

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
 Data File : BF120777.D
 Acq On : 7 Jul 2020 10:16
 Operator : JU/CG
 Sample : PB129924BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129924BS

Quant Time: Jul 07 11:00:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 18:51:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	137180	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	516433	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	251063	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	436131	20.00	ng	0.00
76) Chrysene-d12	14.01	240	323236	20.00	ng	0.00
86) Perylene-d12	15.47	264	258830	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1084433	122.03	ng	0.01
7) Phenol-d6	6.47	99	1315743	115.94	ng	0.00
23) Nitrobenzene-d5	7.42	82	831234	93.25	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	338783	134.32	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1471893	88.70	ng	0.00
79) Terphenyl-d14	12.96	244	1530563	92.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	158834	39.127	ng	98
3) Pyridine	3.39	79	433241	38.963	ng	97
4) n-Nitrosodimethylamine	3.35	42	245895	44.206	ng	# 96
6) Aniline	6.51	93	535632	36.750	ng	99
8) 2-Chlorophenol	6.63	128	409151	43.244	ng	99
9) Benzaldehyde	6.40	77	155578	23.050	ng	97
10) Phenol	6.49	94	537308	46.024	ng	96
11) bis(2-Chloroethyl)ether	6.59	93	398695	41.968	ng	99
12) 1,3-Dichlorobenzene	6.79	146	435951	41.861	ng	99
13) 1,4-Dichlorobenzene	6.87	146	448376	42.986	ng	98
14) 1,2-Dichlorobenzene	7.02	146	416000	41.920	ng	99
15) Benzyl Alcohol	6.99	79	353861	41.500	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	606948	40.961	ng	99
17) 2-Methylphenol	7.10	107	331094	39.117	ng	98
18) Hexachloroethane	7.36	117	171067	43.635	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	291847	42.710	ng	99
20) 3+4-Methylphenols	7.25	107	413765	39.691	ng	92
22) Acetophenone	7.26	105	566599	44.139	ng	# 92
24) Nitrobenzene	7.43	77	451635	45.126	ng	98
25) Isophorone	7.67	82	792730	41.239	ng	96
26) 2-Nitrophenol	7.75	139	177522	42.673	ng	99
27) 2,4-Dimethylphenol	7.78	122	343036	44.703	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	500907	44.028	ng	99
29) 2,4-Dichlorophenol	7.99	162	323087	42.175	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	359187	41.745	ng	99
31) Naphthalene	8.16	128	1169314	42.367	ng	100
32) Benzoic acid	7.90	122	206852	38.992	ng	98
33) 4-Chloroaniline	8.20	127	289011	24.677	ng	96
34) Hexachlorobutadiene	8.27	225	215123	41.571	ng	99
35) Caprolactam	8.56	113	54374	24.359	ng	96
36) 4-Chloro-3-methylphenol	8.68	107	344406	43.220	ng	94
37) 2-Methylnaphthalene	8.85	142	775622	43.231	ng	99
38) 1-Methylnaphthalene	8.95	142	738564	43.947	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	332454	43.815	ng	99

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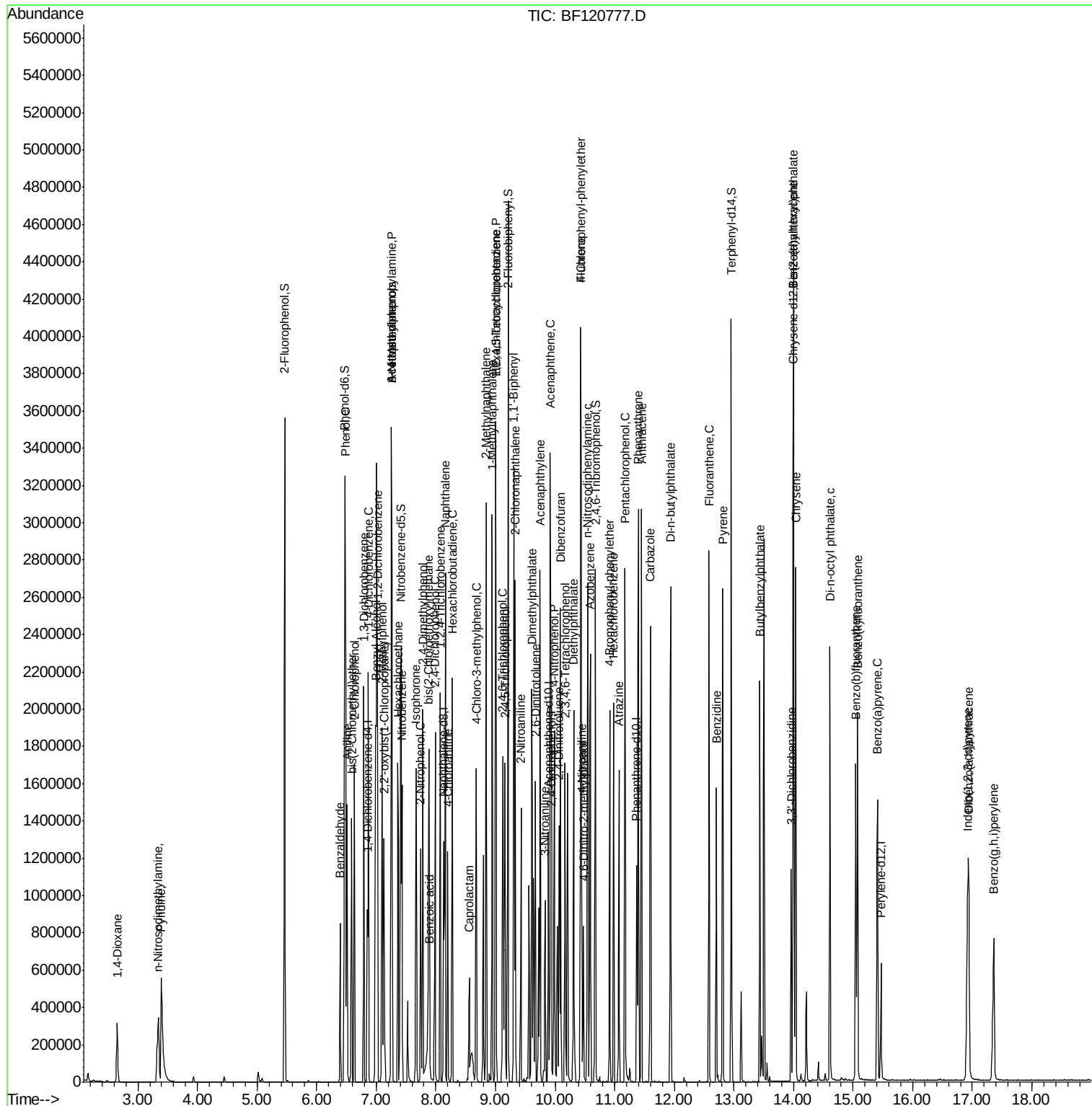
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	424465	94.681	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	220915	42.727	nq	98
44) 2,4,5-Trichlorophenol	9.16	196	238312	41.532	nq	97
46) 1,1'-Biphenyl	9.31	154	913122	45.089	nq	100
47) 2-Chloronaphthalene	9.33	162	700725	43.190	nq	100
48) 2-Nitroaniline	9.43	65	217467	44.942	nq	98
49) Acenaphthylene	9.75	152	1090882	42.887	nq	100
50) Dimethylphthalate	9.61	163	786255	42.931	nq	99
51) 2,6-Dinitrotoluene	9.67	165	162923	44.915	nq	98
52) Acenaphthene	9.92	154	733828	46.504	nq	97
53) 3-Nitroaniline	9.83	138	120799	28.003	nq	98
54) 2,4-Dinitrophenol	9.94	184	111695	78.239	nq	# 87
55) Dibenzofuran	10.09	168	995659	43.773	nq	98
56) 4-Nitrophenol	9.99	139	282560	84.019	nq	95
57) 2,4-Dinitrotoluene	10.07	165	211048	46.642	nq	97
58) Fluorene	10.44	166	761850	44.999	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	180944	42.376	nq	97
60) Diethylphthalate	10.31	149	812590	42.592	nq	100
61) 4-Chlorophenyl-phenylether	10.43	204	367582	43.188	nq	98
62) 4-Nitroaniline	10.45	138	175738	45.162	nq	98
63) Azobenzene	10.59	77	854007	43.759	nq	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	76115	42.451	nq	97
66) n-Nitrosodiphenylamine	10.55	169	669694	45.813	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	214597	42.418	nq	98
68) Hexachlorobenzene	10.98	284	240826	45.363	nq	100
69) Atrazine	11.07	200	180835	48.018	nq	98
70) Pentachlorophenol	11.17	266	278956	92.874	nq	98
71) Phenanthrene	11.40	178	1066488	45.068	nq	99
72) Anthracene	11.45	178	1096604	45.859	nq	100
73) Carbazole	11.60	167	994694	43.286	nq	99
74) Di-n-butylphthalate	11.94	149	1224588	43.044	nq	99
75) Fluoranthene	12.59	202	1110014	44.033	nq	98
77) Benzidine	12.70	184	474037	51.957	nq	99
78) Pyrene	12.82	202	1125779	43.609	nq	99
80) Butylbenzylphthalate	13.44	149	461328	41.392	nq	98
81) Benzo(a)anthracene	14.00	228	901022	43.486	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	192768	27.569	nq	98
83) Chrysene	14.04	228	914898	43.289	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	645919	44.194	nq	99
85) Di-n-octyl phthalate	14.61	149	1066859	41.261	nq	99
87) Indeno(1,2,3-cd)pyrene	16.92	276	765829	46.130	nq	99
88) Benzo(b)fluoranthene	15.04	252	820288	48.207	nq	99
89) Benzo(k)fluoranthene	15.07	252	744891	44.988	nq	99
90) Benzo(a)pyrene	15.41	252	678408	44.693	nq	99
91) Dibenzo(a,h)anthracene	16.94	278	655241	47.354	nq	99
92) Benzo(g,h,i)perylene	17.36	276	601444	47.559	nq	100

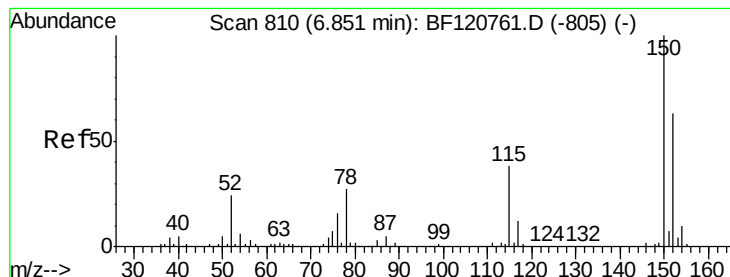
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

Instrument :

BNA_F

ClientSampleId :

PB129924BS

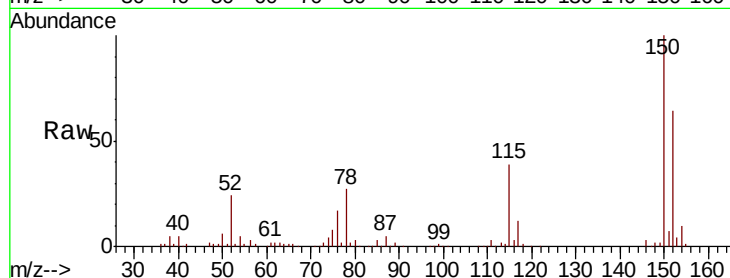
Tot Ion:152 Resp: 137180

Ion Ratio Lower Upper

152 100

150 155.4 126.1 189.1

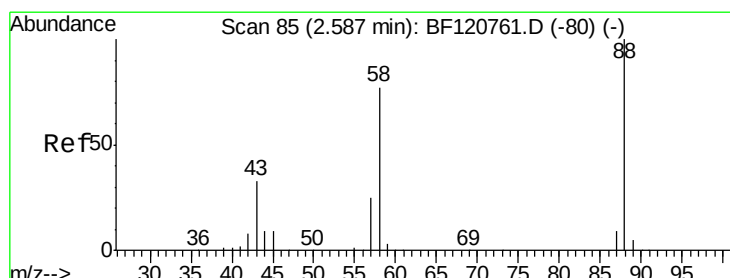
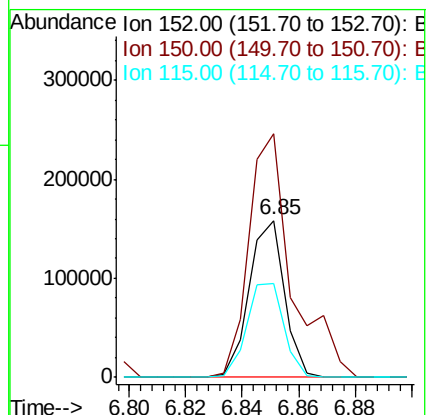
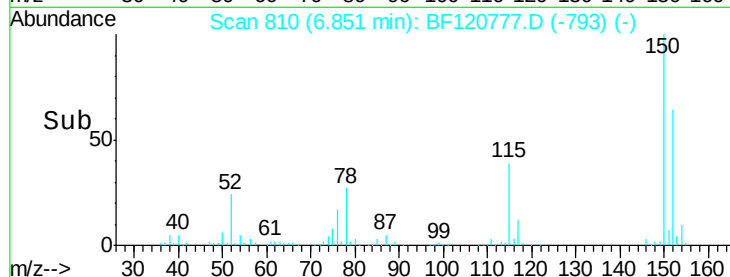
115 60.2 48.5 72.7



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: 39.127 ng

RT: 2.65 min Scan# 96

Delta R.T. 0.06 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

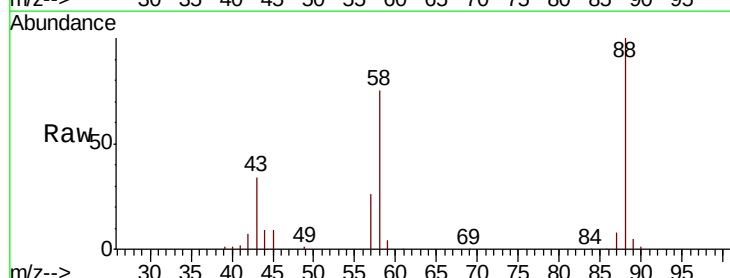
Tgt Ion: 88 Resp: 158834

Ion Ratio Lower Upper

88 100

58 74.5 60.4 90.6

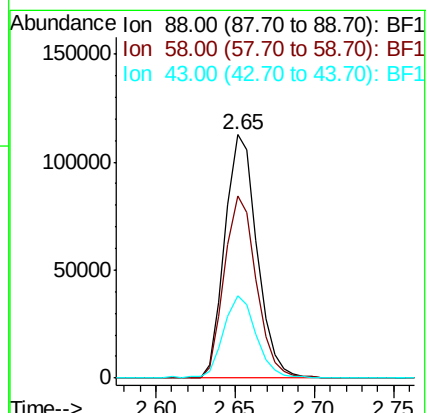
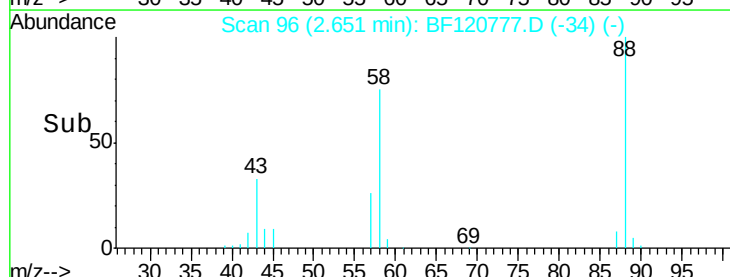
43 34.6 26.3 39.5

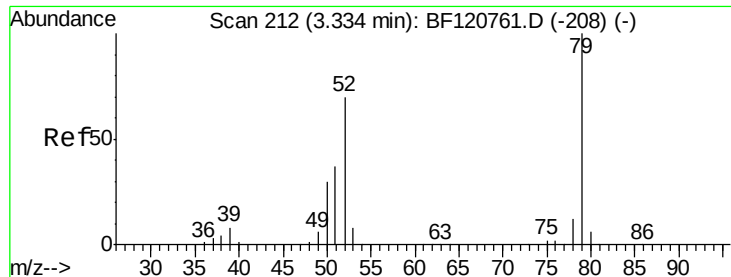


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.963 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.06 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

Instrument :

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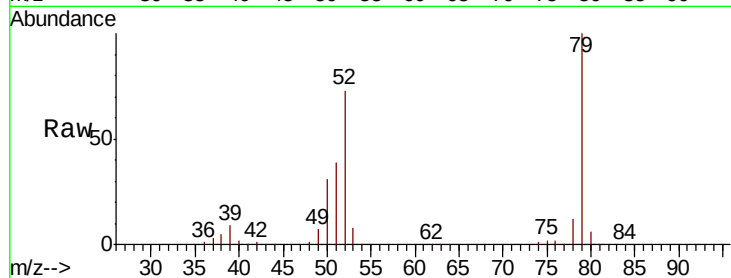
Tot Ion: 79 Resp: 433241

Ion Ratio Lower Upper

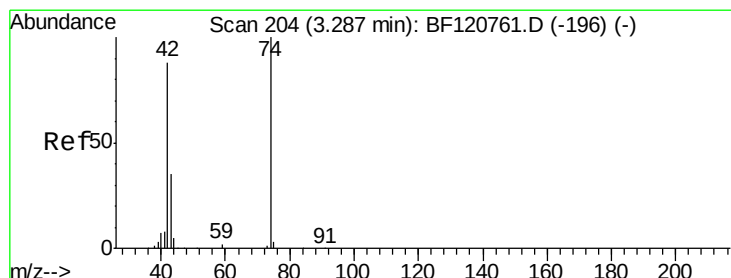
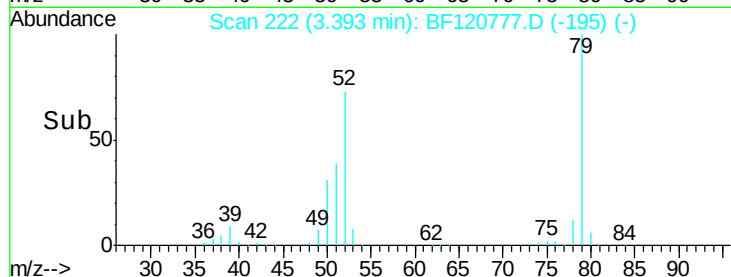
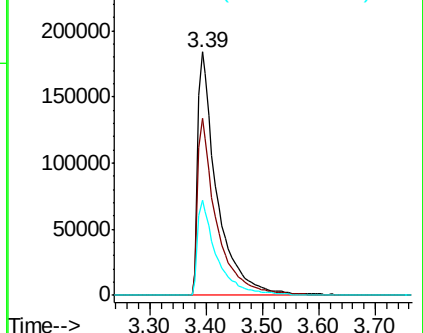
79 100

52 72.6 56.3 84.5

51 39.0 30.1 45.1



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



#4

n-Nitrosodimethylamine

Concen: 44.206 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.06 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

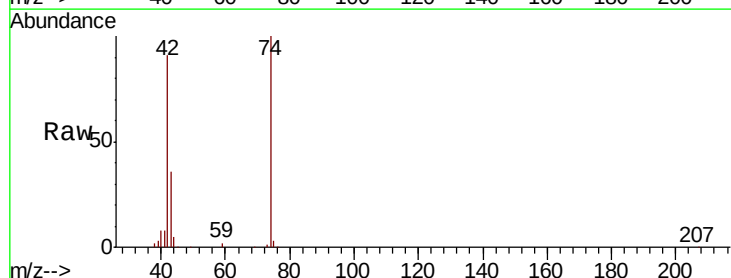
Tgt Ion: 42 Resp: 245895

Ion Ratio Lower Upper

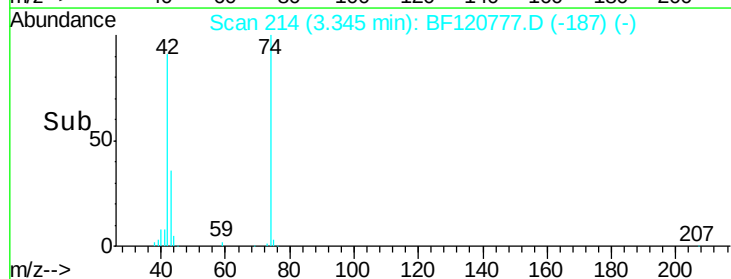
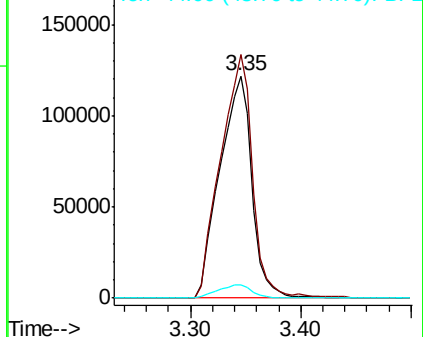
42 100

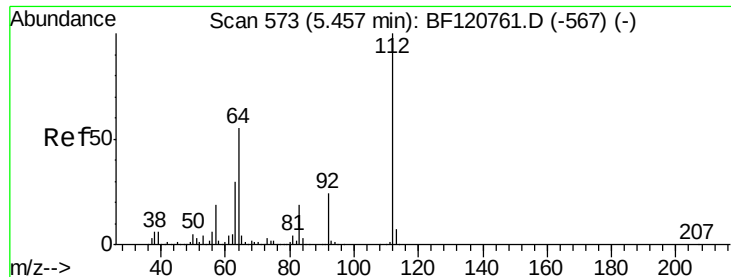
74 109.5 90.8 136.2

44 5.8 5.8 8.8#



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





#5

2-Fluorophenol

Concen: 122.028 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

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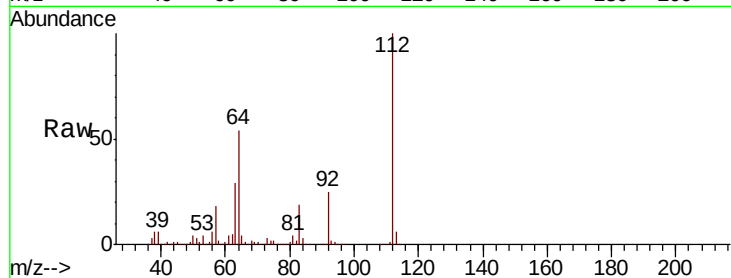
Tot Ion:112 Resp: 1084433

Ion Ratio Lower Upper

112 100

64 54.3 43.8 65.6

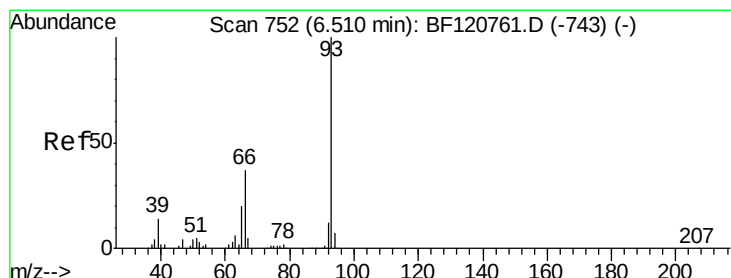
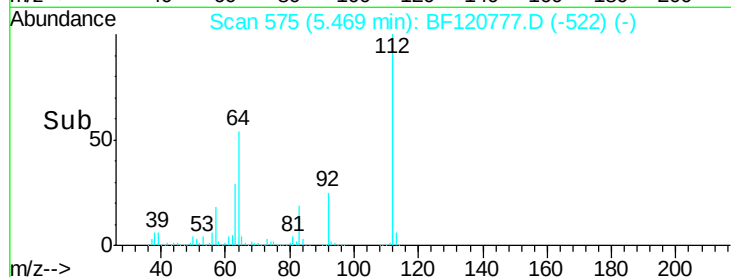
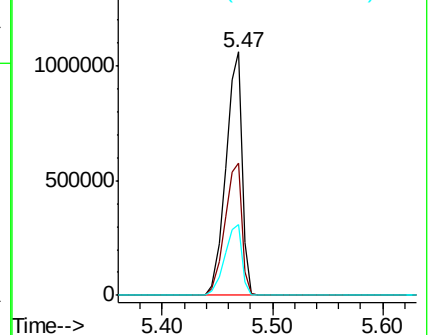
63 29.1 23.6 35.4



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: 36.750 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

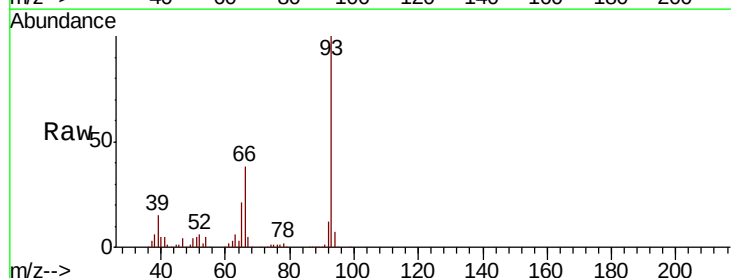
Tgt Ion: 93 Resp: 535632

Ion Ratio Lower Upper

93 100

66 38.5 31.3 46.9

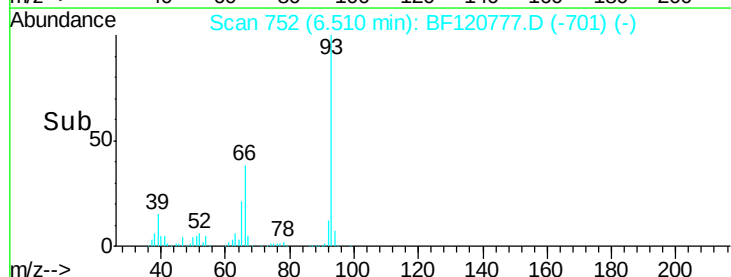
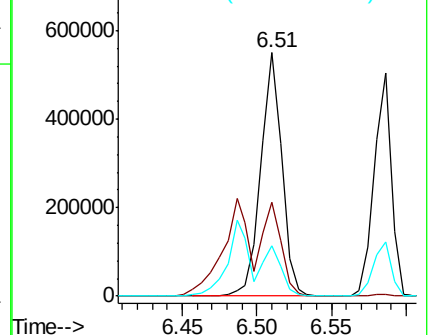
65 20.9 16.5 24.7

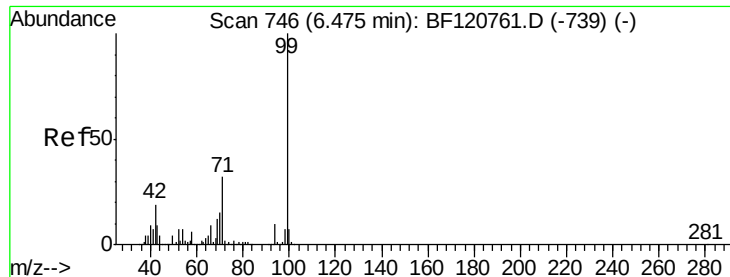


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 115.937 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

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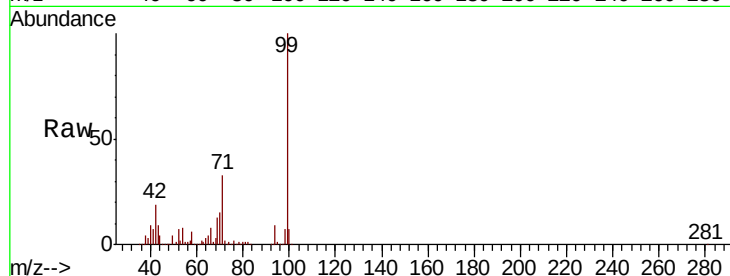
Tot Ion: 99 Resp: 1315743

Ion Ratio Lower Upper

99 100

42 19.5 15.4 23.0

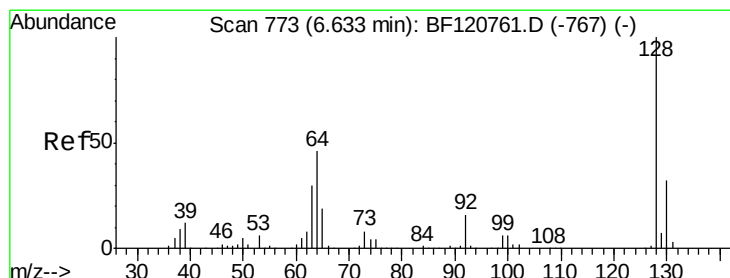
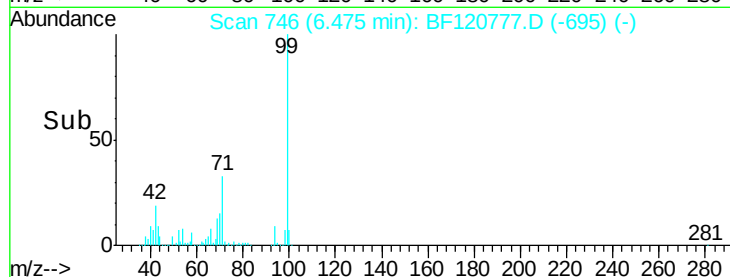
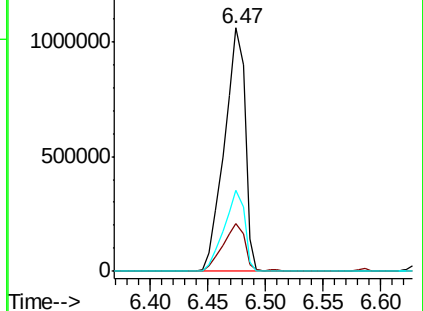
71 33.1 25.9 38.9



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: 43.244 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

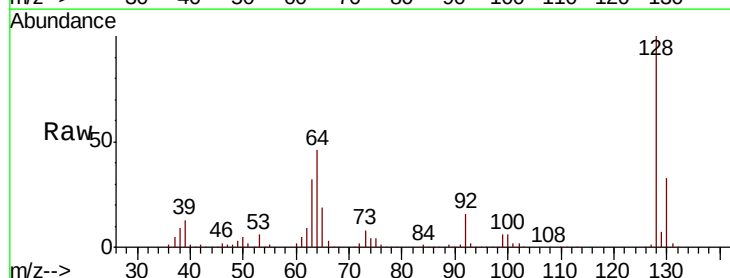
Tgt Ion:128 Resp: 409151

Ion Ratio Lower Upper

128 100

130 33.0 12.1 52.1

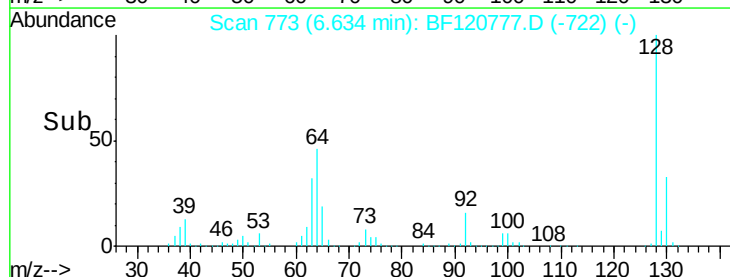
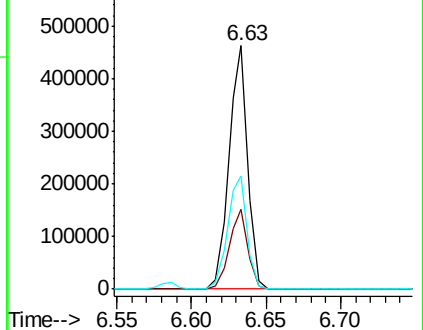
64 46.4 26.3 66.3

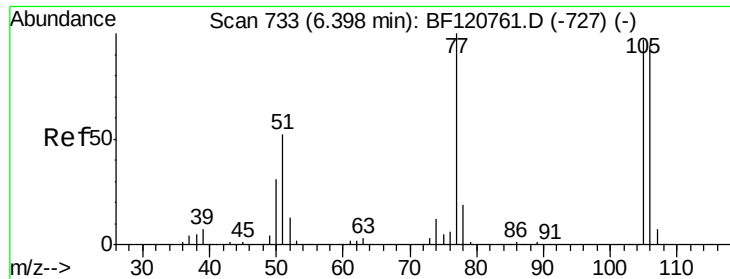


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 23.050 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

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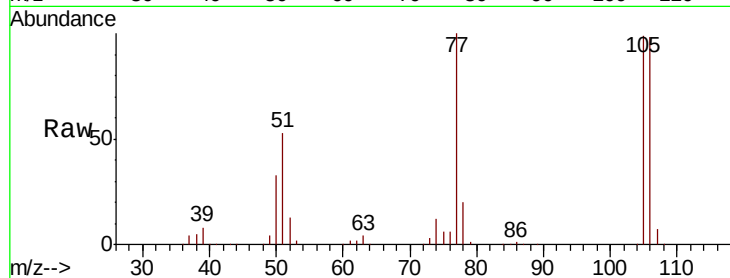
Tot Ion: 77 Resp: 155578

