

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
 Data File : BF120740.D
 Acq On : 29 Jun 2020 21:10
 Operator : JU/CG
 Sample : L3128-04MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 78-64MSD

Quant Time: Jun 30 00:34:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 15:30:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	54150	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	387505	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	85053	20.00	ng	0.04
64) Phenanthrene-d10	11.37	188	113467	20.00	ng	0.06
76) Chrysene-d12	13.99	240	267745	20.00	ng	0.03
86) Perylene-d12	15.42	264	366982	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	346039	109.56	ng	0.08
7) Phenol-d6	6.51	99	421763	107.21	ng	0.08
23) Nitrobenzene-d5	7.37	82	283743	40.93	ng	0.01
42) 2,4,6-Tribromophenol	10.66	330	120632	121.99	ng	0.05
45) 2-Fluorobiphenyl	9.16	172	962145	173.08	ng	0.01
79) Terphenyl-d14	12.95	244	734591	60.60	ng	0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	117502	78.494	ng	98
3) Pyridine	3.28	79	416462	98.965	ng	99
4) n-Nitrosodimethylamine	3.23	42	189382	108.441	ng	99
6) Aniline	6.47	93	169855	33.739	ng	99
8) 2-Chlorophenol	6.62	128	171886	48.159	ng	99
9) Benzaldehyde	6.35	77	65470	26.312	ng	98
10) Phenol	6.52	94	196365	46.785	ng	92
11) bis(2-Chloroethyl)ether	6.53	93	153299	43.850	ng	98
12) 1,3-Dichlorobenzene	6.74	146	182589	48.121	ng	97
13) 1,4-Dichlorobenzene	6.82	146	186940	49.934	ng	98
14) 1,2-Dichlorobenzene	6.97	146	171356	46.988	ng	96
15) Benzyl Alcohol	6.96	79	139706	50.078	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.07	45	196957	39.127	ng	100
17) 2-Methylphenol	7.10	107	135356	44.465	ng	96
18) Hexachloroethane	7.31	117	56777	41.158	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	112441	49.276	ng	99
20) 3+4-Methylphenols	7.26	107	179589	47.211	ng	# 62
22) Acetophenone	7.21	105	231645	26.738	ng	# 91
24) Nitrobenzene	7.39	77	249713	34.421	ng	97
25) Isophorone	7.63	82	599437	44.389	ng	97
26) 2-Nitrophenol	7.70	139	147512	38.435	ng	99
27) 2,4-Dimethylphenol	7.77	122	285598	50.539	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	378689	48.376	ng	99
29) 2,4-Dichlorophenol	7.97	162	277145	48.248	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	314296	49.373	ng	98
31) Naphthalene	8.10	128	1065394	55.991	ng	100
32) Benzoic acid	7.91	122	205395	47.372	ng	98
33) 4-Chloroaniline	8.17	127	288582	33.043	ng	99
34) Hexachlorobutadiene	8.22	225	174153	46.933	ng	100
35) Caprolactam	8.50	113	9638	5.246	ng	# 1
36) 4-Chloro-3-methylphenol	8.69	107	289945	50.523	ng	97
37) 2-Methylnaphthalene	8.80	142	673147	54.192	ng	98
38) 1-Methylnaphthalene	8.90	142	725436	62.065	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	357284	140.684	ng	98

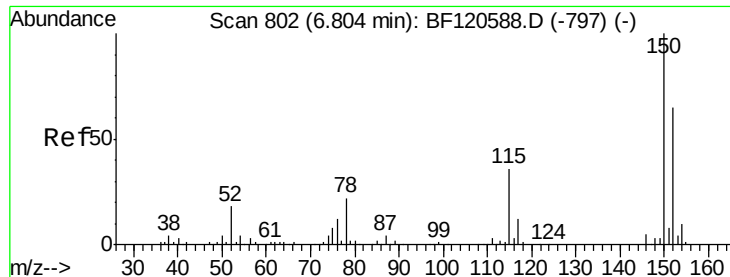
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
 Data File : BF120740.D
 Acq On : 29 Jun 2020 21:10
 Operator : JU/CG
 Sample : L3128-04MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 78-64MSD

Quant Time: Jun 30 00:34:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 15:30:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	65249	45.849	nq	100
43) 2,4,6-Trichlorophenol	9.10	196	183431	101.821	nq	98
44) 2,4,5-Trichlorophenol	9.16	196	167612	82.008	nq #	83
46) 1,1'-Biphenyl	9.27	154	820146	129.137	nq	98
47) 2-Chloronaphthalene	9.29	162	621397	119.651	nq	96
48) 2-Nitroaniline	9.40	65	158815	97.367	nq	91
49) Acenaphthylene	9.72	152	766201	95.595	nq #	86
50) Dimethylphthalate	9.57	163	620188	101.246	nq #	94
51) 2,6-Dinitrotoluene	9.63	165	180816	130.250	nq	91
52) Acenaphthene	9.89	154	241421	50.504	nq	95
53) 3-Nitroaniline	9.82	138	55001	32.986	nq #	91
54) 2,4-Dinitrophenol	9.94	184	1895	5.300	nq #	1
55) Dibenzofuran	10.07	168	361073	49.262	nq #	90
56) 4-Nitrophenol	10.03	139	95007	75.655	nq #	33
57) 2,4-Dinitrotoluene	10.05	165	76745	41.662	nq #	93
58) Fluorene	10.42	166	268893	47.589	nq	88
59) 2,3,4,6-Tetrachlorophenol	10.20	232	64287	39.980	nq #	75
60) Diethylphthalate	10.28	149	288728	47.858	nq #	87
61) 4-Chlorophenyl-phenylether	10.40	204	139786	47.906	nq #	80
62) 4-Nitroaniline	10.43	138	57041	34.459	nq #	70
63) Azobenzene	10.56	77	250885	45.813	nq	86
65) 4,6-Dinitro-2-methylphenol	10.46	198	3260	4.788	nq #	1
66) n-Nitrosodiphenylamine	10.52	169	226493	65.000	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	97670	75.845	nq #	65
68) Hexachlorobenzene	10.99	284	87638	63.298	nq #	54
69) Atrazine	11.09	200	69673	64.616	nq #	26
70) Pentachlorophenol	11.19	266	51496	66.900	nq	96
71) Phenanthrene	11.40	178	346085	61.358	nq #	79
72) Anthracene	11.45	178	312818	55.021	nq #	83
73) Carbazole	11.60	167	276078	49.055	nq #	81
74) Di-n-butylphthalate	11.92	149	362718	57.327	nq #	90
75) Fluoranthene	12.59	202	565393	87.673	nq	94
77) Benzidine	12.70	184	120810	13.342	nq #	48
78) Pyrene	12.82	202	585266	30.856	nq	96
80) Butylbenzylphthalate	13.41	149	269921	32.048	nq	90
81) Benzo(a)anthracene	13.98	228	922997	57.379	nq	99
82) 3,3'-Dichlorobenzidine	13.94	252	205953	33.520	nq	98
83) Chrysene	14.02	228	901343	54.626	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	562884	54.761	nq	98
85) Di-n-octyl phthalate	14.56	149	1137718	57.997	nq	100
87) Indeno(1,2,3-cd)pyrene	16.86	276	499370	22.370	nq	97
88) Benzo(b)fluoranthene	15.00	252	1244079	56.910	nq	99
89) Benzo(k)fluoranthene	15.03	252	992447	51.307	nq	98
90) Benzo(a)pyrene	15.36	252	1056073	53.980	nq	99
91) Dibenzo(a,h)anthracene	16.87	278	406028	22.682	nq	99
92) Benzo(g,h,i)perylene	17.29	276	387264	21.463	nq	97

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

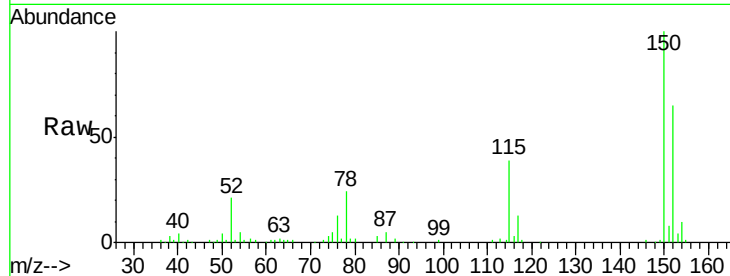


#1

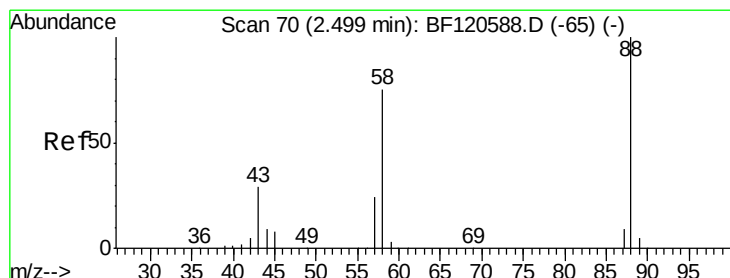
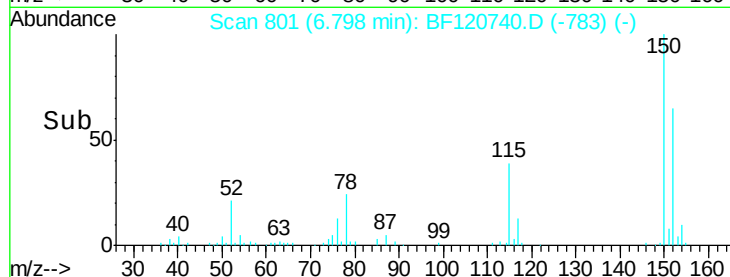
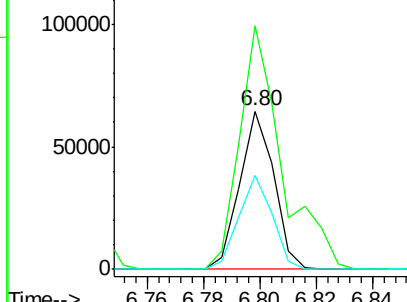
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Instrument :
BNA_F
ClientSampleId :
78-64MSD

Tot Ion:152 Resp: 54150
Ion Ratio Lower Upper
152 100
150 153.6 124.6 187.0
115 59.6 44.2 66.4



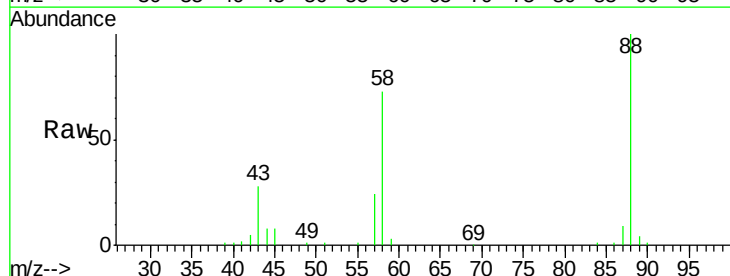
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



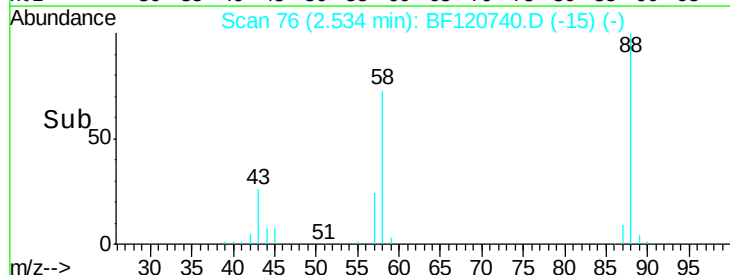
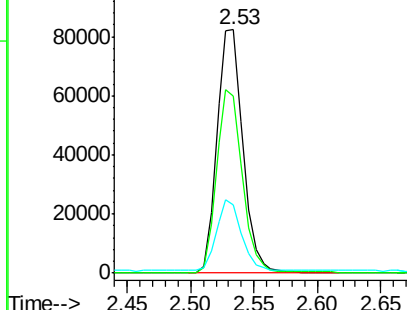
#2

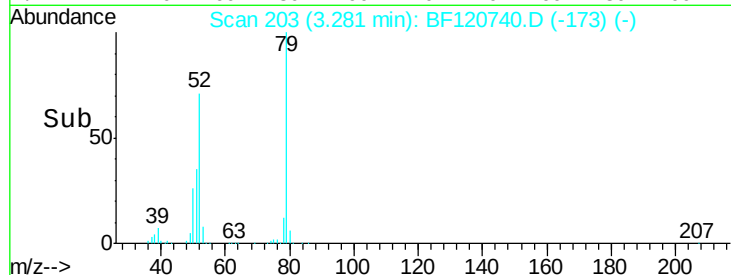
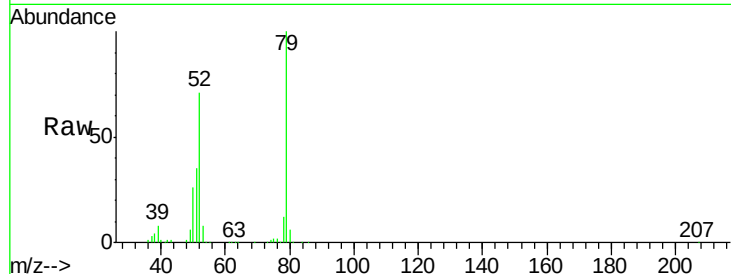
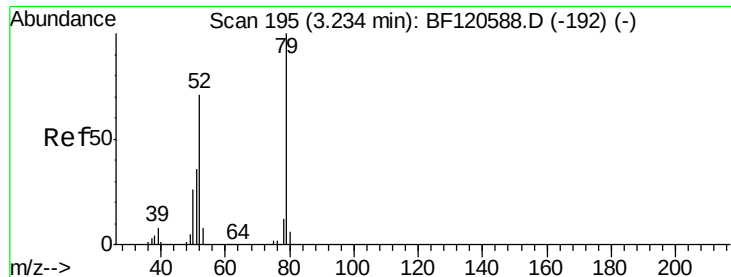
1,4-Dioxane
Concen: 78.494 ng
RT: 2.53 min Scan# 76
Delta R.T. 0.06 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion: 88 Resp: 117502
Ion Ratio Lower Upper
88 100
58 75.1 58.5 87.7
43 28.1 21.8 32.8



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

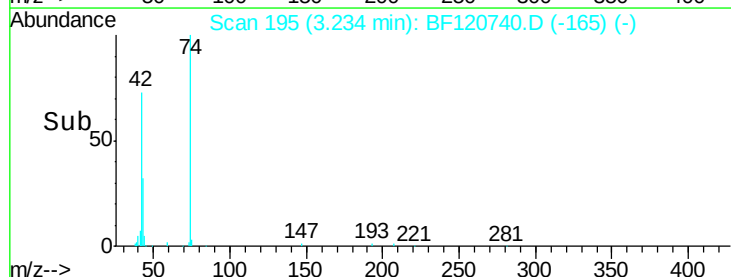
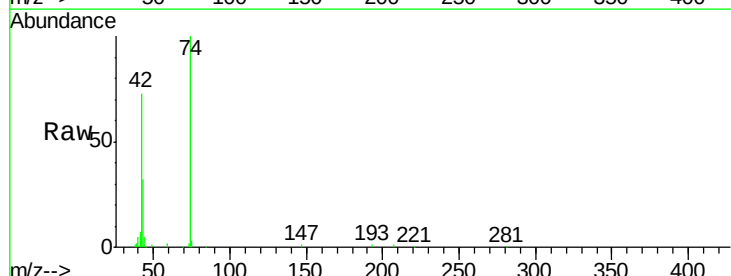
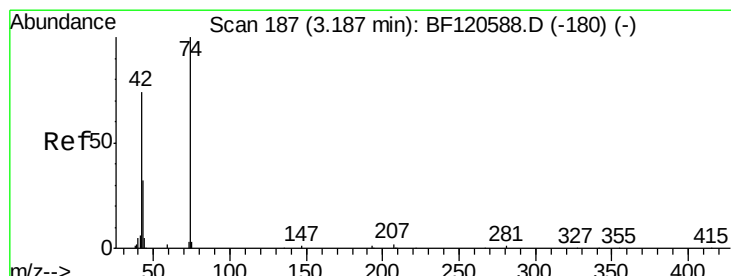
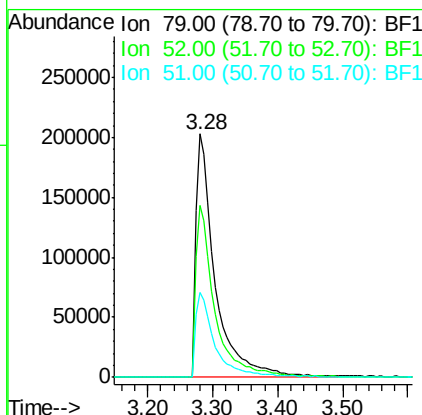




#3
 Pvridine
 Concen: 98.965 ng
 RT: 3.28 min Scan# 203
 Delta R.T. 0.08 min
 Lab File: BF120740.D
 Acq: 29 Jun 2020 21:10

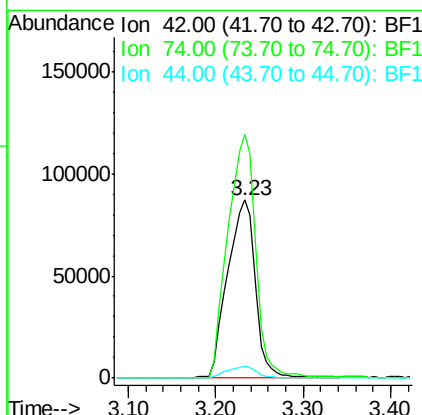
Instrument :
 BNA_F
 ClientSampleId :
 78-64MSD

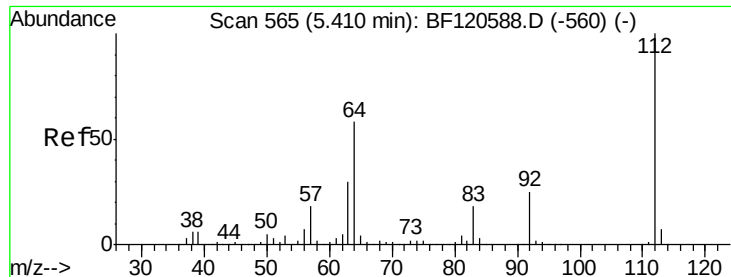
Tot Ion: 79 Resp: 416462
 Ion Ratio Lower Upper
 79 100
 52 70.6 56.6 84.8
 51 35.0 27.4 41.0



#4
 n-Nitrosodimethylamine
 Concen: 108.441 ng
 RT: 3.23 min Scan# 195
 Delta R.T. 0.08 min
 Lab File: BF120740.D
 Acq: 29 Jun 2020 21:10

Tgt Ion: 42 Resp: 189382
 Ion Ratio Lower Upper
 42 100
 74 136.8 110.7 166.1
 44 6.6 5.6 8.4





#5

2-Fluorophenol

Concen: 109.560 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.08 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

Instrument :

BNA_F

ClientSampleId :

78-64MSD

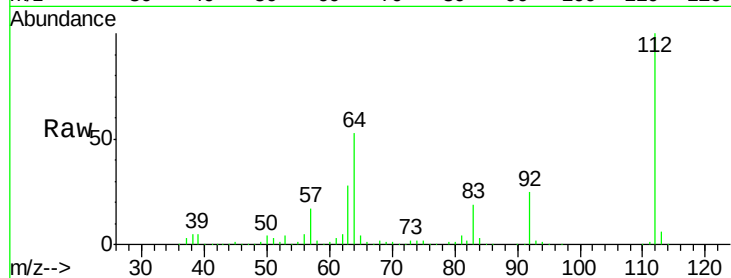
Tot Ion: 112 Resp: 346039

Ion Ratio Lower Upper

112 100

64 53.0 42.2 63.2

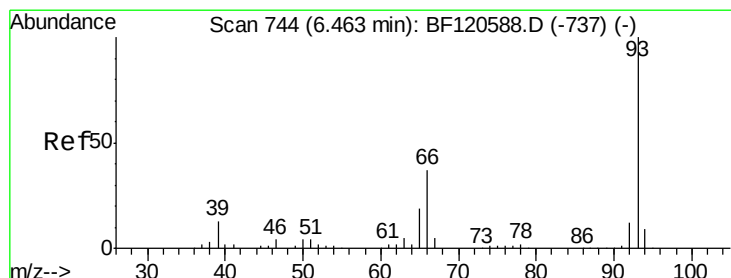
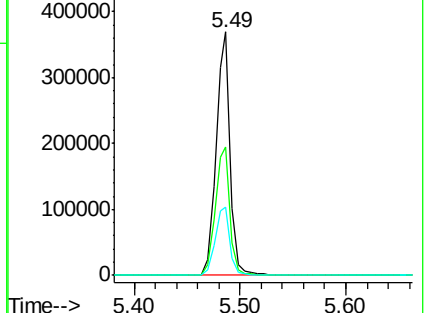
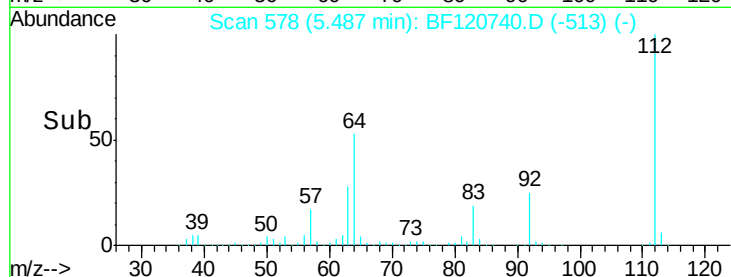
63 27.8 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.739 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.02 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

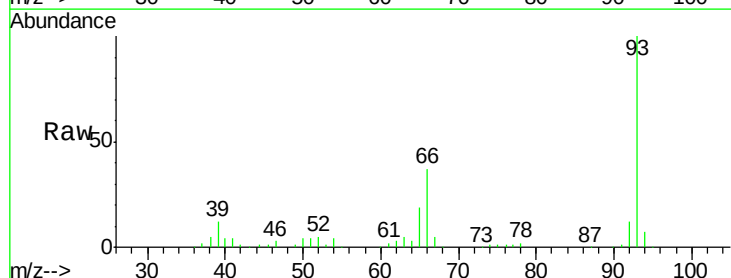
Tgt Ion: 93 Resp: 169855

Ion Ratio Lower Upper

93 100

66 37.4 29.5 44.3

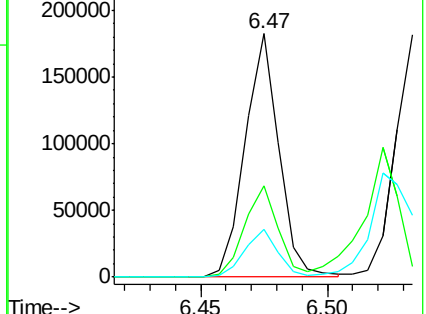
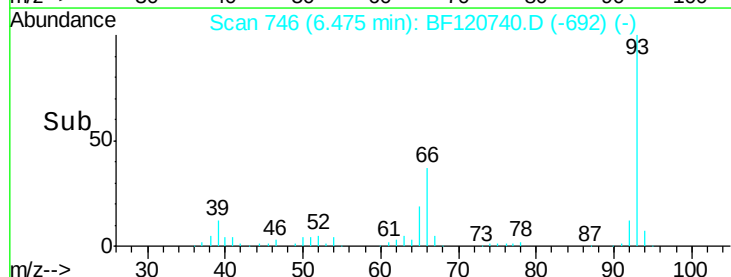
65 19.4 15.5 23.3

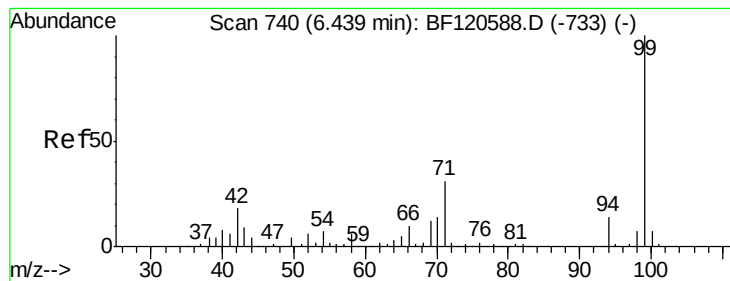


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 107.214 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.08 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

Instrument :

BNA_F

ClientSampleId :

78-64MSD

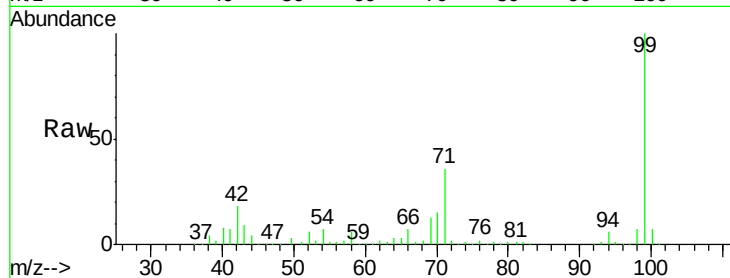
Tot Ion: 99 Resp: 421763

Ion Ratio Lower Upper

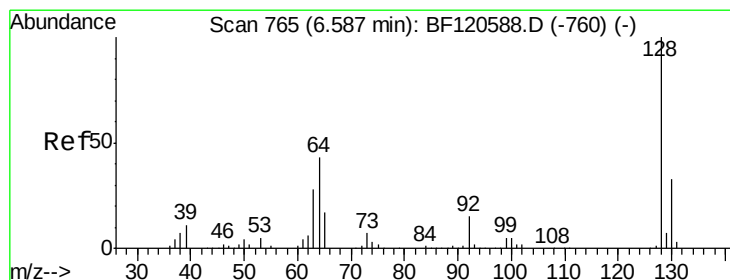
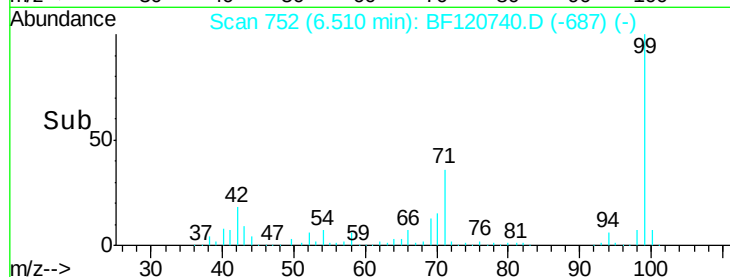
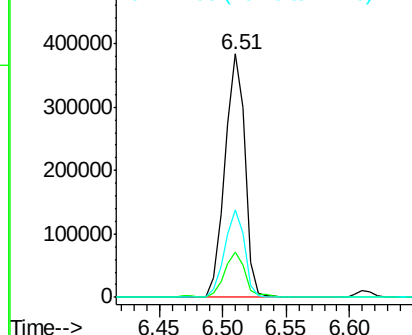
99 100

42 18.4 14.2 21.4

71 35.9 25.4 38.2



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: 48.159 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.04 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

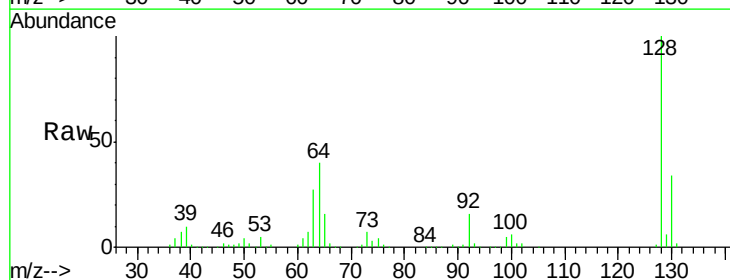
Tgt Ion: 128 Resp: 171886

Ion Ratio Lower Upper

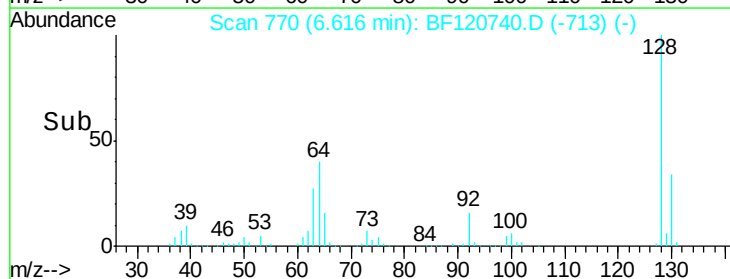
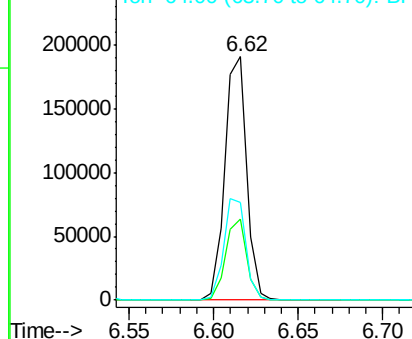
128 100

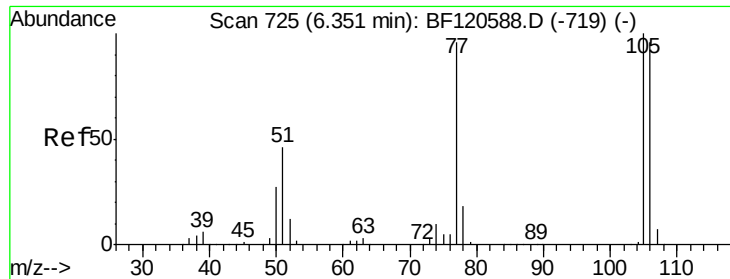
130 33.6 13.3 53.3

64 39.9 19.2 59.2



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

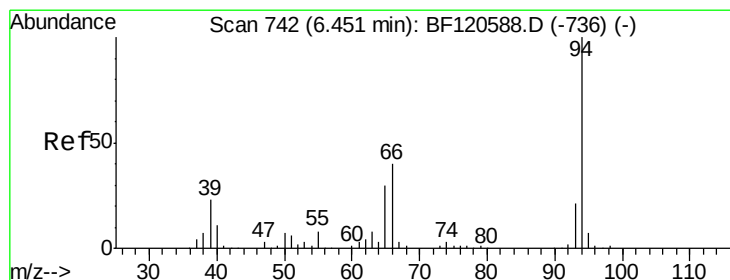
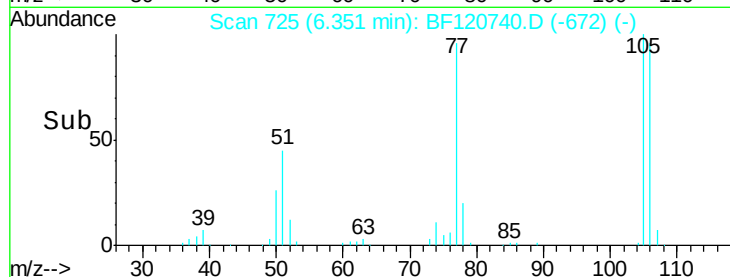
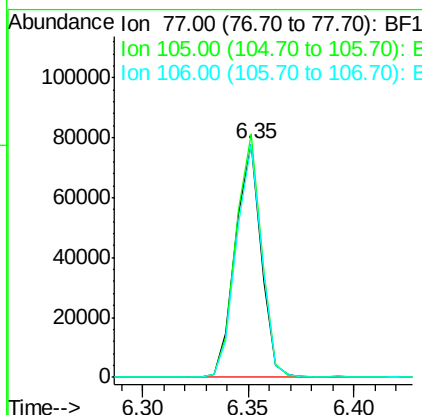
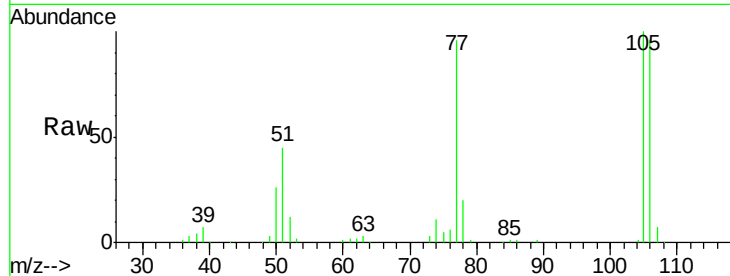




