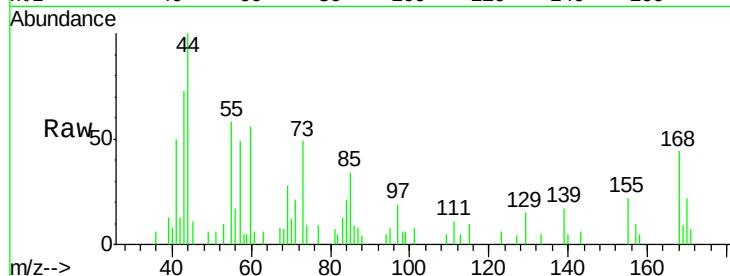
Tgt Ion:168 Resp: 3041

Ion Ratio Lower Upper

168 100

139 39.1 30.2 45.4

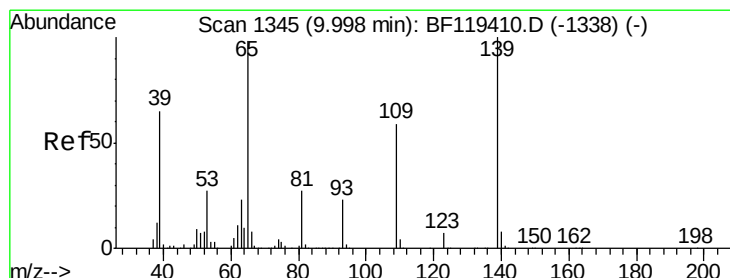
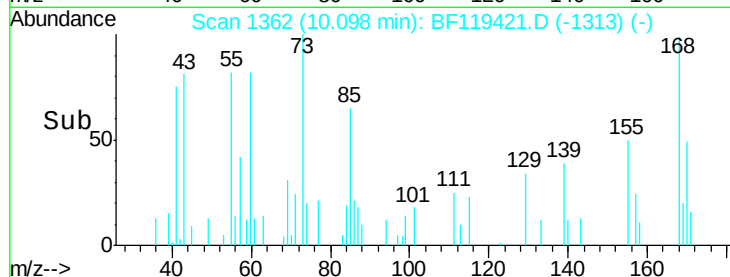
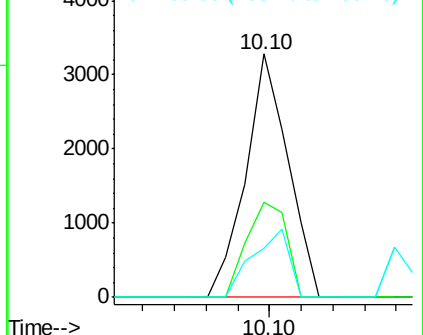
169 20.2 11.1 16.7#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 0.01 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.02 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

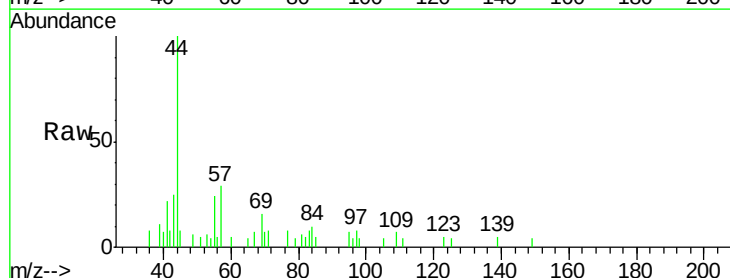
Tgt Ion:139 Resp: 148

Ion Ratio Lower Upper

139 100

109 127.4 39.6 79.6#

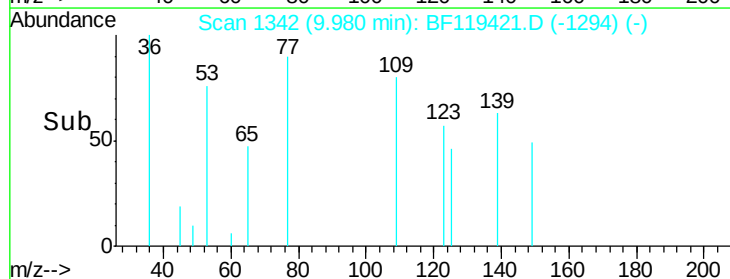
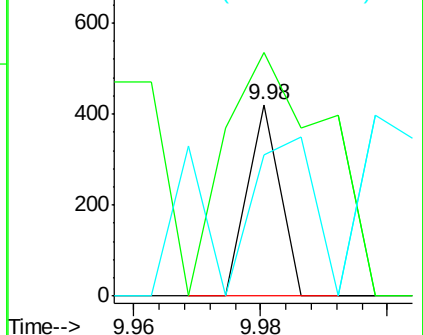
65 74.0 78.3 118.3#

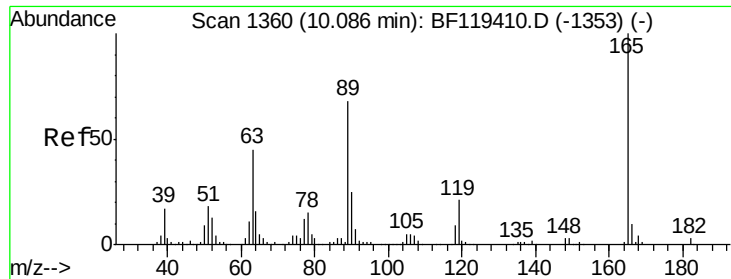


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 6.78 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.19 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

Instrument :

BNA_F

ClientSampleId :

72-11976

Tgt Ion:165 Resp: 87101

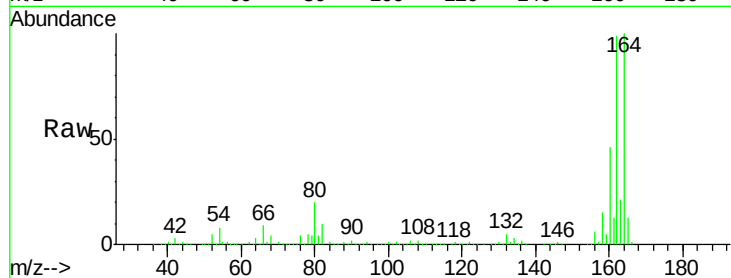
Ion Ratio Lower Upper

165 100

63 1.1 36.2 54.4#

89 1.2 54.3 81.5#

182 0.0 2.0 3.0#

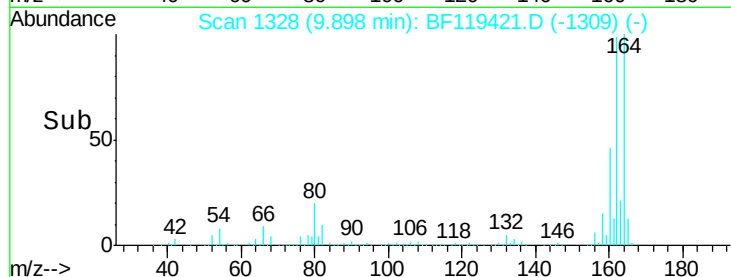


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

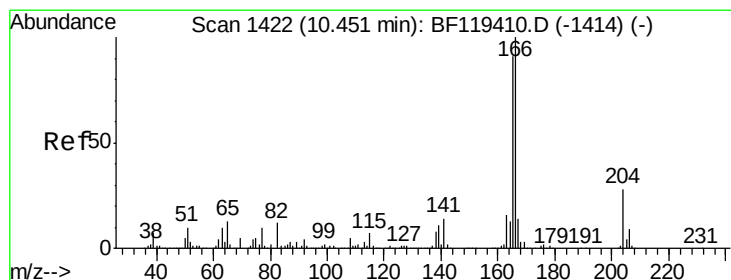
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



Time-->

9.90



#58

Fluorene

Concen: 0.09 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

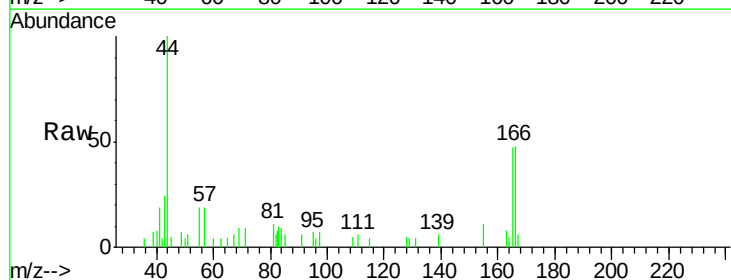
Tgt Ion:166 Resp: 3966

Ion Ratio Lower Upper

166 100

165 97.8 73.1 109.7

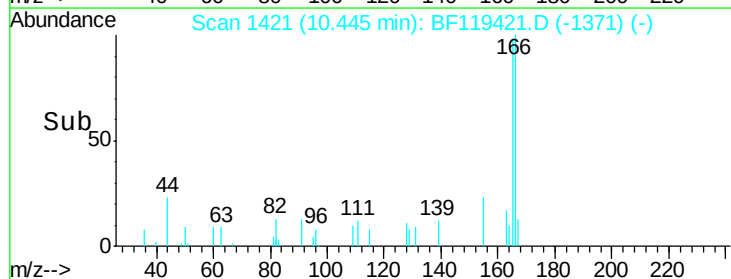
167 12.6 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

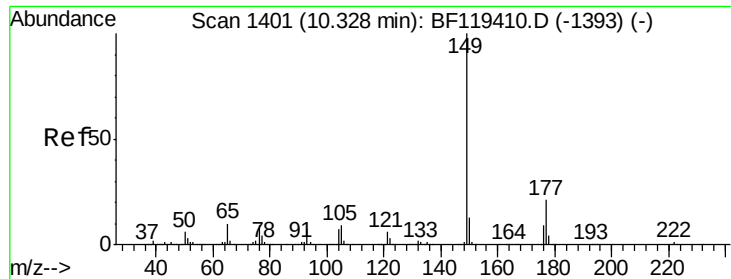
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->

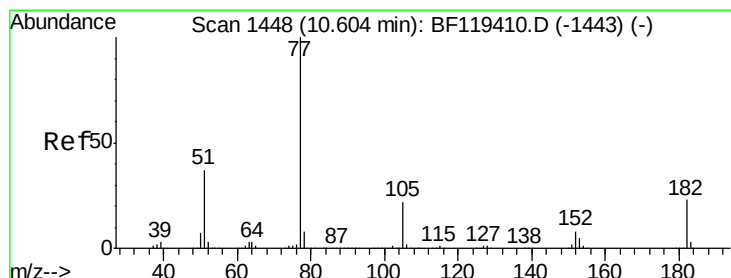
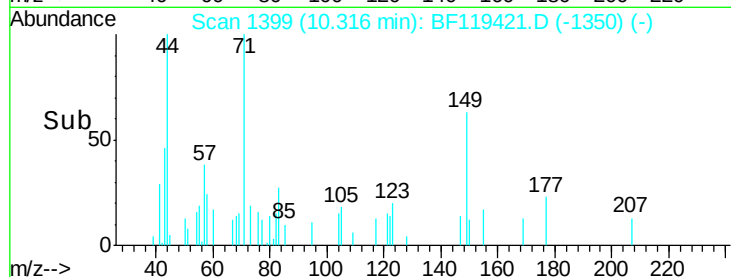
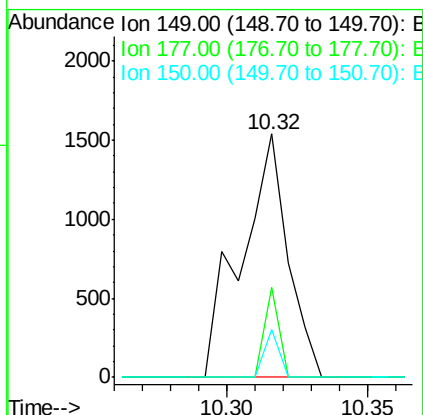
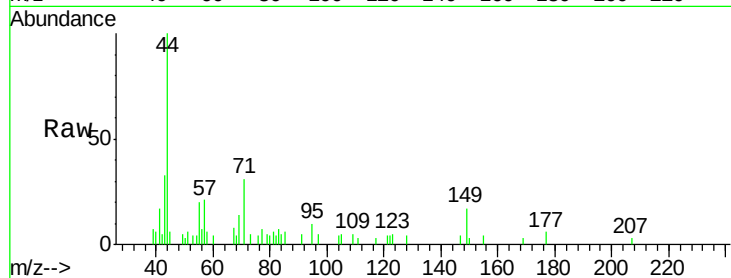
10.45



