

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070220\
 Data File : BF120765.D
 Acq On : 2 Jul 2020 18:27
 Operator : JU/CG
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF070220

Quant Time: Jul 02 19:06:38 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	137775	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	497364	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	249365	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	445821	20.00	ng	0.00
76) Chrysene-d12	14.01	240	327193	20.00	ng	0.00
86) Perylene-d12	15.47	264	275952	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	706128	79.12	ng	0.00
7) Phenol-d6	6.47	99	892975	78.35	ng	0.00
23) Nitrobenzene-d5	7.42	82	748331	87.17	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	217349	86.76	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1351398	81.99	ng	0.00
79) Terphenyl-d14	12.96	244	1355756	81.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	160296	39.317	ng	99
3) Pyridine	3.33	79	437915	39.214	ng	98
4) n-Nitrosodimethylamine	3.28	42	219885	39.359	ng	99
6) Aniline	6.51	93	573856	39.203	ng	99
8) 2-Chlorophenol	6.63	128	382173	40.218	ng	99
9) Benzaldehyde	6.40	77	242151	35.722	ng	99
10) Phenol	6.49	94	465540	39.704	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	377320	39.546	ng	99
12) 1,3-Dichlorobenzene	6.79	146	412913	39.478	ng	99
13) 1,4-Dichlorobenzene	6.87	146	415681	39.680	ng	99
14) 1,2-Dichlorobenzene	7.02	146	394382	39.570	ng	99
15) Benzyl Alcohol	6.99	79	341947	39.930	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	580766	39.024	ng	99
17) 2-Methylphenol	7.10	107	330035	38.824	ng	99
18) Hexachloroethane	7.36	117	158400	40.229	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	265326	38.661	ng	99
20) 3+4-Methylphenols	7.25	107	419071	40.026	ng	99
22) Acetophenone	7.26	105	503929	40.762	ng	100
24) Nitrobenzene	7.43	77	409072	42.441	ng	99
25) Isophorone	7.67	82	738932	39.914	ng	99
26) 2-Nitrophenol	7.75	139	166886	41.749	ng	98
27) 2,4-Dimethylphenol	7.78	122	301194	40.756	ng	100
28) bis(2-Chloroethoxy)methane	7.89	93	440551	40.208	ng	100
29) 2,4-Dichlorophenol	7.99	162	301057	40.806	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	337509	40.730	ng	99
31) Naphthalene	8.16	128	1083468	40.762	ng	100
32) Benzoic acid	7.89	122	217245	42.139	ng	99
33) 4-Chloroaniline	8.20	127	451383	40.019	ng	99
34) Hexachlorobutadiene	8.27	225	207515	41.638	ng	99
35) Caprolactam	8.57	113	88122	40.992	ng	99
36) 4-Chloro-3-methylphenol	8.67	107	313271	40.820	ng	100
37) 2-Methylnaphthalene	8.85	142	699258	40.469	ng	100
38) 1-Methylnaphthalene	8.95	142	655804	40.519	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	314782	41.768	ng	99