#9
Benzaldehyde
Concen: 26.312 ng
RT: 6.35 min Scan# 725
Delta R.T. 0.01 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

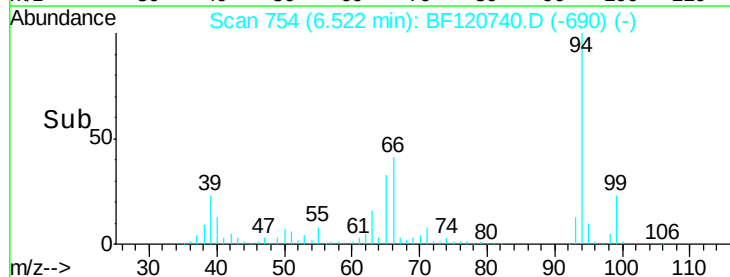
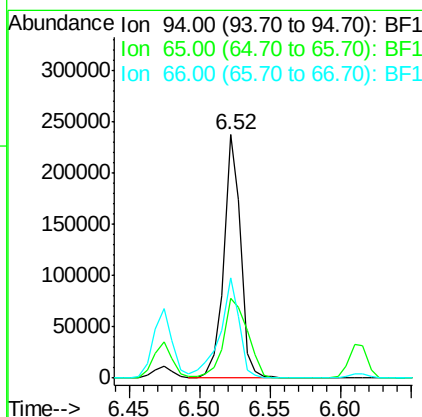
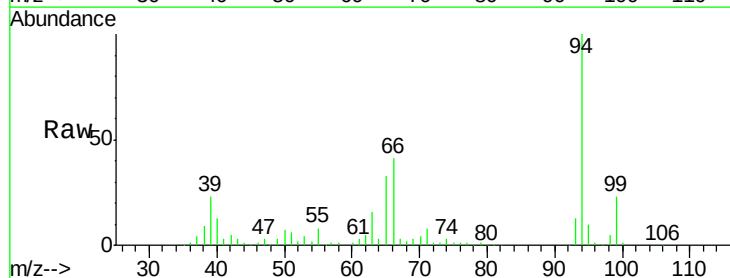
Instrument :
BNA_F
ClientSampleId :
78-64MSD

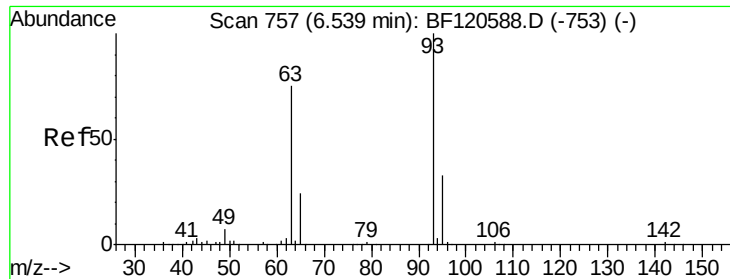
Tot Ion: 77 Resp: 65470
Ion Ratio Lower Upper
77 100
105 104.1 80.8 120.8
106 99.5 78.1 118.1



#10
Phenol
Concen: 46.785 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.08 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion: 94 Resp: 196365
Ion Ratio Lower Upper
94 100
65 32.8 13.6 53.6
66 41.0 29.2 69.2

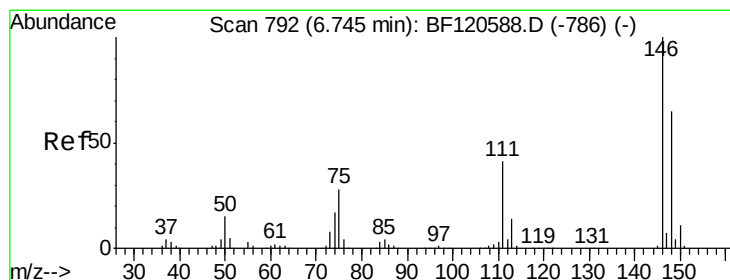
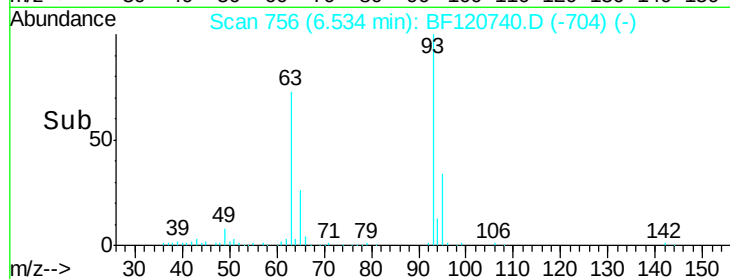
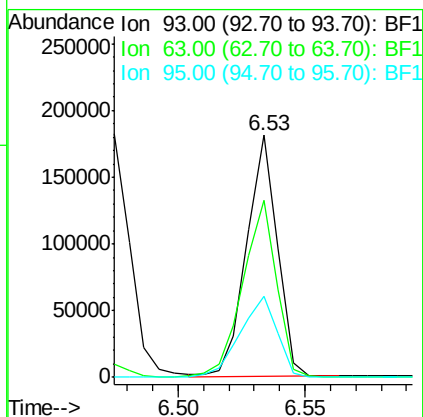
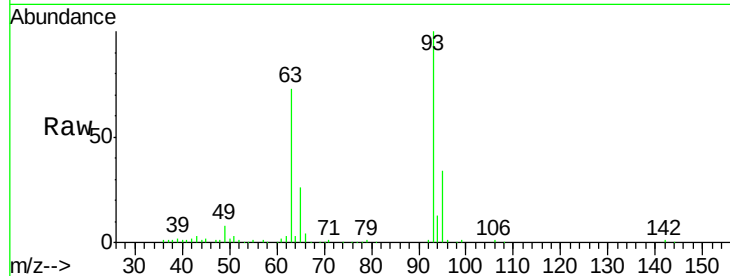




#11
 bis(2-Chloroethyl)ether
 Concen: 43.850 ng
 RT: 6.53 min Scan# 756
 Delta R.T. 0.01 min
 Lab File: BF120740.D
 Acq: 29 Jun 2020 21:10

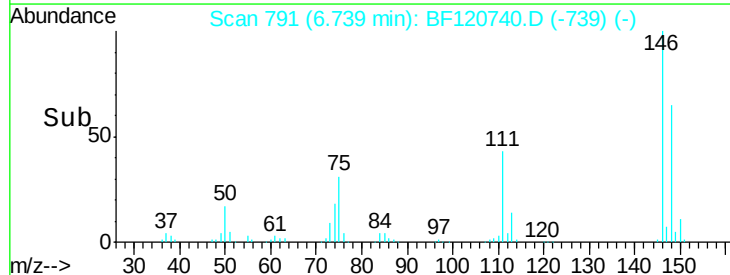
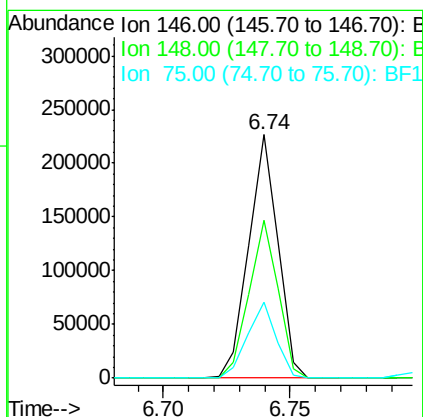
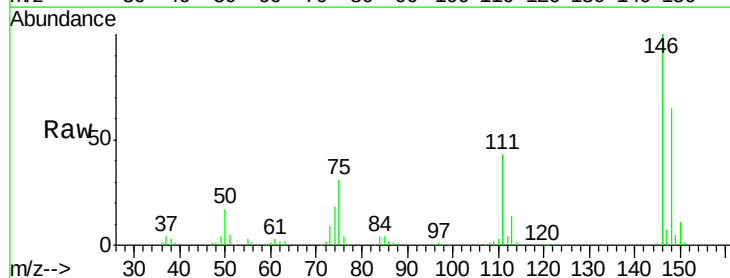
Instrument :
 BNA_F
 ClientSampleId :
 78-64MSD

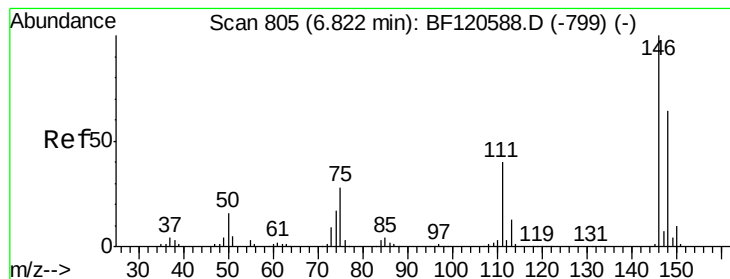
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.9	54.8	94.8
95	33.7	12.1	52.1



#12
 1,3-Dichlorobenzene
 Concen: 48.121 ng
 RT: 6.74 min Scan# 791
 Delta R.T. 0.01 min
 Lab File: BF120740.D
 Acq: 29 Jun 2020 21:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.1	76.7
75	31.0	21.5	32.3





#13

1,4-Dichlorobenzene

Concen: 49.934 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

Instrument :

BNA_F

ClientSampleId :

78-64MSD

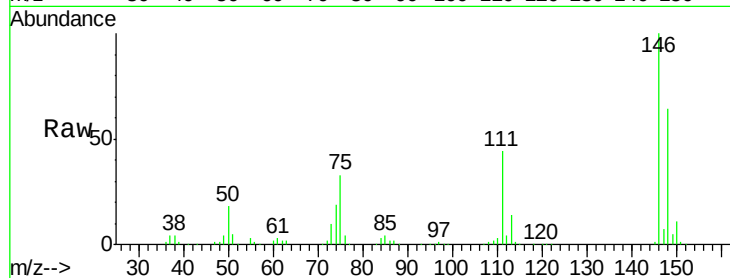
Tot Ion:146 Resp: 186940

Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.0

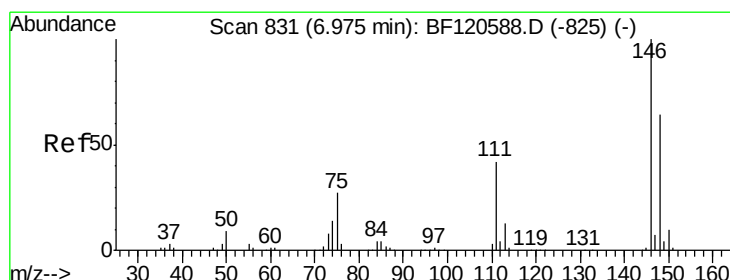
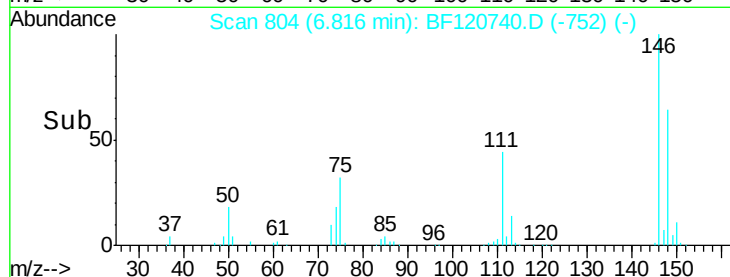
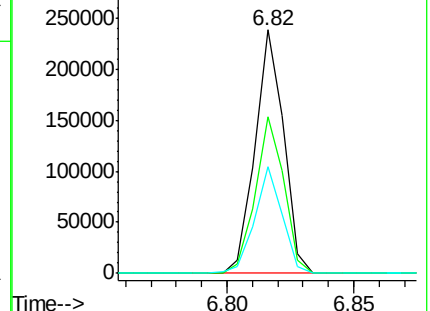
111 44.0 32.2 48.2



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: 46.988 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

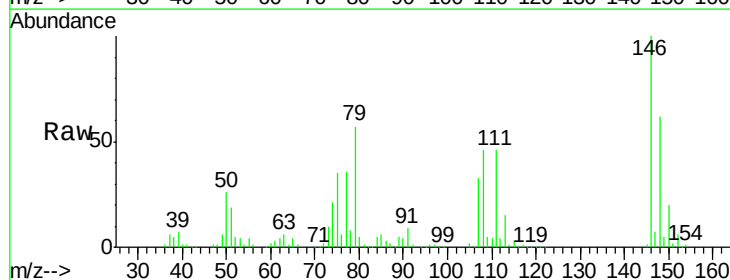
Tgt Ion:146 Resp: 171356

Ion Ratio Lower Upper

146 100

148 62.3 51.0 76.6

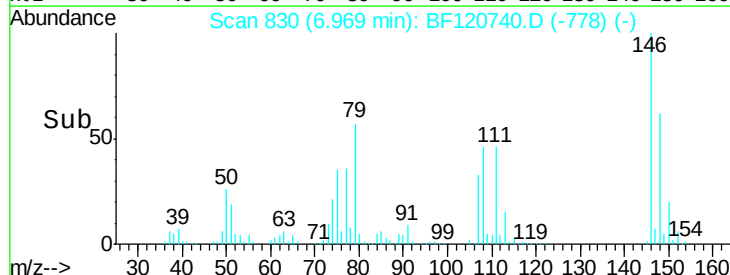
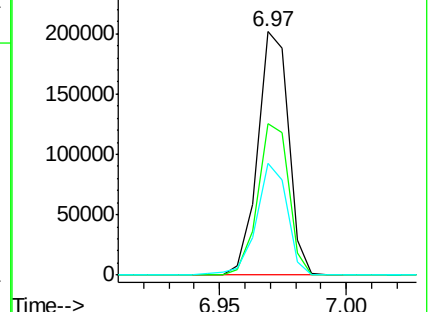
111 45.9 33.6 50.4

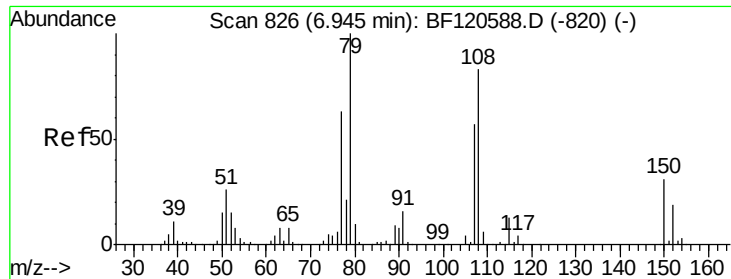


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 50.078 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.03 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

Instrument :

BNA_F

ClientSampleId :

78-64MSD

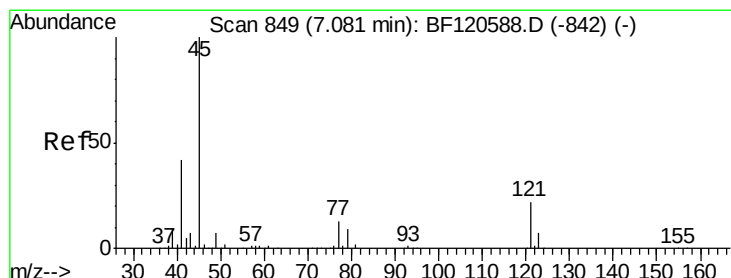
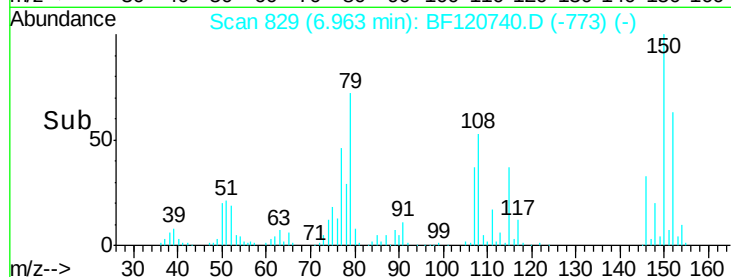
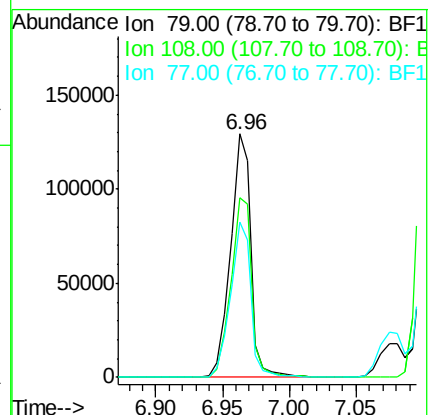
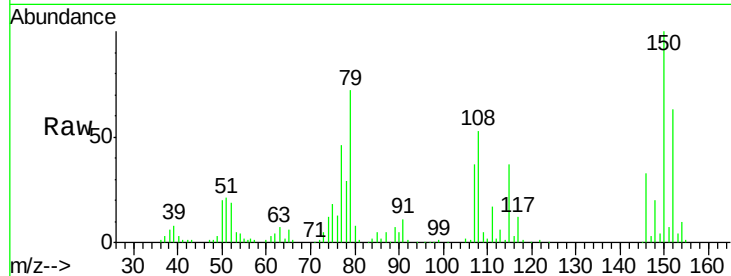
Tot Ion: 79 Resp: 139706

Ion Ratio Lower Upper

79 100

108 73.9 66.1 99.1

77 63.9 49.8 74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.127 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

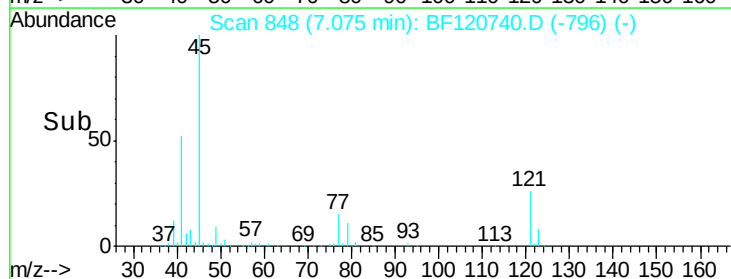
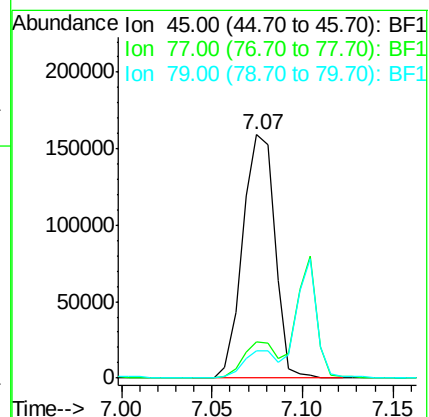
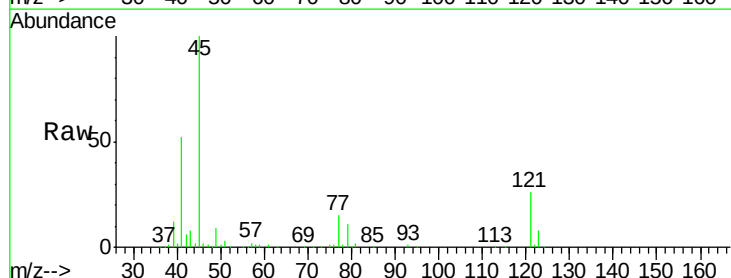
Tgt Ion: 45 Resp: 196957

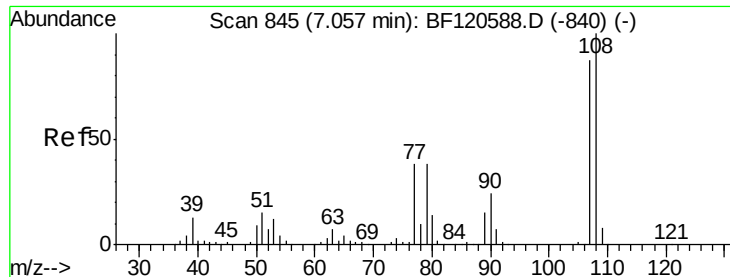
Ion Ratio Lower Upper

45 100

77 15.0 0.0 34.9

79 11.3 0.0 31.4

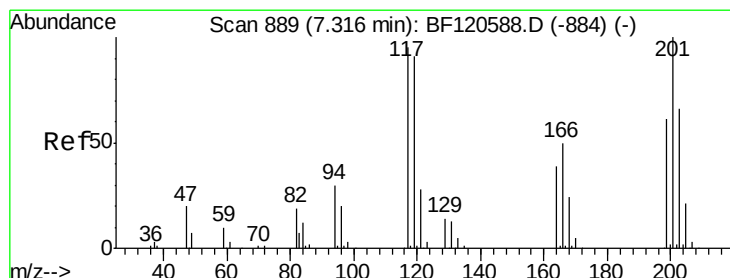
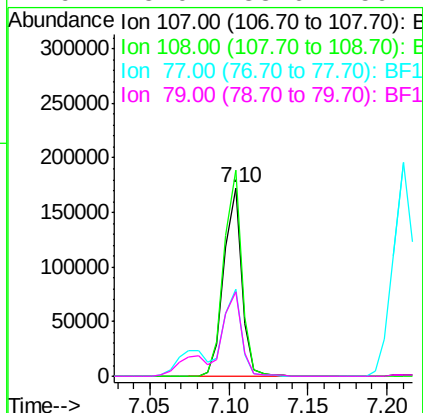
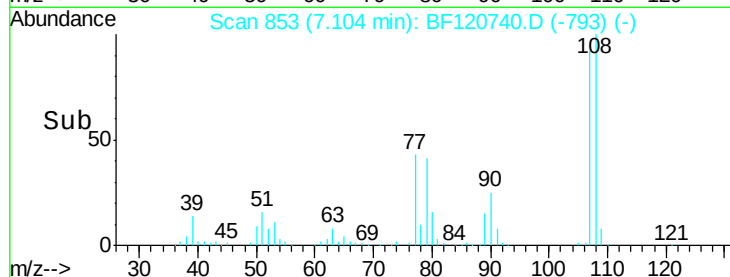
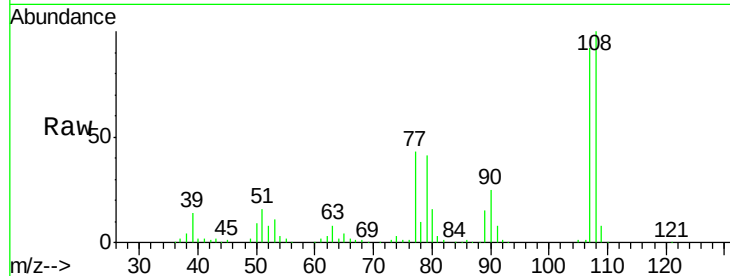




#17
2-Methylphenol
Concen: 44.465 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.05 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

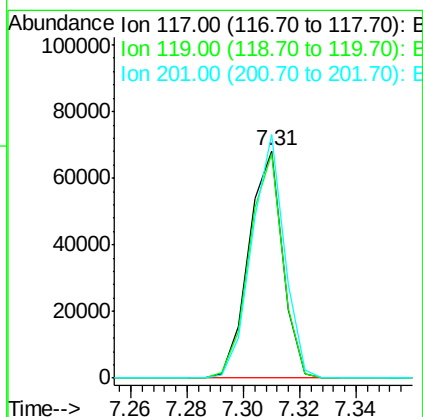
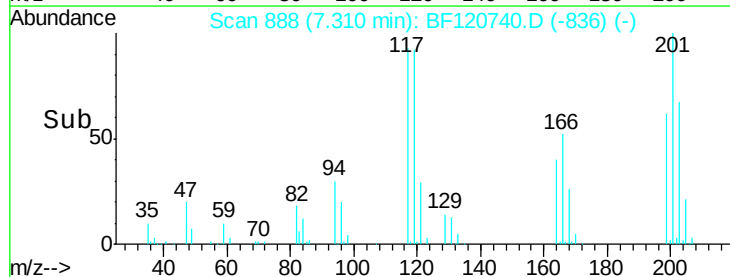
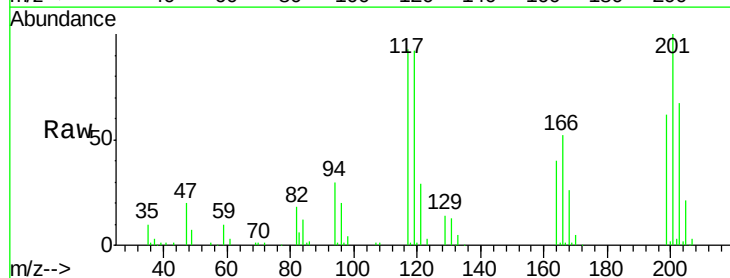
Instrument :
BNA_F
ClientSampleId :
78-64MSD

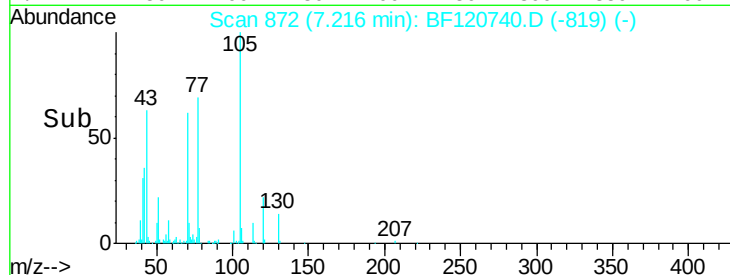
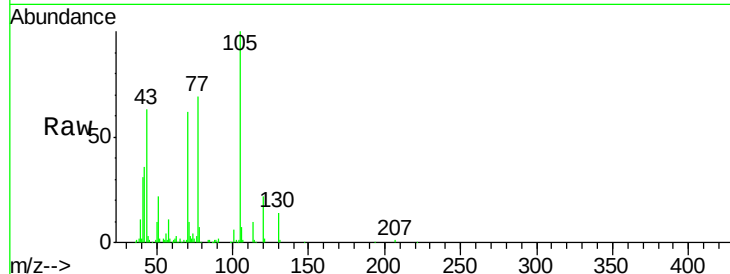
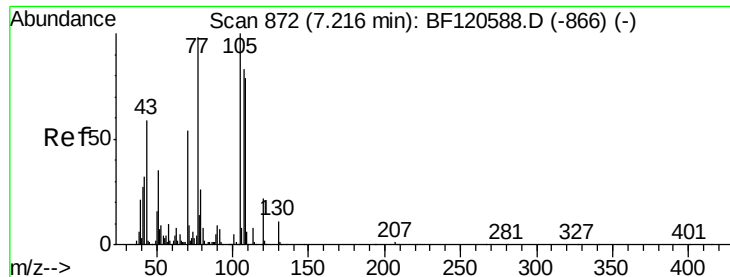
Tot Ion:107 Resp: 135356
Ion Ratio Lower Upper
107 100
108 109.1 90.7 136.1
77 46.4 35.0 52.4
79 45.0 33.6 50.4



#18
Hexachloroethane
Concen: 41.158 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion:117 Resp: 56777
Ion Ratio Lower Upper
117 100
119 98.9 77.1 115.7
201 107.2 86.4 129.6

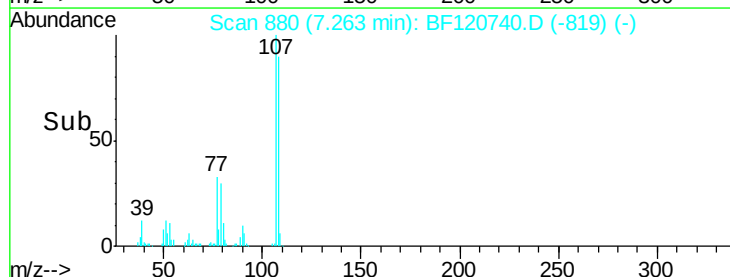
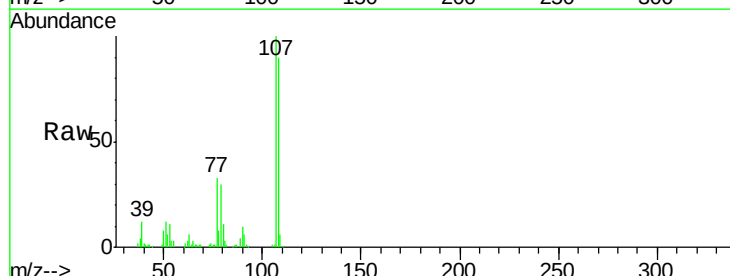
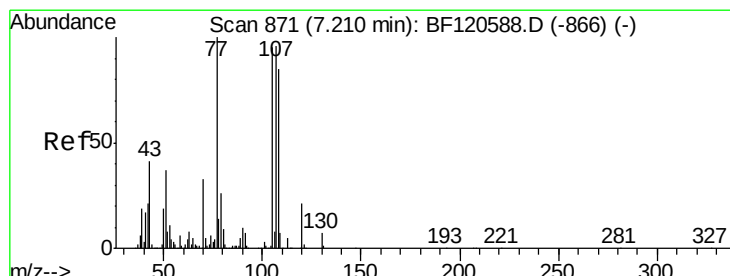
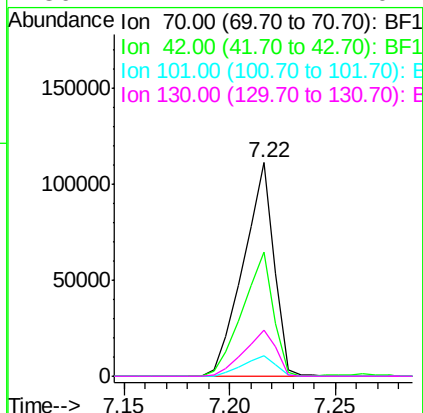




#19
n-Nitroso-di-n-propylamine
Concen: 49.276 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

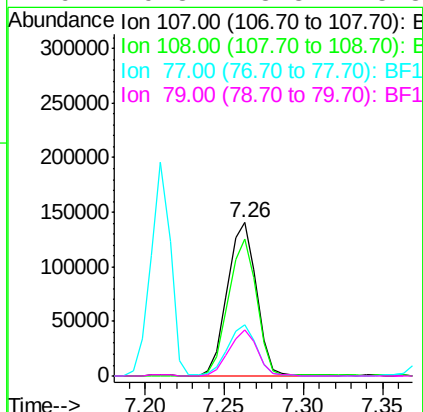
Instrument :
BNA_F
ClientSampleId :
78-64MSD

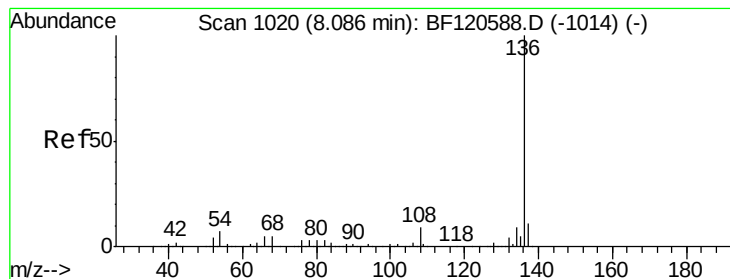
Tot Ion	70	Resp	112441
Ion Ratio	Lower	Upper	
70	100		
42	58.4	47.6	71.4
101	9.4	7.6	11.4
130	21.7	17.4	26.2



#20
3+4-Methylphenols
Concen: 47.211 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.06 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion	107	Resp	179589
Ion Ratio	Lower	Upper	
107	100		
108	89.7	70.9	110.9
77	33.4	95.7	135.7#
79	29.8	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.01 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

Instrument :

BNA_F

ClientSampleId :