#60
Diethylphthalate
Concen: 0.04 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

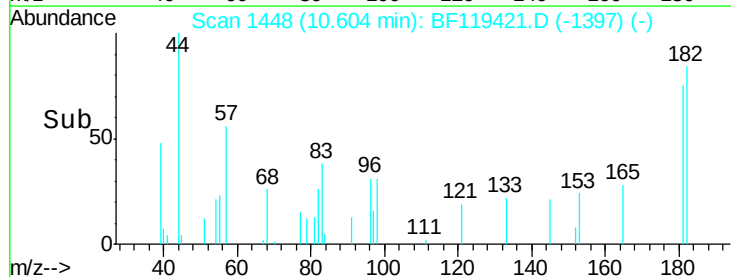
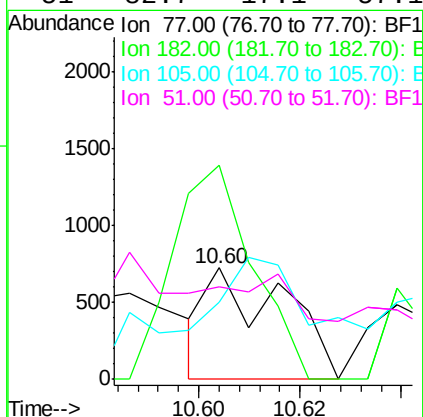
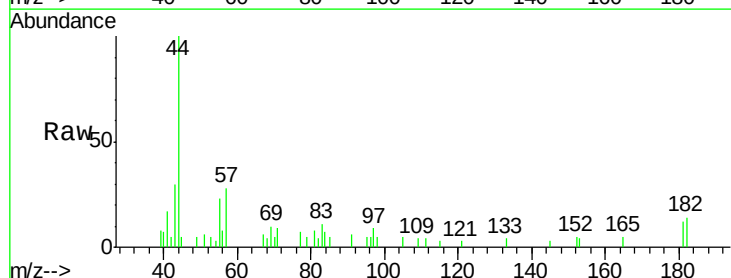
Instrument :
BNA_F
ClientSampled :
72-11976

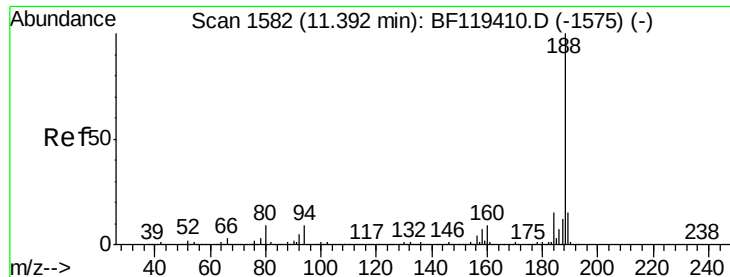
Tgt Ion: 149 Resp: 1757
Ion Ratio Lower Upper
149 100
177 36.9 17.0 25.6#
150 19.7 10.2 15.4#



#63
Azobenzene
Concen: 0.02 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion: 77 Resp: 750
Ion Ratio Lower Upper
77 100
182 192.1 2.5 42.5#
105 68.9 2.5 42.5#
51 82.7 17.1 57.1#

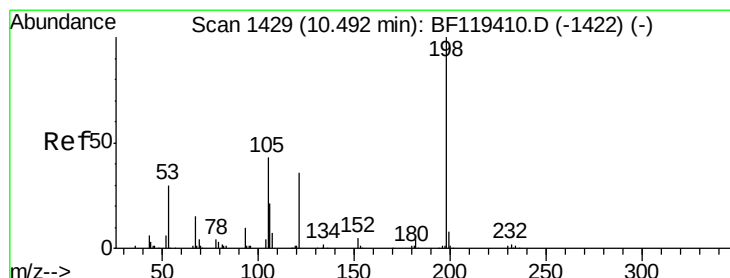
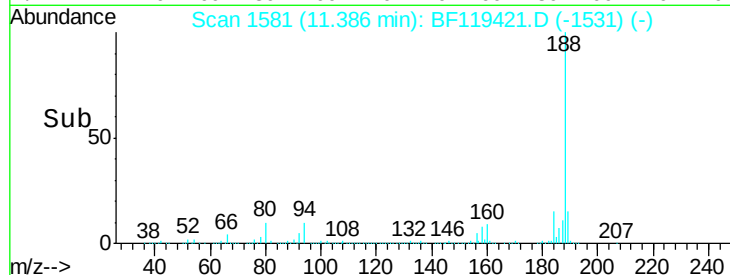
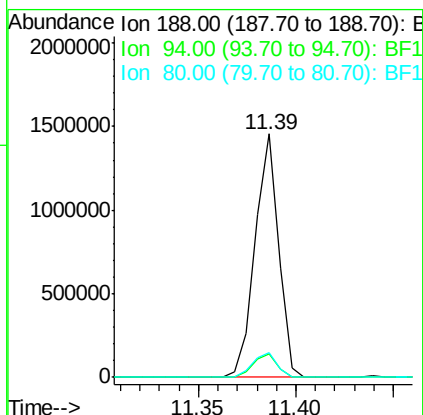
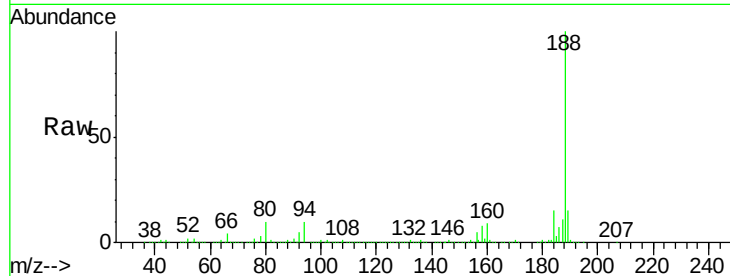




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

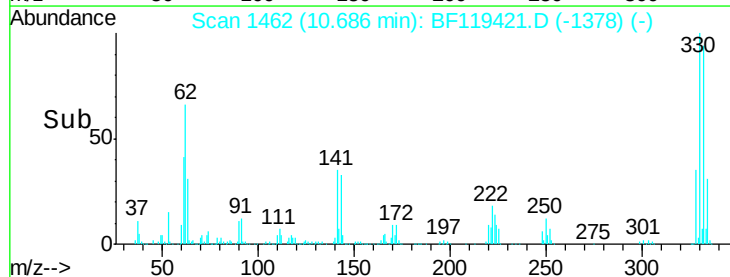
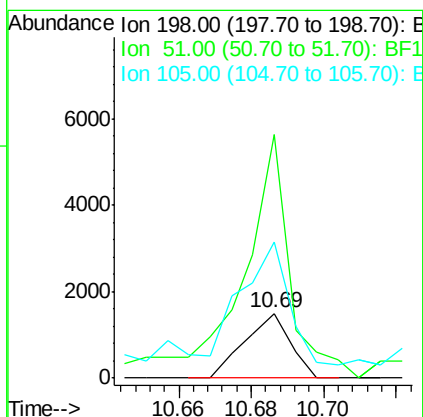
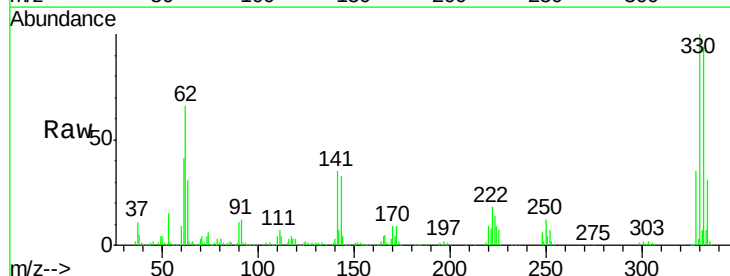
Instrument :
BNA_F
ClientSampleId :
72-11976

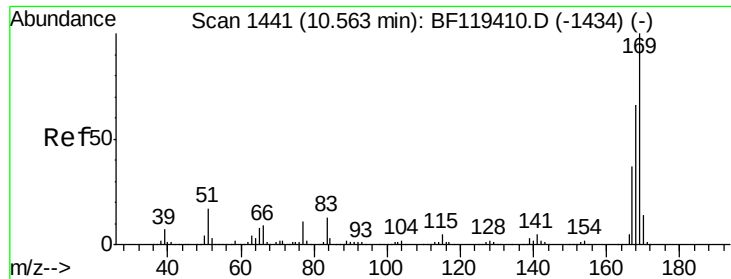
Tgt Ion:188 Resp: 1216757
Ion Ratio Lower Upper
188 100
94 9.6 7.1 10.7
80 10.2 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 0.26 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.19 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion:198 Resp: 1303
Ion Ratio Lower Upper
198 100
51 375.2 33.1 73.1#
105 210.1 24.1 64.1#





#66

n-Nitrosodiphenylamine

Concen: 0.03 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

Instrument :

BNA_F

ClientSampleId :

