

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062620\
 Data File : BF120722.D
 Acq On : 26 Jun 2020 21:25
 Operator : JU/CG
 Sample : L2810-16MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

Quant Time: Jun 27 00:48:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	153062	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	578827	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	302246	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	590485	20.00	ng	0.00
76) Chrysene-d12	13.96	240	472714	20.00	ng	0.00
86) Perylene-d12	15.40	264	536552	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	966132	108.22	ng	0.00
7) Phenol-d6	6.43	99	1112714	100.07	ng	0.00
23) Nitrobenzene-d5	7.36	82	863621	83.40	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	428809	122.03	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1639882	83.01	ng	-0.01
79) Terphenyl-d14	12.90	244	1912669	89.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	158553	37.471	ng	# 84
3) Pyridine	3.33	79	326911	27.483	ng	99
4) n-Nitrosodimethylamine	3.26	42	200522	40.621	ng	98
6) Aniline	6.46	93	334745	23.523	ng	# 88
8) 2-Chlorophenol	6.58	128	460049	45.601	ng	99
9) Benzaldehyde	6.34	77	116261	16.530	ng	99
10) Phenol	6.45	94	448824	37.831	ng	99
11) bis(2-Chloroethyl)ether	6.53	93	449186	45.455	ng	97
12) 1,3-Dichlorobenzene	6.73	146	466819	43.525	ng	98
13) 1,4-Dichlorobenzene	6.81	146	474153	44.807	ng	99
14) 1,2-Dichlorobenzene	6.96	146	437428	42.435	ng	99
15) Benzyl Alcohol	6.94	79	346368	43.924	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	604965	42.518	ng	94
17) 2-Methylphenol	7.06	107	356648	41.449	ng	97
18) Hexachloroethane	7.30	117	172820	44.321	ng	96
19) n-Nitroso-di-n-propylamine	7.21	70	290524	45.043	ng	99
20) 3+4-Methylphenols	7.21	107	403842	37.559	ng	97
22) Acetophenone	7.20	105	575054	44.438	ng	# 98
24) Nitrobenzene	7.38	77	466643	43.062	ng	97
25) Isophorone	7.62	82	855673	42.420	ng	97
26) 2-Nitrophenol	7.69	139	255648	44.593	ng	97
27) 2,4-Dimethylphenol	7.73	122	379249	44.929	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	544186	46.540	ng	100
29) 2,4-Dichlorophenol	7.94	162	389969	45.449	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	422197	44.401	ng	99
31) Naphthalene	8.10	128	1325554	46.638	ng	99
32) Benzoic acid	7.87	122	231059	35.677	ng	93
33) 4-Chloroaniline	8.15	127	280842	21.528	ng	100
34) Hexachlorobutadiene	8.22	225	241355	43.544	ng	99
35) Caprolactam	8.53	113	57364	20.903	ng	93
36) 4-Chloro-3-methylphenol	8.64	107	398697	46.510	ng	99
37) 2-Methylnaphthalene	8.79	142	883922	47.640	ng	99
38) 1-Methylnaphthalene	8.89	142	844194	48.353	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	403480	44.708	ng	99

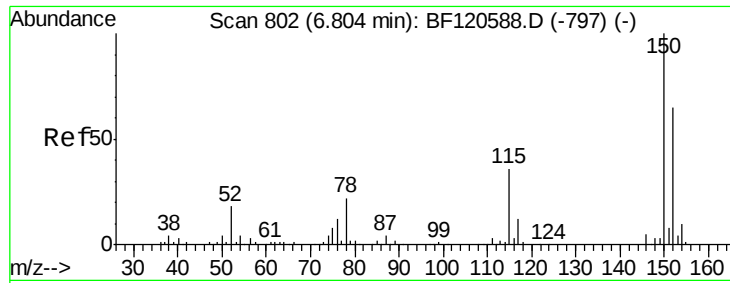
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062620\
 Data File : BF120722.D
 Acq On : 26 Jun 2020 21:25
 Operator : JU/CG
 Sample : L2810-16MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

Quant Time: Jun 27 00:48:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	420426	83.133	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	288901	45.128	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	309563	42.622	ng	97
46) 1,1'-Biphenyl	9.25	154	1050918	46.565	ng	99
47) 2-Chloronaphthalene	9.28	162	833043	45.138	ng	99
48) 2-Nitroaniline	9.37	65	257384	44.405	ng	97
49) Acenaphthylene	9.69	152	1309406	45.972	ng	100
50) Dimethylphthalate	9.56	163	1107632	50.884	ng	100
51) 2,6-Dinitrotoluene	9.62	165	229402	46.502	ng	91
52) Acenaphthene	9.86	154	778957	45.856	ng	99
53) 3-Nitroaniline	9.79	138	176956	29.865	ng	97
54) 2,4-Dinitrophenol	9.90	184	253329	87.246	ng	94
55) Dibenzofuran	10.04	168	1170863	44.953	ng	99
56) 4-Nitrophenol	9.96	139	298889	66.976	ng	97
57) 2,4-Dinitrotoluene	10.03	165	298434	45.590	ng	96
58) Fluorene	10.38	166	902368	44.941	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	263066	46.038	ng	99
60) Diethylphthalate	10.26	149	983390	45.869	ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	442493	42.674	ng	99
62) 4-Nitroaniline	10.40	138	248332	42.216	ng	99
63) Azobenzene	10.53	77	897862	46.137	ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	176342	49.770	ng	99
66) n-Nitrosodiphenylamine	10.49	169	847113	46.716	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	296966	44.313	ng	98
68) Hexachlorobenzene	10.93	284	332181	46.103	ng	100
69) Atrazine	11.02	200	243514	43.397	ng	98
70) Pentachlorophenol	11.13	266	337624	84.284	ng	99
71) Phenanthrene	11.34	178	1358027	46.266	ng	99
72) Anthracene	11.39	178	1399447	47.299	ng	100
73) Carbazole	11.55	167	1305054	44.559	ng	99
74) Di-n-butylphthalate	11.88	149	1554993	47.225	ng	99
75) Fluoranthene	12.53	202	1512547	45.070	ng	97
77) Benzidine	12.65	184	276330	17.285	ng	99
78) Pyrene	12.76	202	1557317	46.504	ng	100
80) Butylbenzylphthalate	13.37	149	682240	45.881	ng	100
81) Benzo(a)anthracene	13.95	228	1332779	46.928	ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	381399	35.159	ng	98
83) Chrysene	13.99	228	1353309	46.455	ng	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	891772	49.140	ng	100
85) Di-n-octyl phthalate	14.55	149	1633858	47.175	ng	99
87) Indeno(1,2,3-cd)pyrene	16.84	276	1748233	53.565	ng	100
88) Benzo(b)fluoranthene	14.99	252	1467797	45.924	ng	99
89) Benzo(k)fluoranthene	15.02	252	1396603	49.382	ng	100
90) Benzo(a)pyrene	15.34	252	1347423	47.106	ng	100
91) Dibenzo(a,h)anthracene	16.86	278	1387143	53.001	ng	100
92) Benzo(g,h,i)perylene	17.27	276	1479807	56.095	ng	98

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

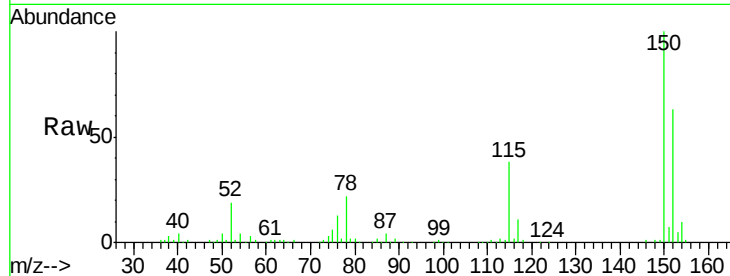


#1

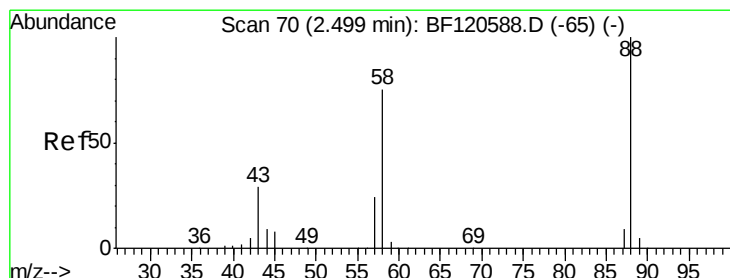
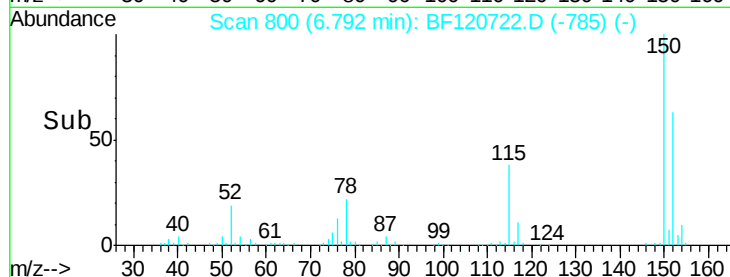
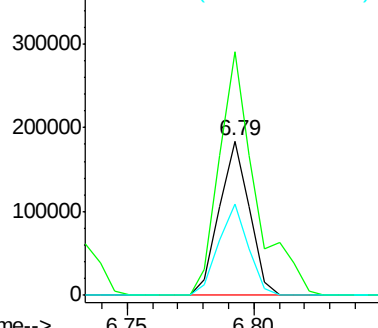
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	123.2	184.8
115	59.1	43.9	65.9



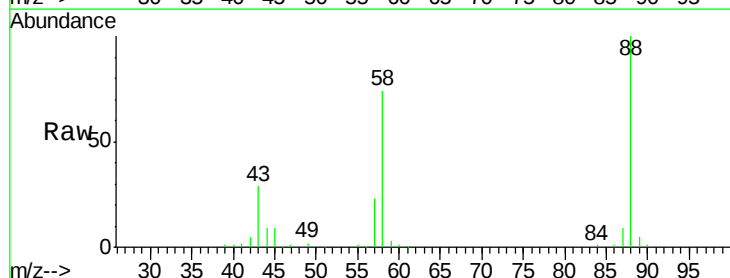
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



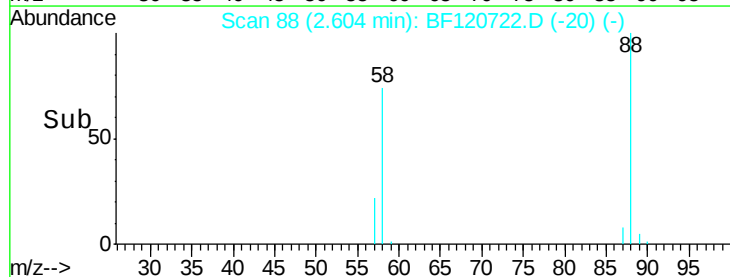
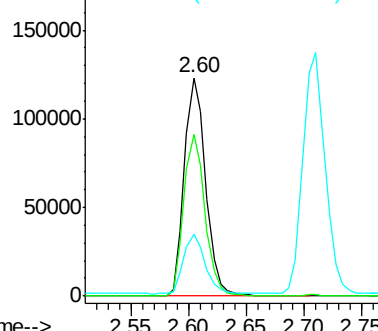
#2

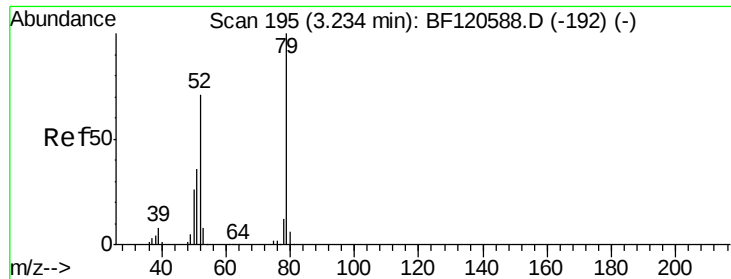
1,4-Dioxane
Concen: 37.471 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.10 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.9	59.6	89.4
43	0.0	23.1	34.7#



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

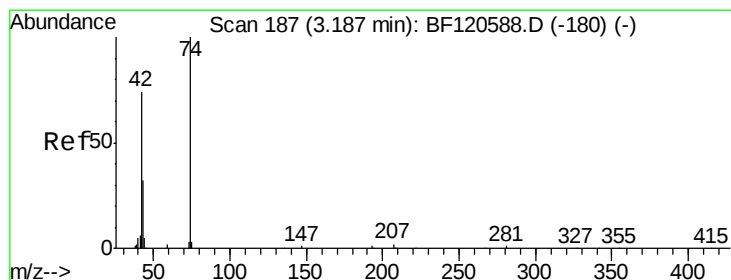
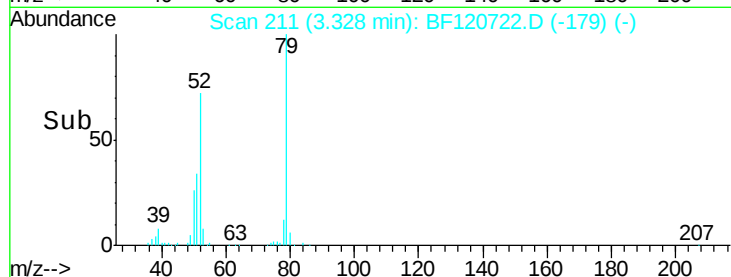
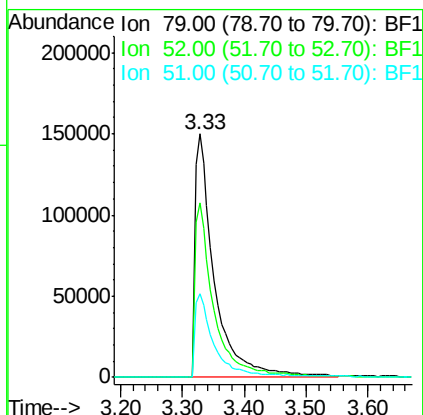
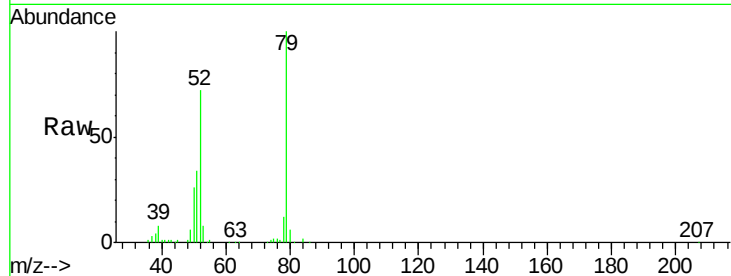




#3
 Pvridine
 Concen: 27.483 ng
 RT: 3.33 min Scan# 211
 Delta R.T. 0.09 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

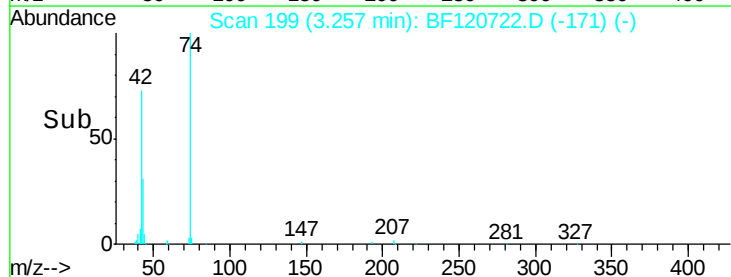
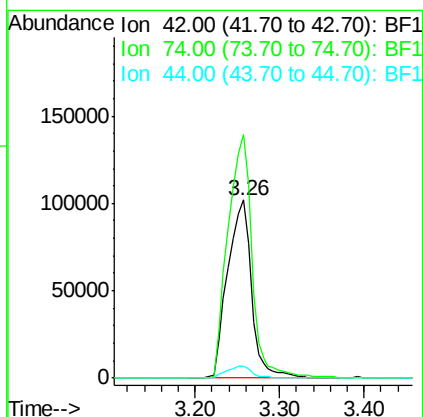
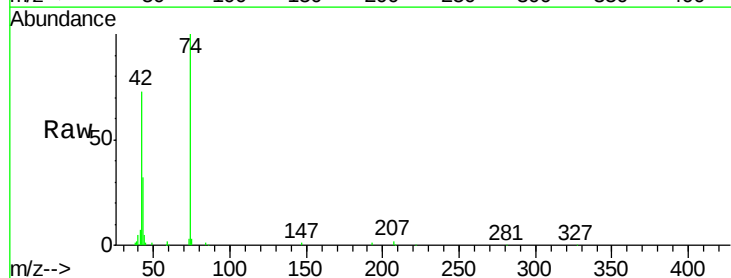
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

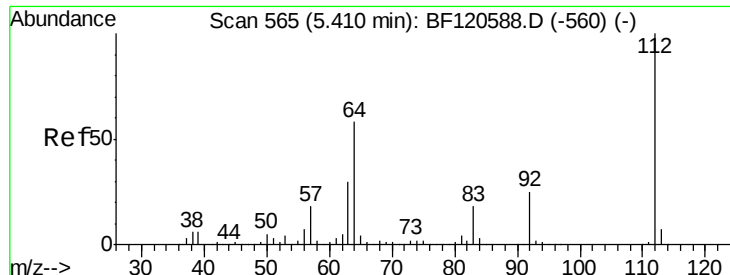
Tot Ion: 79 Resp: 326911
 Ion Ratio Lower Upper
 79 100
 52 71.6 57.0 85.6
 51 34.5 28.5 42.7



#4
 n-Nitrosodimethylamine
 Concen: 40.621 ng
 RT: 3.26 min Scan# 199
 Delta R.T. 0.06 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Tgt Ion: 42 Resp: 200522
 Ion Ratio Lower Upper
 42 100
 74 136.7 107.8 161.6
 44 6.8 5.1 7.7





#5

2-Fluorophenol

Concen: 108.217 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

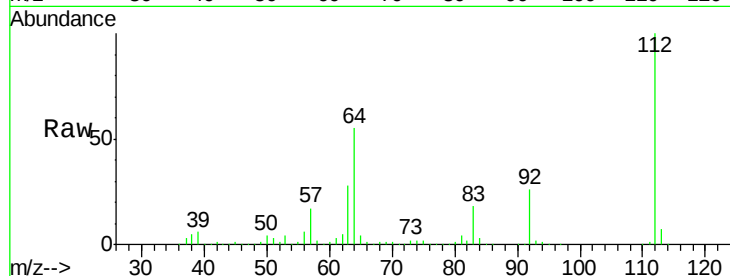
Tot Ion:112 Resp: 966132

Ion Ratio Lower Upper

112 100

64 54.5 46.1 69.1

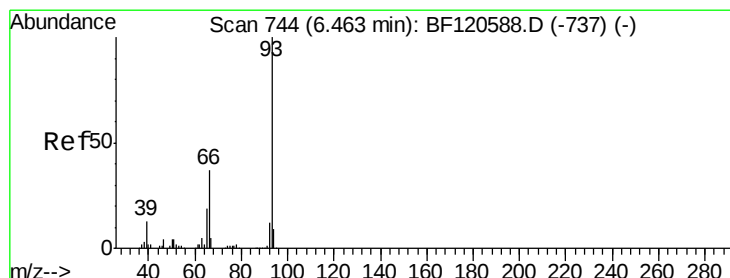
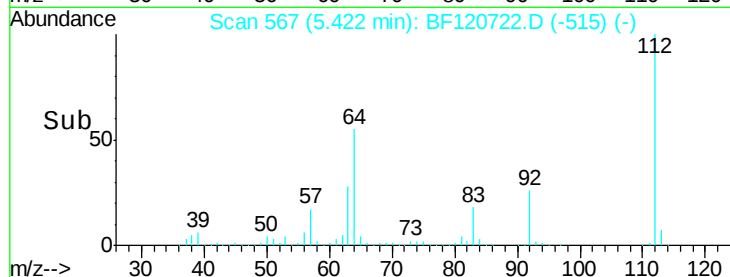
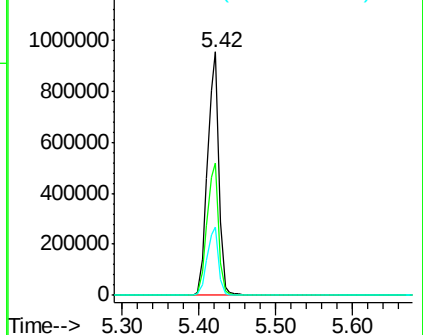
63 27.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.523 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

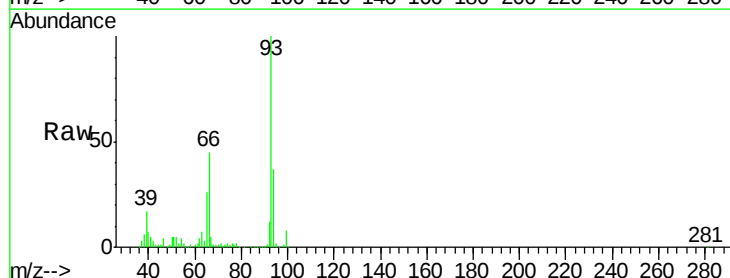
Tgt Ion: 93 Resp: 334745

Ion Ratio Lower Upper

93 100

66 45.0 30.9 46.3

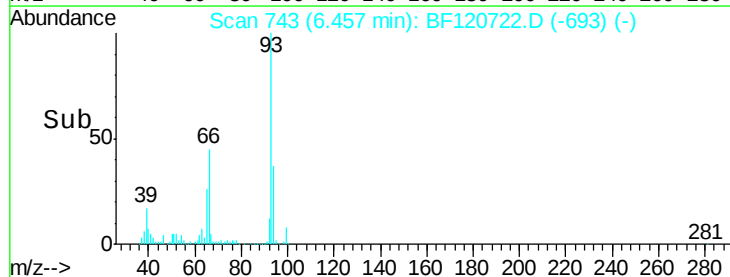
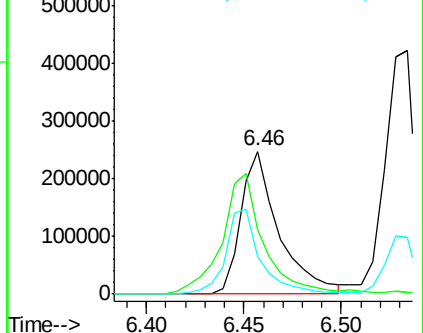
65 26.5 15.9 23.9#

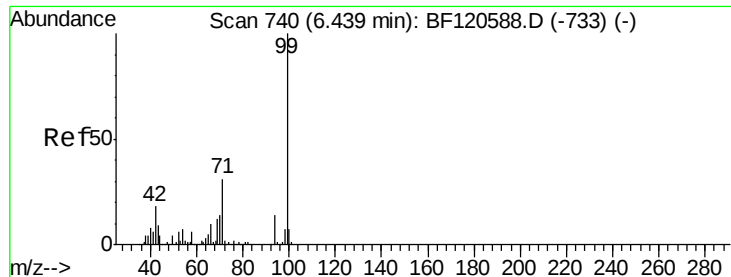


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 100.069 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

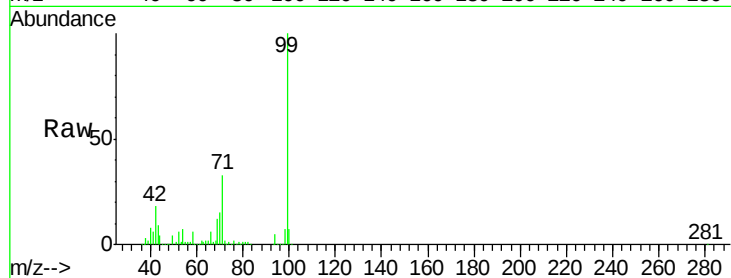
Tot Ion: 99 Resp: 1112714

Ion Ratio Lower Upper

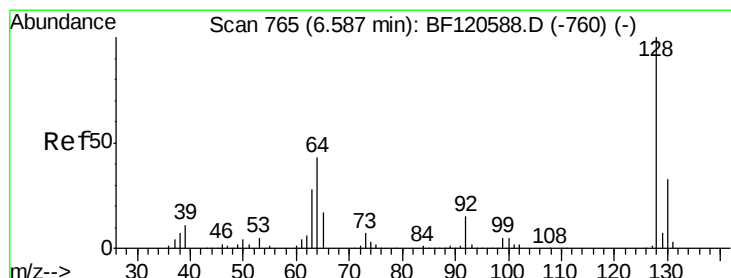
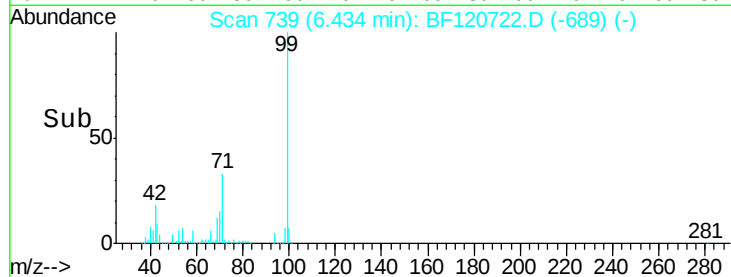
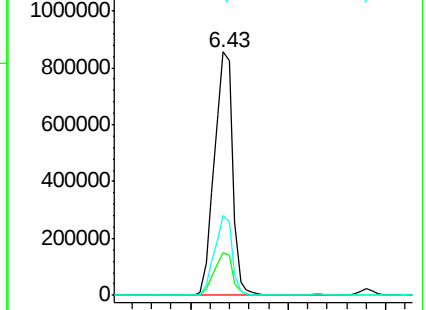
99 100

42 17.6 14.0 21.0

71 32.6 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.601 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

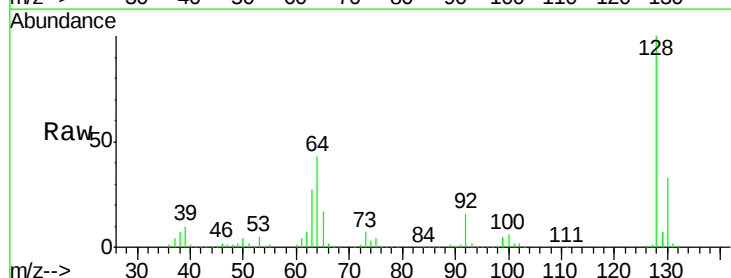
Tgt Ion: 128 Resp: 460049

Ion Ratio Lower Upper

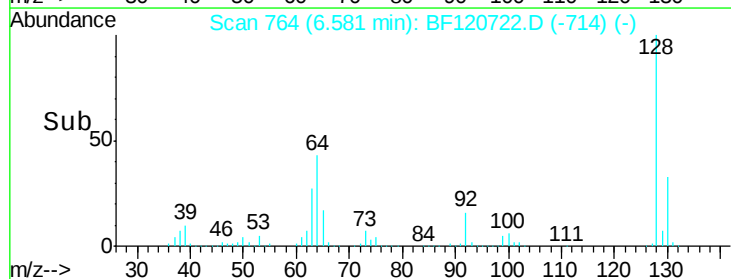
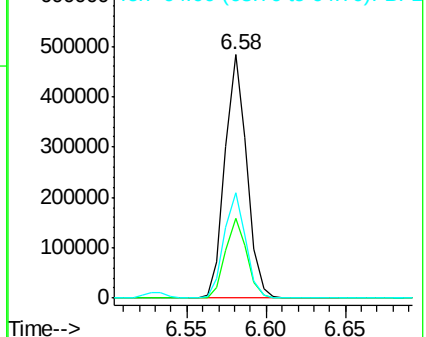
128 100

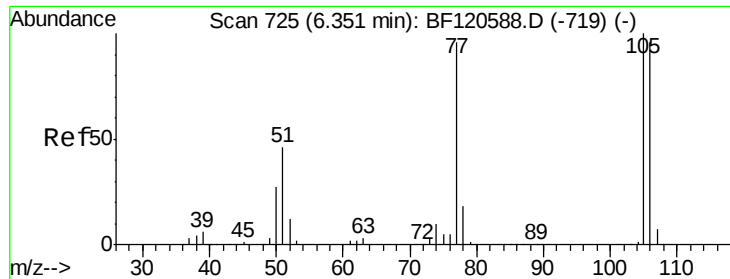
130 32.5 12.6 52.6

64 43.1 24.3 64.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 16.530 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

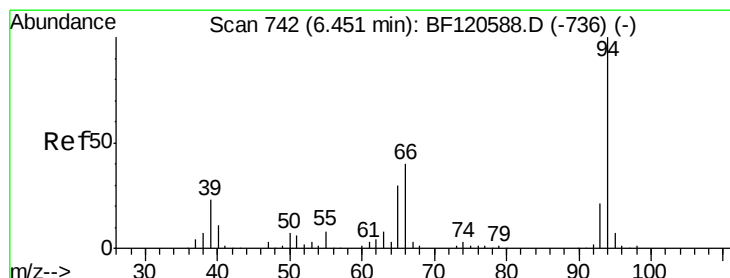
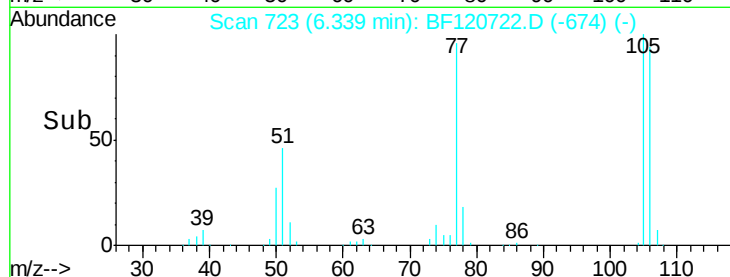
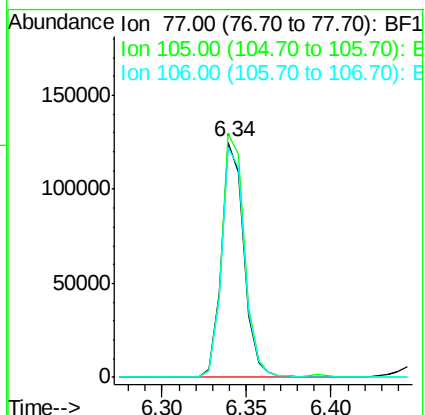
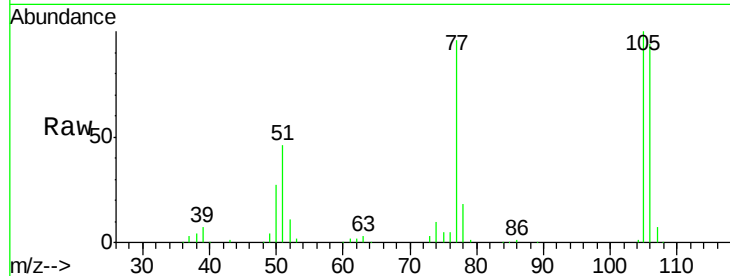
Tot Ion: 77 Resp: 116261