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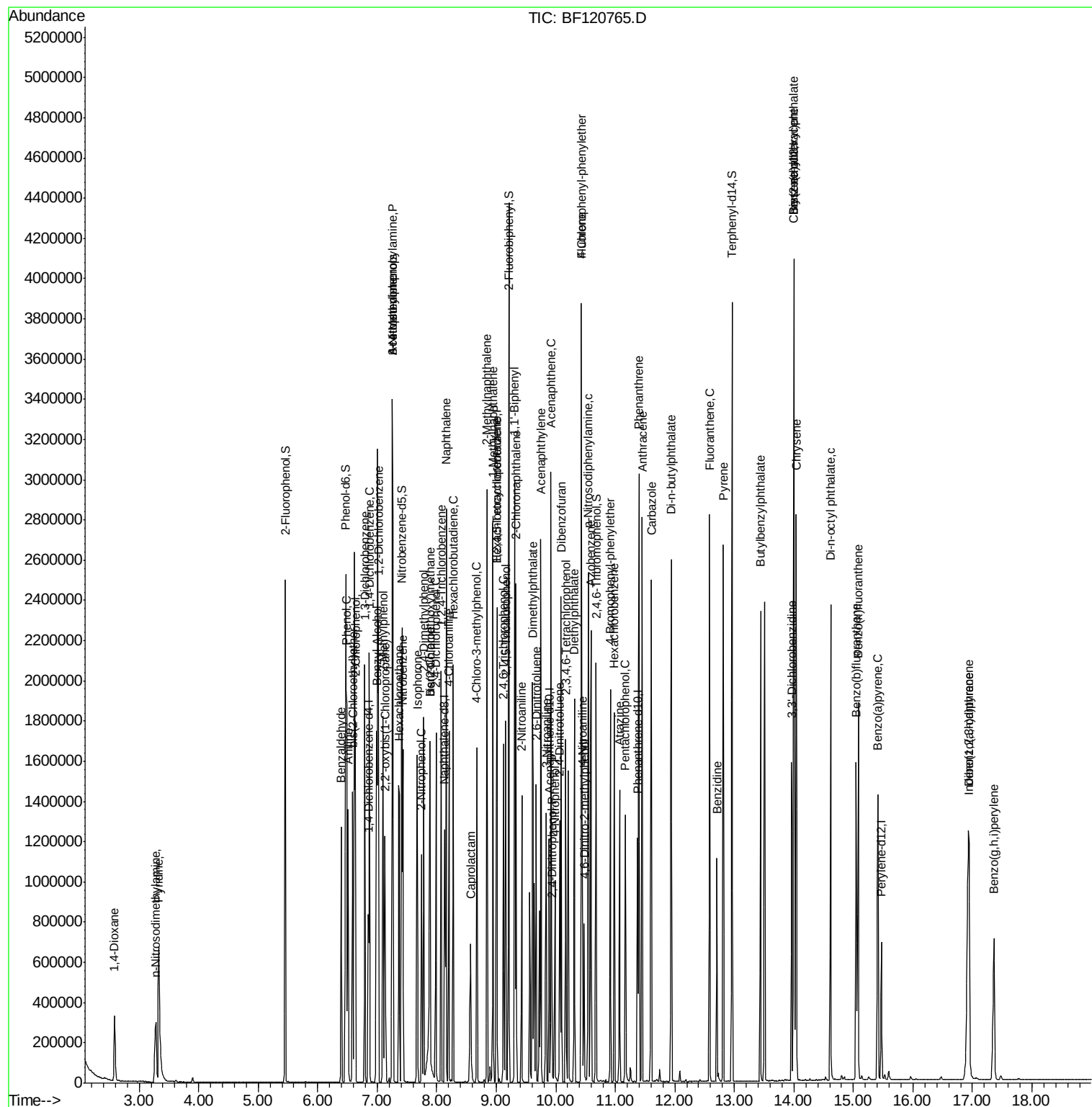
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	189436	42.543	nq	98
43) 2,4,6-Trichlorophenol	9.12	196	213943	41.660	nq	98
44) 2,4,5-Trichlorophenol	9.16	196	236145	41.435	nq	99
46) 1,1'-Biphenyl	9.31	154	819131	40.723	nq	99
47) 2-Chloronaphthalene	9.33	162	656898	40.765	nq	100
48) 2-Nitroaniline	9.43	65	201119	42.027	nq	98
49) Acenaphthylene	9.75	152	1004068	39.743	nq	100
50) Dimethylphthalate	9.61	163	729883	40.124	nq	100
51) 2,6-Dinitrotoluene	9.67	165	149288	41.612	nq	99
52) Acenaphthene	9.92	154	638206	40.720	nq	99
53) 3-Nitroaniline	9.84	138	180478	41.032	nq	95
54) 2,4-Dinitrophenol	9.94	184	50105	40.562	nq	97
55) Dibenzofuran	10.09	168	918610	40.660	nq	100
56) 4-Nitrophenol	9.99	139	134805	41.444	nq	99
57) 2,4-Dinitrotoluene	10.07	165	184580	41.437	nq	99
58) Fluorene	10.44	166	682554	40.589	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	176732	41.672	nq	99
60) Diethylphthalate	10.31	149	762702	40.249	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	344734	40.780	nq	100
62) 4-Nitroaniline	10.45	138	171500	44.373	nq	97
63) Azobenzene	10.59	77	768204	39.630	nq	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	73586	40.528	nq	98