72-11976

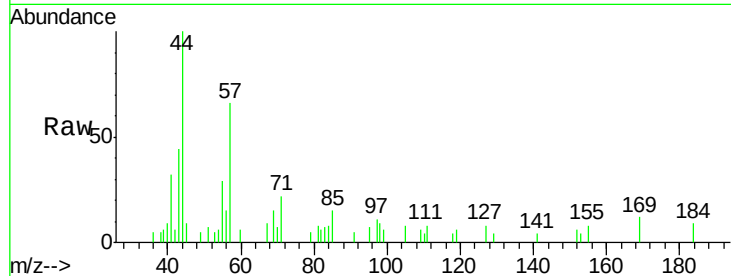
Tgt Ion:169 Resp: 1228

Ion Ratio Lower Upper

169 100

168 0.0 52.7 79.1#

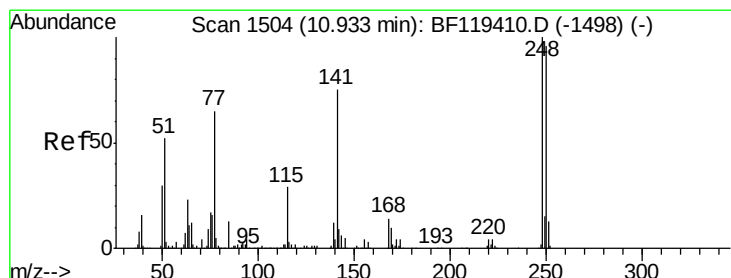
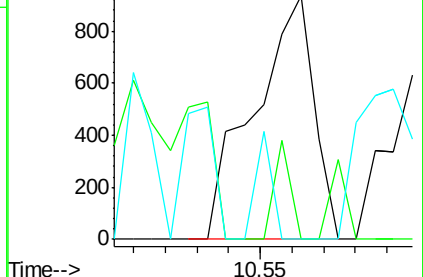
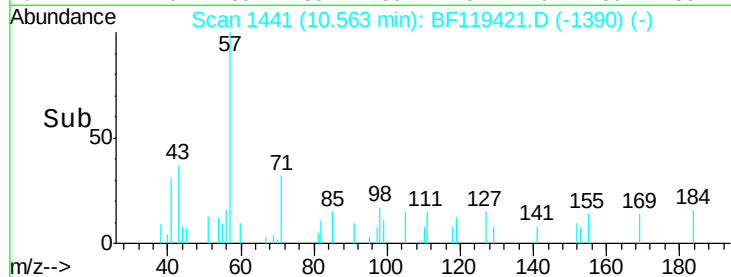
167 0.0 29.3 43.9#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#67

4-Bromophenyl-phenylether

Concen: 3.07 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.25 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

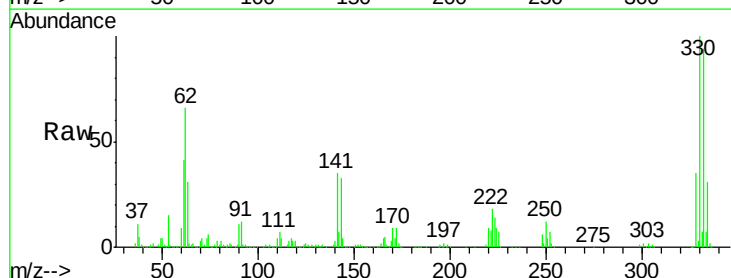
Tgt Ion:248 Resp: 42543

Ion Ratio Lower Upper

248 100

250 189.0 77.0 115.6#

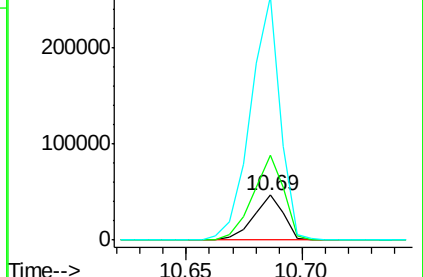
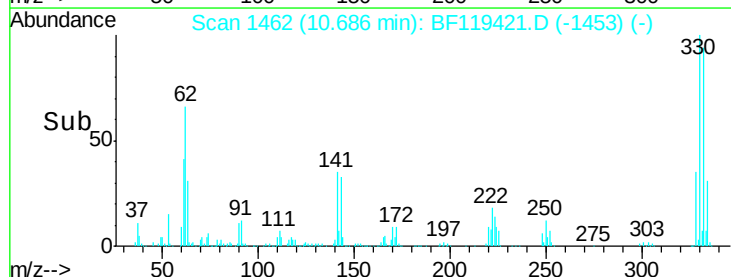
141 543.5 59.7 89.5#

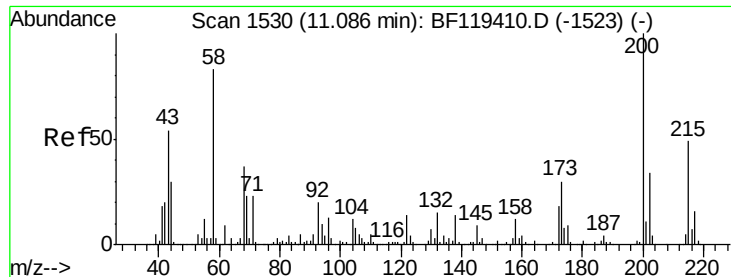


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

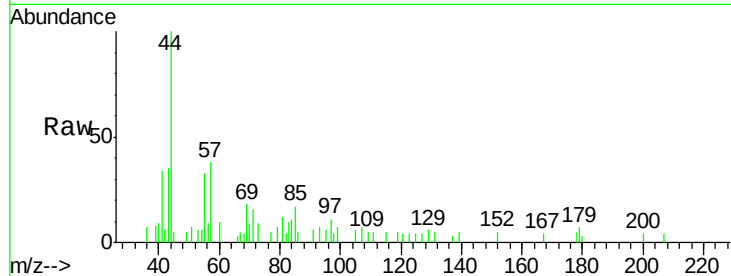




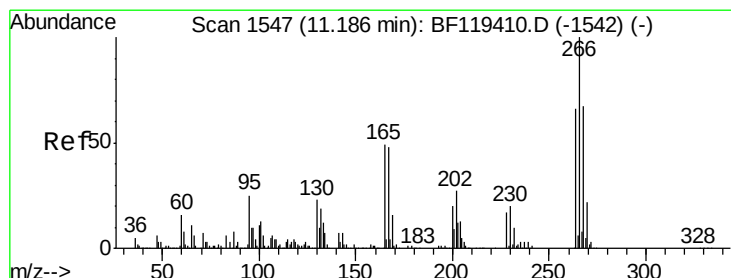
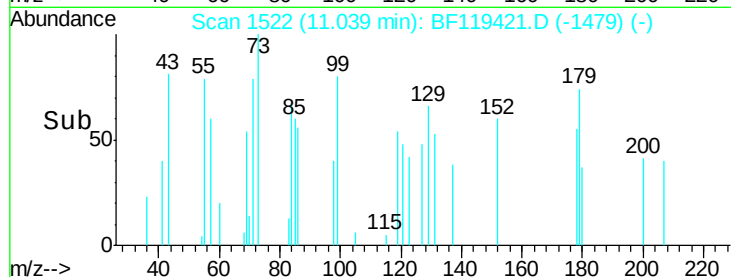
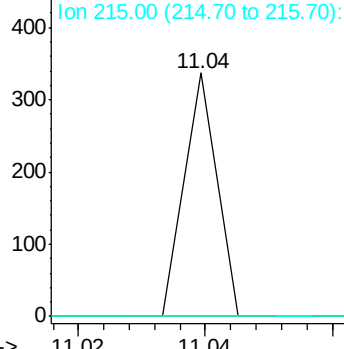
#69
 Atrazine
 Concen: 0.01 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.05 min
 Lab File: BF119421.D
 Acq: 18 Mar 2020 18:03

Instrument :
 BNA_F
 ClientSampleId :
 72-11976

Tgt Ion	Ratio	Lower	Upper
200	100		
173	0.0	9.9	49.9#
215	0.0	29.4	69.4#

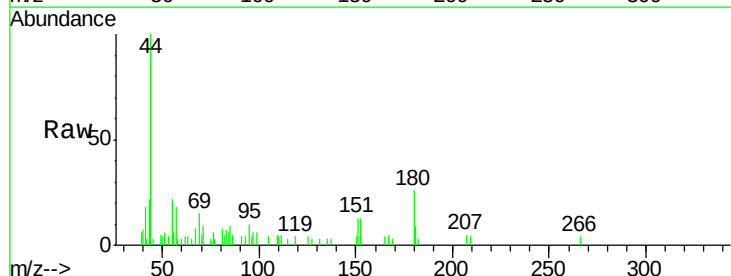


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

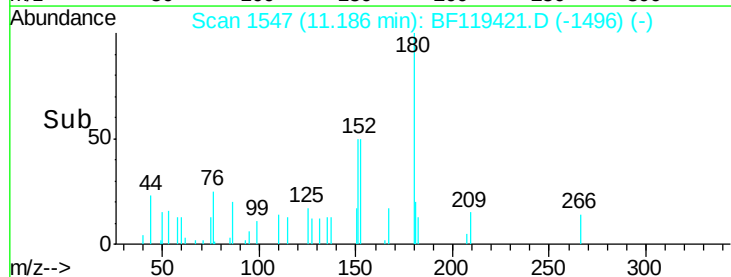
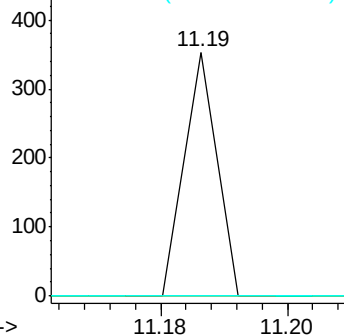


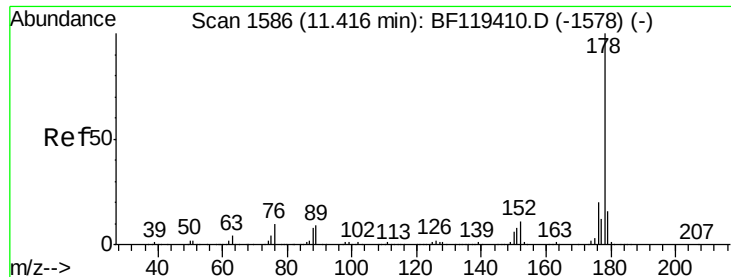
#70
 Pentachlorophenol
 Concen: 0.02 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.00 min
 Lab File: BF119421.D
 Acq: 18 Mar 2020 18:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	0.0	53.7	80.5#
264	0.0	52.5	78.7#



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 0.70 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

Instrument :

BNA_F

ClientSampleId :

72-11976

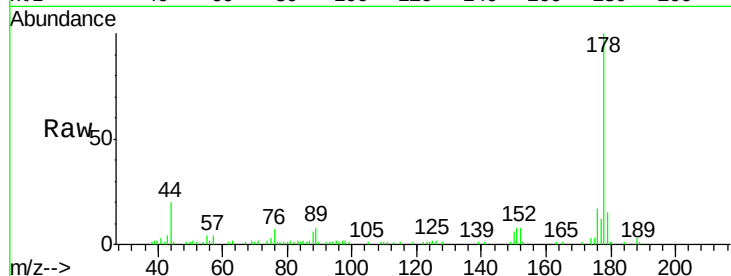
Tgt Ion:178 Resp: 44431

Ion Ratio Lower Upper

178 100

176 17.5 16.2 24.4

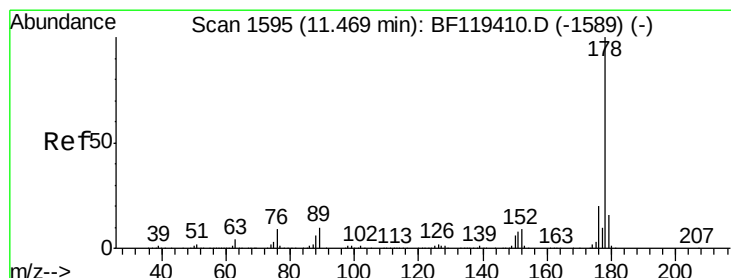
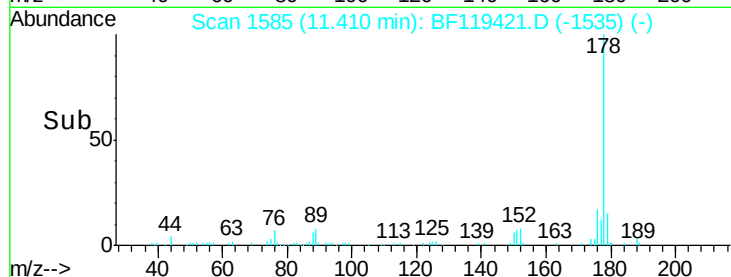
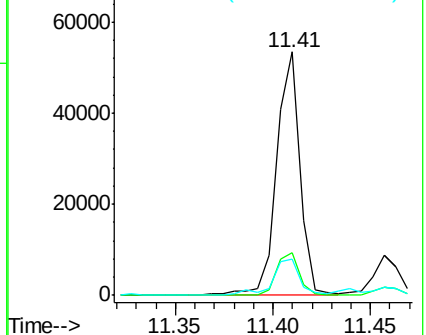
179 15.0 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 0.69 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.06 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