Ion Ratio Lower Upper

77 100

105 103.7 83.8 123.8

106 97.8 79.3 119.3



#10

Phenol

Concen: 37.831 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

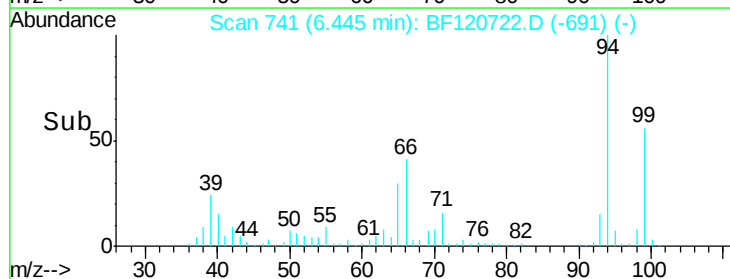
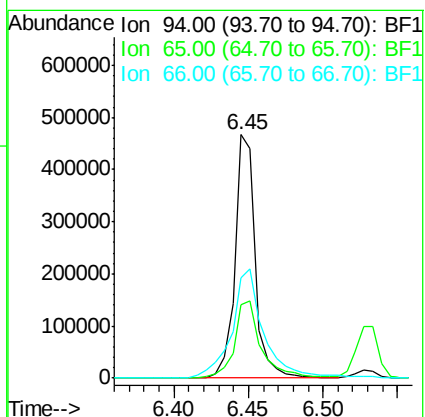
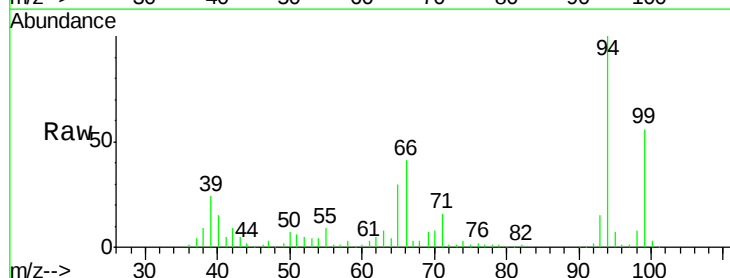
Tgt Ion: 94 Resp: 448824

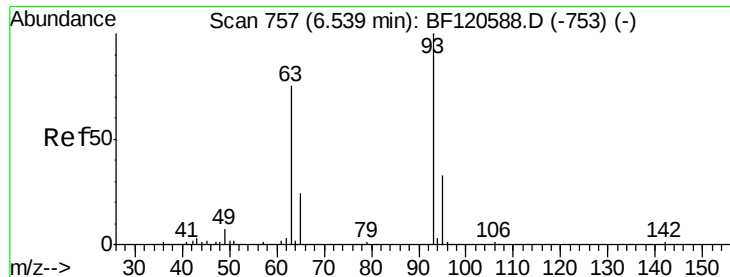
Ion Ratio Lower Upper

94 100

65 30.0 9.9 49.9

66 41.3 20.1 60.1

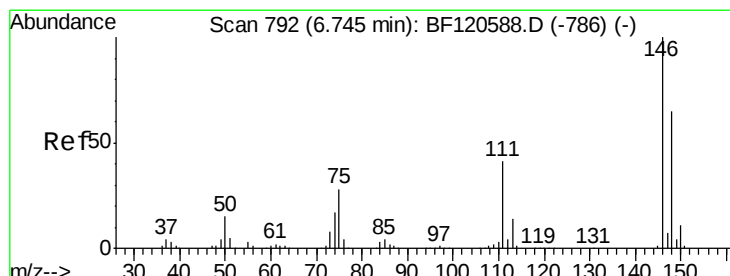
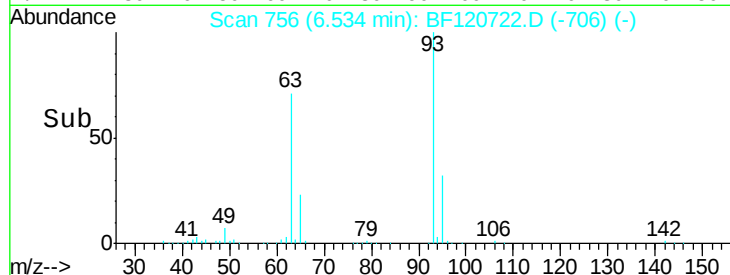
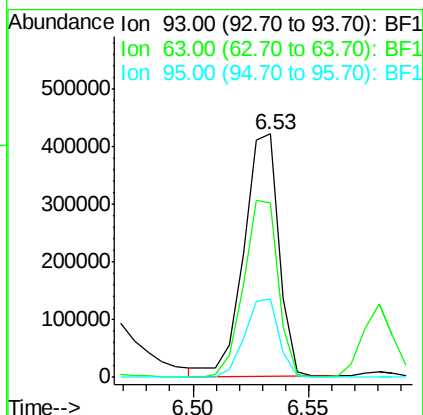
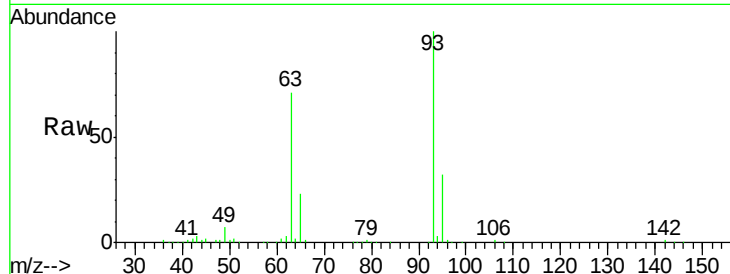




#11
bis(2-Chloroethyl)ether
Concen: 45.455 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

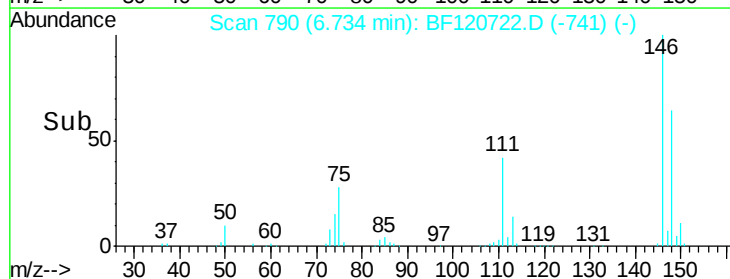
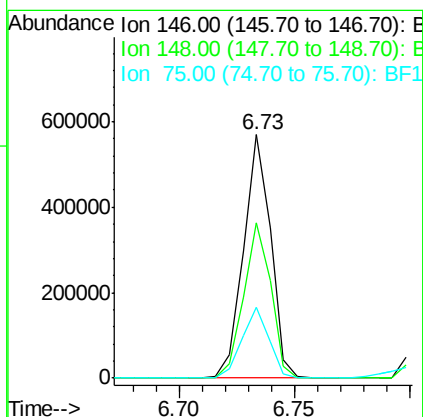
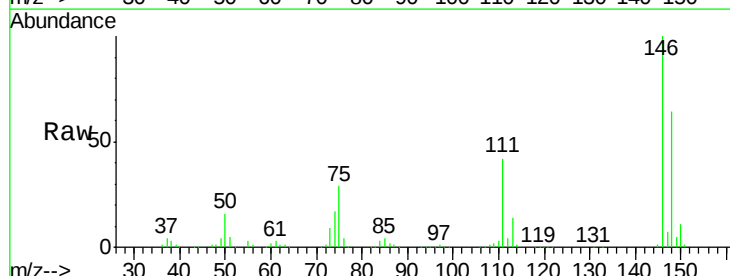
Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

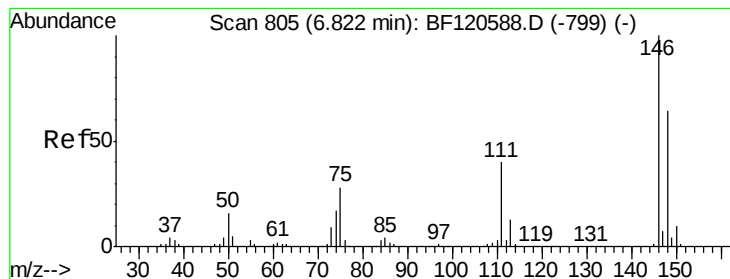
Tot Ion: 93 Resp: 449186
Ion Ratio Lower Upper
93 100
63 71.5 54.4 94.4
95 32.2 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 43.525 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Tgt Ion: 146 Resp: 466819
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.6
75 29.2 22.2 33.4





#13

1,4-Dichlorobenzene

Concen: 44.807 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

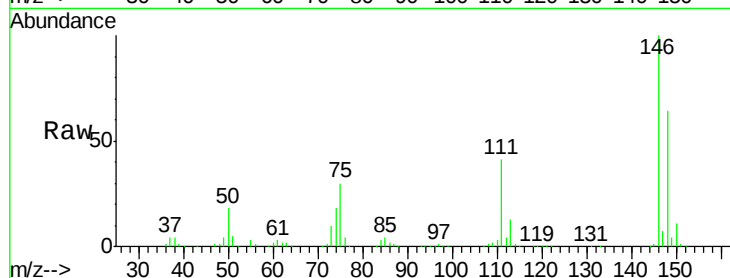
Tot Ion:146 Resp: 474153

Ion Ratio Lower Upper

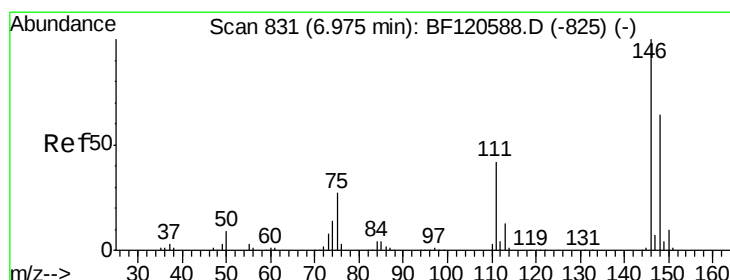
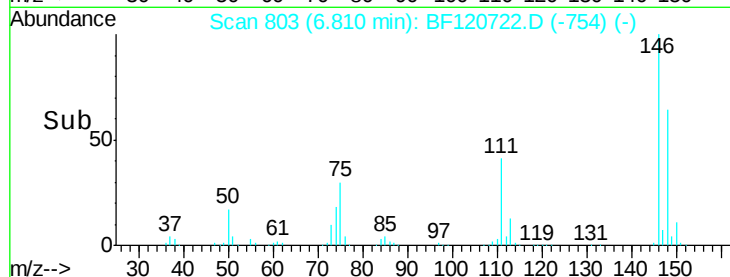
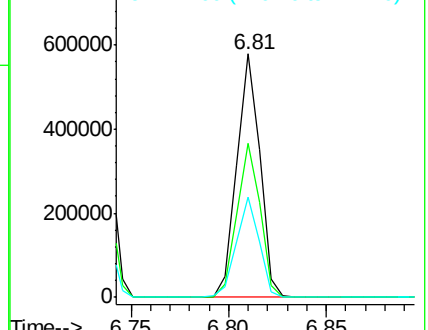
146 100

148 63.5 51.5 77.3

111 41.3 32.2 48.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.435 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

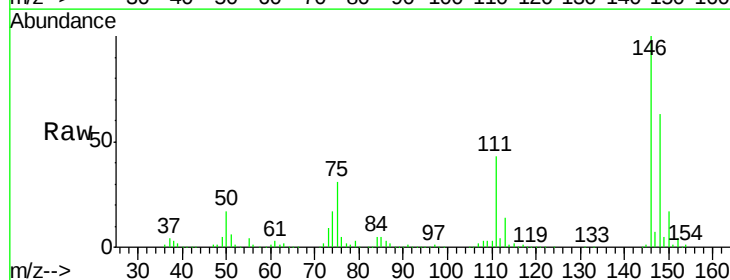
Tgt Ion:146 Resp: 437428

Ion Ratio Lower Upper

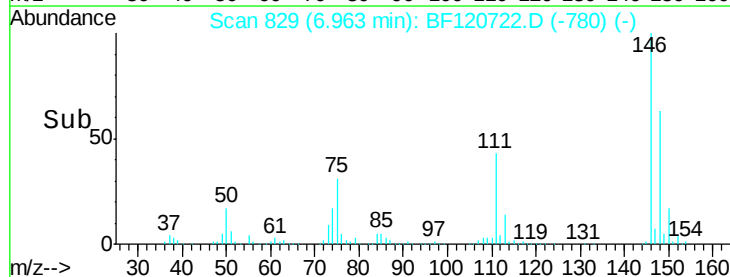
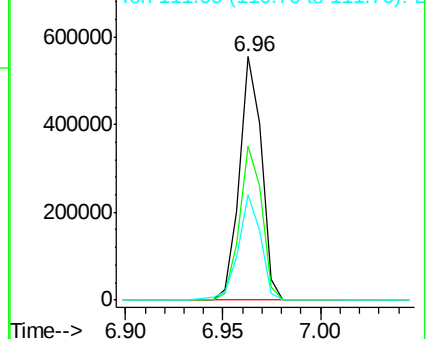
146 100

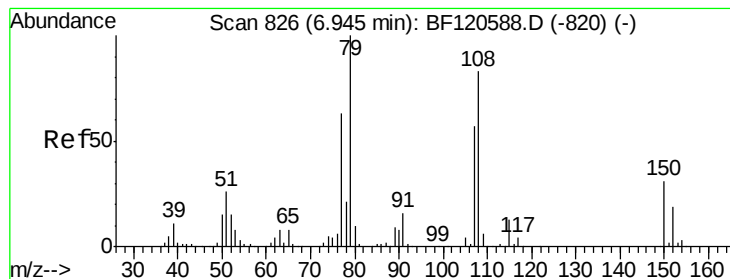
148 63.3 50.8 76.2

111 43.4 33.6 50.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.924 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

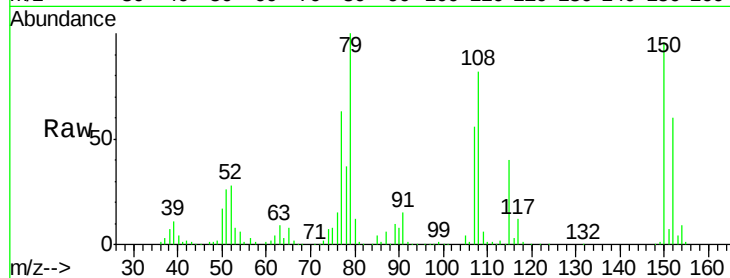
Tot Ion: 79 Resp: 346368

Ion Ratio Lower Upper

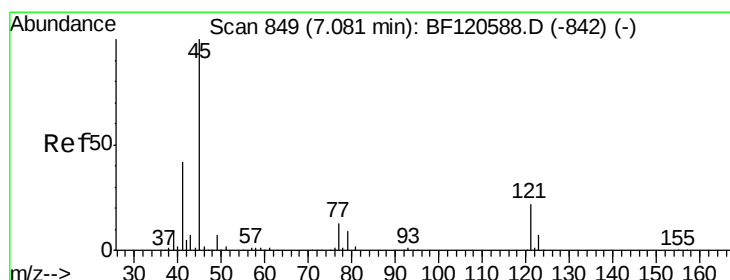
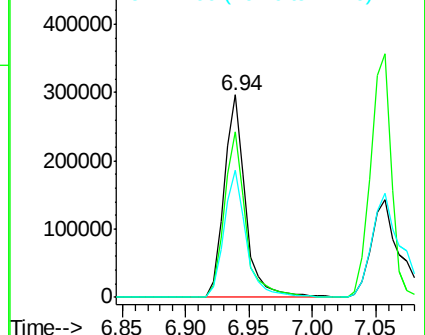
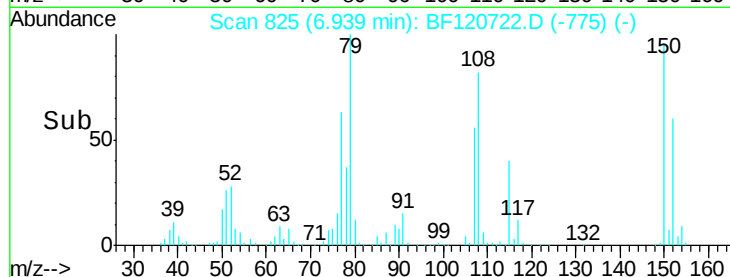
79 100

108 81.7 66.8 100.2

77 63.2 50.6 76.0



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: 42.518 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

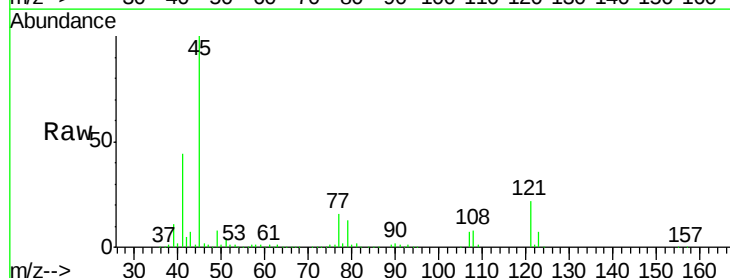
Tgt Ion: 45 Resp: 604965

Ion Ratio Lower Upper

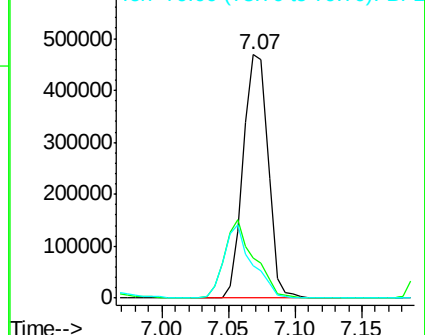
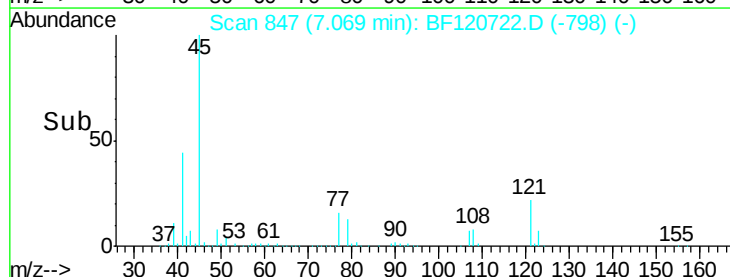
45 100

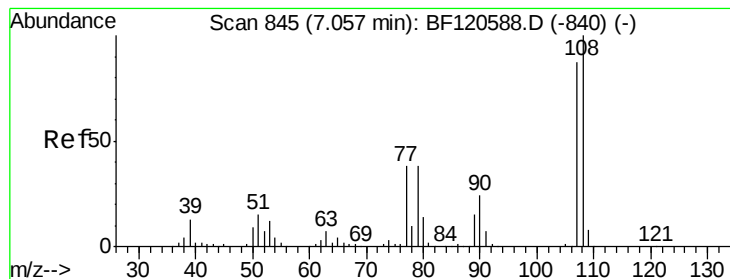
77 16.2 0.0 34.2

79 13.4 0.0 30.9



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: 41.449 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

Tot Ion:107 Resp: 356648

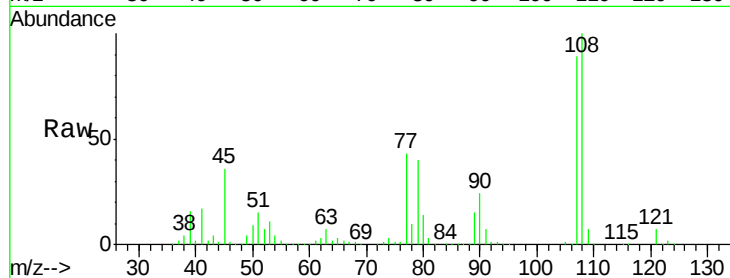
Ion Ratio Lower Upper

107 100

108 112.4 91.9 137.9

77 47.8 35.4 53.2

79 44.8 34.8 52.2

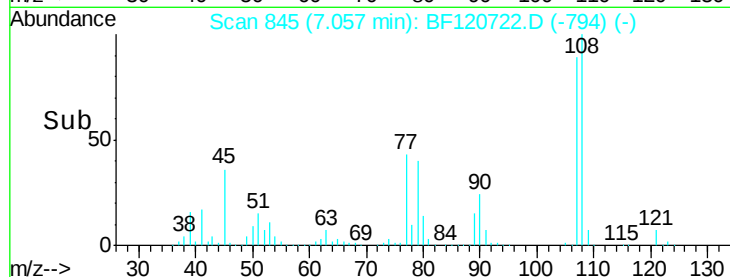


Abundance Ion 107.00 (106.70 to 107.70): E

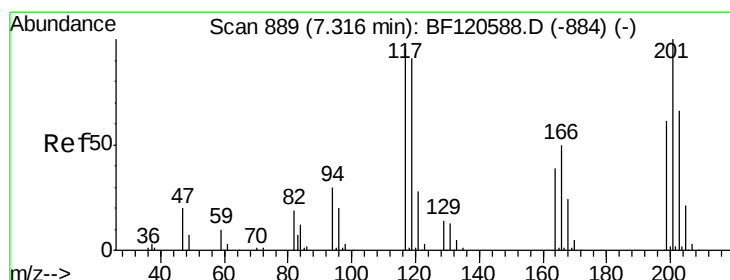
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 44.321 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

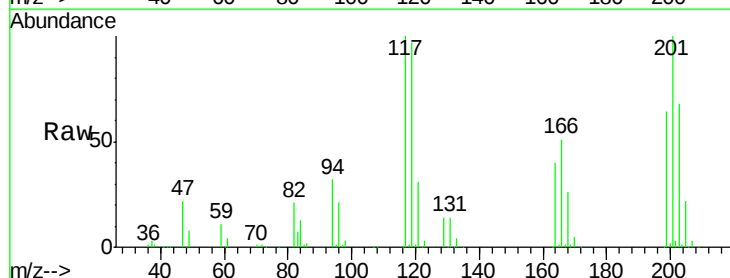
Tgt Ion:117 Resp: 172820

Ion Ratio Lower Upper

117 100

119 96.9 76.9 115.3

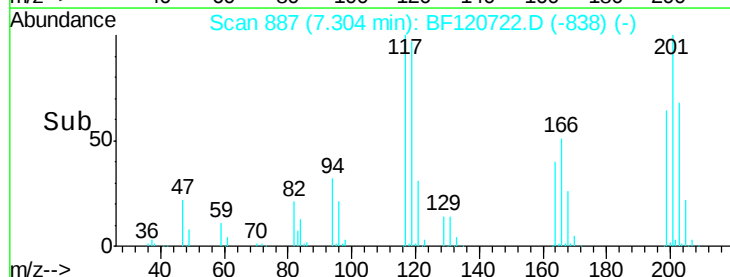
201 99.5 84.6 127.0



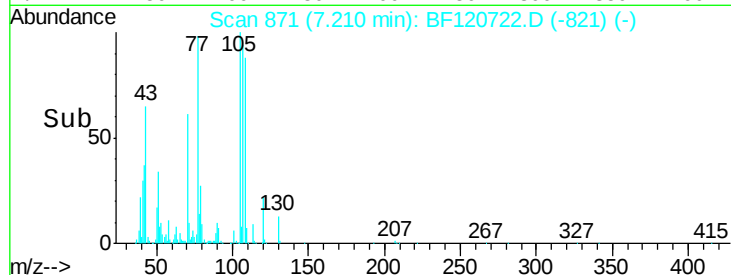
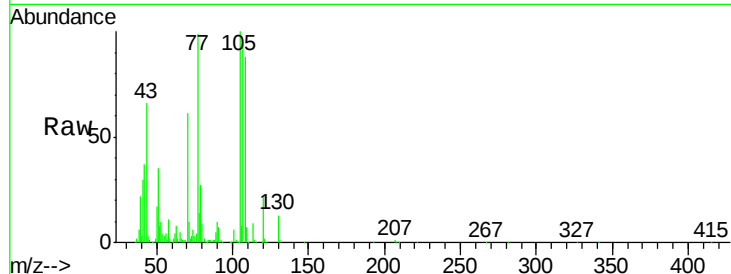
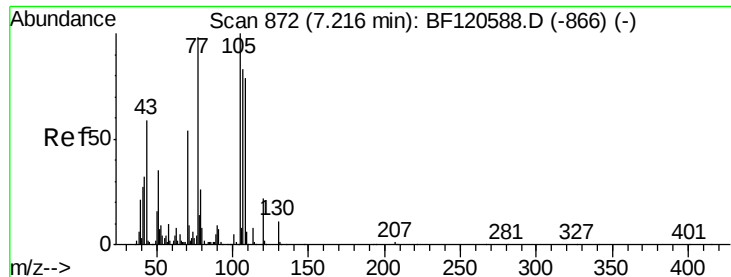
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



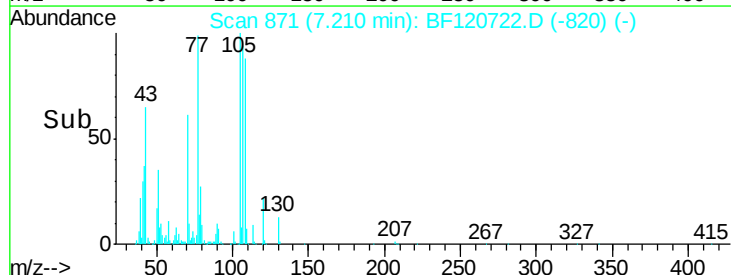
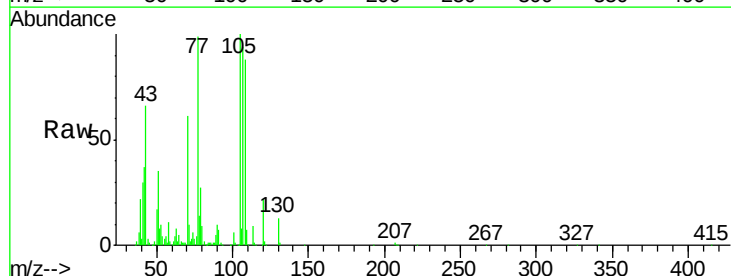
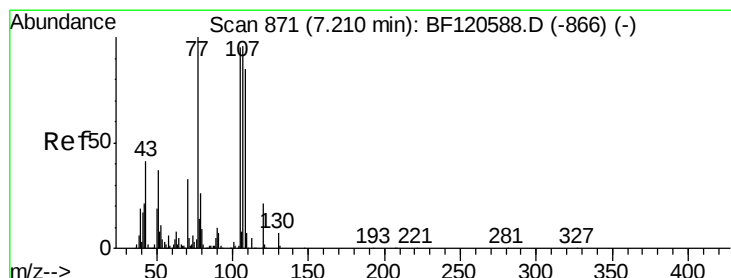
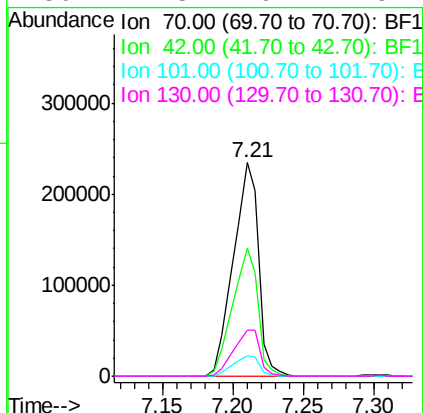
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 45.043 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

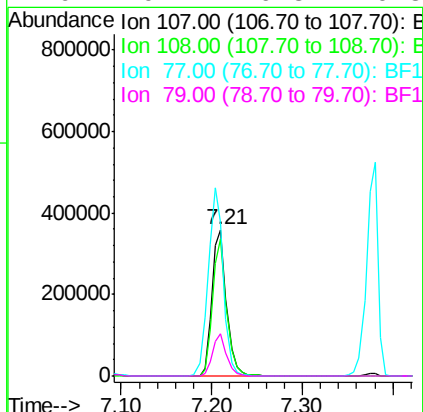
Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

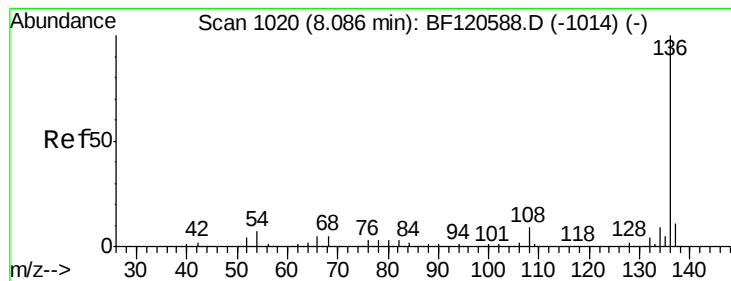
Tot Ion: 70 Resp: 290524
Ion Ratio Lower Upper
70 100
42 59.9 47.7 71.5
101 9.5 7.6 11.4
130 21.8 16.7 25.1



#20
3+4-Methylphenols
Concen: 37.559 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Tgt Ion: 107 Resp: 403842
Ion Ratio Lower Upper
107 100
108 93.6 68.7 108.7
77 104.9 84.2 124.2
79 29.2 6.8 46.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

Tot Ion:136 Resp: 578827

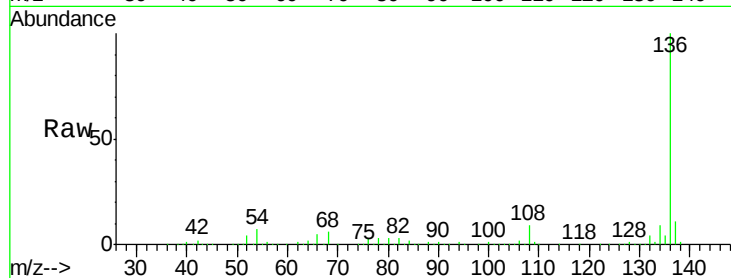
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 7.1 5.8 8.6