66) n-Nitrosodiphenylamine	10.55	169	609999	40.822	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	215228	41.618	nq	98
68) Hexachlorobenzene	10.98	284	226042	41.653	nq	99
69) Atrazine	11.07	200	159298	41.380	nq	99
70) Pentachlorophenol	11.17	266	136861	44.575	nq	100
71) Phenanthrene	11.40	178	978496	40.451	nq	100
72) Anthracene	11.45	178	999486	40.889	nq	100
73) Carbazole	11.60	167	944365	40.203	nq	100
74) Di-n-butylphthalate	11.94	149	1192388	41.001	nq	100
75) Fluoranthene	12.59	202	1057750	41.048	nq	98
77) Benzidine	12.70	184	367341	39.776	nq	100
78) Pyrene	12.82	202	1071503	41.004	nq	99
80) Butylbenzylphthalate	13.44	149	477794	42.351	nq	99
81) Benzo(a)anthracene	14.00	228	878051	41.865	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	300089	42.398	nq	# 95
83) Chrysene	14.04	228	878616	41.069	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	625664	42.291	nq	# 98
85) Di-n-octyl phthalate	14.62	149	1103302	42.154	nq	99
87) Indeno(1,2,3-cd)pyrene	16.93	276	753481	42.570	nq	100
88) Benzo(b)fluoranthene	15.05	252	778943	42.937	nq	99
89) Benzo(k)fluoranthene	15.08	252	749924	42.481	nq	99
90) Benzo(a)pyrene	15.42	252	684902	42.321	nq	98
91) Dibenzo(a,h)anthracene	16.94	278	630201	42.719	nq	99
92) Benzo(g,h,i)perylene	17.36	276	557628	41.359	nq	99