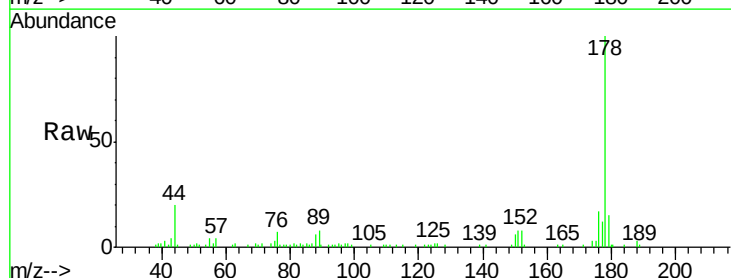
Tgt Ion:178 Resp: 44431

Ion Ratio Lower Upper

178 100

176 17.5 15.6 23.4

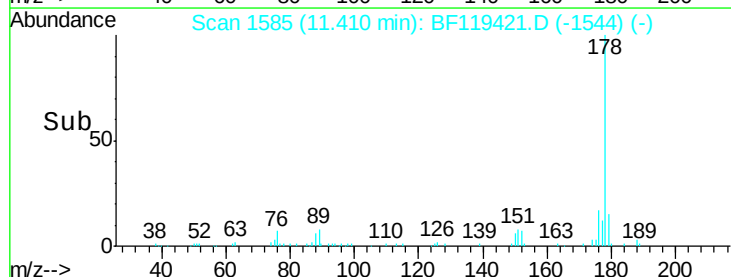
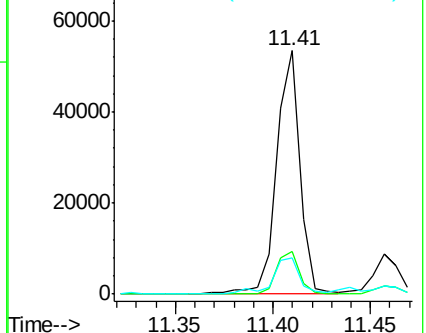
179 15.0 13.1 19.7

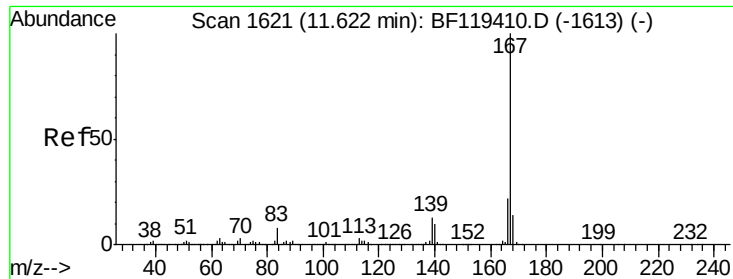


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

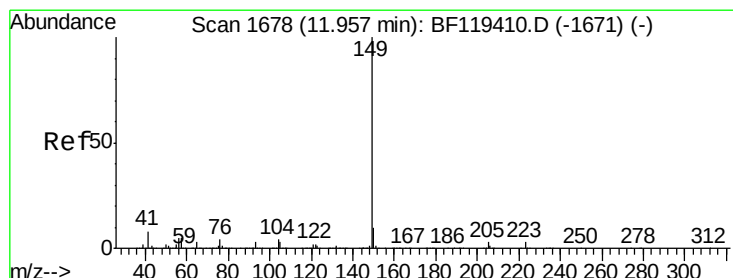
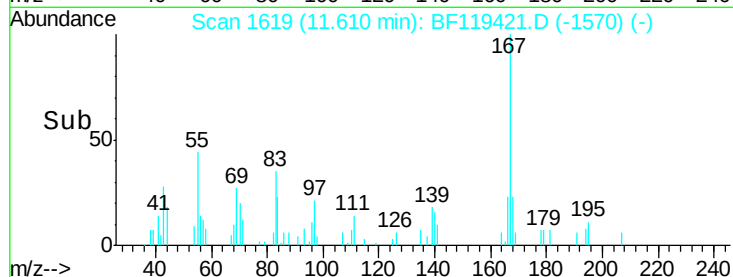
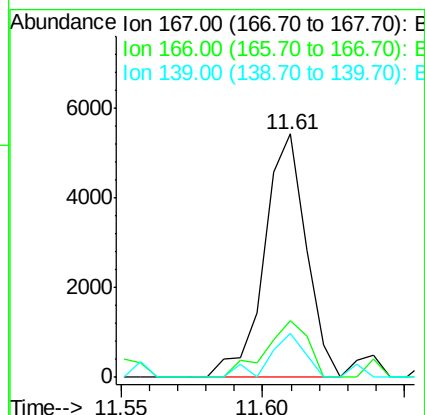
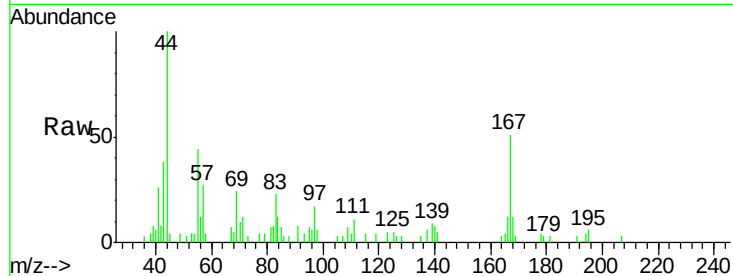




#73
 Carbazole
 Concen: 0.09 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF119421.D
 Acq: 18 Mar 2020 18:03

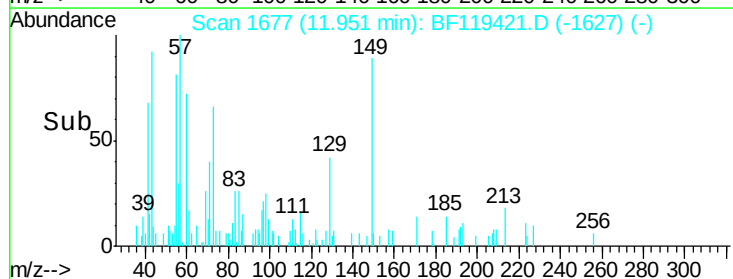
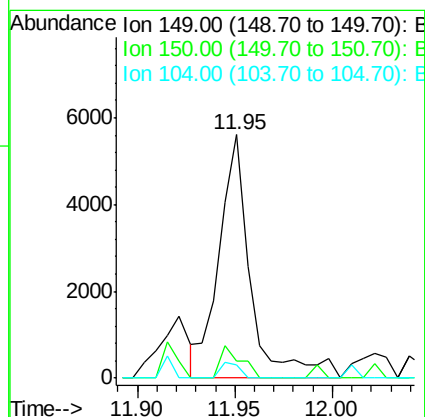
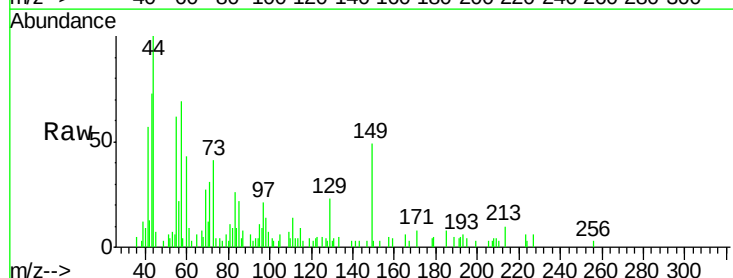
Instrument :
 BNA_F
 ClientSampleId :
 72-11976

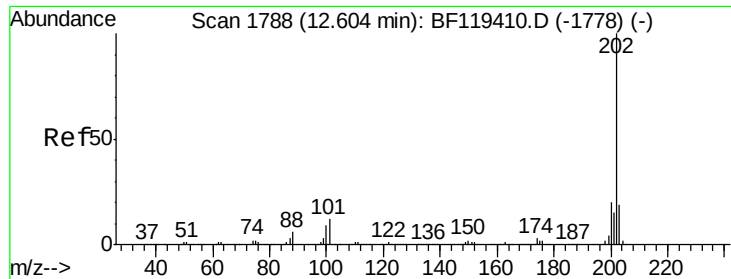
Tgt Ion:167 Resp: 5609
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.8 26.6
 139 18.2 10.2 15.4#



#74
 Di-n-butylphthalate
 Concen: 0.09 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BF119421.D
 Acq: 18 Mar 2020 18:03

Tgt Ion:149 Resp: 6292
 Ion Ratio Lower Upper
 149 100
 150 7.0 7.6 11.4#
 104 5.6 3.5 5.3#





#75

Fluoranthene

Concen: 1.13 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

Instrument :

BNA_F

ClientSampled :

72-11976

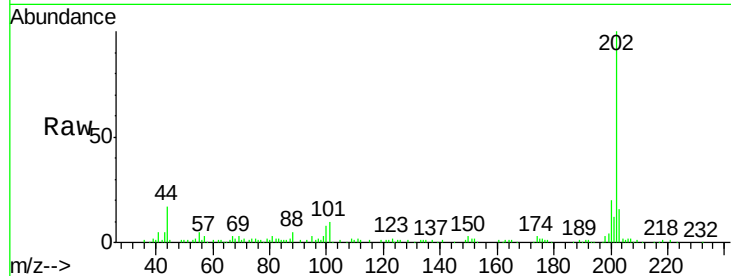
Tgt Ion:202 Resp: 77330

Ion Ratio Lower Upper

202 100

101 10.4 0.0 32.4

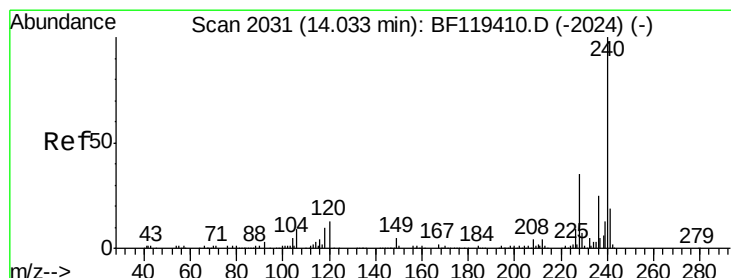
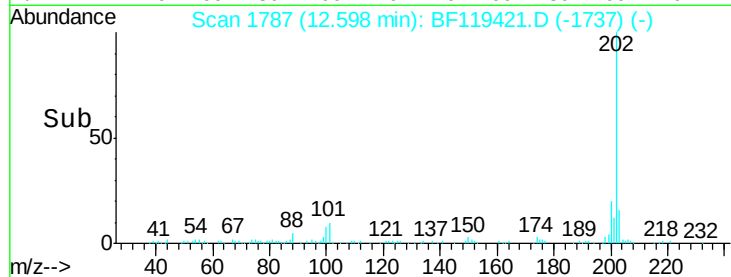
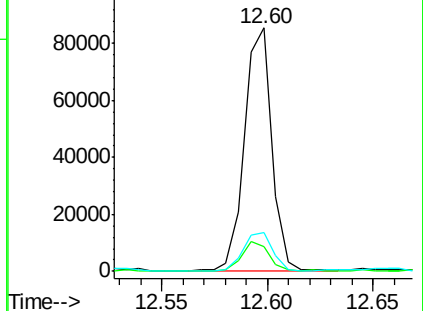
203 16.2 0.0 38.5