68 5.8 4.4 6.6

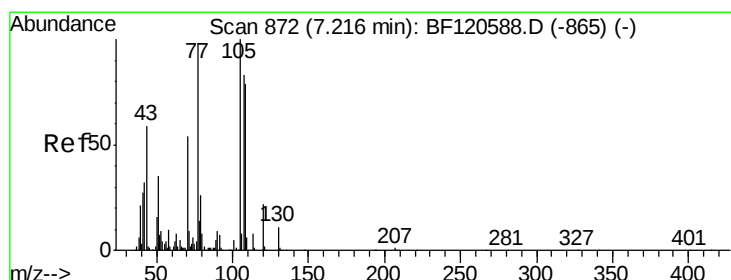
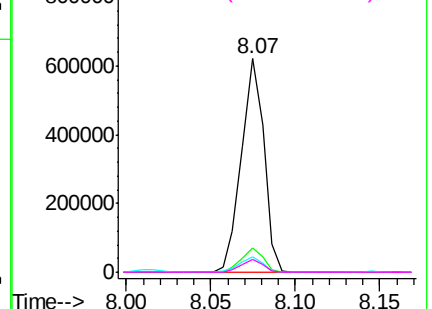
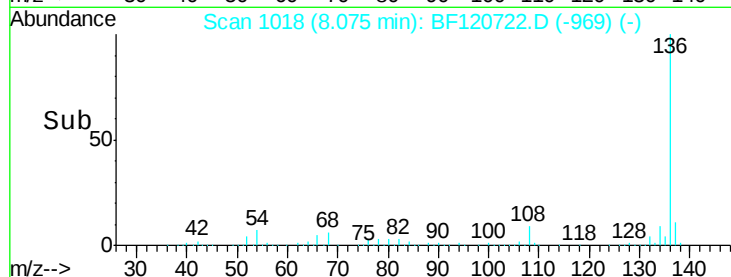


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.438 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Tgt Ion:105 Resp: 575054

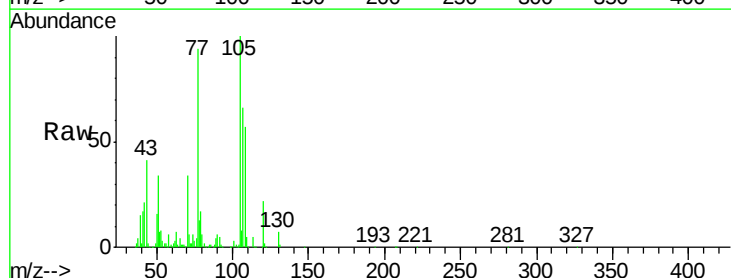
Ion Ratio Lower Upper

105 100

71 5.6 7.2 10.8#

51 34.2 27.8 41.8

120 22.5 18.0 27.0

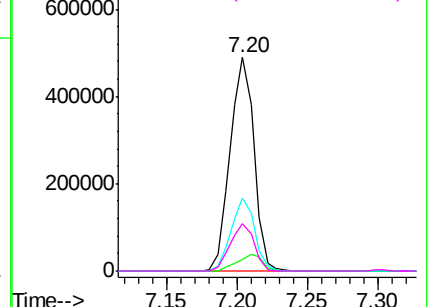
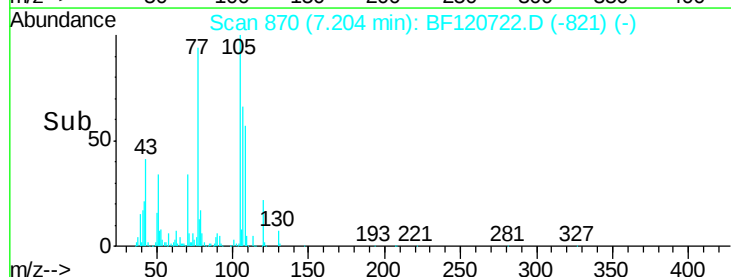


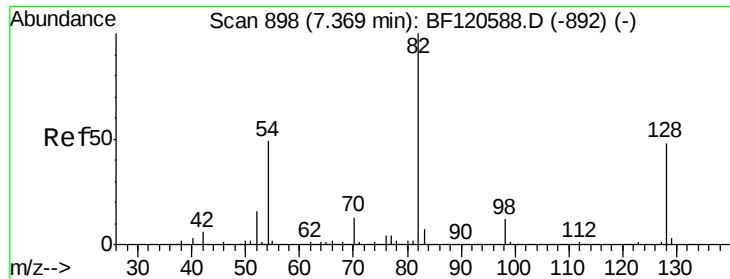
Abundance Ion 105.00 (104.70 to 105.70): E

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

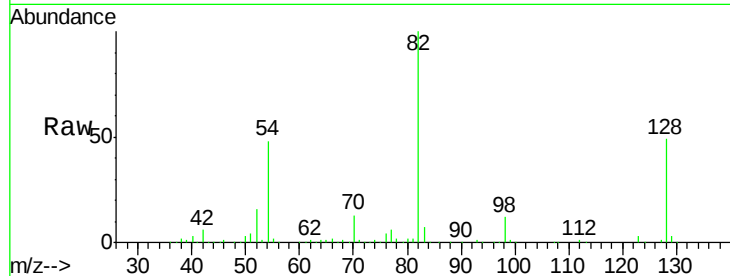




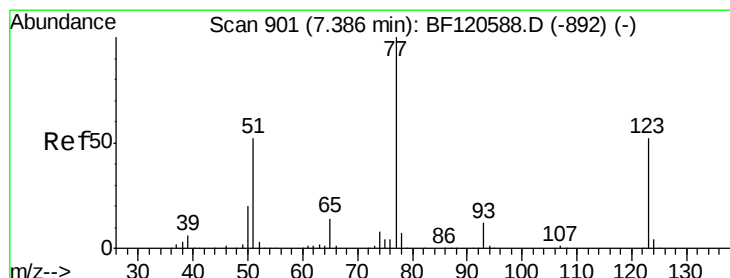
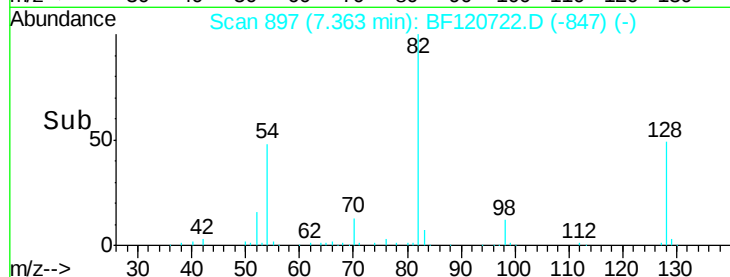
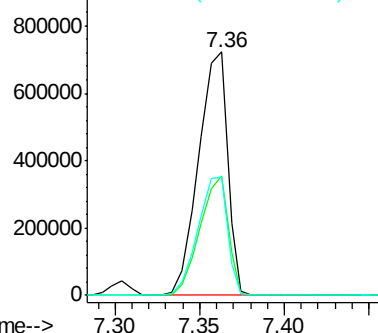
#23
 Nitrobenzene-d5
 Concen: 83.399 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

Tot Ion: 82 Resp: 863621
 Ion Ratio Lower Upper
 82 100
 128 49.2 38.0 57.0
 54 48.4 38.8 58.2

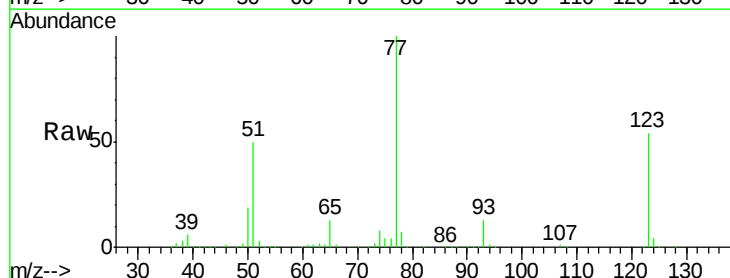


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

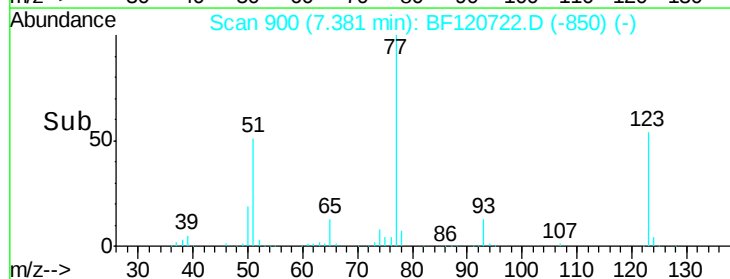
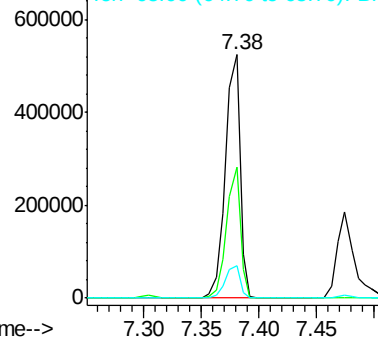


#24
 Nitrobenzene
 Concen: 43.062 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Tgt Ion: 77 Resp: 466643
 Ion Ratio Lower Upper
 77 100
 123 53.8 41.4 62.0
 65 13.2 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 42.420 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

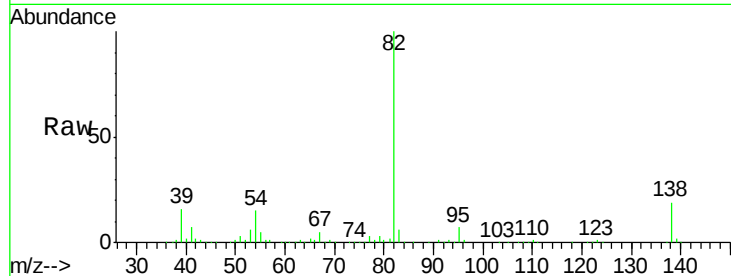
Tot Ion: 82 Resp: 855673

Ion Ratio Lower Upper

82 100

95 6.7 5.7 8.5

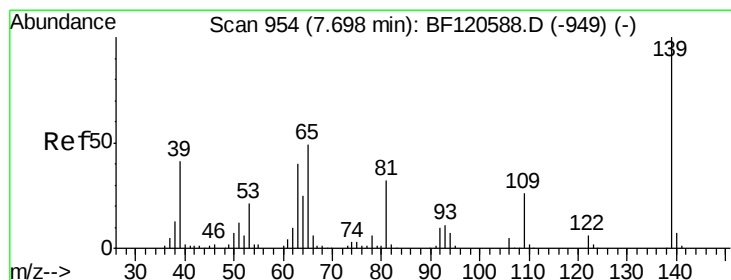
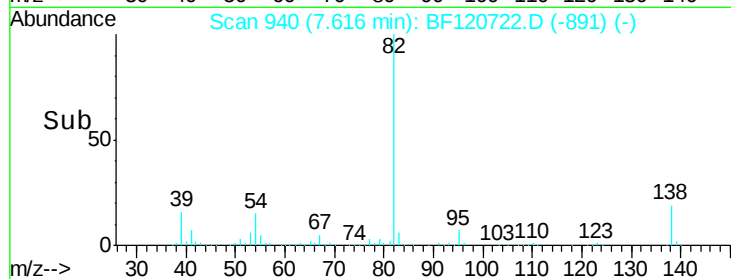
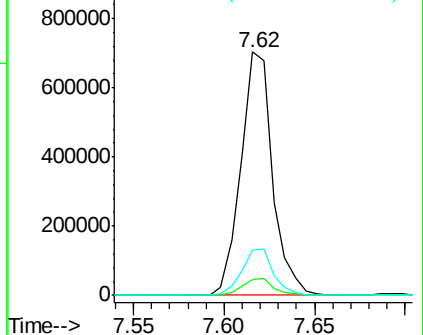
138 18.6 16.2 24.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.593 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

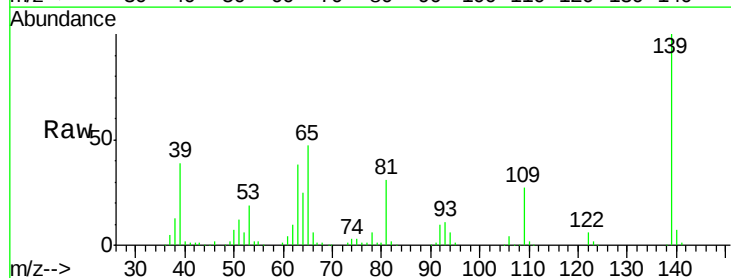
Tgt Ion: 139 Resp: 255648

Ion Ratio Lower Upper

139 100

109 26.8 21.1 31.7

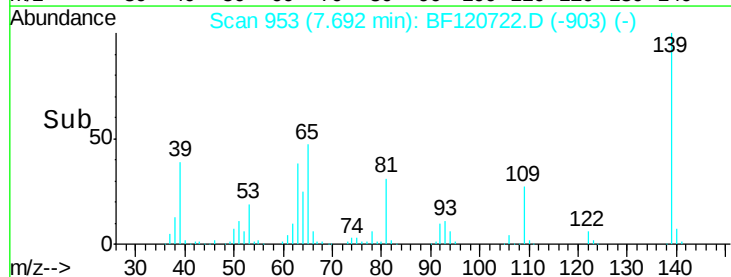
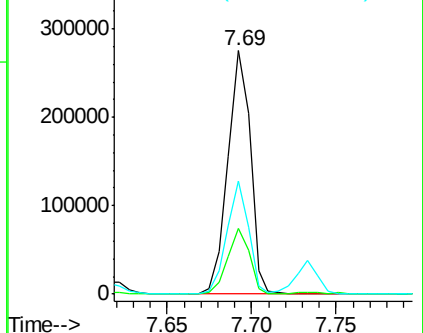
65 46.6 39.4 59.0

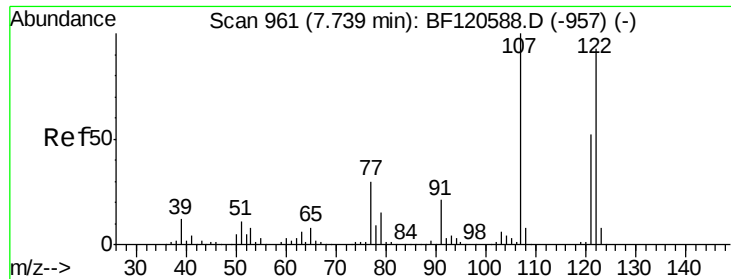


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 44.929 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

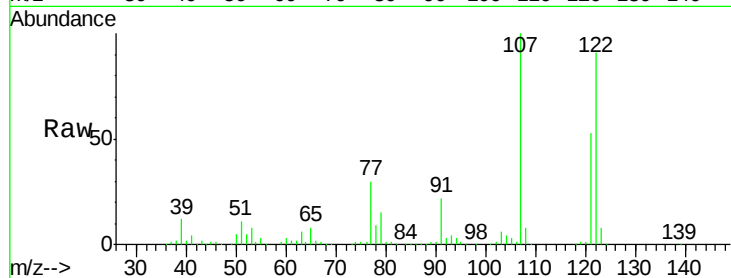
Tot Ion:122 Resp: 379249

Ion Ratio Lower Upper

122 100

107 110.4 86.4 129.6

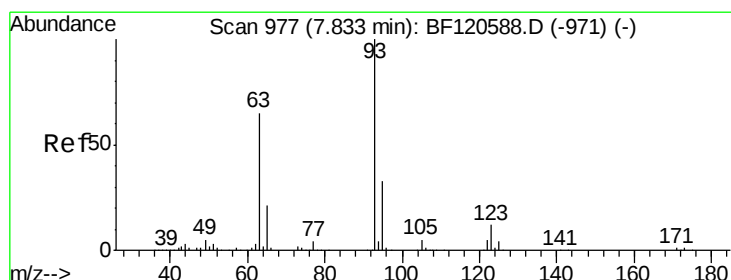
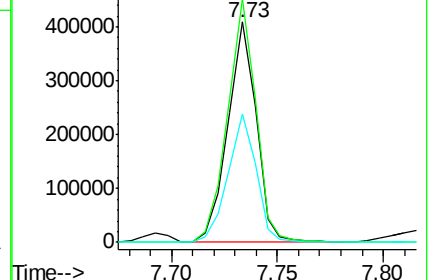
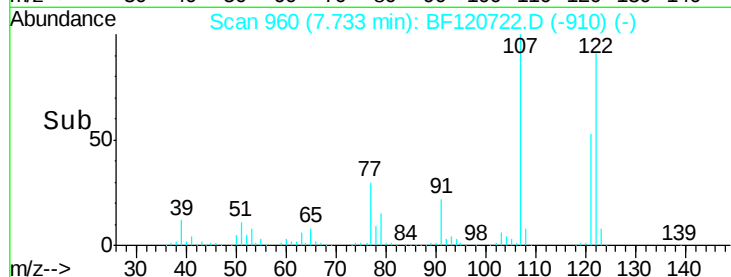
121 58.4 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.540 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

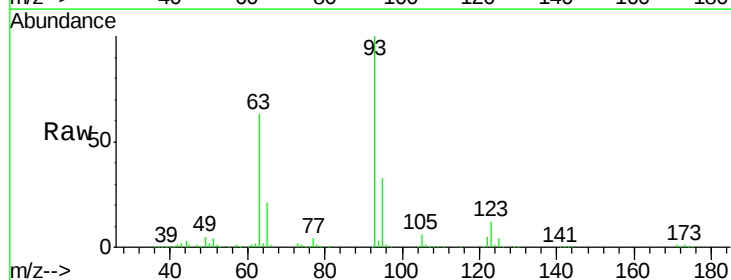
Tgt Ion: 93 Resp: 544186

Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.4

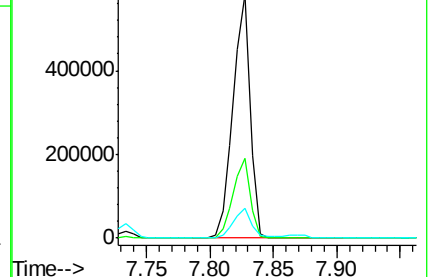
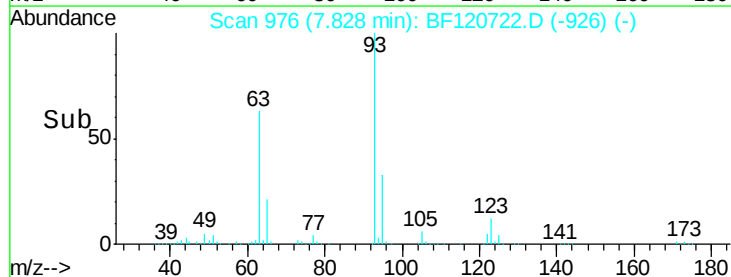
123 12.2 9.5 14.3

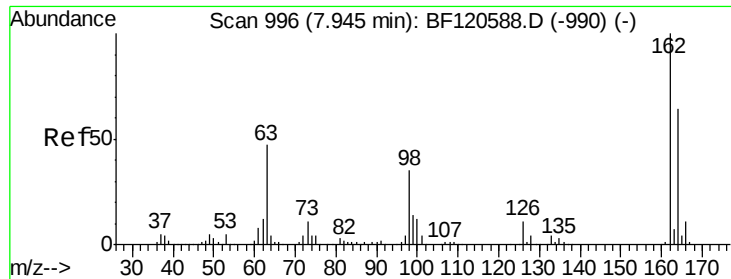


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

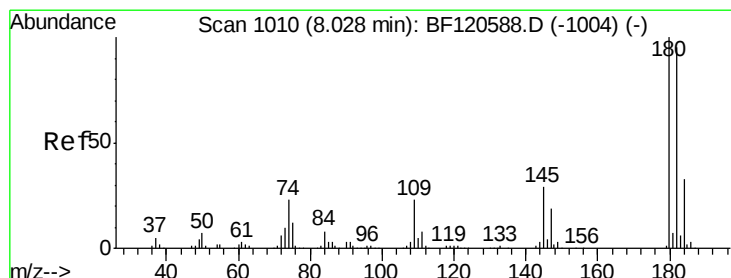
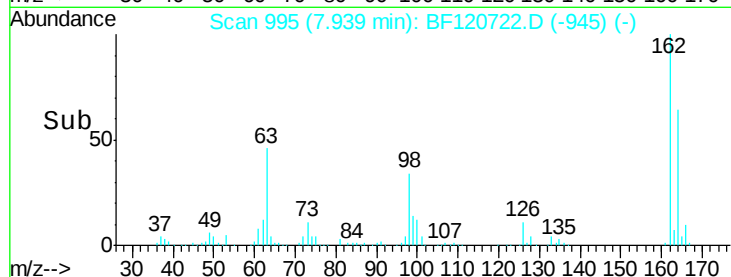
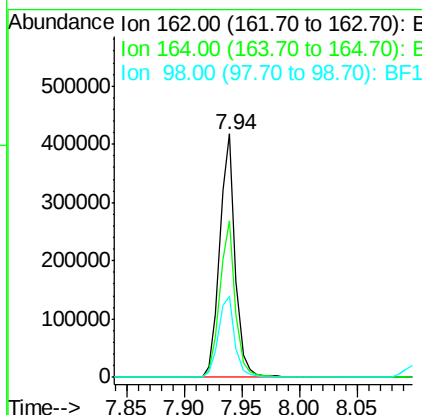
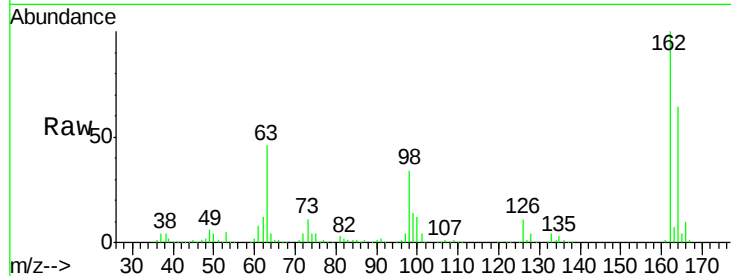




#29
 2,4-Dichlorophenol
 Concen: 45.449 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

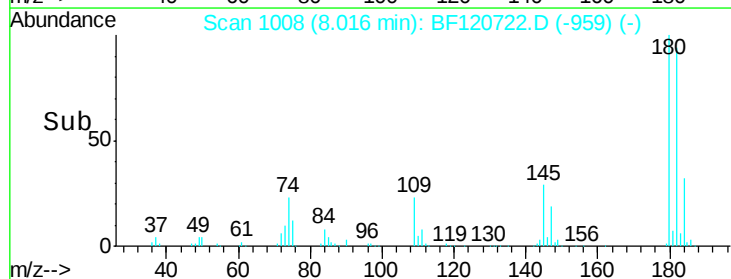
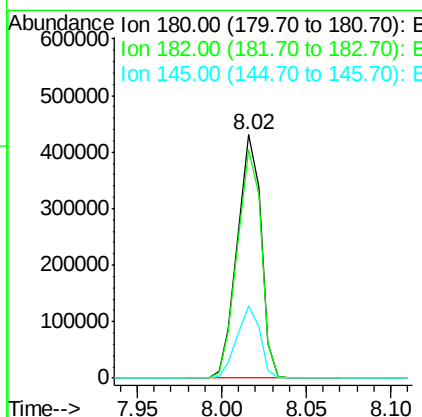
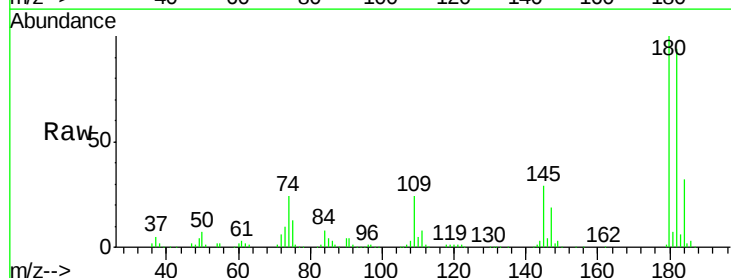
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

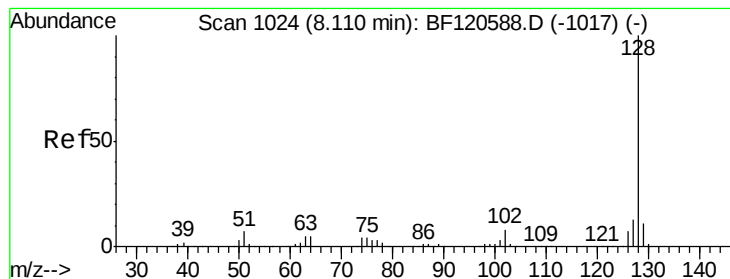
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.1	84.1
98	33.5	14.7	54.7



#30
 1,2,4-Trichlorobenzene
 Concen: 44.401 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.8	113.6
145	29.4	23.0	34.6





#31

Naphthalene

Concen: 46.638 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

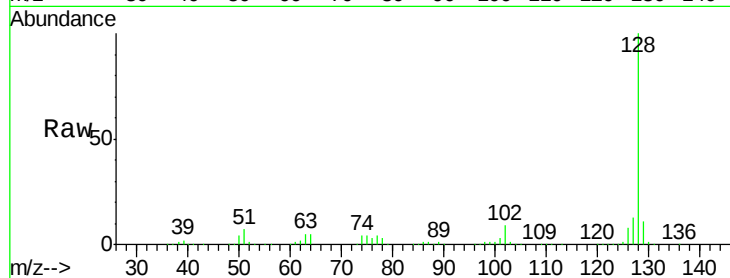
Tot Ion:128 Resp: 1325554

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

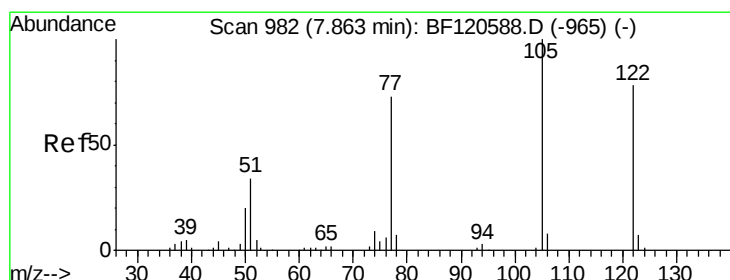
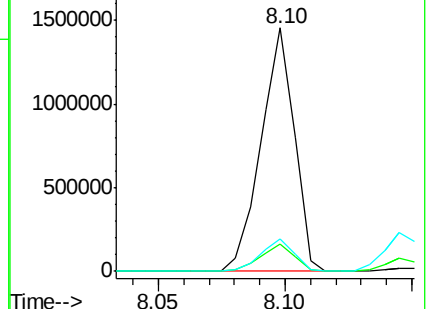
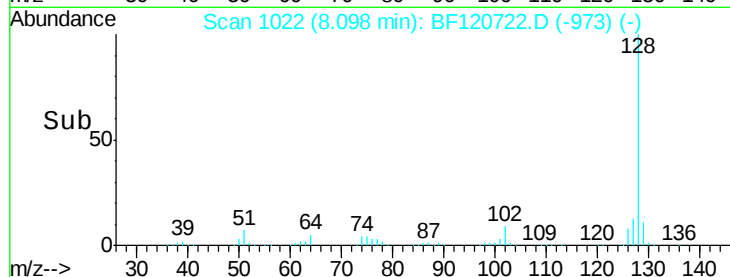
127 13.3 10.6 15.8



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: 35.677 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

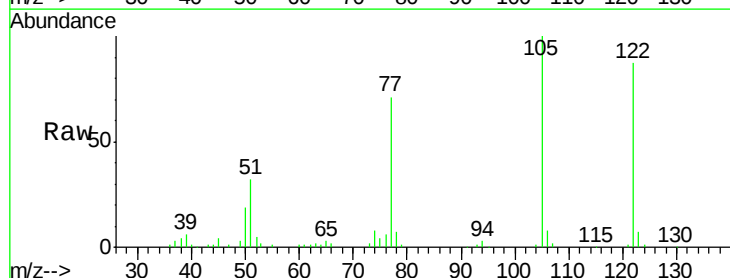
Tgt Ion:122 Resp: 231059

Ion Ratio Lower Upper

122 100

105 114.6 101.0 141.0

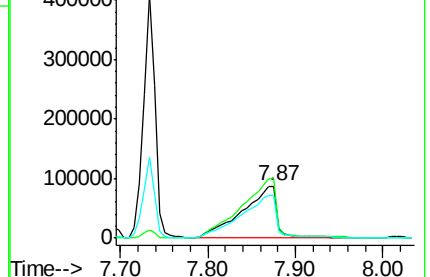
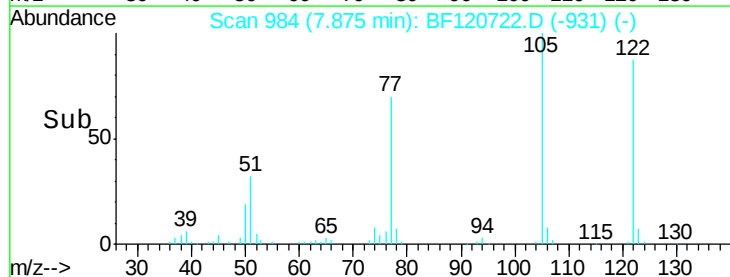
77 80.9 69.8 109.8



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

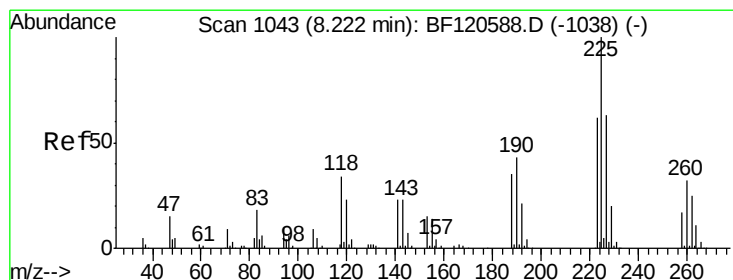
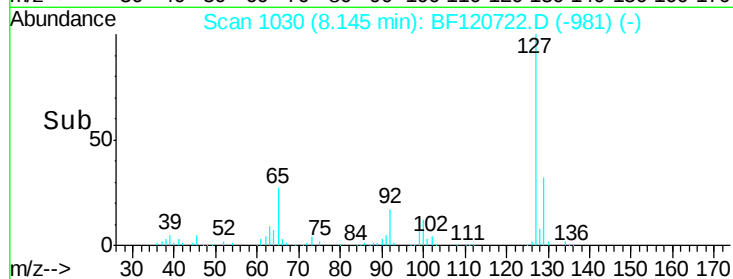
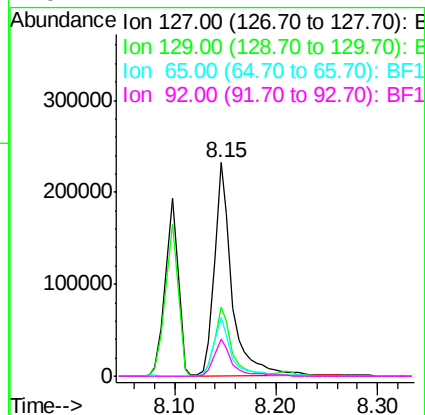
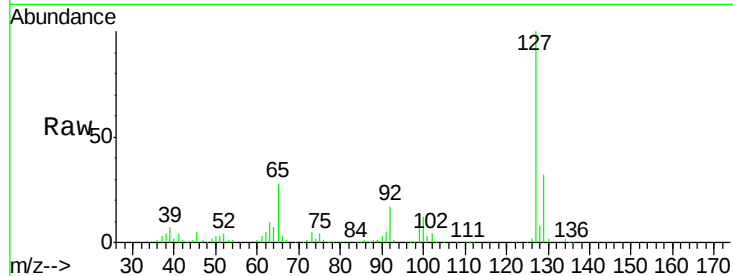