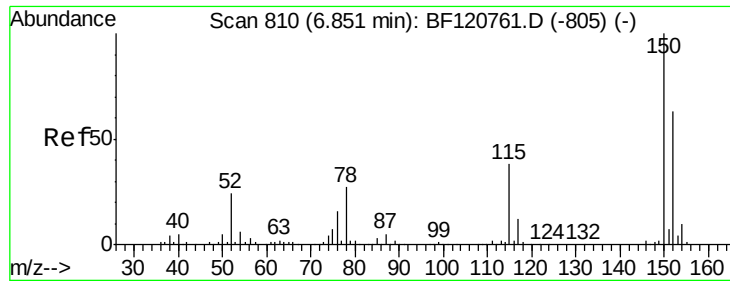
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF120765.D

Acq: 2 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

ICVBF070220

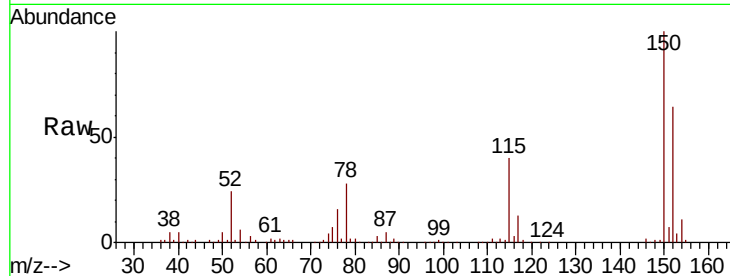
Tot Ion:152 Resp: 137775

Ion Ratio Lower Upper

152 100

150 155.7 126.1 189.1

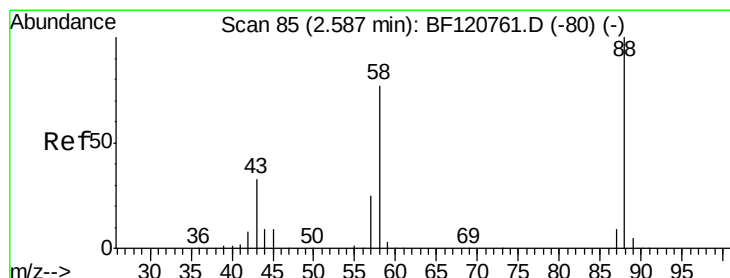
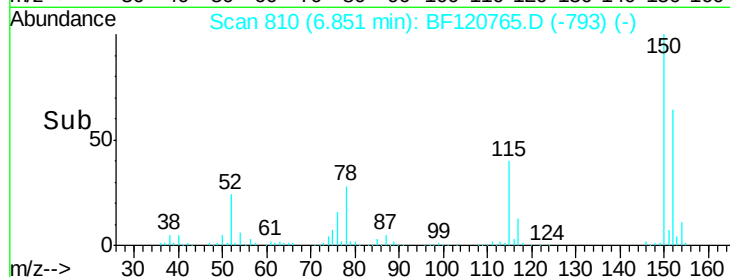
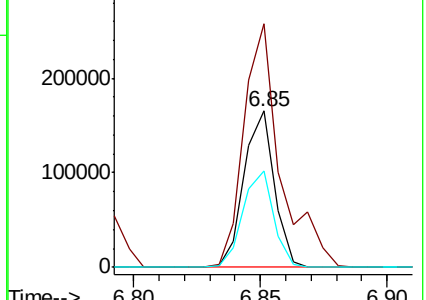
115 61.8 48.5 72.7



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: 39.317 ng

RT: 2.59 min Scan# 85

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

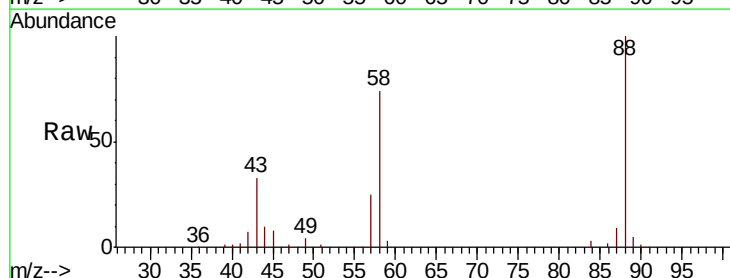
Tgt Ion: 88 Resp: 160296

Ion Ratio Lower Upper

88 100

58 74.7 60.4 90.6

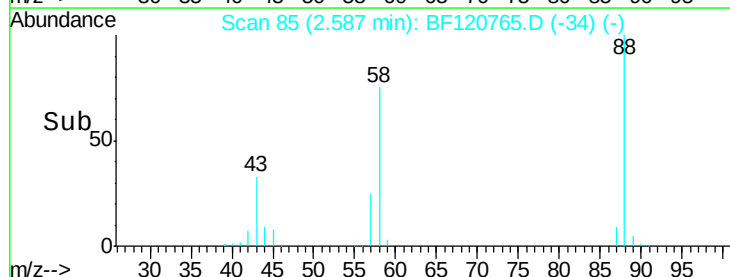
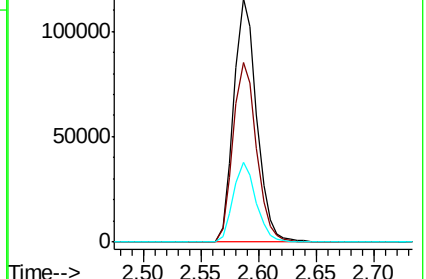
43 32.5 26.3 39.5