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: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

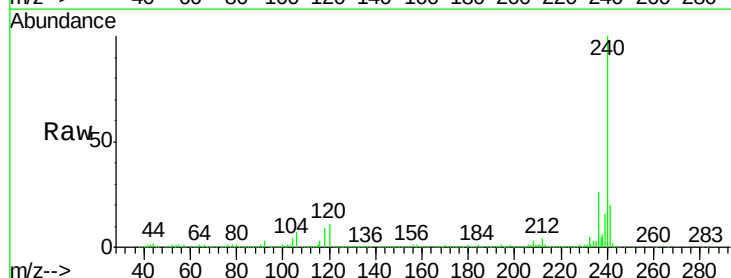
Tgt Ion:240 Resp: 721733

Ion Ratio Lower Upper

240 100

120 10.8 10.2 15.4

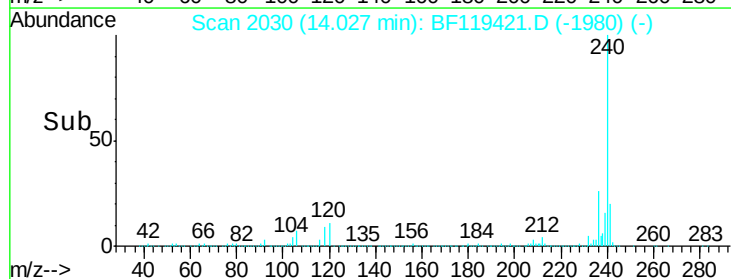
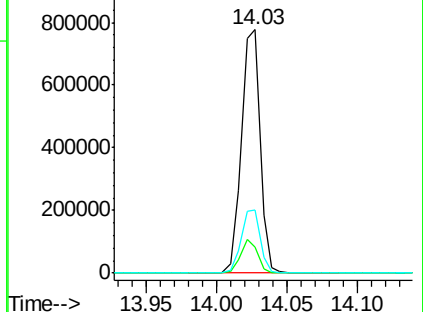
236 25.8 20.4 30.6

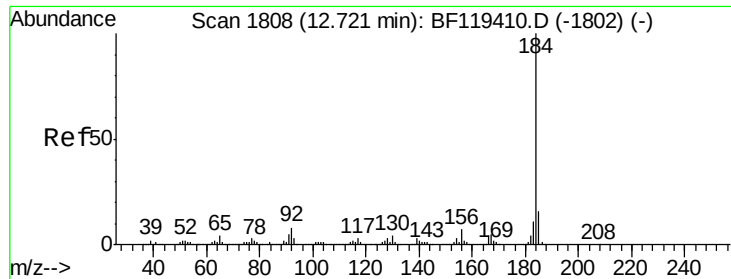


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.11 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.25 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

Instrument :

BNA_F

ClientSampleId :

72-11976

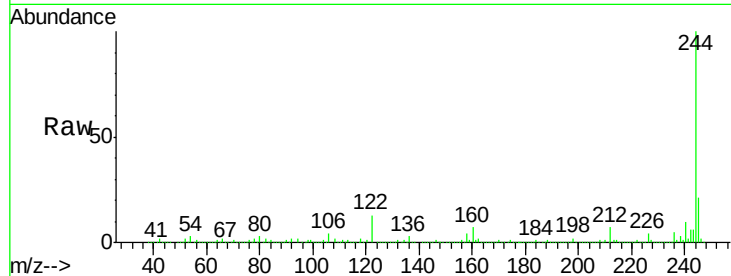
Tgt Ion:184 Resp: 33859

Ion Ratio Lower Upper

184 100

185 16.1 12.9 19.3

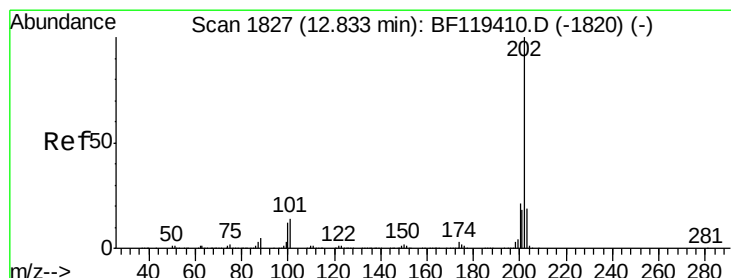
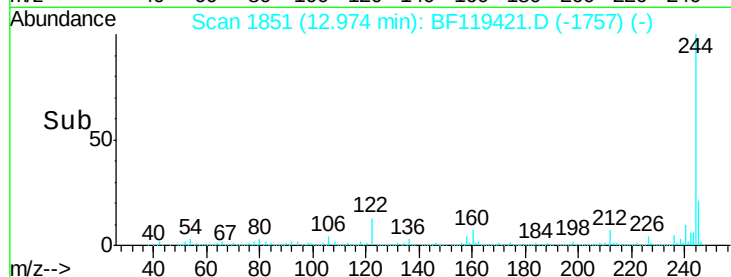
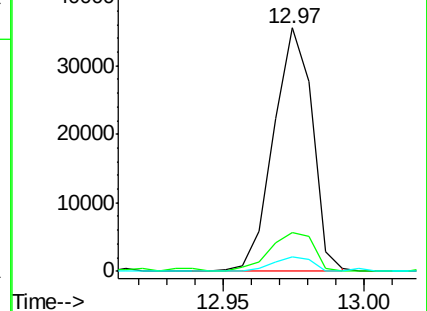
183 6.2 9.0 13.4#



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: 1.40 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

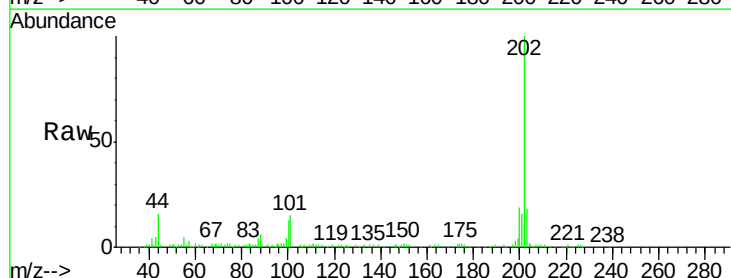
Tgt Ion:202 Resp: 83118

Ion Ratio Lower Upper

202 100

200 18.8 16.8 25.2

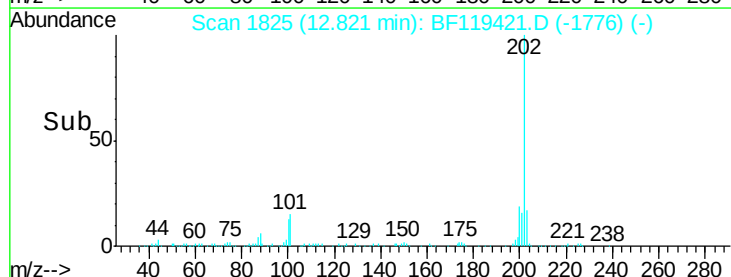
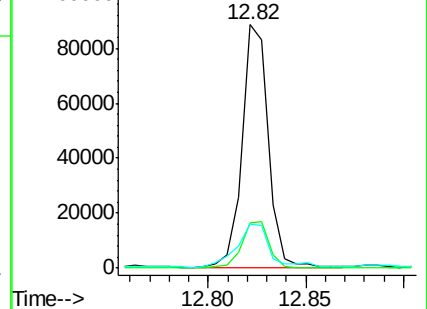
203 18.1 14.8 22.2

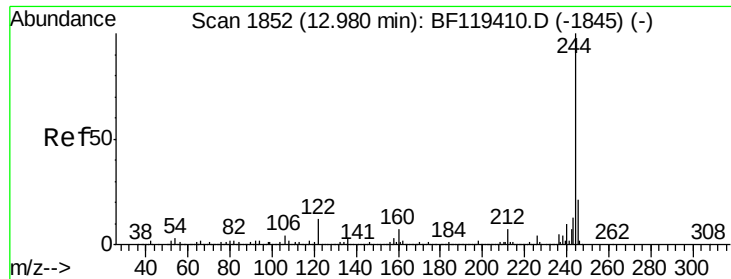


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.86 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

Instrument :

BNA_F

ClientSampleId :

72-11976

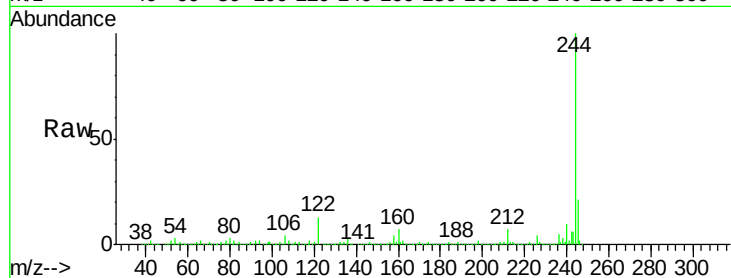
Tgt Ion:244 Resp: 2684155

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

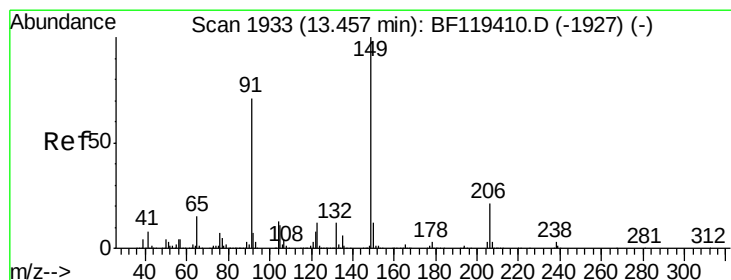
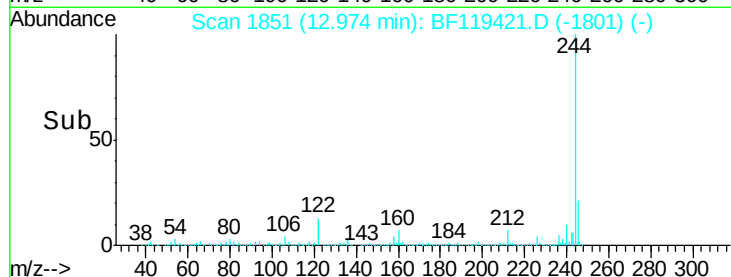
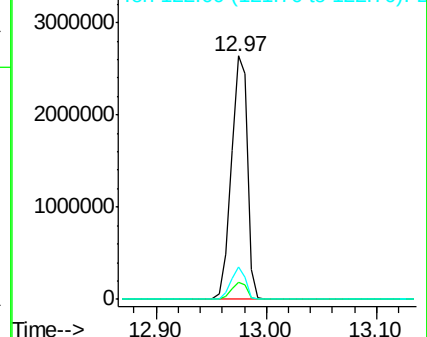
122 13.2 9.8 14.8