#33
4-Chloroaniline
Concen: 21.528 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

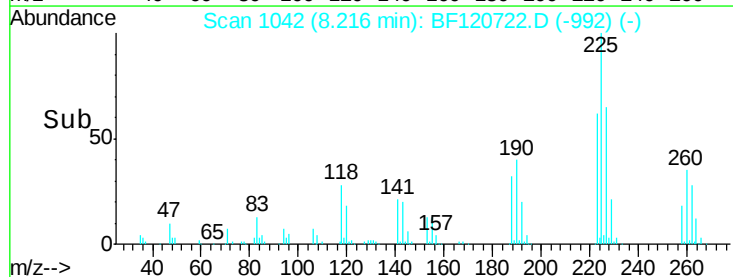
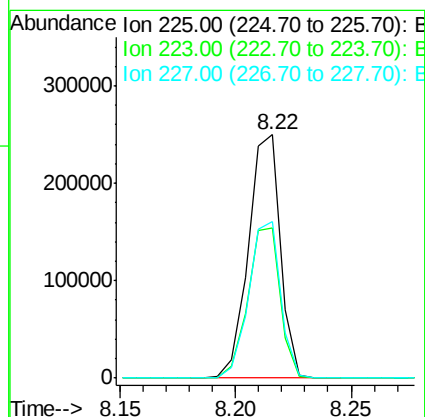
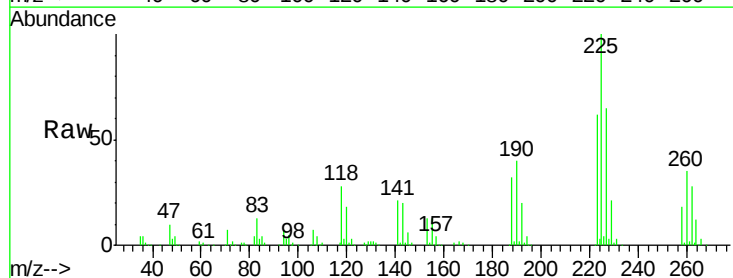
Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion:	127	Resp:	280842
Ion Ratio	Lower	Upper	
127	100		
129	32.4	25.9	38.9
65	27.6	22.2	33.4
92	17.4	14.2	21.2



#34
Hexachlorobutadiene
Concen: 43.544 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Tgt Ion:	225	Resp:	241355
Ion Ratio	Lower	Upper	
225	100		
223	61.7	49.9	74.9
227	64.5	50.5	75.7

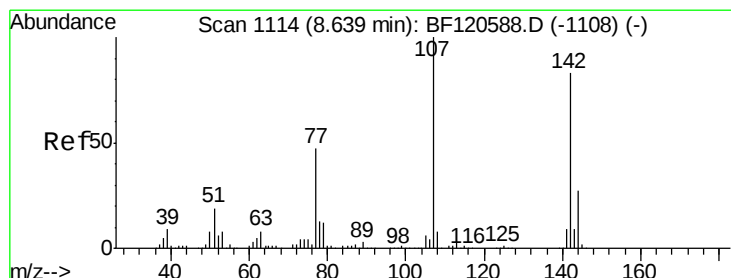
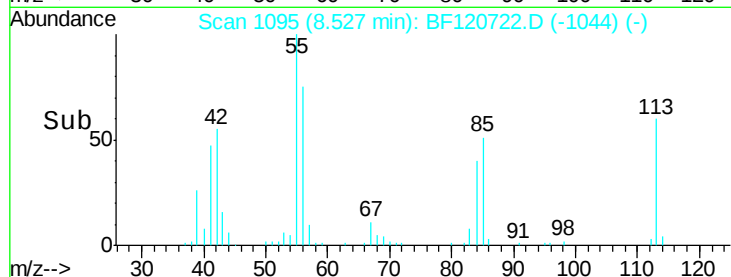
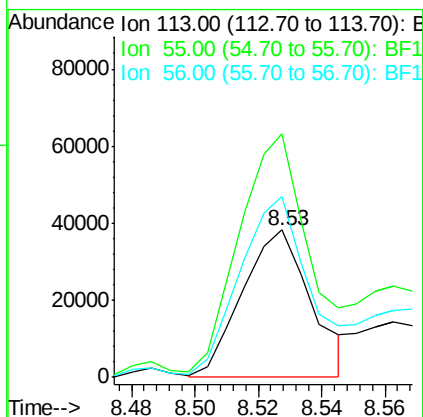
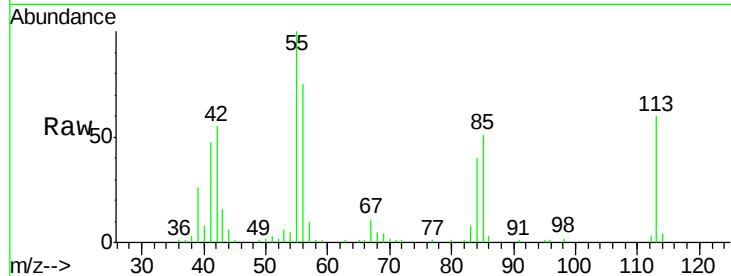




#35
 Caprolactam
 Concen: 20.903 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

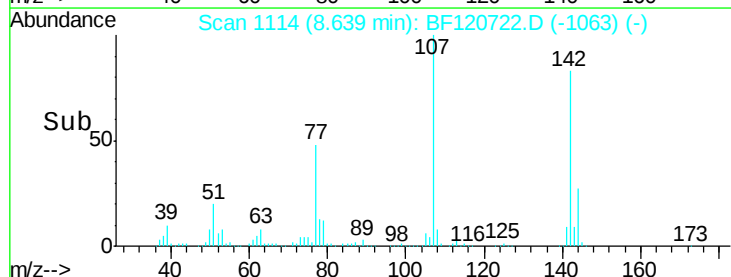
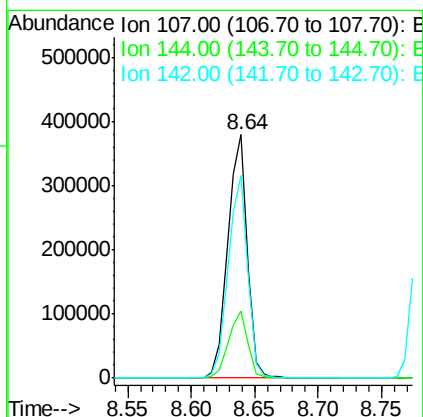
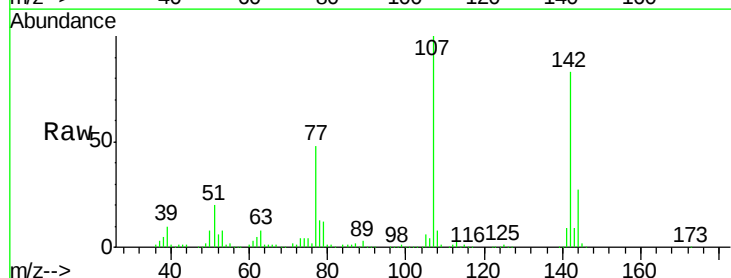
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

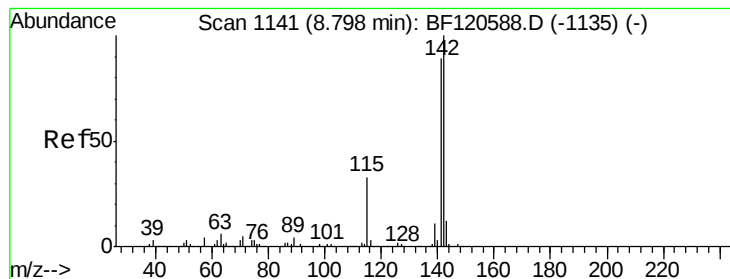
Tot Ion:113 Resp: 57364
 Ion Ratio Lower Upper
 113 100
 55 165.4 133.1 173.1
 56 123.3 98.4 138.4



#36
 4-Chloro-3-methylphenol
 Concen: 46.510 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Tgt Ion:107 Resp: 398697
 Ion Ratio Lower Upper
 107 100
 144 27.4 21.4 32.2
 142 83.4 66.3 99.5





#37

2-Methylnaphthalene

Concen: 47.640 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

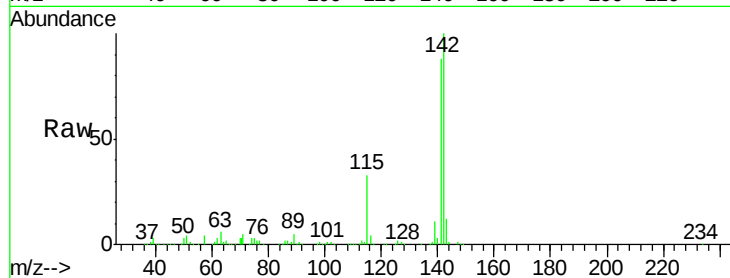
Tot Ion:142 Resp: 883922

Ion Ratio Lower Upper

142 100

141 88.1 71.4 107.0

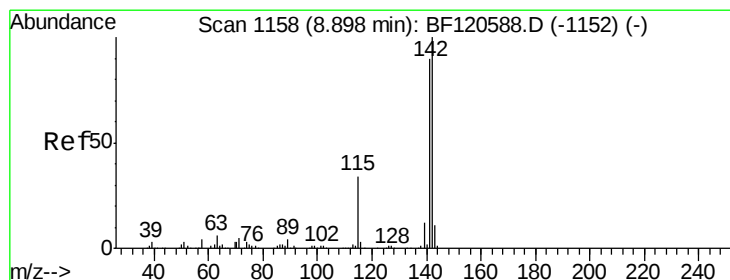
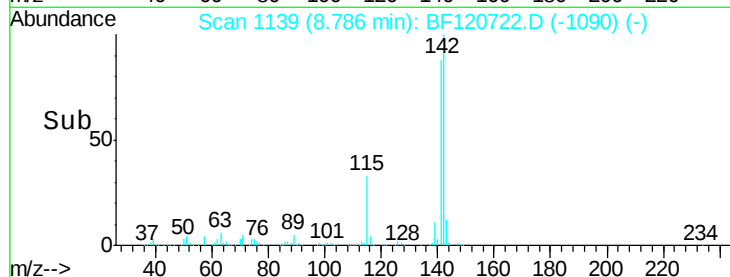
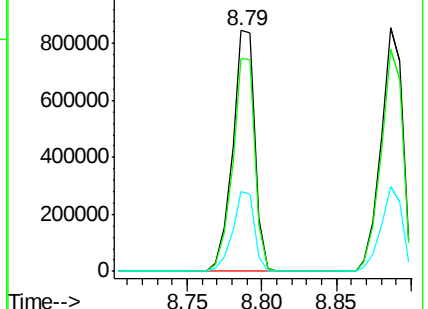
115 33.2 26.1 39.1



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



#38

1-Methylnaphthalene

Concen: 48.353 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

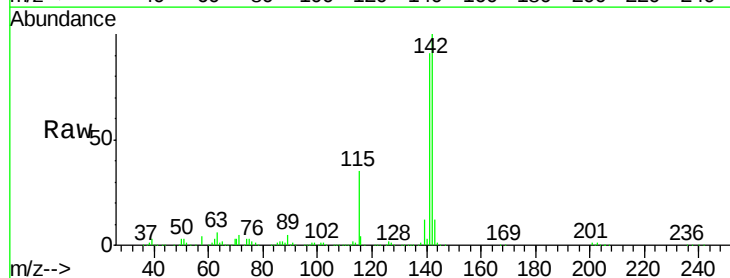
Tgt Ion:142 Resp: 844194

Ion Ratio Lower Upper

142 100

141 91.1 72.1 108.1

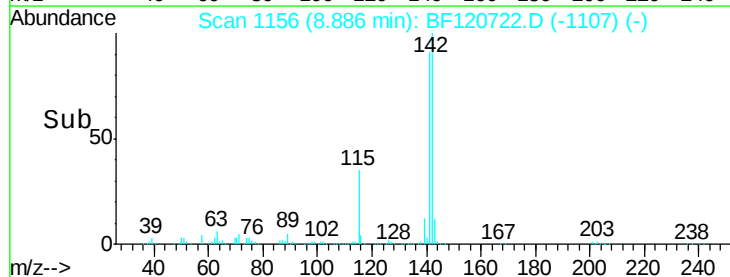
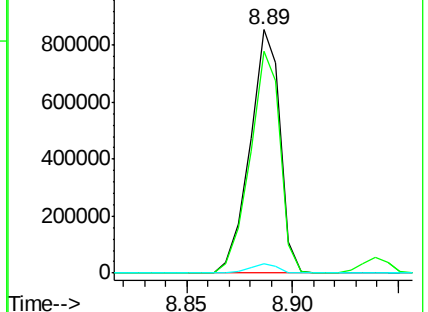
116 3.7 2.7 4.1

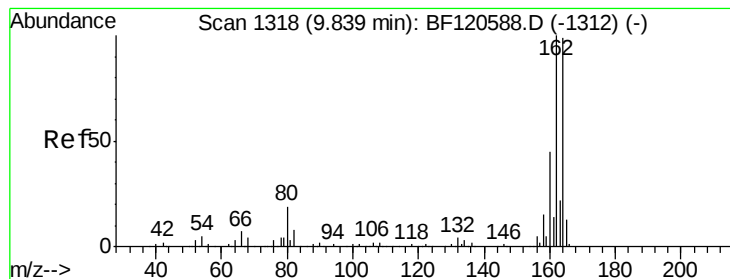


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

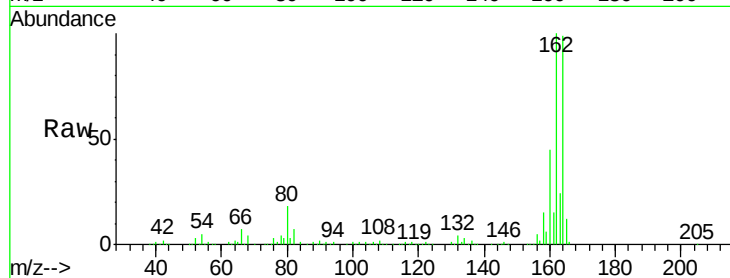
Tot Ion:164 Resp: 302246

Ion Ratio Lower Upper

164 100

162 101.1 80.6 120.8

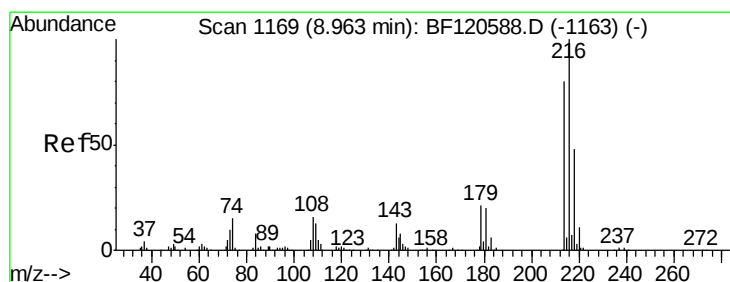
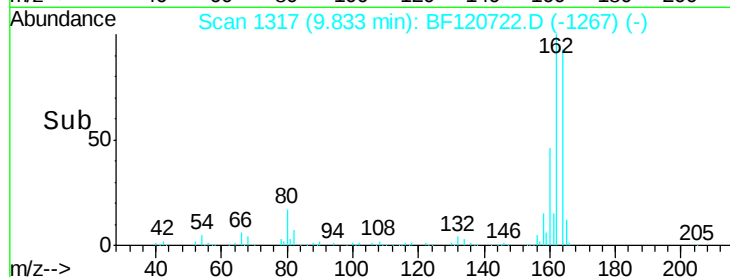
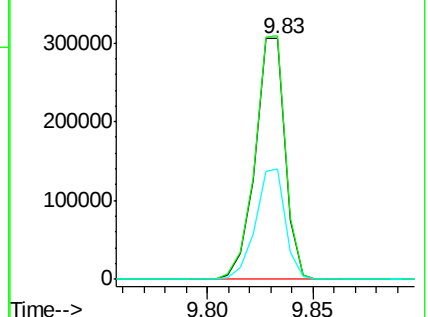
160 45.8 36.2 54.2



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.708 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Tgt Ion:216 Resp: 403480

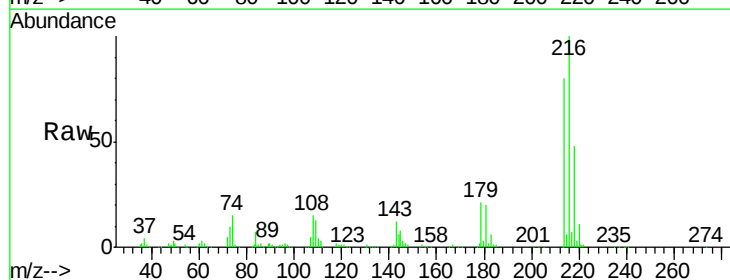
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.6

179 20.7 16.4 24.6

108 19.0 13.8 20.8

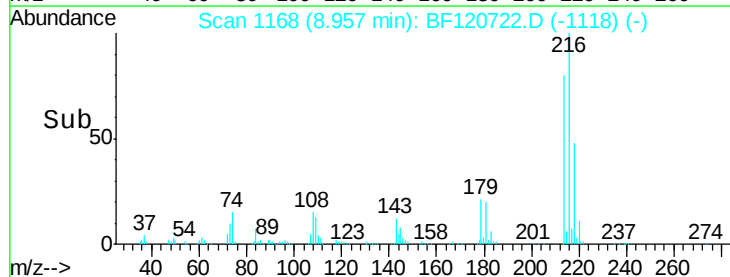
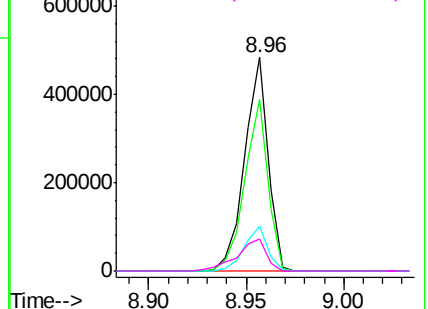


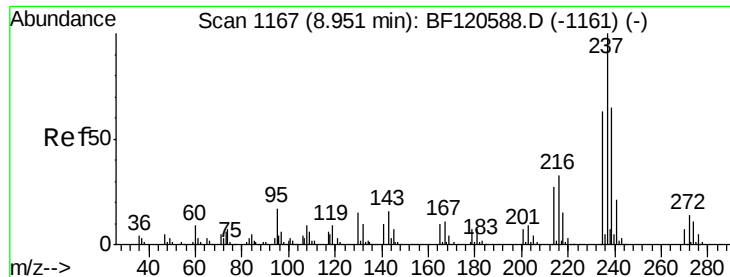
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 83.133 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

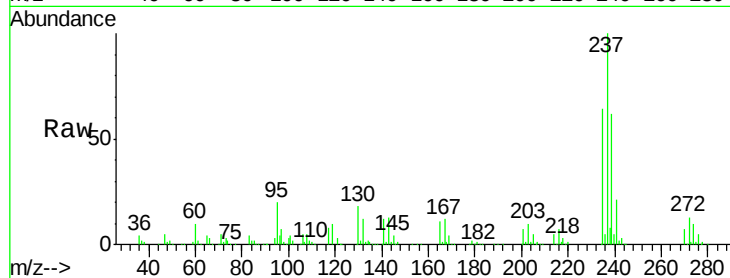
Tot Ion:237 Resp: 420426

Ion Ratio Lower Upper

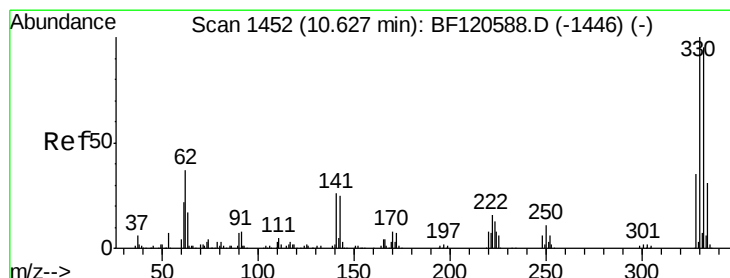
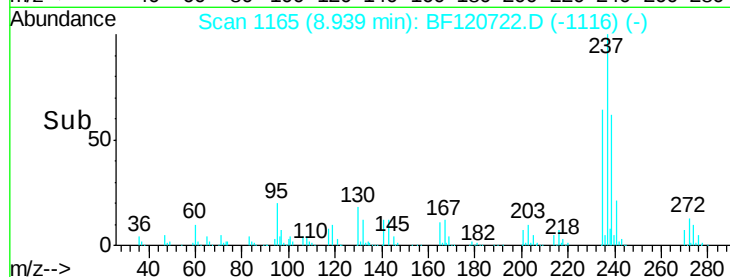
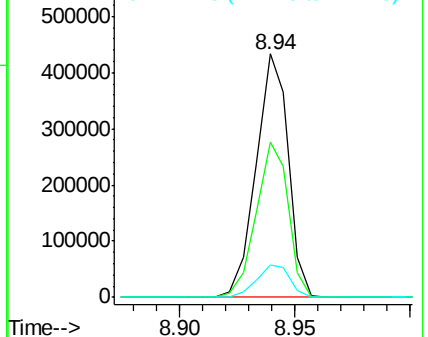
237 100

235 64.0 43.2 83.2

272 13.2 0.0 33.9



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 122.028 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

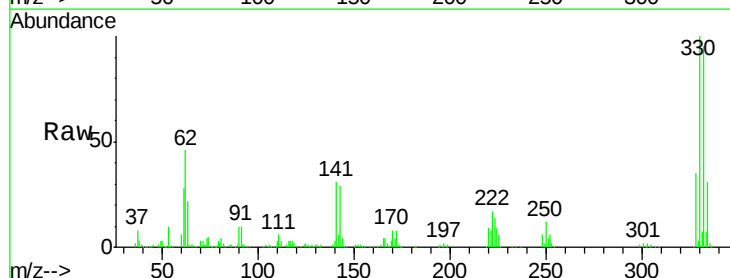
Tgt Ion:330 Resp: 428809

Ion Ratio Lower Upper

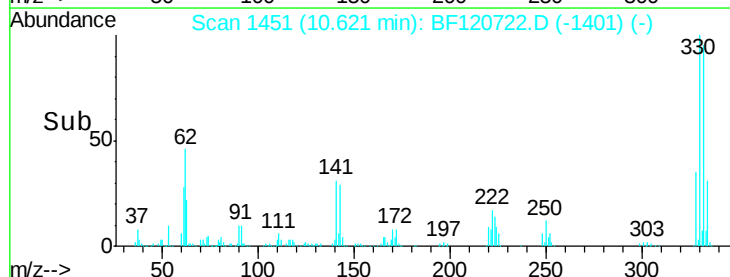
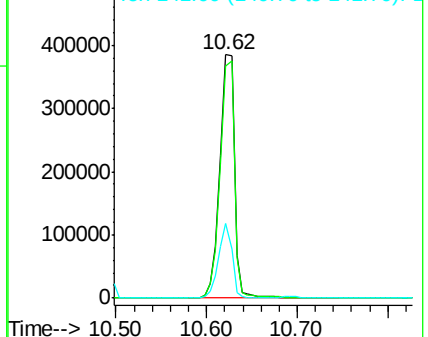
330 100

332 95.8 76.8 115.2

141 28.2 23.2 34.8



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

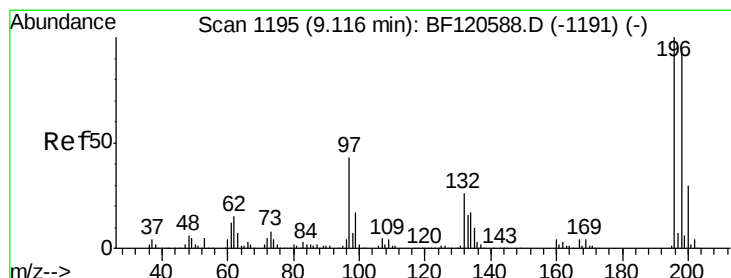
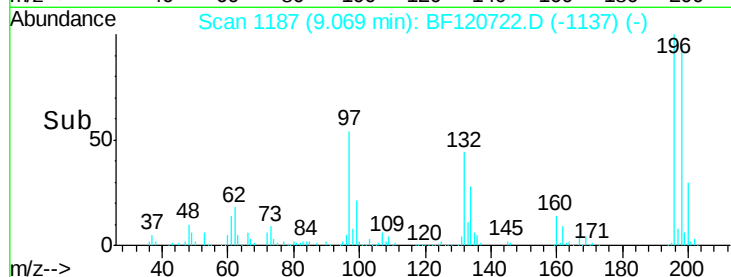
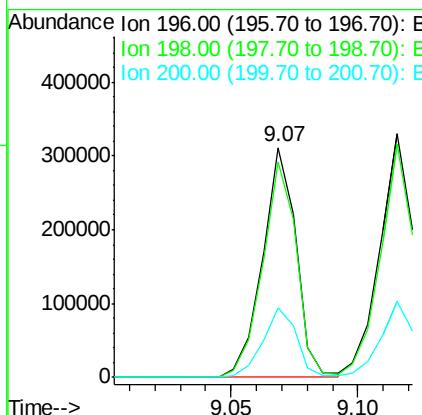
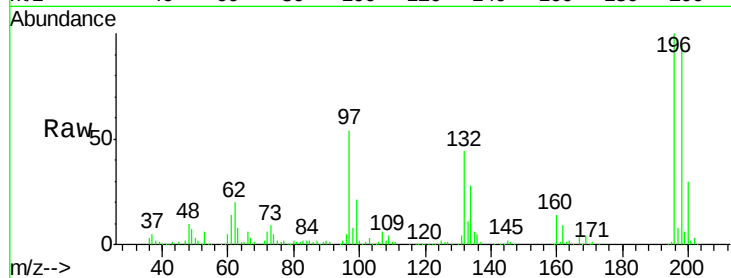




#43
 2,4,6-Trichlorophenol
 Concen: 45.128 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

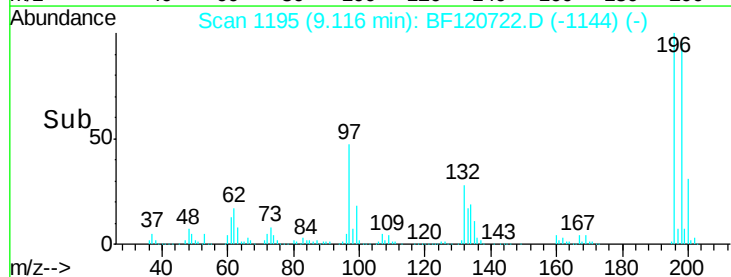
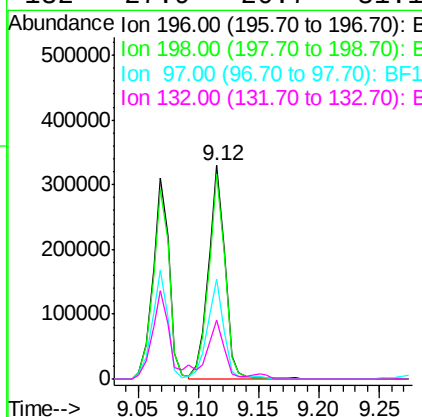
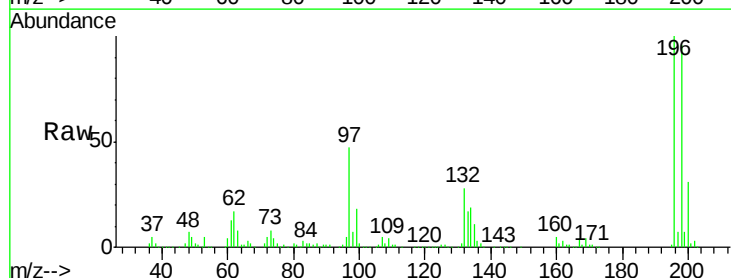
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

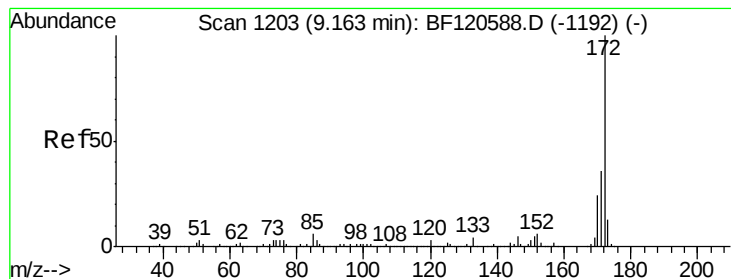
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.0	76.2	114.2
200	30.4	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 42.622 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	75.5	113.3
97	46.8	34.4	51.6
132	27.9	20.7	31.1



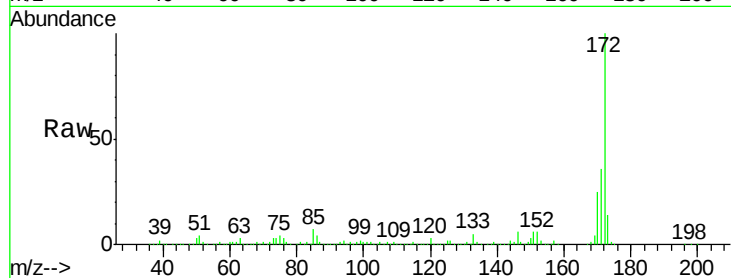


#45
2-Fluorobiphenyl
Concen: 83.012 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

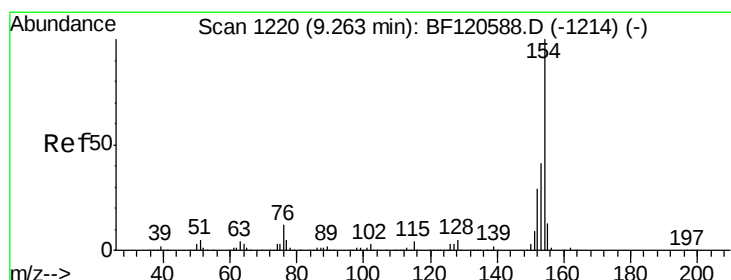
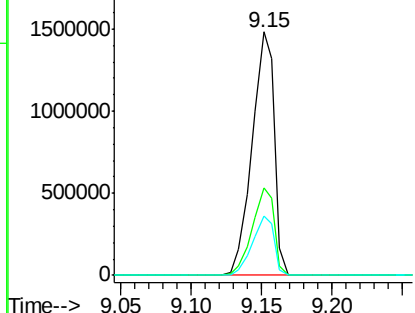
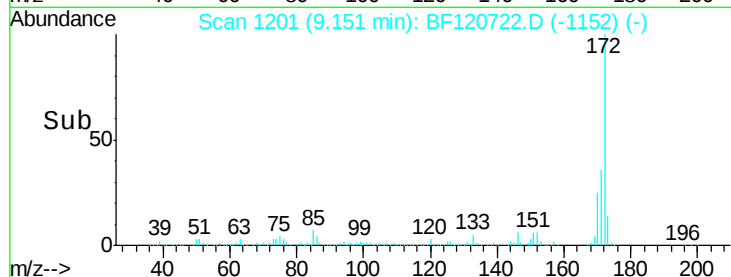
Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion:172 Resp: 1639882