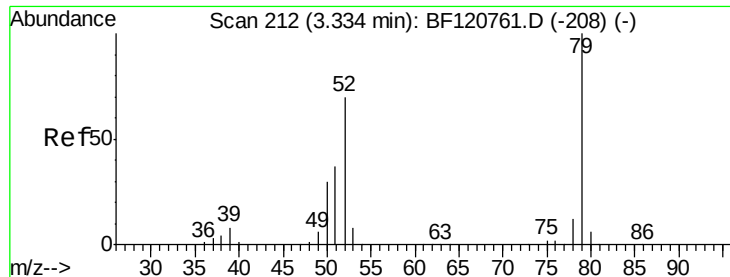


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.214 ng

RT: 3.33 min Scan# 211

Delta R.T. -0.01 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

ICVBF070220

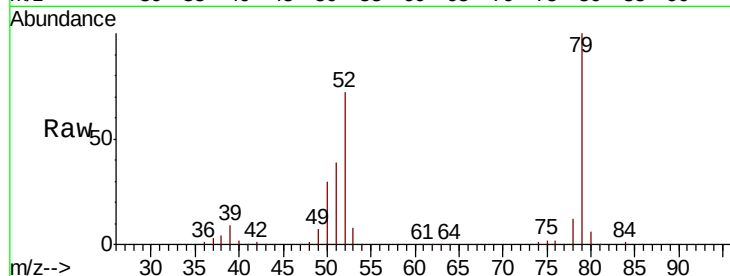
Tot Ion: 79 Resp: 437915

Ion Ratio Lower Upper

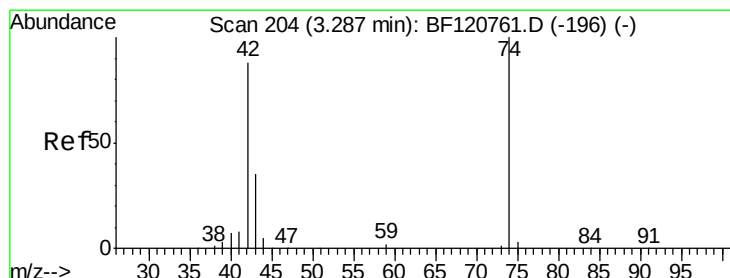
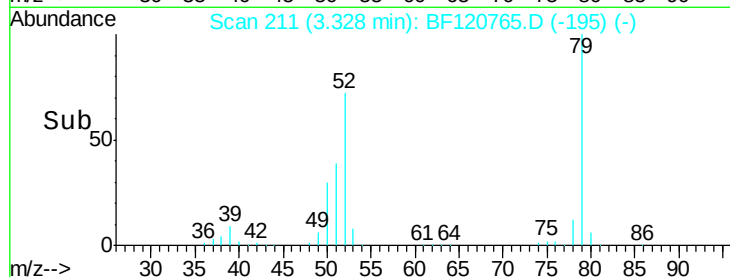
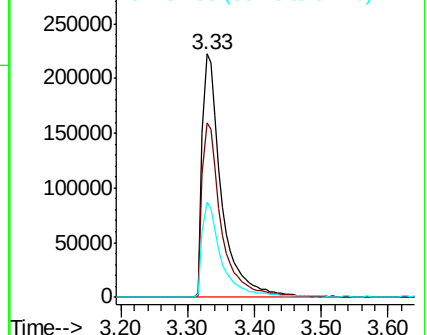
79 100