Ion Ratio Lower Upper

77 100

105 98.9 76.8 116.8

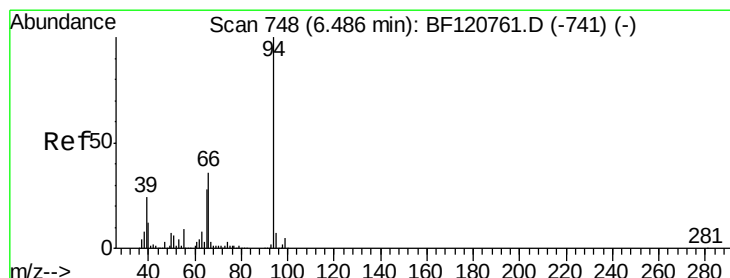
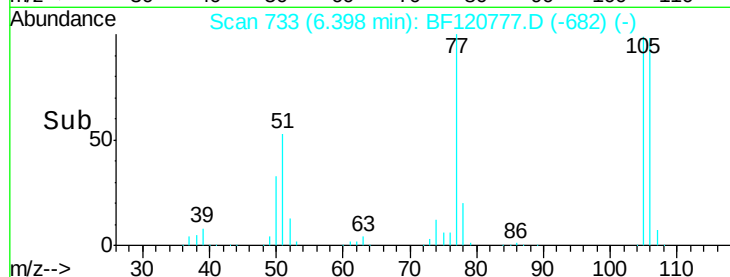
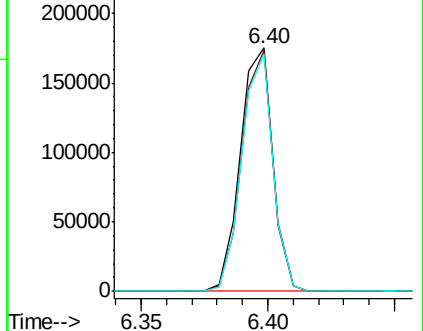
106 97.7 73.8 113.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 46.024 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

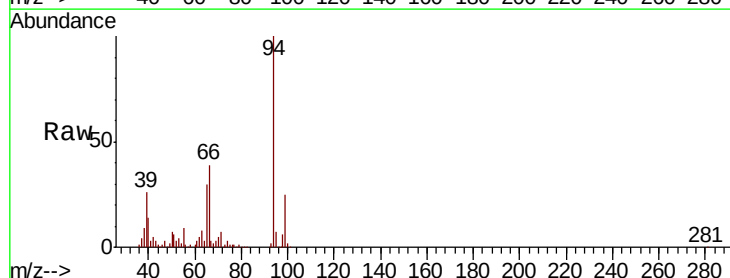
Tgt Ion: 94 Resp: 537308

Ion Ratio Lower Upper

94 100

65 30.4 8.4 48.4

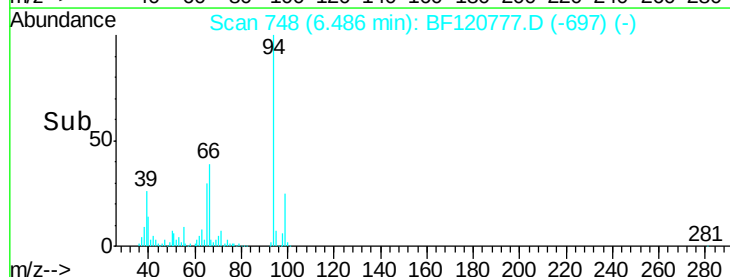
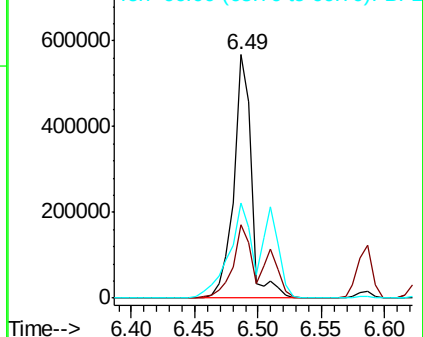
66 39.0 16.5 56.5

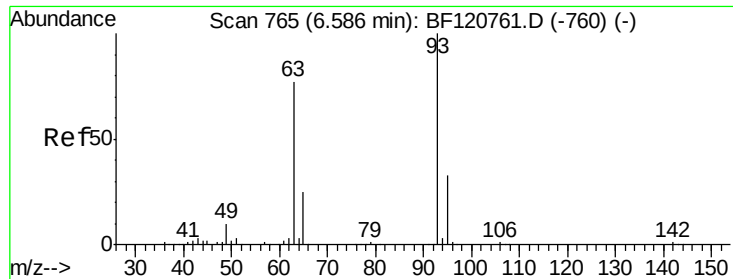


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

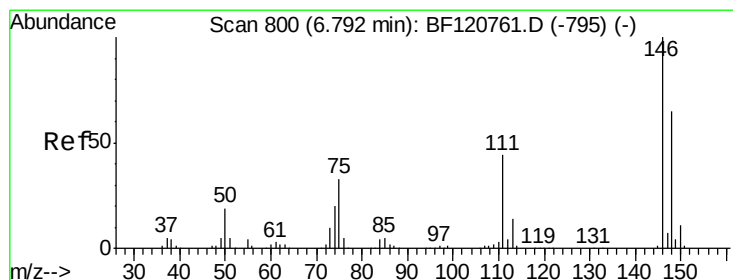
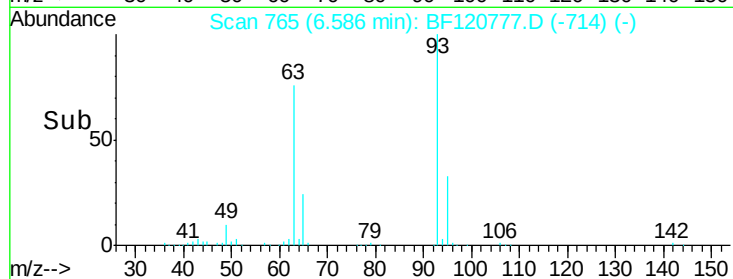
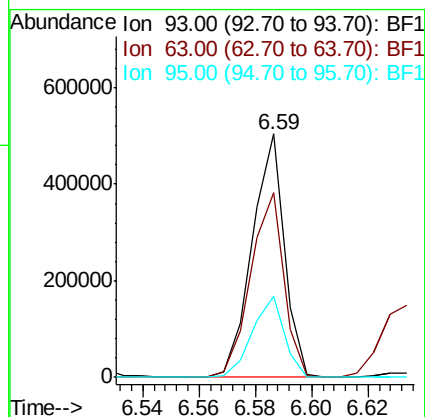
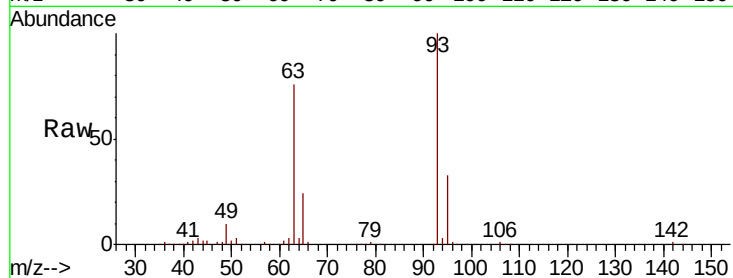




#11
 bis(2-Chloroethyl)ether
 Concen: 41.968 ng
 RT: 6.59 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF120777.D
 Acq: 7 Jul 2020 10:16

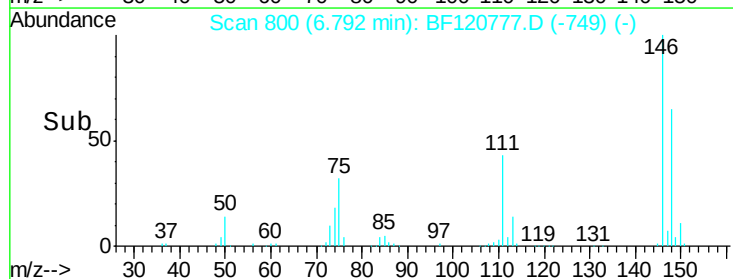
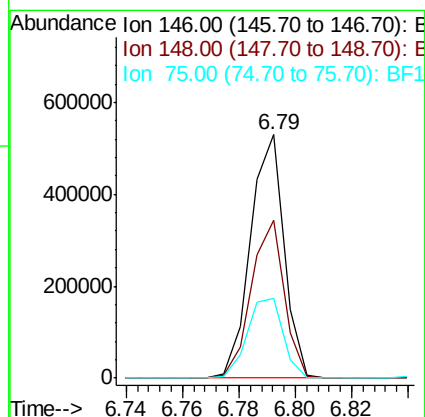
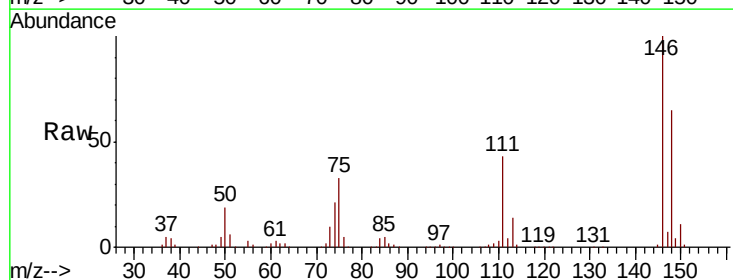
Instrument :
 BNA_F
 ClientSampleId :
 PB129924BS

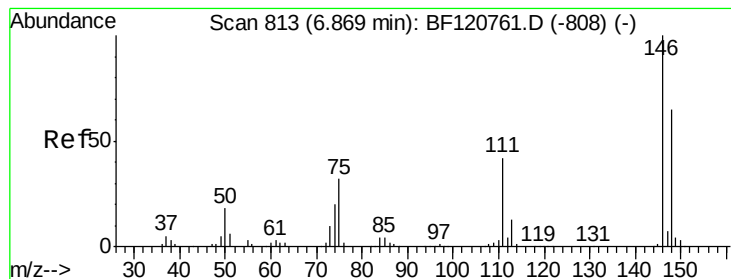
Tot Ion	93	Resp	398695
Ion Ratio	Lower	Upper	
93	100		
63	76.0	56.9	96.9
95	33.1	13.3	53.3



#12
 1,3-Dichlorobenzene
 Concen: 41.861 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF120777.D
 Acq: 7 Jul 2020 10:16

Tgt Ion	146	Resp	435951
Ion Ratio	Lower	Upper	
146	100		
148	64.6	52.1	78.1
75	32.9	26.0	39.0





#13

1,4-Dichlorobenzene

Concen: 42.986 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

Instrument :

BNA_F

ClientSampleId :

PB129924BS

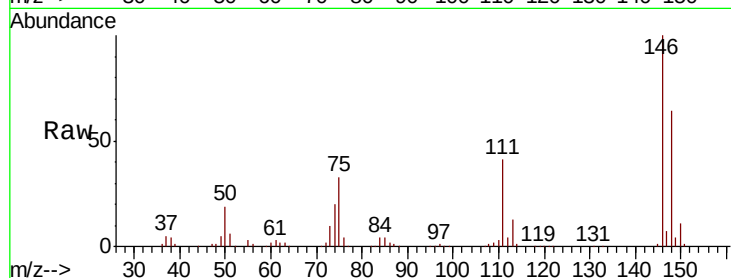
Tot Ion:146 Resp: 448376

Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.6

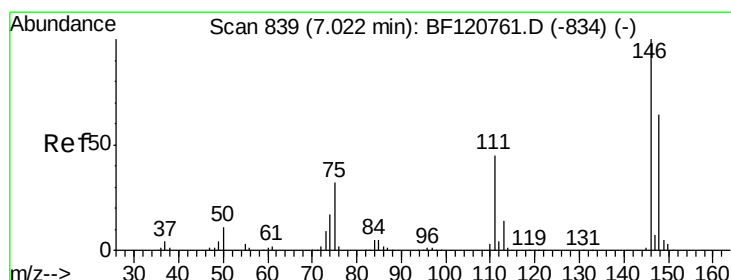
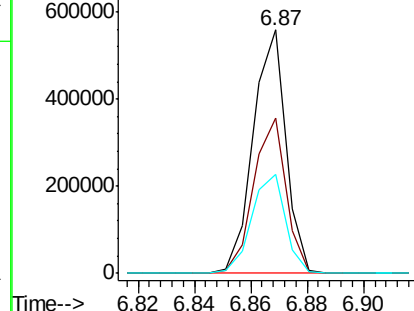
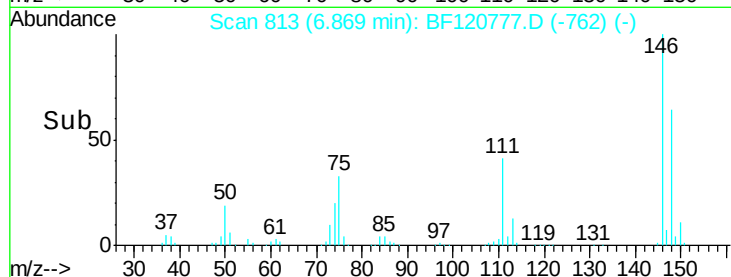
111 40.6 33.7 50.5



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: 41.920 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

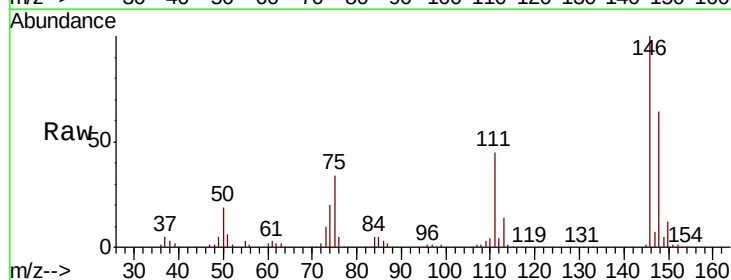
Tgt Ion:146 Resp: 416000

Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.4

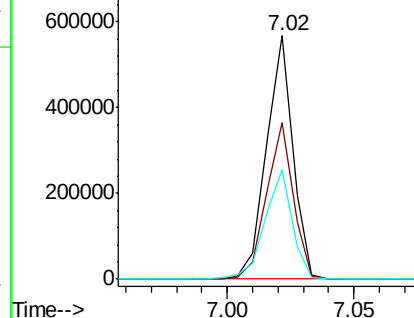
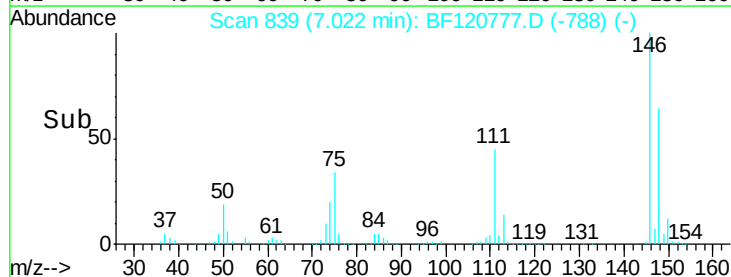
111 45.1 35.7 53.5

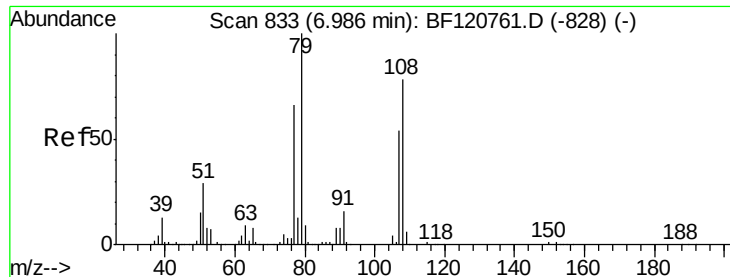


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.500 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

Instrument :

BNA_F

ClientSampleId :

PB129924BS

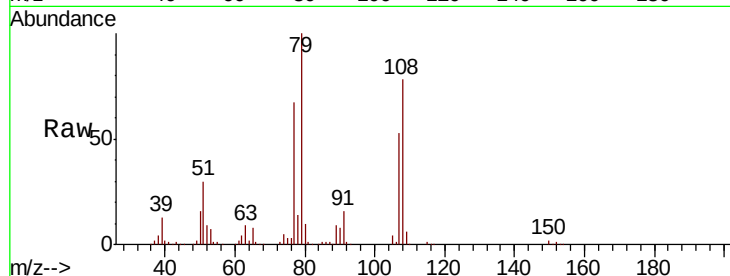
Tot Ion: 79 Resp: 353861

Ion Ratio Lower Upper

79 100

108 77.8 62.4 93.6

77 67.2 52.7 79.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

6.99

400000

300000

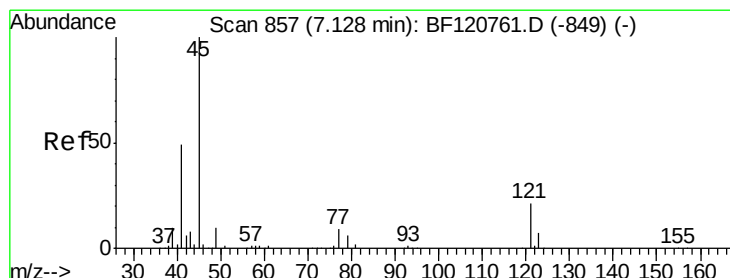
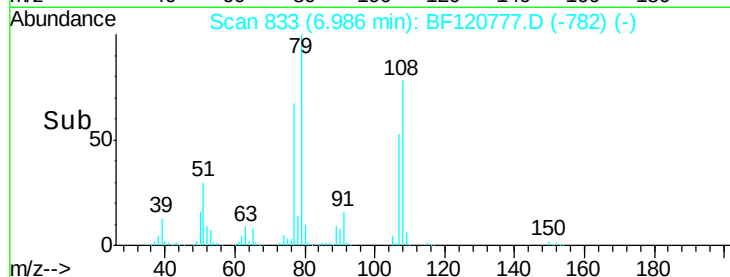
200000

100000

0

6.95 7.00 7.05

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.961 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

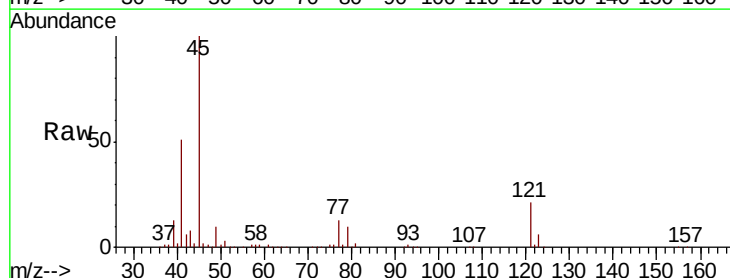
Tgt Ion: 45 Resp: 606948

Ion Ratio Lower Upper

45 100

77 13.4 0.0 33.7

79 10.1 0.0 30.5



Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

7.13

600000

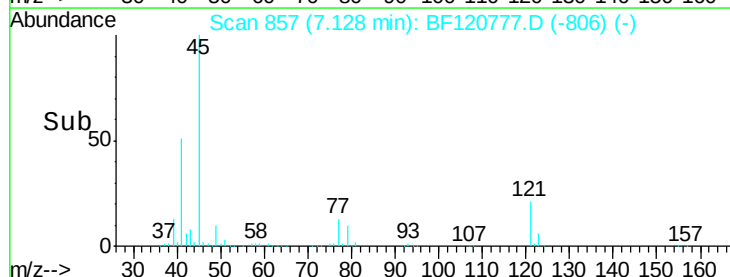
400000

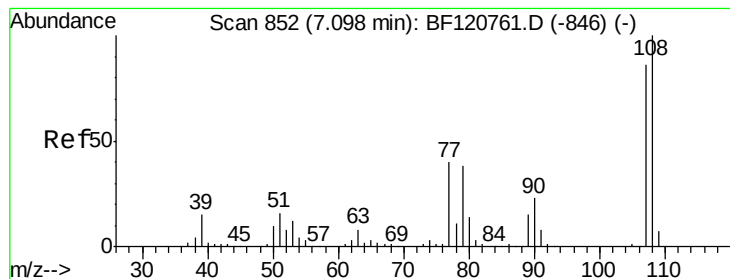
200000

0

7.05 7.10 7.15 7.20

Time-->

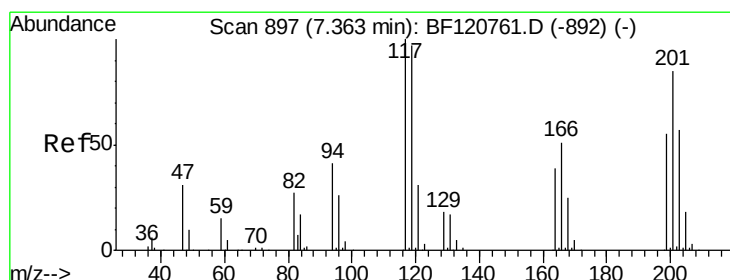
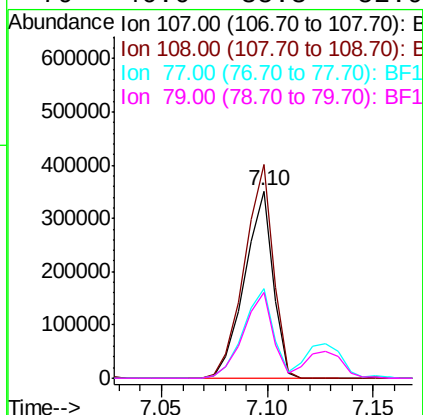
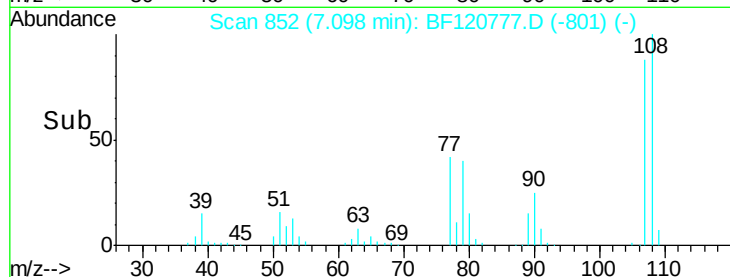
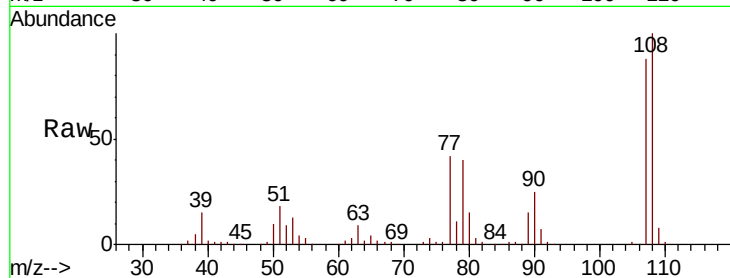




#17
2-Methylphenol
Concen: 39.117 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF120777.D
Acq: 7 Jul 2020 10:16

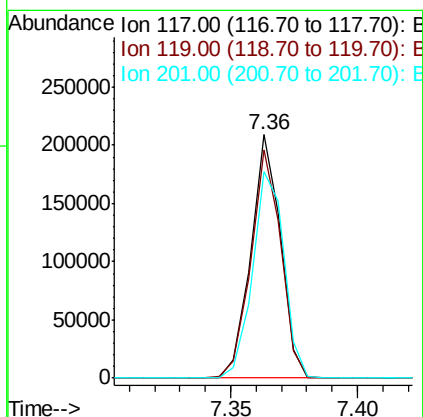
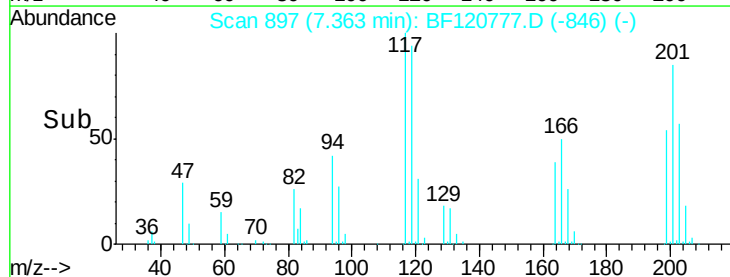
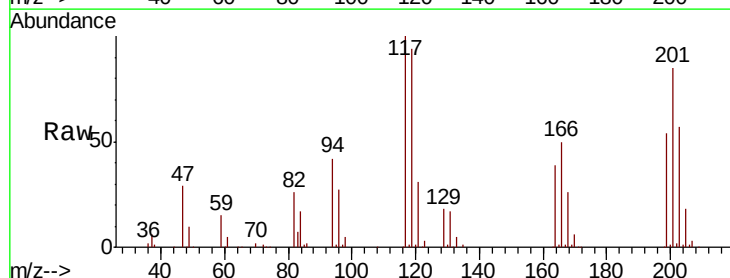
Instrument :
BNA_F
ClientSampleId :
PB129924BS

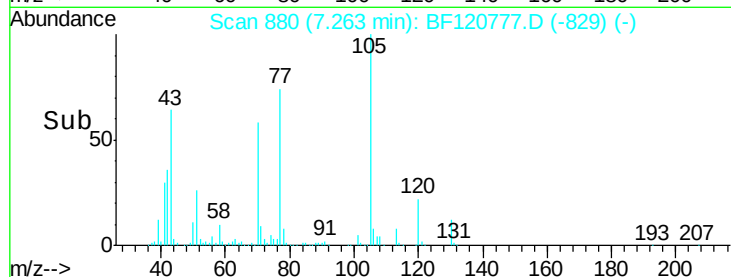
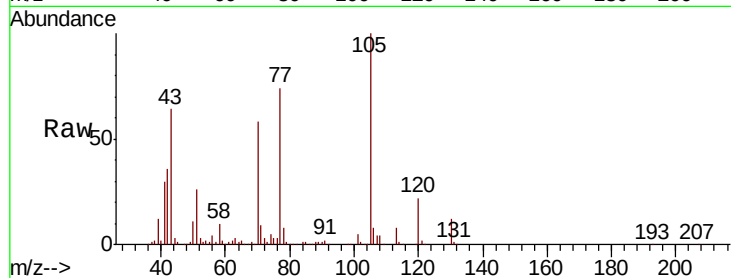
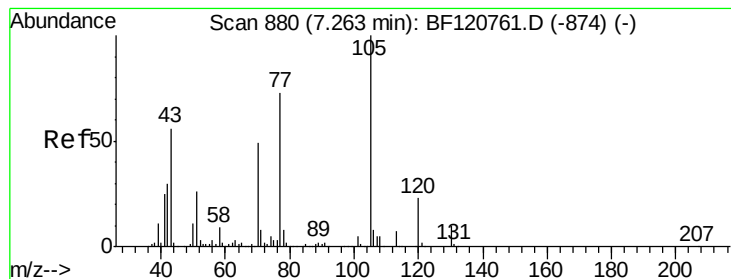
Tot Ion:	107	Resp:	331094
Ion	Ratio	Lower	Upper
107	100		
108	114.1	93.1	139.7
77	47.7	37.3	55.9
79	46.0	35.3	52.9



#18
Hexachloroethane
Concen: 43.635 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF120777.D
Acq: 7 Jul 2020 10:16

Tgt Ion:	117	Resp:	171067
Ion	Ratio	Lower	Upper
117	100		
119	93.8	77.9	116.9
201	85.1	68.3	102.5





#19

n-Nitroso-di-n-propylamine

Concen: 42.710 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

Instrument :

BNA_F

ClientSampleId :

PB129924BS

Tot Ion: 70 Resp: 291847

Ion Ratio Lower Upper

70 100

42 62.3 50.3 75.5

101 9.0 7.5 11.3

130 20.0 16.1 24.1

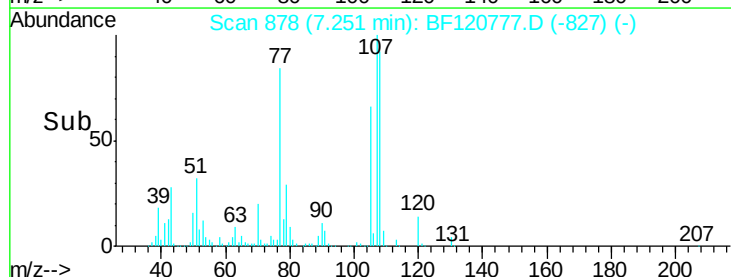
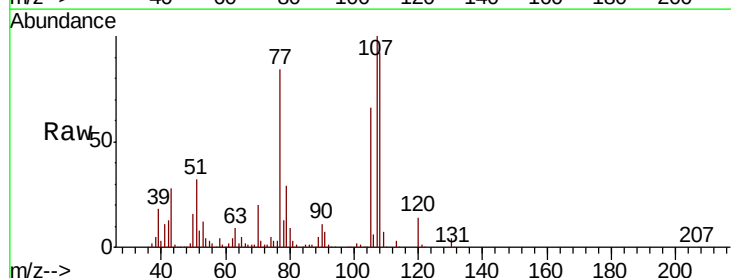
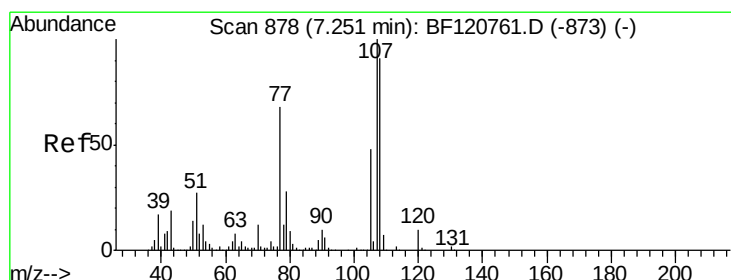
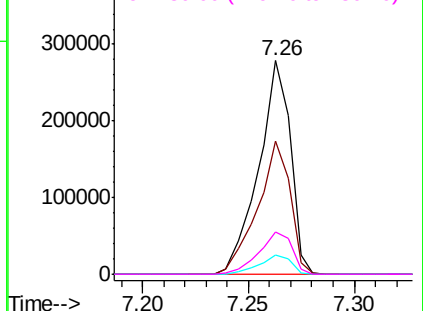
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 39.691 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

Tgt Ion: 107 Resp: 413765

Ion Ratio Lower Upper

107 100

108 92.2 70.9 110.9

77 83.6 48.3 88.3

79 28.9 7.8 47.8

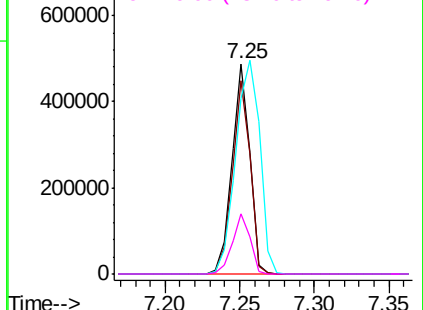
Abundance

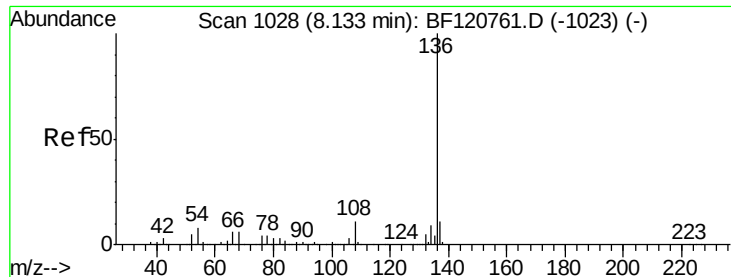
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

Instrument :

BNA_F

ClientSampleId :

PB129924BS

Tot Ion:136 Resp: 516433

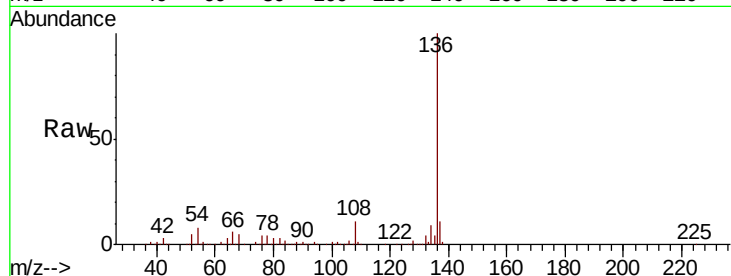
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 7.9 6.2 9.4