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	24.5	19.4	29.2



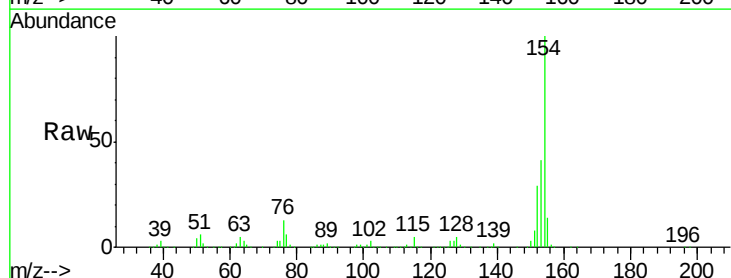
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



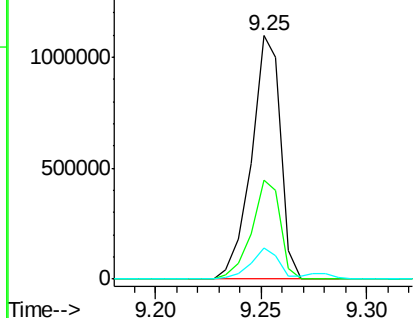
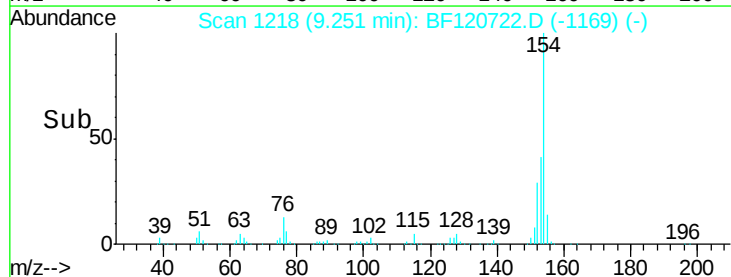
#46
1,1'-Biphenyl
Concen: 46.565 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

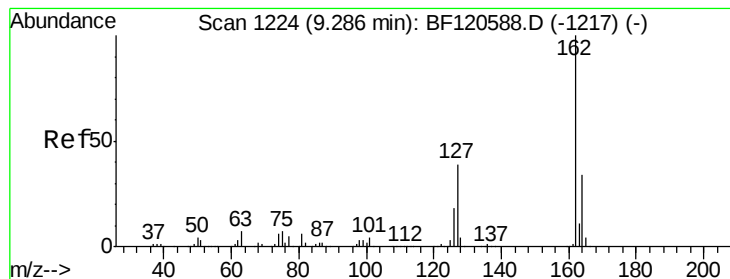
Tgt Ion:154 Resp: 1050918

Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.4	61.4
76	12.6	0.0	31.6



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: 45.138 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

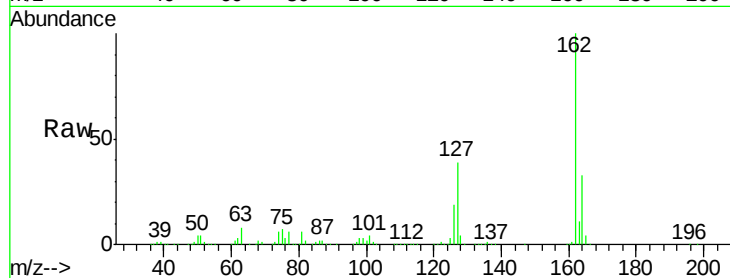
Tot Ion:162 Resp: 833043

Ion Ratio Lower Upper

162 100

127 38.7 31.3 46.9

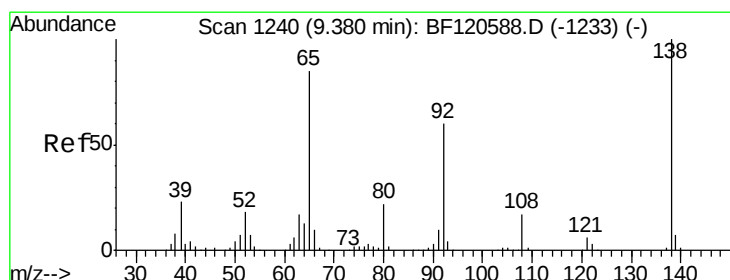
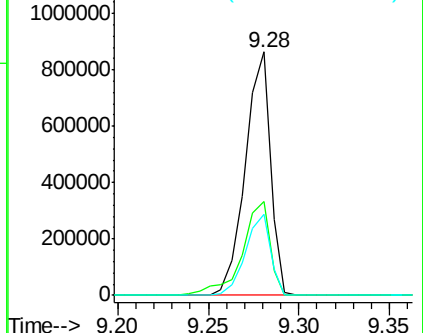
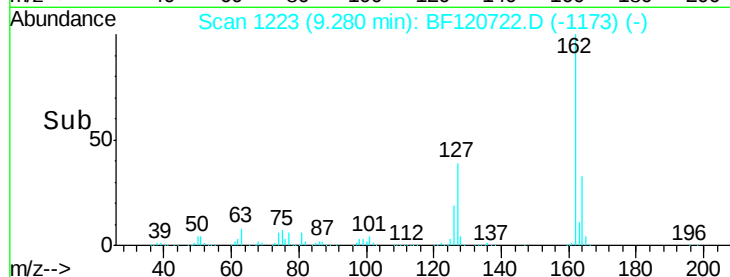
164 33.4 26.9 40.3



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: 44.405 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

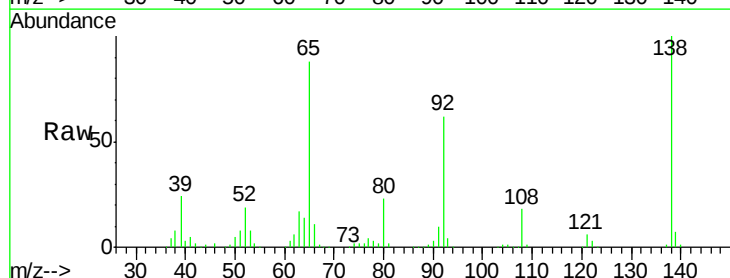
Tgt Ion: 65 Resp: 257384

Ion Ratio Lower Upper

65 100

92 70.5 56.0 84.0

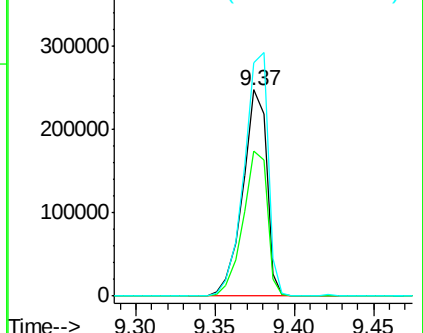
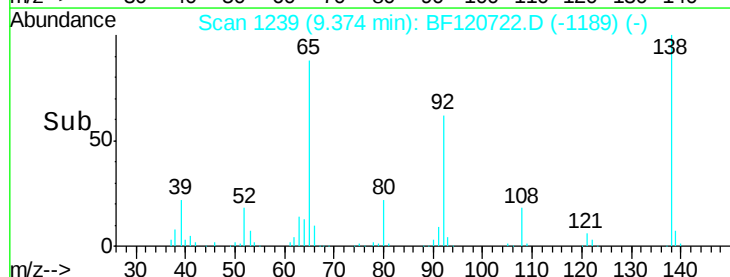
138 113.4 94.0 141.0

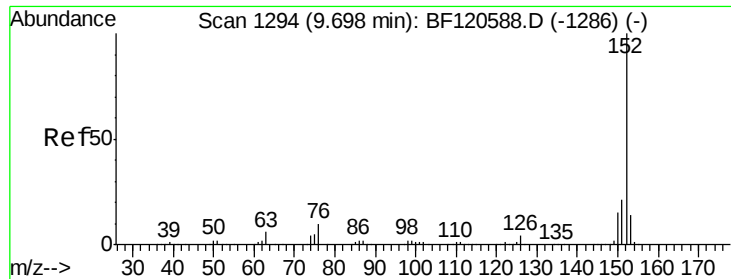


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.972 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

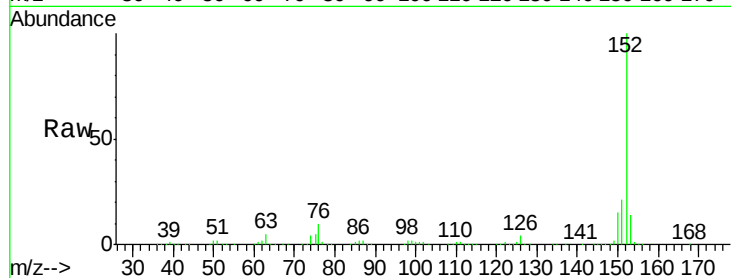
Tot Ion:152 Resp: 1309406

Ion Ratio Lower Upper

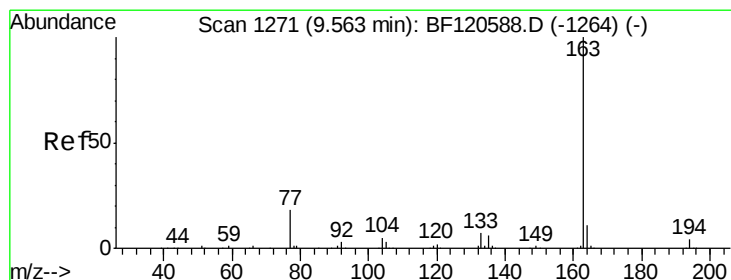
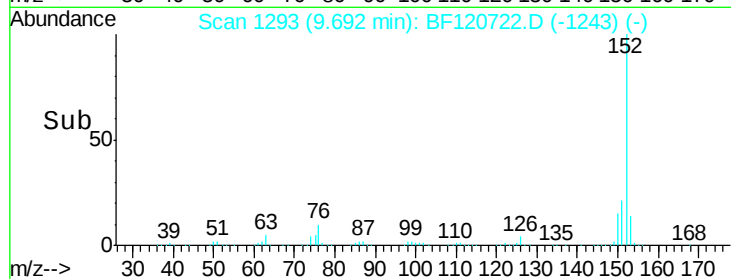
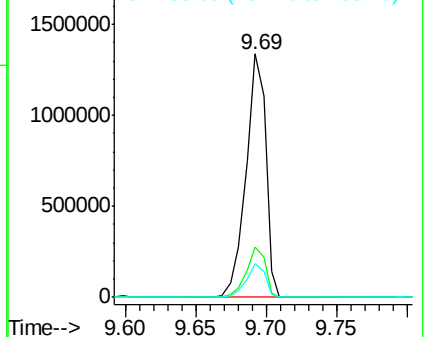
152 100

151 20.8 16.6 25.0

153 13.7 11.0 16.6



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: 50.884 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

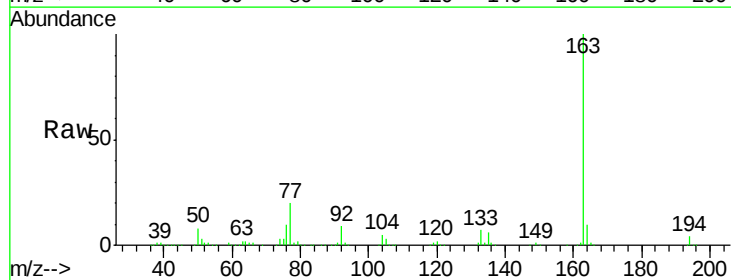
Tgt Ion:163 Resp: 1107632

Ion Ratio Lower Upper

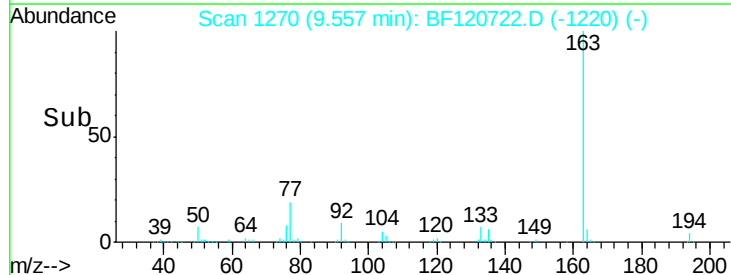
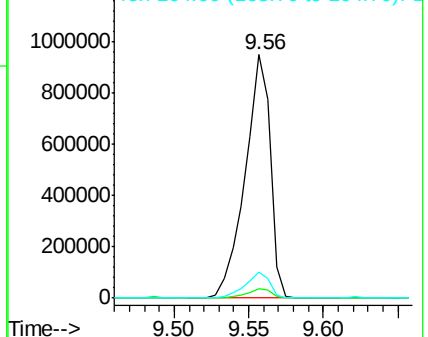
163 100

194 4.0 3.1 4.7

164 10.5 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

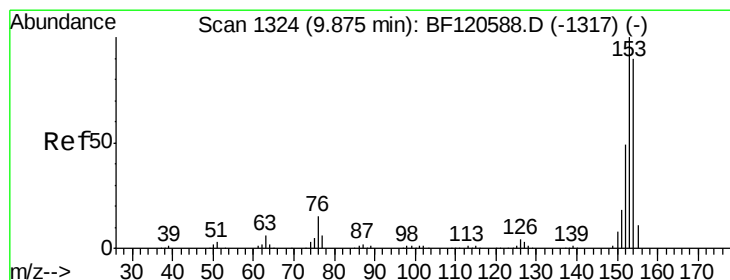
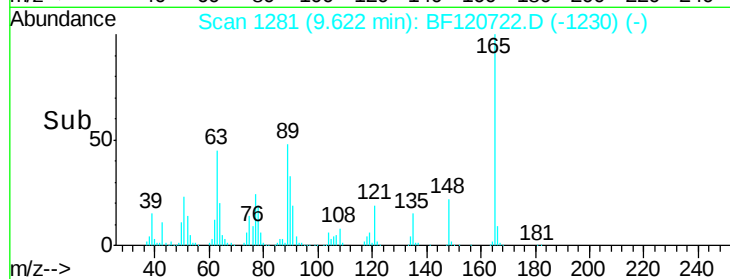
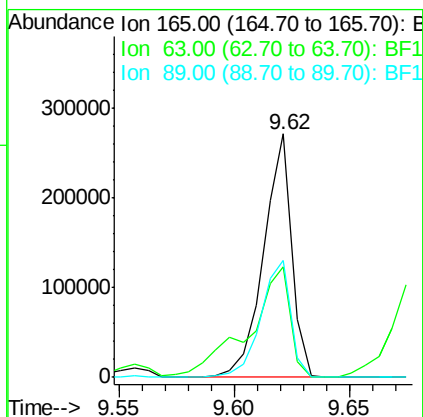
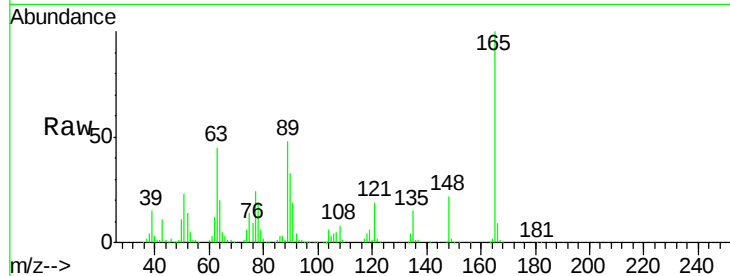




#51
2,6-Dinitrotoluene
Concen: 46.502 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

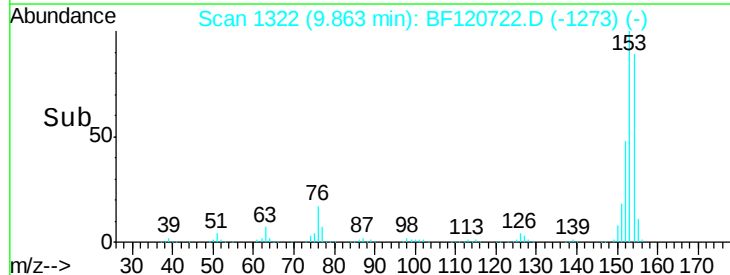
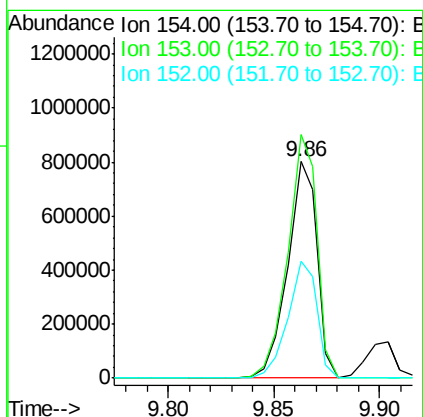
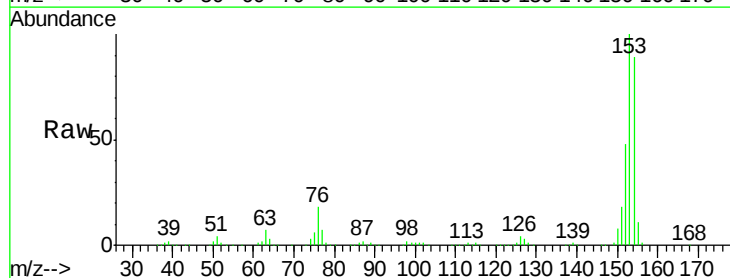
Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

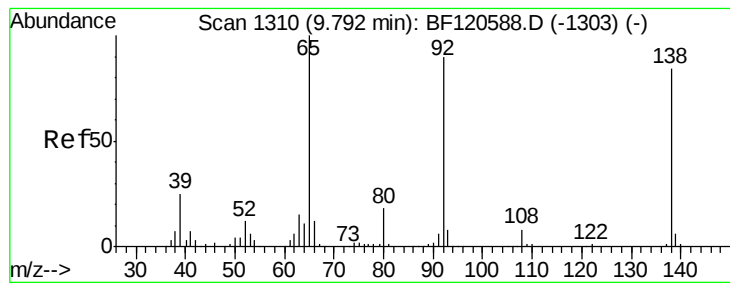
Tot Ion:165 Resp: 229402
Ion Ratio Lower Upper
165 100
63 45.3 41.7 62.5
89 47.9 42.6 64.0



#52
Acenaphthene
Concen: 45.856 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Tgt Ion:154 Resp: 778957
Ion Ratio Lower Upper
154 100
153 112.7 89.1 133.7
152 54.2 43.7 65.5





#53

3-Nitroaniline

Concen: 29.865 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

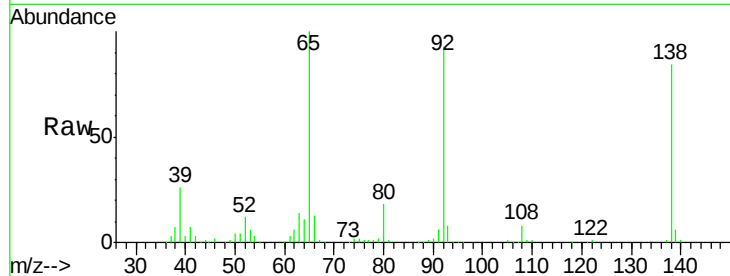
Tot Ion:138 Resp: 176956

Ion Ratio Lower Upper

138 100

108 9.7 8.0 12.0

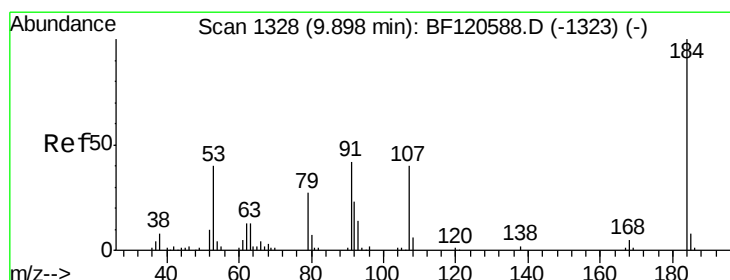
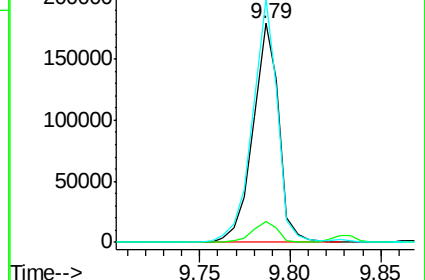
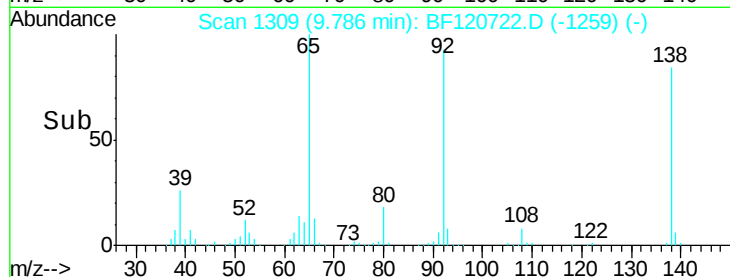
92 111.1 86.0 129.0



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



#54

2,4-Dinitrophenol

Concen: 87.246 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

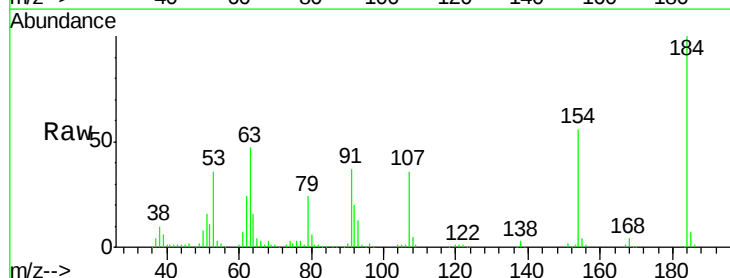
Tgt Ion:184 Resp: 253329

Ion Ratio Lower Upper

184 100

63 47.3 44.2 66.2

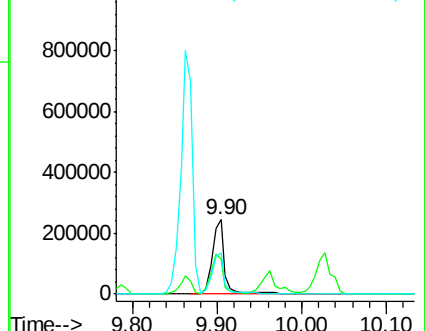
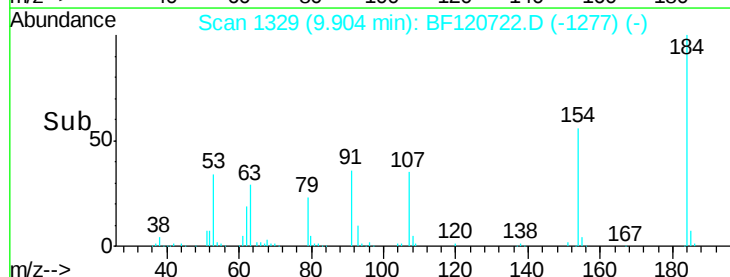
154 56.0 45.9 68.9

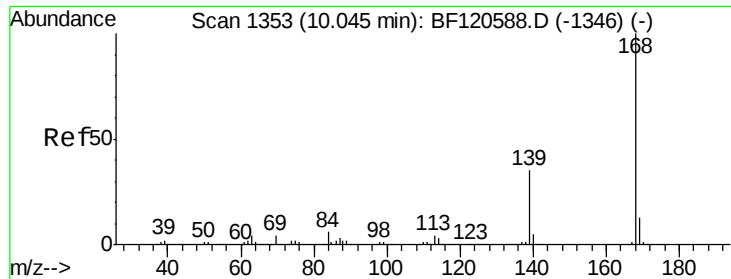


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

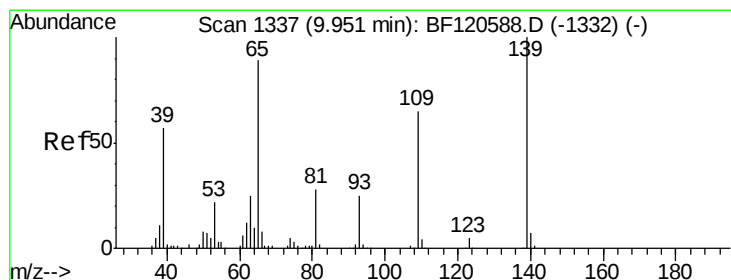
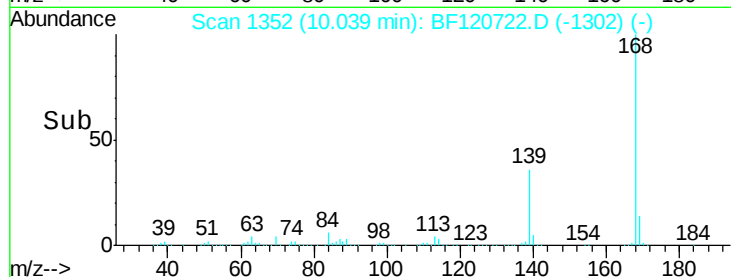
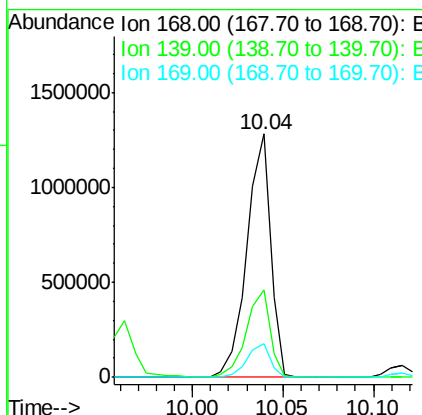
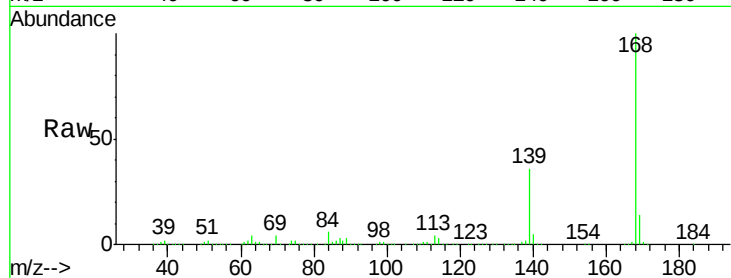




#55
Dibenzenofuran
Concen: 44.953 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

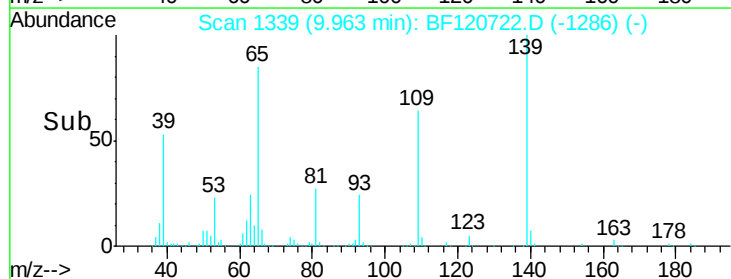
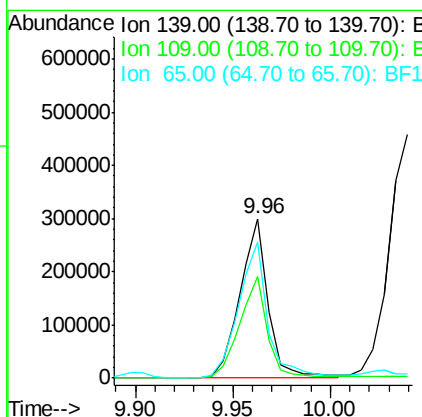
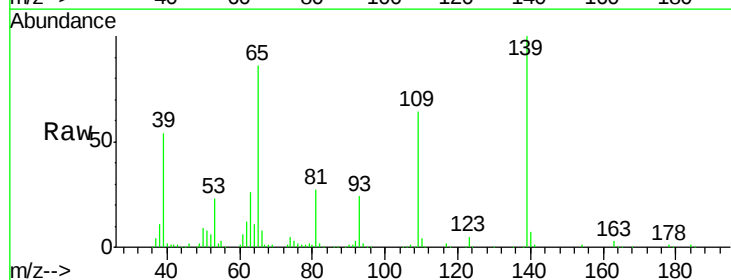
Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

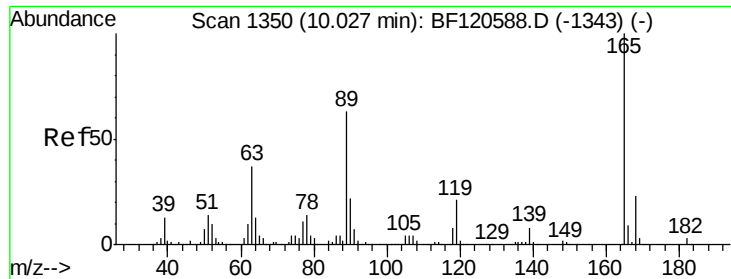
Tot Ion:168 Resp: 1170863
Ion Ratio Lower Upper
168 100
139 35.7 28.1 42.1
169 13.9 10.6 16.0



#56
4-Nitrophenol
Concen: 66.976 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Tgt Ion:139 Resp: 298889
Ion Ratio Lower Upper
139 100
109 63.5 44.6 84.6
65 85.5 69.2 109.2