52 71.9 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: 39.359 ng

RT: 3.28 min Scan# 203

Delta R.T. -0.01 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

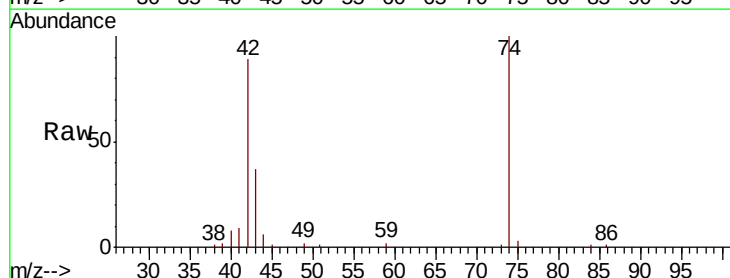
Tgt Ion: 42 Resp: 219885

Ion Ratio Lower Upper

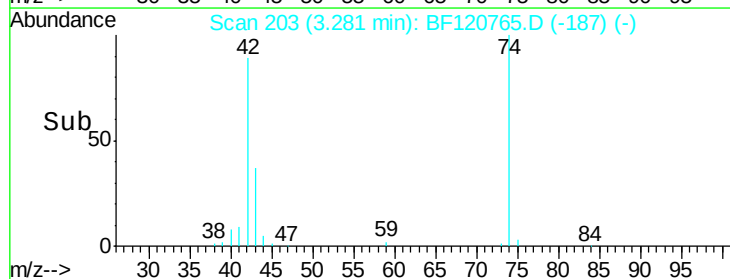
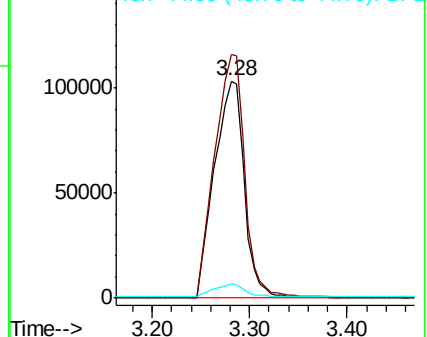
42 100

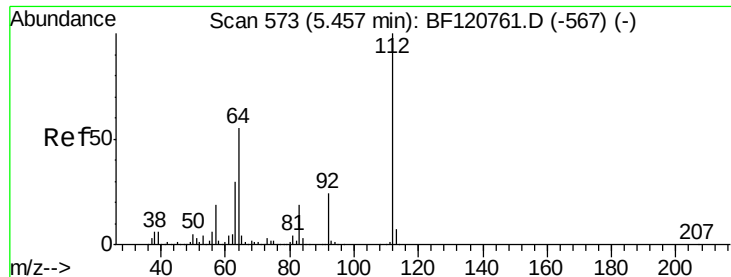
74 112.3 90.8 136.2

44 6.6 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: 79.116 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.00 min

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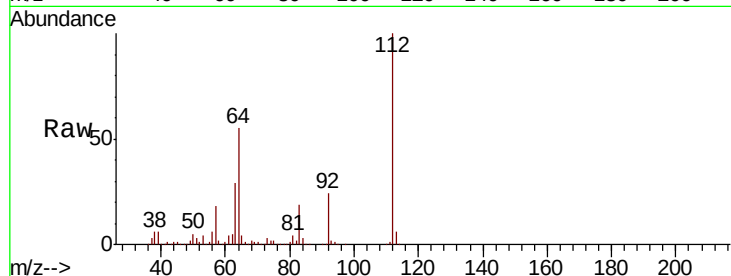
Tot Ion:112 Resp: 706128

Ion Ratio Lower Upper

112 100

64 54.6 43.8 65.6

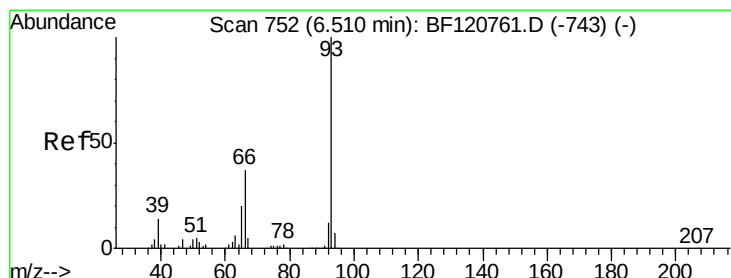
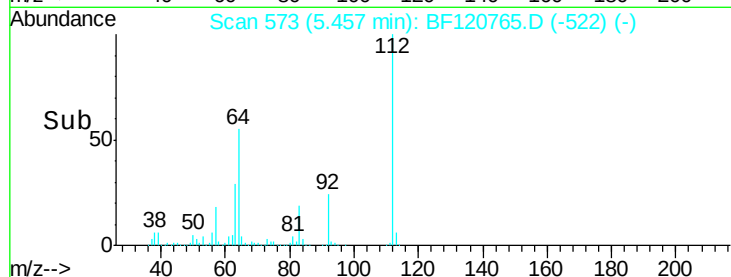
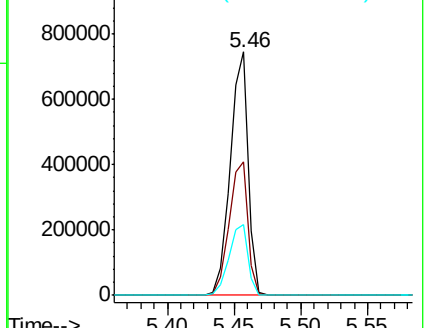
63 29.1 23.6 35.4