68 5.3 4.7 7.1

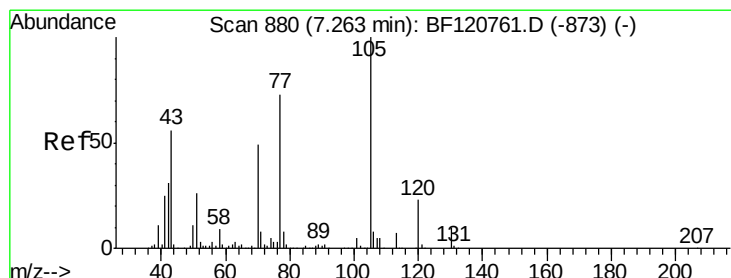
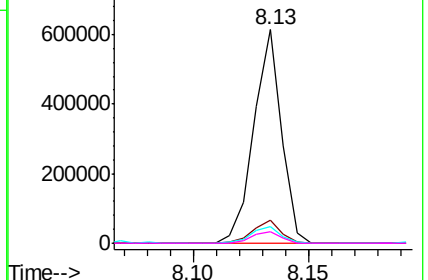
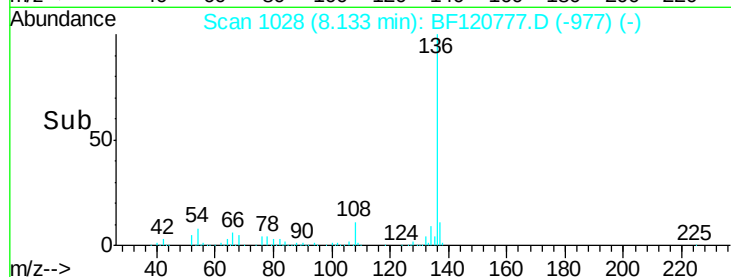


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 44.139 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

Tgt Ion:105 Resp: 566599

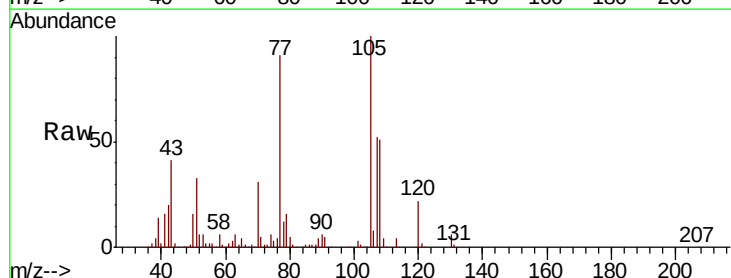
Ion Ratio Lower Upper

105 100

71 5.1 6.5 9.7#

51 33.1 21.0 31.4#

120 22.1 18.6 28.0

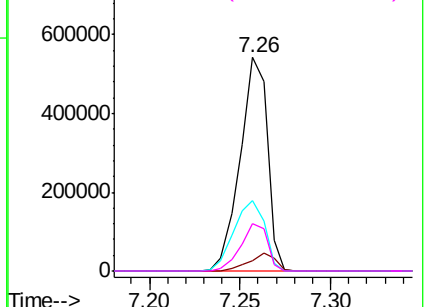
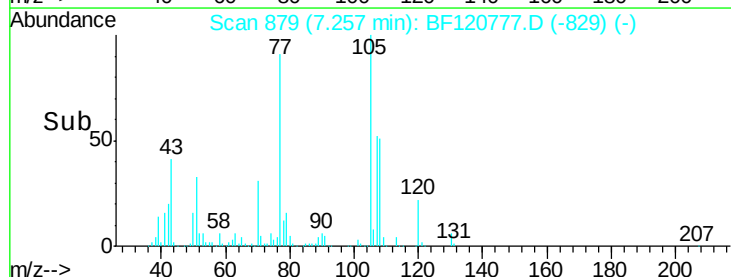


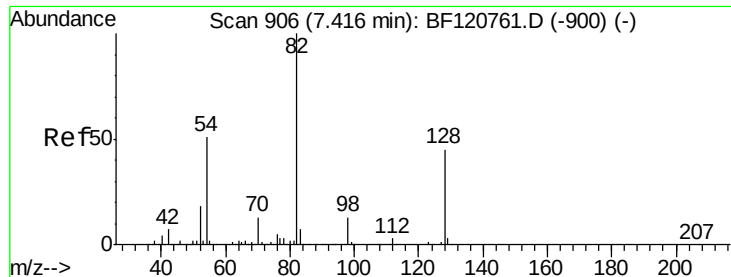
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

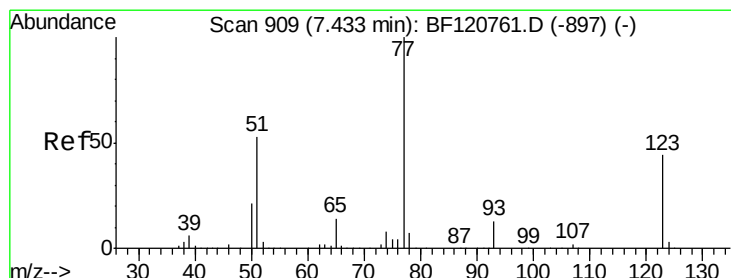
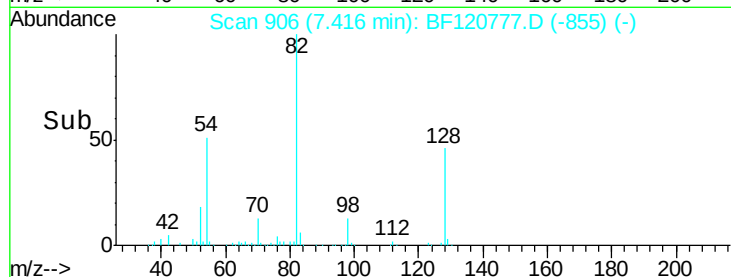
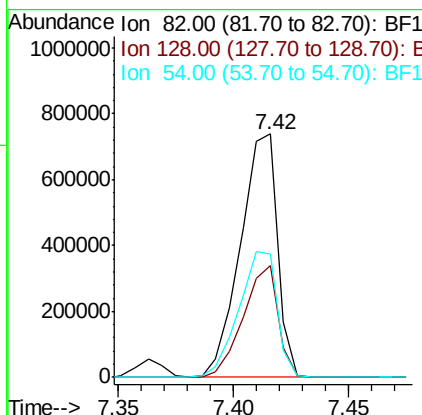
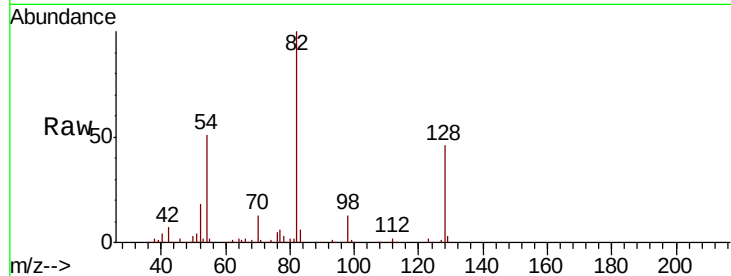




#23
 Nitrobenzene-d5
 Concen: 93.255 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF120777.D
 Acq: 7 Jul 2020 10:16

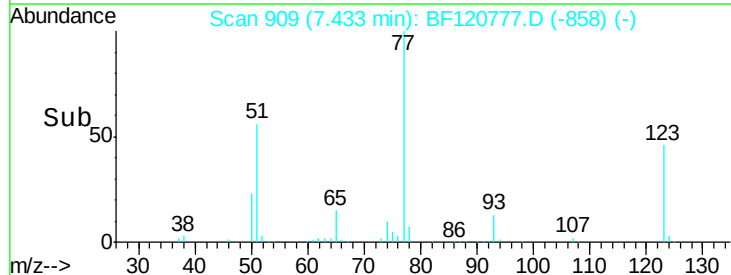
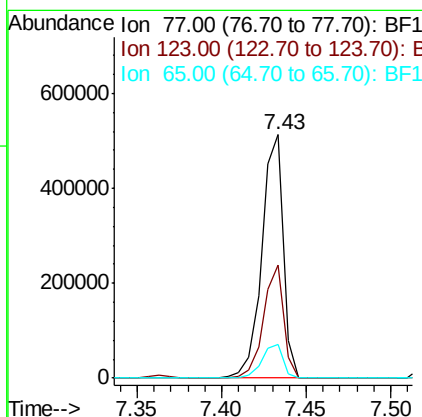
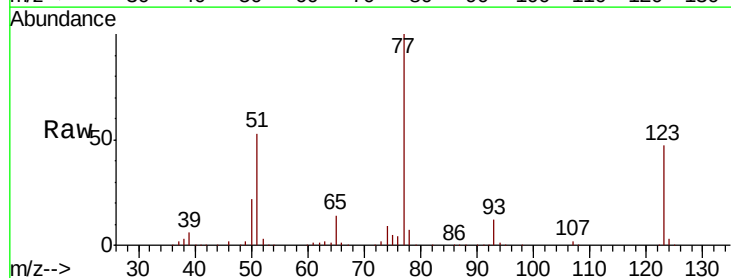
Instrument :
 BNA_F
 ClientSampleId :
 PB129924BS

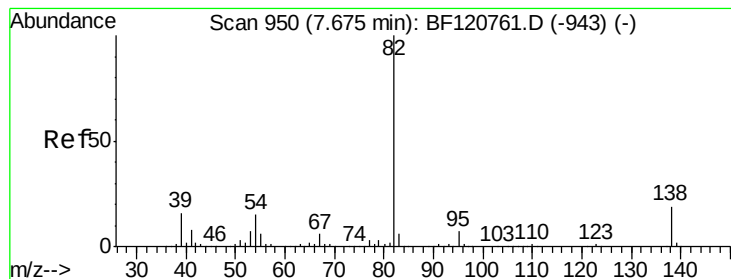
Tot Ion	82	Resp	831234
Ion Ratio	Lower	Upper	
82	100		
128	45.8	35.7	53.5
54	50.8	40.9	61.3



#24
 Nitrobenzene
 Concen: 45.126 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF120777.D
 Acq: 7 Jul 2020 10:16

Tgt Ion	77	Resp	451635
Ion Ratio	Lower	Upper	
77	100		
123	46.6	36.1	54.1
65	14.0	11.0	16.4





#25

Isophorone

Concen: 41.239 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

Instrument :

BNA_F

ClientSampleId :

PB129924BS

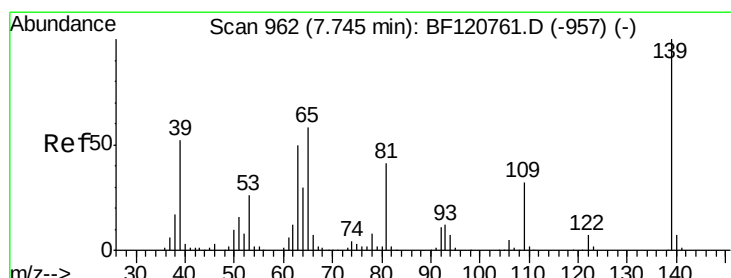
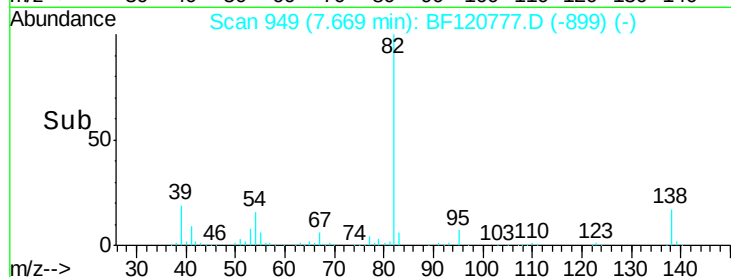
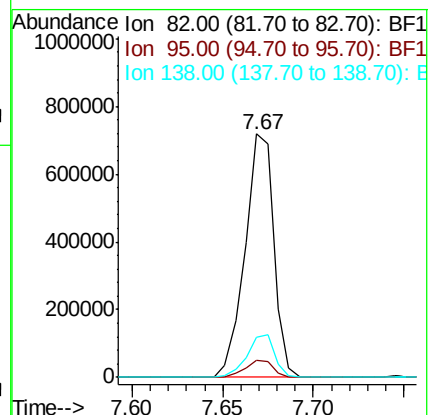
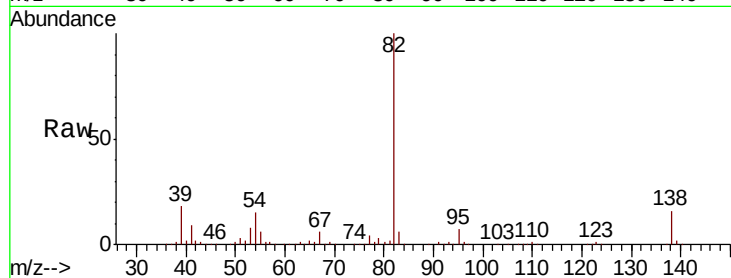
Tot Ion: 82 Resp: 792730

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 16.4 15.0 22.4



#26

2-Nitrophenol

Concen: 42.673 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

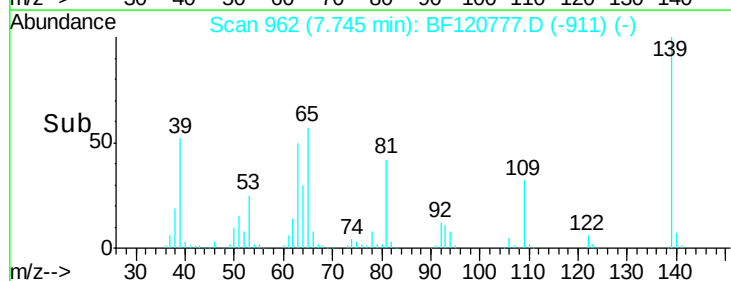
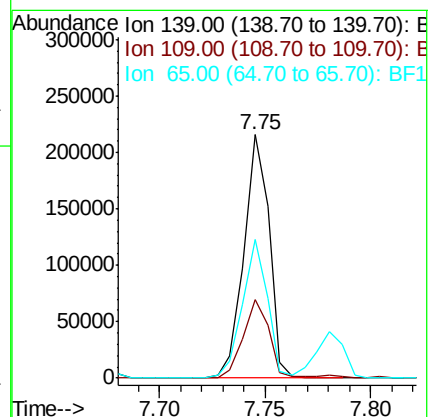
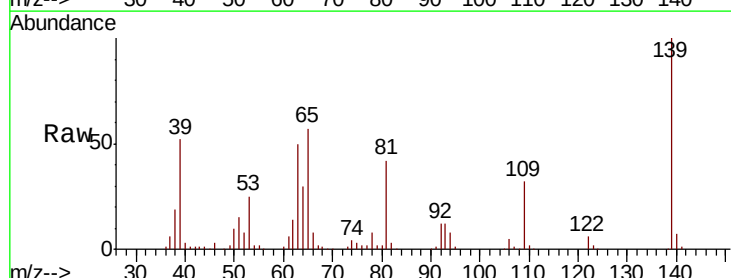
Tgt Ion: 139 Resp: 177522

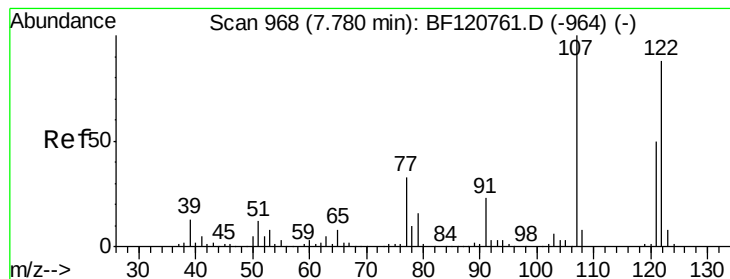
Ion Ratio Lower Upper

139 100

109 32.3 25.3 37.9

65 57.0 46.2 69.2





#27

2,4-Dimethylphenol

Concen: 44.703 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

Instrument :

BNA_F

ClientSampleId :

PB129924BS

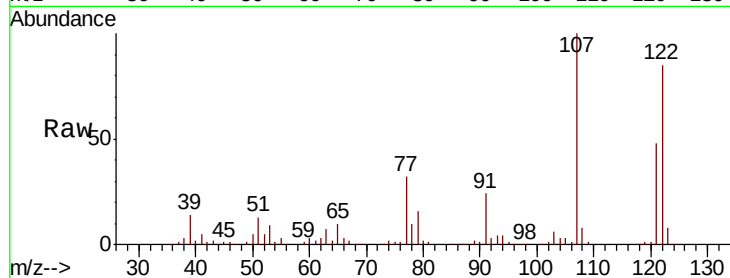
Tot Ion:122 Resp: 343036

Ion Ratio Lower Upper

122 100

107 117.0 90.7 136.1

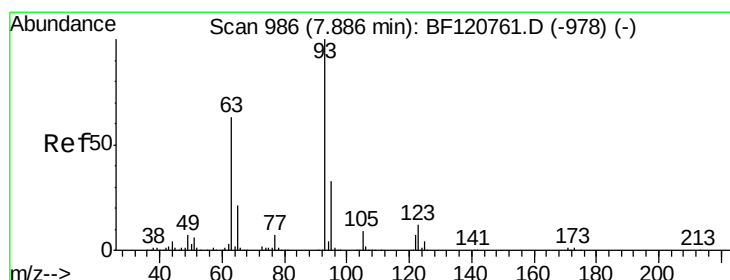
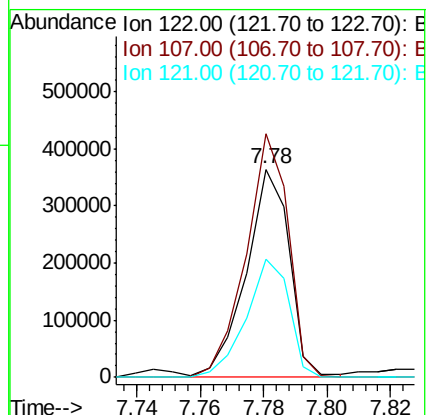
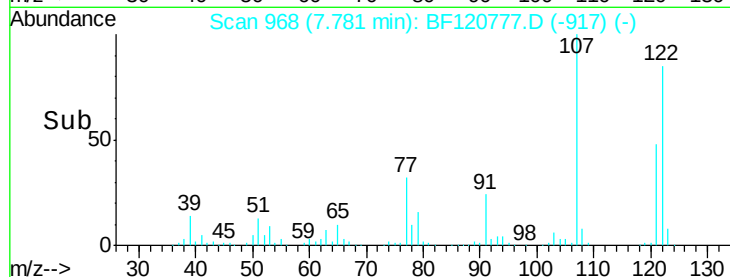
121 56.6 45.4 68.0



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: 44.028 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

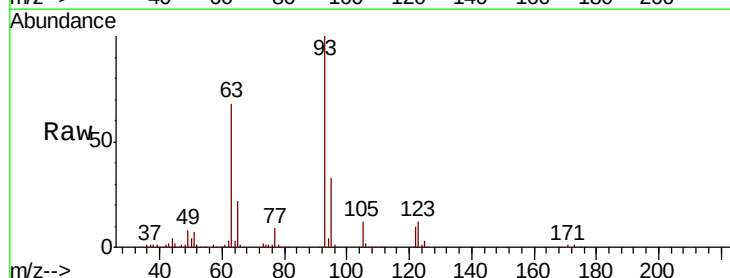
Tgt Ion: 93 Resp: 500907

Ion Ratio Lower Upper

93 100

95 33.0 26.4 39.6

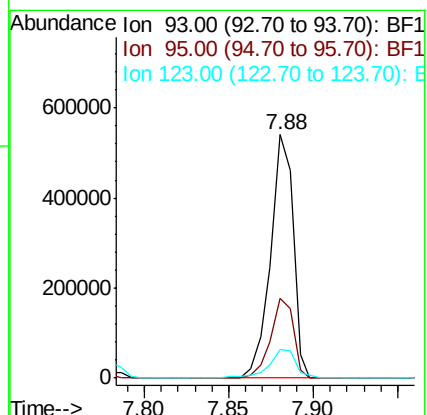
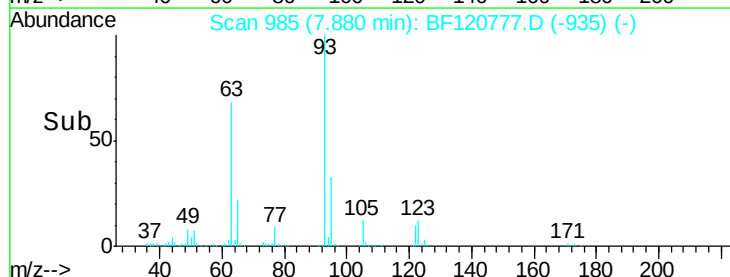
123 11.6 10.2 15.2

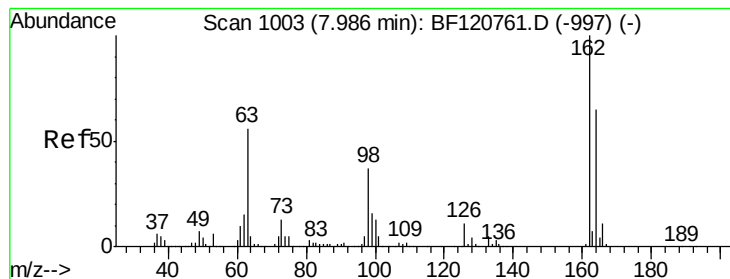


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.175 ng

RT: 7.99 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

Instrument :

BNA_F

ClientSampleId :

PB129924BS

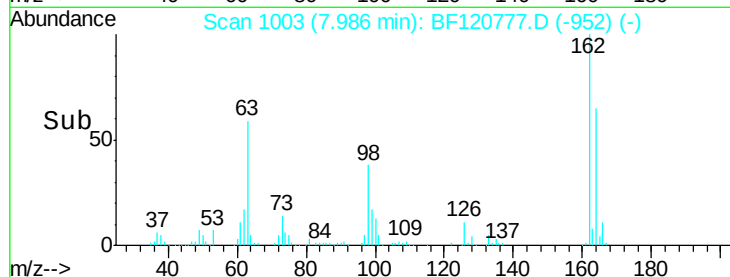
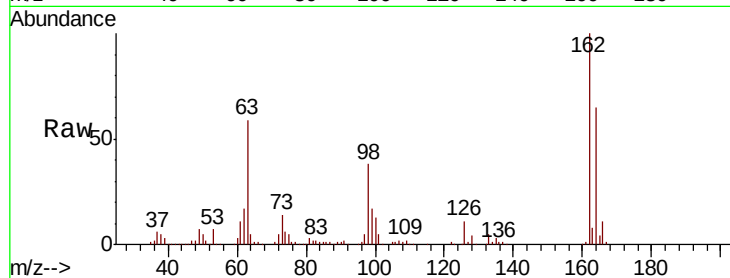
Tot Ion:162 Resp: 323087

Ion Ratio Lower Upper

162 100

164 65.5 45.2 85.2

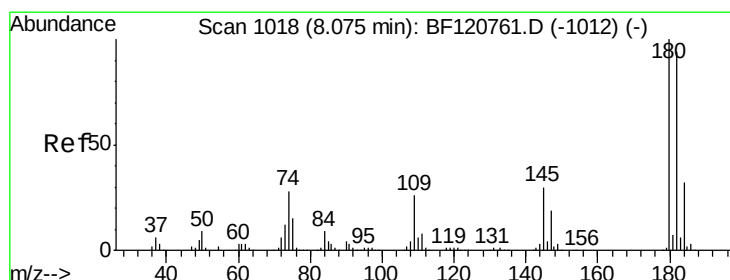
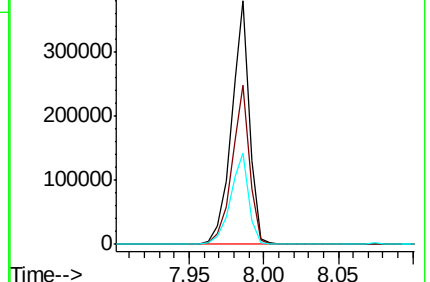
98 37.6 17.0 57.0



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: 41.745 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

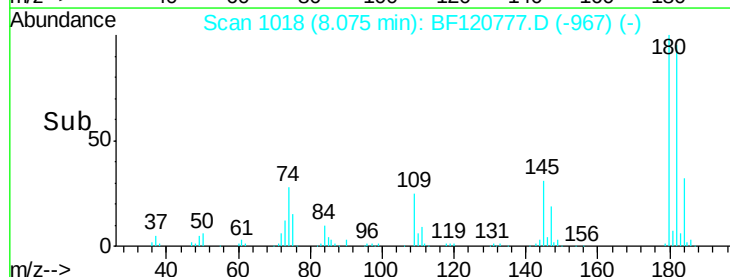
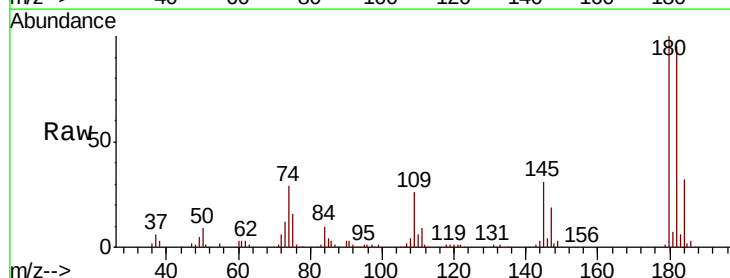
Tgt Ion:180 Resp: 359187

Ion Ratio Lower Upper

180 100

182 94.9 75.5 113.3

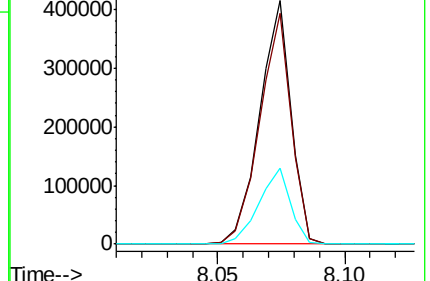
145 30.9 24.1 36.1

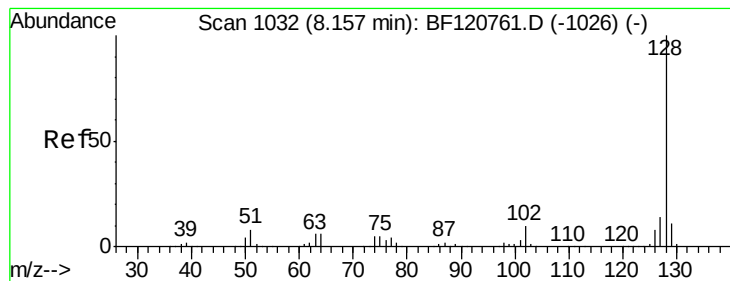


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.367 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

Instrument :

BNA_F

ClientSampleId :

PB129924BS

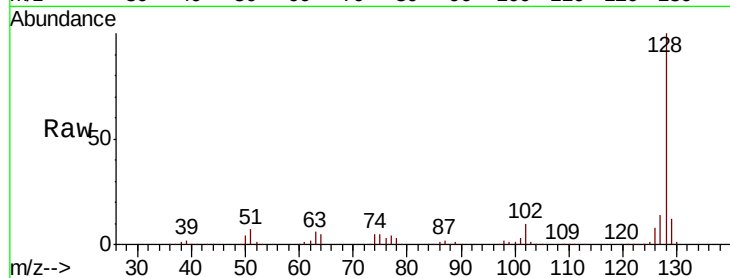
Tot Ion:128 Resp: 1169314

Ion Ratio Lower Upper

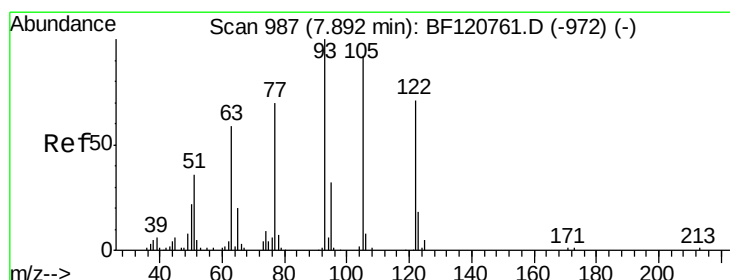
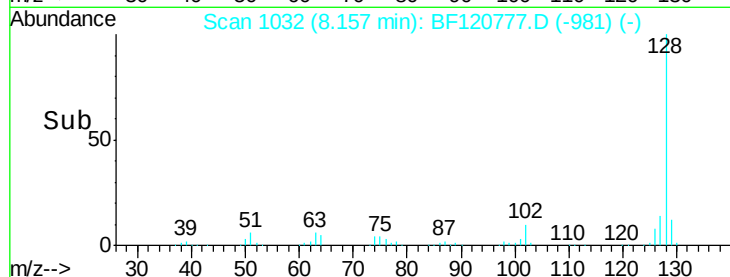
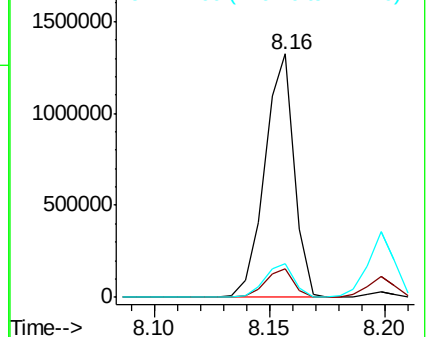
128 100

129 11.5 9.2 13.8

127 14.0 11.1 16.7



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: 38.992 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.01 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

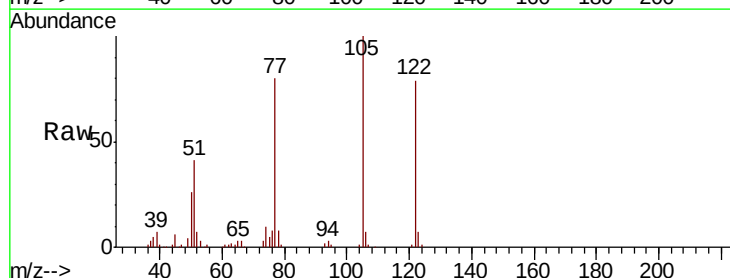
Tgt Ion:122 Resp: 206852

Ion Ratio Lower Upper

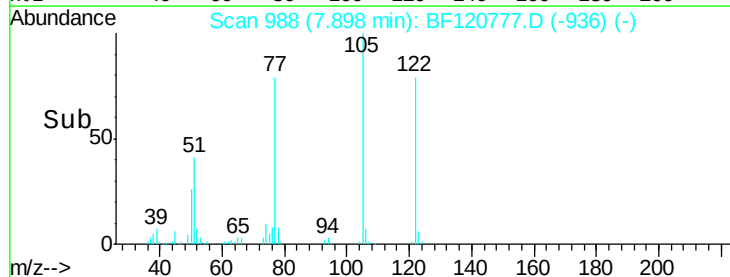
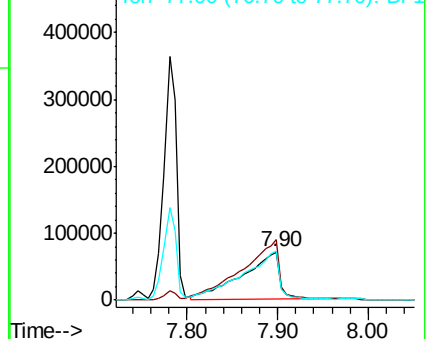
122 100