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: 0.04 ng

RT: 13.44 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

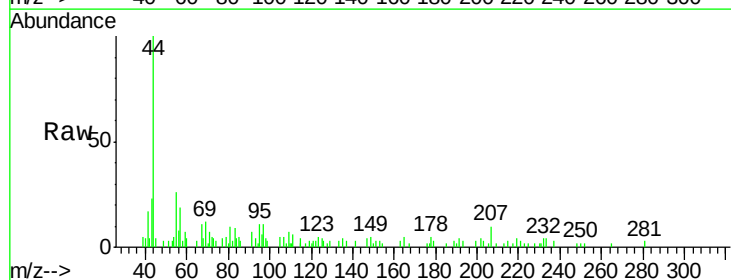
Tgt Ion:149 Resp: 962

Ion Ratio Lower Upper

149 100

91 143.4 57.0 85.6#

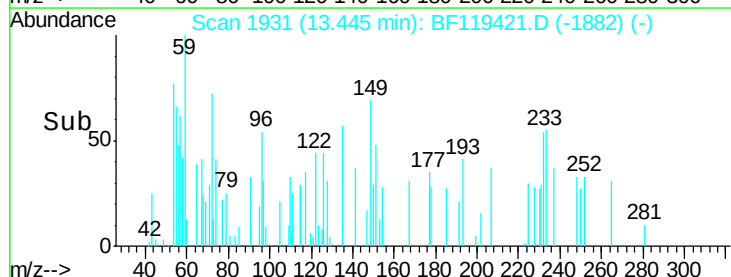
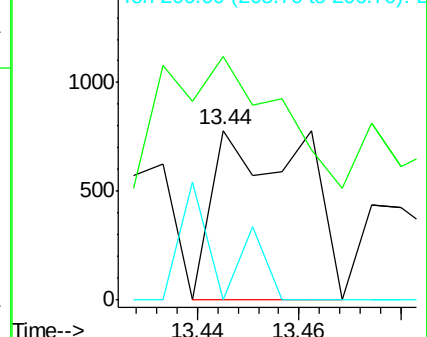
206 0.0 16.4 24.6#

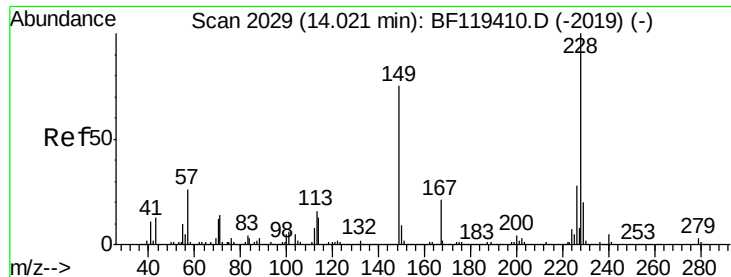


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

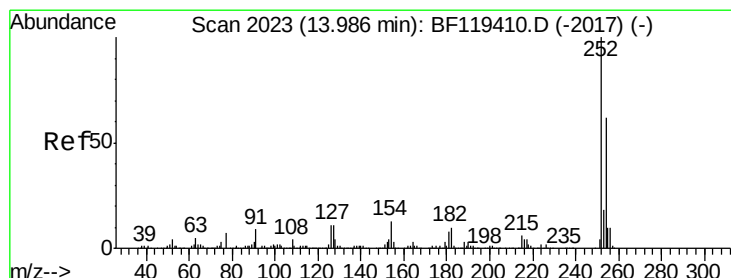
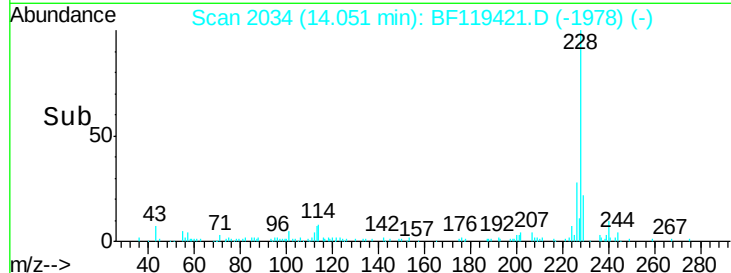
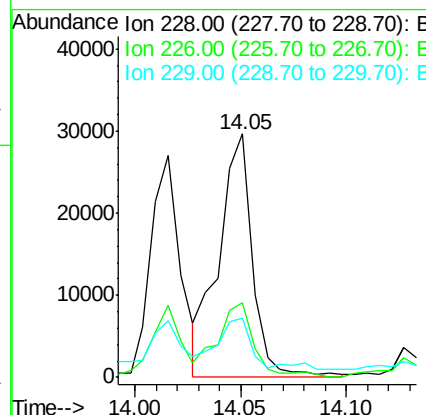
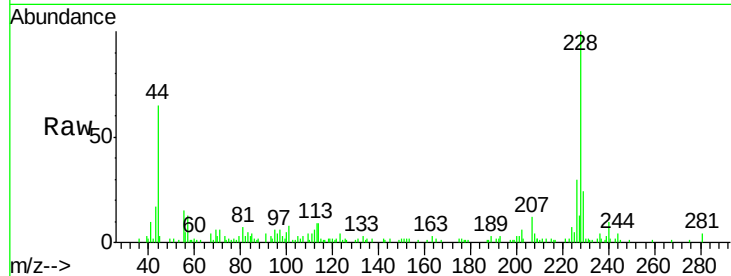




#81
Benzo(a)anthracene
Concen: 0.70 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.03 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

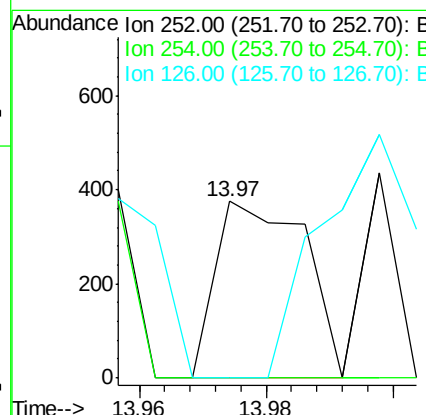
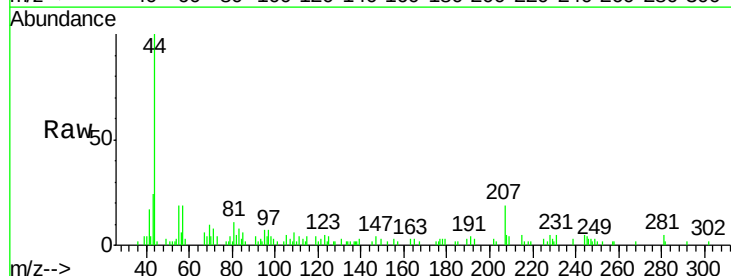
Instrument :
BNA_F
ClientSampleId :
72-11976

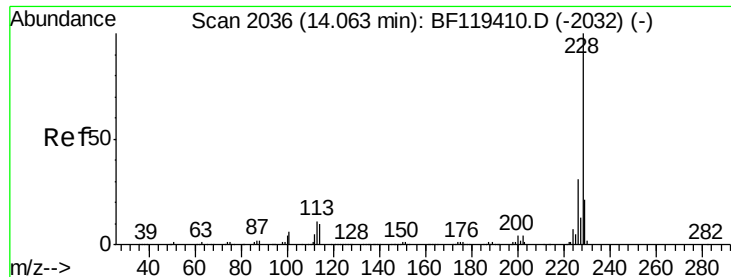
Tgt Ion: 228 Resp: 32996
Ion Ratio Lower Upper
228 100
226 30.5 22.3 33.5
229 24.4 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 0.02 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion: 252 Resp: 364
Ion Ratio Lower Upper
252 100
254 0.0 49.8 74.8#
126 0.0 8.9 13.3#





#83

Chrysene

Concen: 0.68 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

Instrument :

BNA_F

ClientSampleId :

72-11976

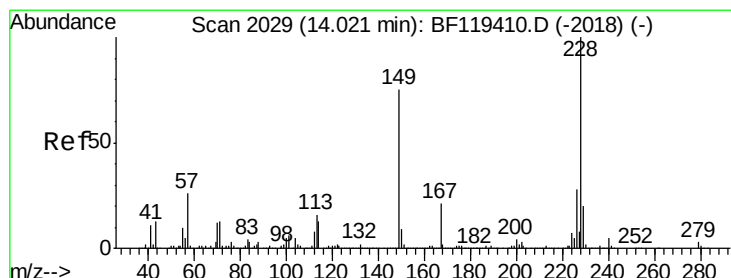
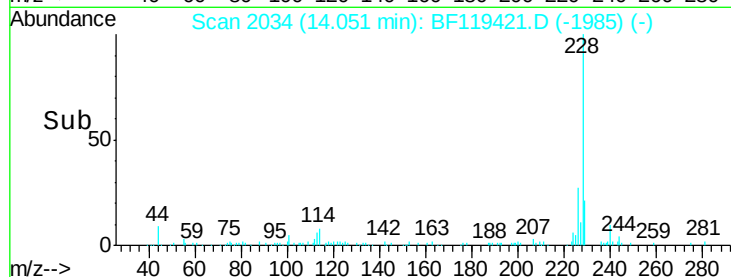
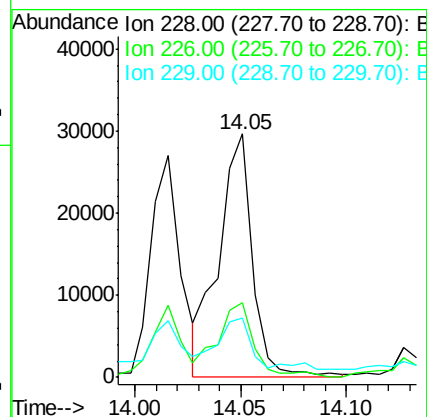
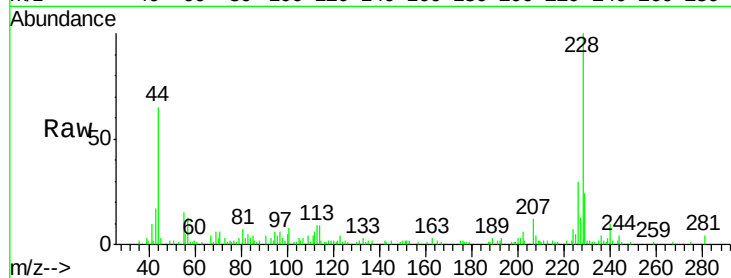
Tgt Ion:228 Resp: 32996

Ion Ratio Lower Upper

228 100

226 30.5 24.8 37.2

229 24.4 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.57 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