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: 39.203 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

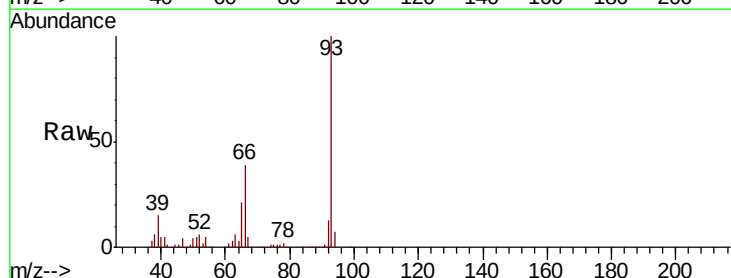
Tgt Ion: 93 Resp: 573856

Ion Ratio Lower Upper

93 100

66 39.5 31.3 46.9

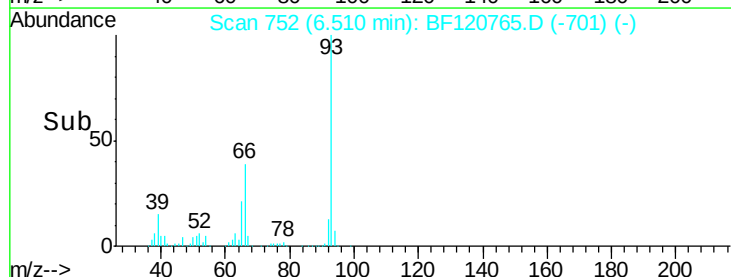
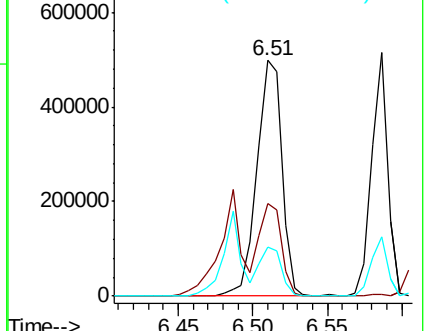
65 21.0 16.5 24.7

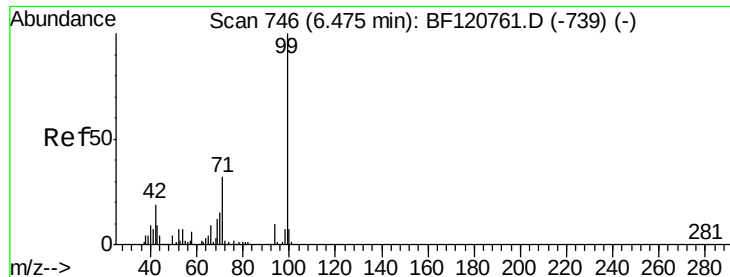


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.345 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

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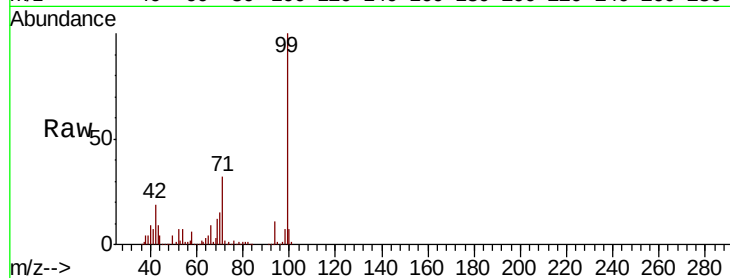
Tot Ion: 99 Resp: 892975