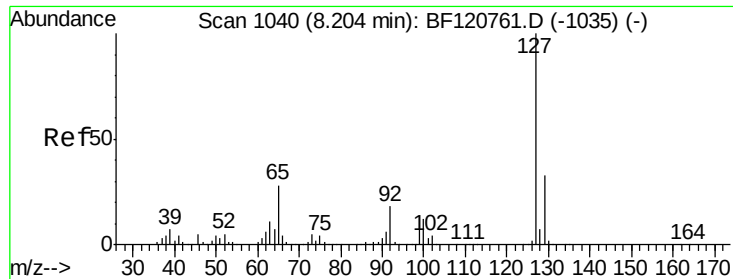
105 126.2 105.8 145.8

77 101.4 77.3 117.3



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

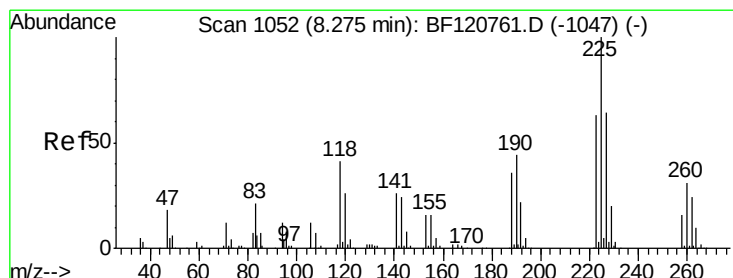
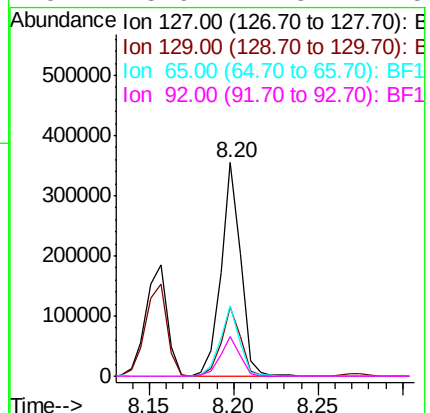
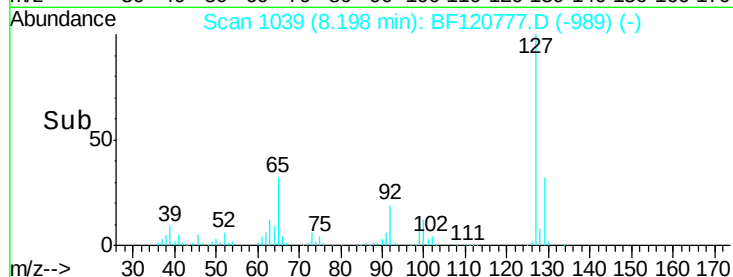
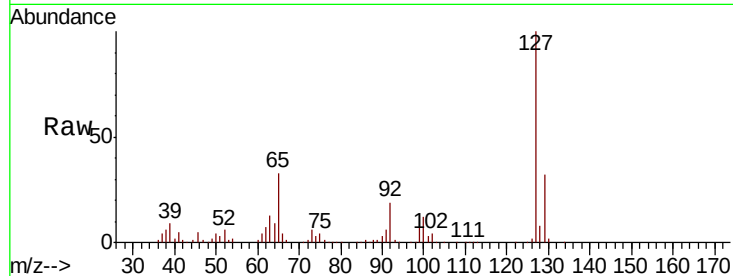




#33
4-Chloroaniline
Concen: 24.677 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF120777.D
Acq: 7 Jul 2020 10:16

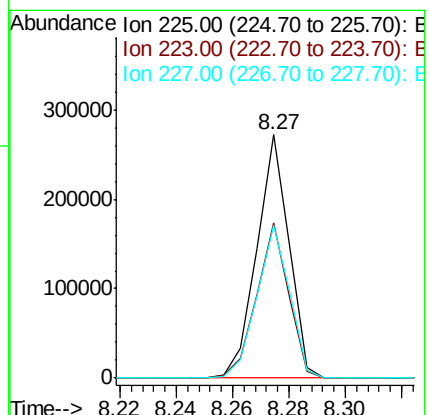
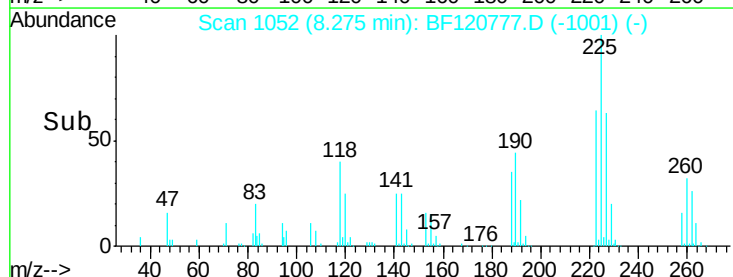
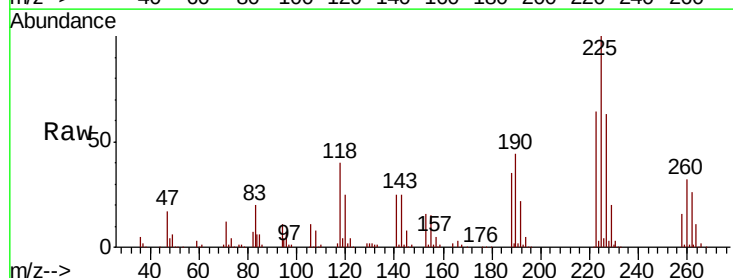
Instrument :
BNA_F
ClientSampleId :
PB129924BS

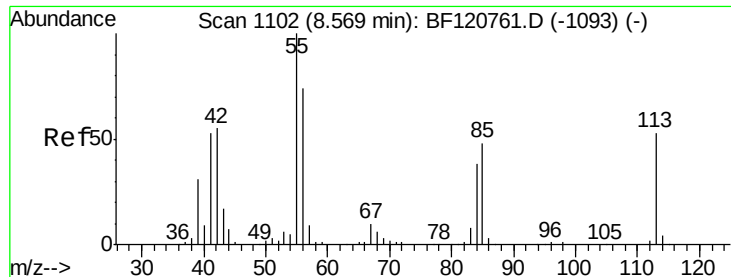
Tot Ion:	127	Resp:	289011
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.6	39.8
65	32.7	22.7	34.1
92	18.9	14.3	21.5



#34
Hexachlorobutadiene
Concen: 41.571 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF120777.D
Acq: 7 Jul 2020 10:16

Tgt Ion:	225	Resp:	215123
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	76.0
227	63.0	51.4	77.2

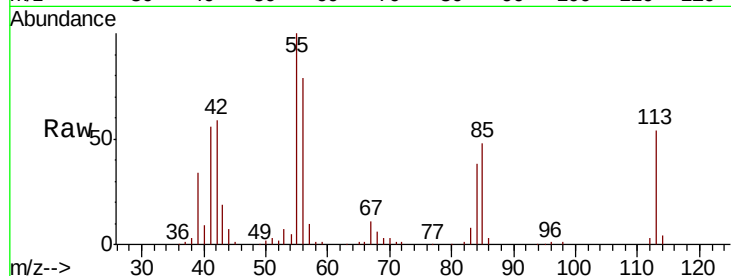




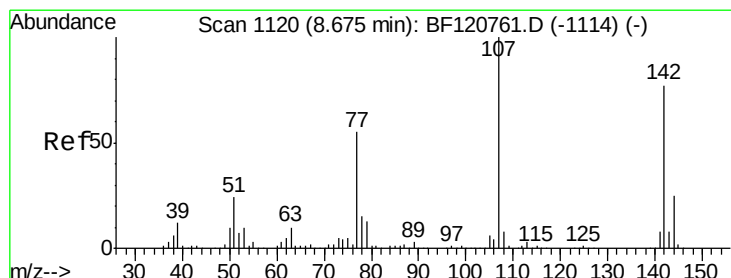
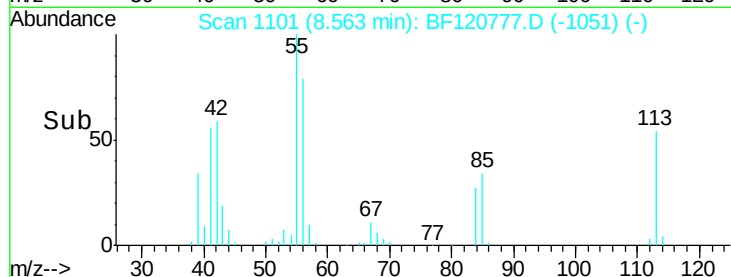
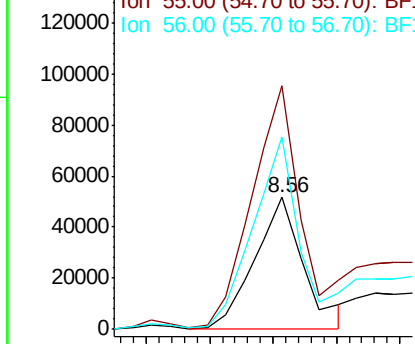
#35
Caprolactam
Concen: 24.359 ng
RT: 8.56 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BF120777.D
Acq: 7 Jul 2020 10:16

Instrument :
BNA_F
ClientSampleId :
PB129924BS

Tot Ion:113 Resp: 54374
Ion Ratio Lower Upper
113 100
55 184.6 168.3 208.3
56 146.2 118.8 158.8

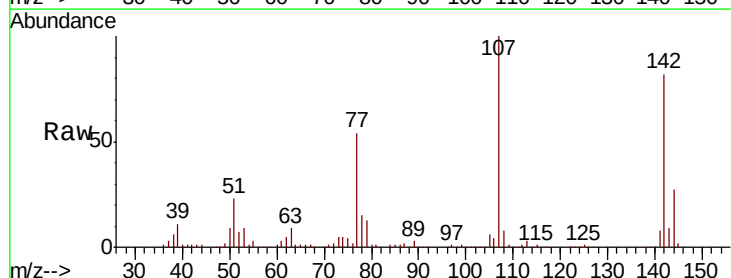


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

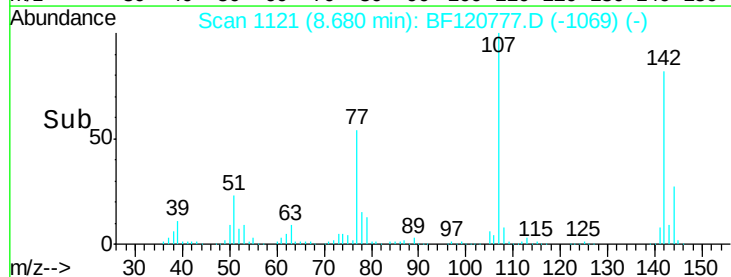
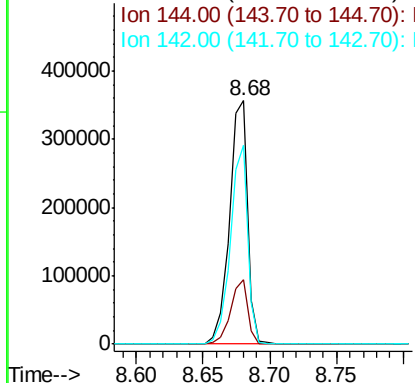


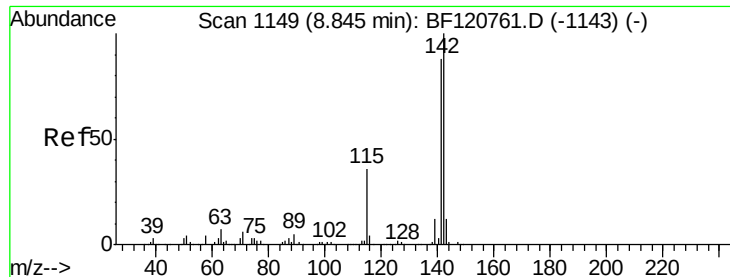
#36
4-Chloro-3-methylphenol
Concen: 43.220 ng
RT: 8.68 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BF120777.D
Acq: 7 Jul 2020 10:16

Tgt Ion:107 Resp: 344406
Ion Ratio Lower Upper
107 100
144 26.5 19.7 29.5
142 81.7 61.2 91.8



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

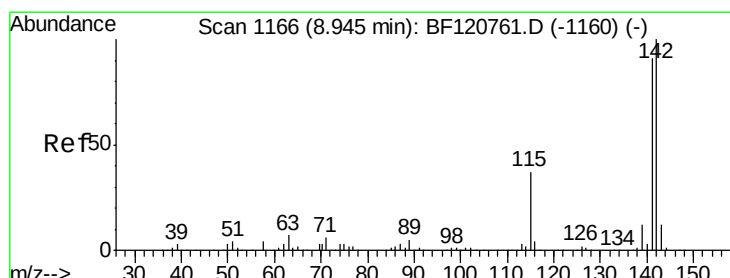
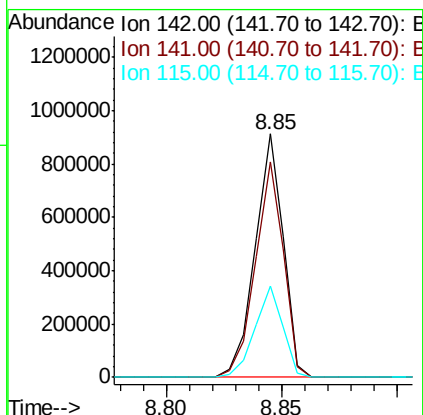
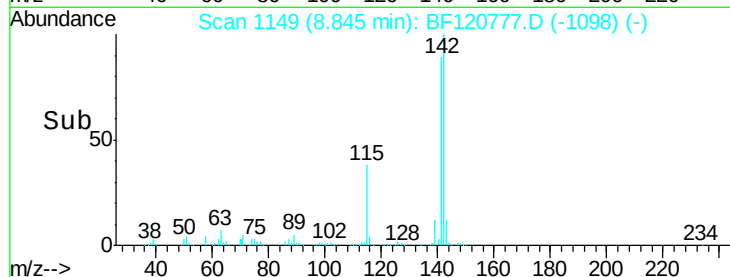
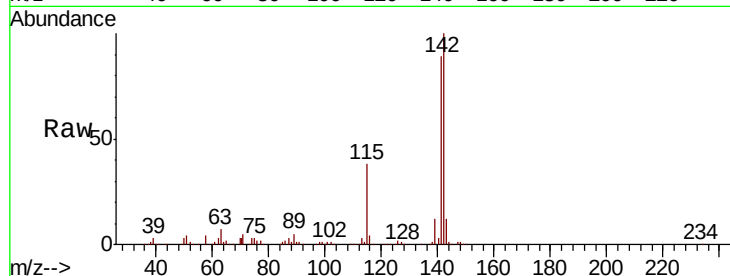




#37
2-Methylnaphthalene
Concen: 43.231 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF120777.D
Acq: 7 Jul 2020 10:16

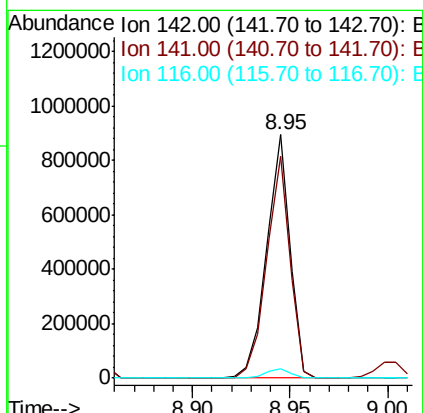
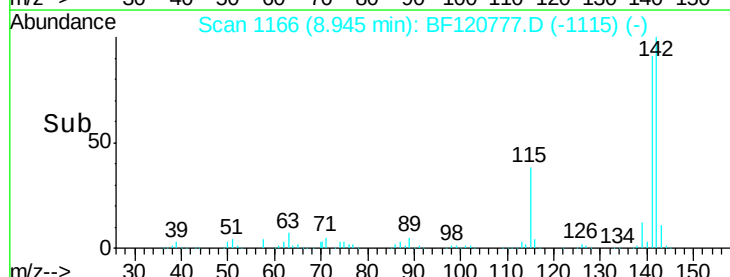
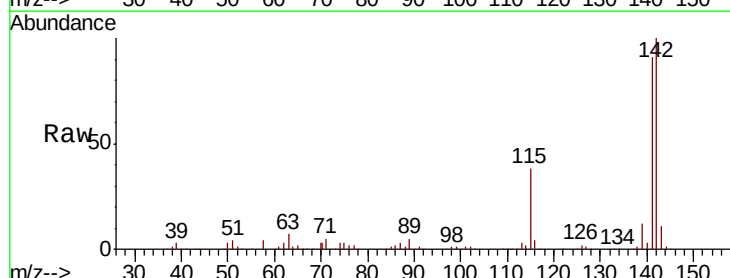
Instrument :
BNA_F
ClientSampleId :
PB129924BS

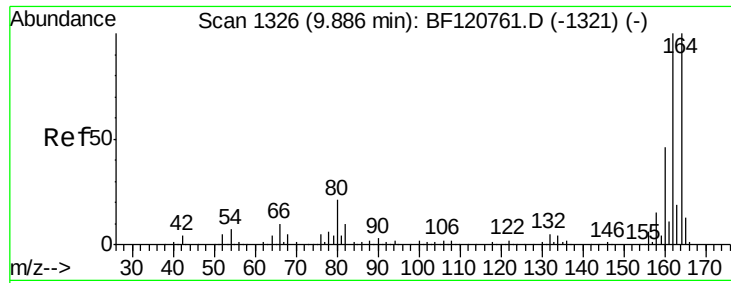
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.2	105.4
115	37.6	29.0	43.4



#38
1-Methylnaphthalene
Concen: 43.947 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF120777.D
Acq: 7 Jul 2020 10:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.5	108.7
116	4.0	3.1	4.7

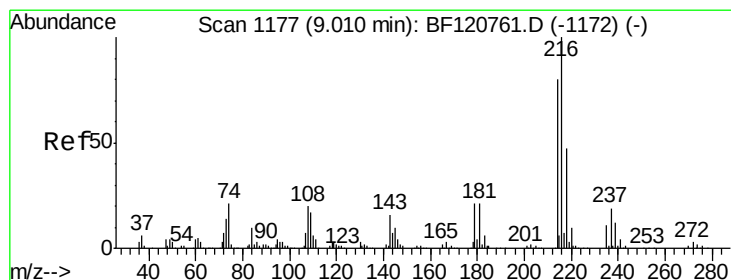
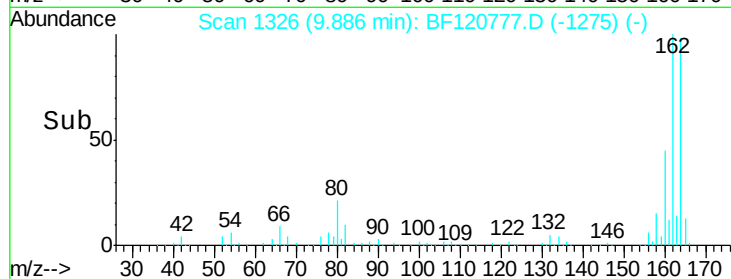
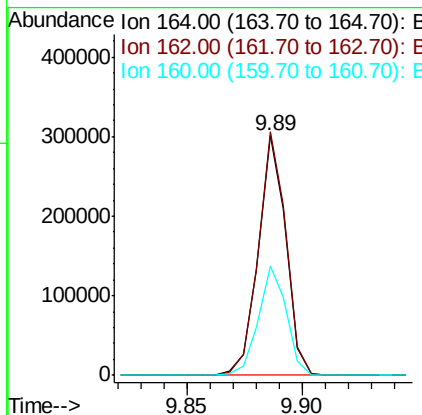
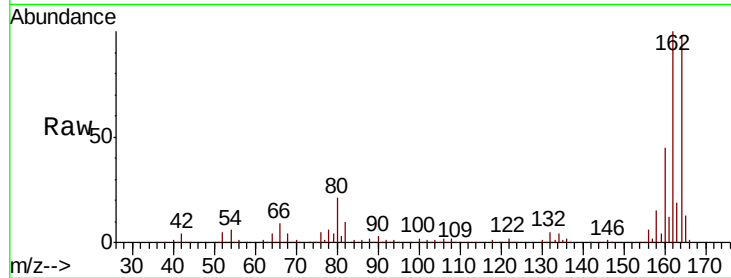




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF120777.D
 Acq: 7 Jul 2020 10:16

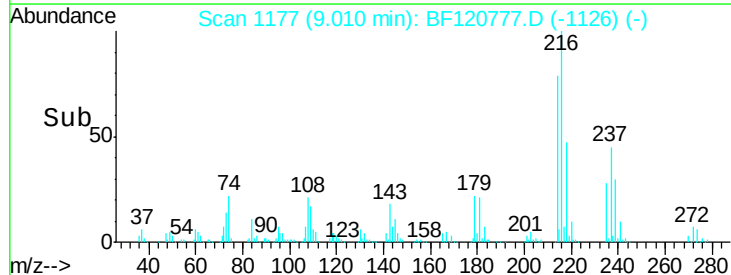
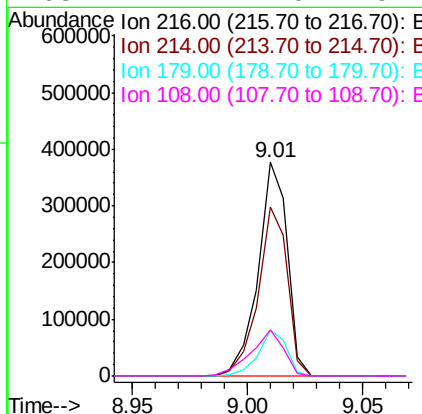
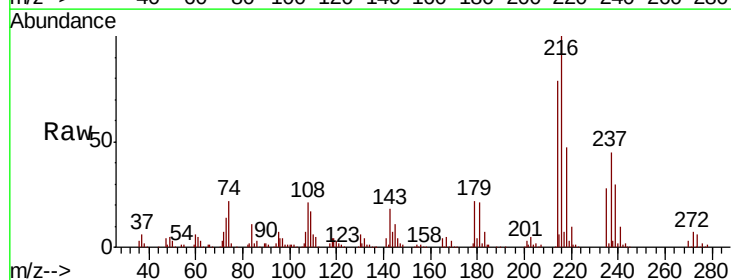
Instrument :
 BNA_F
 ClientSampleId :
 PB129924BS

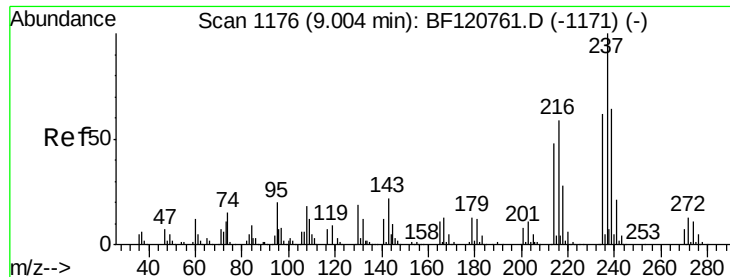
Tot Ion:164 Resp: 251063
 Ion Ratio Lower Upper
 164 100
 162 101.8 80.2 120.2
 160 45.9 36.9 55.3



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.815 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF120777.D
 Acq: 7 Jul 2020 10:16

Tgt Ion:216 Resp: 332454
 Ion Ratio Lower Upper
 216 100
 214 79.1 63.7 95.5
 179 21.1 16.7 25.1
 108 24.1 17.0 25.4





#41

Hexachlorocyclopentadiene

Concen: 94.681 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

Instrument :

BNA_F

ClientSampleId :

PB129924BS

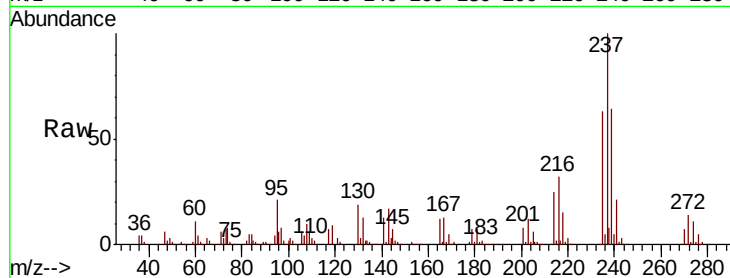
Tot Ion:237 Resp: 424465

Ion Ratio Lower Upper

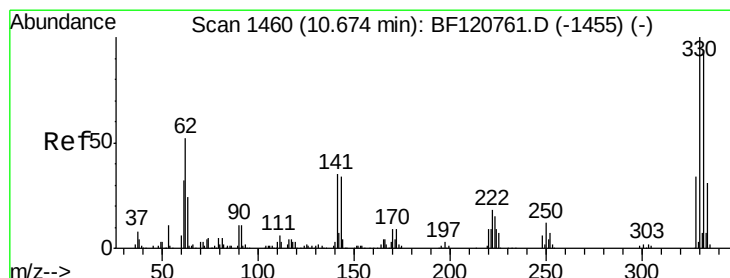
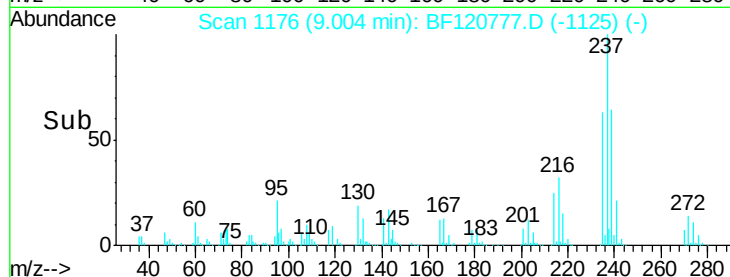
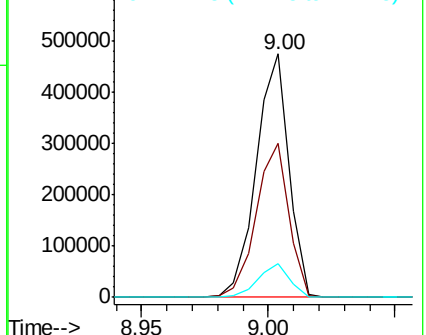
237 100

235 63.2 42.1 82.1

272 13.7 0.0 33.4



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: 134.316 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

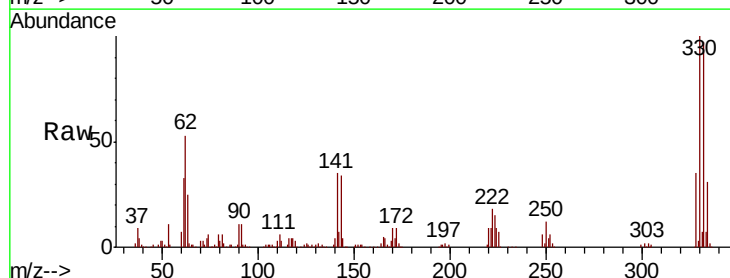
Tgt Ion:330 Resp: 338783

Ion Ratio Lower Upper

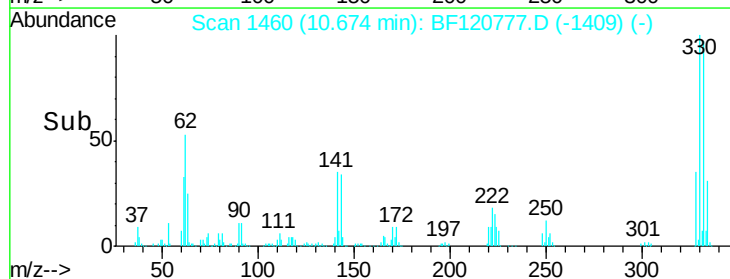
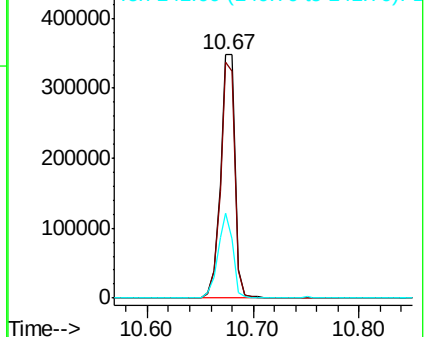
330 100

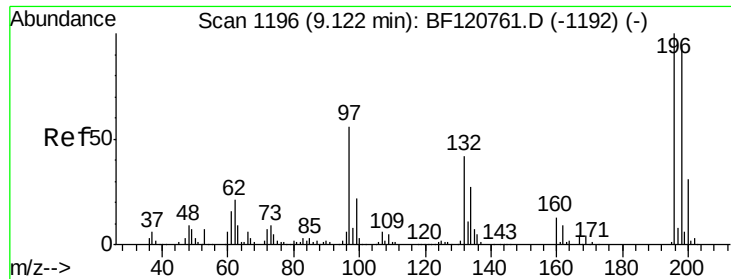
332 95.3 75.8 113.6

141 35.9 29.7 44.5



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

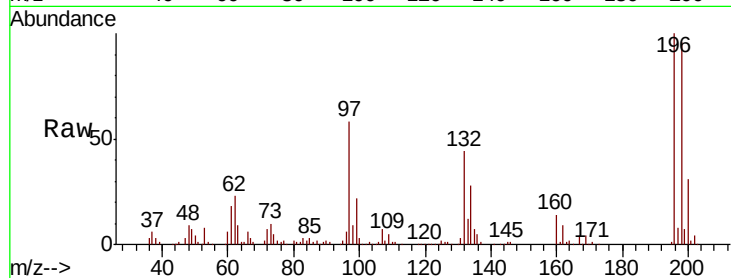




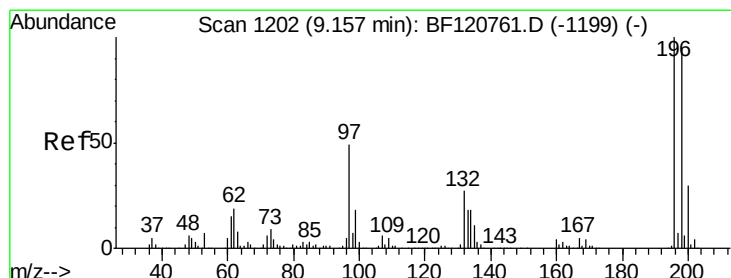
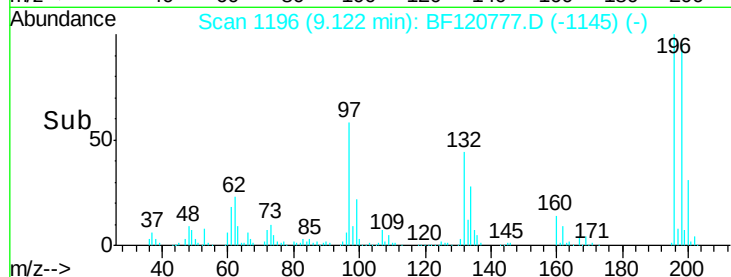
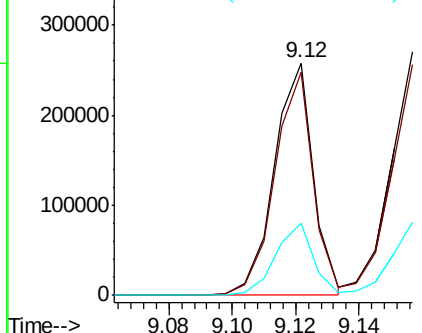
#43
 2,4,6-Trichlorophenol
 Concen: 42.727 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF120777.D
 Acq: 7 Jul 2020 10:16

Instrument :
 BNA_F
 ClientSampleId :
 PB129924BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	75.3	112.9
200	31.0	24.4	36.6



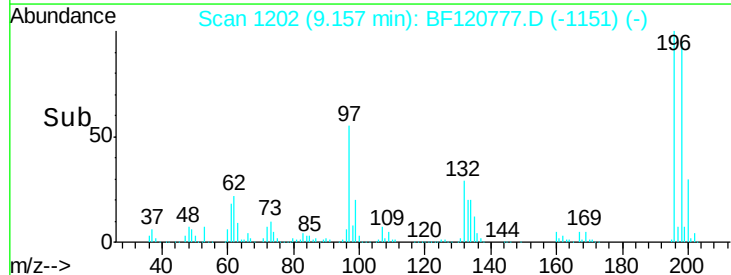
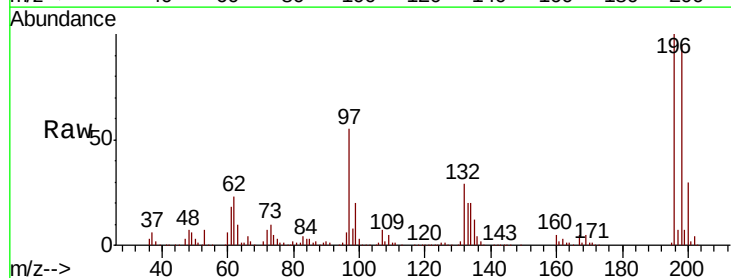
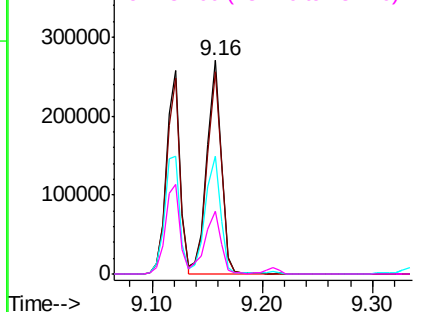
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

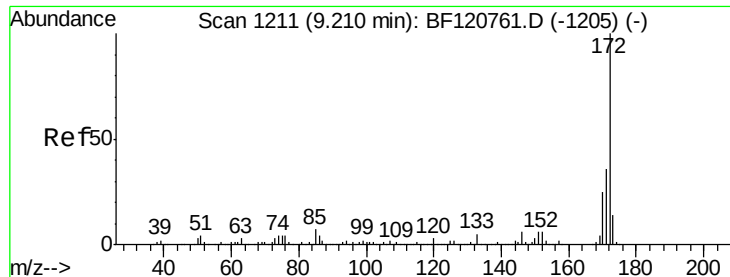


#44
 2,4,5-Trichlorophenol
 Concen: 41.532 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF120777.D
 Acq: 7 Jul 2020 10:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.7	76.2	114.2
97	55.0	39.6	59.4
132	29.1	22.0	33.0