78-64MSD

Tot Ion:136 Resp: 387505

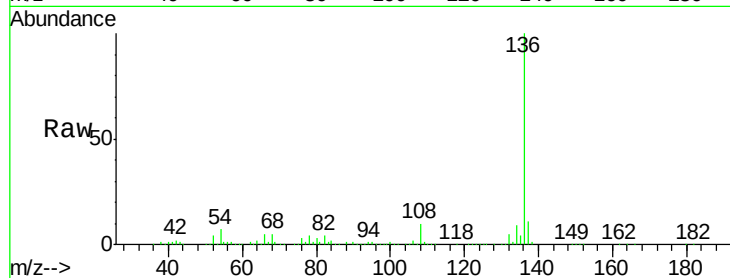
Ion Ratio Lower Upper

136 100

137 11.3 8.6 12.8

54 7.4 5.3 7.9

68 5.5 4.3 6.5

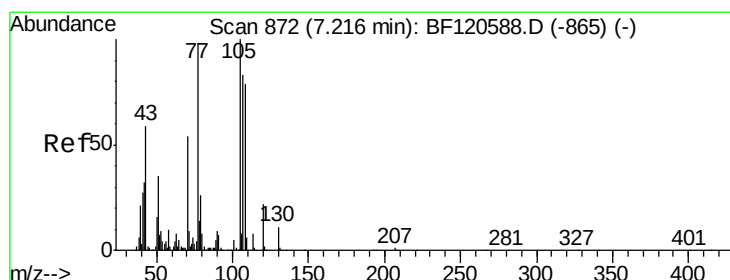
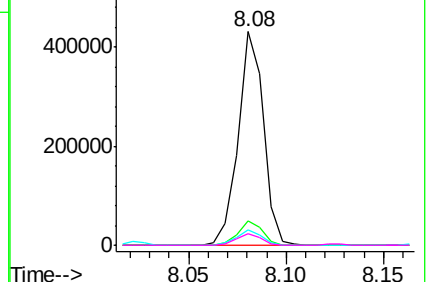
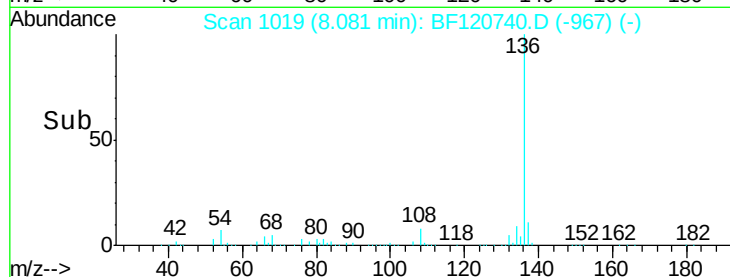


Abundance Ion 136.00 (135.70 to 136.70): E

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: 26.738 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.01 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

Tgt Ion:105 Resp: 231645

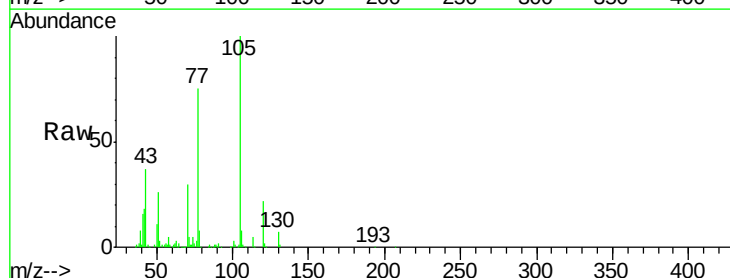
Ion Ratio Lower Upper

105 100

71 5.0 6.6 9.8#

51 26.1 27.4 41.0#

120 21.8 18.1 27.1

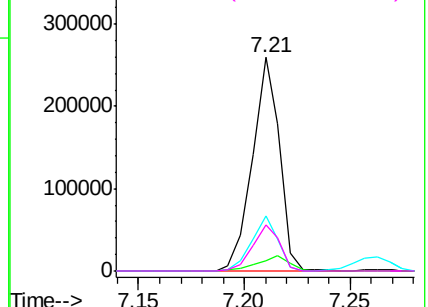
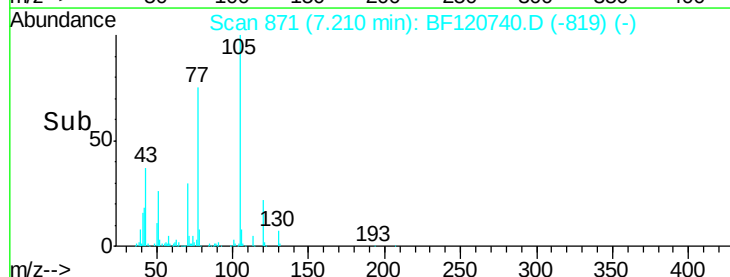


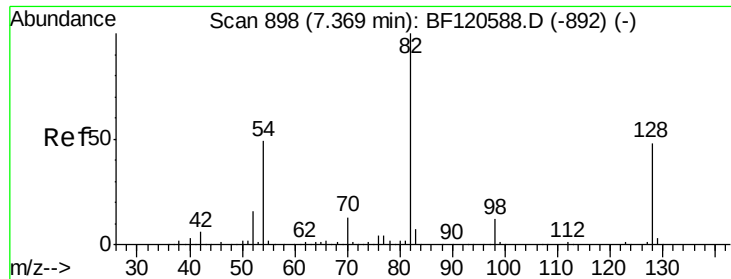
Abundance Ion 105.00 (104.70 to 105.70): E

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

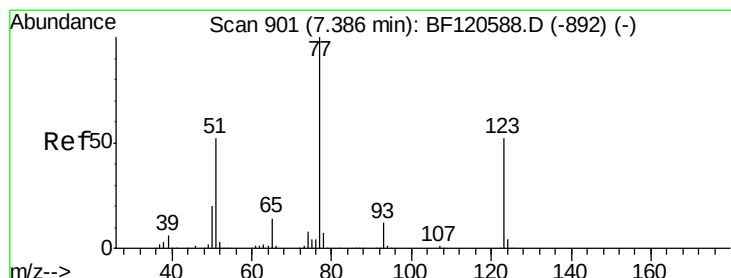
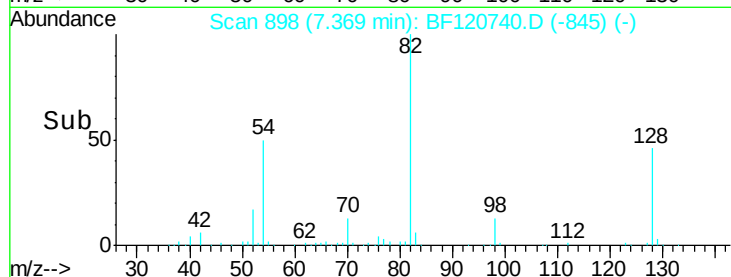
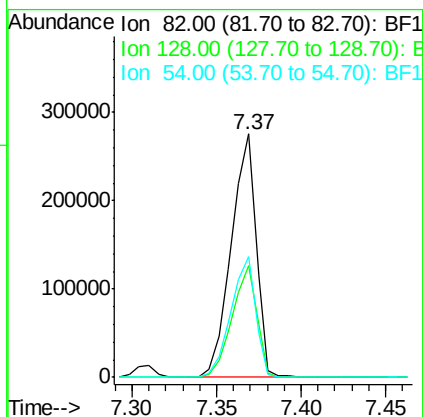
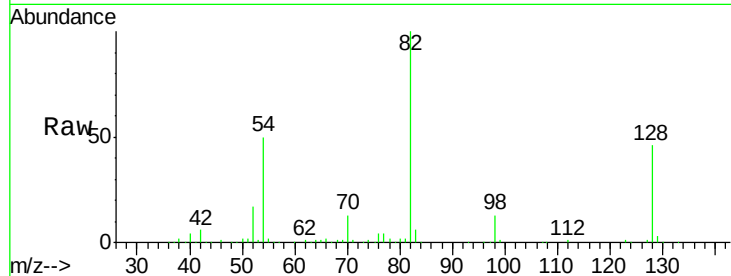




#23
 Nitrobenzene-d5
 Concen: 40.929 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.01 min
 Lab File: BF120740.D
 Acq: 29 Jun 2020 21:10

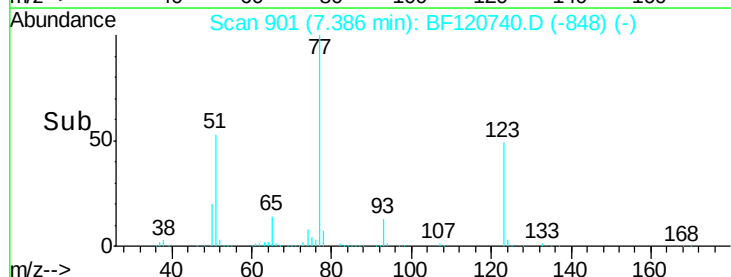
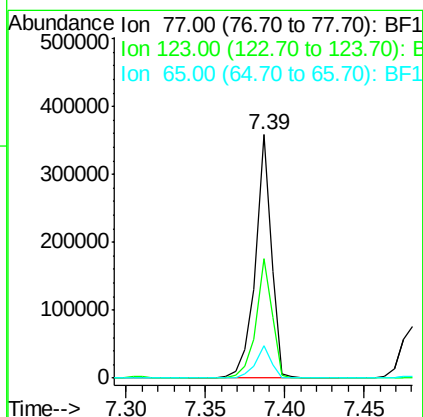
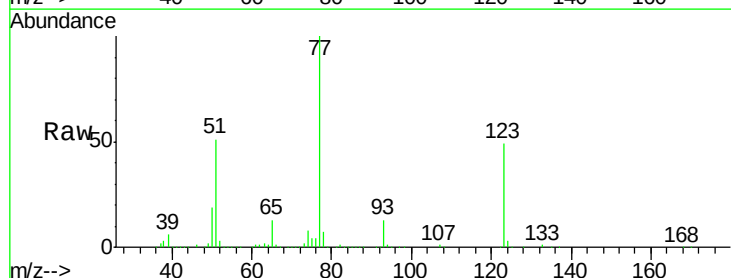
Instrument :
 BNA_F
 ClientSampleId :
 78-64MSD

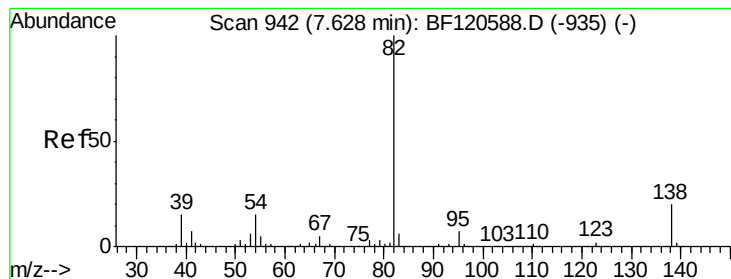
Tot Ion	82	Resp	283743
Ion Ratio	Lower	Upper	
82	100		
128	46.1	38.1	57.1
54	49.5	38.8	58.2



#24
 Nitrobenzene
 Concen: 34.421 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: BF120740.D
 Acq: 29 Jun 2020 21:10

Tgt Ion	77	Resp	249713
Ion Ratio	Lower	Upper	
77	100		
123	49.3	41.5	62.3
65	13.1	10.9	16.3





#25

Isophorone

Concen: 44.389 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.01 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

Instrument :

BNA_F

ClientSampleId :

78-64MSD

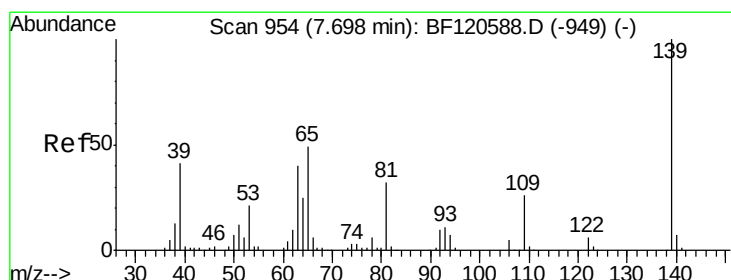
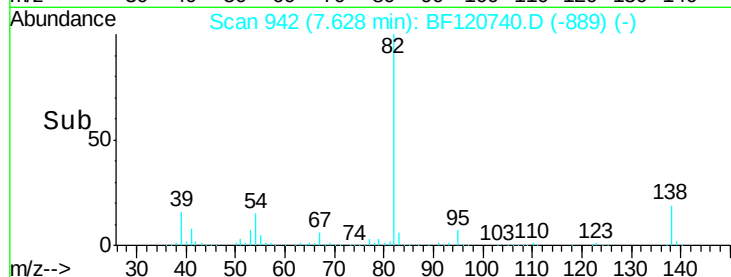
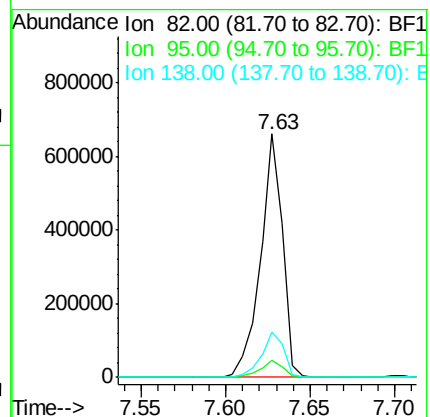
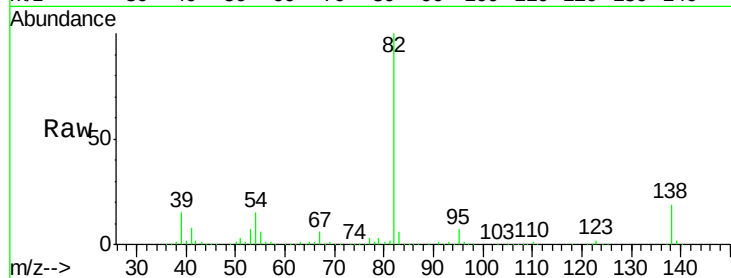
Tot Ion: 82 Resp: 599437

Ion Ratio Lower Upper

82 100

95 7.2 5.6 8.4

138 18.5 16.1 24.1



#26

2-Nitrophenol

Concen: 38.435 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

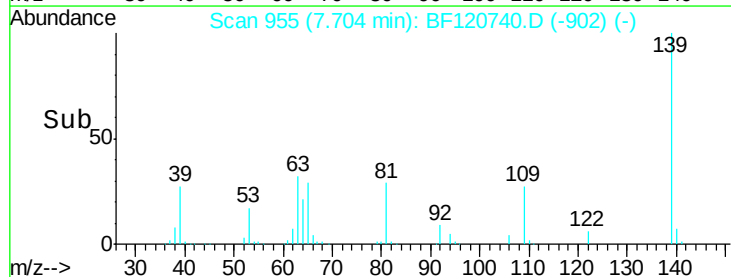
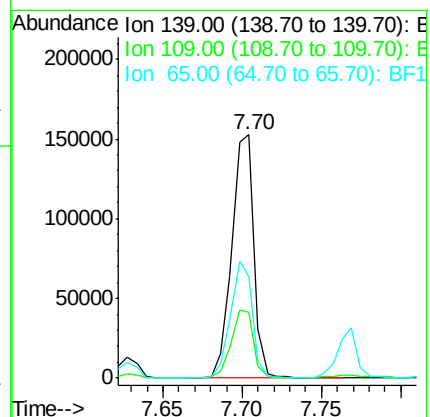
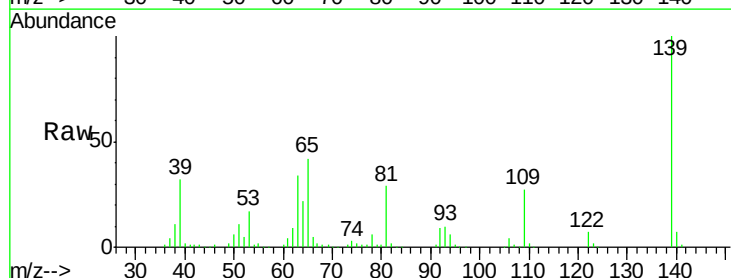
Tgt Ion: 139 Resp: 147512

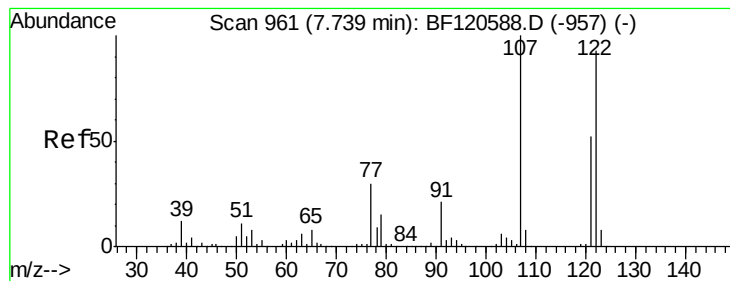
Ion Ratio Lower Upper

139 100

109 26.9 20.7 31.1

65 41.9 33.6 50.4





#27

2,4-Dimethylphenol

Concen: 50.539 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.04 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

Instrument :

BNA_F

ClientSampled :

78-64MSD

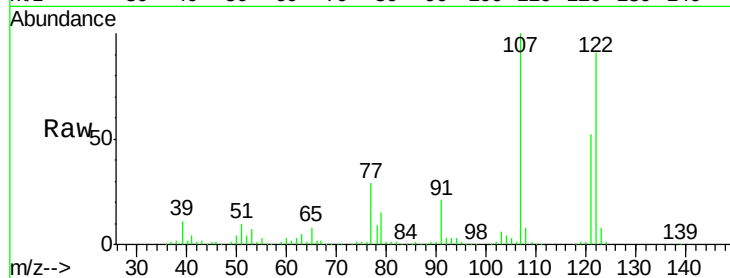
Tot Ion:122 Resp: 285598

Ion Ratio Lower Upper

122 100

107 109.9 89.4 134.2

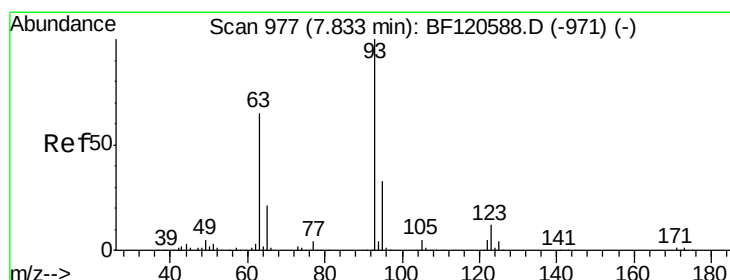
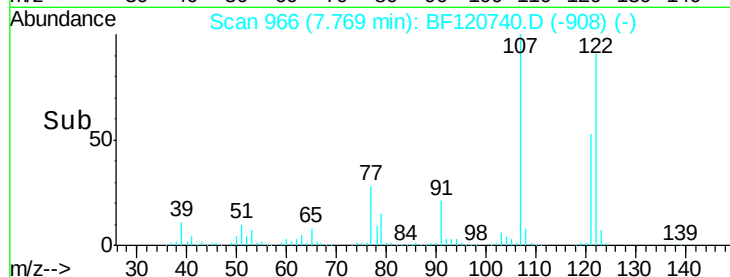
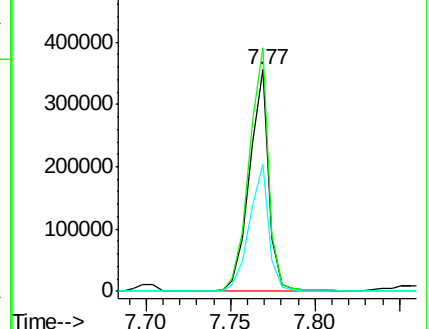
121 57.7 46.2 69.4



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: 48.376 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

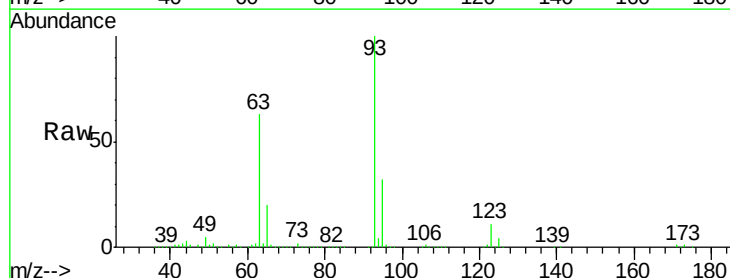
Tgt Ion: 93 Resp: 378689

Ion Ratio Lower Upper

93 100

95 32.1 26.2 39.2

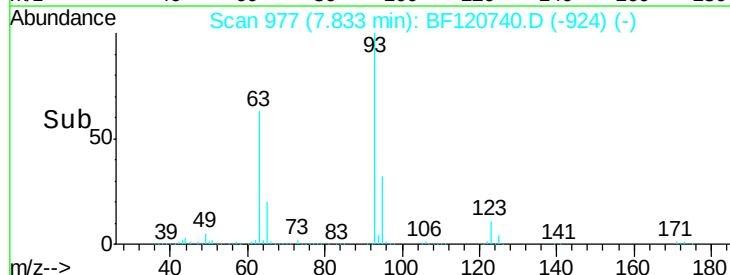
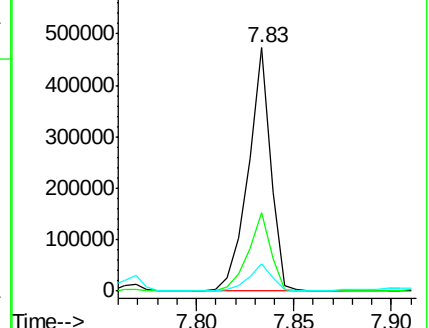
123 11.5 9.7 14.5

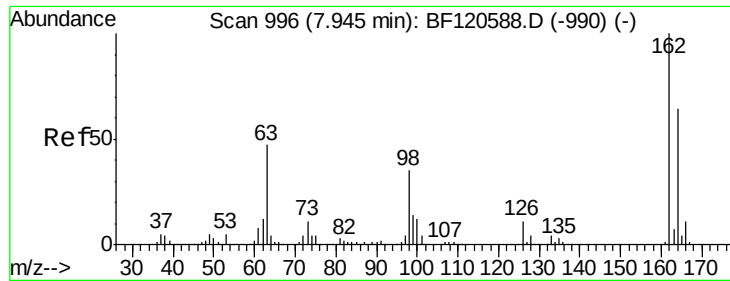


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

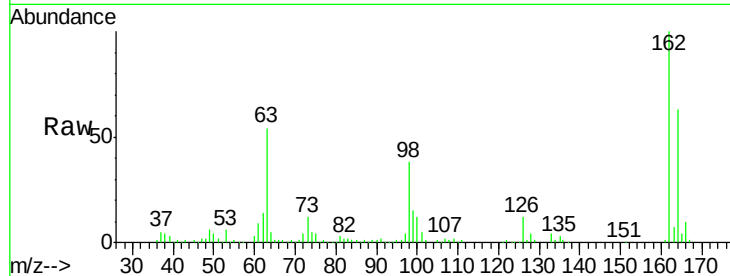




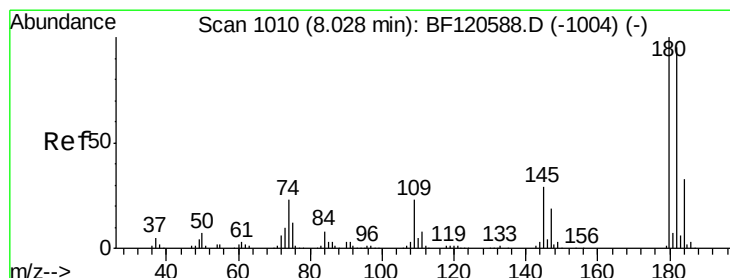
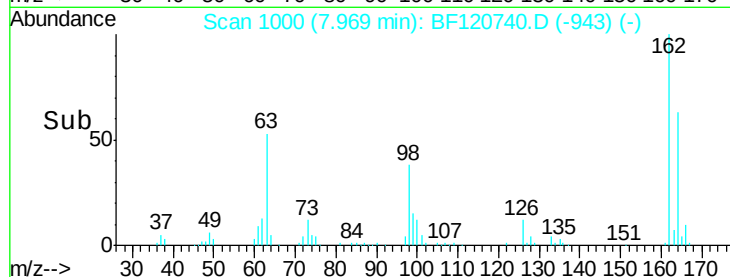
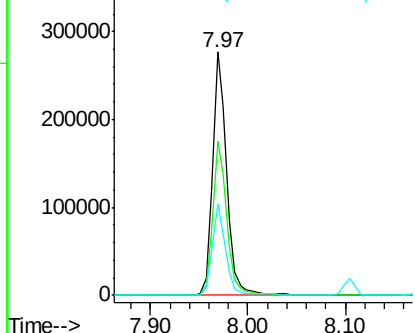
#29
 2,4-Dichlorophenol
 Concen: 48.248 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.04 min
 Lab File: BF120740.D
 Acq: 29 Jun 2020 21:10

Instrument :
 BNA_F
 ClientSampleId :
 78-64MSD

Tot Ion:162 Resp: 277145
 Ion Ratio Lower Upper
 162 100
 164 63.3 45.1 85.1
 98 37.7 16.2 56.2

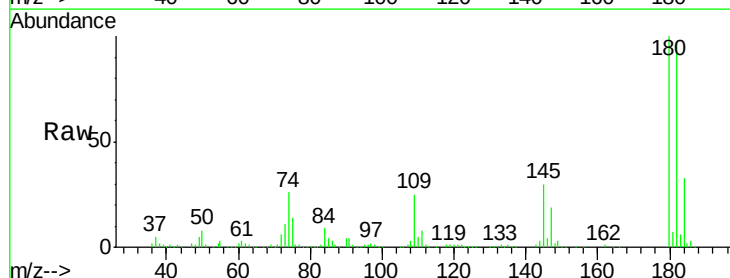


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

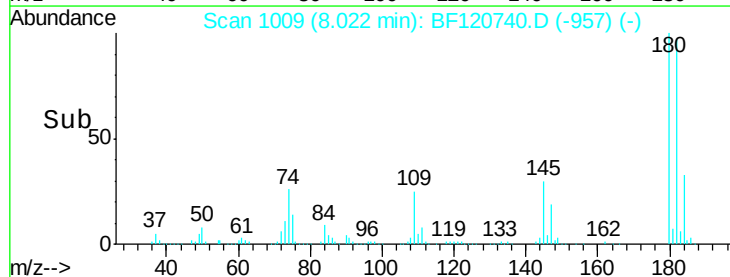
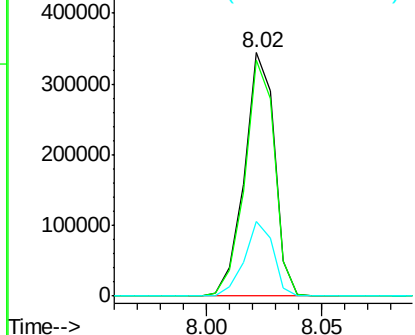


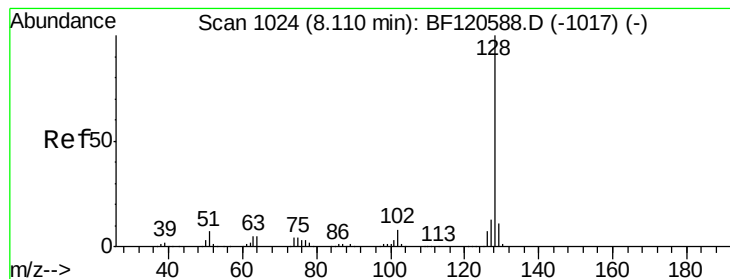
#30
 1,2,4-Trichlorobenzene
 Concen: 49.373 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.01 min
 Lab File: BF120740.D
 Acq: 29 Jun 2020 21:10

Tgt Ion:180 Resp: 314296
 Ion Ratio Lower Upper
 180 100
 182 96.9 76.0 114.0
 145 30.4 23.4 35.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 55.991 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

Instrument :

BNA_F

ClientSampleId :

78-64MSD

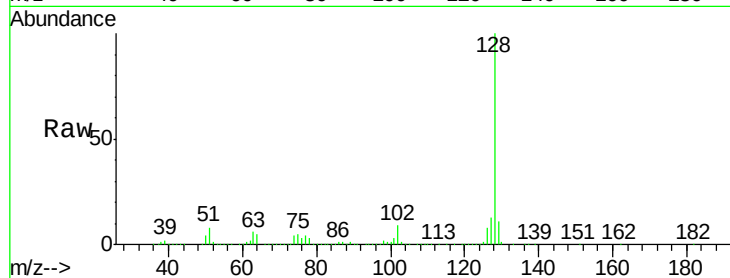
Tot Ion:128 Resp: 1065394

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

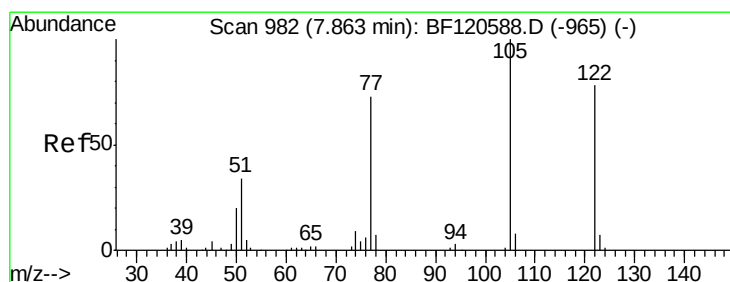
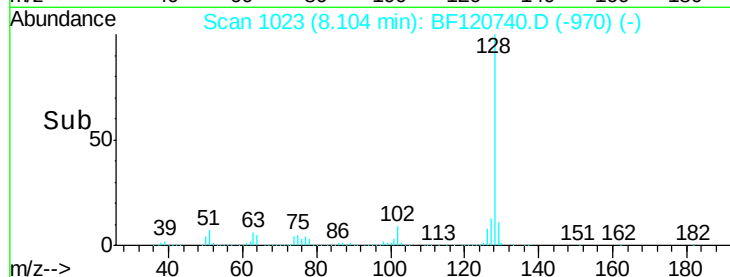
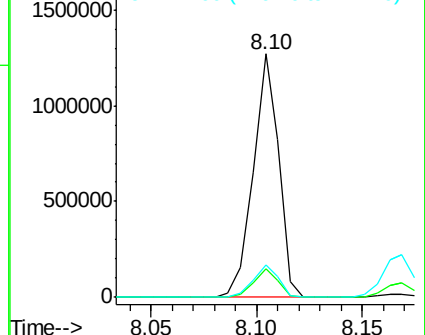
127 13.4 10.7 16.1



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: 47.372 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.05 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

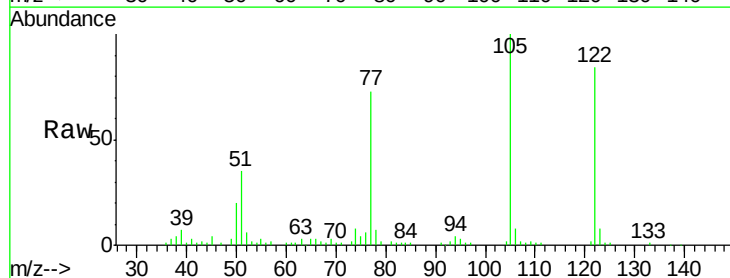
Tgt Ion:122 Resp: 205395

Ion Ratio Lower Upper

122 100

105 119.6 98.4 138.4

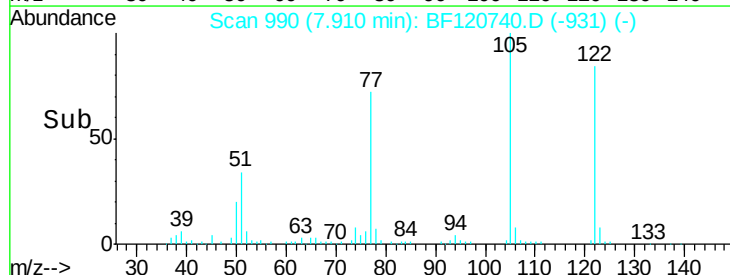
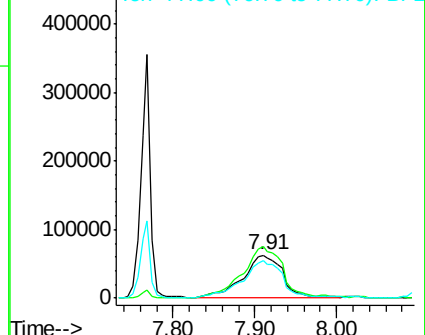
77 87.5 63.8 103.8