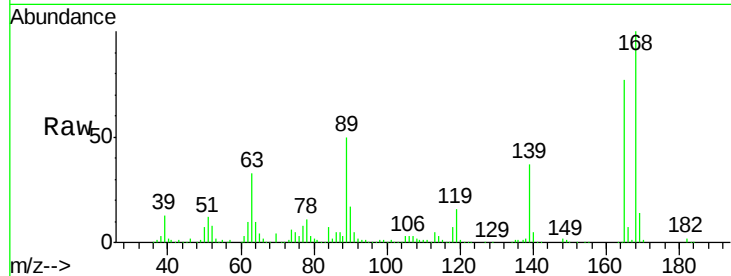




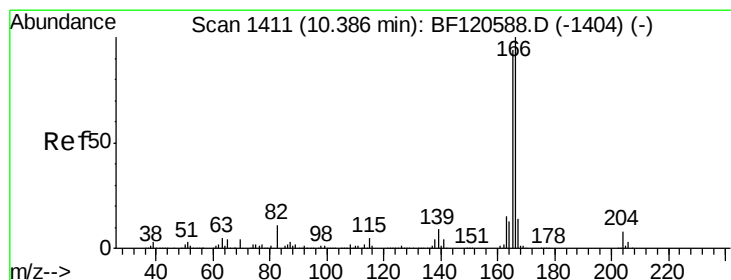
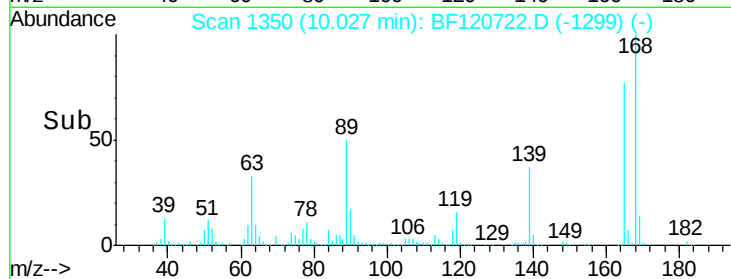
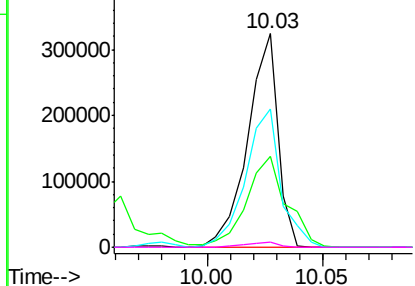
#57
2,4-Dinitrotoluene
Concen: 45.590 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion:165	Resp:	298434
Ion Ratio	Lower	Upper
165	100	
63	42.3	29.8 44.8
89	64.6	50.4 75.6
182	2.5	2.1 3.1

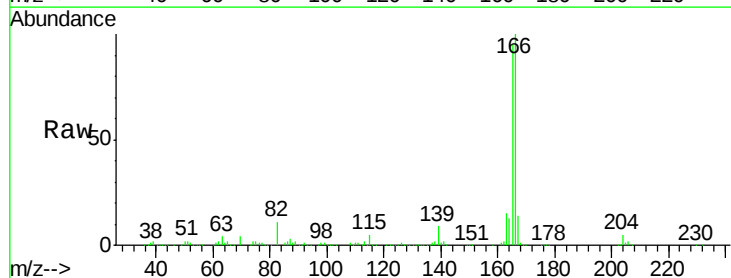


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

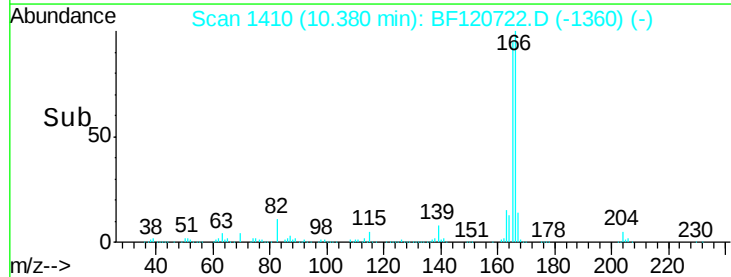
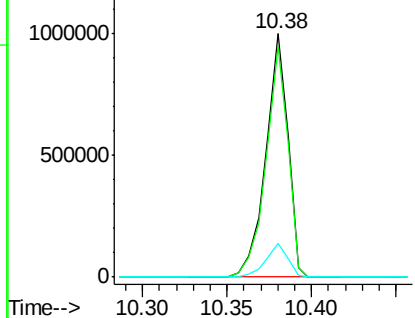


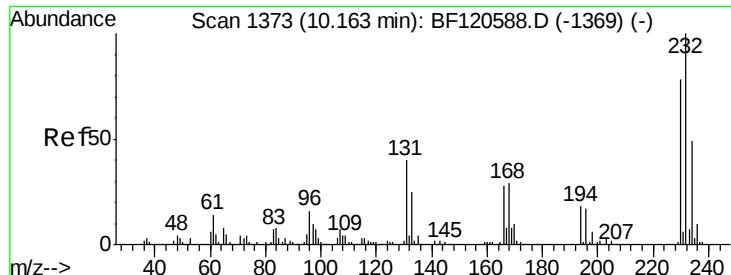
#58
Fluorene
Concen: 44.941 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Tgt Ion:166	Resp:	902368
Ion Ratio	Lower	Upper
166	100	
165	94.9	75.0 112.6
167	13.6	11.0 16.4



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

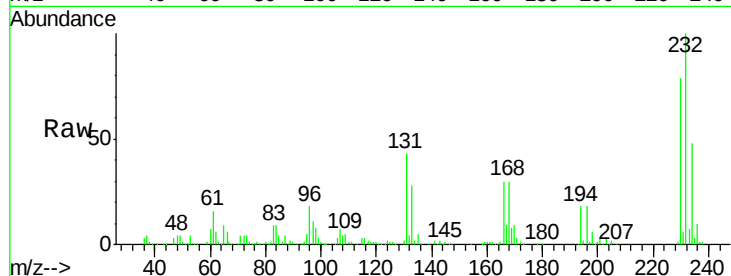




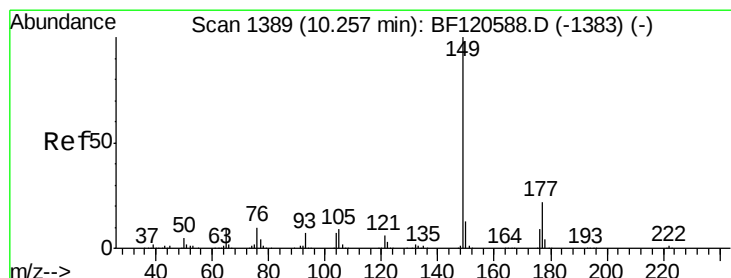
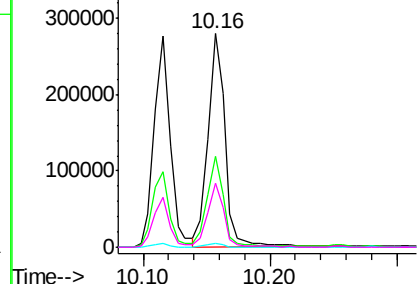
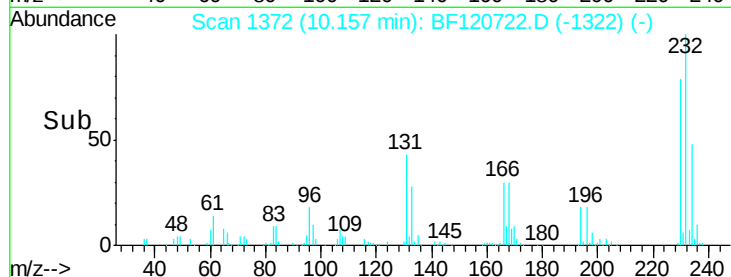
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.038 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.2	33.5	50.3
130	1.9	1.5	2.3
166	28.8	23.4	35.0

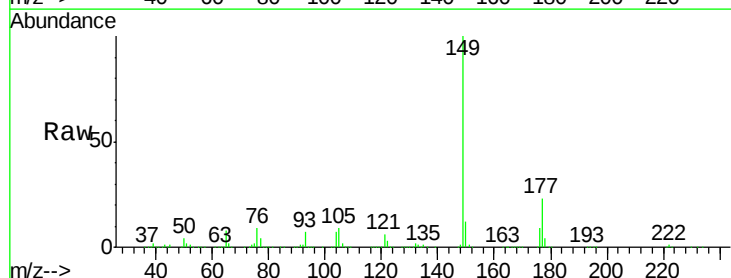


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

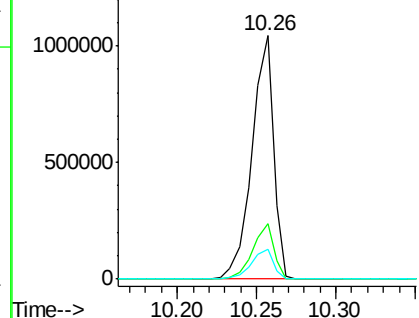
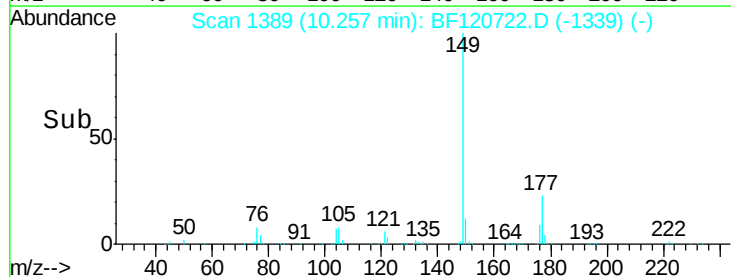


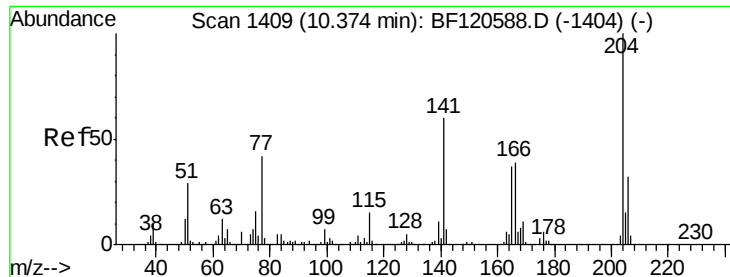
#60
 Diethylphthalate
 Concen: 45.869 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	17.3	25.9
150	12.4	10.3	15.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

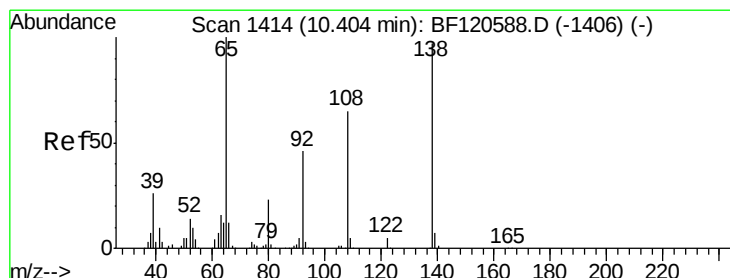
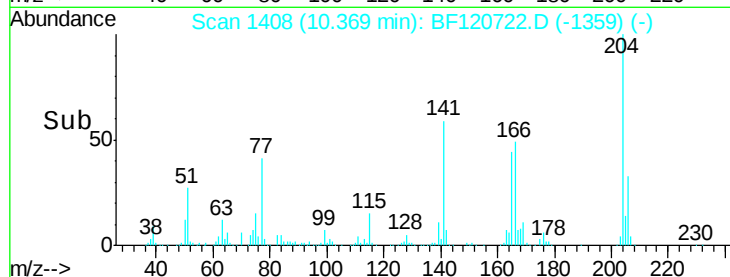
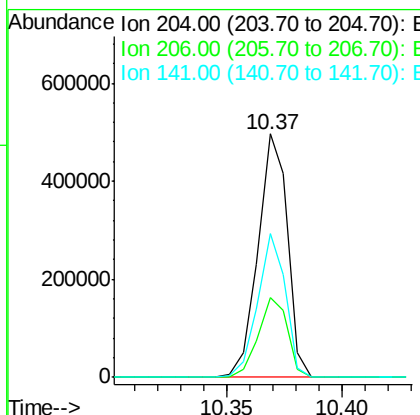
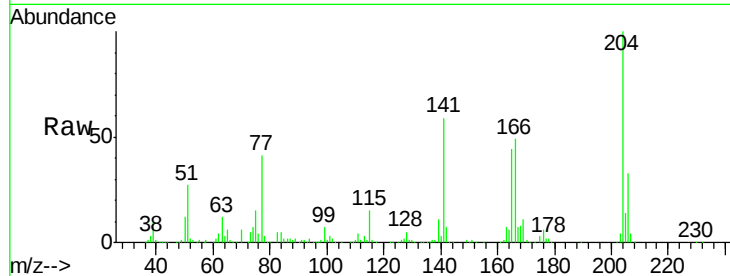




#61
 4-Chlorophenyl-phenylether
 Concen: 42.674 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

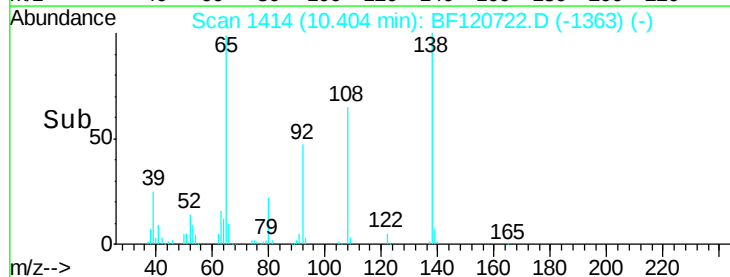
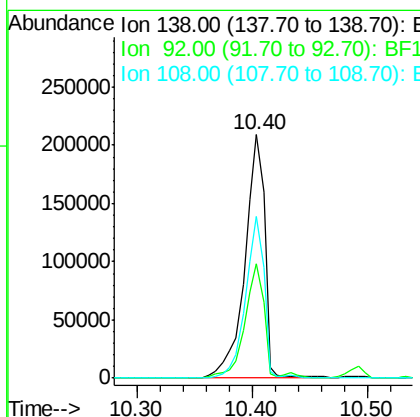
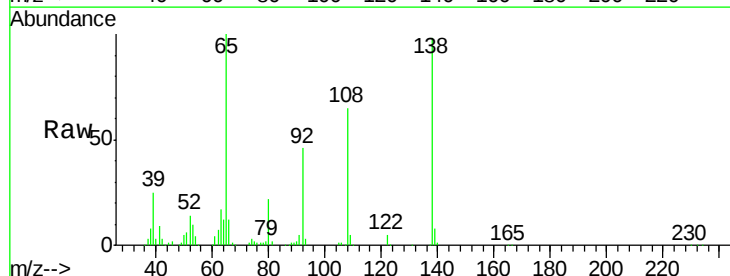
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

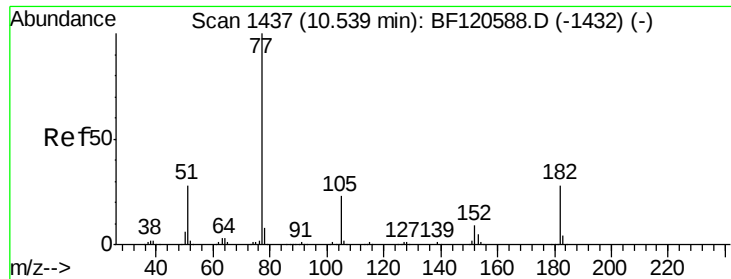
Tot Ion:204 Resp: 442493
 Ion Ratio Lower Upper
 204 100
 206 32.9 25.9 38.9
 141 59.1 47.6 71.4



#62
 4-Nitroaniline
 Concen: 42.216 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Tgt Ion:138 Resp: 248332
 Ion Ratio Lower Upper
 138 100
 92 46.8 27.3 67.3
 108 66.6 47.4 87.4





#63

Azobenzene

Concen: 46.137 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

Tot Ion: 77 Resp: 897862

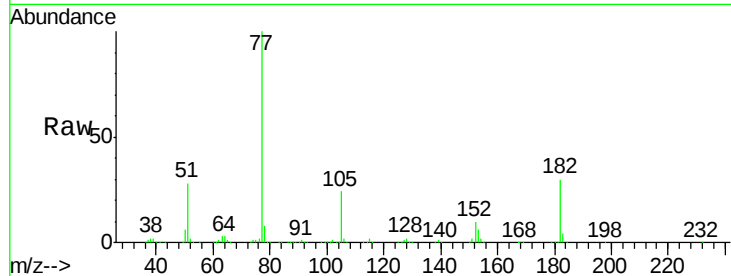
Ion Ratio Lower Upper

77 100

182 29.9 7.7 47.7

105 24.2 3.2 43.2

51 28.1 8.5 48.5

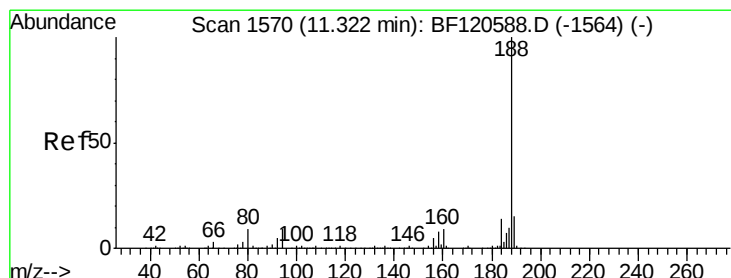
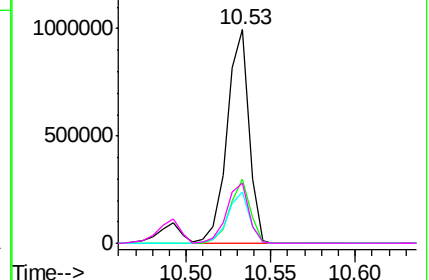
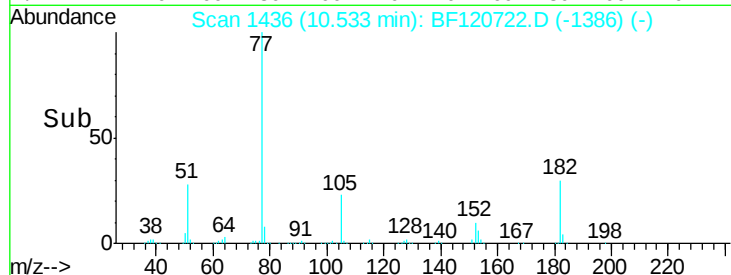


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

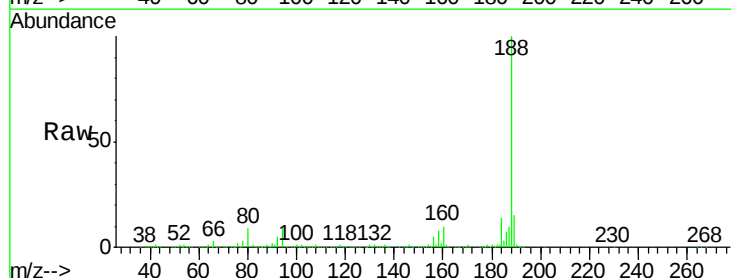
Tgt Ion: 188 Resp: 590485

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

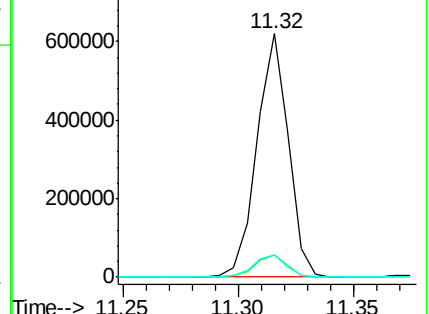
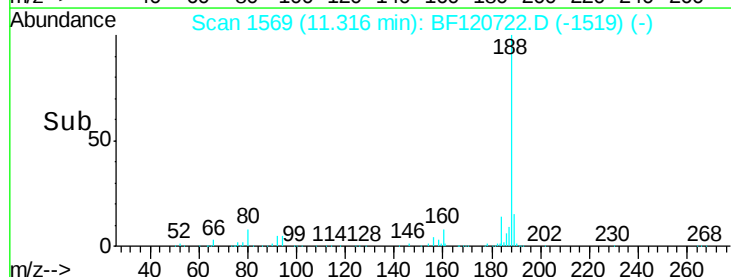
80 9.2 7.4 11.2

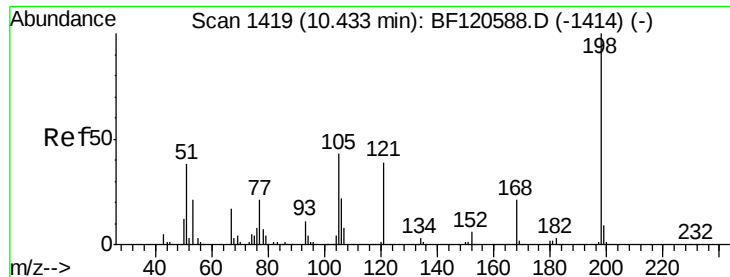


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

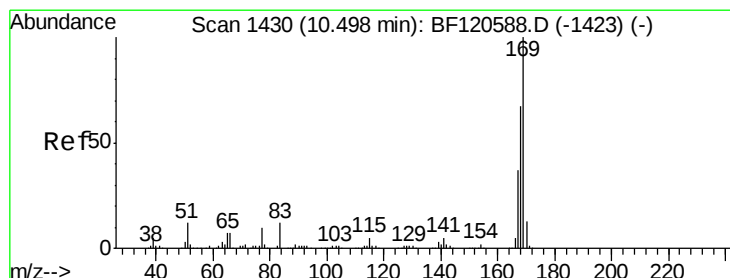
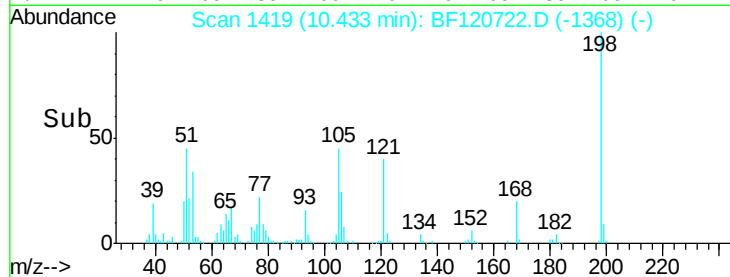
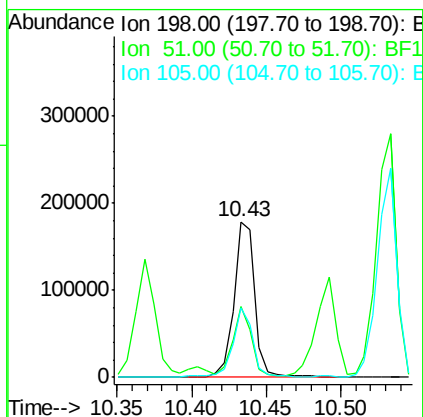
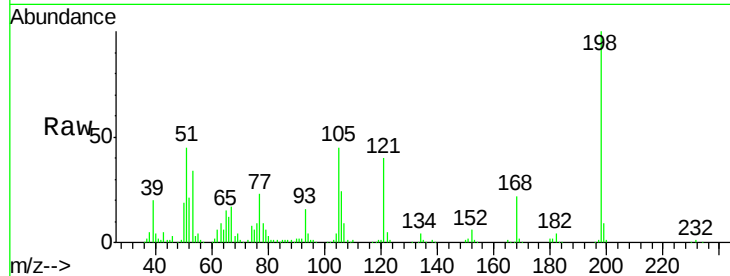




#65
 4,6-Dinitro-2-methylphenol
 Concen: 49.770 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.00 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

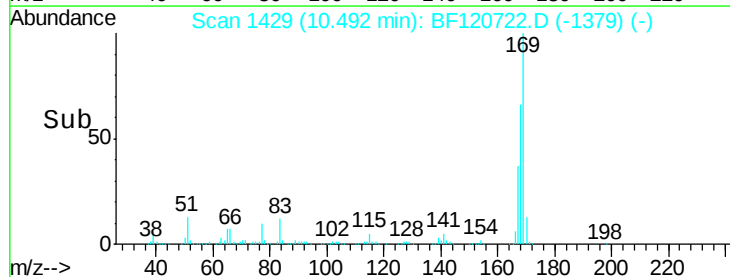
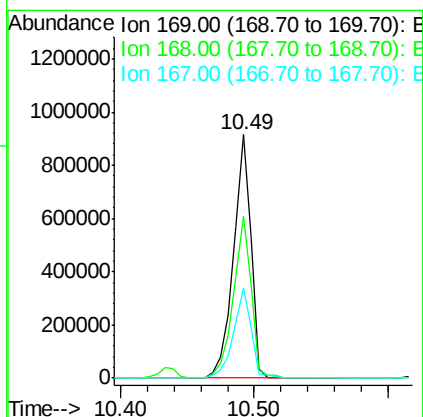
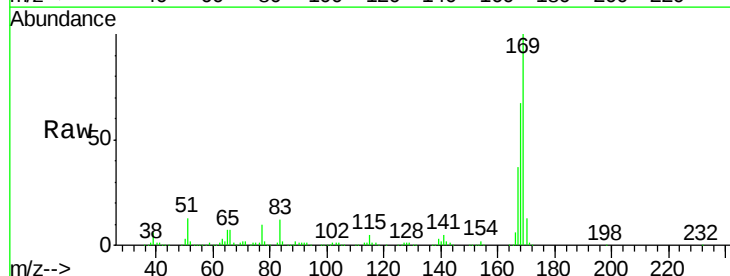
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

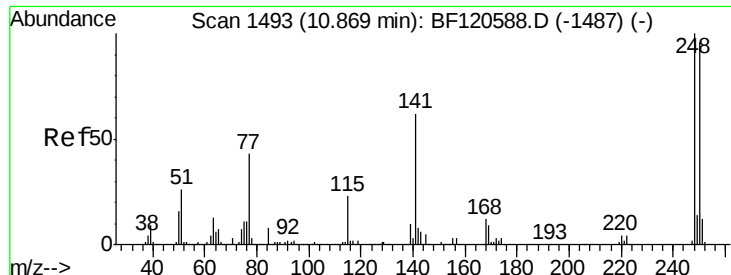
Tot Ion:198 Resp: 176342
 Ion Ratio Lower Upper
 198 100
 51 45.5 24.8 64.8
 105 45.1 23.9 63.9



#66
 n-Nitrosodiphenylamine
 Concen: 46.716 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Tgt Ion:169 Resp: 847113
 Ion Ratio Lower Upper
 169 100
 168 66.6 53.7 80.5
 167 36.8 29.9 44.9

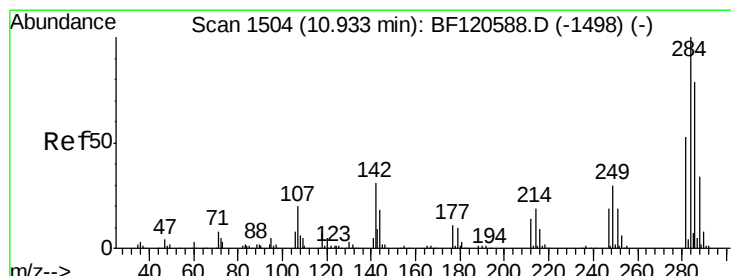
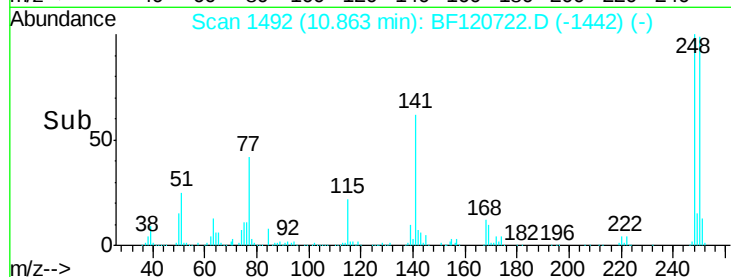
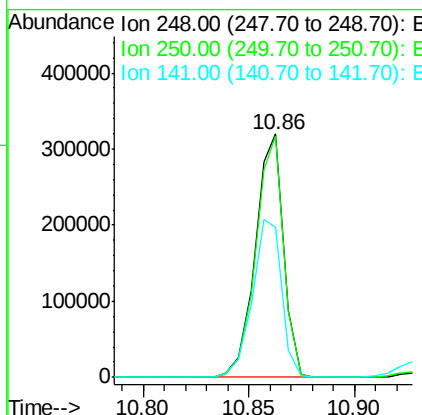
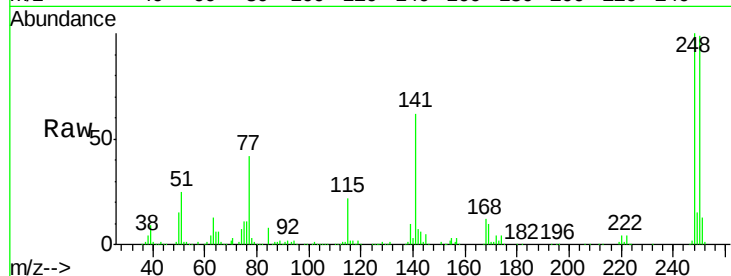




#67
4-Bromophenyl-phenylether
Concen: 44.313 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

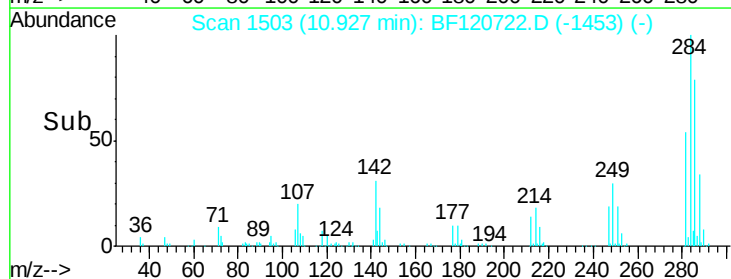
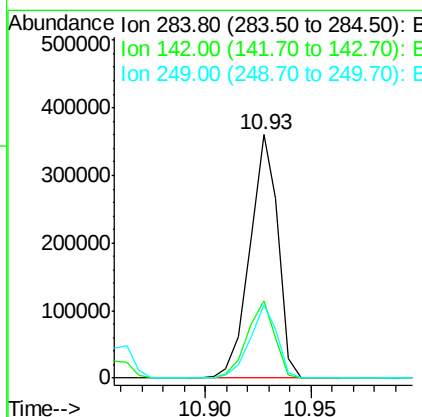
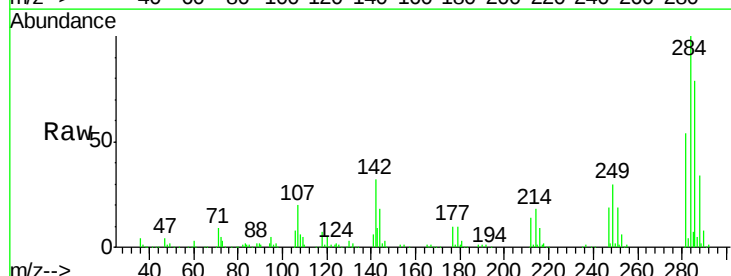
Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

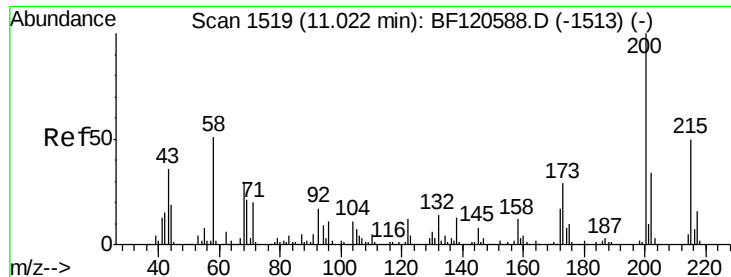
Tot Ion:248 Resp: 296966
Ion Ratio Lower Upper
248 100
250 98.8 76.7 115.1
141 61.5 49.4 74.0