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 88.699 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

Instrument :

BNA_F

ClientSampleId :

PB129924BS

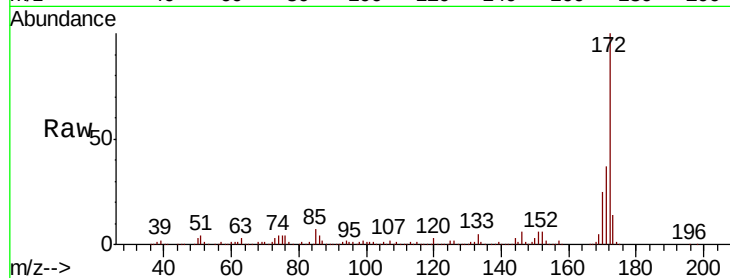
Tot Ion:172 Resp: 1471893

Ion Ratio Lower Upper

172 100

171 36.6 29.1 43.7

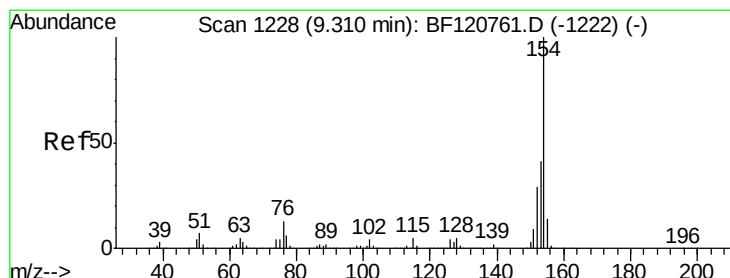
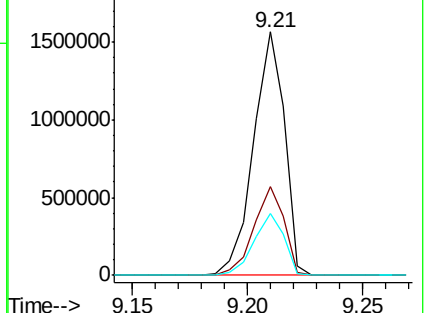
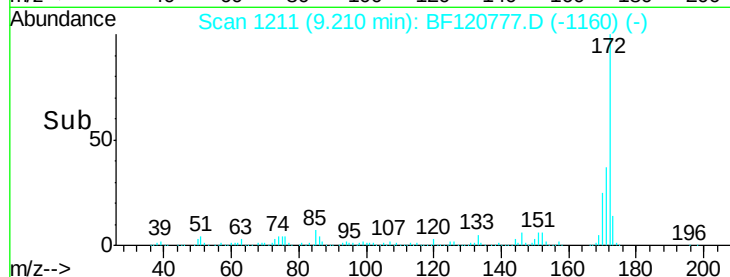
170 25.4 19.8 29.6



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: 45.089 ng

RT: 9.31 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

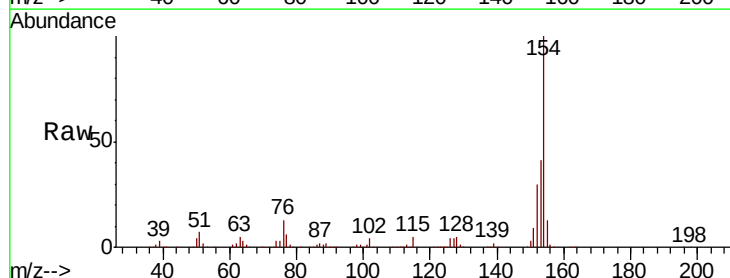
Tgt Ion:154 Resp: 913122

Ion Ratio Lower Upper

154 100

153 41.0 20.7 60.7

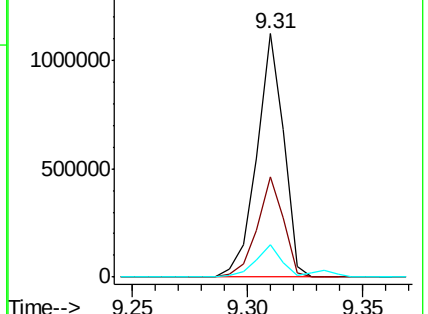
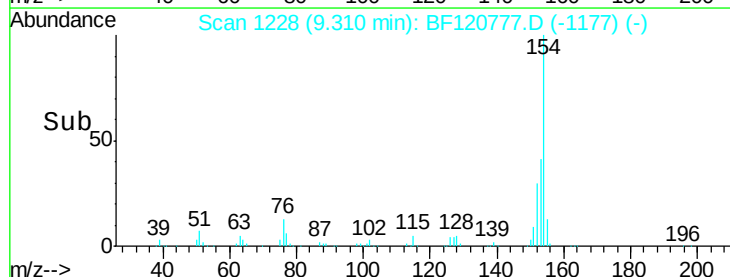
76 13.2 0.0 33.3

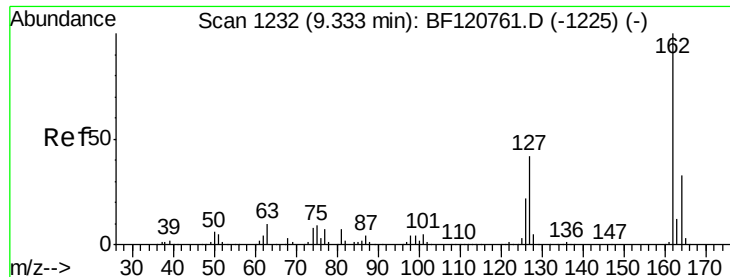


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

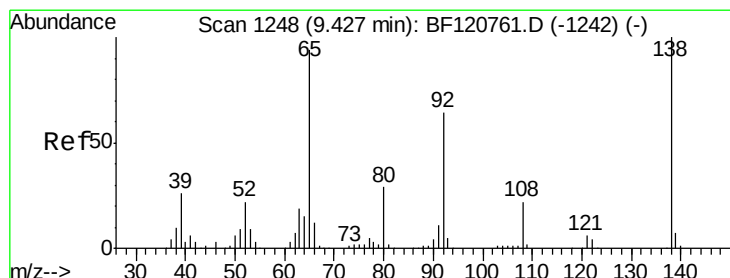
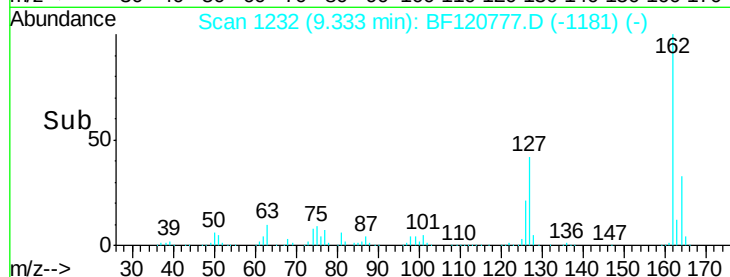
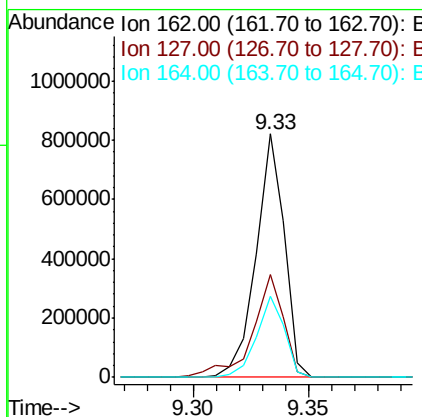
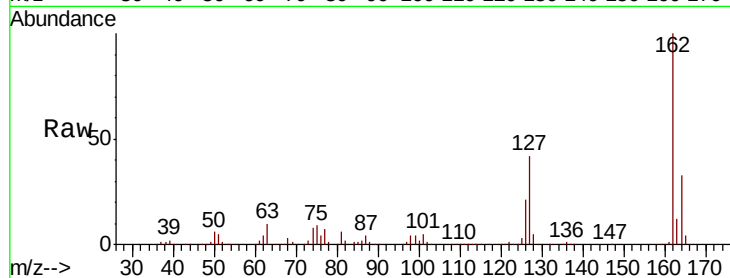




#47
 2-Chloronaphthalene
 Concen: 43.190 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF120777.D
 Acq: 7 Jul 2020 10:16

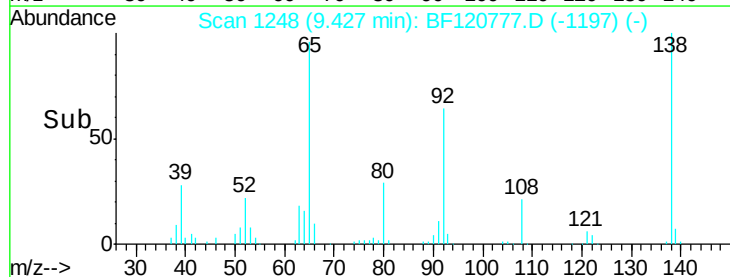
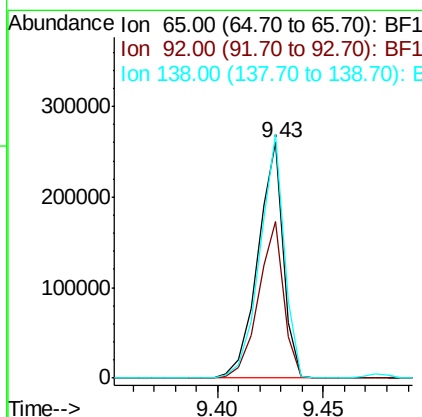
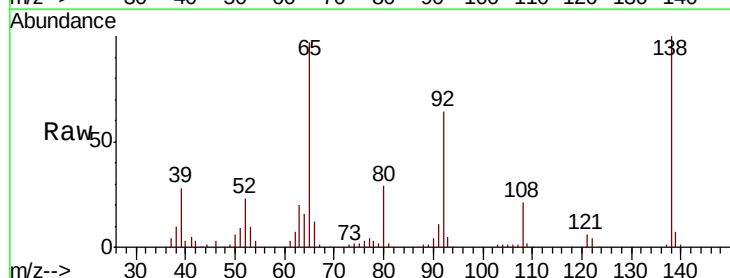
Instrument :
 BNA_F
 ClientSampleId :
 PB129924BS

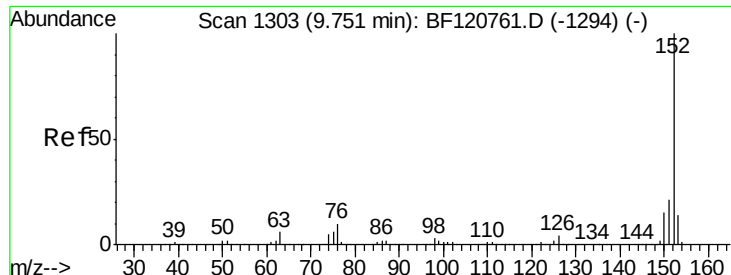
Tot Ion:162 Resp: 700725
 Ion Ratio Lower Upper
 162 100
 127 42.2 33.7 50.5
 164 33.4 26.4 39.6



#48
 2-Nitroaniline
 Concen: 44.942 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF120777.D
 Acq: 7 Jul 2020 10:16

Tgt Ion: 65 Resp: 217467
 Ion Ratio Lower Upper
 65 100
 92 66.5 54.4 81.6
 138 103.4 84.7 127.1





#49

Acenaphthylene

Concen: 42.887 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

Instrument :

BNA_F

ClientSampleId :

PB129924BS

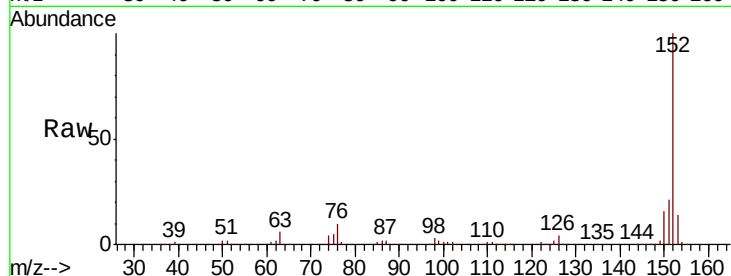
Tot Ion:152 Resp: 1090882

Ion Ratio Lower Upper

152 100

151 21.3 16.9 25.3

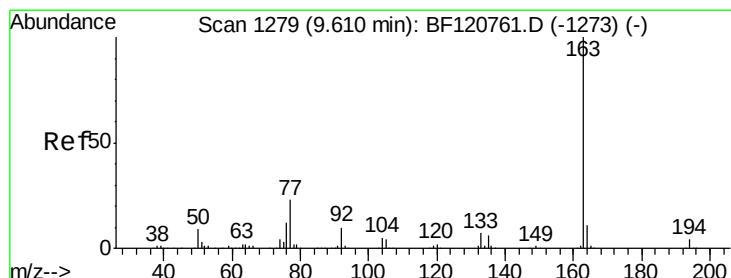
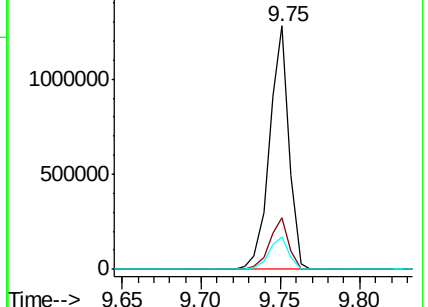
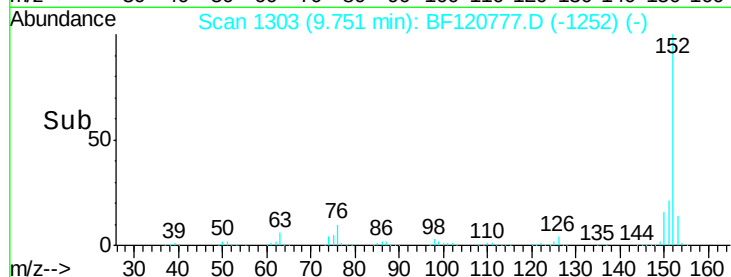
153 13.5 10.8 16.2



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: 42.931 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

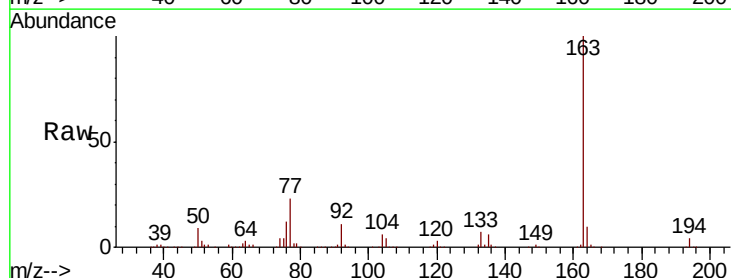
Tgt Ion:163 Resp: 786255

Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

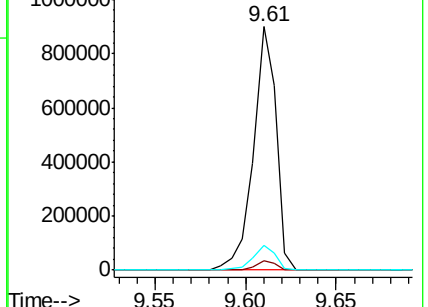
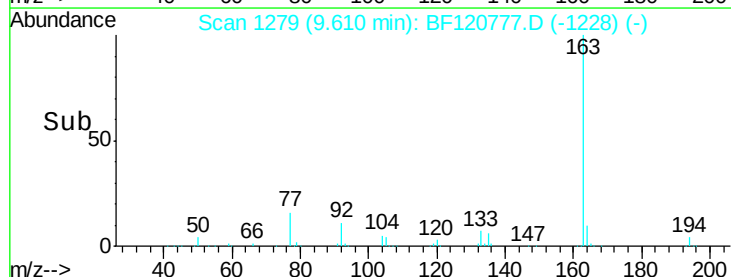
164 10.3 8.5 12.7

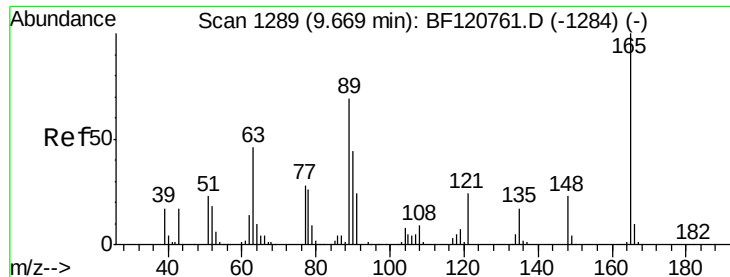


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

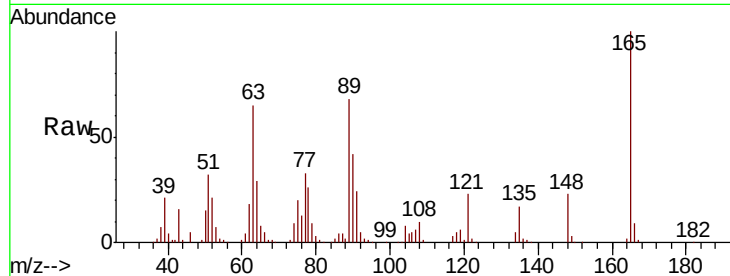




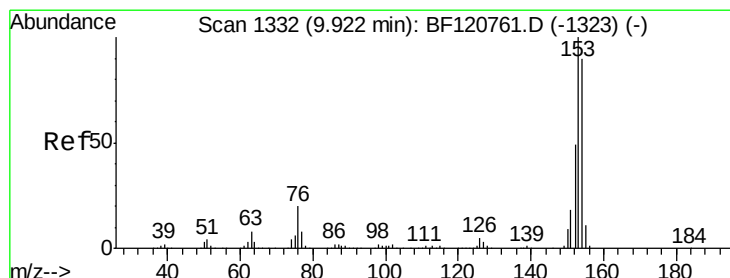
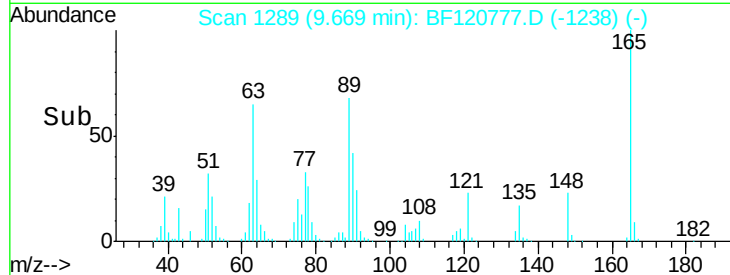
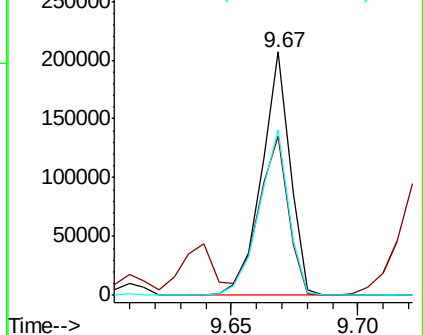
#51
 2,6-Dinitrotoluene
 Concen: 44.915 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: BF120777.D
 Acq: 7 Jul 2020 10:16

Instrument :
 BNA_F
 ClientSampleId :
 PB129924BS

Tot Ion:165 Resp: 162923
 Ion Ratio Lower Upper
 165 100
 63 65.4 54.0 81.0
 89 68.1 55.4 83.2

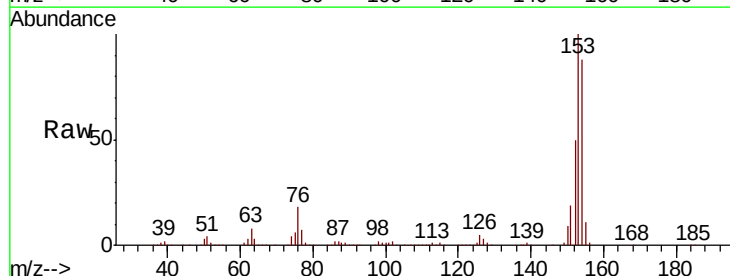


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

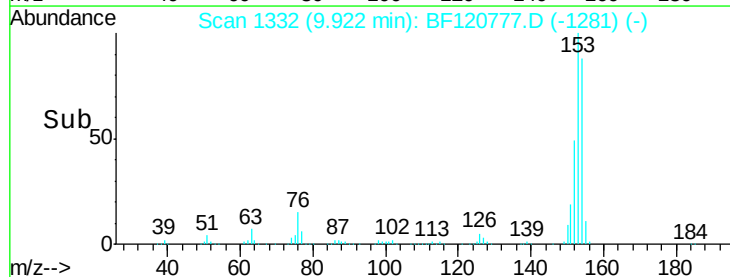
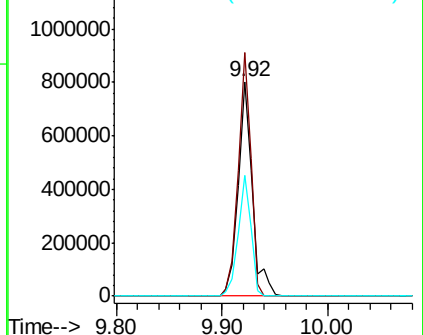


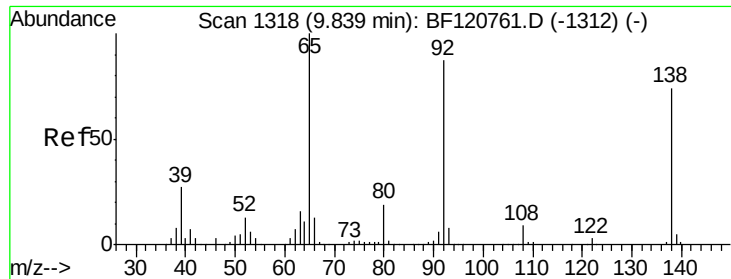
#52
 Acenaphthene
 Concen: 46.504 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF120777.D
 Acq: 7 Jul 2020 10:16

Tgt Ion:154 Resp: 733828
 Ion Ratio Lower Upper
 154 100
 153 113.6 88.6 132.8
 152 56.4 43.6 65.4



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

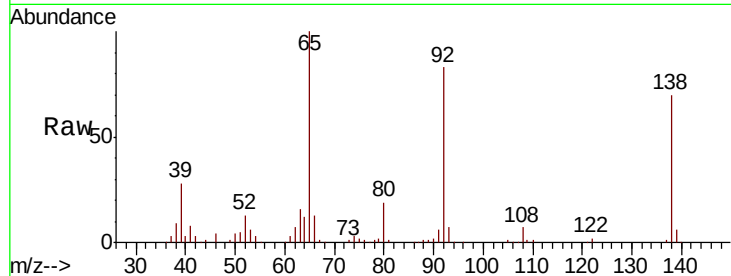




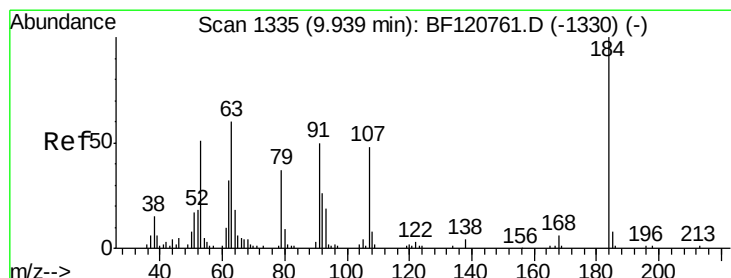
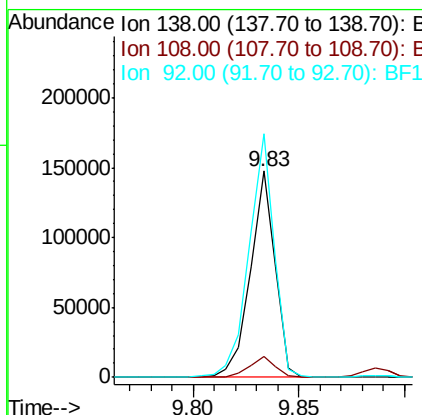
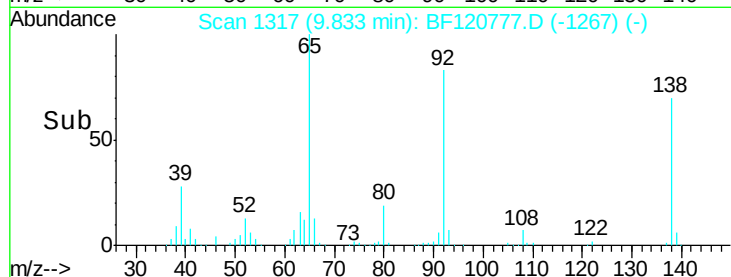
#53
 3-Nitroaniline
 Concen: 28.003 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF120777.D
 Acq: 7 Jul 2020 10:16

Instrument :
 BNA_F
 ClientSampleId :
 PB129924BS

Tot Ion:138 Resp: 120799
 Ion Ratio Lower Upper
 138 100
 108 10.0 9.8 14.6
 92 118.0 93.4 140.2

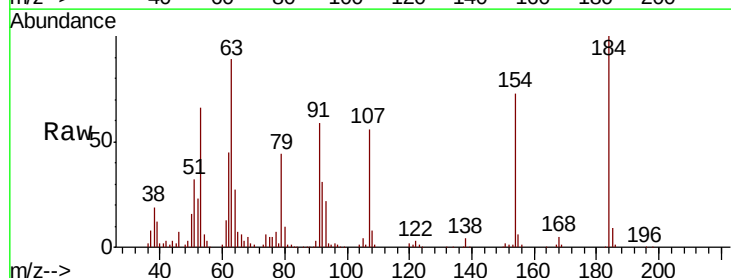


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

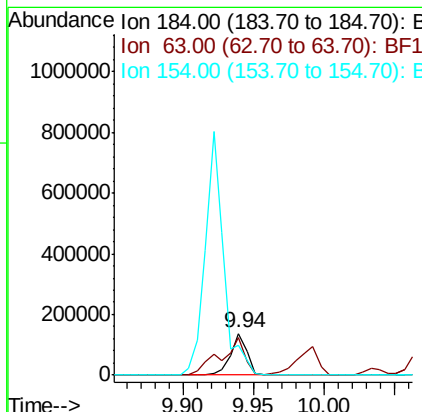
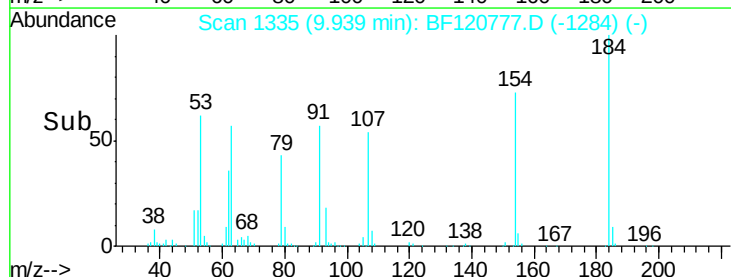


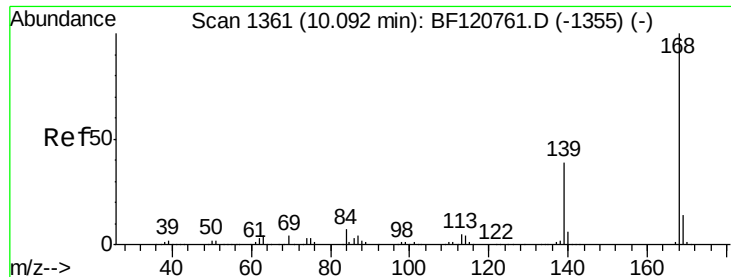
#54
 2,4-Dinitrophenol
 Concen: 78.239 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: BF120777.D
 Acq: 7 Jul 2020 10:16

Tgt Ion:184 Resp: 111695
 Ion Ratio Lower Upper
 184 100
 63 89.3 57.3 85.9#
 154 73.2 55.8 83.6



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

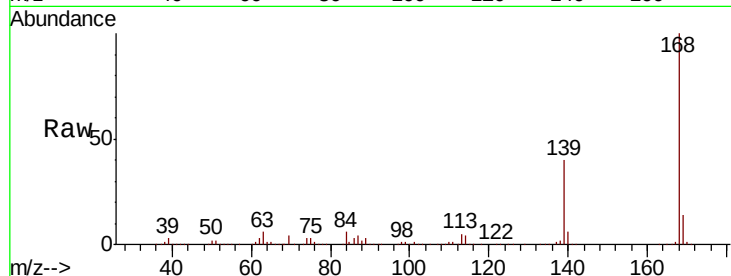




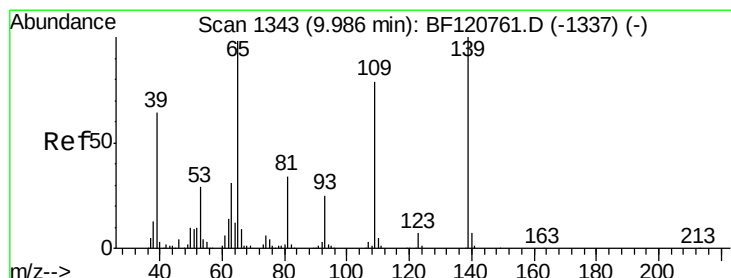
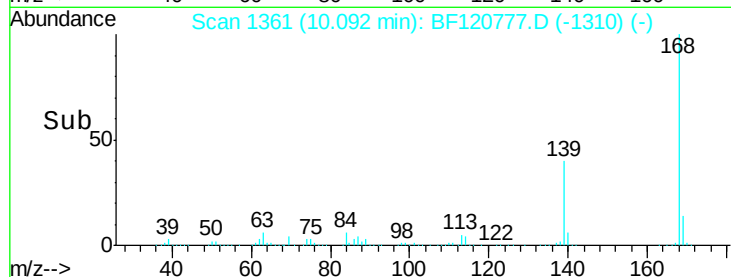
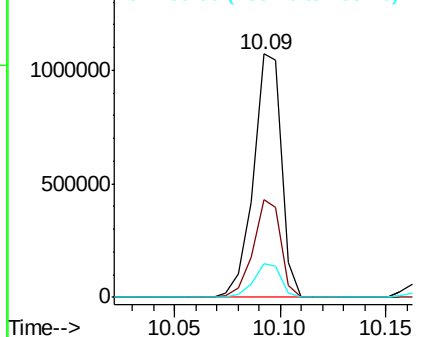
#55
Dibenzenofuran
Concen: 43.773 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF120777.D
Acq: 7 Jul 2020 10:16

Instrument :
BNA_F
ClientSampleId :
PB129924BS

Tot Ion:168 Resp: 995659
Ion Ratio Lower Upper
168 100
139 40.3 31.3 46.9
169 13.8 11.2 16.8

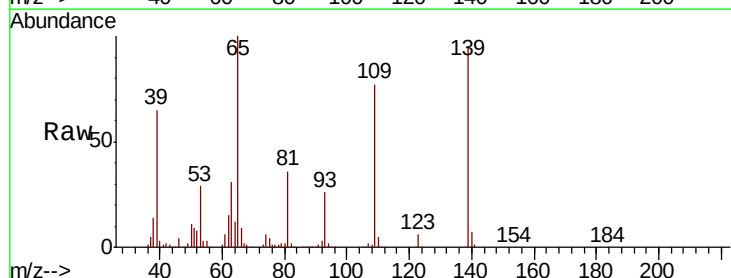


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

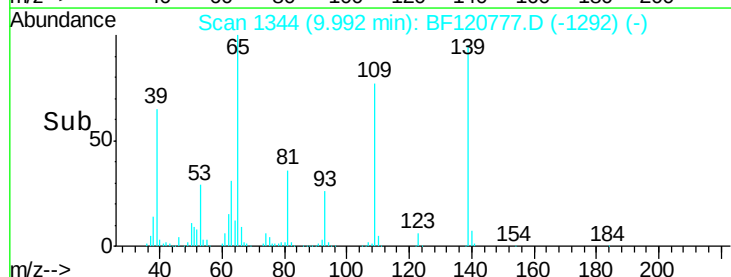
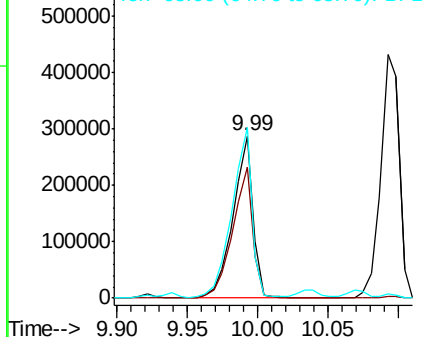