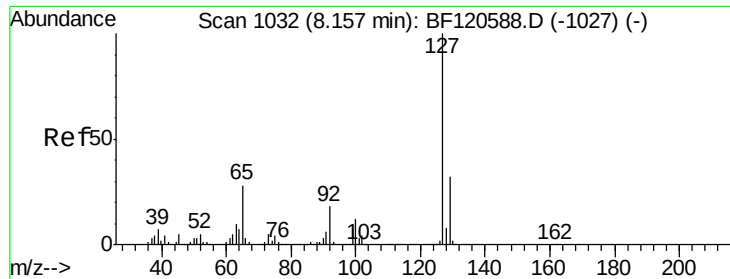


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

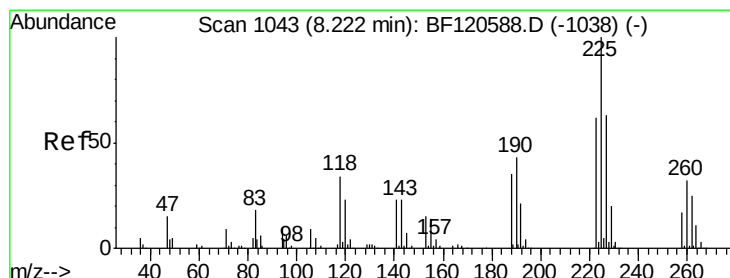
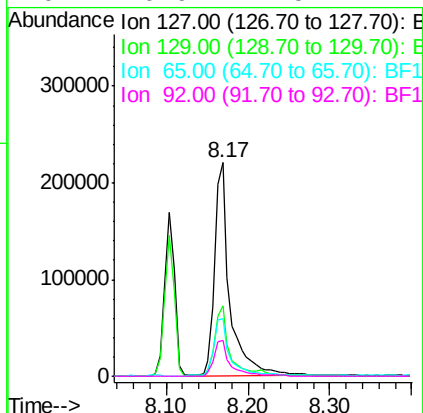
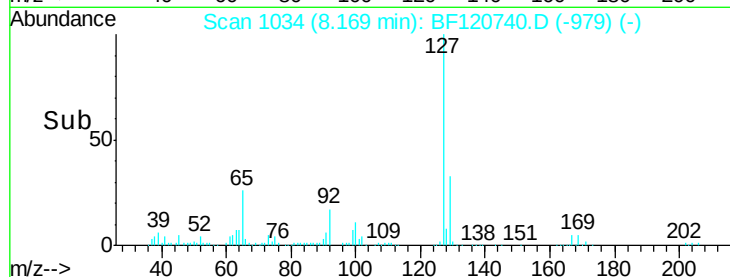
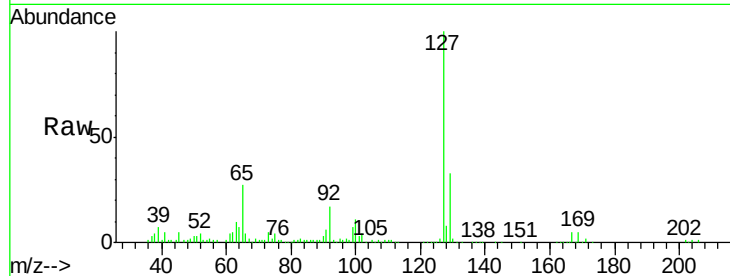




#33
4-Chloroaniline
Concen: 33.043 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.02 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

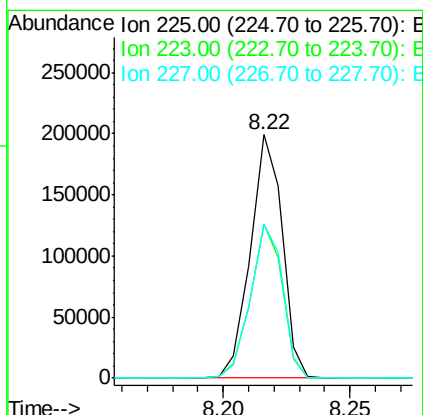
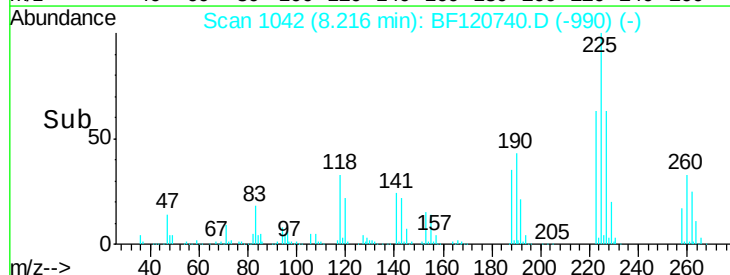
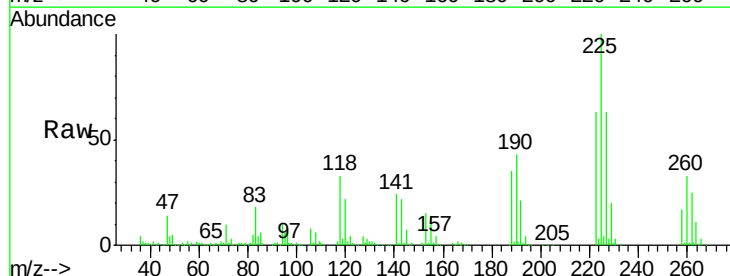
Instrument :
BNA_F
ClientSampleId :
78-64MSD

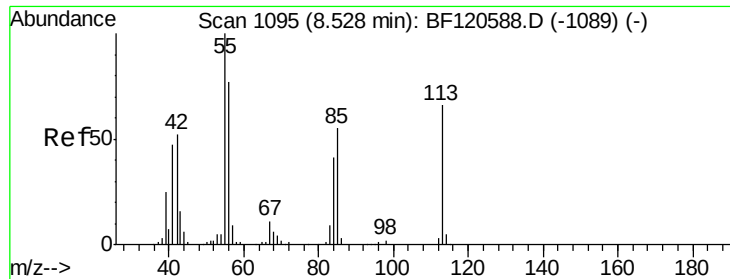
Tot Ion:	127	Resp:	288582
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.2
65	27.1	21.8	32.6
92	16.9	14.5	21.7



#34
Hexachlorobutadiene
Concen: 46.933 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion:	225	Resp:	174153
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.0	75.0
227	63.1	50.5	75.7

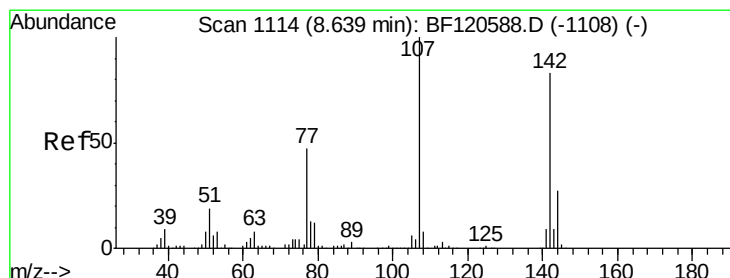
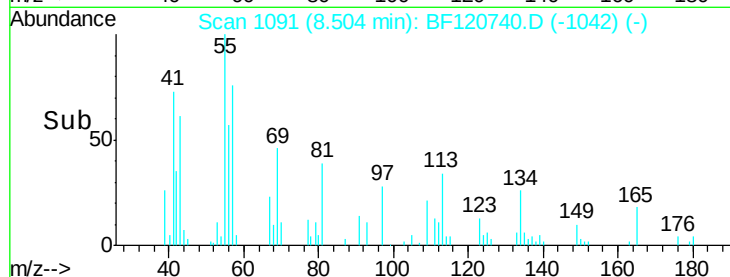
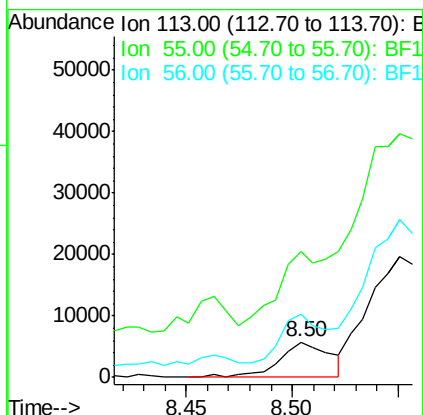
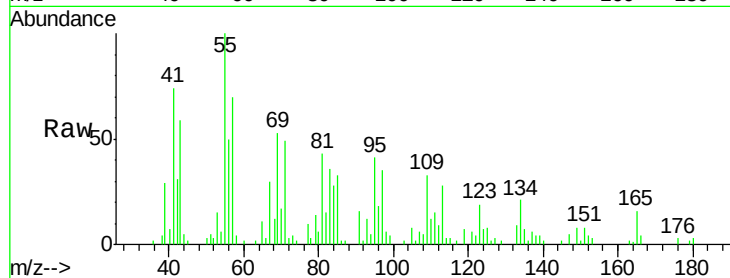




#35
 Caprolactam
 Concen: 5.246 ng
 RT: 8.50 min Scan# 1091
 Delta R.T. -0.01 min
 Lab File: BF120740.D
 Acq: 29 Jun 2020 21:10

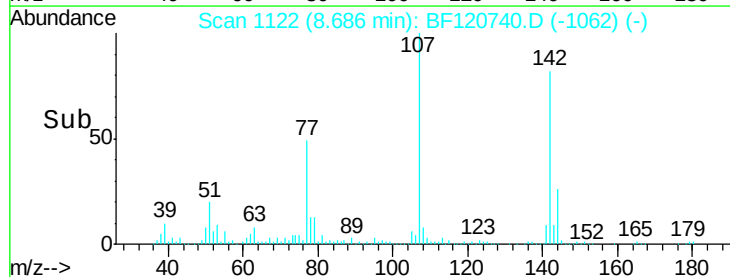
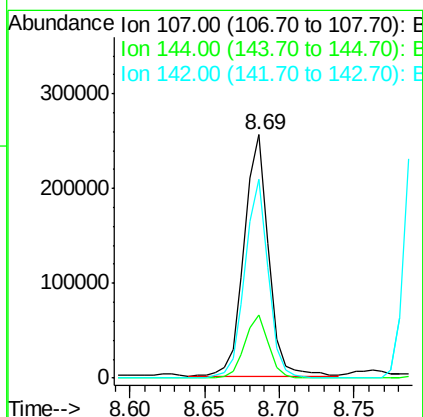
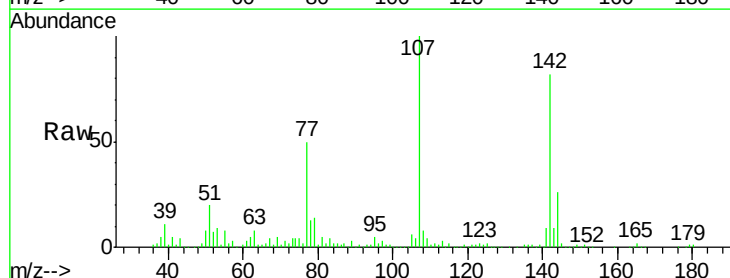
Instrument :
 BNA_F
 ClientSampleId :
 78-64MSD

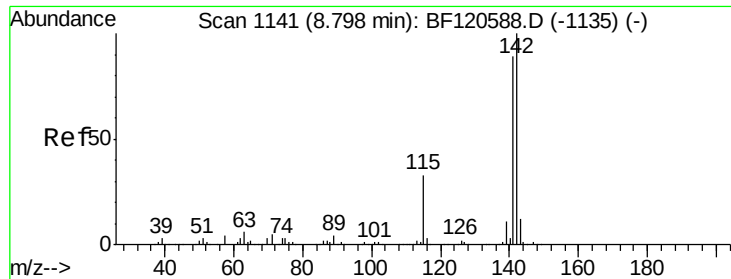
Tot Ion:113 Resp: 9638
 Ion Ratio Lower Upper
 113 100
 55 358.5 143.7 183.7#
 56 180.5 98.6 138.6#



#36
 4-Chloro-3-methylphenol
 Concen: 50.523 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.05 min
 Lab File: BF120740.D
 Acq: 29 Jun 2020 21:10

Tgt Ion:107 Resp: 289945
 Ion Ratio Lower Upper
 107 100
 144 26.1 21.9 32.9
 142 81.6 67.7 101.5

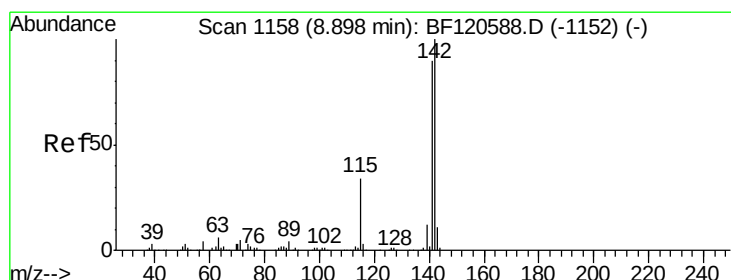
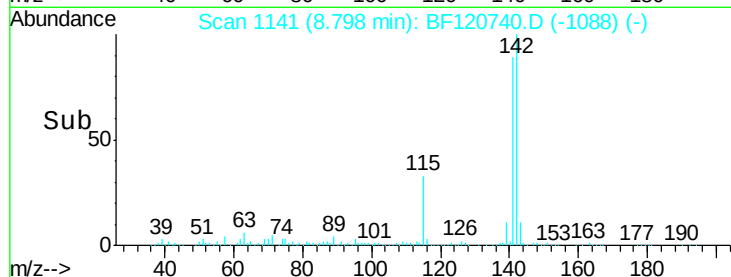
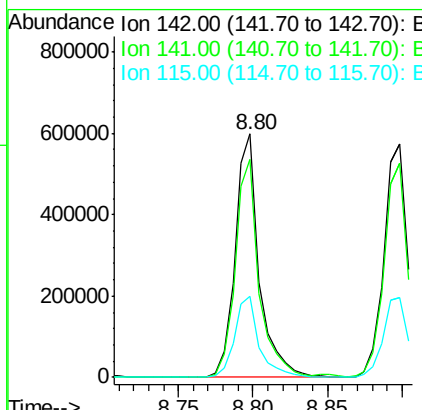
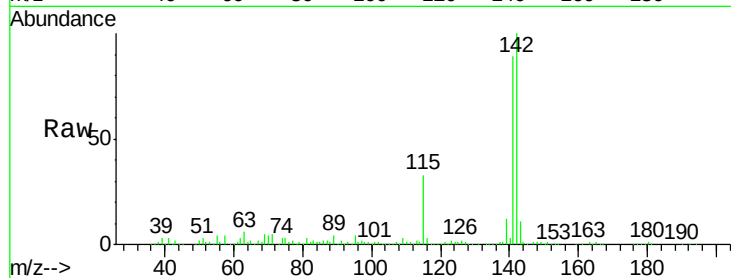




#37
2-Methylnaphthalene
Concen: 54.192 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

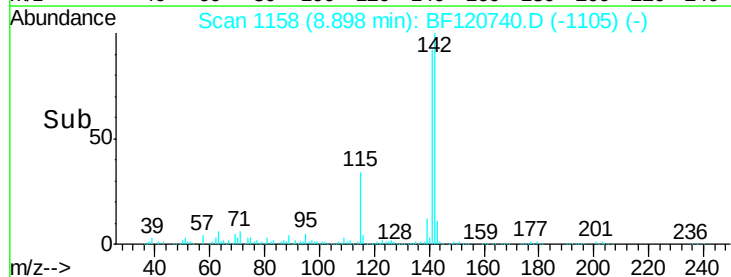
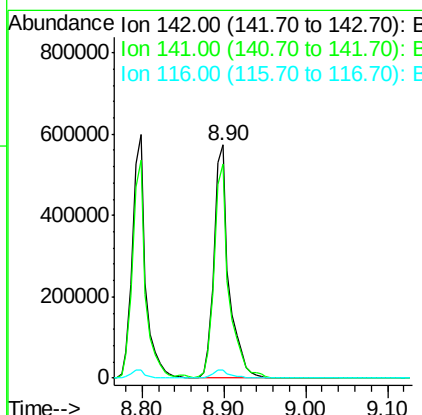
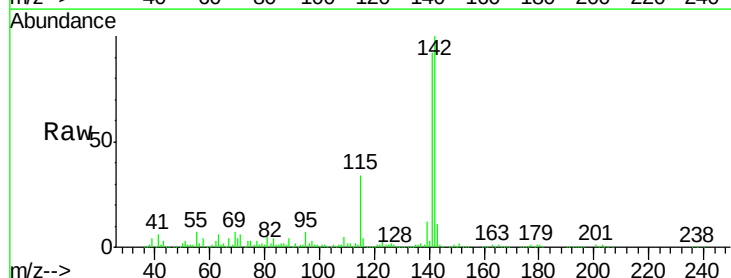
Instrument :
BNA_F
ClientSampleId :
78-64MSD

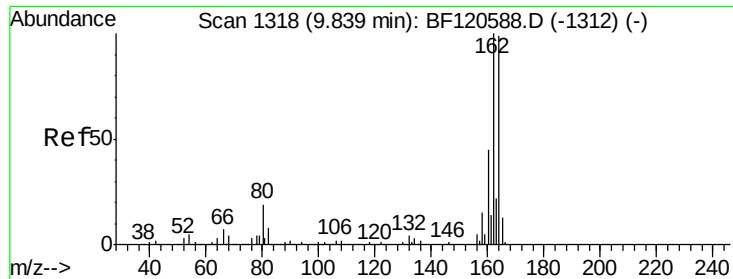
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	69.2	103.8
115	33.3	26.3	39.5



#38
1-Methylnaphthalene
Concen: 62.065 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.7	109.1
116	3.5	2.7	4.1

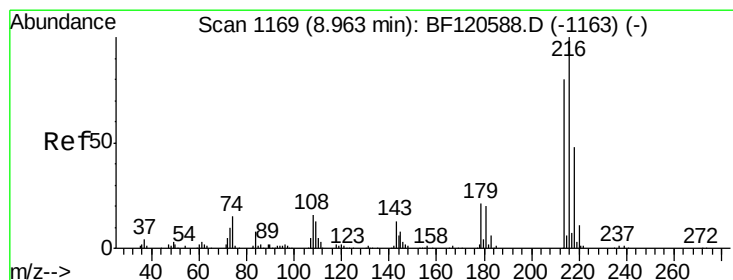
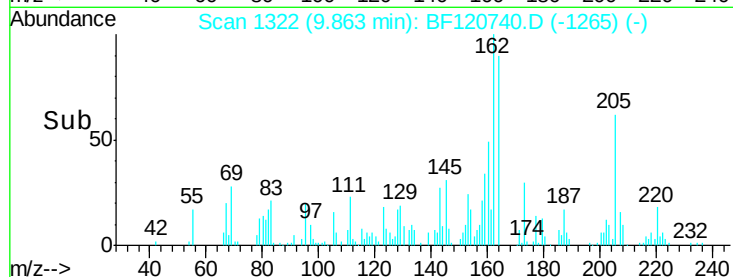
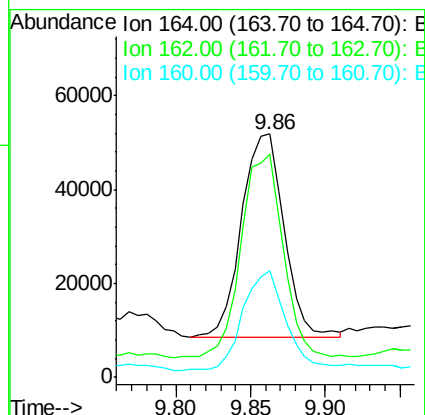
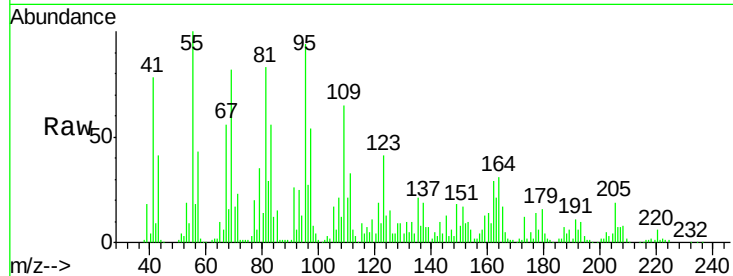




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.04 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

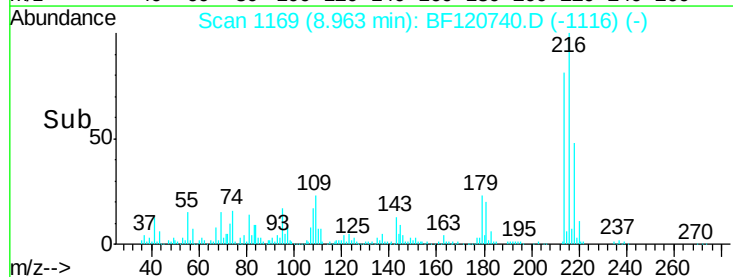
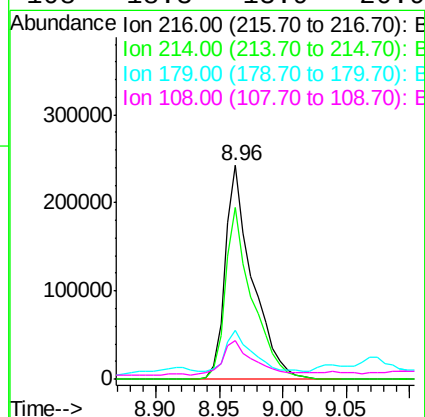
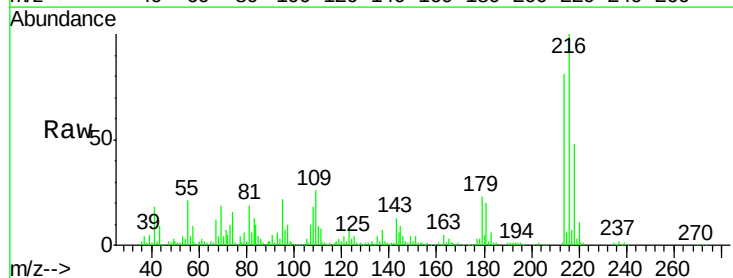
Instrument :
BNA_F
ClientSampleId :
78-64MSD

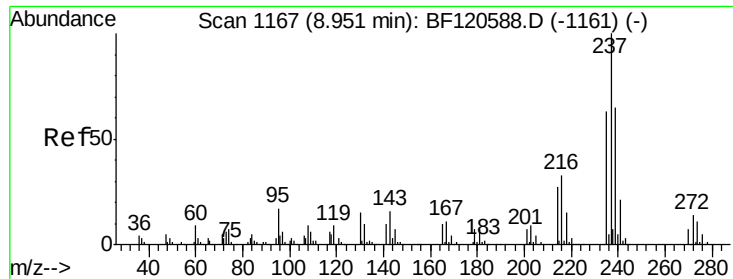
Tot Ion:164 Resp: 85053
Ion Ratio Lower Upper
164 100
162 91.4 81.4 122.0
160 43.6 36.6 55.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 140.684 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion:216 Resp: 357284
Ion Ratio Lower Upper
216 100
214 79.4 63.1 94.7
179 18.3 16.3 24.5
108 18.3 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 45.849 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.01 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

Instrument :

BNA_F

ClientSampleId :

78-64MSD

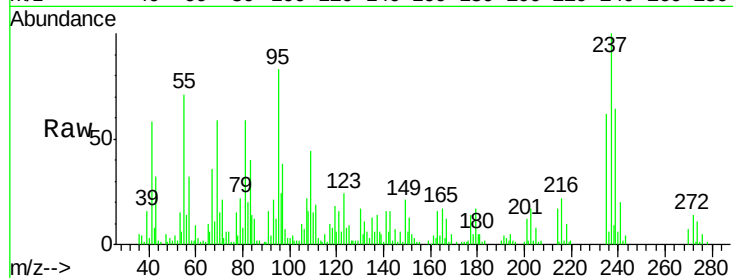
Tot Ion:237 Resp: 65249

Ion Ratio Lower Upper

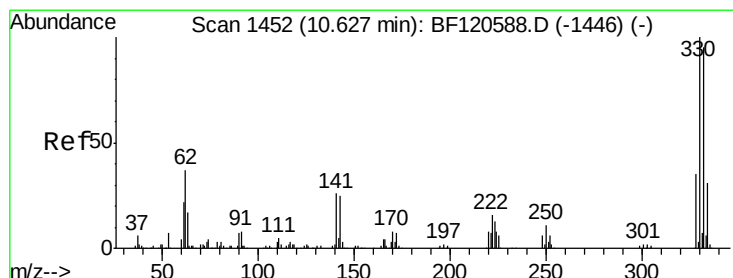
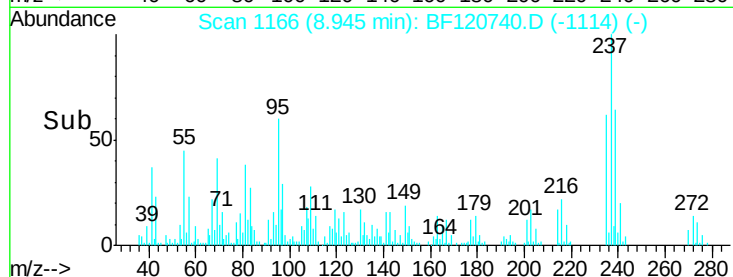
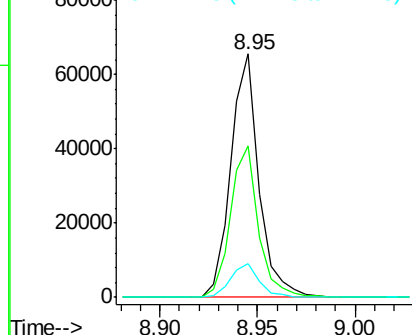
237 100

235 62.1 42.2 82.2

272 13.6 0.0 33.6



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: 121.991 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.05 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

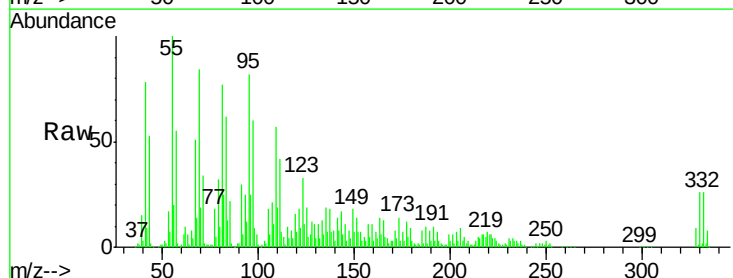
Tgt Ion:330 Resp: 120632

Ion Ratio Lower Upper

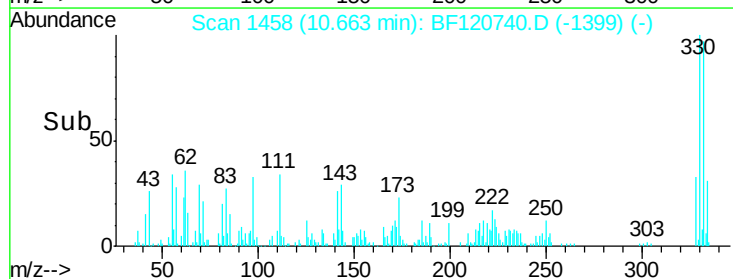
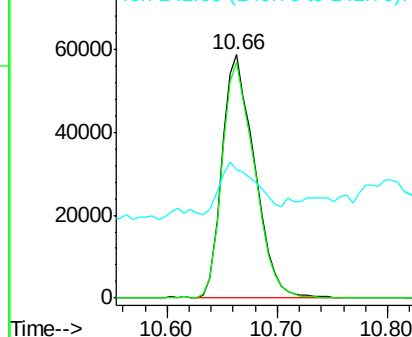
330 100

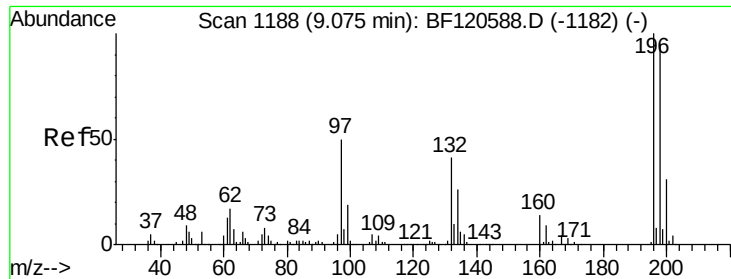
332 96.6 76.4 114.6

141 24.2 23.0 34.6



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

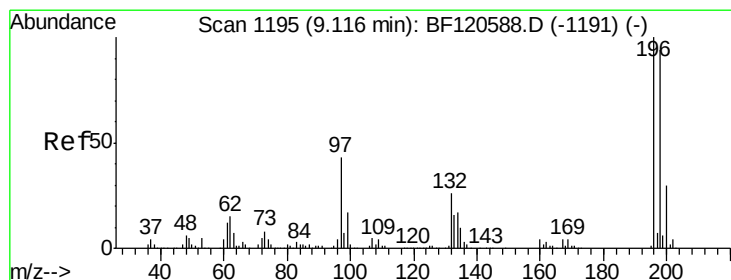
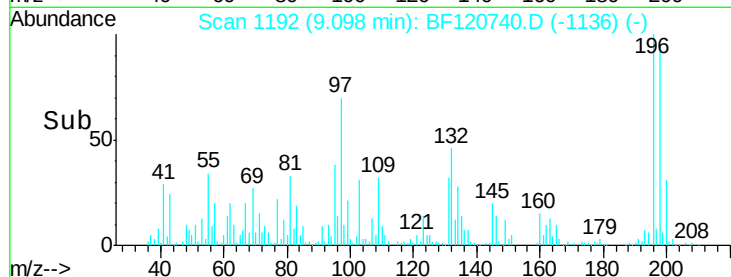
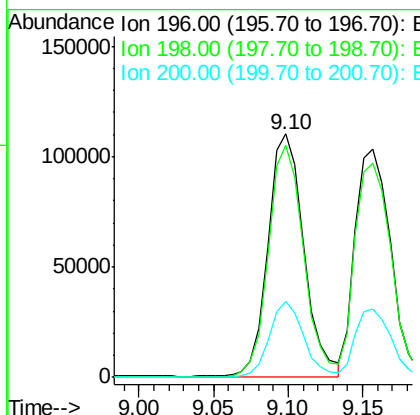
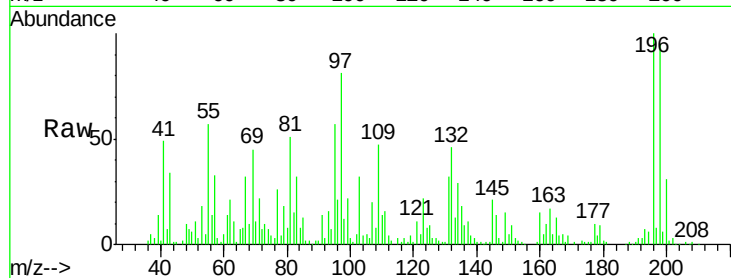




#43
 2,4,6-Trichlorophenol
 Concen: 101.821 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.03 min
 Lab File: BF120740.D
 Acq: 29 Jun 2020 21:10

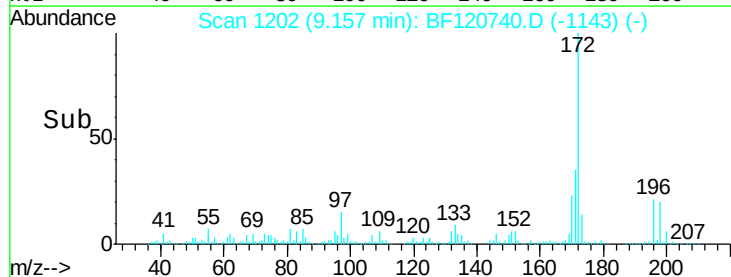
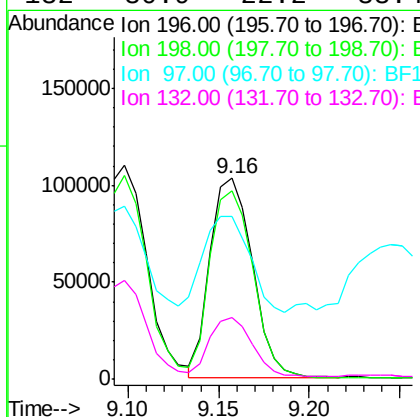
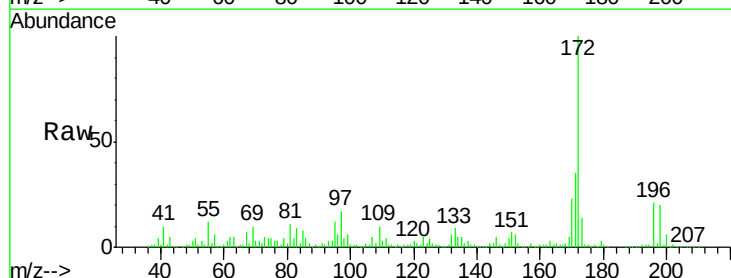
Instrument :
 BNA_F
 ClientSampled :
 78-64MSD