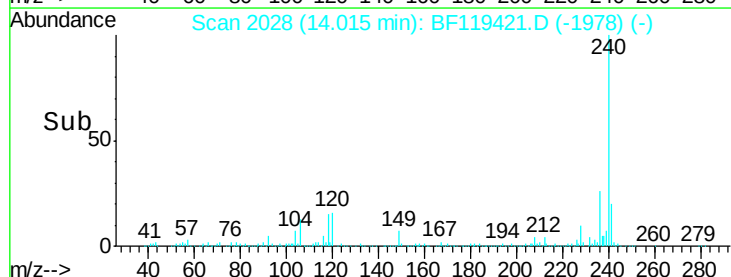
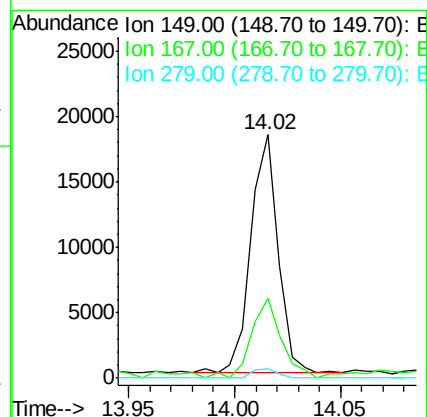
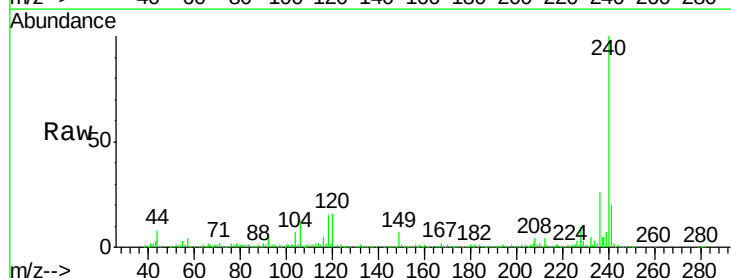
Tgt Ion:149 Resp: 16410

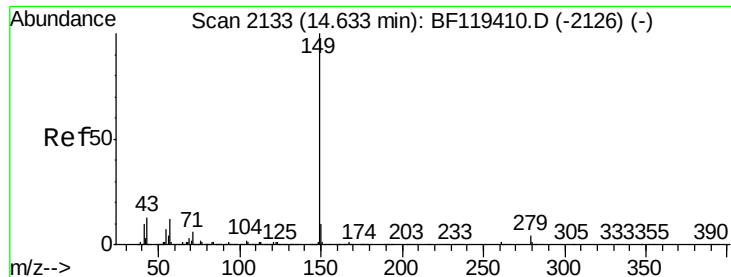
Ion Ratio Lower Upper

149 100

167 32.9 22.0 33.0

279 4.1 3.2 4.8

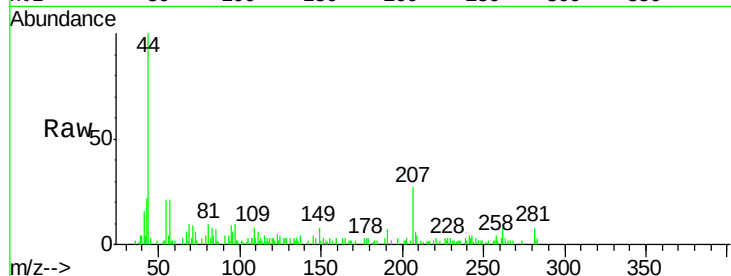




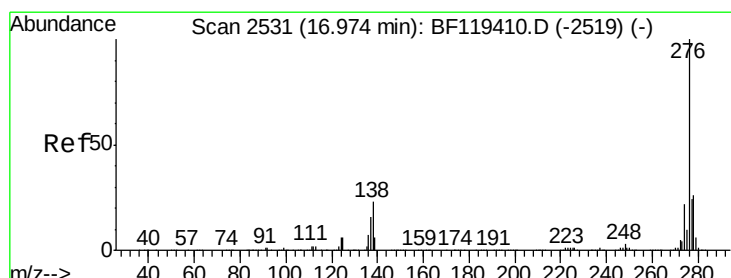
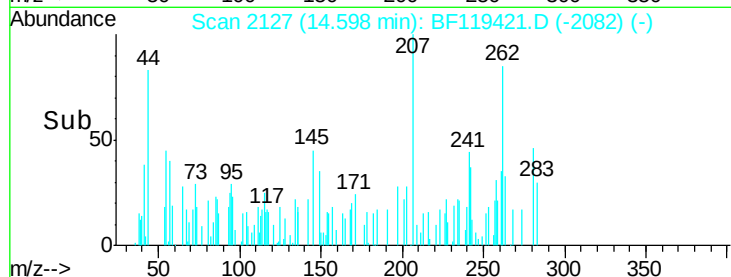
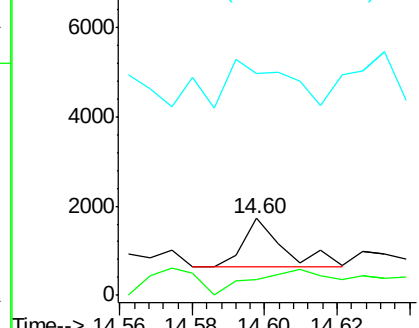
#85
Di-n-octyl phthalate
Concen: 0.02 ng
RT: 14.60 min Scan# 2127
Delta R.T. -0.04 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion:149 Resp: 817
Ion Ratio Lower Upper
149 100
167 107.8 1.1 1.7#
43 0.0 10.1 15.1#

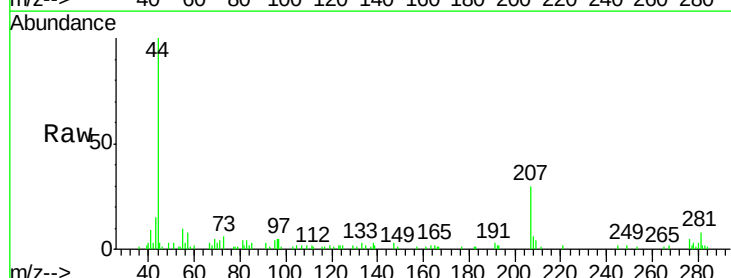


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

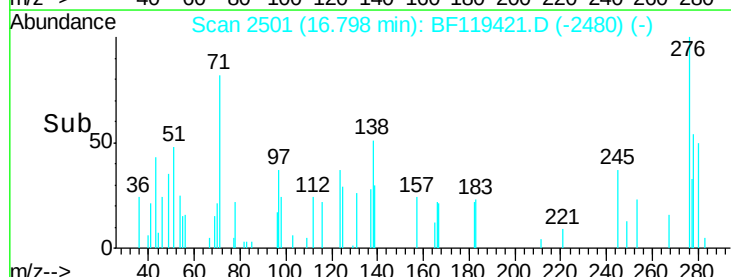
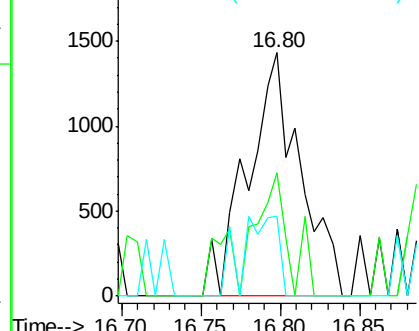


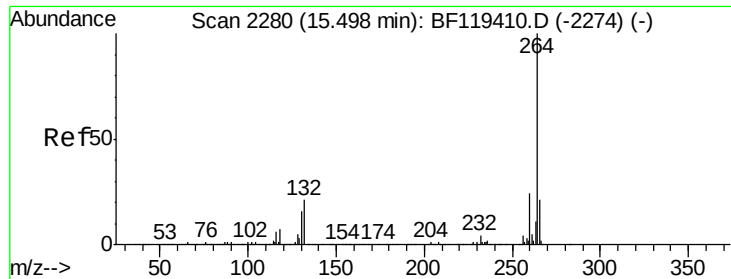
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.07 ng
RT: 16.80 min Scan# 2501
Delta R.T. -0.18 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion:276 Resp: 3291
Ion Ratio Lower Upper
276 100
138 26.3 21.3 31.9
277 23.4 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: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

Instrument :

BNA_F

ClientSampleId :

72-11976

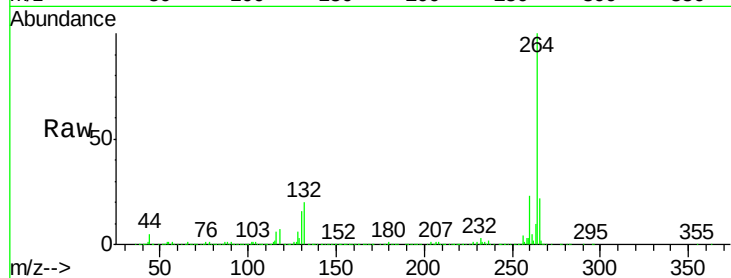
Tgt Ion:264 Resp: 643467

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

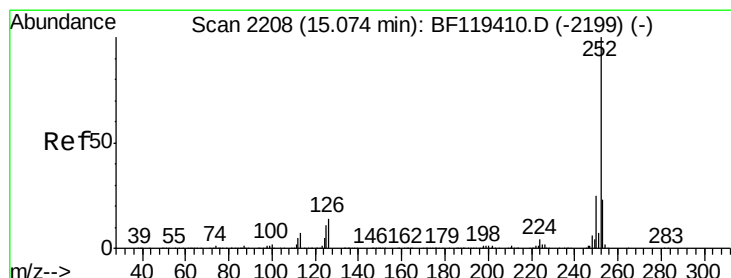
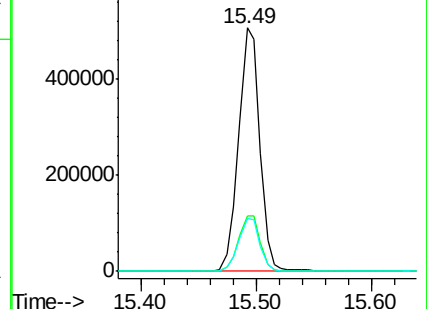
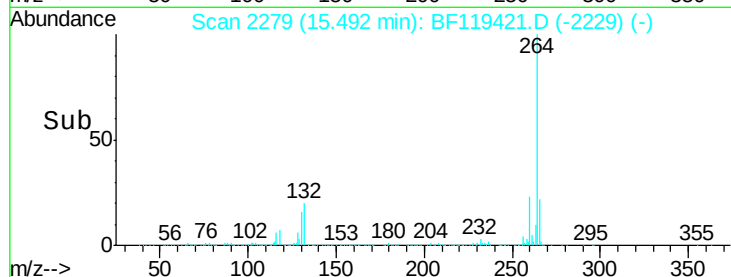
265 22.0 16.9 25.3



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: 0.93 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