#68
Hexachlorobenzene
Concen: 46.103 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Tgt Ion:284 Resp: 332181
Ion Ratio Lower Upper
284 100
142 31.6 25.1 37.7
249 30.3 24.0 36.0

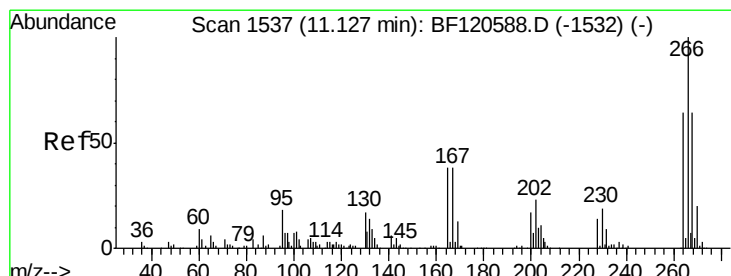
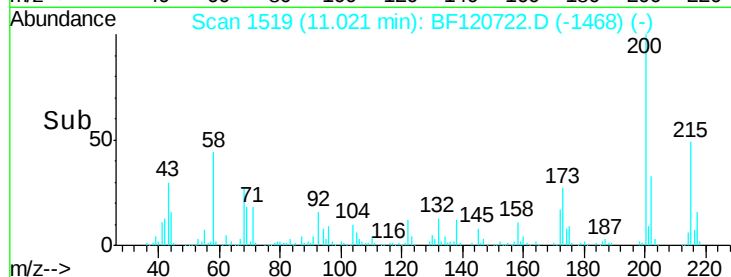
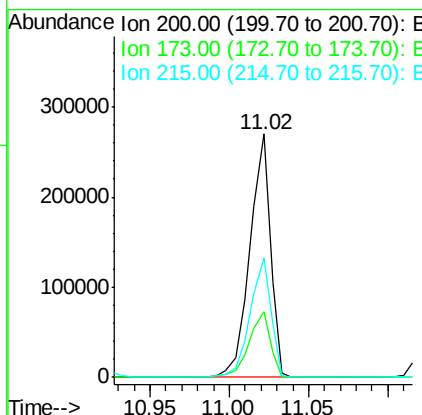
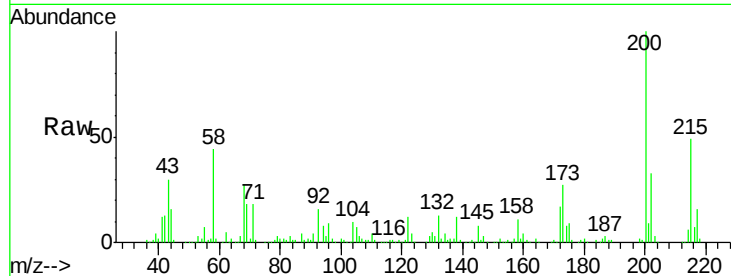




#69
 Atrazine
 Concen: 43.397 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

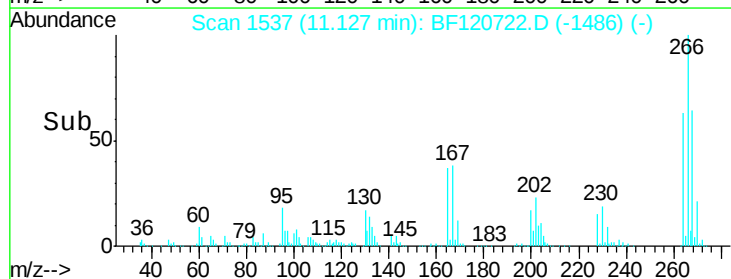
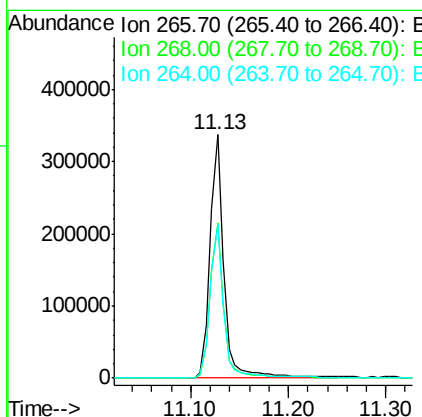
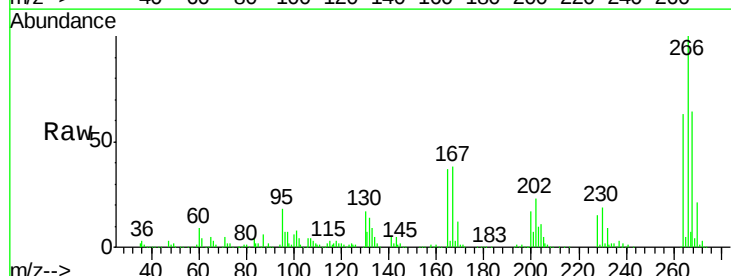
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

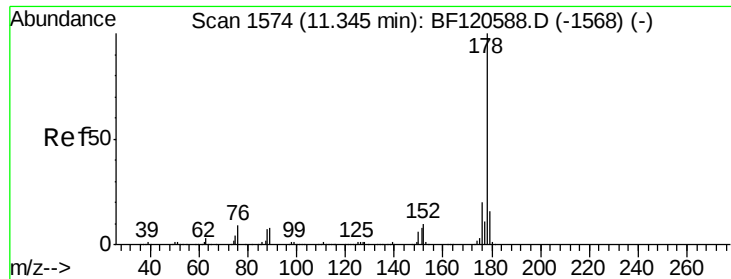
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	9.1	49.1
215	48.9	29.8	69.8



#70
 Pentachlorophenol
 Concen: 84.284 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.4	77.0
264	63.2	50.8	76.2

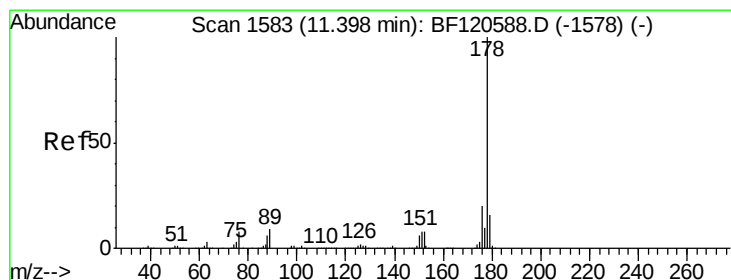
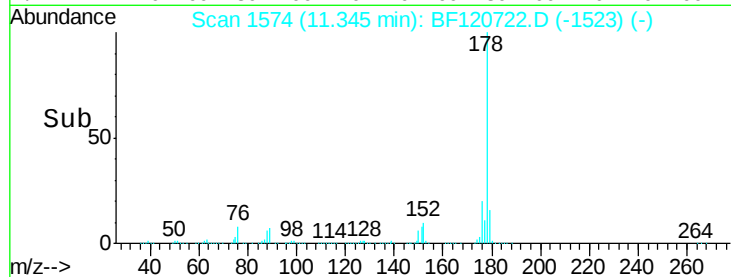
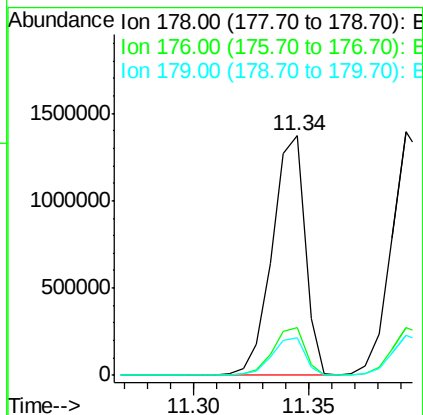
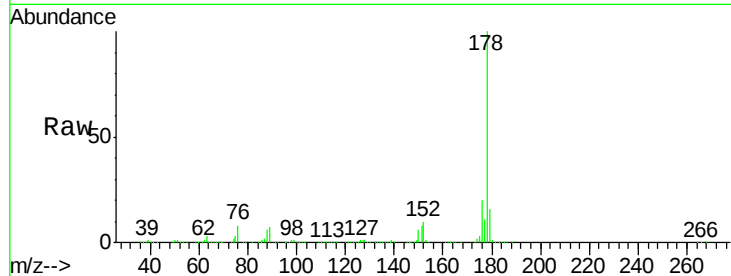




#71
 Phenanthrene
 Concen: 46.266 ng
 RT: 11.34 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

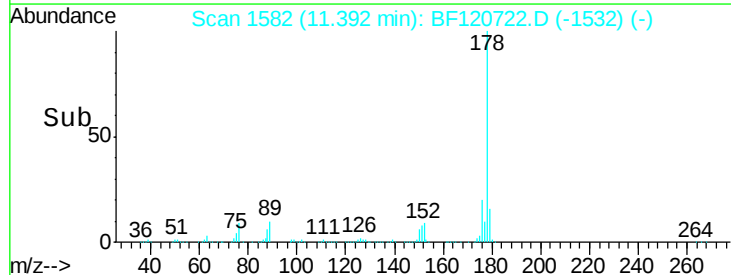
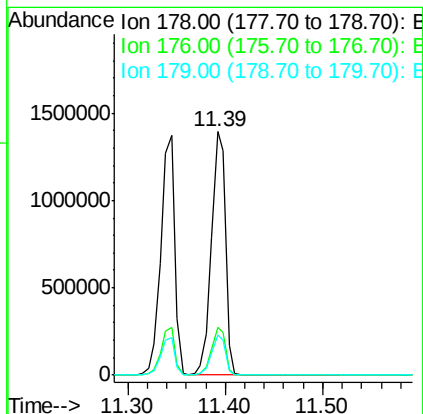
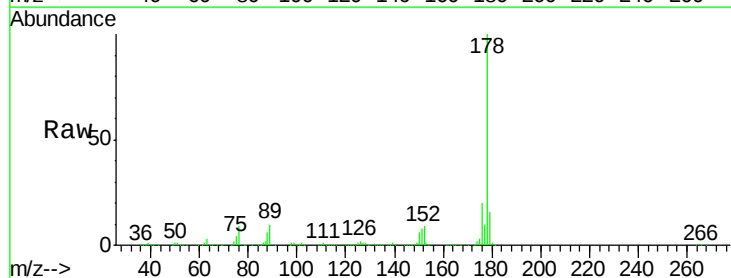
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

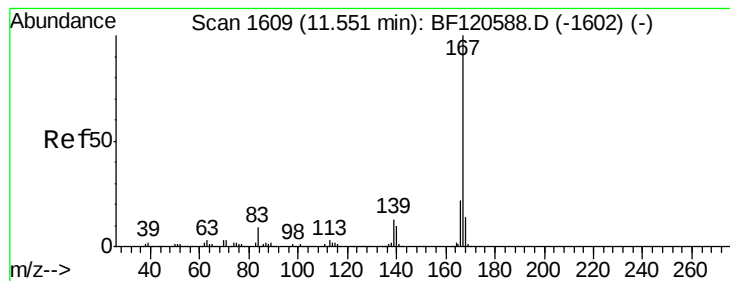
Tot Ion:178 Resp: 1358027
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.9 23.9
 179 15.6 12.8 19.2



#72
 Anthracene
 Concen: 47.299 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Tgt Ion:178 Resp: 1399447
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.6 23.4
 179 16.2 12.9 19.3





#73

Carbazole

Concen: 44.559 ng

RT: 11.55 min Scan# 1609

Delta R.T. 0.00 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

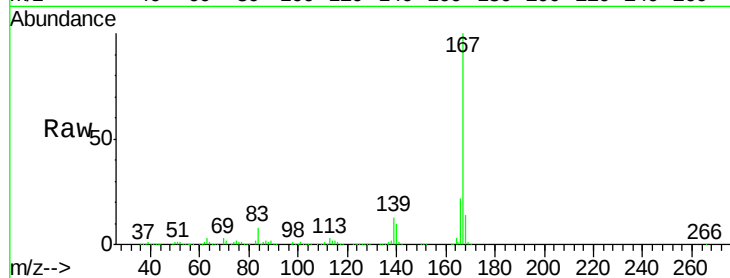
Tot Ion:167 Resp: 1305054

Ion Ratio Lower Upper

167 100

166 22.3 17.2 25.8

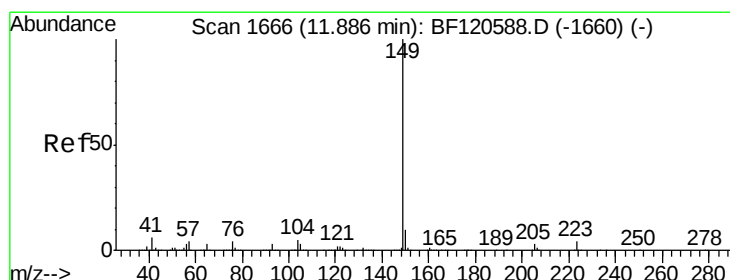
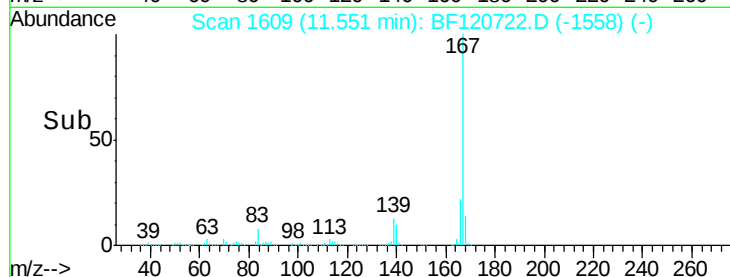
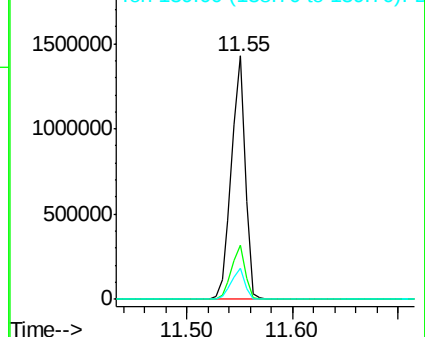
139 12.6 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 47.225 ng

RT: 11.88 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

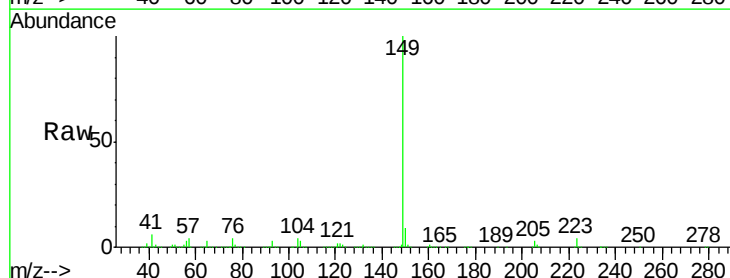
Tgt Ion:149 Resp: 1554993

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

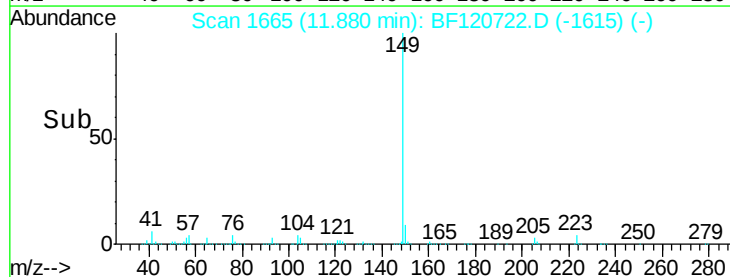
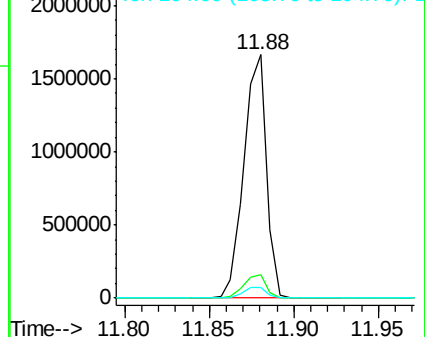
104 4.4 3.7 5.5

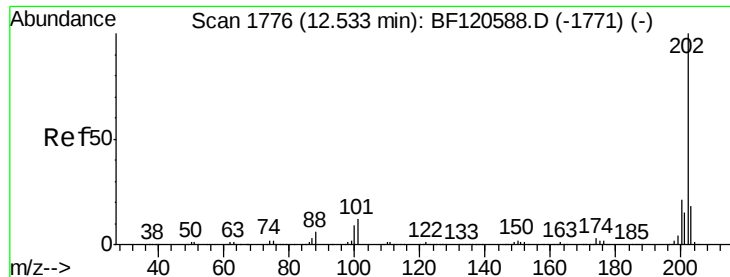


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

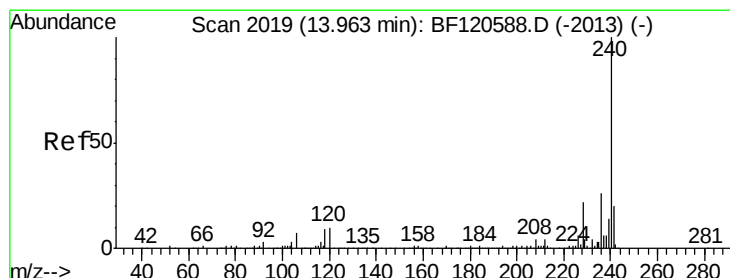
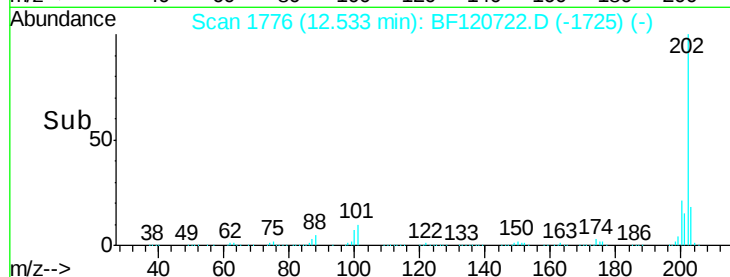
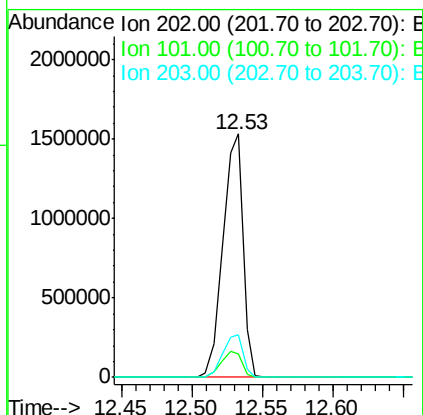
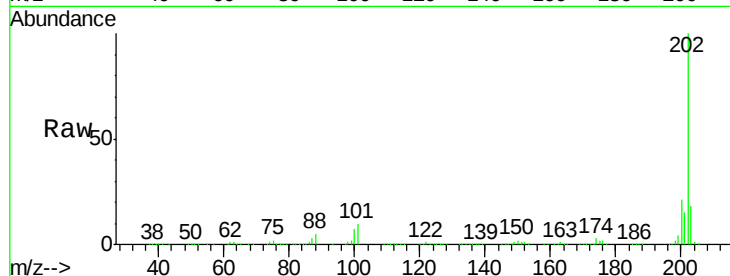




#75
 Fluoranthene
 Concen: 45.070 ng
 RT: 12.53 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

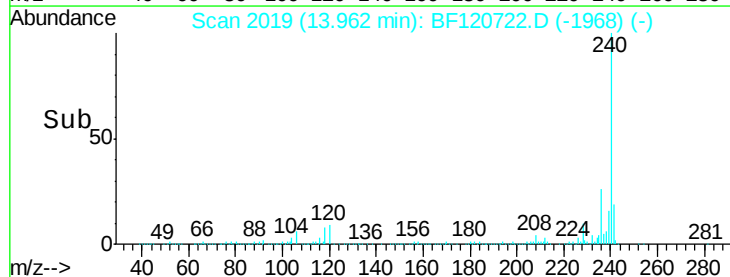
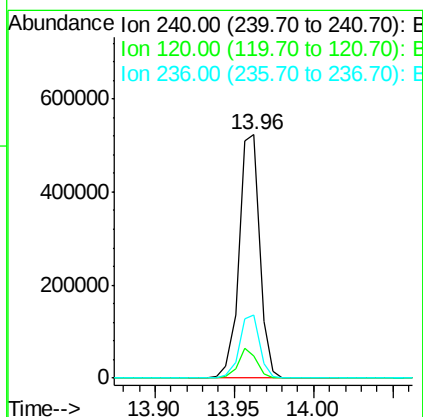
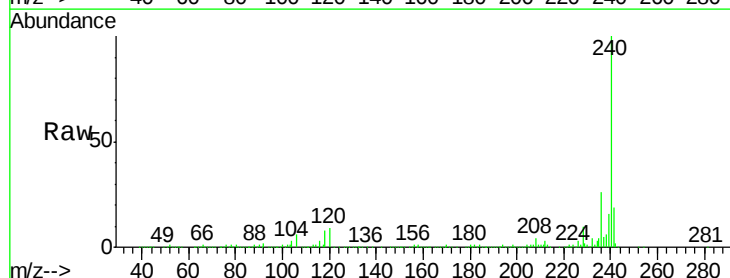
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

Tot Ion:202 Resp: 1512547
 Ion Ratio Lower Upper
 202 100
 101 9.6 0.0 32.0
 203 17.5 0.0 38.3



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Tgt Ion:240 Resp: 472714
 Ion Ratio Lower Upper
 240 100
 120 9.2 8.3 12.5
 236 25.9 21.0 31.4

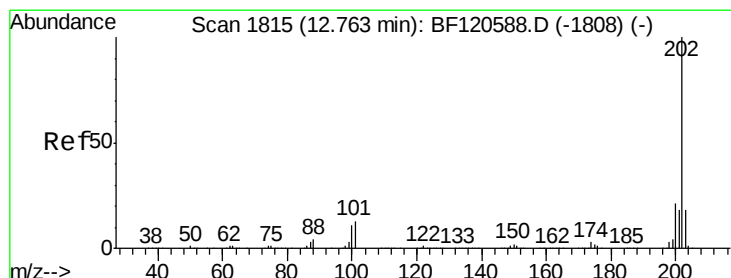
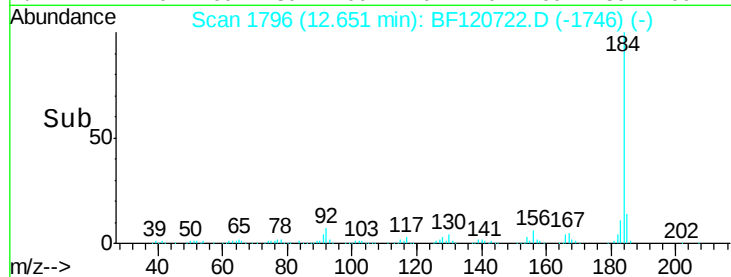
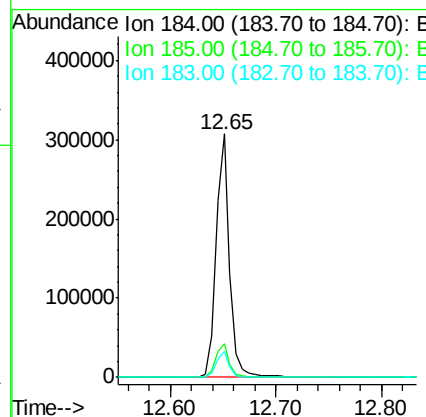
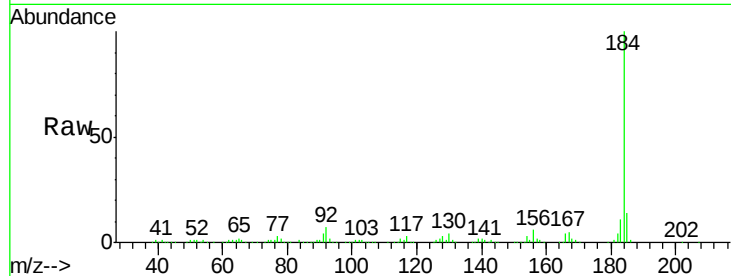




#77
Benzidine
Concen: 17.285 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

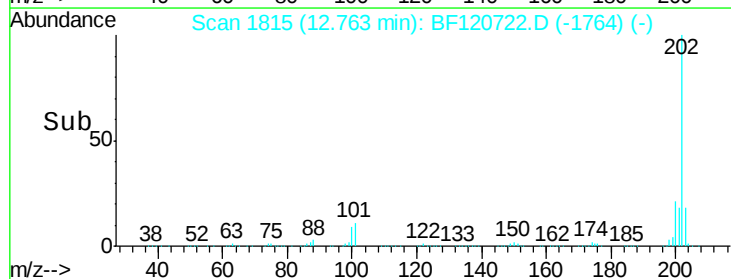
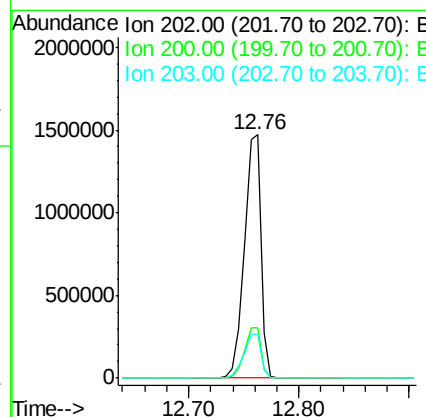
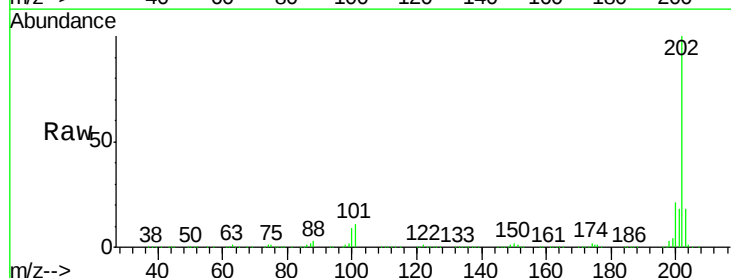
Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

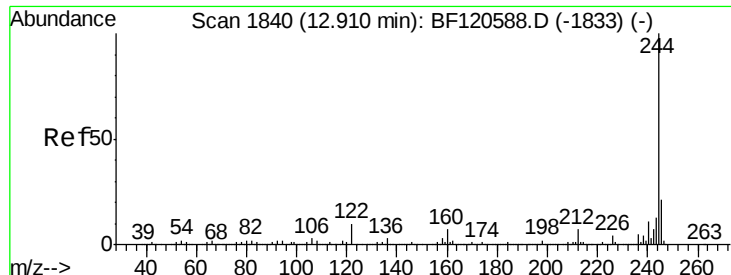
Tot Ion:184 Resp: 276330
Ion Ratio Lower Upper
184 100
185 13.9 11.4 17.0
183 10.8 9.0 13.6



#78
Pyrene
Concen: 46.504 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Tgt Ion:202 Resp: 1557317
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 17.9 14.3 21.5





#79

Terphenyl-d14

Concen: 89.374 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

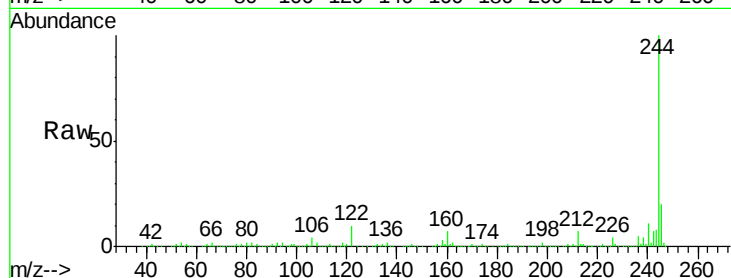
Tot Ion:244 Resp: 1912669

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

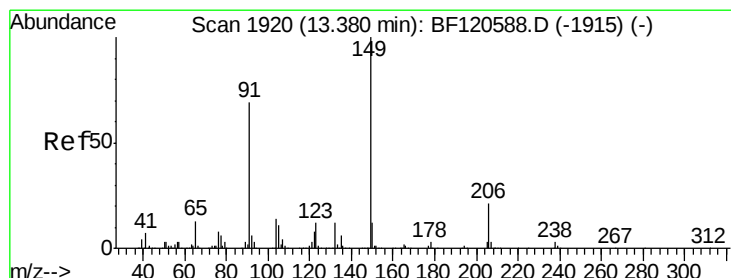
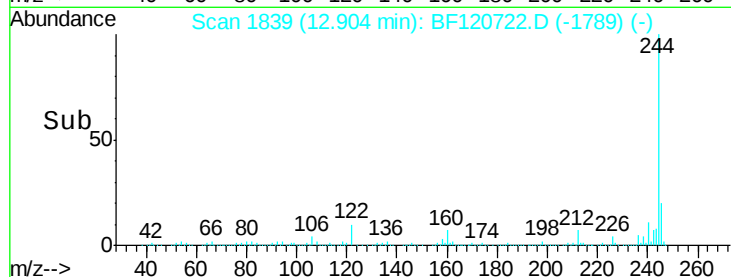
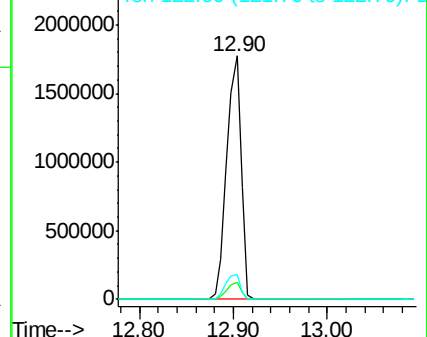
122 10.4 8.3 12.5



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: 45.881 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

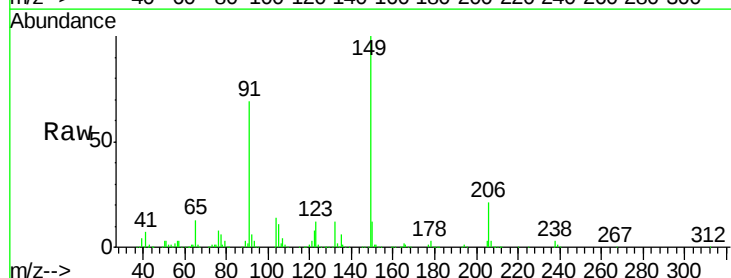
Tgt Ion:149 Resp: 682240

Ion Ratio Lower Upper

149 100

91 69.2 55.4 83.0

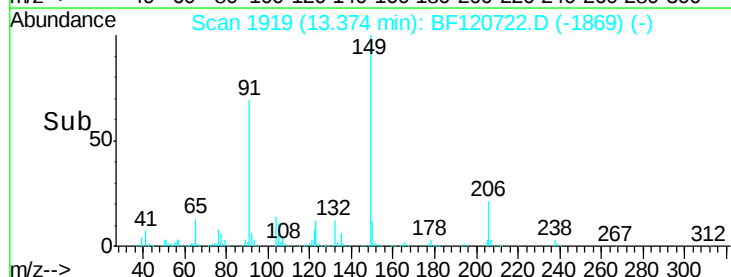
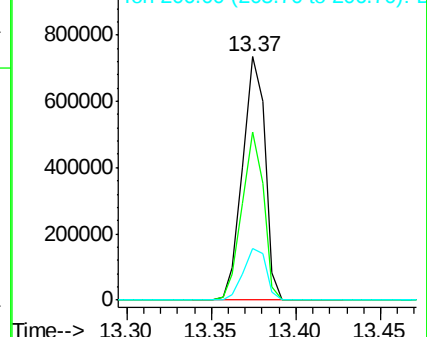
206 21.4 17.0 25.4