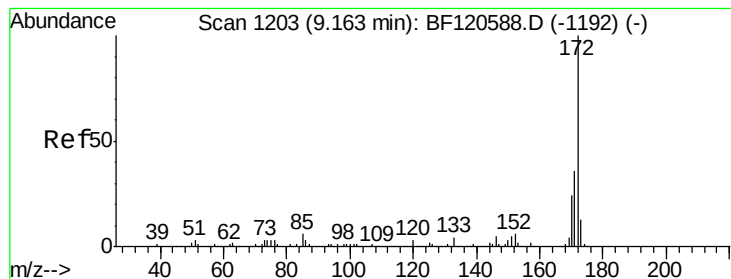
Tot Ion:196 Resp: 183431
 Ion Ratio Lower Upper
 196 100
 198 95.1 77.8 116.6
 200 31.4 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 82.008 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.05 min
 Lab File: BF120740.D
 Acq: 29 Jun 2020 21:10

Tgt Ion:196 Resp: 167612
 Ion Ratio Lower Upper
 196 100
 198 93.5 76.2 114.2
 97 80.8 35.8 53.8#
 132 30.9 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 173.077 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.01 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

Instrument :

BNA_F

ClientSampleId :

78-64MSD

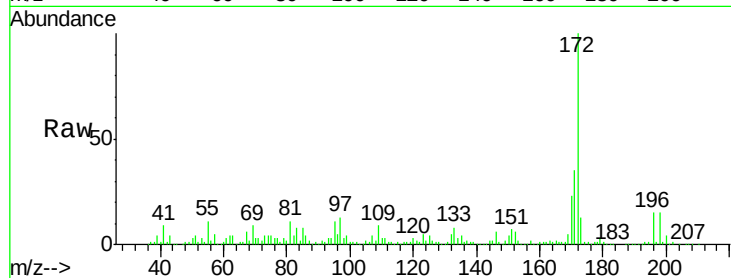
Tot Ion:172 Resp: 962145

Ion Ratio Lower Upper

172 100

171 35.1 28.6 43.0

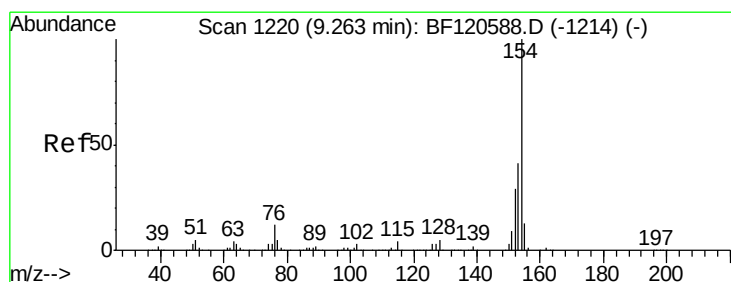
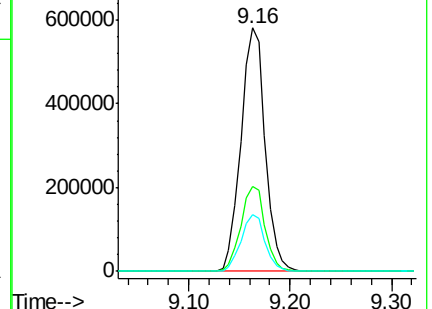
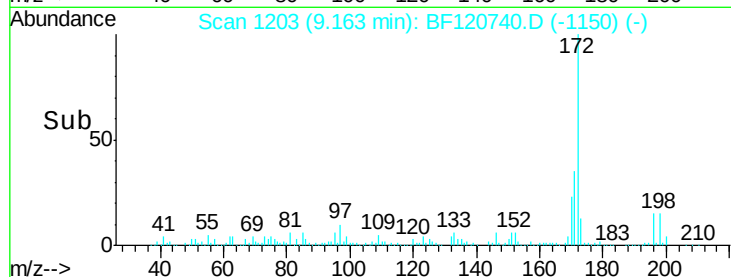
170 23.4 19.1 28.7



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: 129.137 ng

RT: 9.27 min Scan# 1221

Delta R.T. 0.02 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

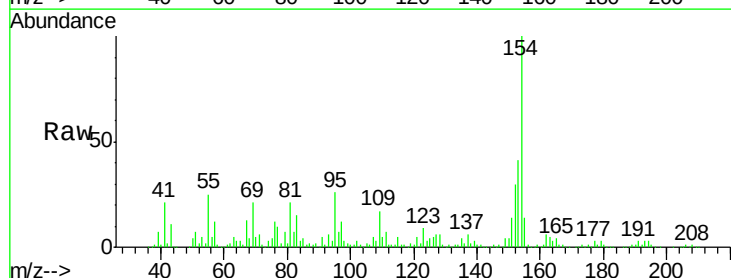
Tgt Ion:154 Resp: 820146

Ion Ratio Lower Upper

154 100

153 41.1 19.9 59.9

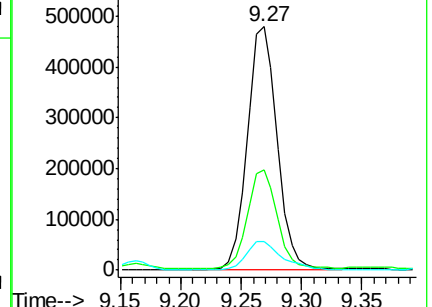
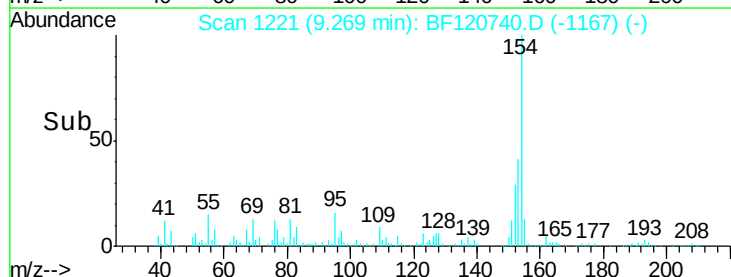
76 12.0 0.0 31.0

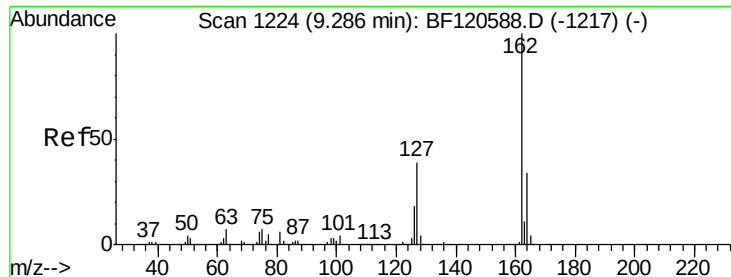


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

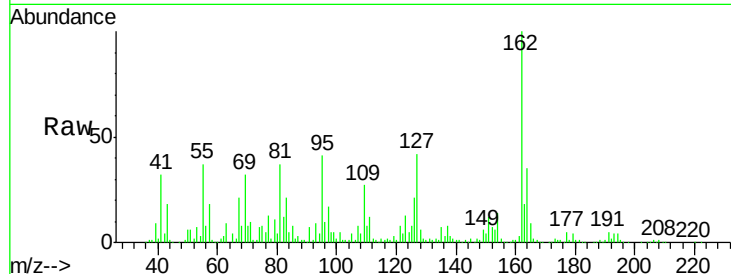




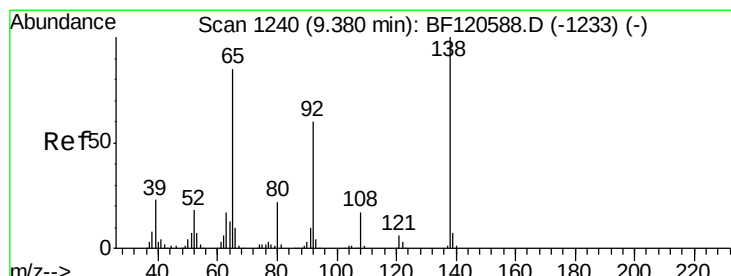
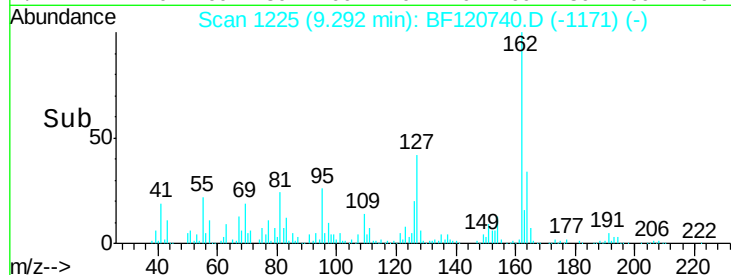
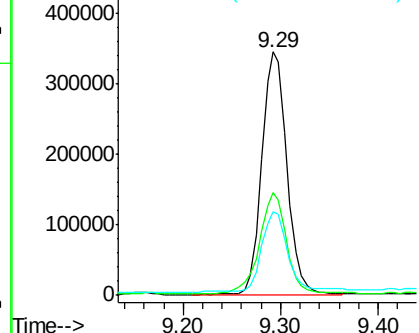
#47
2-Chloronaphthalene
Concen: 119.651 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.02 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Instrument :
BNA_F
ClientSampleId :
78-64MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.1	31.2	46.8
164	34.5	26.6	40.0

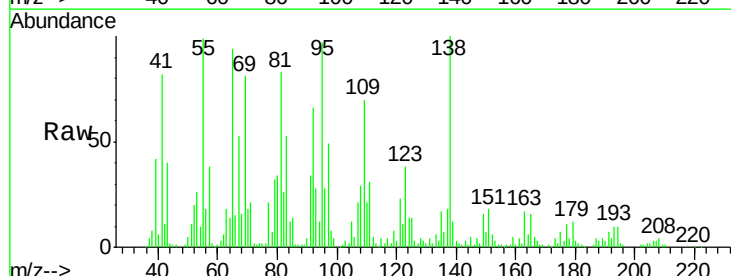


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

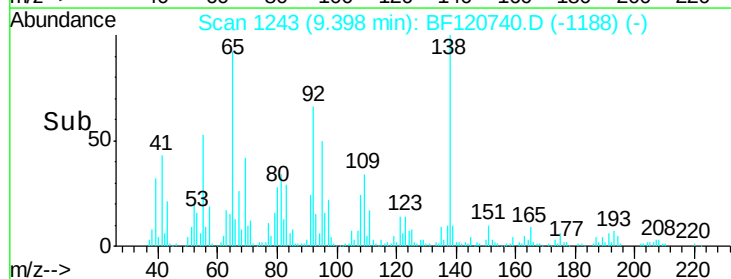
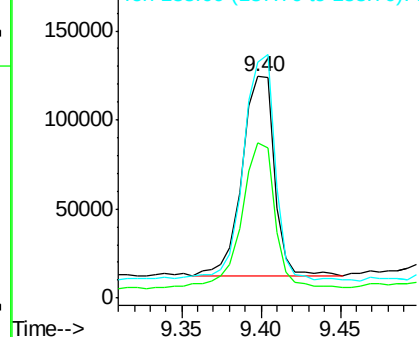


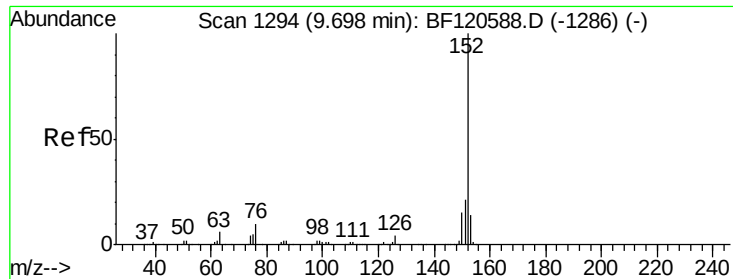
#48
2-Nitroaniline
Concen: 97.367 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.02 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.3	57.7	86.5
138	106.2	96.6	145.0



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: 95.595 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.04 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

Instrument :

BNA_F

ClientSampleId :

78-64MSD

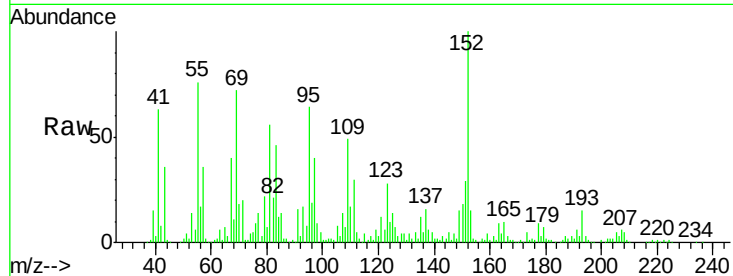
Tot Ion:152 Resp: 766201

Ion Ratio Lower Upper

152 100

151 29.0 15.8 23.8#

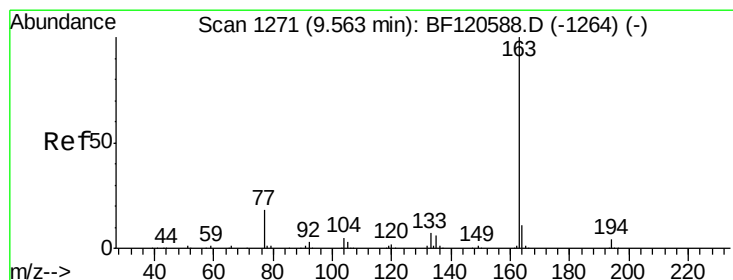
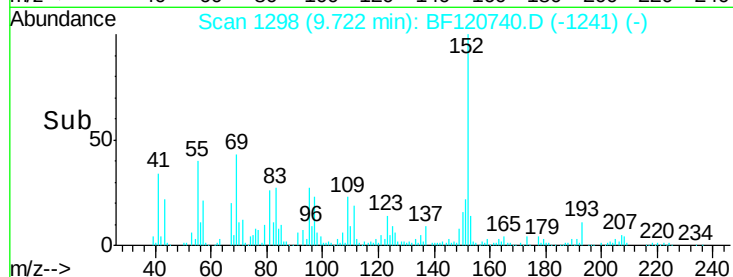
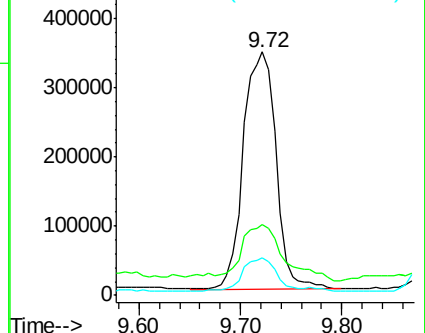
153 15.3 10.9 16.3



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: 101.246 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.02 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

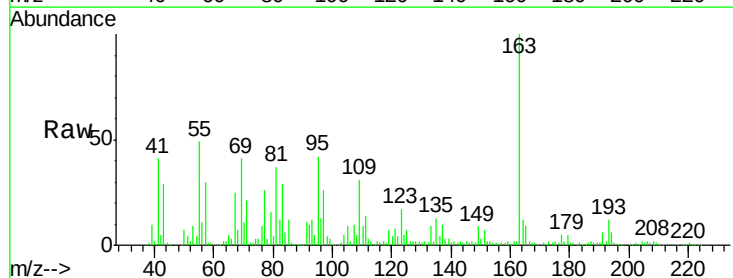
Tgt Ion:163 Resp: 620188

Ion Ratio Lower Upper

163 100

194 6.3 3.0 4.6#

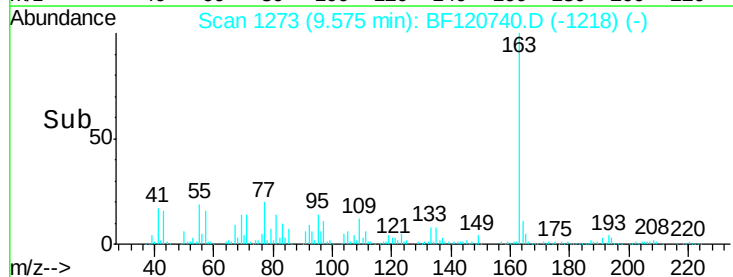
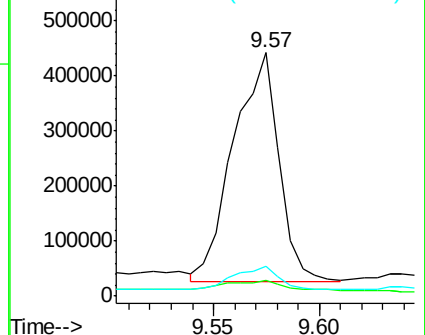
164 12.1 8.2 12.2

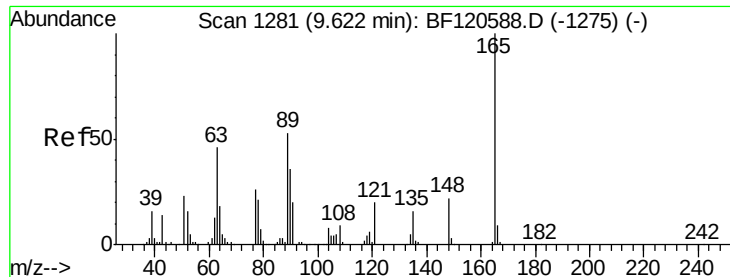


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 130.250 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.02 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

Instrument :

BNA_F

ClientSampleId :

78-64MSD

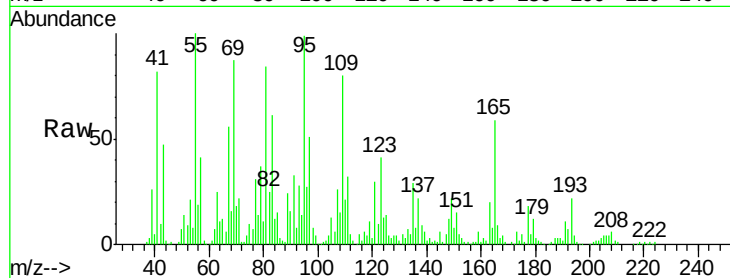
Tot Ion:165 Resp: 180816

Ion Ratio Lower Upper

165 100

63 42.3 36.8 55.2

89 40.6 39.4 59.0

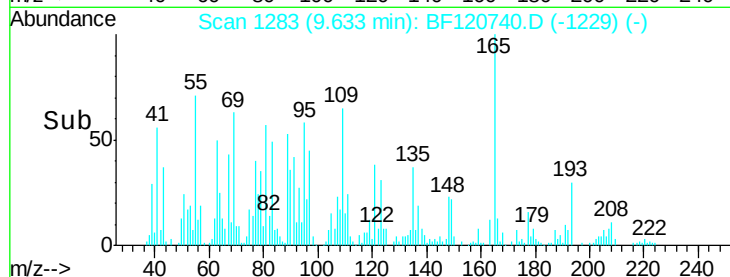


Abundance Ion 165.00 (164.70 to 165.70): E

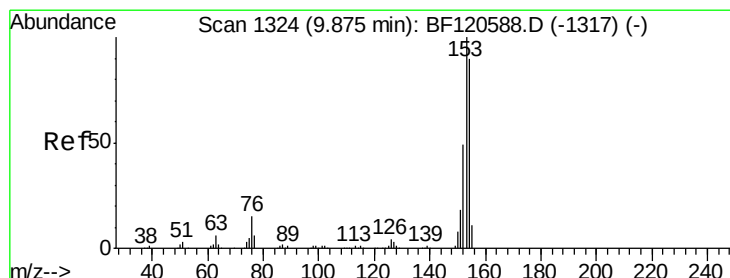
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



Time-->



#52

Acenaphthene

Concen: 50.504 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.03 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

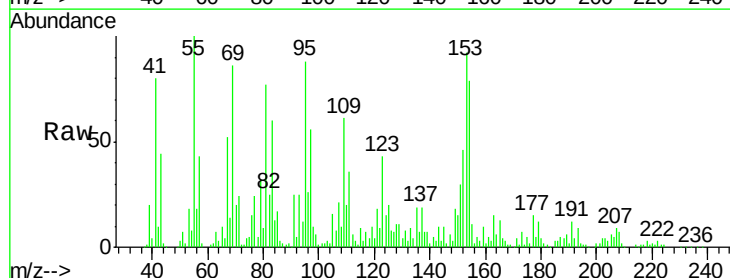
Tgt Ion:154 Resp: 241421

Ion Ratio Lower Upper

154 100

153 117.2 90.1 135.1

152 58.0 43.1 64.7

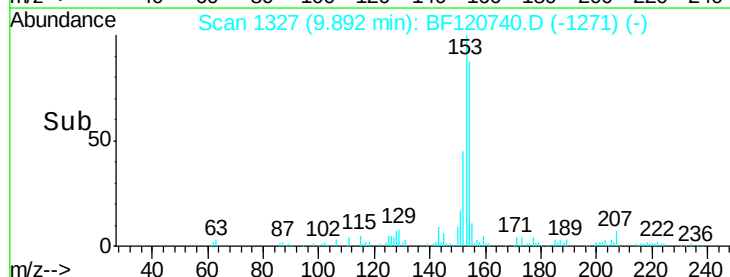


Abundance Ion 154.00 (153.70 to 154.70): E

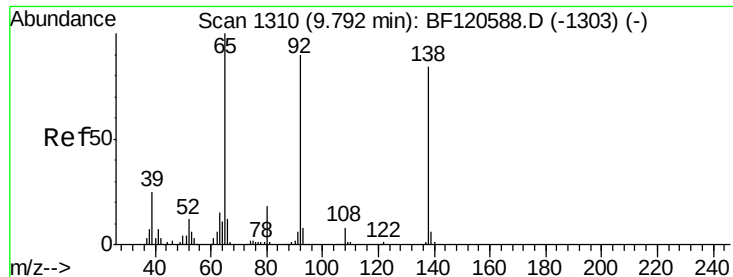
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



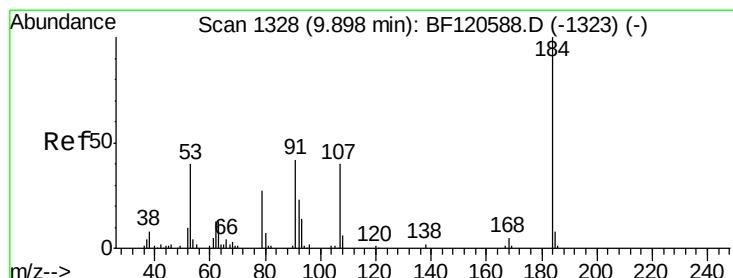
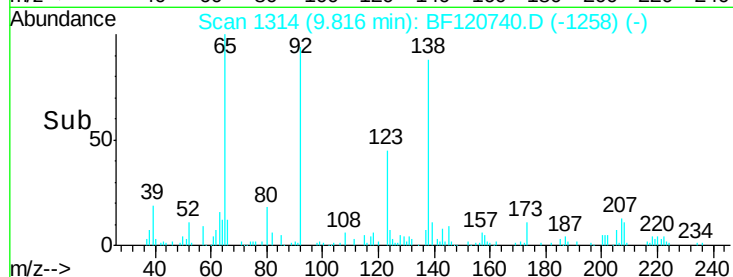
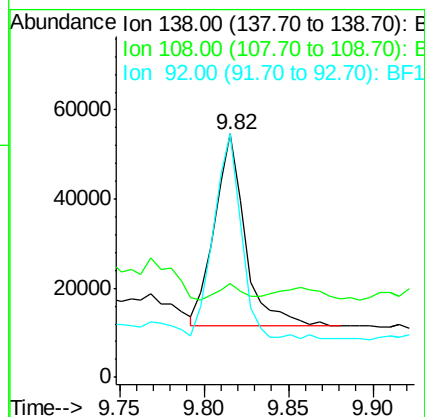
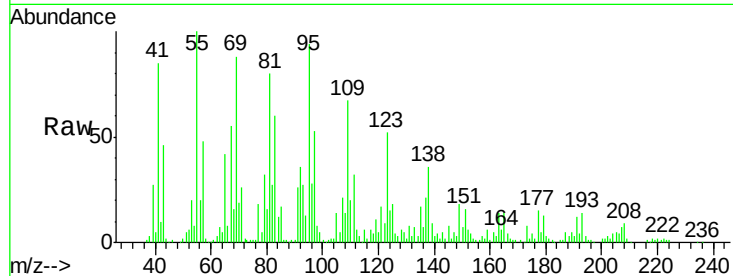
Time-->



#53
3-Nitroaniline
Concen: 32.986 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.03 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

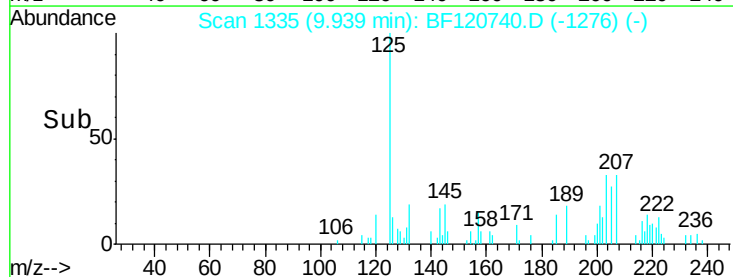
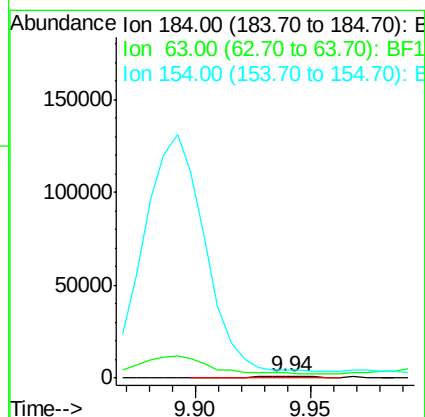
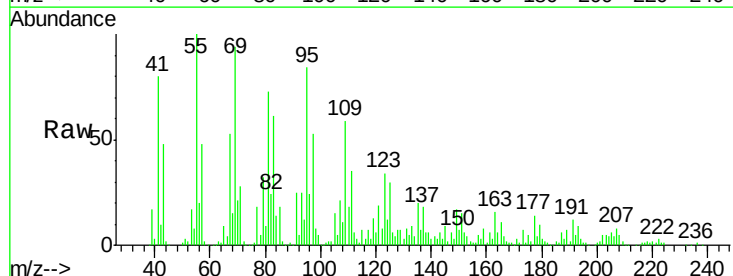
Instrument :
BNA_F
ClientSampleId :
78-64MSD

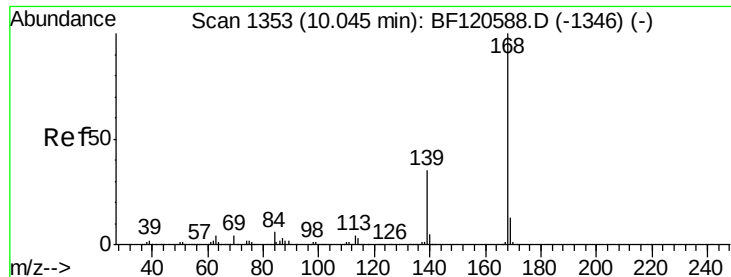
Tot Ion:138 Resp: 55001
Ion Ratio Lower Upper
138 100
108 38.3 7.6 11.4#
92 99.9 82.2 123.4



#54
2,4-Dinitrophenol
Concen: 5.300 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.05 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion:184 Resp: 1895
Ion Ratio Lower Upper
184 100
63 401.4 47.4 71.0#
154 596.6 45.3 67.9#





#55

Dibenzenofuran

Concen: 49.262 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.04 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

Instrument :

BNA_F

ClientSampleId :

78-64MSD

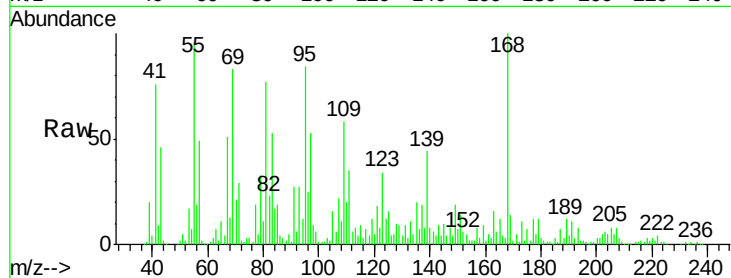
Tot Ion:168 Resp: 361073

Ion Ratio Lower Upper

168 100

139 43.5 28.6 43.0#

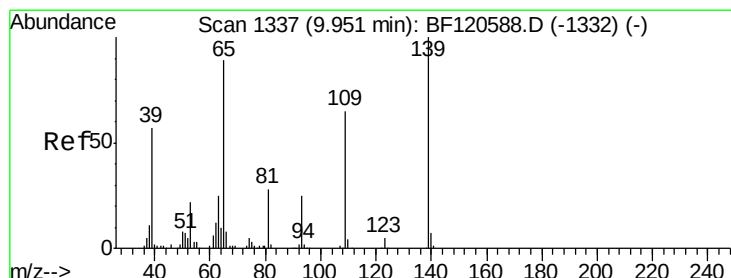
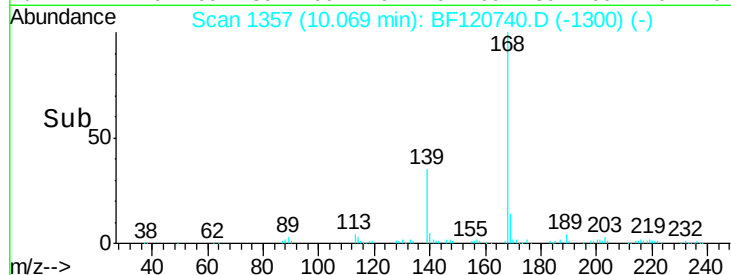
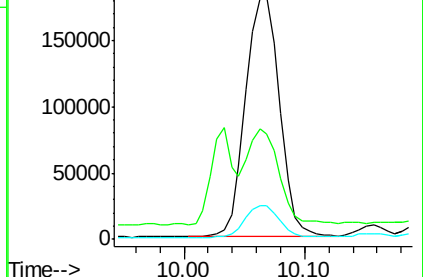
169 14.0 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 75.655 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.08 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

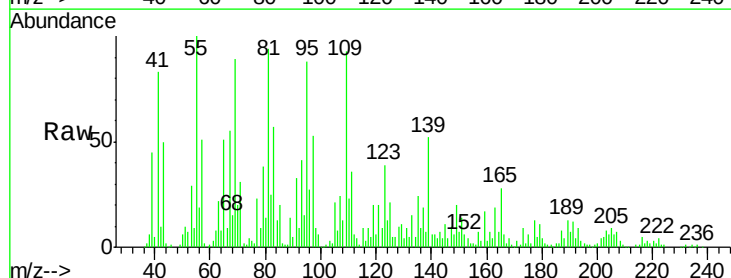
Tgt Ion:139 Resp: 95007

Ion Ratio Lower Upper

139 100

109 178.7 44.5 84.5#

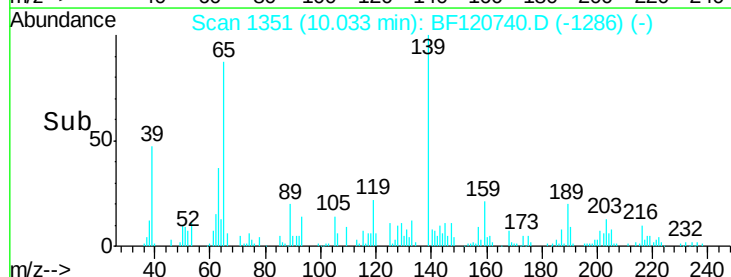
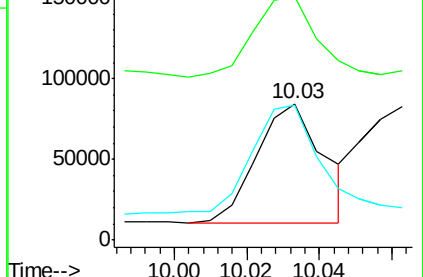
65 99.1 69.7 109.7