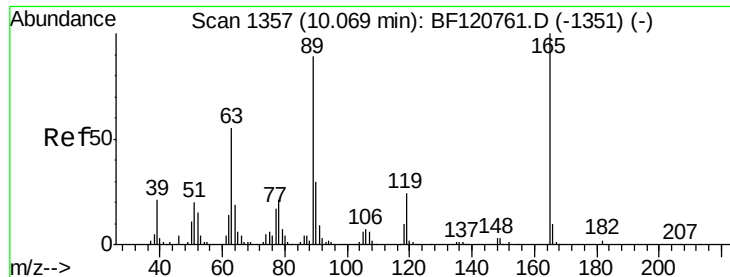
#56
4-Nitrophenol
Concen: 84.019 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF120777.D
Acq: 7 Jul 2020 10:16

Tgt Ion:139 Resp: 282560
Ion Ratio Lower Upper
139 100
109 81.1 58.6 98.6
65 105.4 78.7 118.7



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: 46.642 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

Instrument :

BNA_F

ClientSampleId :

PB129924BS

Tot Ion:165 Resp: 211048

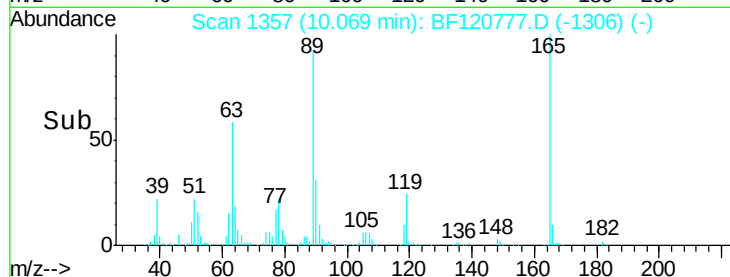
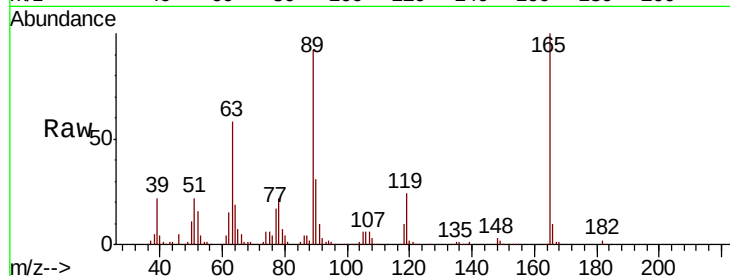
Ion Ratio Lower Upper

165 100

63 57.7 43.8 65.8

89 91.7 71.4 107.2

182 1.9 1.8 2.6

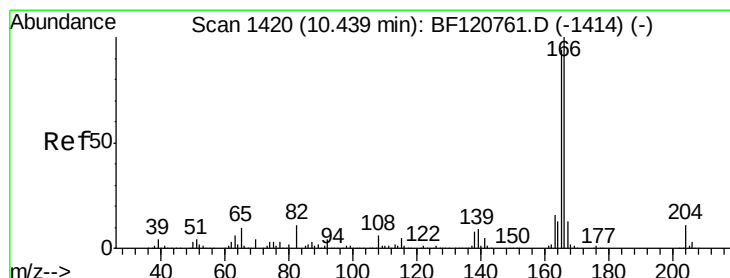
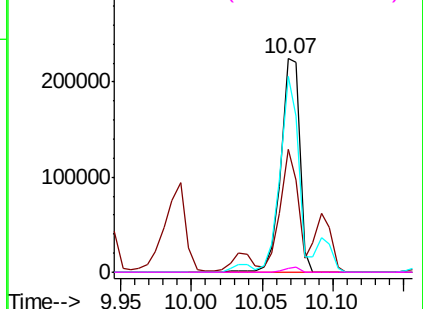


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 44.999 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

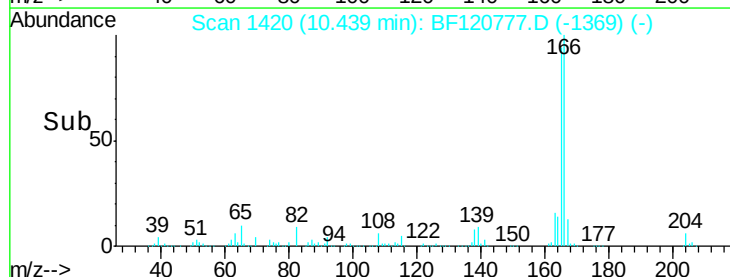
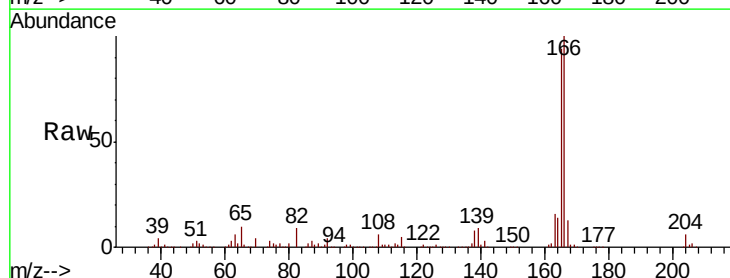
Tgt Ion:166 Resp: 761850

Ion Ratio Lower Upper

166 100

165 93.7 75.5 113.3

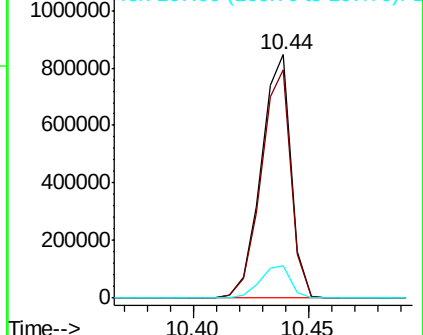
167 13.1 10.6 16.0

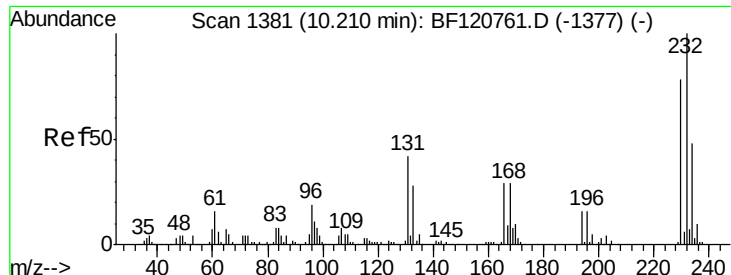


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

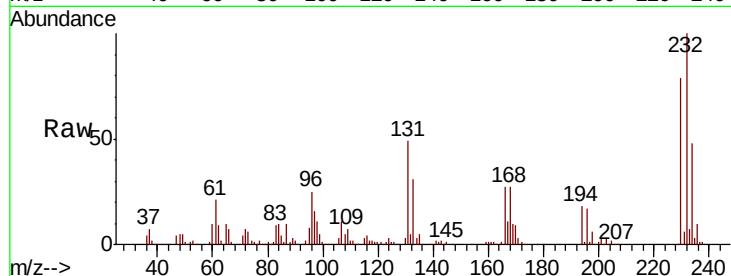




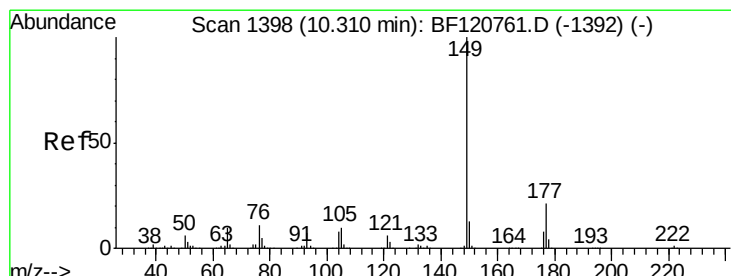
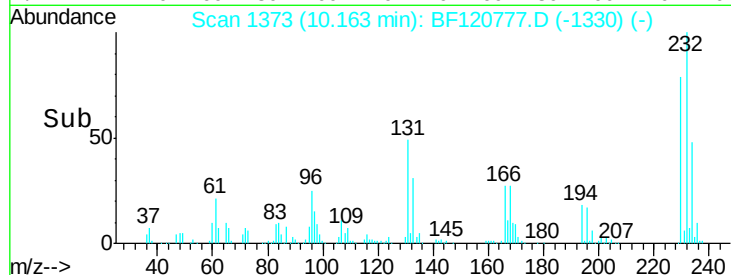
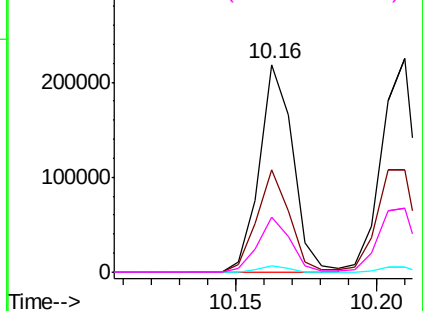
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.376 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.05 min
Lab File: BF120777.D
Acq: 7 Jul 2020 10:16

Instrument :
BNA_F
ClientSampleId :
PB129924BS

Tot Ion:232 Resp: 180944
Ion Ratio Lower Upper
232 100
131 48.4 36.3 54.5
130 2.9 2.0 3.0
166 26.2 20.9 31.3

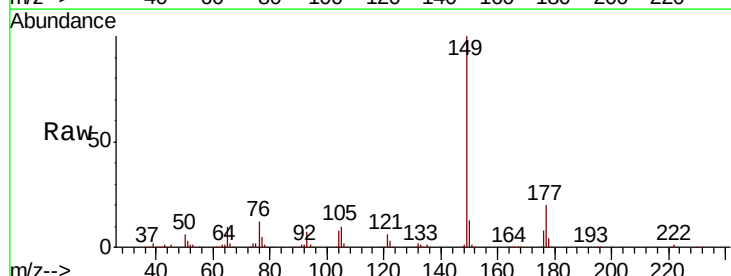


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

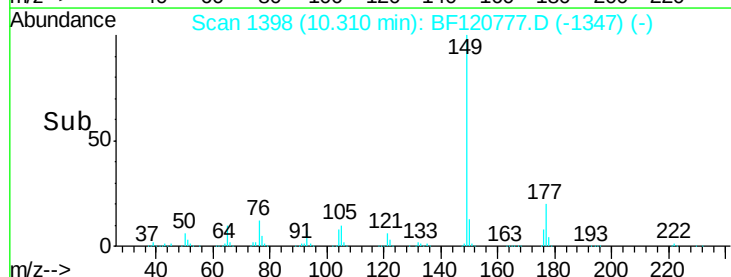
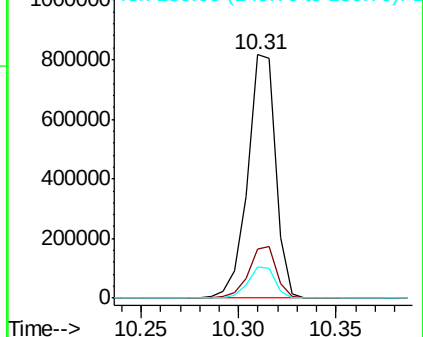


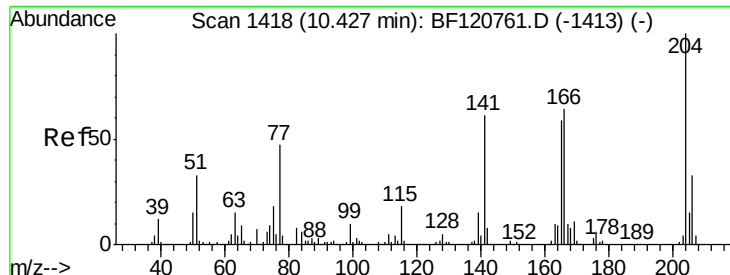
#60
Diethylphthalate
Concen: 42.592 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF120777.D
Acq: 7 Jul 2020 10:16

Tgt Ion:149 Resp: 812590
Ion Ratio Lower Upper
149 100
177 20.2 16.4 24.6
150 12.8 10.2 15.4



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

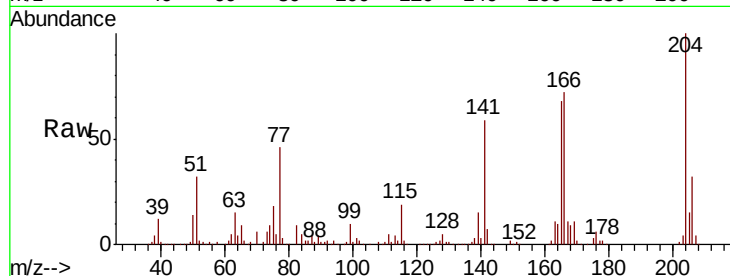




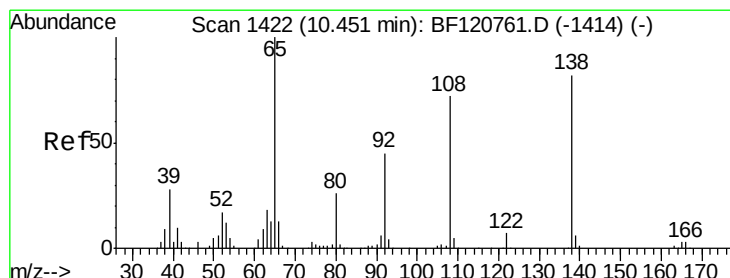
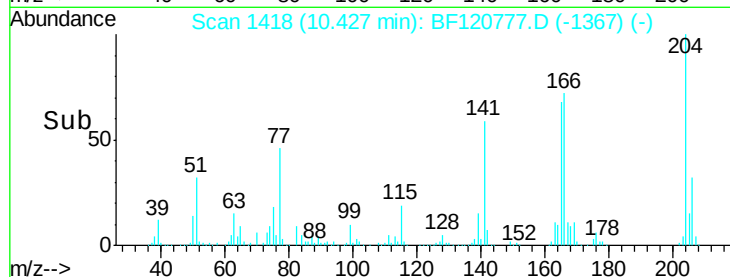
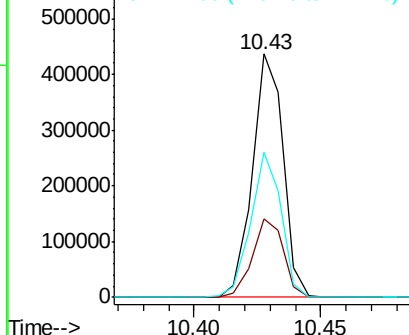
#61
4-Chlorophenyl-phenylether
Concen: 43.188 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF120777.D
Acq: 7 Jul 2020 10:16

Instrument :
BNA_F
ClientSampleId :
PB129924BS

Tot Ion:204 Resp: 367582
Ion Ratio Lower Upper
204 100
206 32.2 26.7 40.1
141 59.4 48.5 72.7

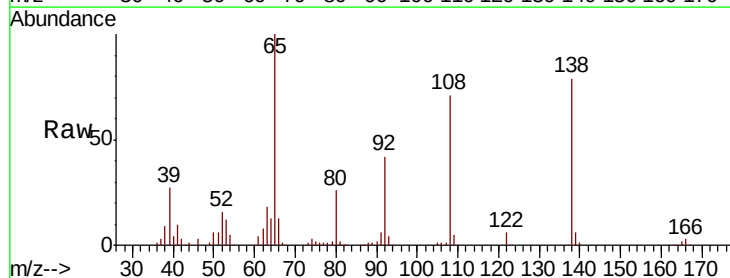


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

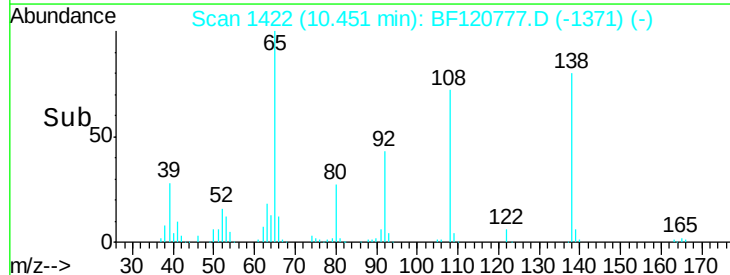
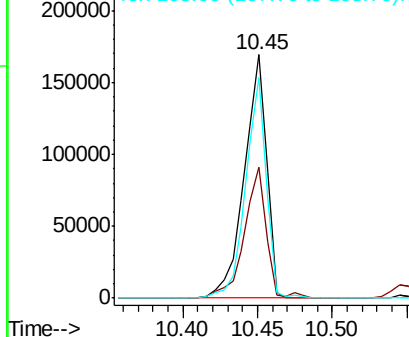


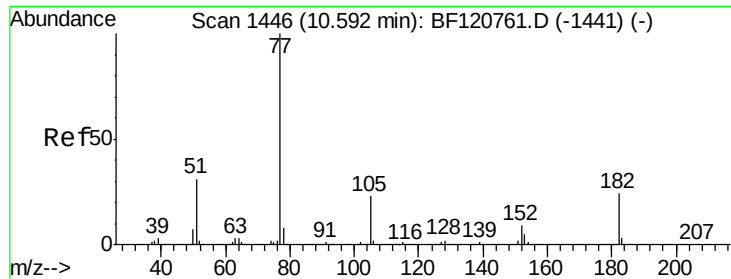
#62
4-Nitroaniline
Concen: 45.162 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF120777.D
Acq: 7 Jul 2020 10:16

Tgt Ion:138 Resp: 175738
Ion Ratio Lower Upper
138 100
92 53.6 34.3 74.3
108 90.6 68.3 108.3



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





#63

Azobenzene

Concen: 43.759 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

Instrument :

BNA_F

ClientSampleId :

PB129924BS

Tot Ion: 77 Resp: 854007

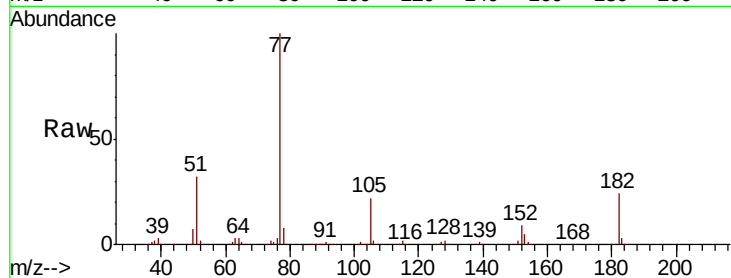
Ion Ratio Lower Upper

77 100

182 24.5 4.0 44.0

105 21.8 2.6 42.6

51 32.3 11.5 51.5

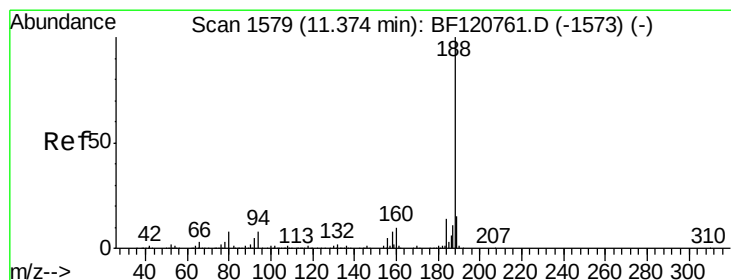
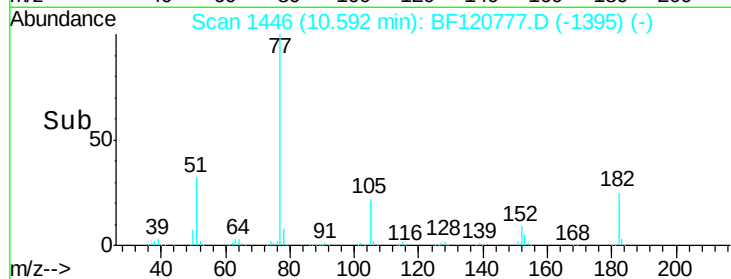
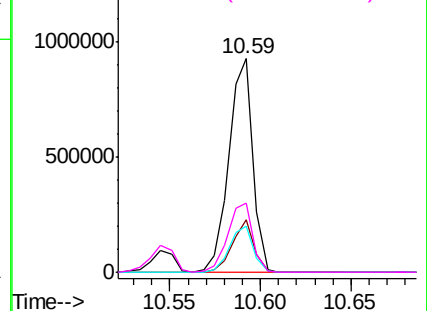


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

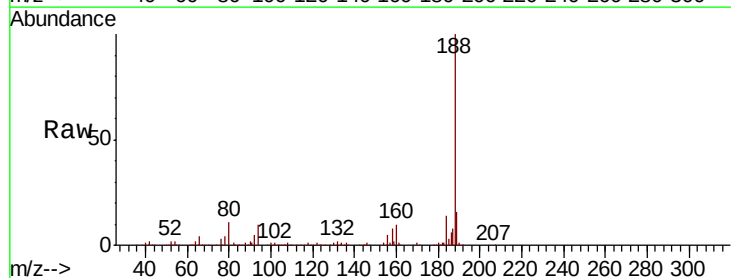
Tgt Ion: 188 Resp: 436131

Ion Ratio Lower Upper

188 100

94 10.5 6.6 9.8#

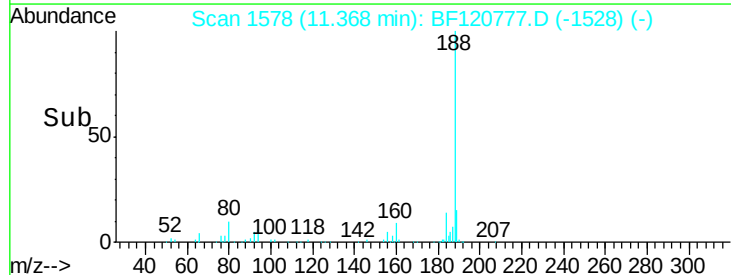
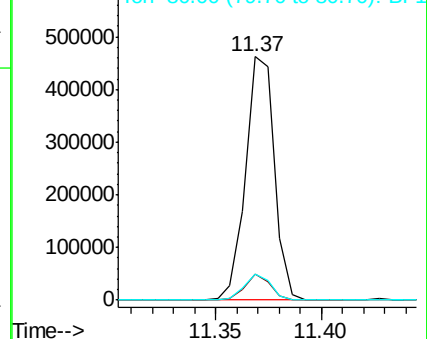
80 10.9 6.6 10.0#

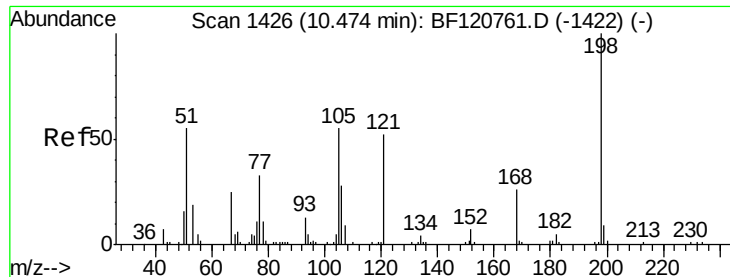


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

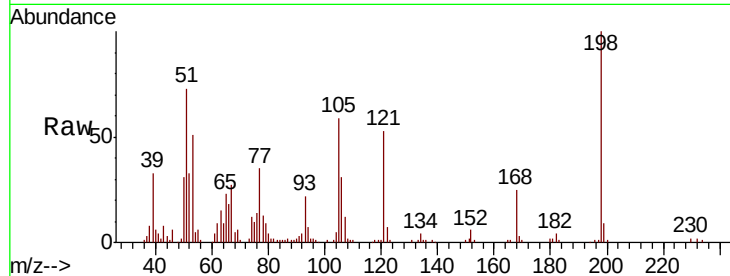




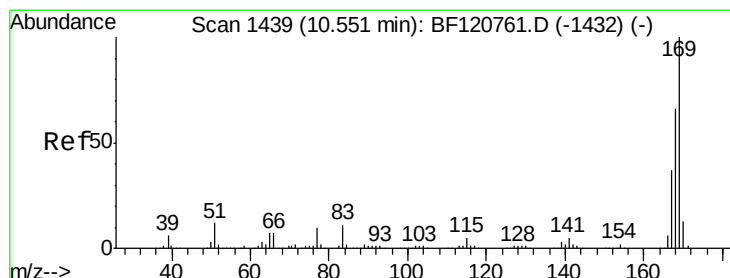
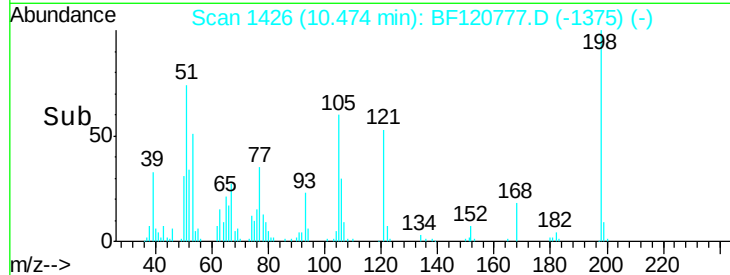
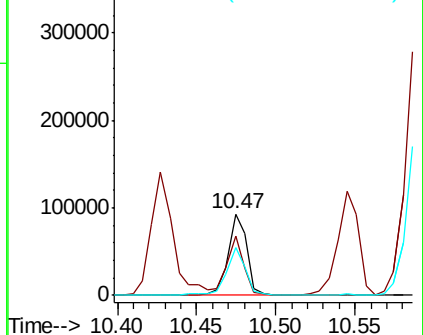
#65
4,6-Dinitro-2-methylphenol
Concen: 42.451 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF120777.D
Acq: 7 Jul 2020 10:16

Instrument :
BNA_F
ClientSampleId :
PB129924BS

Tot Ion:198 Resp: 76115
Ion Ratio Lower Upper
198 100
51 73.3 50.0 90.0
105 59.2 38.3 78.3

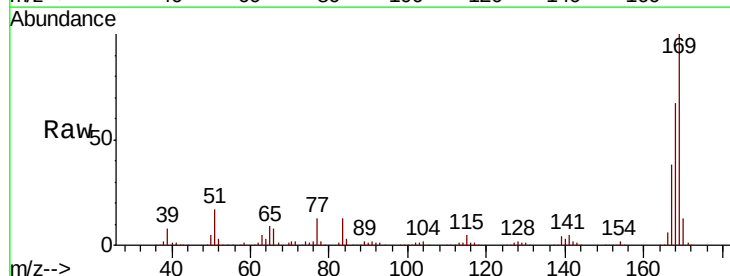


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

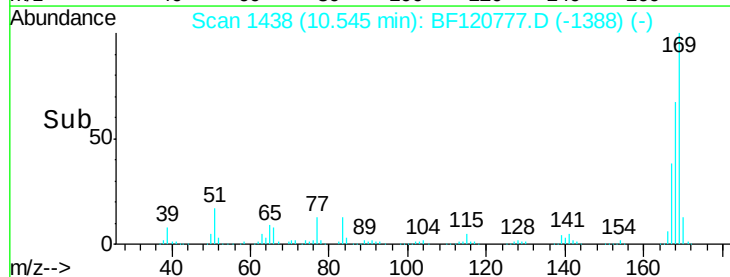
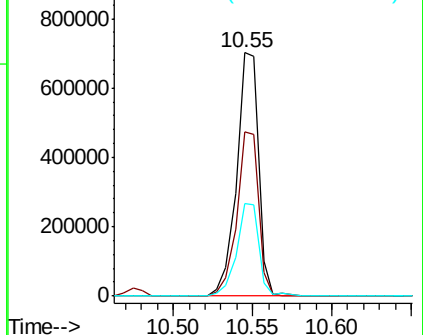


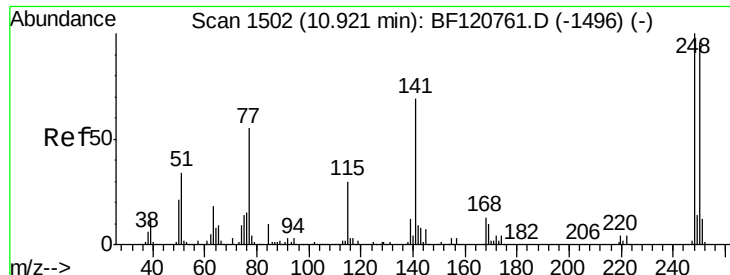
#66
n-Nitrosodiphenylamine
Concen: 45.813 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF120777.D
Acq: 7 Jul 2020 10:16

Tgt Ion:169 Resp: 669694
Ion Ratio Lower Upper
169 100
168 67.4 53.1 79.7
167 37.9 29.6 44.4



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

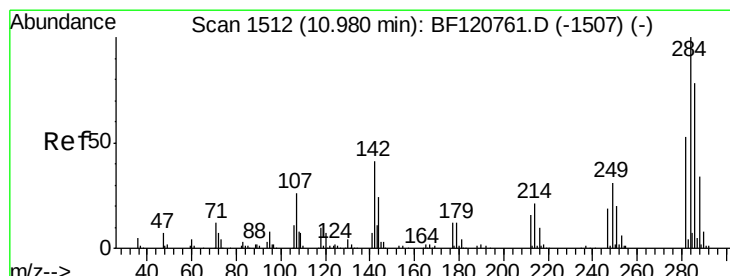
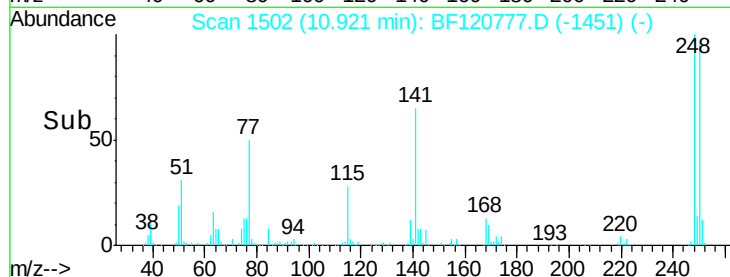
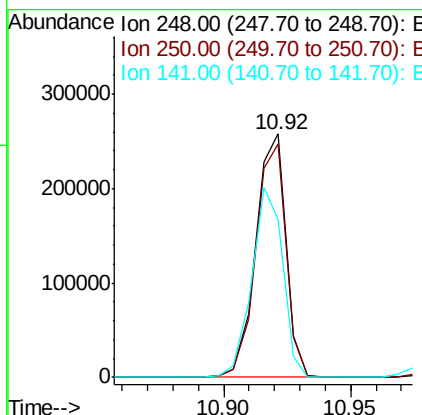
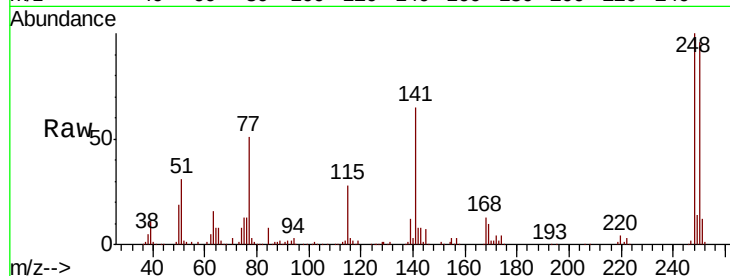




#67
 4-Bromophenyl-phenylether
 Concen: 42.418 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: BF120777.D
 Acq: 7 Jul 2020 10:16

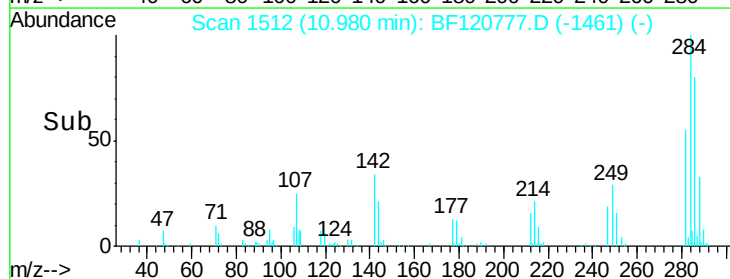
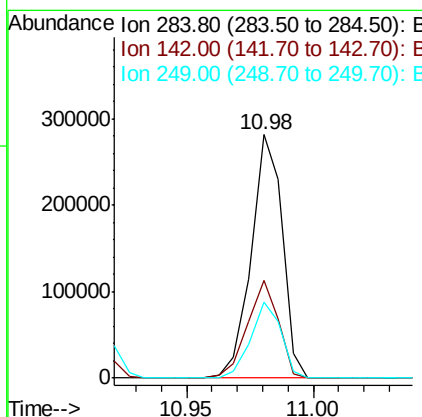
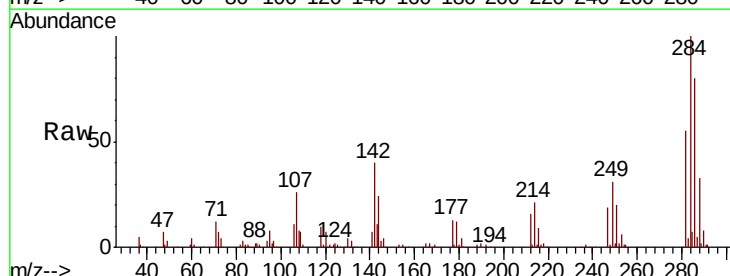
Instrument :
 BNA_F
 ClientSampleId :
 PB129924BS