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: 46.928 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Instrument :

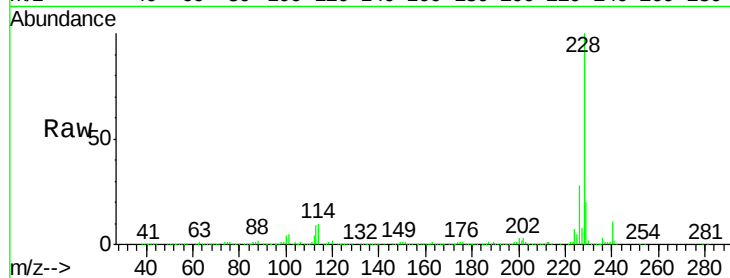
BNA_F

ClientSampleId :

CL-01-062420MS

Tot Ion:228 Resp: 1332779

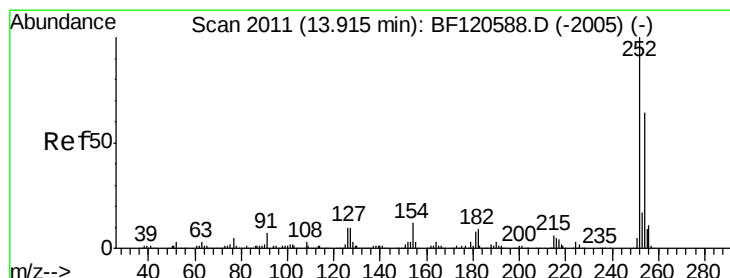
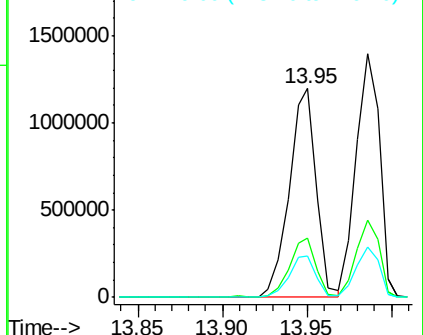
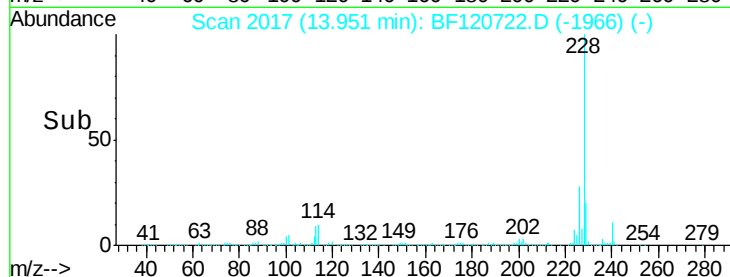
Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.5	33.7
229	20.1	16.1	24.1



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: 35.159 ng

RT: 13.91 min Scan# 2010

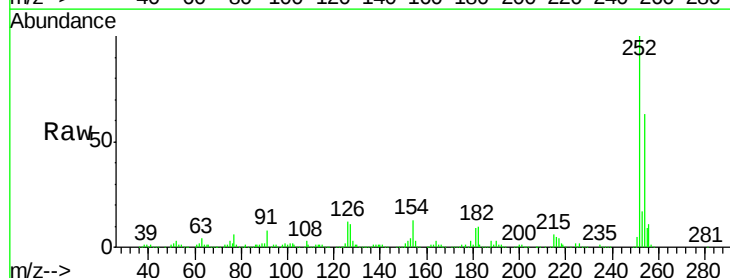
Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Tgt Ion:252 Resp: 381399

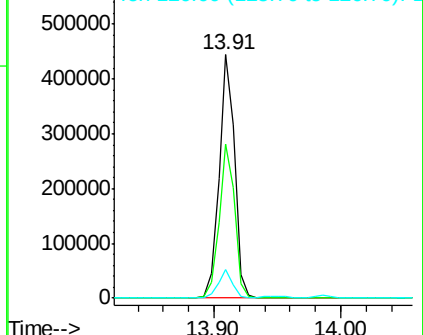
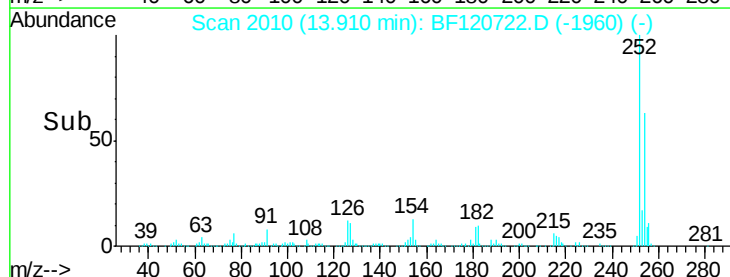
Ion	Ratio	Lower	Upper
252	100		
254	63.1	51.4	77.2
126	11.6	7.9	11.9

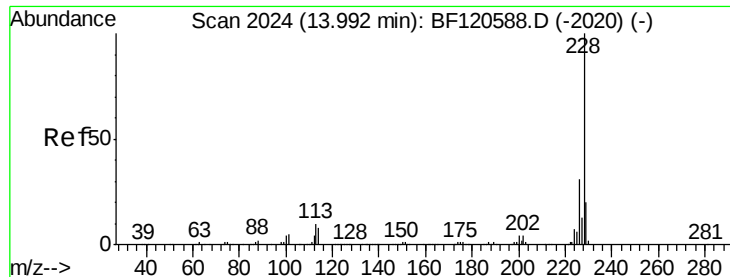


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.455 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

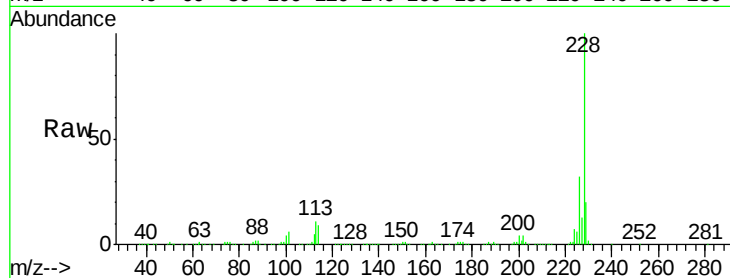
Tot Ion:228 Resp: 1353309

Ion Ratio Lower Upper

228 100

226 31.8 24.9 37.3

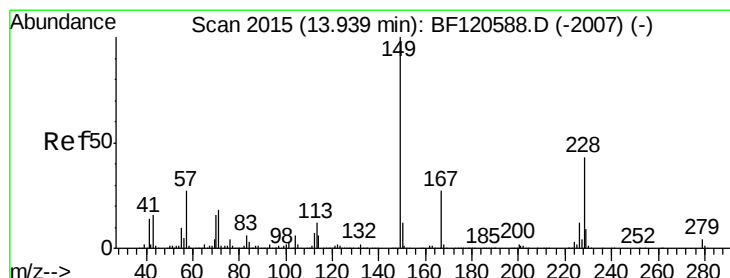
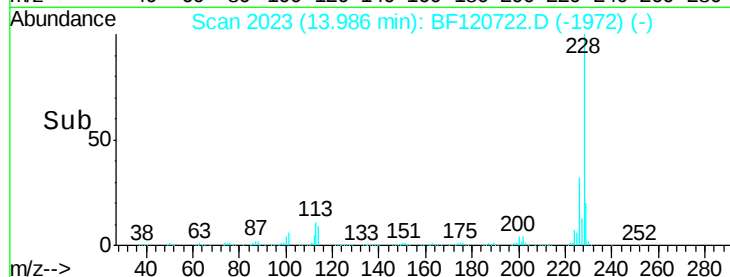
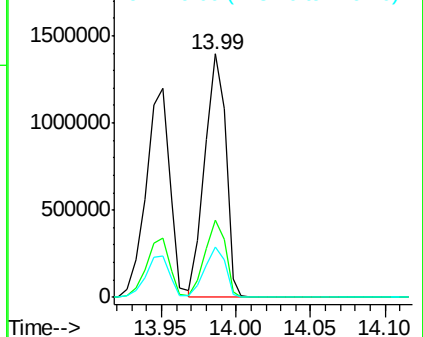
229 20.5 16.1 24.1



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: 49.140 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

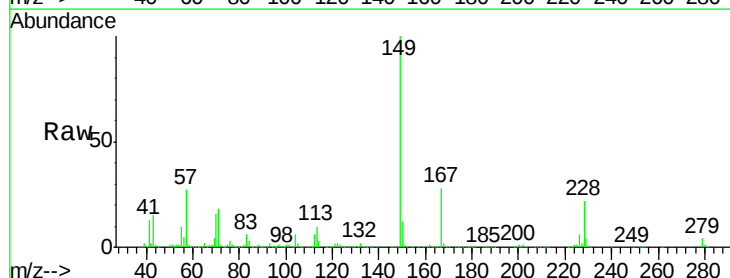
Tgt Ion:149 Resp: 891772

Ion Ratio Lower Upper

149 100

167 27.5 22.0 33.0

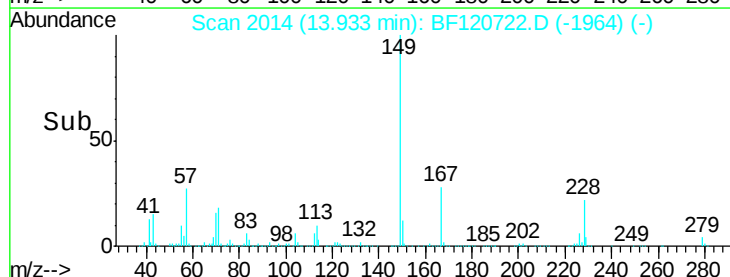
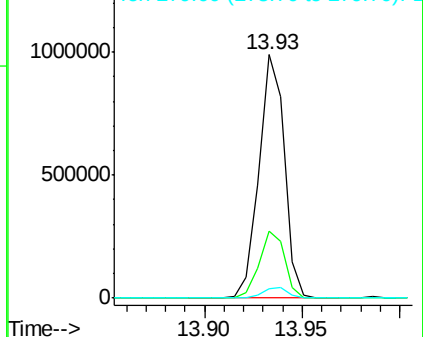
279 3.9 3.0 4.6

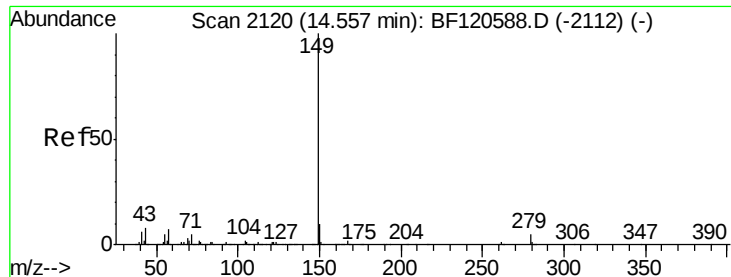


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

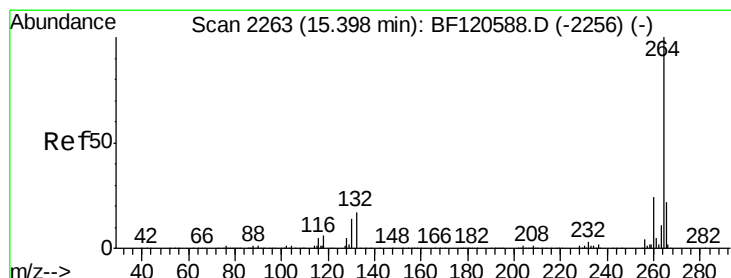
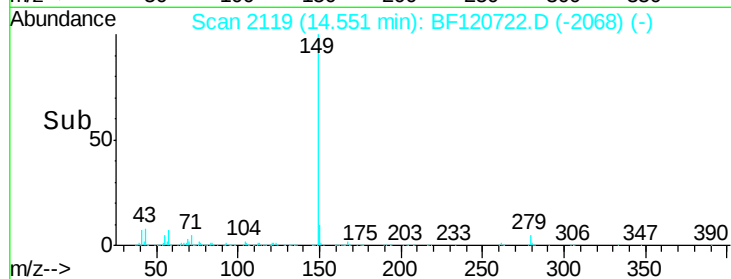
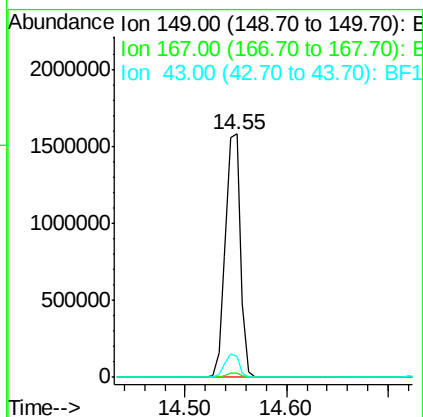
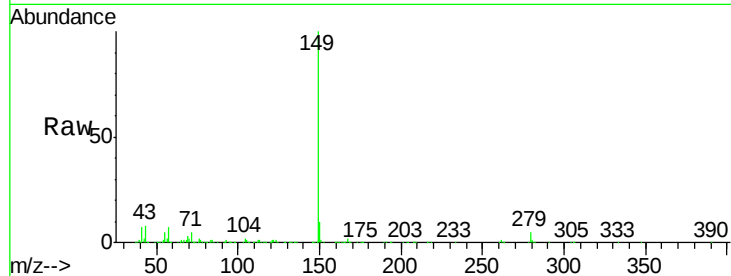




#85
Di-n-octyl phthalate
Concen: 47.175 ng
RT: 14.55 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

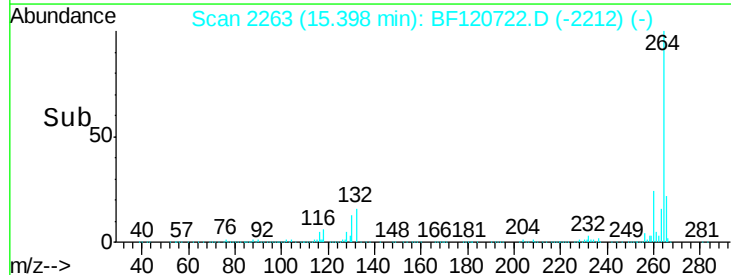
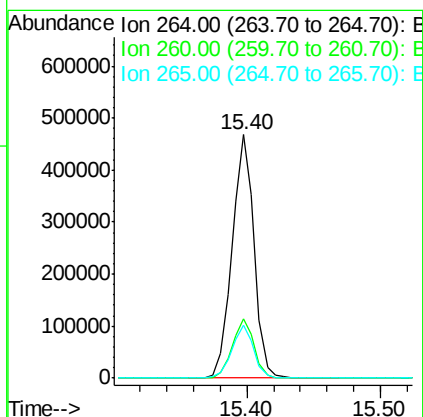
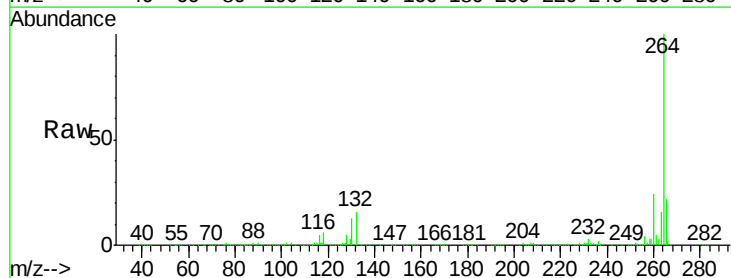
Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

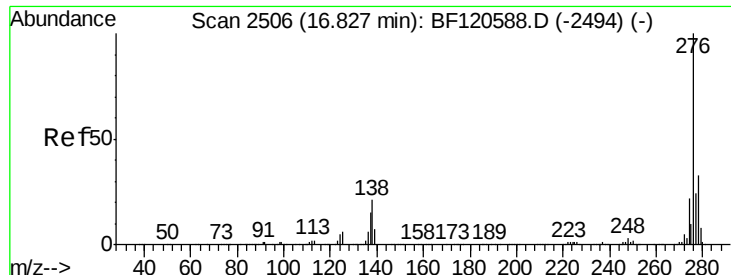
Tot Ion:149 Resp: 1633858
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.1 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Tgt Ion:264 Resp: 536552
Ion Ratio Lower Upper
264 100
260 24.3 19.3 28.9
265 22.0 17.8 26.8

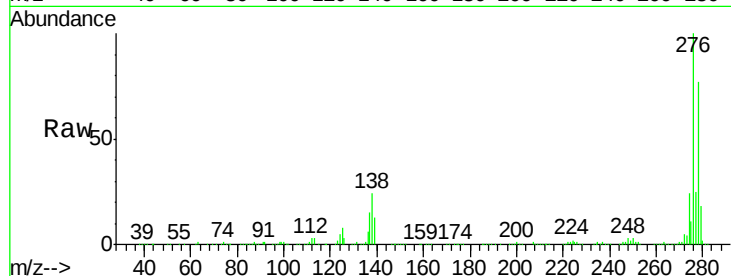




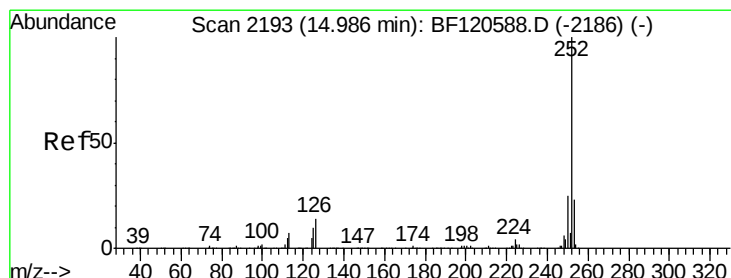
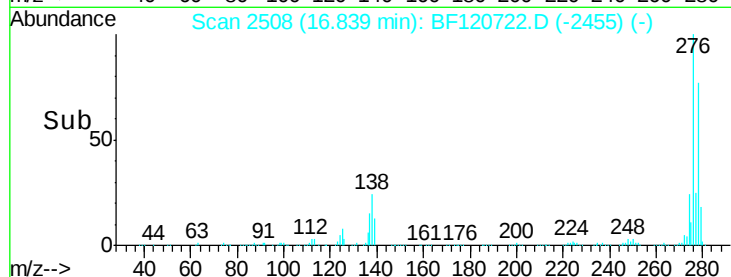
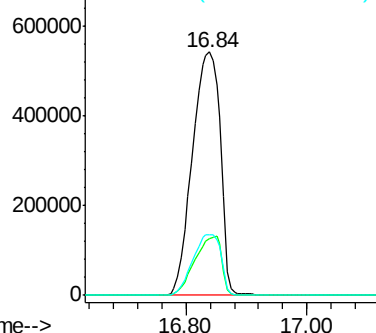
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 53.565 ng
 RT: 16.84 min Scan# 2508
 Delta R.T. 0.01 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

Tot Ion:276 Resp: 1748233
 Ion Ratio Lower Upper
 276 100
 138 23.4 18.9 28.3
 277 25.2 20.2 30.2

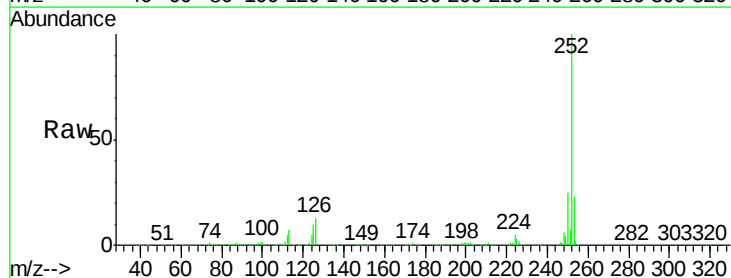


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

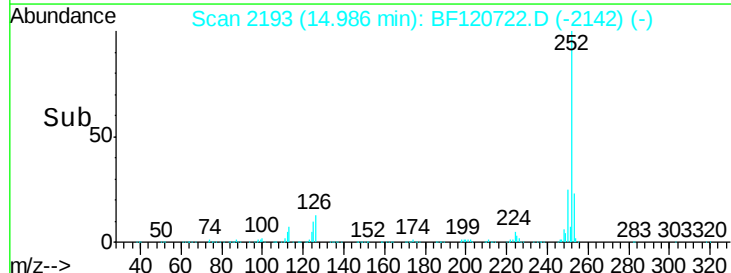
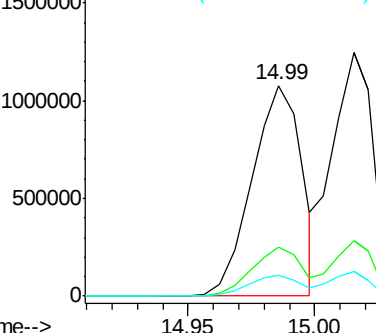


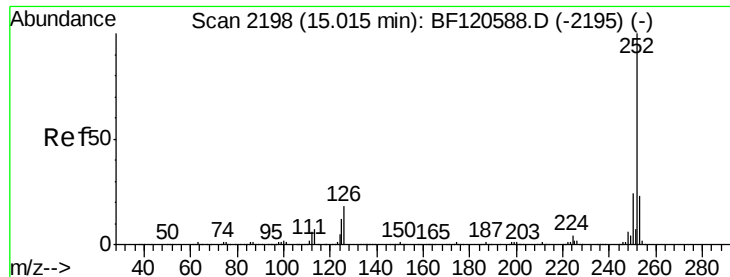
#88
 Benzo(b)fluoranthene
 Concen: 45.924 ng
 RT: 14.99 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Tgt Ion:252 Resp: 1467797
 Ion Ratio Lower Upper
 252 100
 253 23.1 18.1 27.1
 125 10.1 8.3 12.5



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

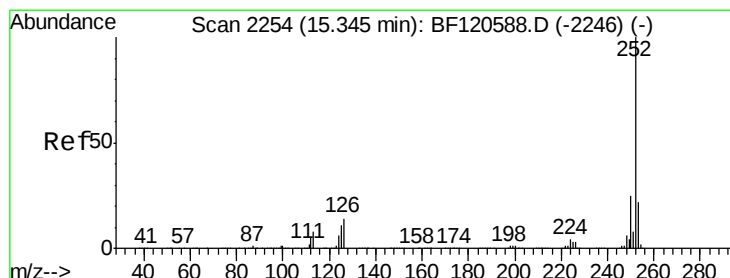
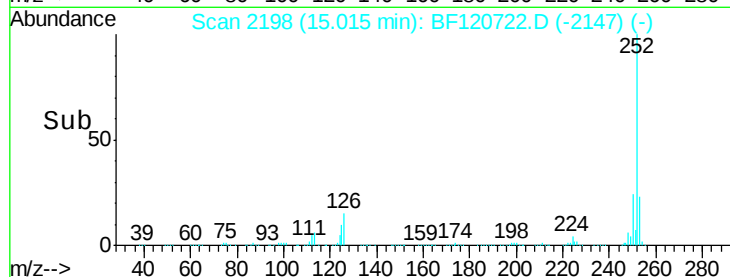
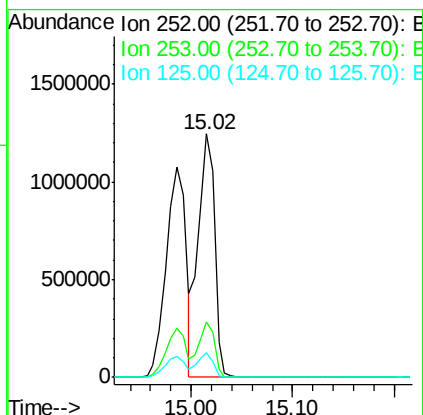
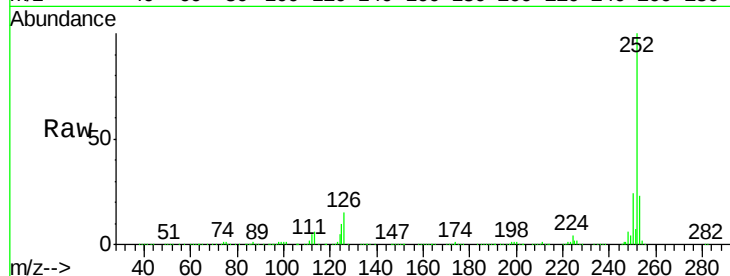




#89
Benzo(k)fluoranthene
Concen: 49.382 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

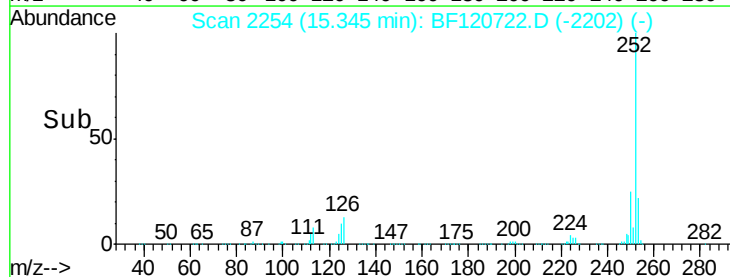
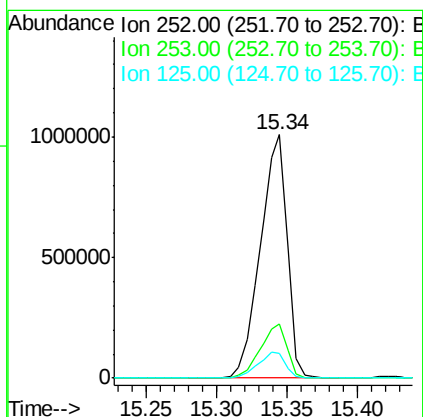
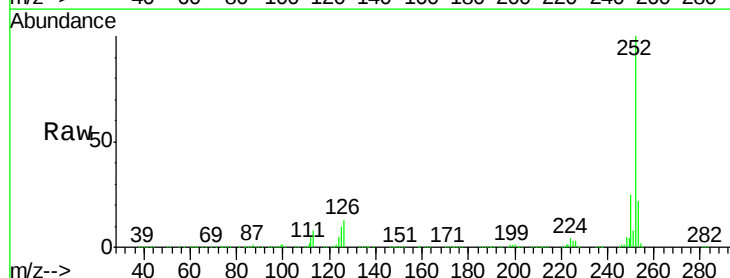
Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

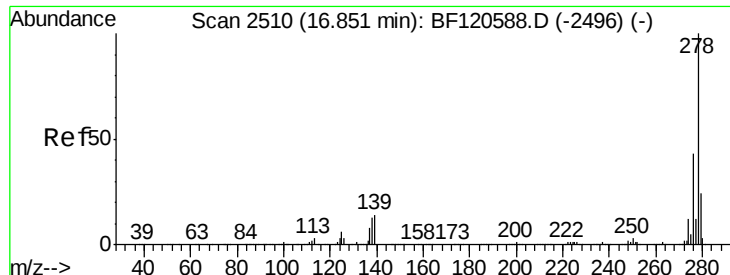
Tot Ion:252 Resp: 1396603
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 10.0 8.3 12.5



#90
Benzo(a)pyrene
Concen: 47.106 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Tgt Ion:252 Resp: 1347423
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 10.3 8.6 12.8



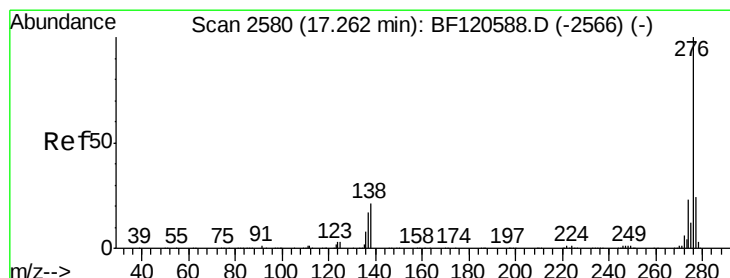
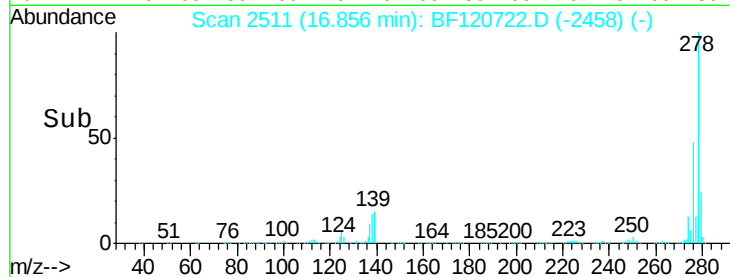
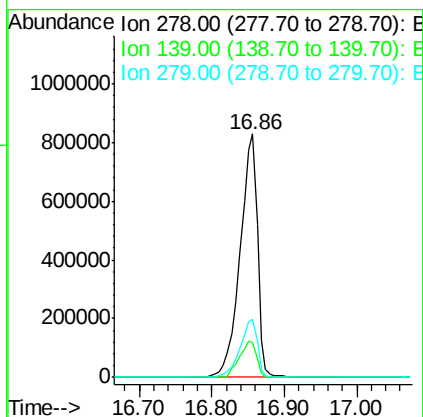
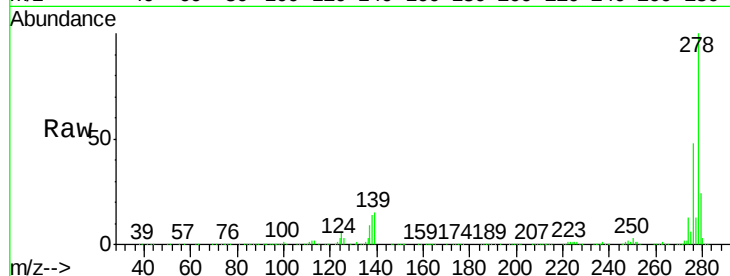


#91
Dibenzo(a,h)anthracene
Concen: 53.001 ng
RT: 16.86 min Scan# 2511
Delta R.T. 0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion:278 Resp: 1387143

Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.4	17.2
279	23.9	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 56.095 ng
RT: 17.27 min Scan# 2582
Delta R.T. 0.02 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Tgt Ion:276 Resp: 1479807

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.6	29.4
138	19.7	16.5	24.7