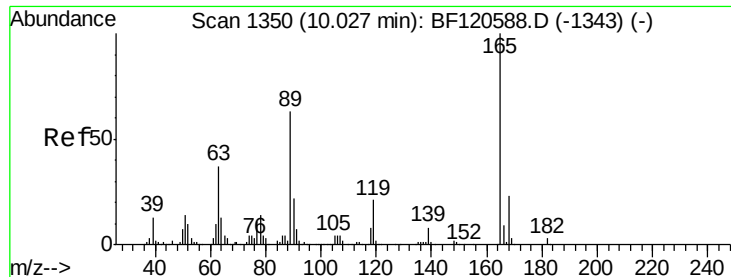


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 41.662 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.02 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

Instrument :

BNA_F

ClientSampleId :

78-64MSD

Tot Ion:165 Resp: 76745

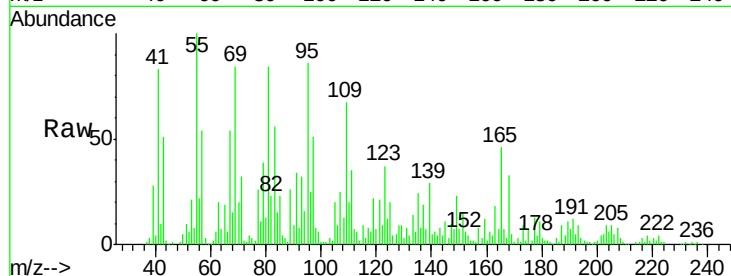
Ion Ratio Lower Upper

165 100

63 44.4 30.1 45.1

89 58.1 49.2 73.8

182 4.0 2.0 3.0#



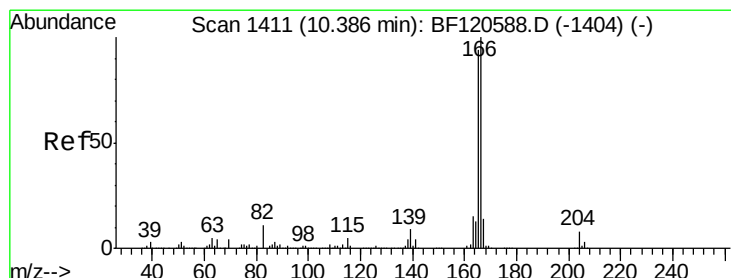
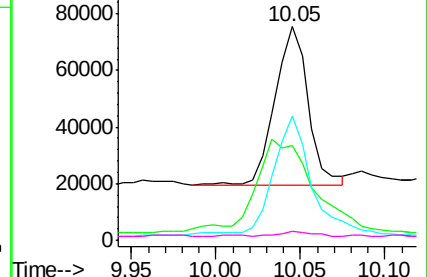
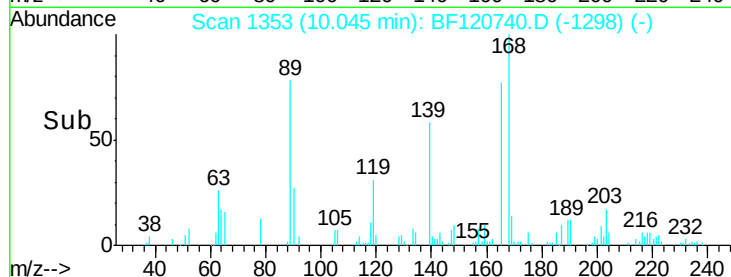
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

Time-->



#58

Fluorene

Concen: 47.589 ng

RT: 10.42 min Scan# 1416

Delta R.T. 0.04 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

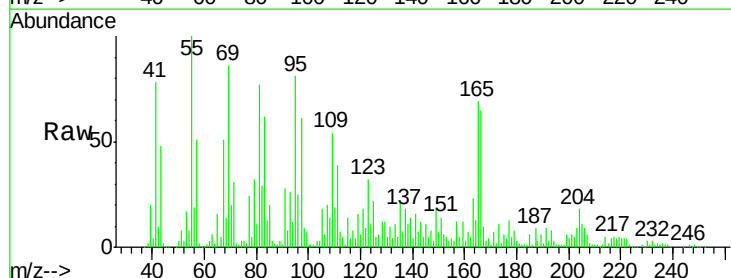
Tgt Ion:166 Resp: 268893

Ion Ratio Lower Upper

166 100

165 105.8 74.6 112.0

167 15.9 10.9 16.3

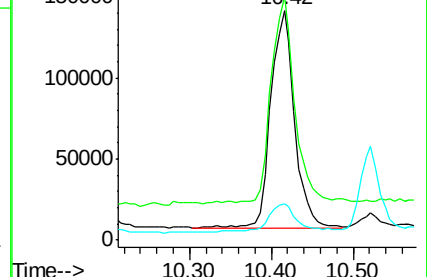
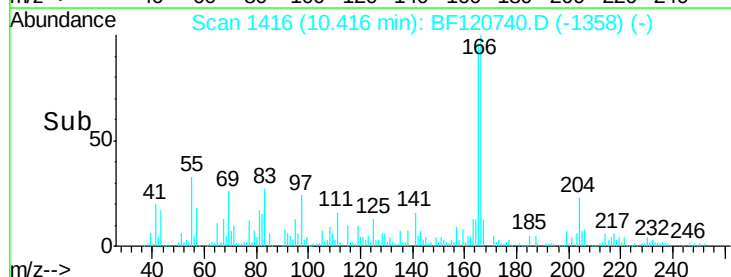


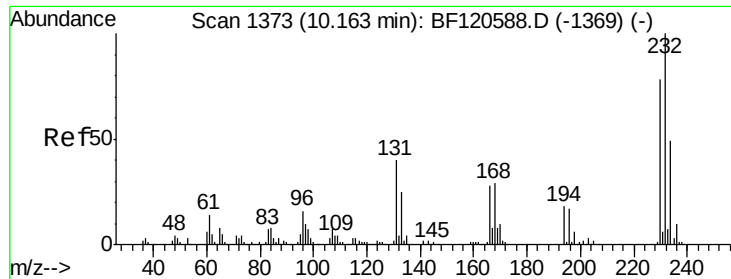
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.980 ng

RT: 10.20 min Scan# 1379

Delta R.T. 0.05 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

Instrument :

BNA_F

ClientSampleId :

78-64MSD

Tot Ion:232 Resp: 64287

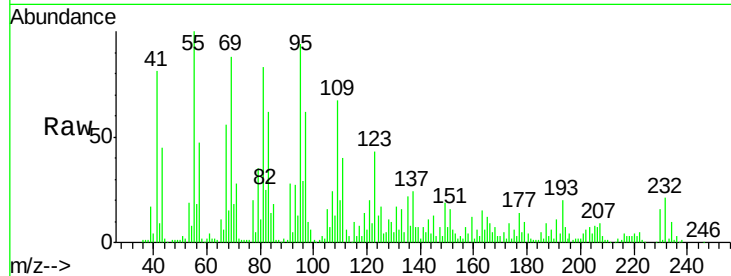
Ion Ratio Lower Upper

232 100

131 66.4 32.4 48.6#

130 0.0 1.4 2.2#

166 27.2 22.1 33.1



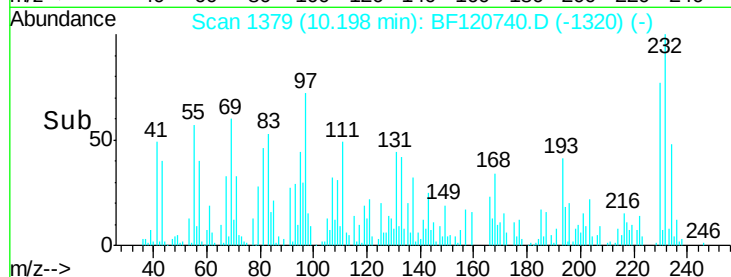
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

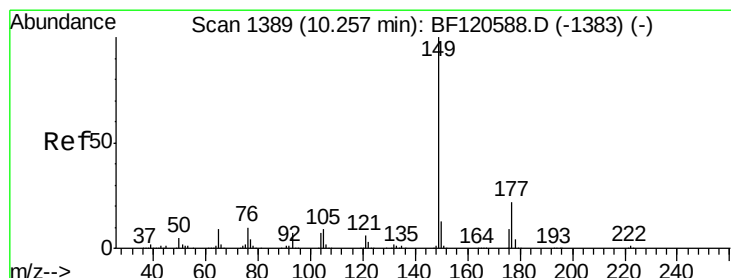
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

Time-->



Time-->



#60

Diethylphthalate

Concen: 47.858 ng

RT: 10.28 min Scan# 1393

Delta R.T. 0.03 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

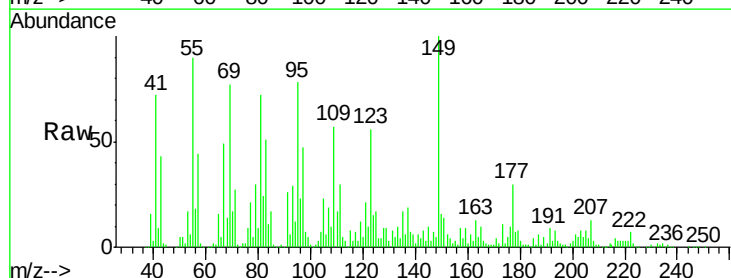
Tgt Ion:149 Resp: 288728

Ion Ratio Lower Upper

149 100

177 29.6 18.0 27.0#

150 16.1 9.8 14.6#

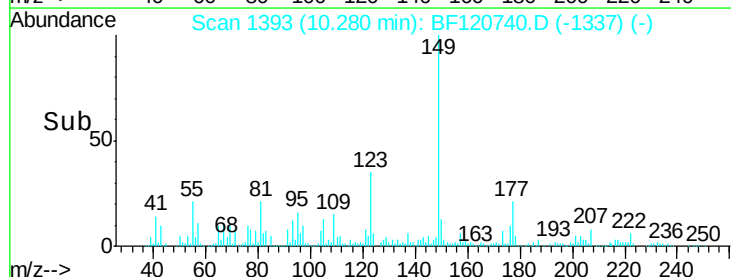


Abundance Ion 149.00 (148.70 to 149.70): E

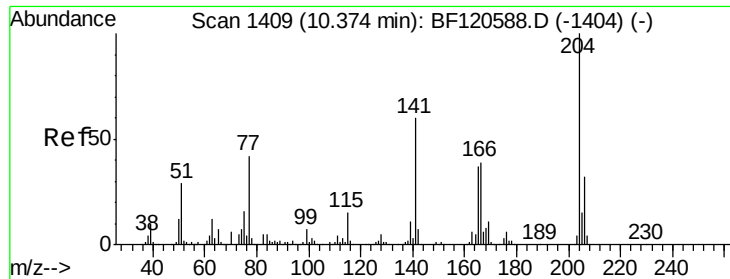
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

Time-->



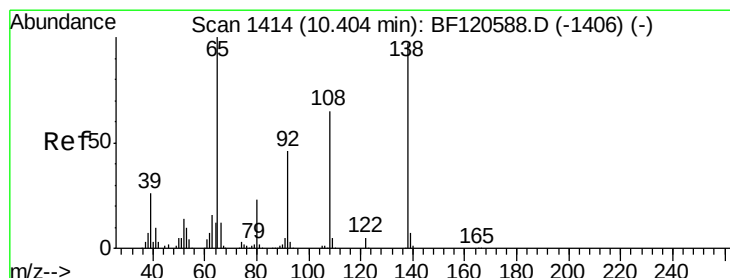
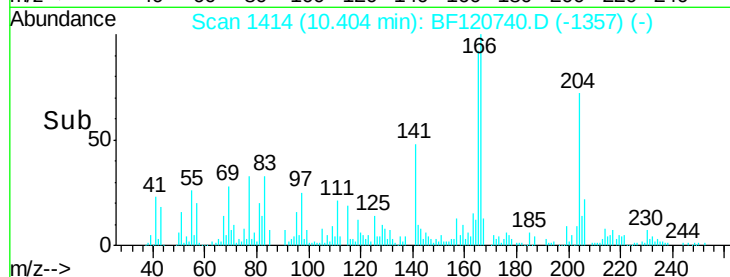
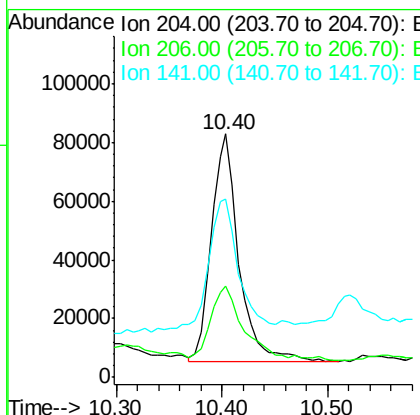
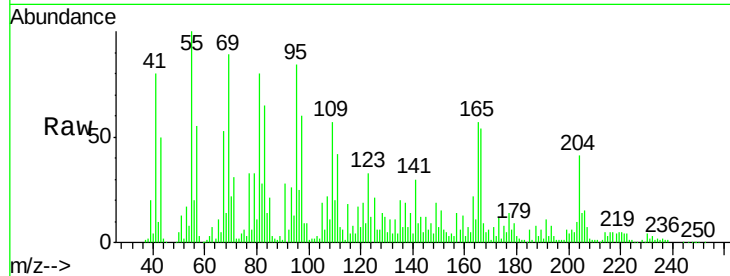
Time-->



#61
4-Chlorophenyl-phenylether
Concen: 47.906 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.04 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

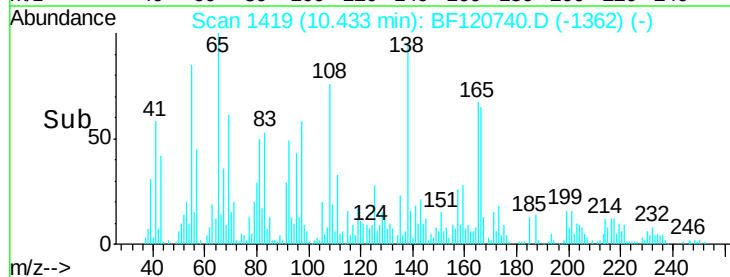
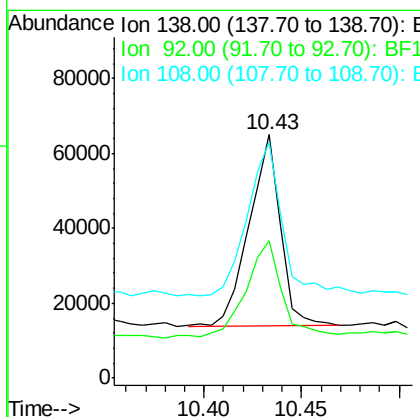
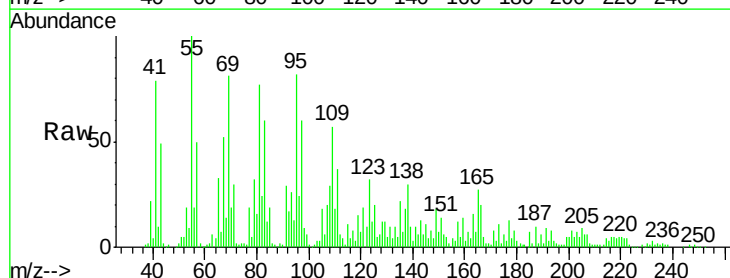
Instrument :
BNA_F
ClientSampleId :
78-64MSD

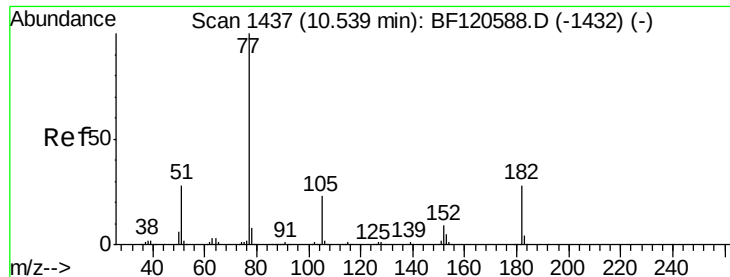
Tot Ion:204 Resp: 139786
Ion Ratio Lower Upper
204 100
206 37.3 26.4 39.6
141 73.5 42.9 64.3#



#62
4-Nitroaniline
Concen: 34.459 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.04 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion:138 Resp: 57041
Ion Ratio Lower Upper
138 100
92 56.6 26.4 66.4
108 96.9 45.5 85.5#

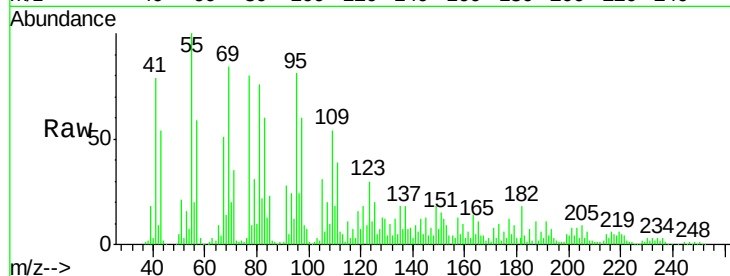




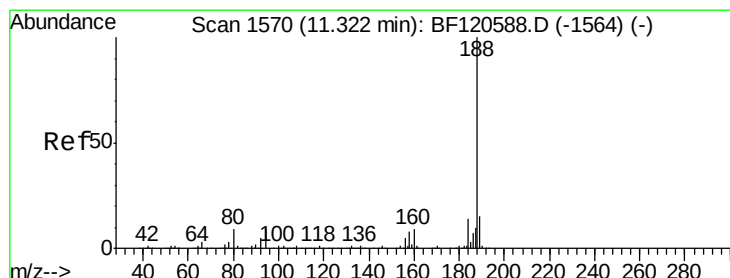
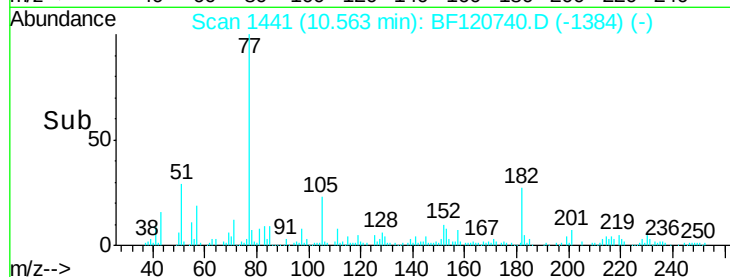
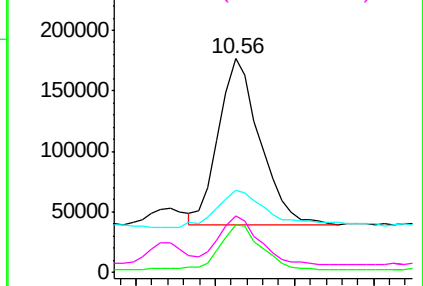
#63
Azobenzene
Concen: 45.813 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.04 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Instrument :
BNA_F
ClientSampleId :
78-64MSD

Tot Ion:	77	Resp:	250885
Ion	Ratio	Lower	Upper
77	100		
182	22.1	7.6	47.6
105	38.5	3.9	43.9
51	26.6	8.8	48.8

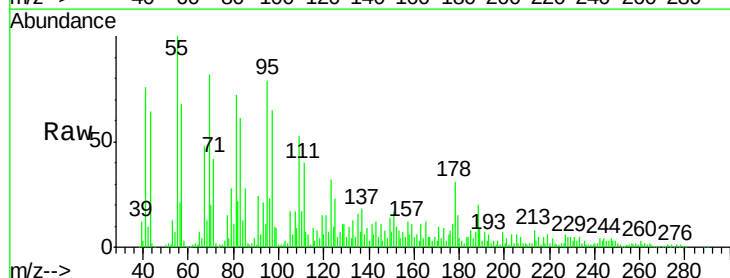


Abundance Ion 77.00 (76.70 to 77.70): BF1

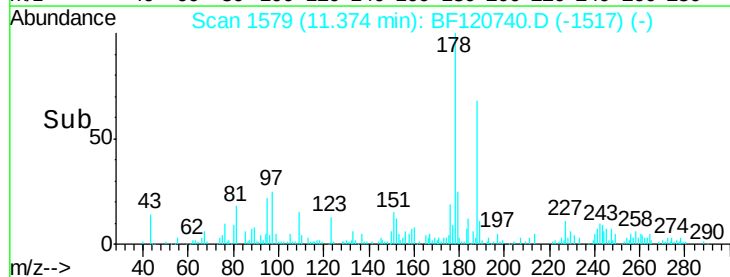
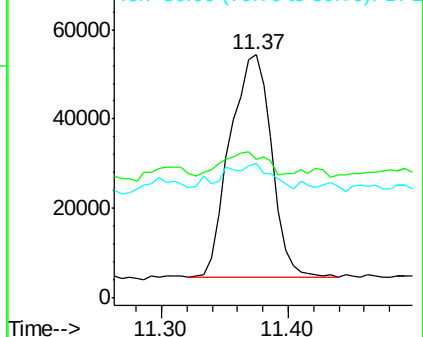


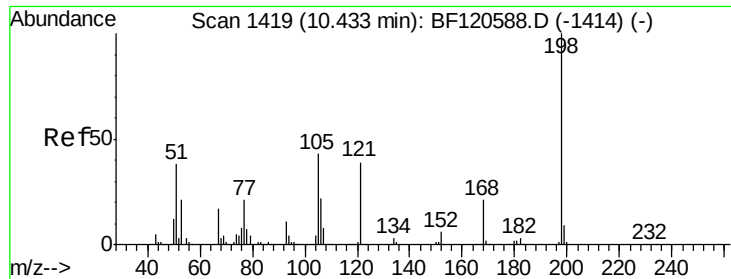
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.06 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion:	188	Resp:	113467
Ion	Ratio	Lower	Upper
188	100		
94	57.1	7.5	11.3#
80	55.6	7.7	11.5#



Abundance Ion 188.00 (187.70 to 188.70): BF1

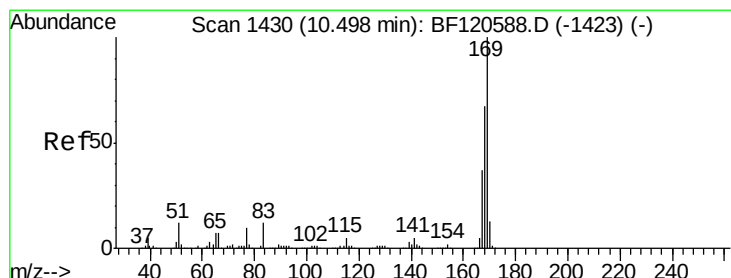
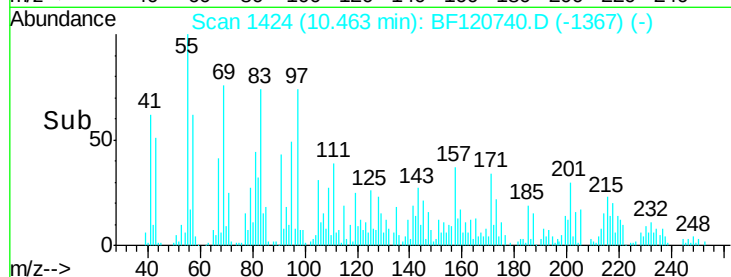
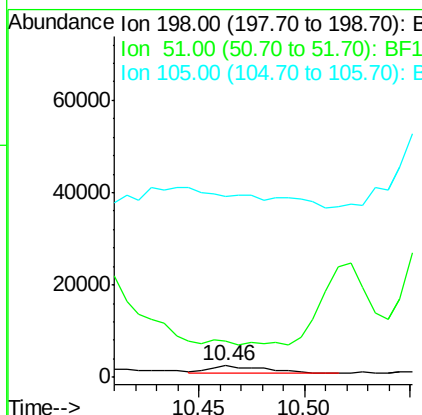
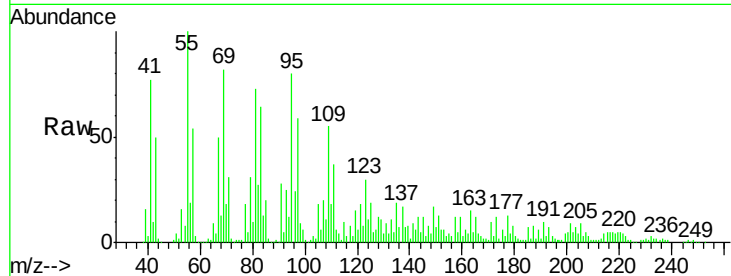




#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.788 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.04 min
 Lab File: BF120740.D
 Acq: 29 Jun 2020 21:10

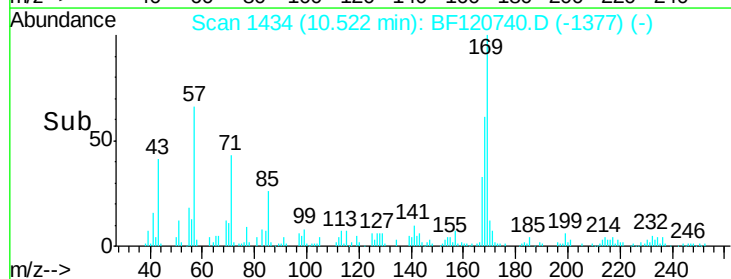
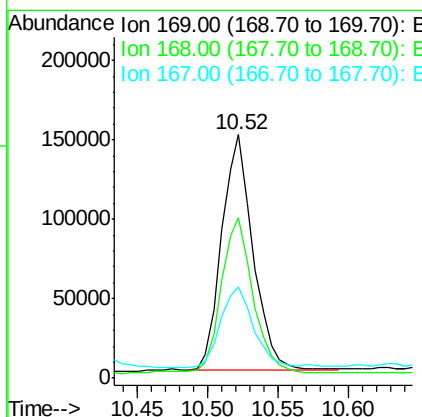
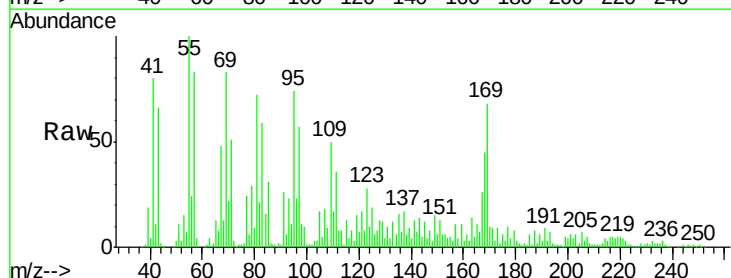
Instrument :
 BNA_F
 ClientSampleId :
 78-64MSD

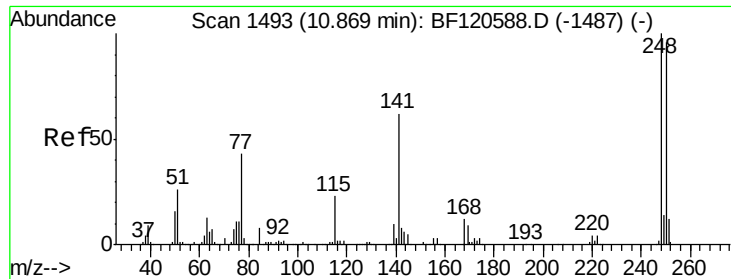
Tot Ion:198 Resp: 3260
 Ion Ratio Lower Upper
 198 100
 51 314.6 23.6 63.6#
 105 1561.6 24.0 64.0#



#66
 n-Nitrosodiphenylamine
 Concen: 65.000 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.04 min
 Lab File: BF120740.D
 Acq: 29 Jun 2020 21:10

Tgt Ion:169 Resp: 226493
 Ion Ratio Lower Upper
 169 100
 168 65.7 53.2 79.8
 167 37.7 29.2 43.8

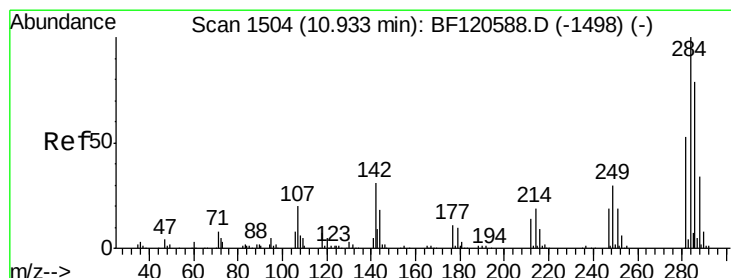
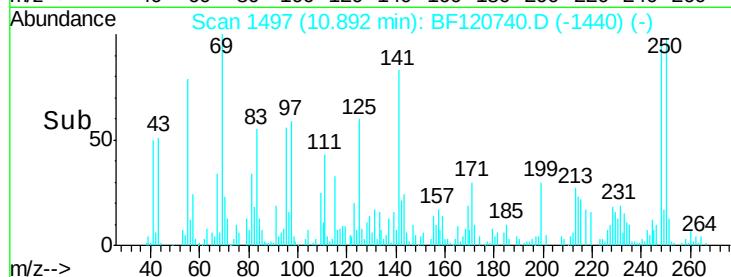
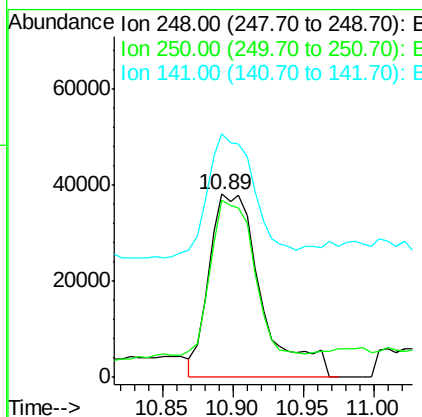
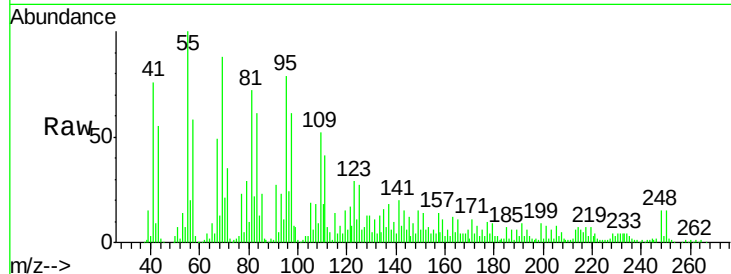




#67
4-Bromophenyl-phenylether
Concen: 75.845 ng
RT: 10.89 min Scan# 1497
Delta R.T. 0.04 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