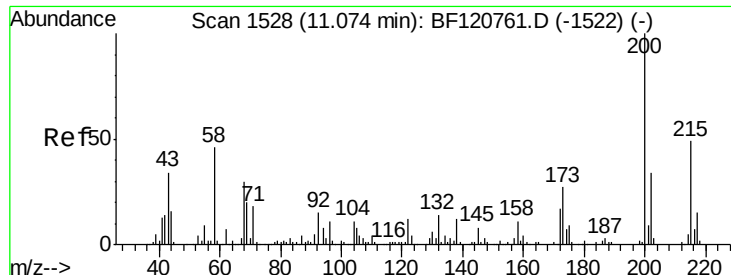
Tot Ion:	248	Resp:	214597
Ion	Ratio	Lower	Upper
248	100		
250	95.9	76.5	114.7
141	65.1	54.9	82.3



#68
 Hexachlorobenzene
 Concen: 45.363 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BF120777.D
 Acq: 7 Jul 2020 10:16

Tgt Ion:	284	Resp:	240826
Ion	Ratio	Lower	Upper
284	100		
142	40.2	32.5	48.7
249	31.0	24.8	37.2

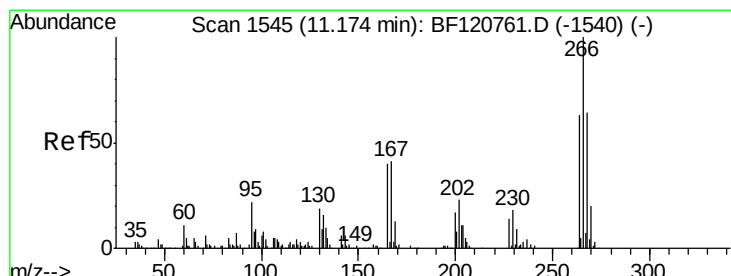
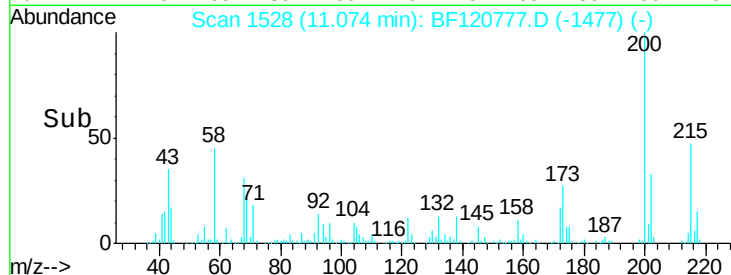
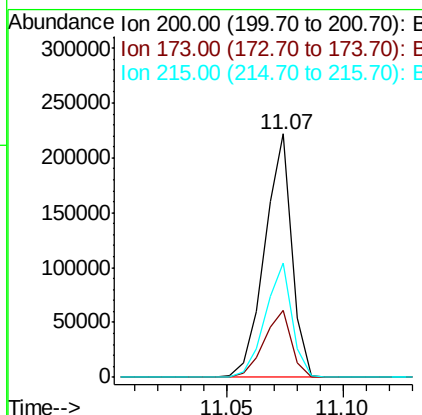
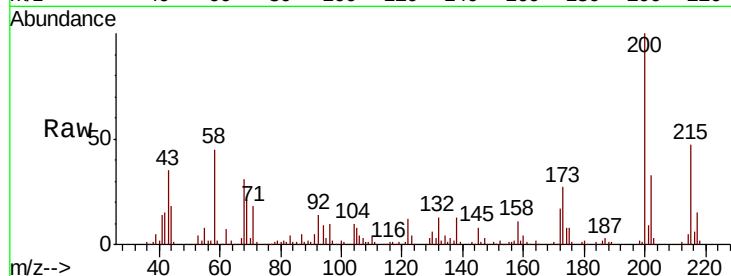




#69
 Atrazine
 Concen: 48.018 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.00 min
 Lab File: BF120777.D
 Acq: 7 Jul 2020 10:16

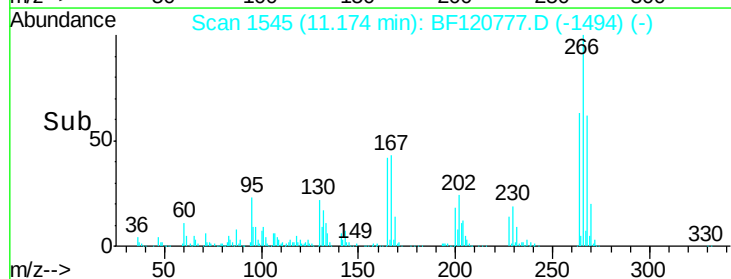
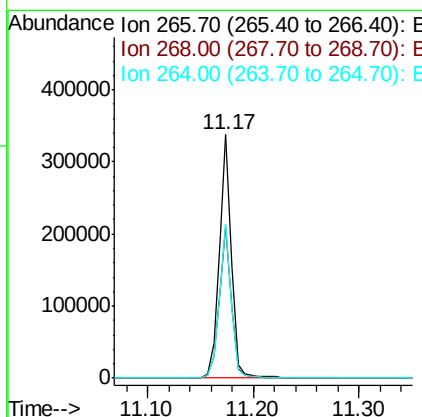
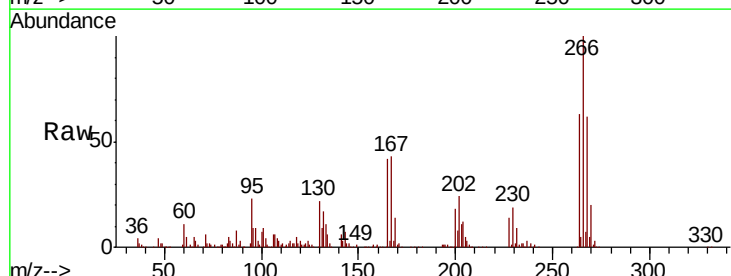
Instrument :
 BNA_F
 ClientSampleId :
 PB129924BS

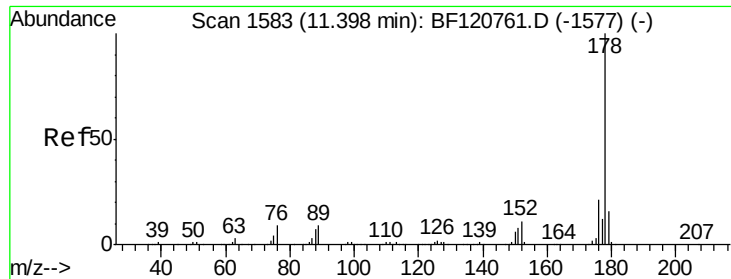
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	7.4	47.4
215	47.1	28.8	68.8



#70
 Pentachlorophenol
 Concen: 92.874 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. 0.00 min
 Lab File: BF120777.D
 Acq: 7 Jul 2020 10:16

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.0	51.4	77.2
264	63.2	50.6	75.8

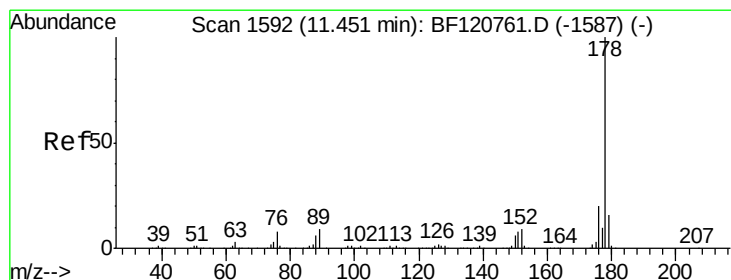
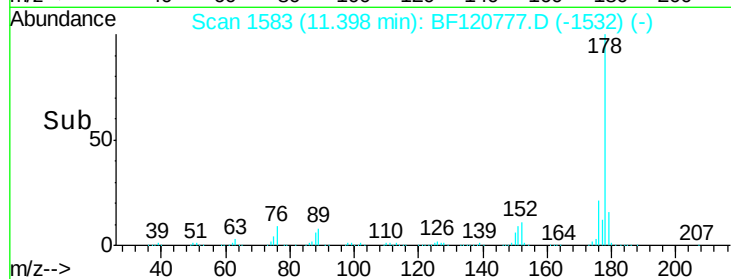
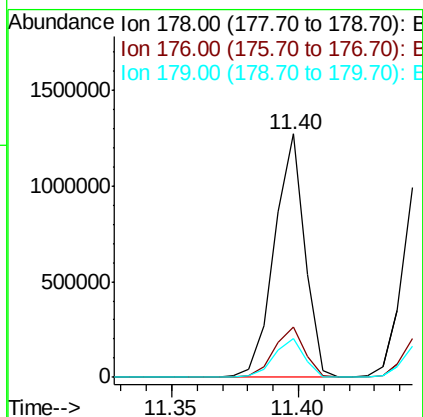
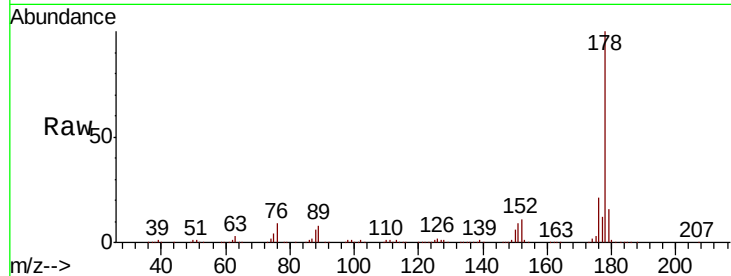




#71
 Phenanthrene
 Concen: 45.068 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF120777.D
 Acq: 7 Jul 2020 10:16

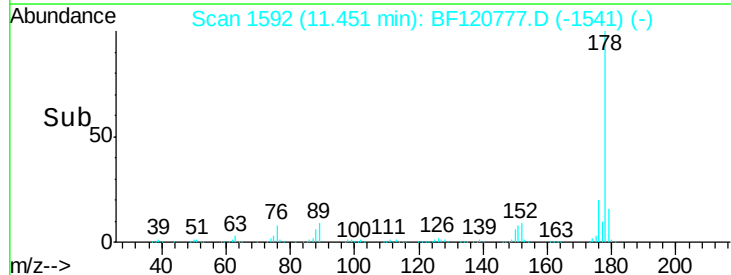
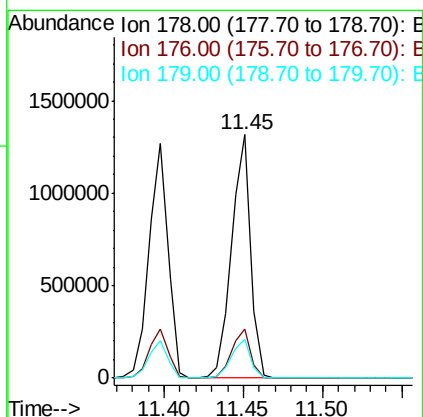
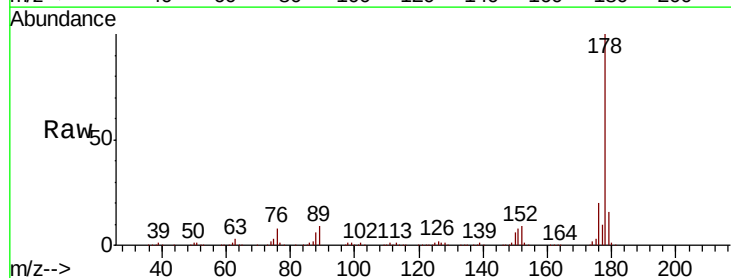
Instrument :
 BNA_F
 ClientSampleId :
 PB129924BS

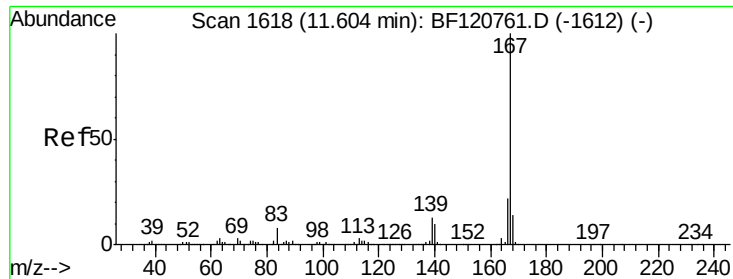
Tot Ion:178 Resp: 1066488
 Ion Ratio Lower Upper
 178 100
 176 20.8 16.4 24.6
 179 15.8 12.9 19.3



#72
 Anthracene
 Concen: 45.859 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF120777.D
 Acq: 7 Jul 2020 10:16

Tgt Ion:178 Resp: 1096604
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.2 24.2
 179 15.9 12.7 19.1

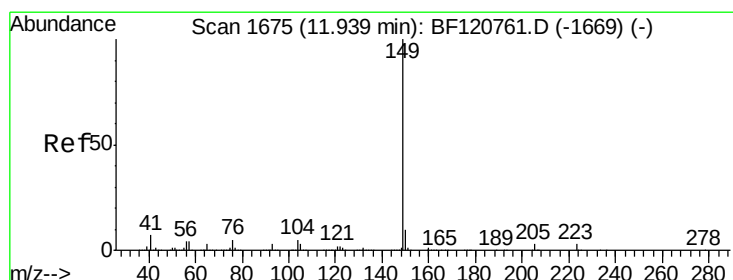
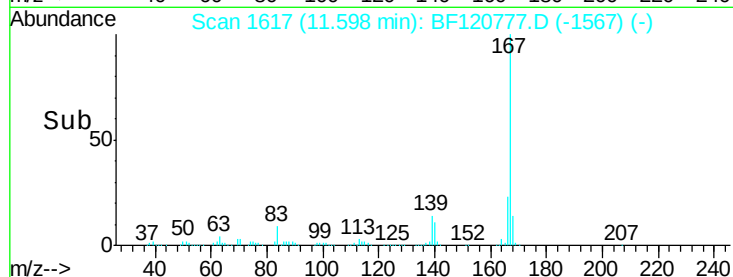
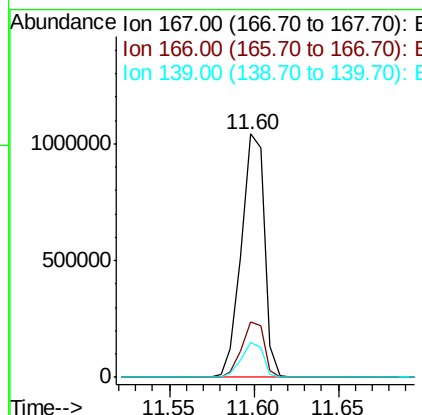
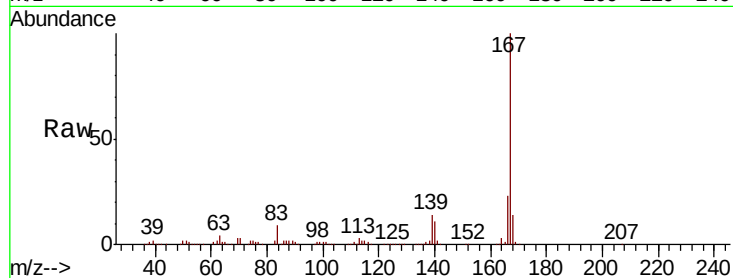




#73
 Carbazole
 Concen: 43.286 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF120777.D
 Acq: 7 Jul 2020 10:16

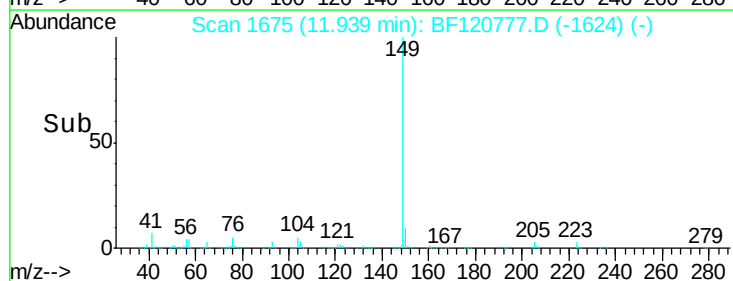
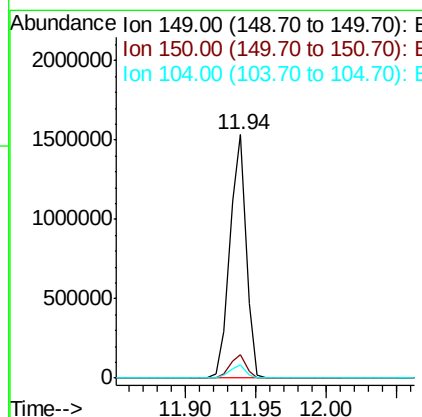
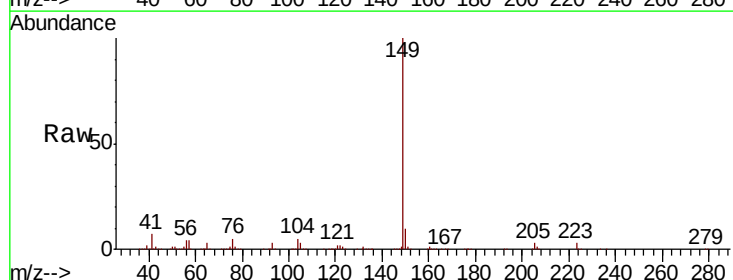
Instrument :
 BNA_F
 ClientSampleId :
 PB129924BS

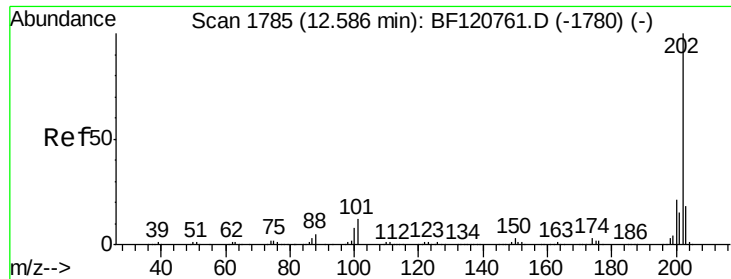
Tot Ion:167 Resp: 994694
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.8 26.8
 139 14.3 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 43.044 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF120777.D
 Acq: 7 Jul 2020 10:16

Tgt Ion:149 Resp: 1224588
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.7 11.5
 104 5.2 4.0 6.0

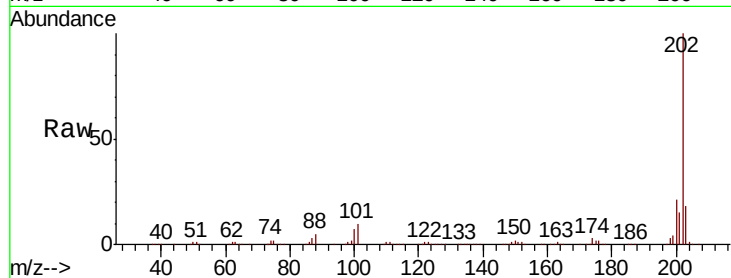




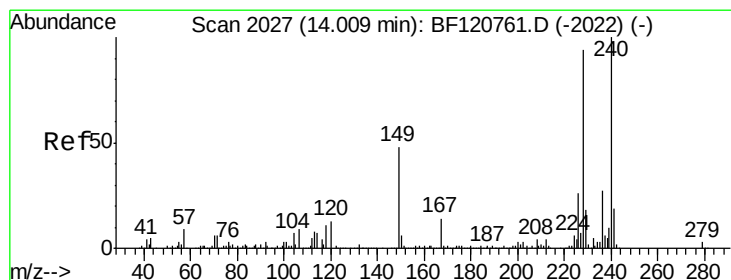
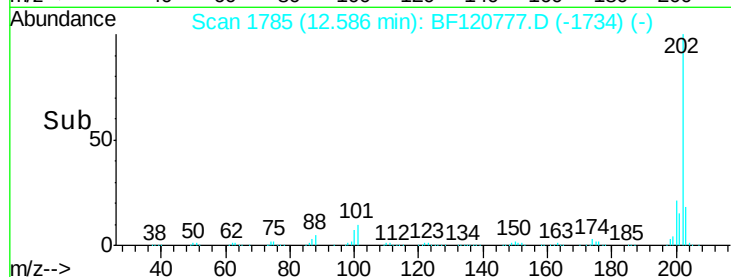
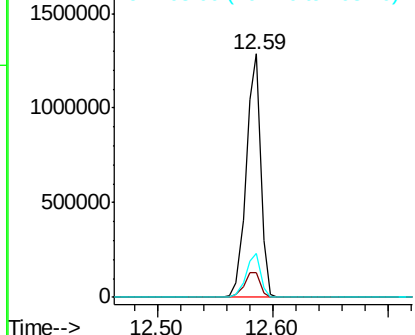
#75
 Fluoranthene
 Concen: 44.033 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BF120777.D
 Acq: 7 Jul 2020 10:16

Instrument :
 BNA_F
 ClientSampleId :
 PB129924BS

Tot Ion:202 Resp: 1110014
 Ion Ratio Lower Upper
 202 100
 101 10.2 0.0 31.6
 203 17.8 0.0 38.2

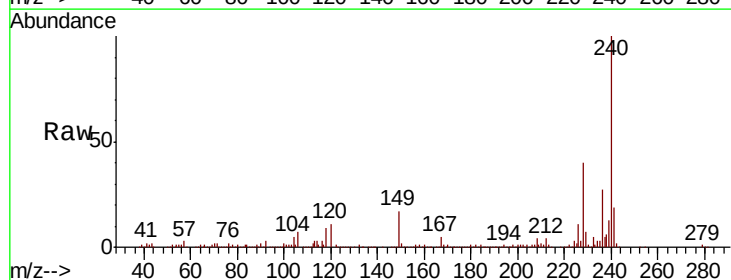


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

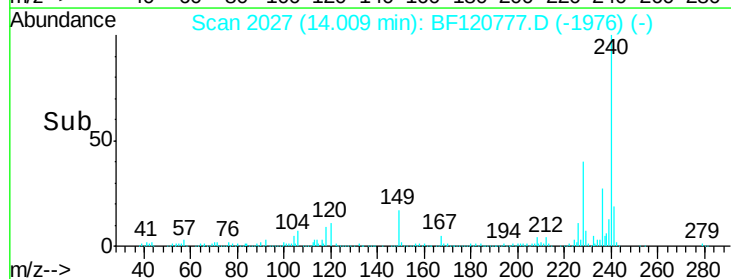
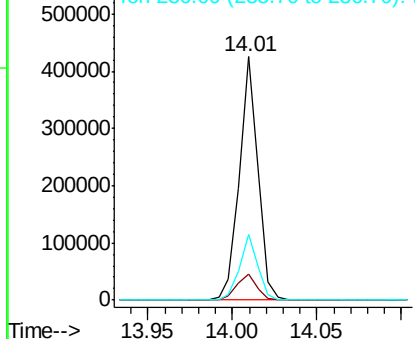


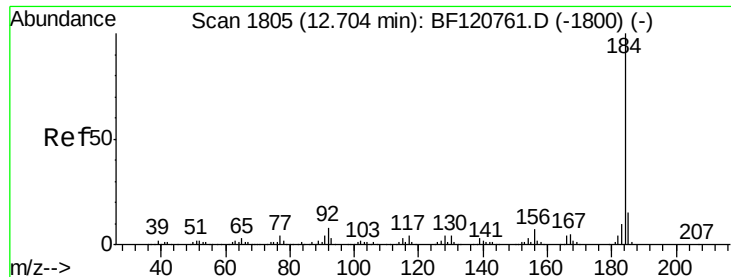
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF120777.D
 Acq: 7 Jul 2020 10:16

Tgt Ion:240 Resp: 323236
 Ion Ratio Lower Upper
 240 100
 120 10.9 10.3 15.5
 236 27.0 21.4 32.2



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: 51.957 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

Instrument :

BNA_F

ClientSampleId :

PB129924BS

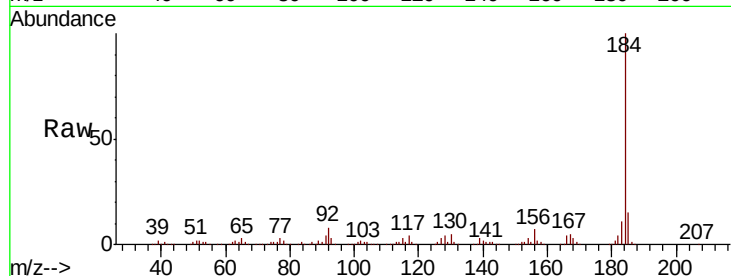
Tot Ion:184 Resp: 474037

Ion Ratio Lower Upper

184 100

185 15.4 11.8 17.8

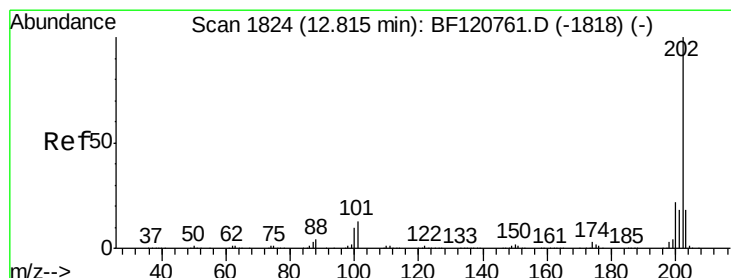
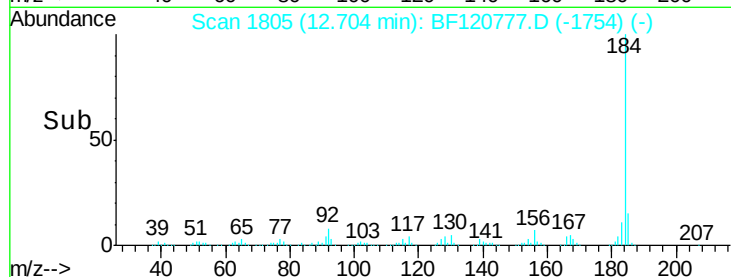
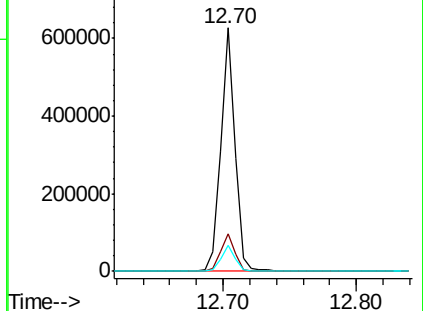
183 10.7 8.3 12.5



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: 43.609 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

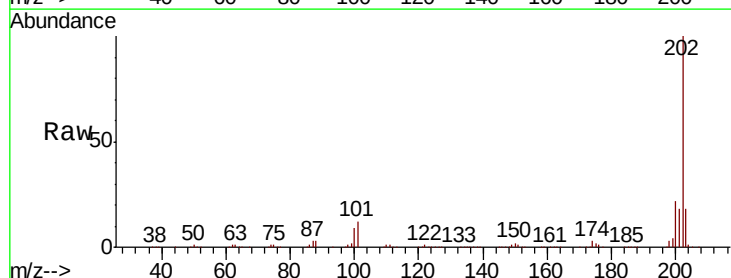
Tgt Ion:202 Resp: 1125779

Ion Ratio Lower Upper

202 100

200 21.8 17.3 25.9

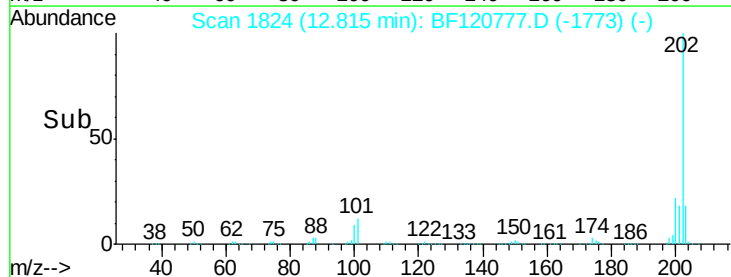
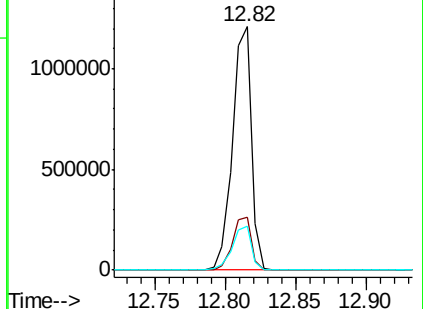
203 17.9 14.6 22.0

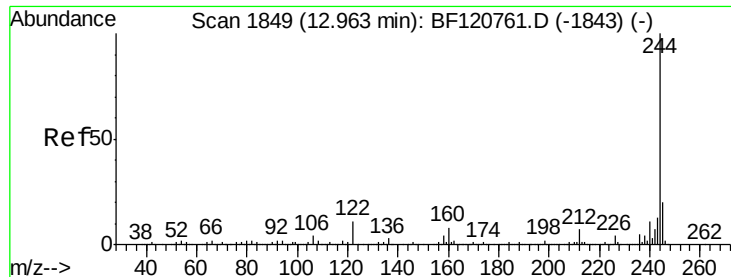


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 92.708 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

Instrument :

BNA_F

ClientSampleId :

PB129924BS

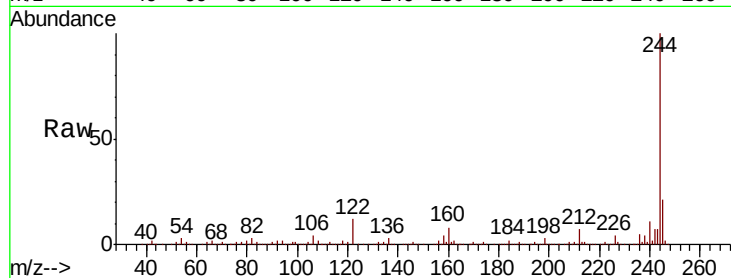
Tot Ion:244 Resp: 1530563

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

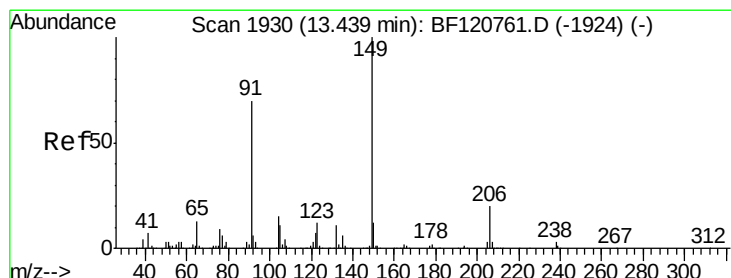
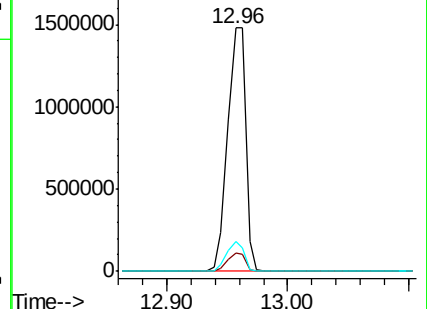
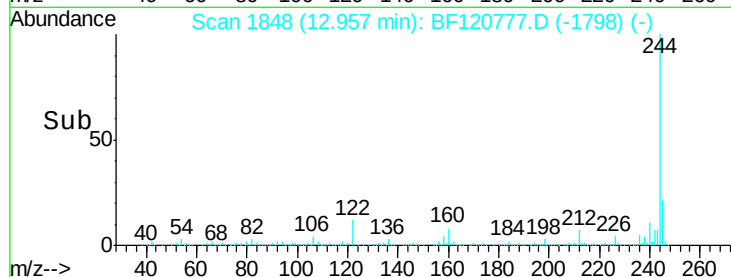
122 12.2 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.392 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