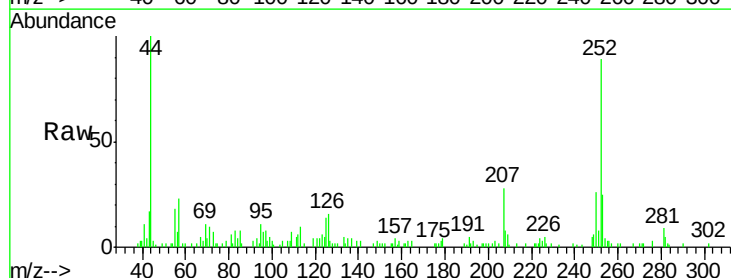
Tgt Ion:252 Resp: 40139

Ion Ratio Lower Upper

252 100

253 28.0 18.2 27.4#

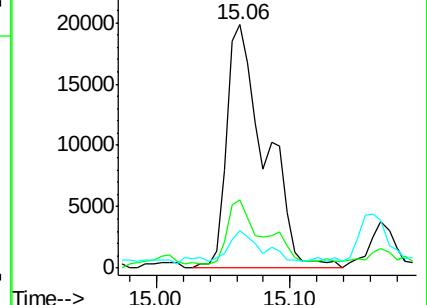
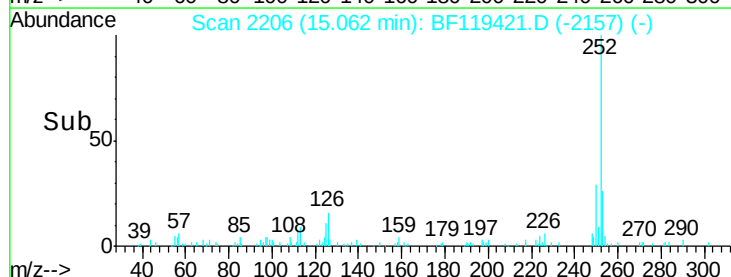
125 15.3 8.8 13.2#

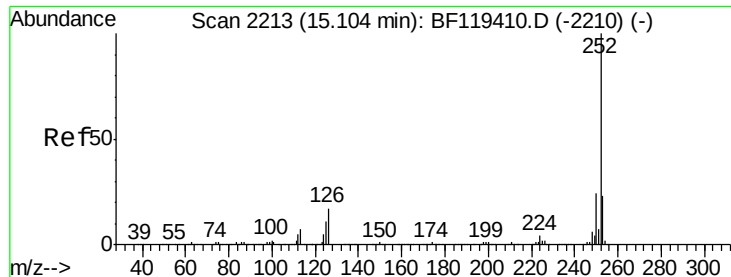


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 0.98 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.04 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

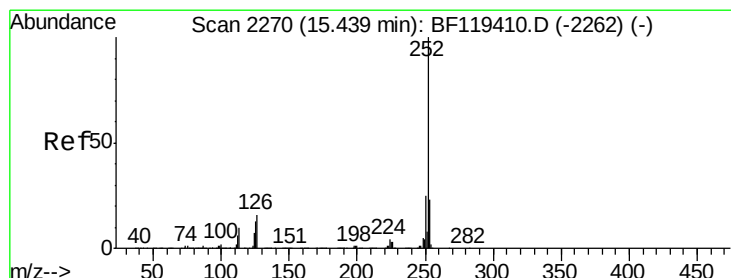
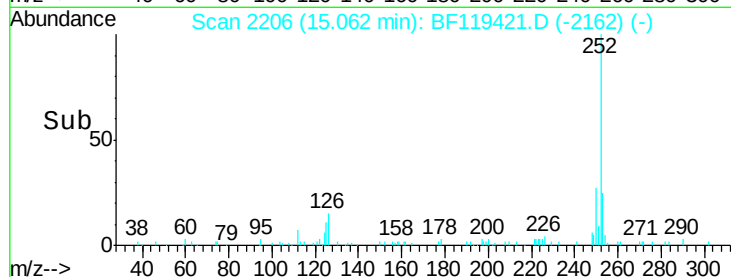
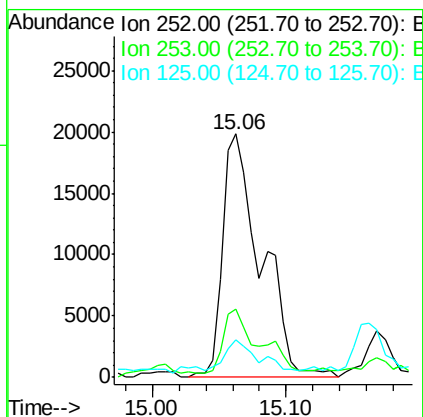
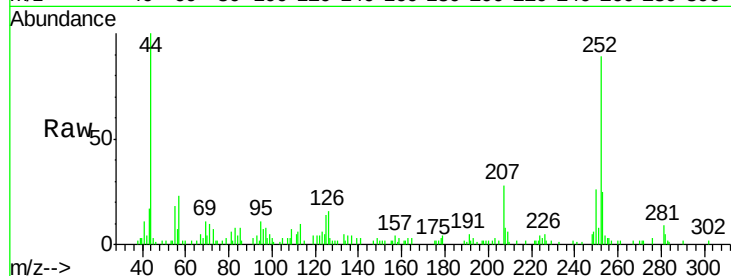
Instrument :

BNA_F

ClientSampled :

72-11976

Tgt Ion:	252	Resp:	40139
Ion Ratio	Lower	Upper	
252	100		
253	28.0	18.2	27.4#
125	15.3	9.0	13.4#



#90

Benzo(a)pyrene

Concen: 0.51 ng

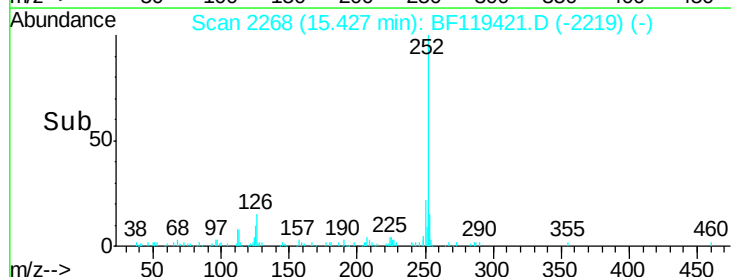
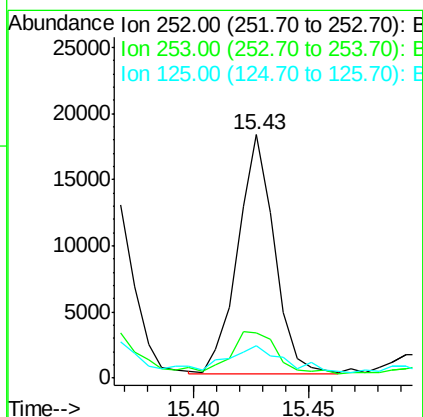
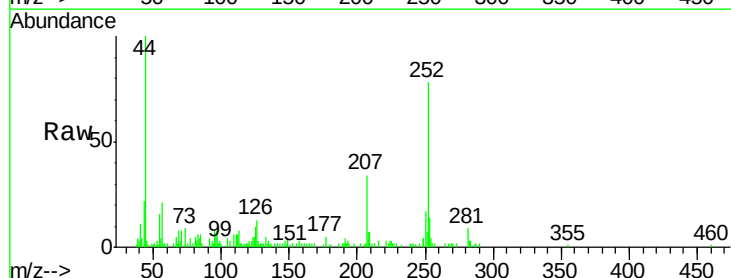
RT: 15.43 min Scan# 2268

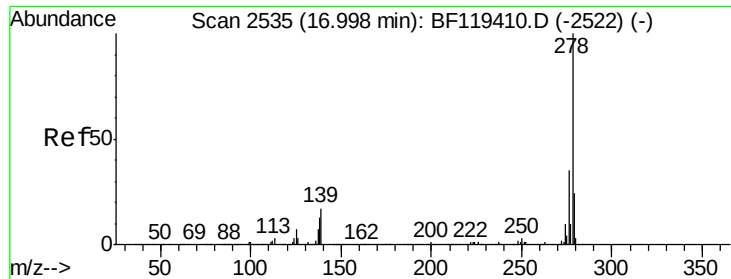
Delta R.T. -0.01 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

Tgt Ion:	252	Resp:	19939
Ion Ratio	Lower	Upper	
252	100		
253	18.5	18.2	27.4
125	13.2	10.2	15.2





#91

Dibenzo(a,h)anthracene

Concen: 0.14 ng

RT: 16.97 min Scan# 2530

Delta R.T. -0.03 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

Instrument :

BNA_F

ClientSampleId :

72-11976

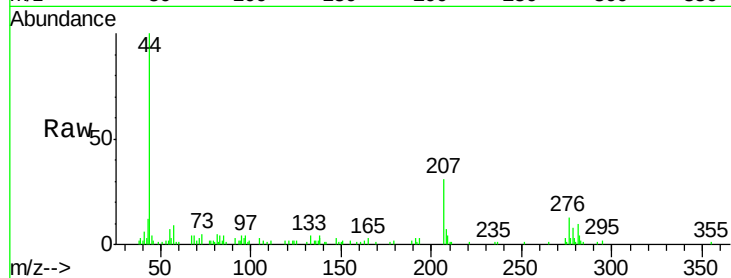
Tgt Ion: 278 Resp: 4864

Ion Ratio Lower Upper

278 100

139 0.0 13.7 20.5#

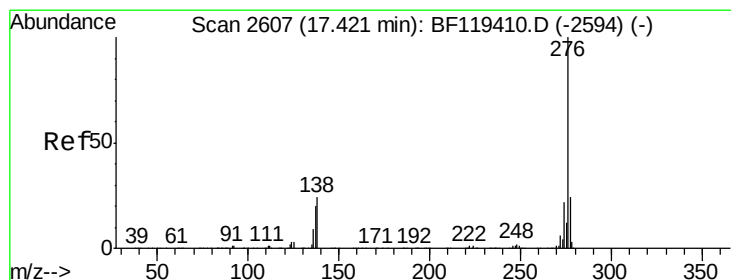
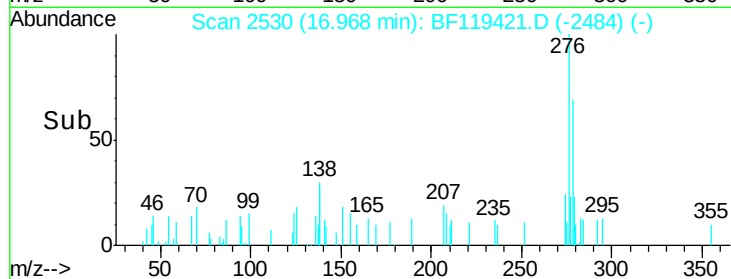
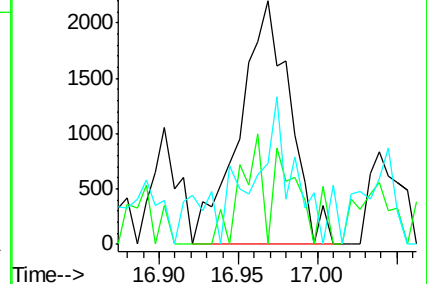
279 33.1 19.2 28.8#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 0.46 ng

RT: 17.39 min Scan# 2602

Delta R.T. -0.03 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

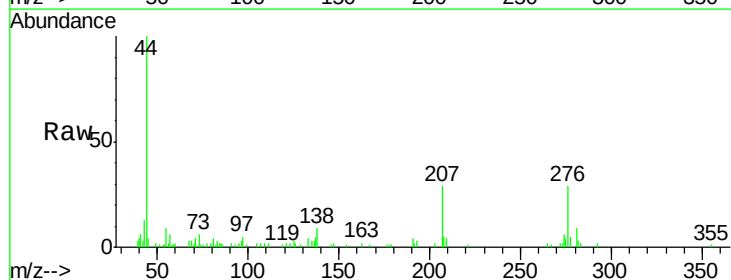
Tgt Ion: 276 Resp: 15730

Ion Ratio Lower Upper

276 100

277 18.2 18.8 28.2#

138 30.4 19.1 28.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