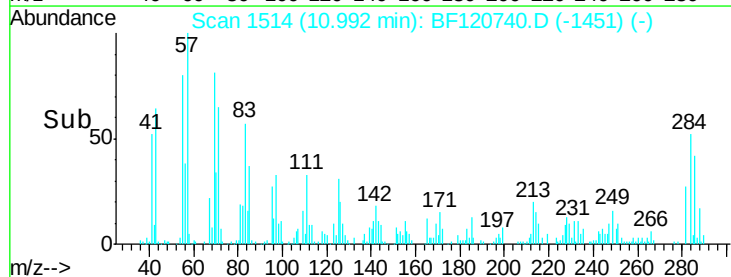
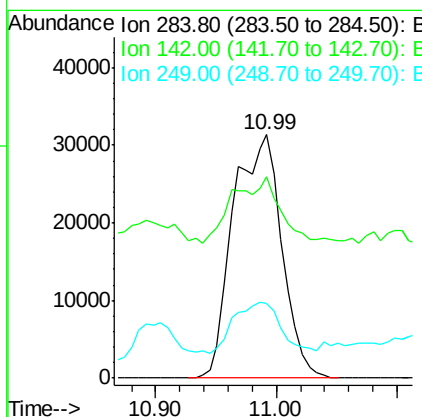
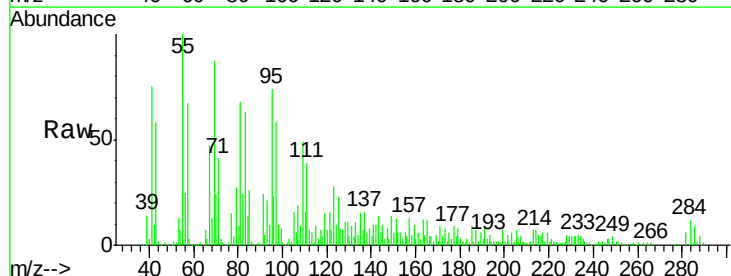
Instrument :
BNA_F
ClientSampleId :
78-64MSD

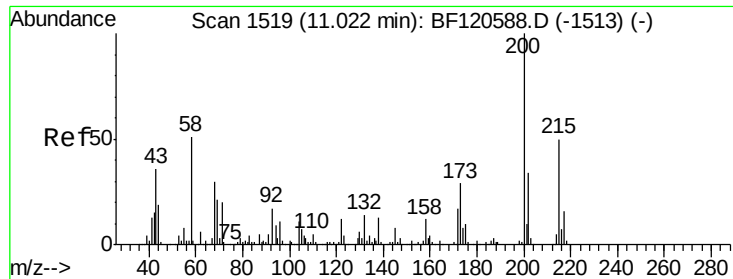
Tot Ion:248 Resp: 97670
Ion Ratio Lower Upper
248 100
250 96.7 77.8 116.6
141 133.1 52.0 78.0#



#68
Hexachlorobenzene
Concen: 63.298 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.07 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion:284 Resp: 87638
Ion Ratio Lower Upper
284 100
142 82.9 26.7 40.1#
249 30.5 24.0 36.0





#69

Atrazine

Concen: 64.616 ng

RT: 11.09 min Scan# 1530

Delta R.T. 0.07 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

Instrument :

BNA_F

ClientSampleId :

78-64MSD

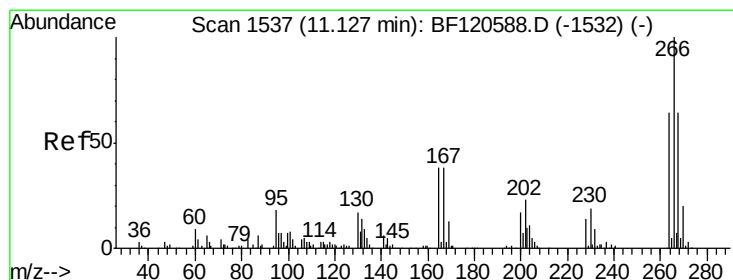
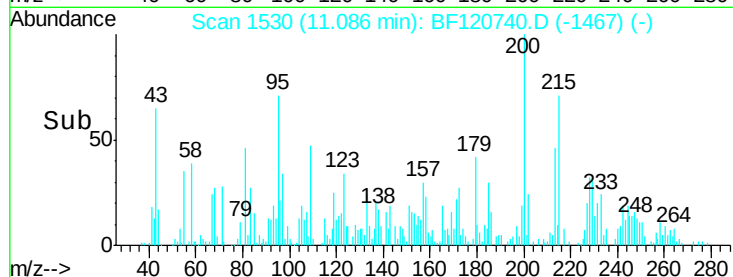
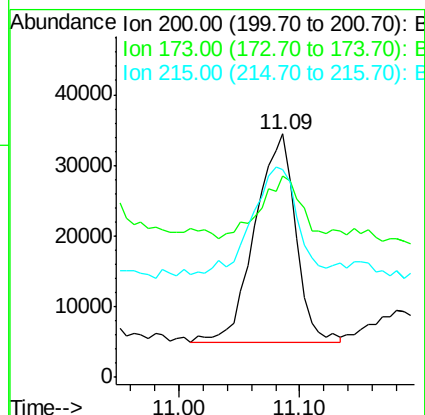
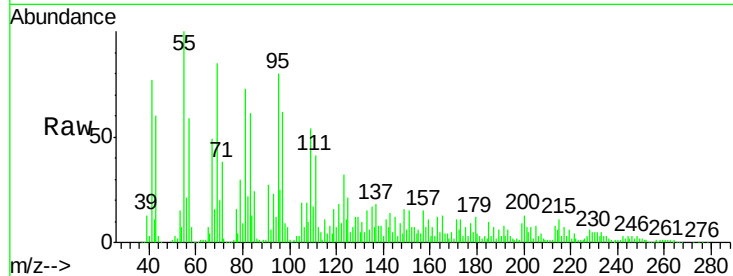
Tot Ion:200 Resp: 69673

Ion Ratio Lower Upper

200 100

173 82.9 6.7 46.7#

215 85.5 28.6 68.6#



#70

Pentachlorophenol

Concen: 66.900 ng

RT: 11.19 min Scan# 1547

Delta R.T. 0.06 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

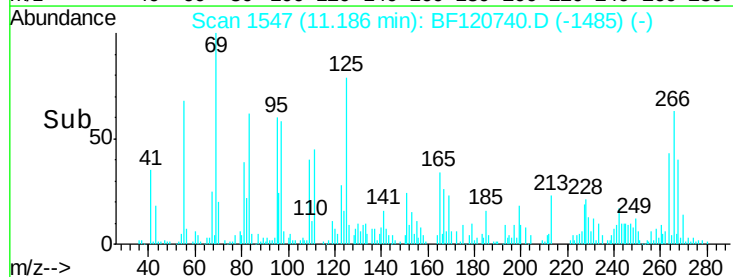
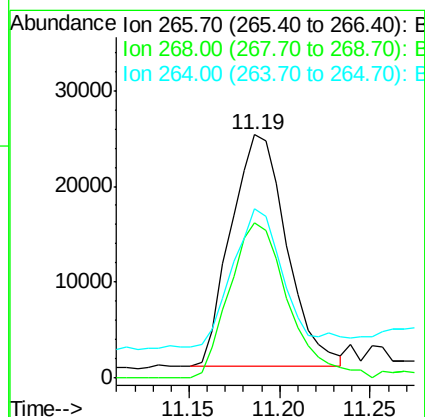
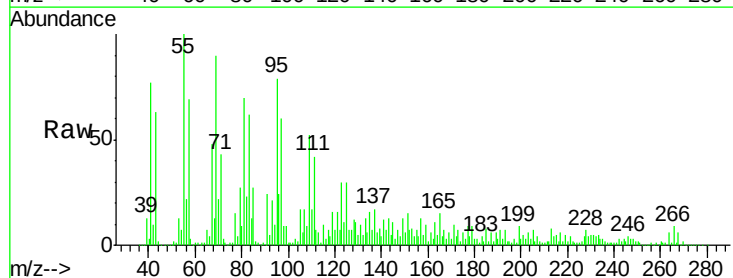
Tgt Ion:266 Resp: 51496

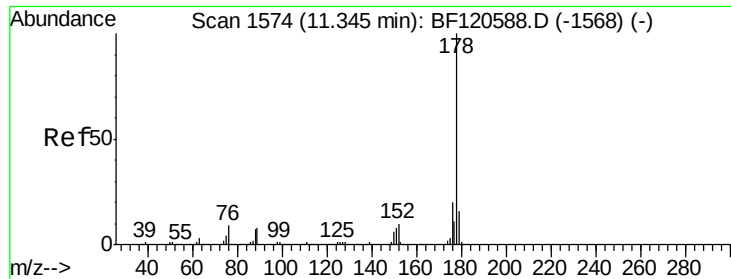
Ion Ratio Lower Upper

266 100

268 63.6 51.8 77.6

264 69.4 51.3 76.9





#71

Phenanthrene

Concen: 61.358 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.06 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

Instrument :

BNA_F

ClientSampleId :

78-64MSD

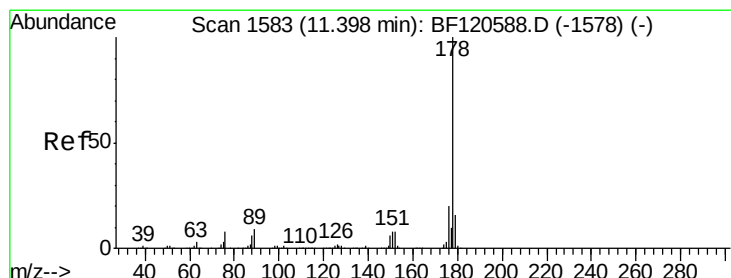
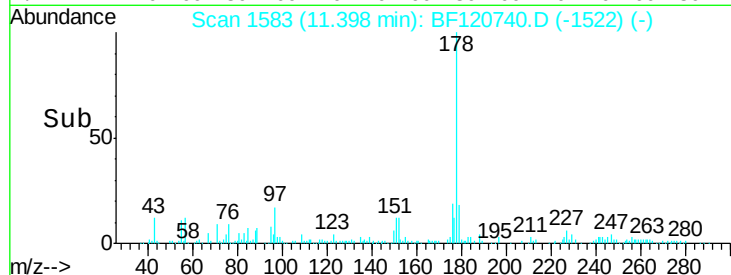
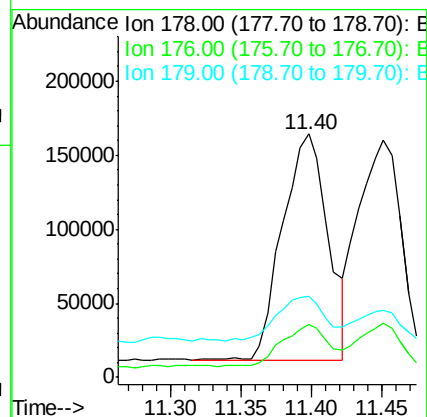
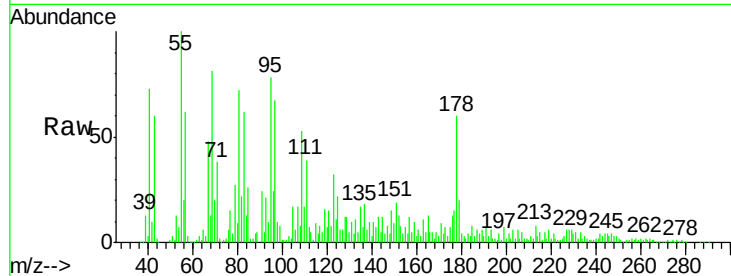
Tot Ion:178 Resp: 346085

Ion Ratio Lower Upper

178 100

176 21.7 15.8 23.6

179 33.2 12.3 18.5#



#72

Anthracene

Concen: 55.021 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.06 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

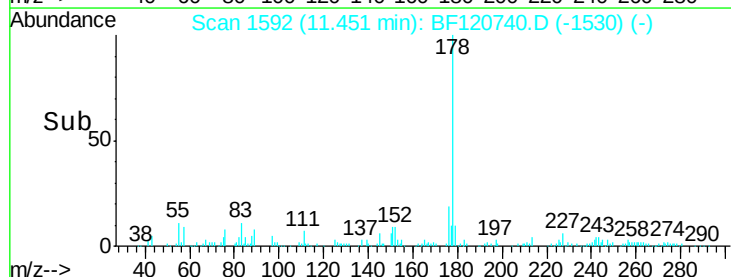
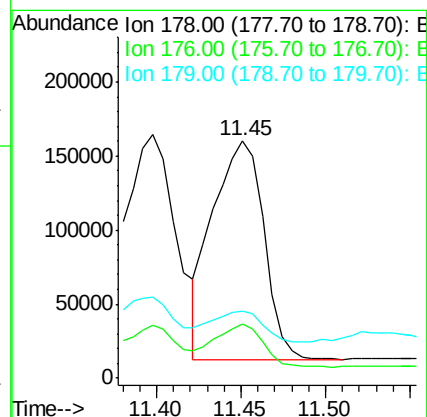
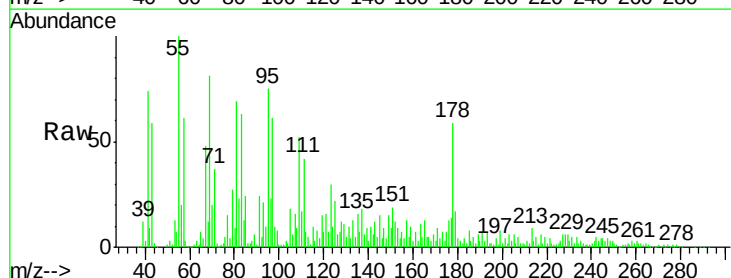
Tgt Ion:178 Resp: 312818

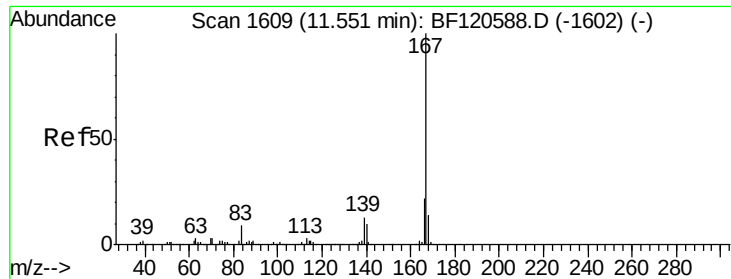
Ion Ratio Lower Upper

178 100

176 22.7 15.4 23.2

179 28.3 12.9 19.3#

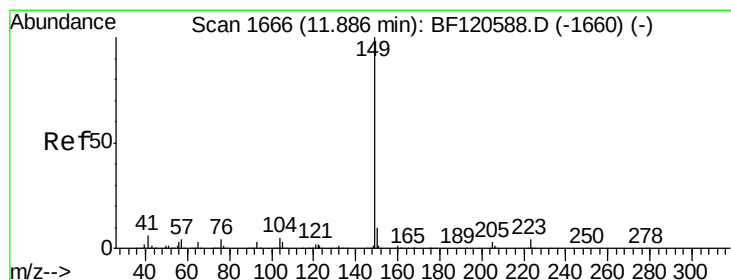
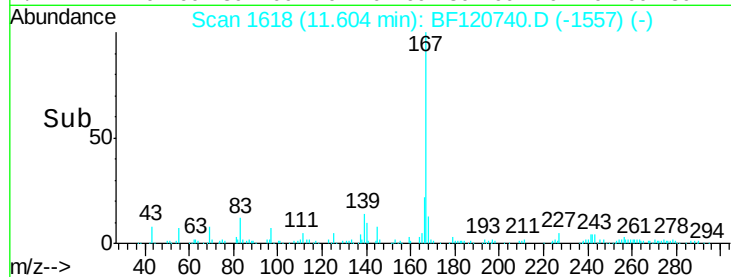
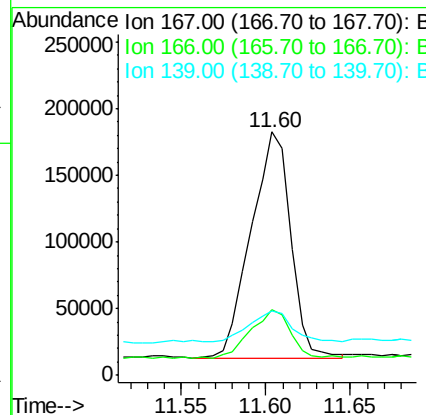
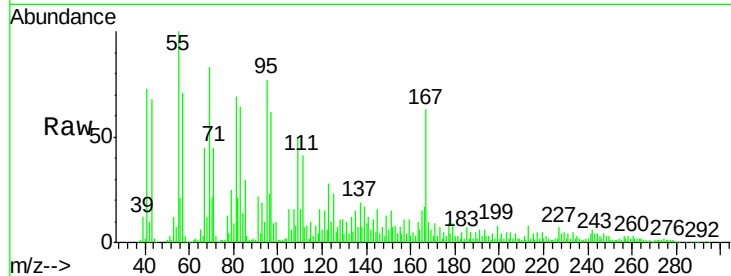




#73
 Carbazole
 Concen: 49.055 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.06 min
 Lab File: BF120740.D
 Acq: 29 Jun 2020 21:10

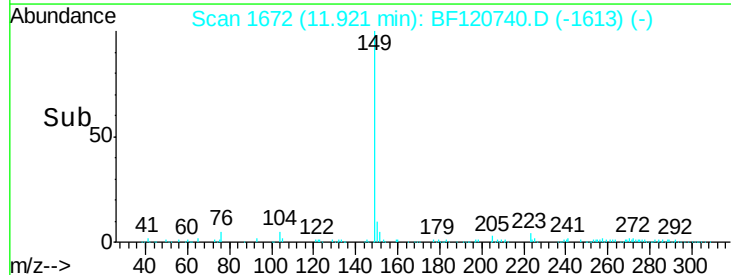
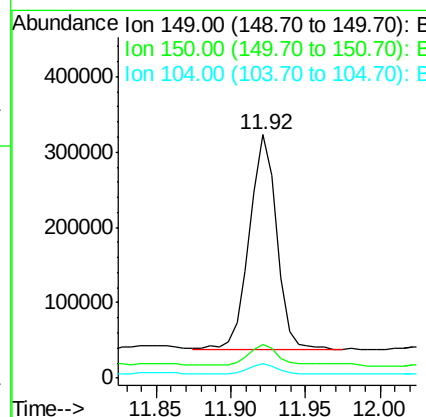
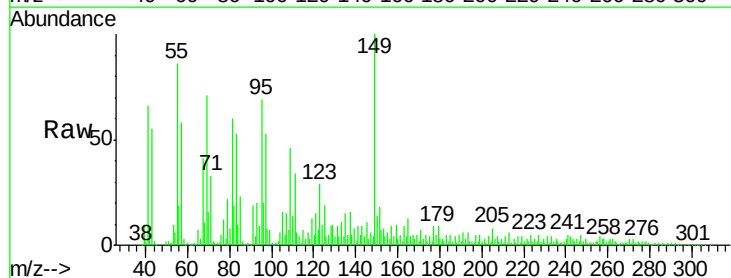
Instrument :
 BNA_F
 ClientSampleId :
 78-64MSD

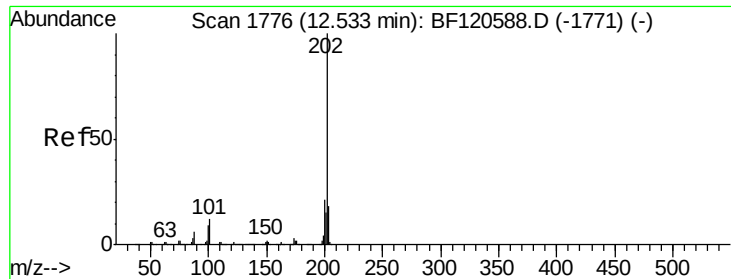
Tot Ion	Ratio	Lower	Upper
167	100		
166	26.8	17.7	26.5#
139	26.4	10.2	15.2#



#74
 Di-n-butylphthalate
 Concen: 57.327 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. 0.05 min
 Lab File: BF120740.D
 Acq: 29 Jun 2020 21:10

Tgt Ion	Ratio	Lower	Upper
149	100		
150	13.9	7.5	11.3#
104	5.9	3.6	5.4#





#75

Fluoranthene

Concen: 87.673 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.06 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

Instrument :

BNA_F

ClientSampleId :

78-64MSD

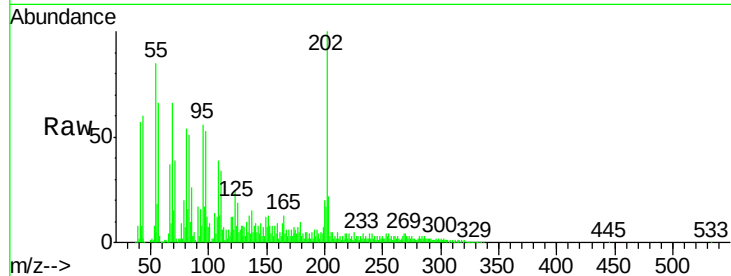
Tot Ion:202 Resp: 565393

Ion Ratio Lower Upper

202 100

101 9.1 0.0 29.8

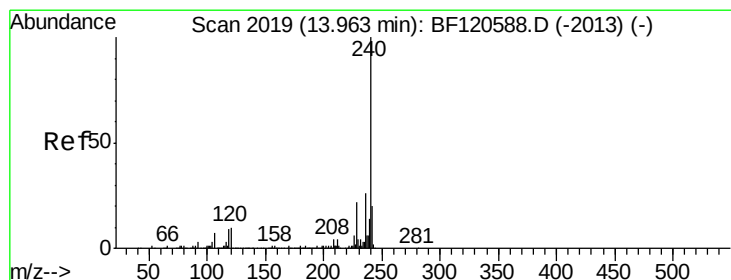
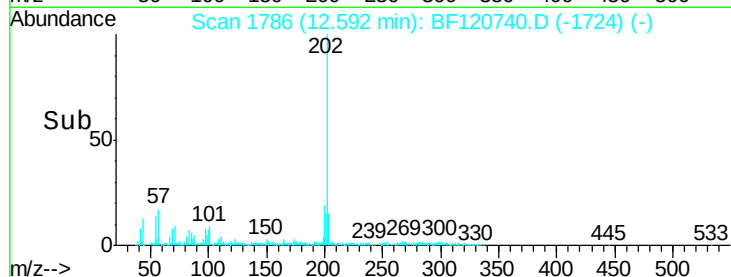
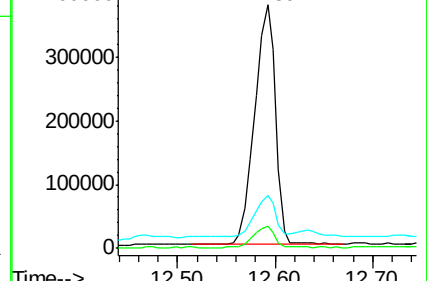
203 21.6 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.03 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

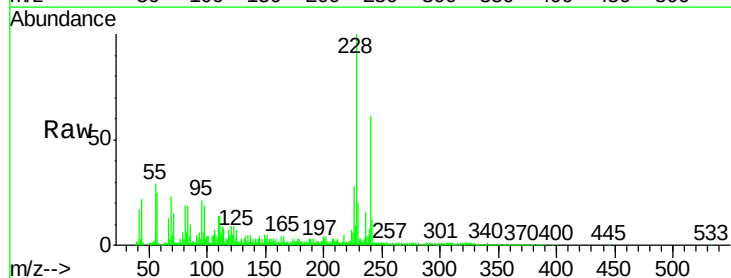
Tgt Ion:240 Resp: 267745

Ion Ratio Lower Upper

240 100

120 14.6 7.6 11.4#

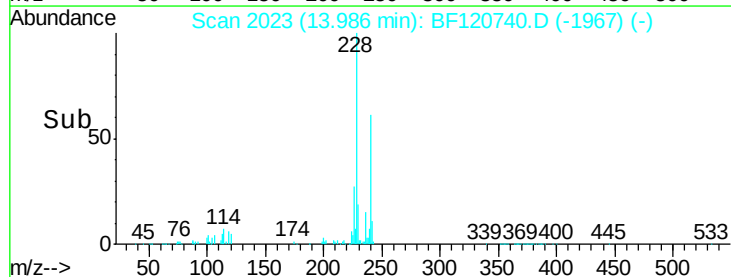
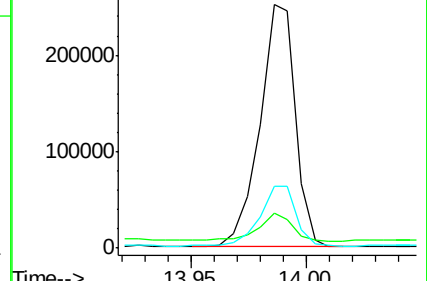
236 25.7 21.0 31.4

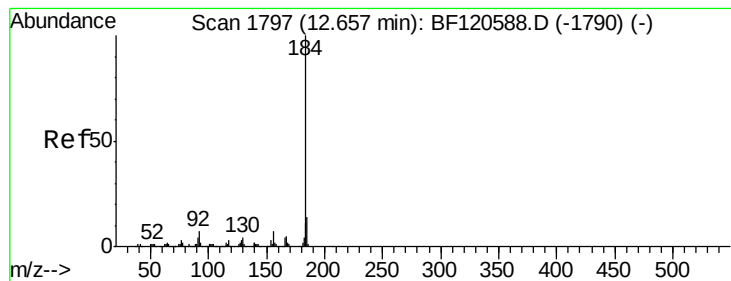


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 13.342 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.05 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

Instrument :

BNA_F

ClientSampleId :

78-64MSD

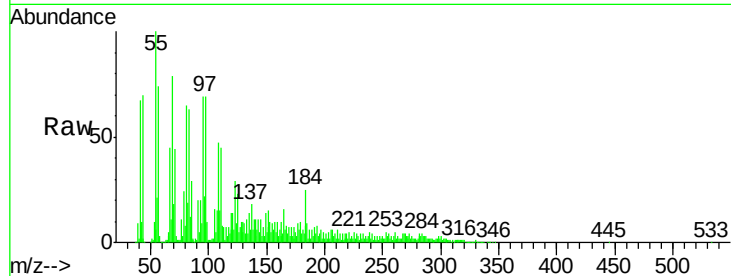
Tot Ion:184 Resp: 120810

Ion Ratio Lower Upper

184 100

185 33.7 11.9 17.9#

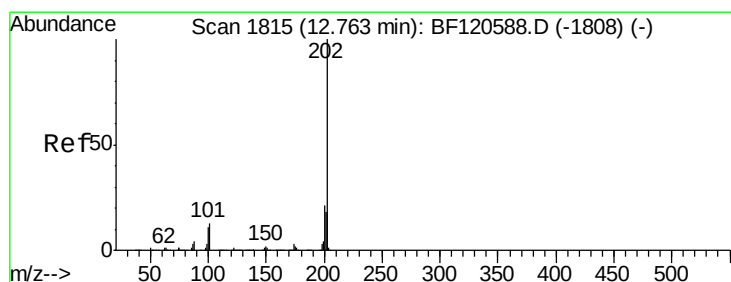
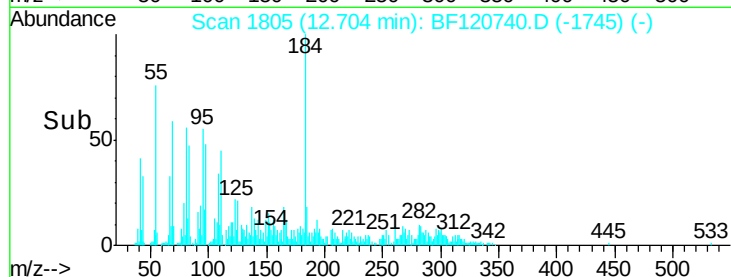
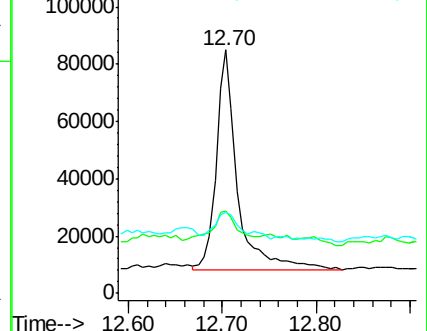
183 33.3 8.6 12.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 30.856 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.06 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

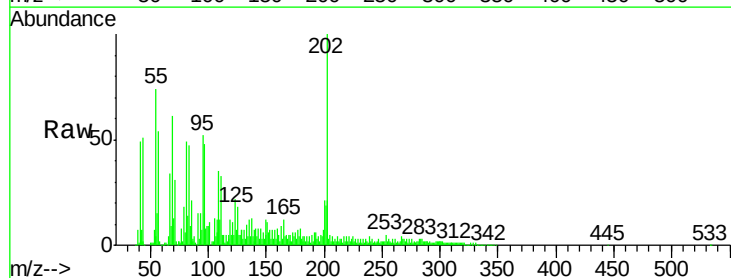
Tgt Ion:202 Resp: 585266

Ion Ratio Lower Upper

202 100

200 21.3 16.6 25.0

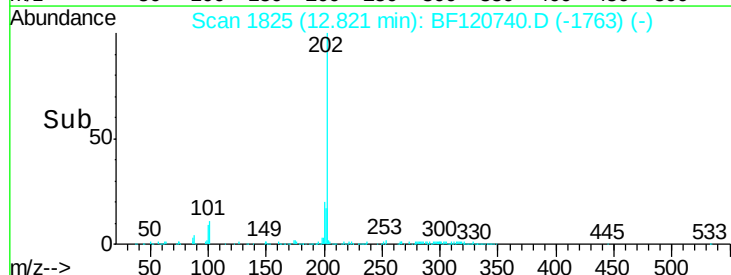
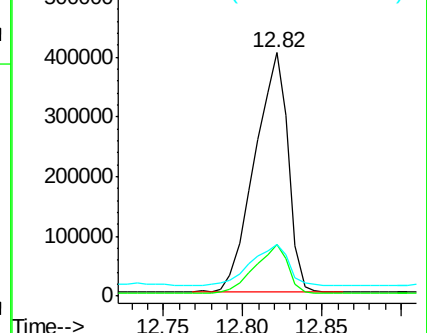
203 21.2 14.2 21.2

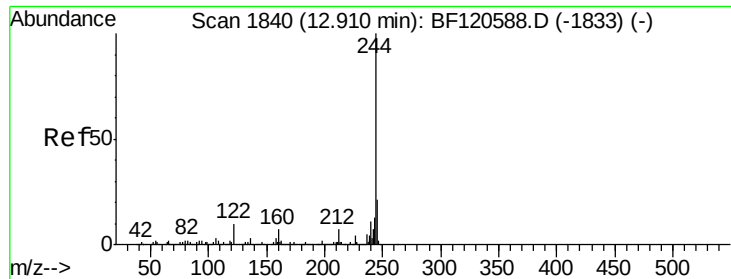


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 60.603 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.05 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

Instrument :

BNA_F

ClientSampleId :