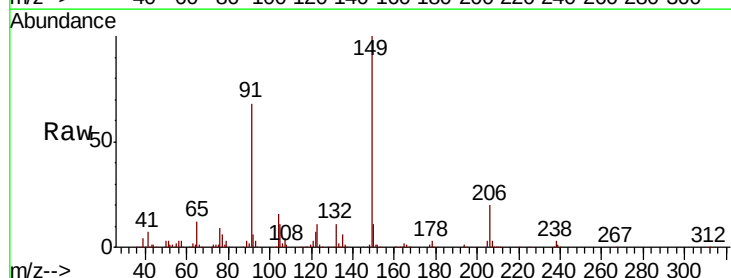
Tgt Ion:149 Resp: 461328

Ion Ratio Lower Upper

149 100

91 67.8 55.8 83.8

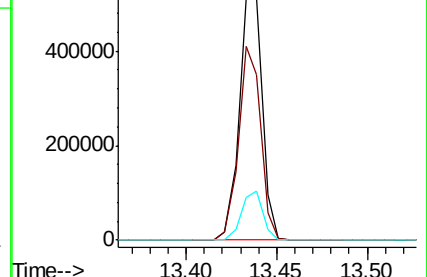
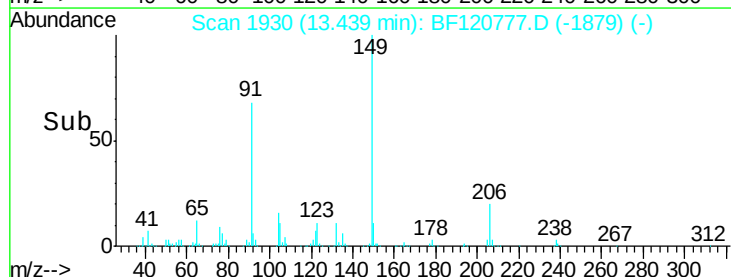
206 20.0 15.7 23.5

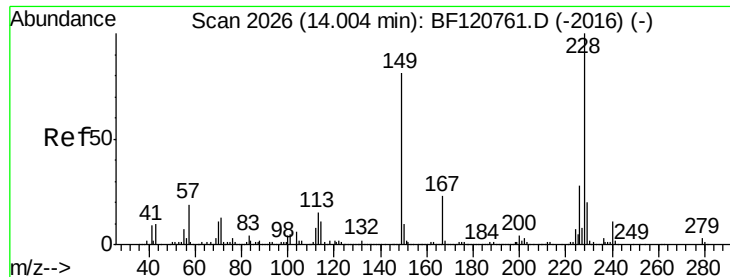


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.486 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

Instrument :

BNA_F

ClientSampleId :

PB129924BS

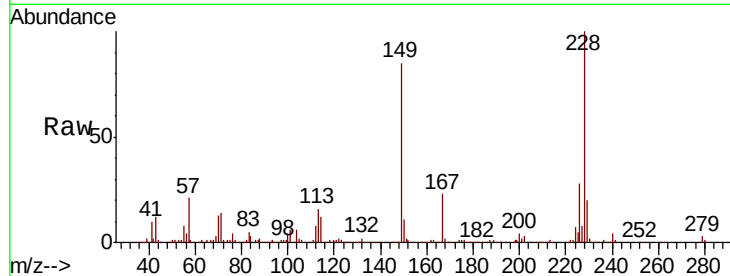
Tot Ion:228 Resp: 901022

Ion Ratio Lower Upper

228 100

226 28.0 22.6 33.8

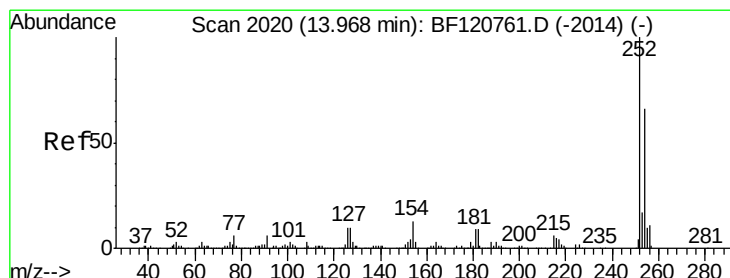
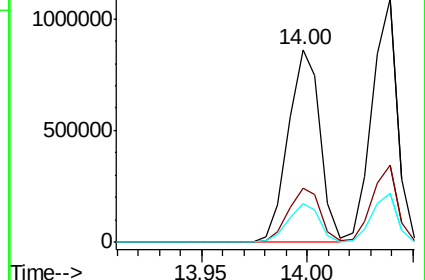
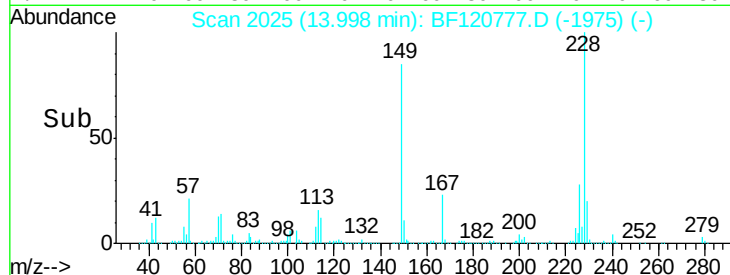
229 20.3 15.8 23.6



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: 27.569 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

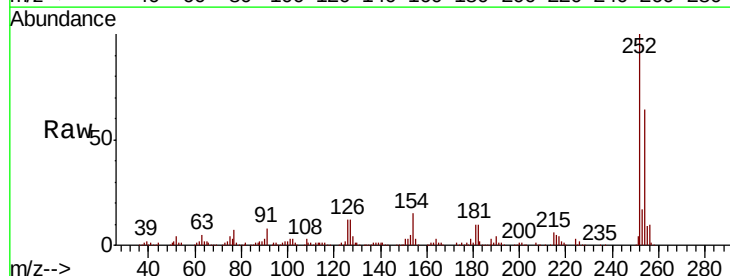
Tgt Ion:252 Resp: 192768

Ion Ratio Lower Upper

252 100

254 64.3 52.6 78.8

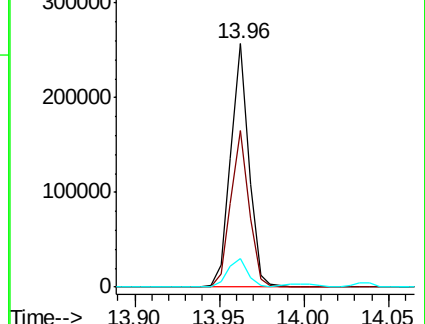
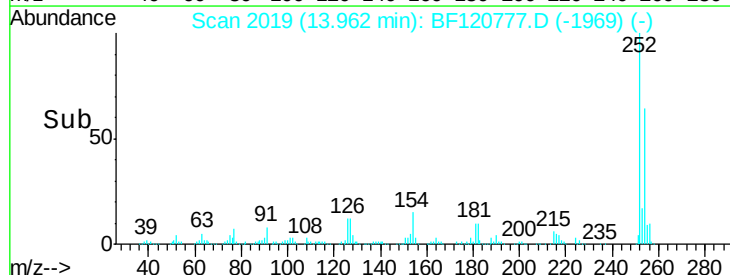
126 11.6 7.8 11.8

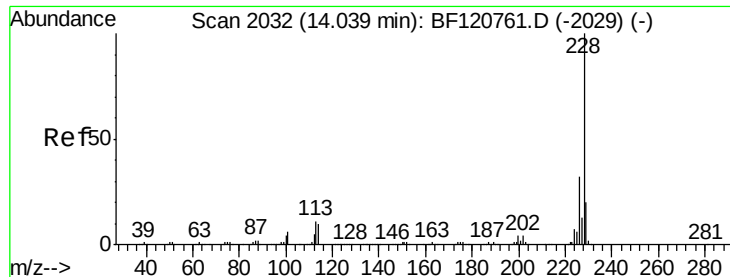


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.289 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

Instrument :

BNA_F

ClientSampleId :

PB129924BS

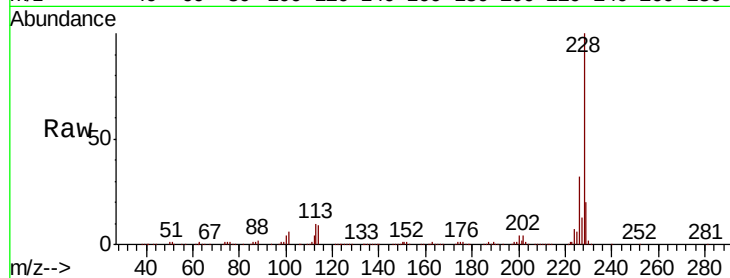
Tot Ion:228 Resp: 914898

Ion Ratio Lower Upper

228 100

226 31.6 25.7 38.5

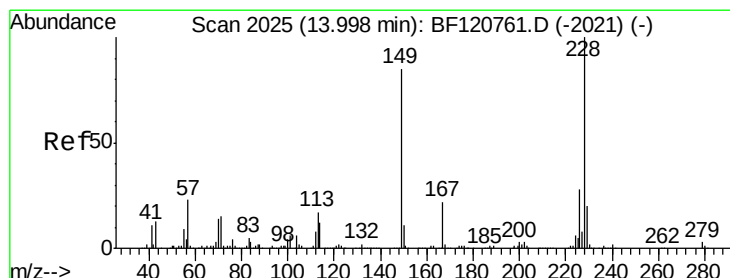
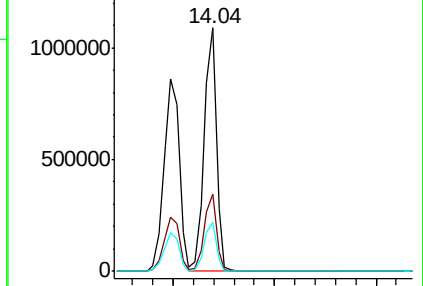
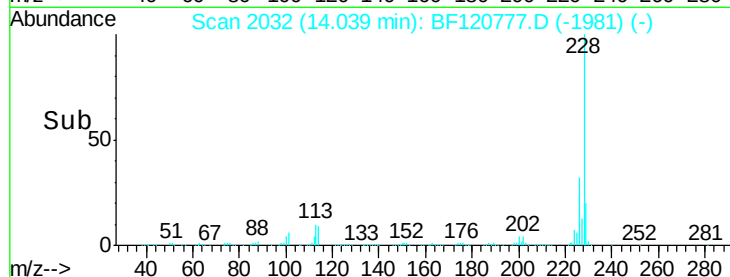
229 20.0 16.3 24.5



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.194 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF120777.D

Acq: 7 Jul 2020 10:16

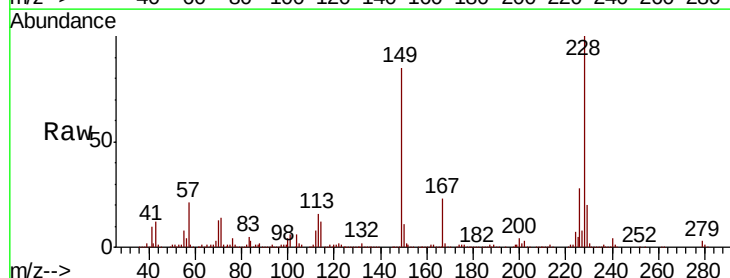
Tgt Ion:149 Resp: 645919

Ion Ratio Lower Upper

149 100

167 26.6 20.9 31.3

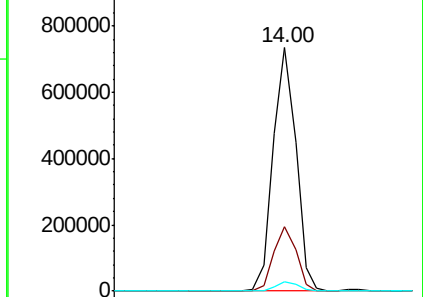
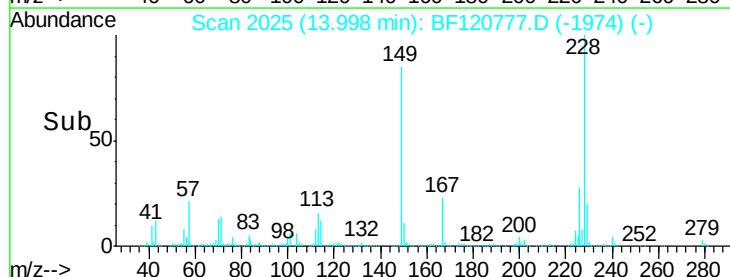
279 3.7 2.6 4.0

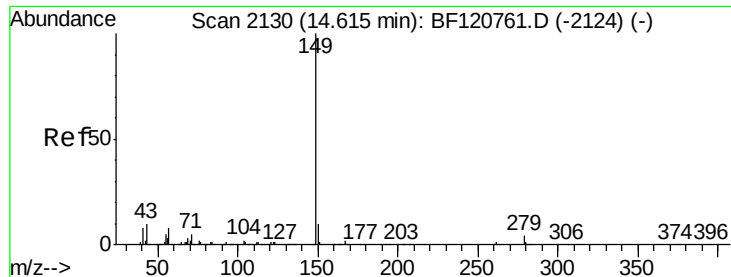


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

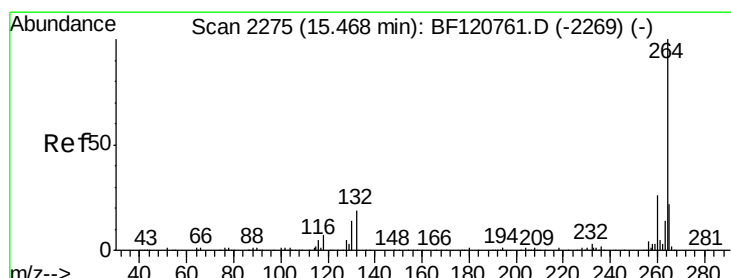
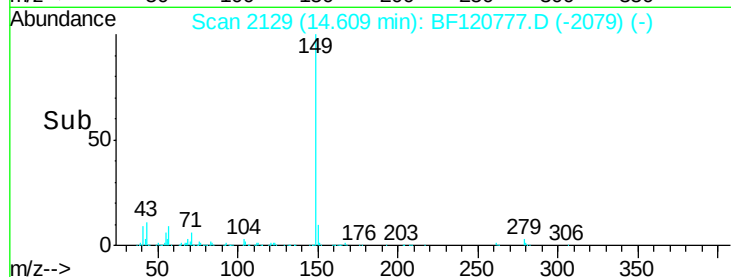
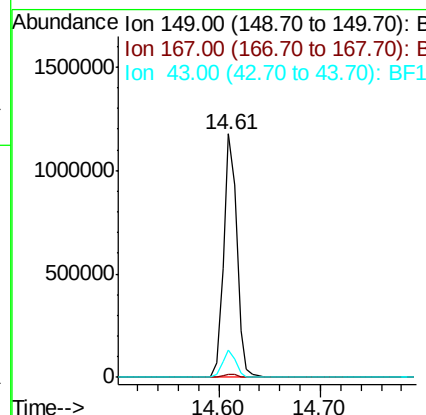
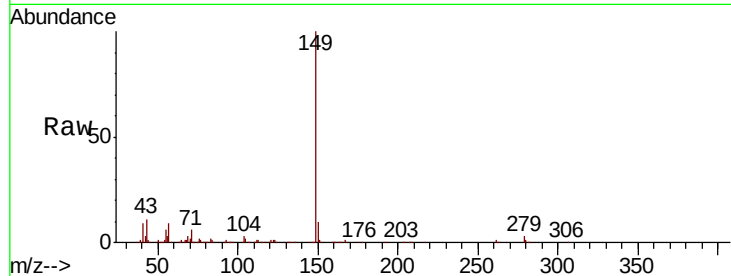




#85
Di-n-octyl phthalate
Concen: 41.261 ng
RT: 14.61 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF120777.D
Acq: 7 Jul 2020 10:16

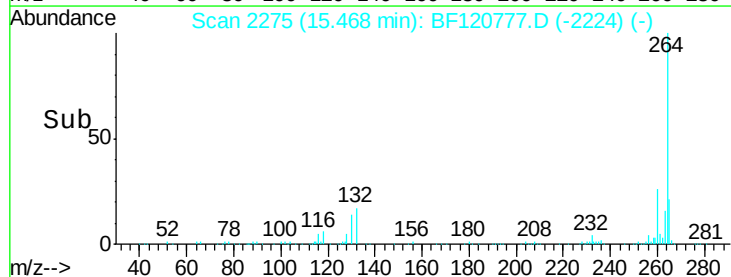
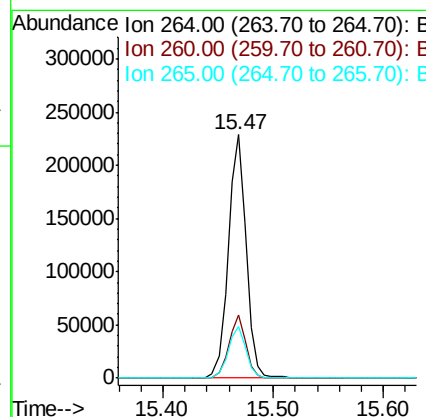
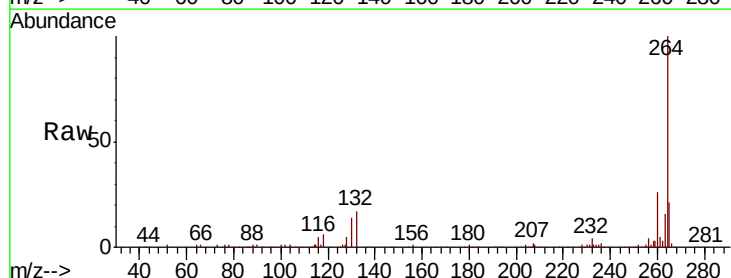
Instrument :
BNA_F
ClientSampleId :
PB129924BS

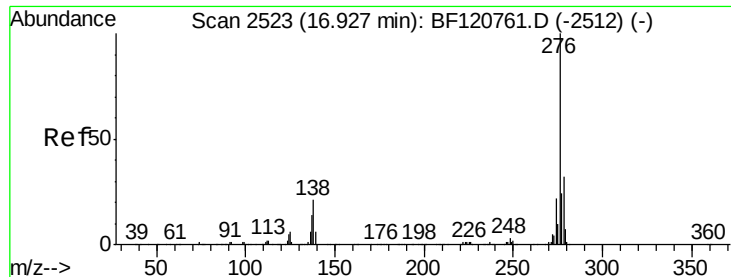
Tot Ion:149 Resp: 1066859
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.2 8.7 13.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF120777.D
Acq: 7 Jul 2020 10:16

Tgt Ion:264 Resp: 258830
Ion Ratio Lower Upper
264 100
260 25.8 20.6 30.8
265 21.4 17.6 26.4

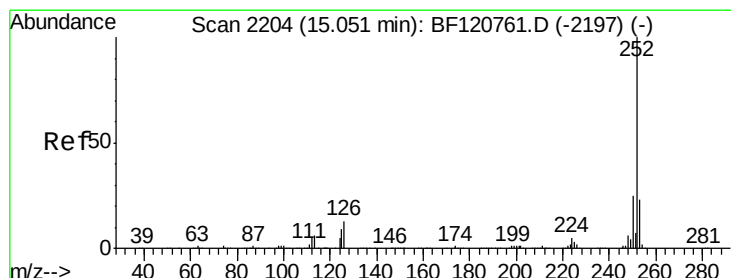
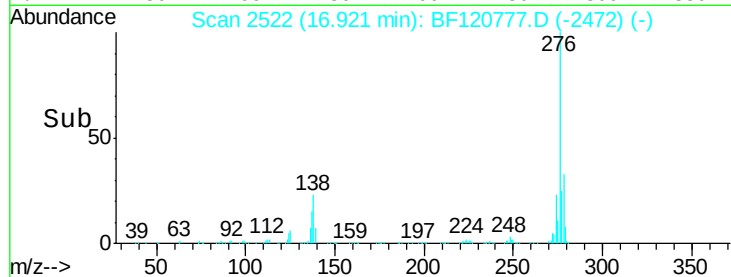
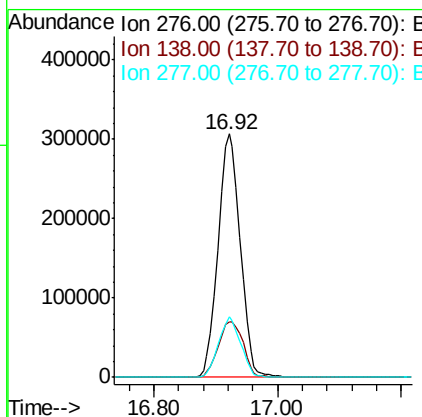
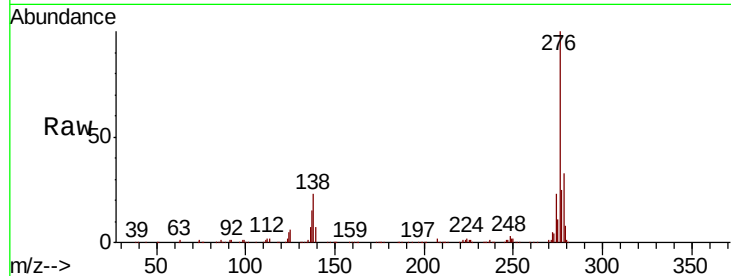




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.130 ng
 RT: 16.92 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BF120777.D
 Acq: 7 Jul 2020 10:16

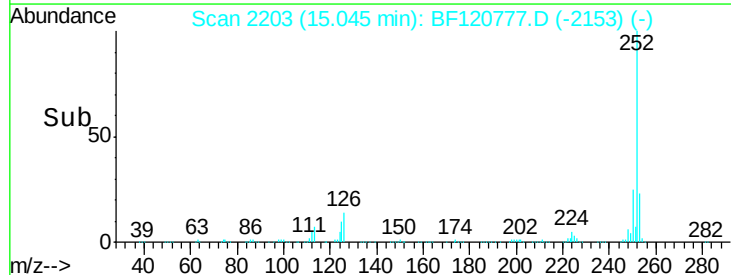
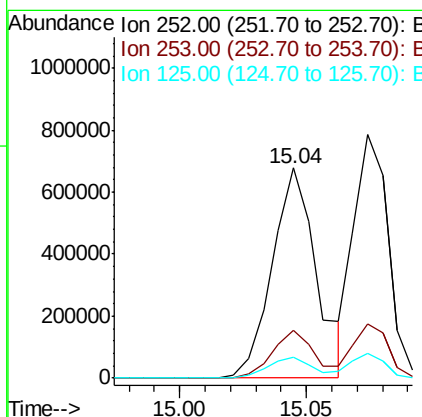
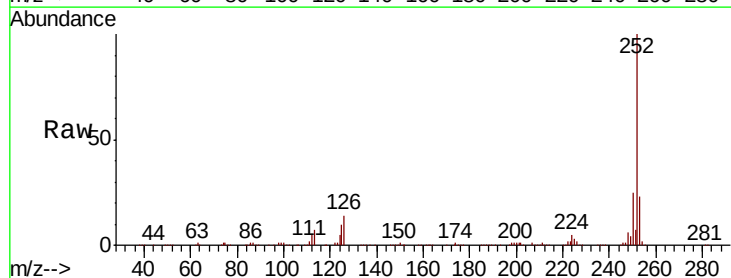
Instrument :
 BNA_F
 ClientSampleId :
 PB129924BS

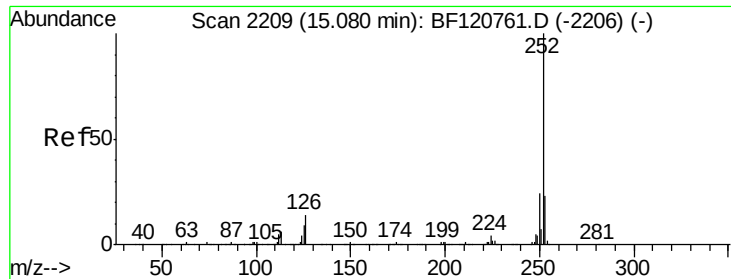
Tot Ion:276	Resp:	765829
Ion	Ratio	Lower Upper
276	100	
138	25.9	19.8 29.8
277	24.8	19.9 29.9



#88
 Benzo(b)fluoranthene
 Concen: 48.207 ng
 RT: 15.04 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BF120777.D
 Acq: 7 Jul 2020 10:16

Tgt Ion:252	Resp:	820288
Ion	Ratio	Lower Upper
252	100	
253	22.8	18.0 27.0
125	10.2	7.5 11.3

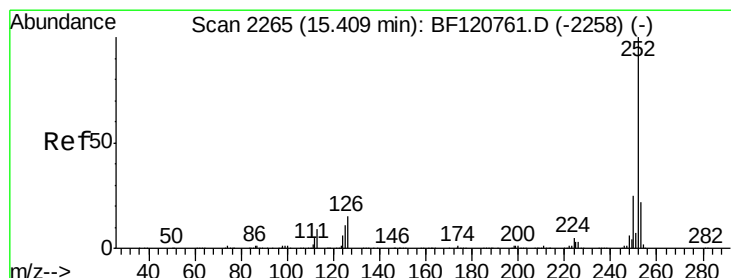
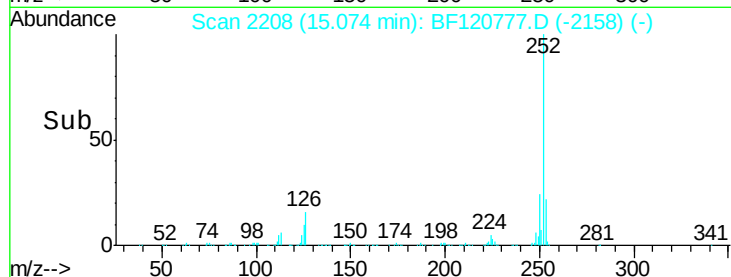
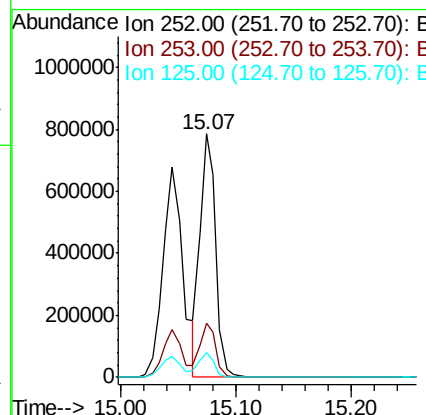
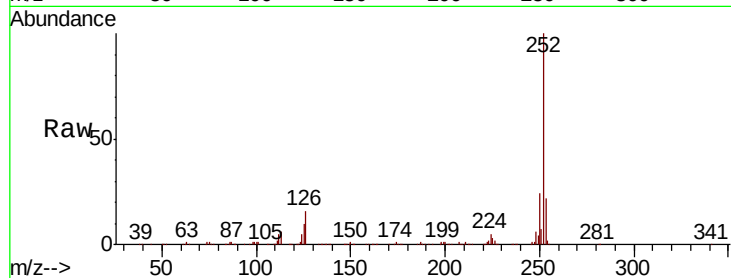




#89
Benzo(k)fluoranthene
Concen: 44.988 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF120777.D
Acq: 7 Jul 2020 10:16

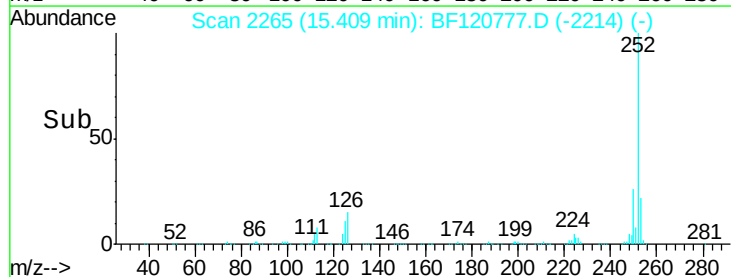
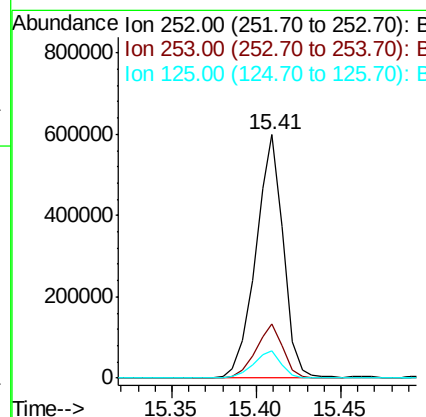
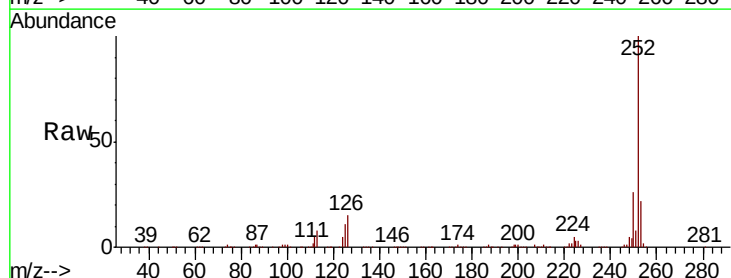
Instrument :
BNA_F
ClientSampleId :
PB129924BS

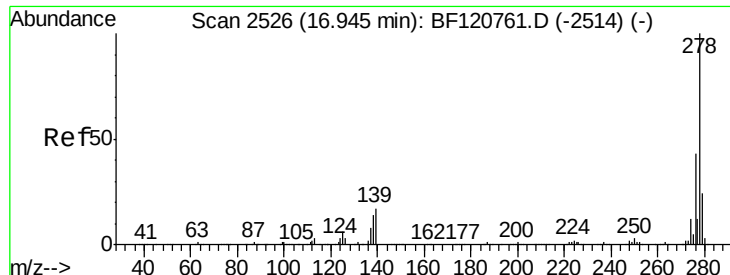
Tot Ion:252 Resp: 744891
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 10.4 7.6 11.4



#90
Benzo(a)pyrene
Concen: 44.693 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BF120777.D
Acq: 7 Jul 2020 10:16

Tgt Ion:252 Resp: 678408
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 11.0 9.2 13.8



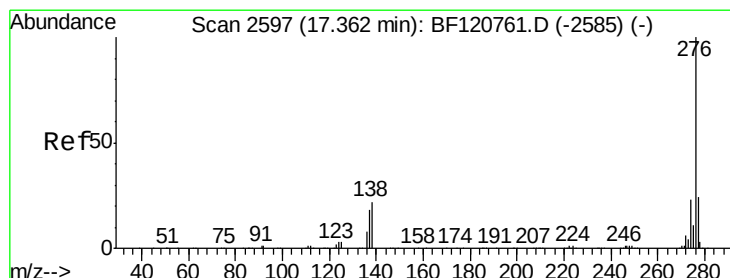
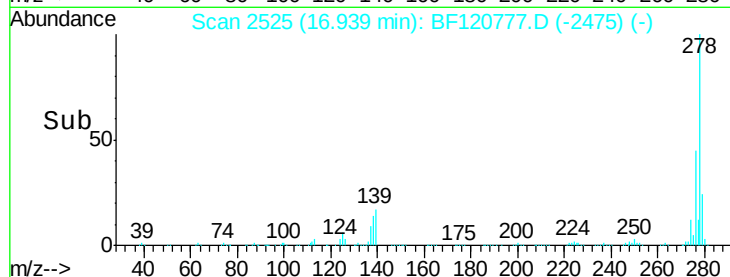
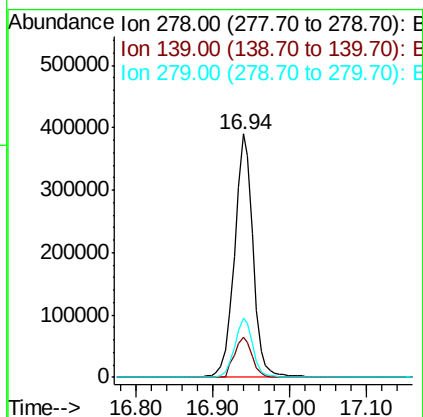
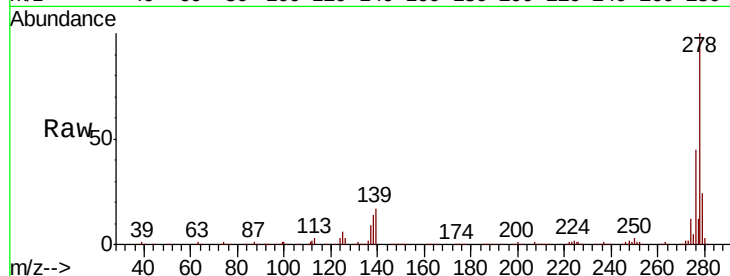


#91
Dibenzo(a,h)anthracene
Concen: 47.354 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BF120777.D
Acq: 7 Jul 2020 10:16

Instrument :
BNA_F
ClientSampleId :
PB129924BS

Tot Ion:278 Resp: 655241

Ion	Ratio	Lower	Upper
278	100		
139	16.7	13.3	19.9
279	24.4	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 47.559 ng
RT: 17.36 min Scan# 2597
Delta R.T. 0.00 min
Lab File: BF120777.D
Acq: 7 Jul 2020 10:16

Tgt Ion:276 Resp: 601444

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	21.8	17.4	26.2