78-64MSD

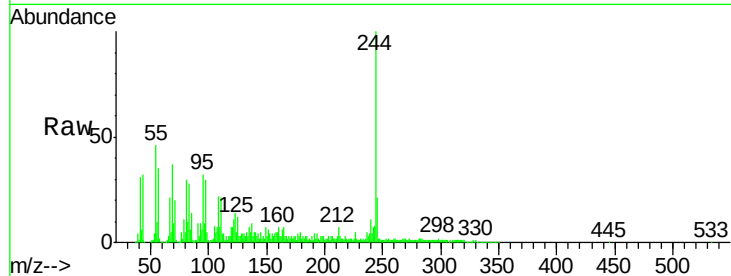
Tot Ion:244 Resp: 734591

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 10.6 8.8 13.2

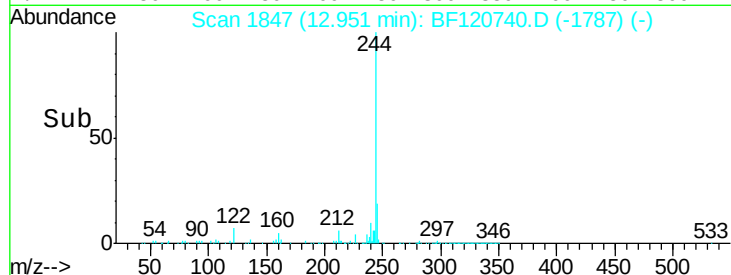


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



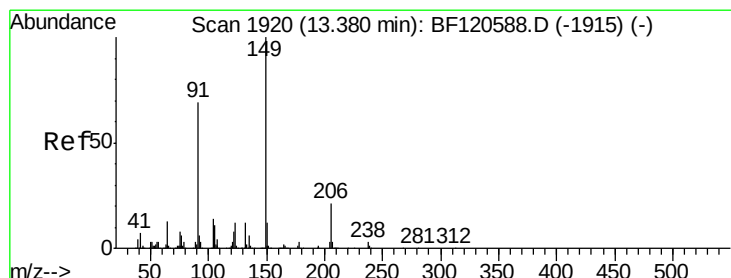
Abundance

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

Time-->



#80

Butylbenzylphthalate

Concen: 32.048 ng

RT: 13.41 min Scan# 1925

Delta R.T. 0.04 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

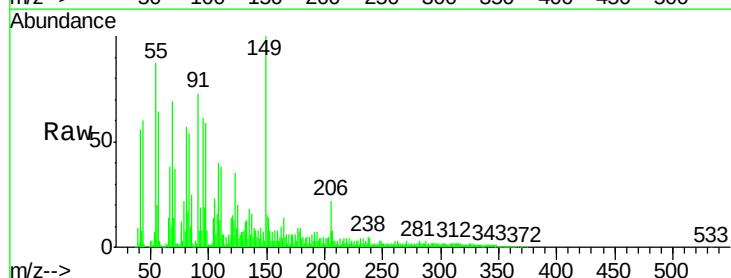
Tgt Ion:149 Resp: 269921

Ion Ratio Lower Upper

149 100

91 72.9 50.0 75.0

206 21.5 17.6 26.4

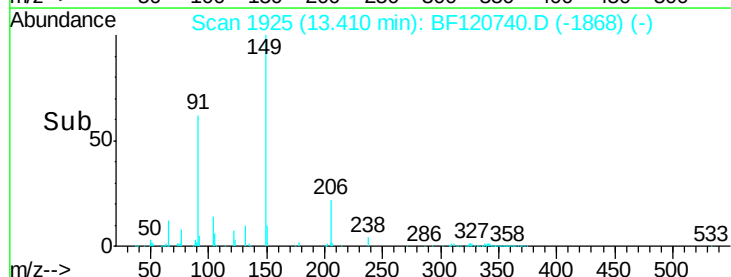


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

Time-->



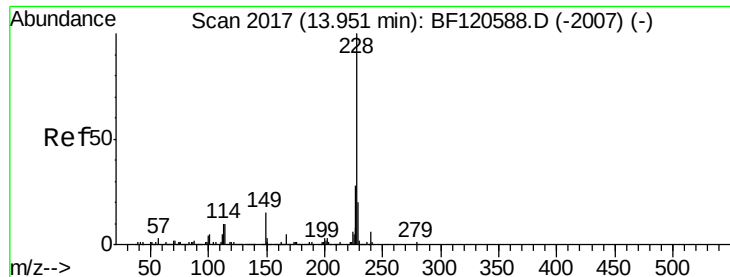
Abundance

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

Time-->



#81

Benzo(a)anthracene

Concen: 57.379 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.04 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

Instrument :

BNA_F

ClientSampleId :

78-64MSD

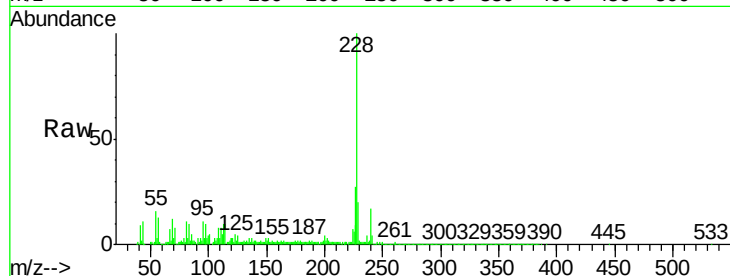
Tot Ion:228 Resp: 922997

Ion Ratio Lower Upper

228 100

226 27.4 22.6 33.8

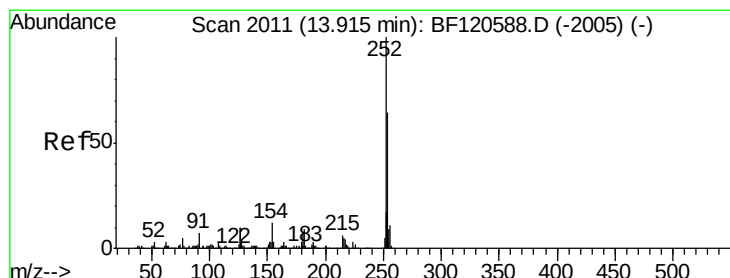
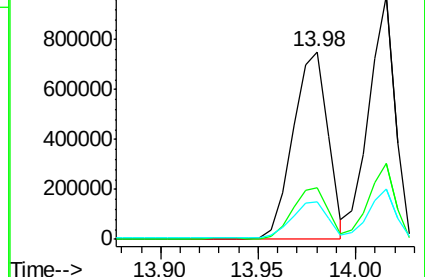
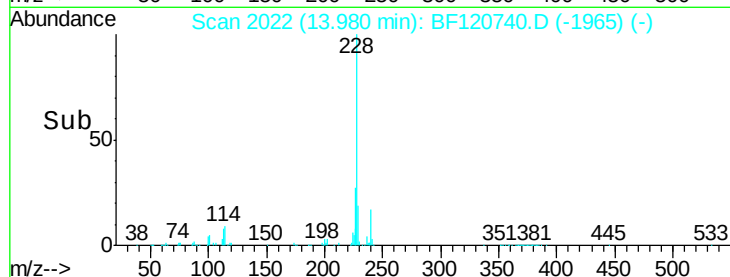
229 20.3 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.520 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.04 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

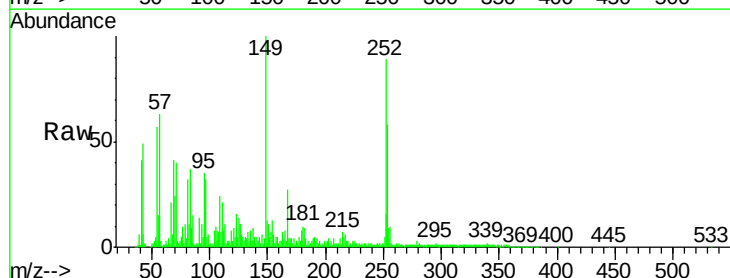
Tgt Ion:252 Resp: 205953

Ion Ratio Lower Upper

252 100

254 65.1 50.8 76.2

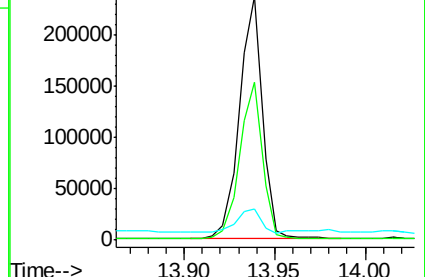
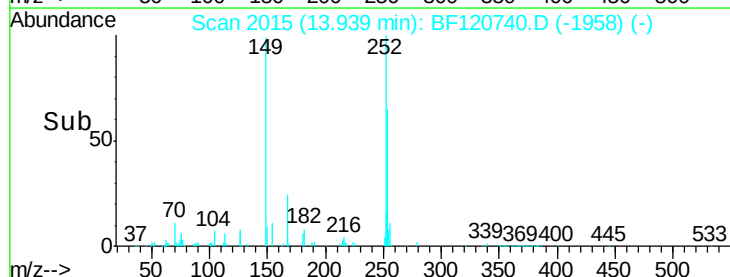
126 12.8 9.6 14.4

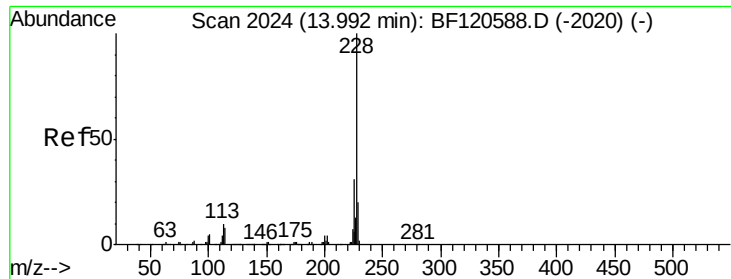


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 54.626 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.04 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

Instrument :

BNA_F

ClientSampleId :

78-64MSD

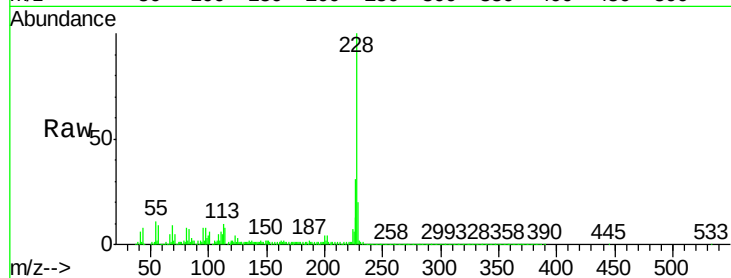
Tot Ion:228 Resp: 901343

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

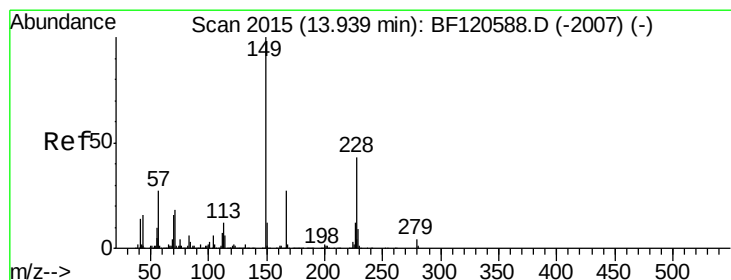
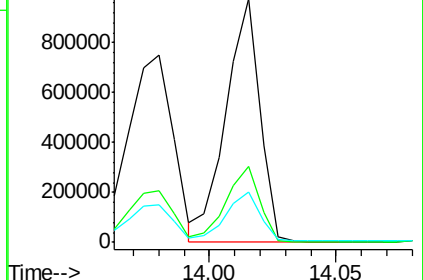
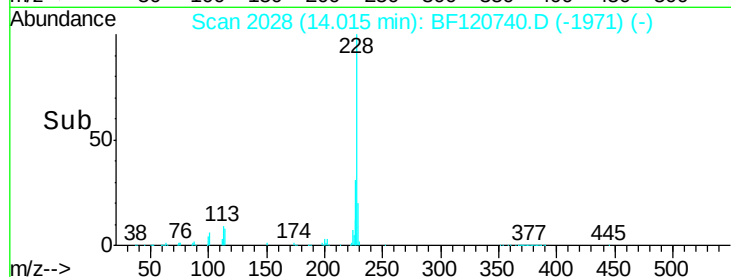
229 20.5 16.1 24.1



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: 54.761 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

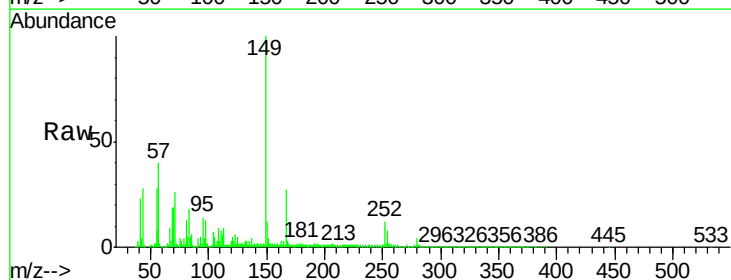
Tgt Ion:149 Resp: 562884

Ion Ratio Lower Upper

149 100

167 26.6 21.9 32.9

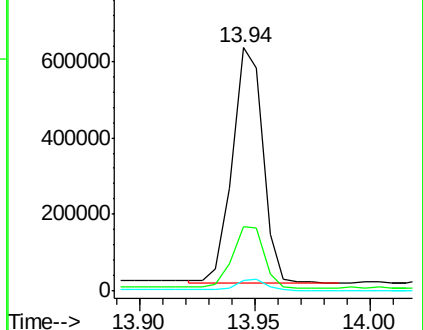
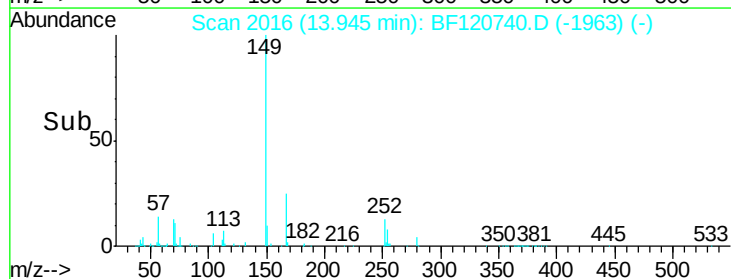
279 4.1 3.6 5.4

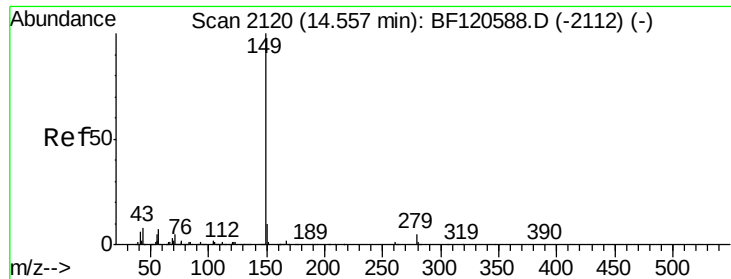


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 57.997 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.01 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

Instrument :

BNA_F

ClientSampleId :

78-64MSD

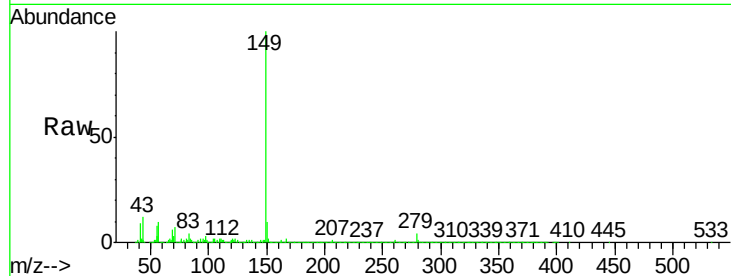
Tot Ion:149 Resp: 1137718

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

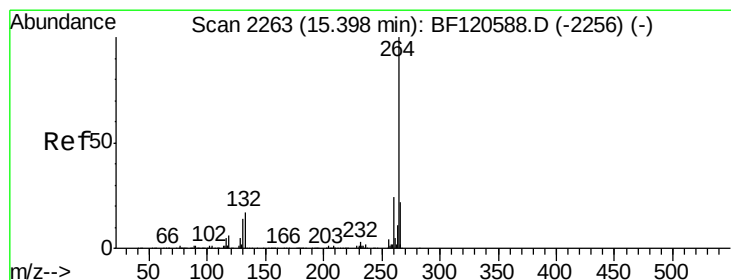
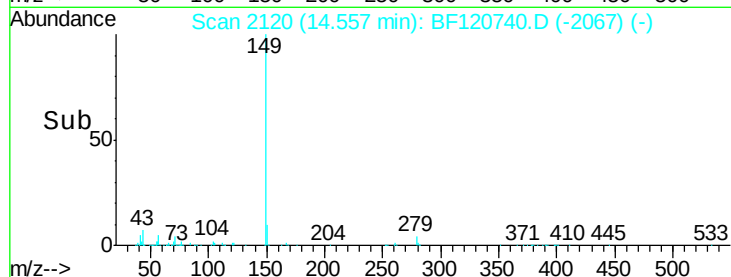
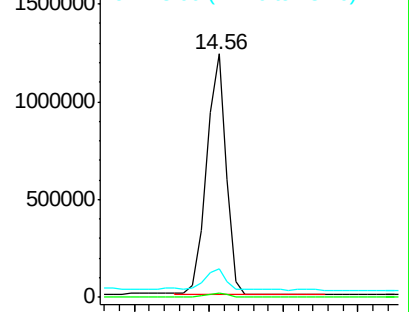
43 8.9 7.3 10.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. 0.02 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

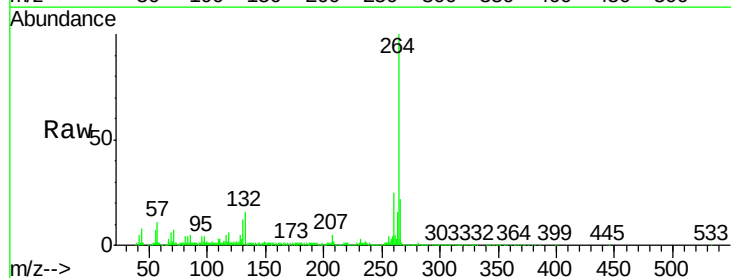
Tgt Ion:264 Resp: 366982

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.2

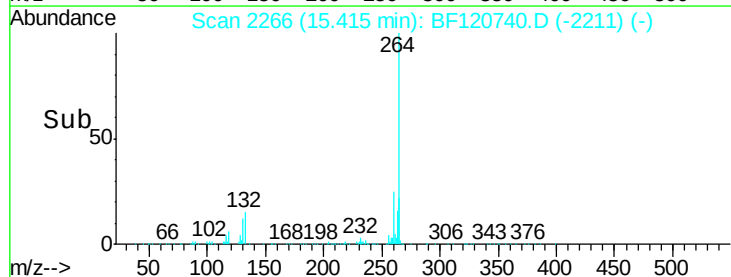
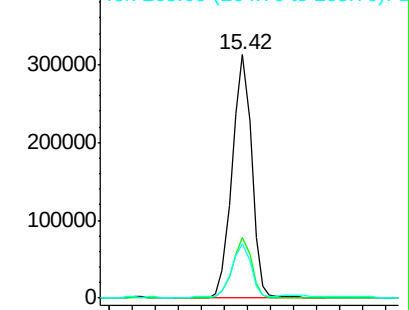
265 22.3 17.4 26.0

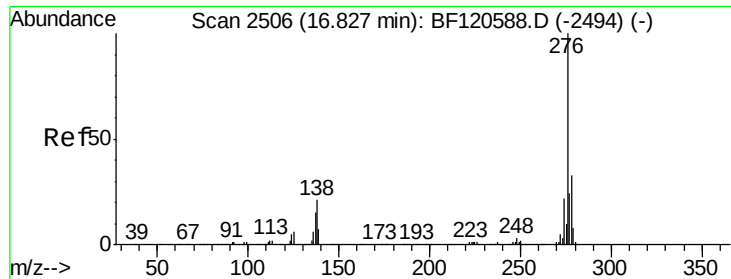


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

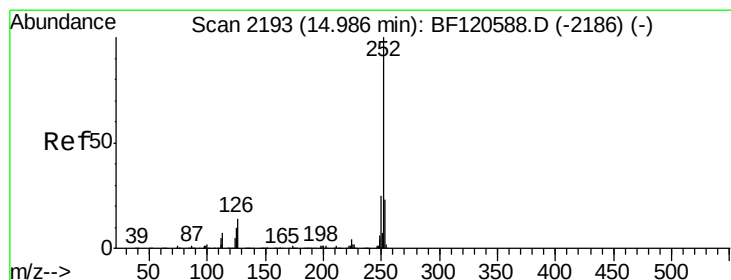
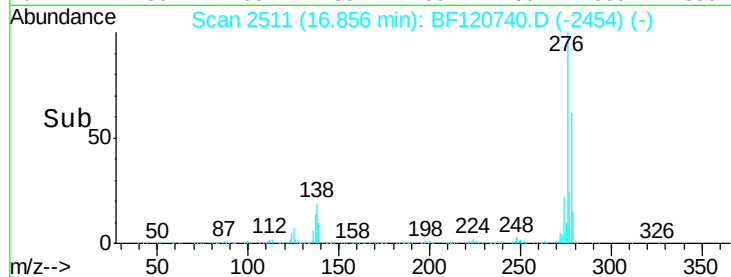
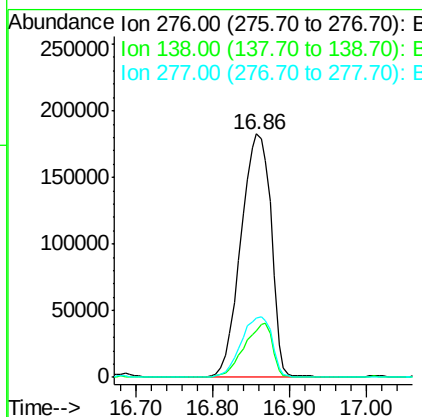
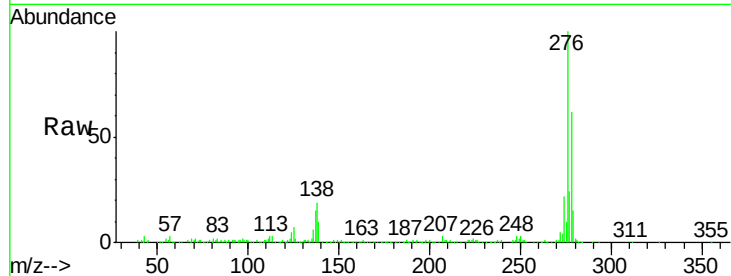




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 22.370 ng
 RT: 16.86 min Scan# 2511
 Delta R.T. 0.04 min
 Lab File: BF120740.D
 Acq: 29 Jun 2020 21:10

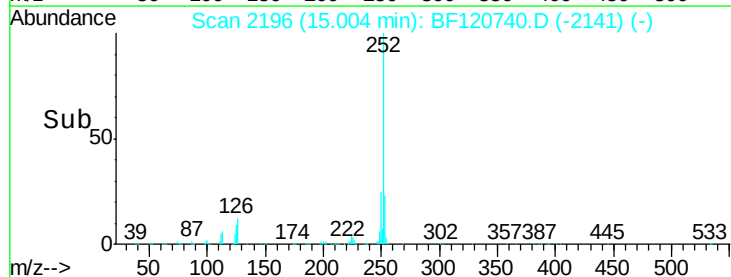
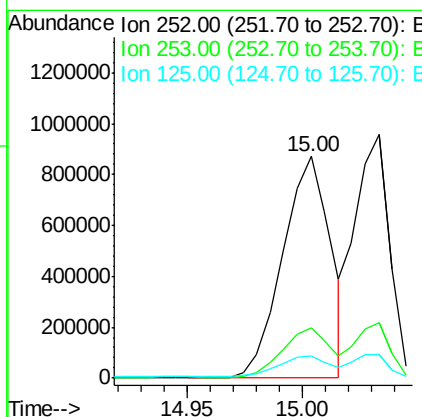
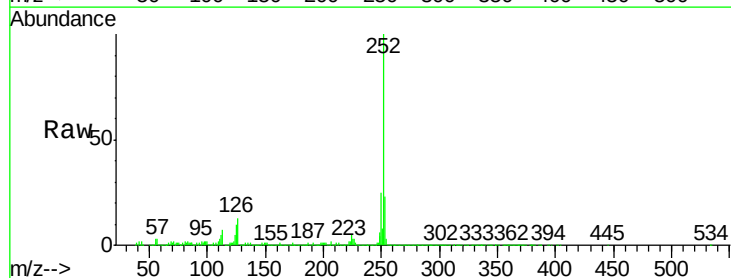
Instrument :
 BNA_F
 ClientSampleId :
 78-64MSD

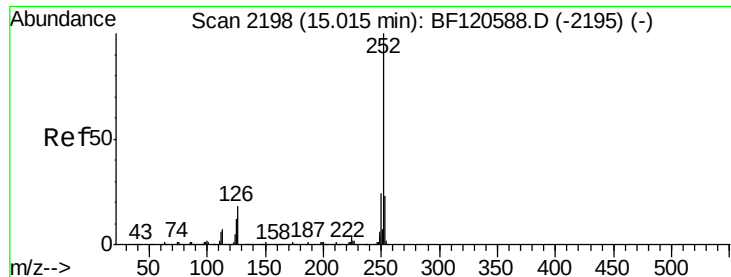
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.6	18.4	27.6
277	25.3	19.8	29.8



#88
 Benzo(b)fluoranthene
 Concen: 56.910 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.02 min
 Lab File: BF120740.D
 Acq: 29 Jun 2020 21:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	10.2	7.9	11.9

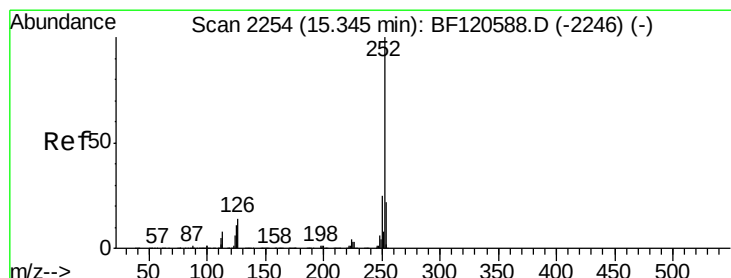
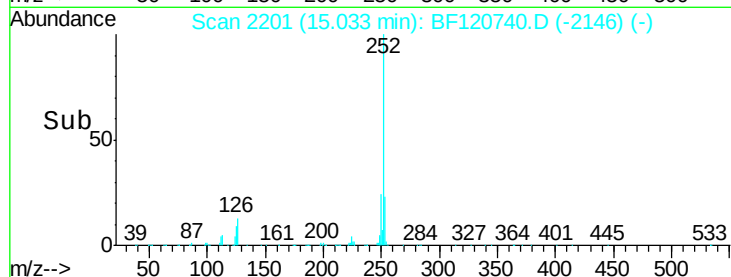
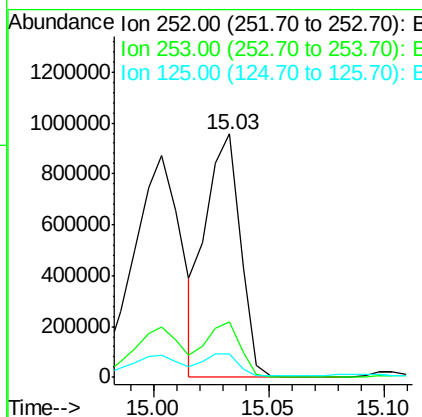
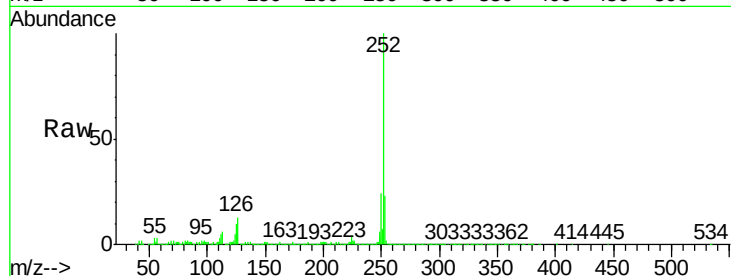




#89
Benzo(k)fluoranthene
Concen: 51.307 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.02 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

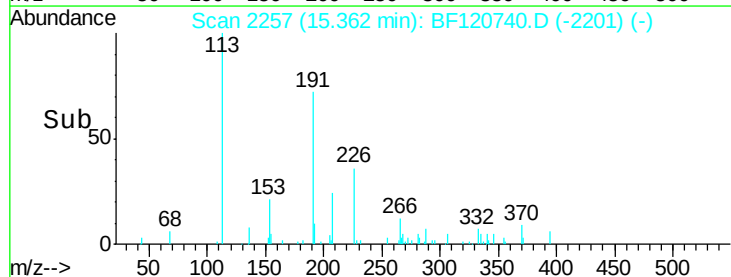
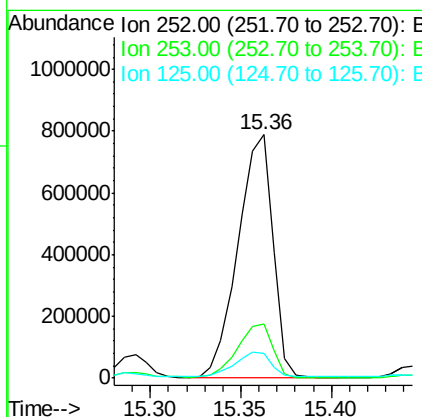
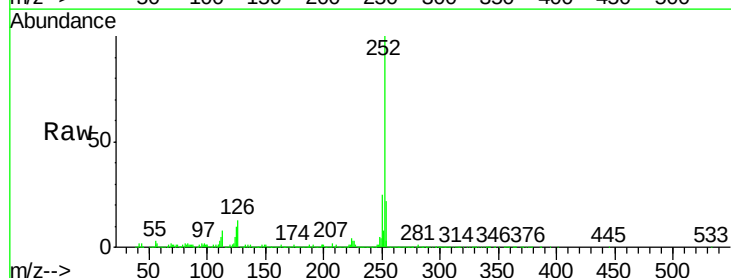
Instrument :
BNA_F
ClientSampleId :
78-64MSD

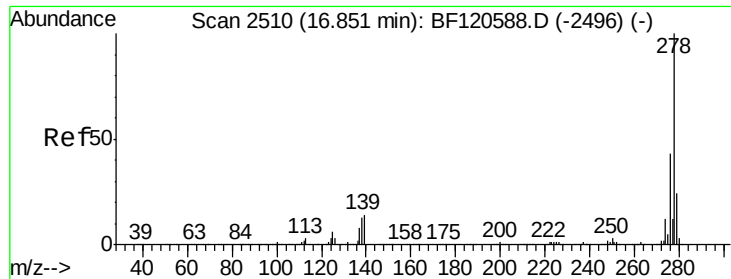
Tot Ion:252 Resp: 992447
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 9.7 7.4 11.2



#90
Benzo(a)pyrene
Concen: 53.980 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.03 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion:252 Resp: 1056073
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 10.2 9.0 13.6

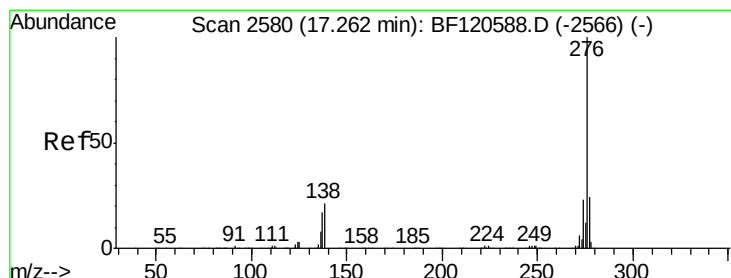
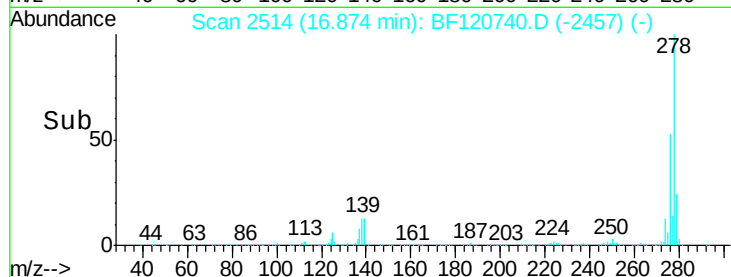
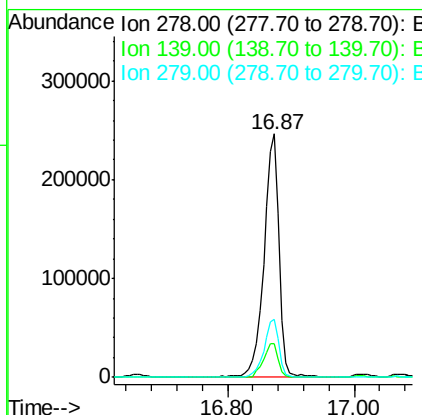
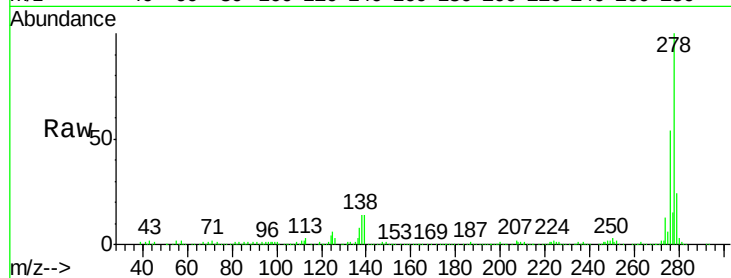




#91
Dibenzo(a,h)anthracene
Concen: 22.682 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.04 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Instrument :
BNA_F
ClientSampleId :
78-64MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.6	11.9	17.9
279	23.8	19.2	28.8



#92
Benzo(g,h,i)perylene
Concen: 21.463 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.04 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.3	27.5
138	18.6	16.6	24.8