Ion Ratio Lower Upper

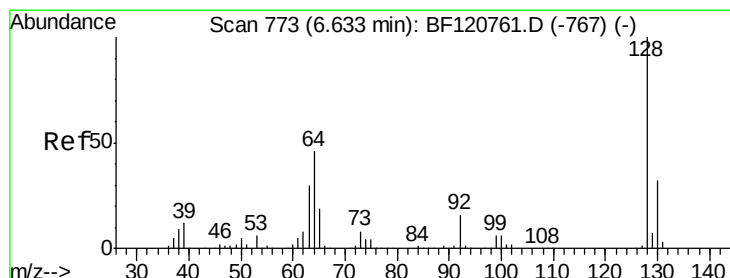
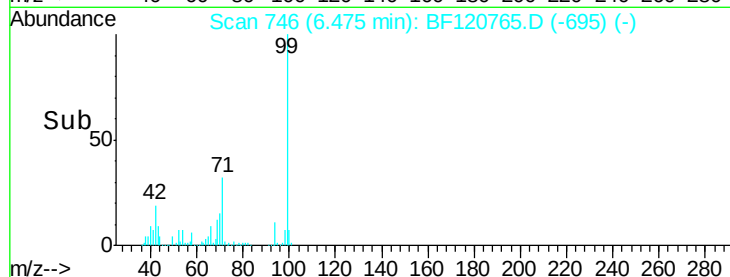
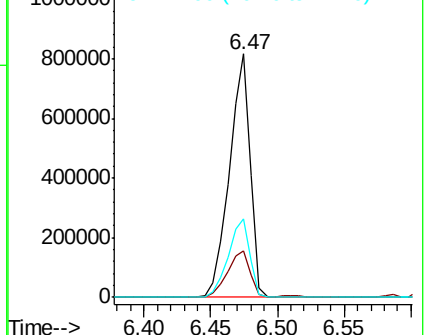
99 100

42 19.3 15.4 23.0

71 32.2 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: 40.218 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

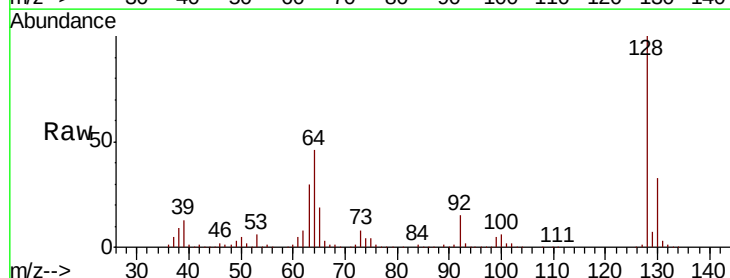
Tgt Ion: 128 Resp: 382173

Ion Ratio Lower Upper

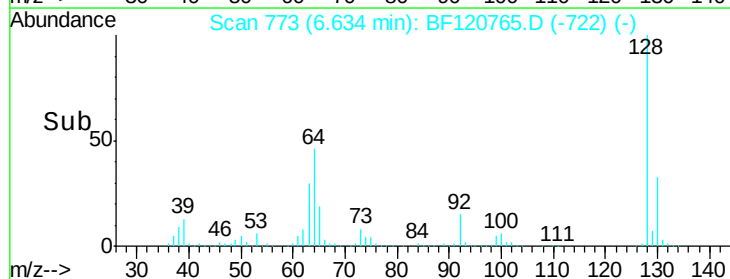
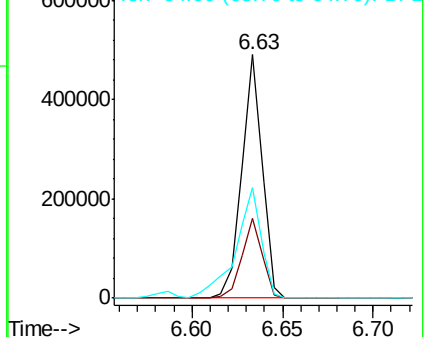
128 100

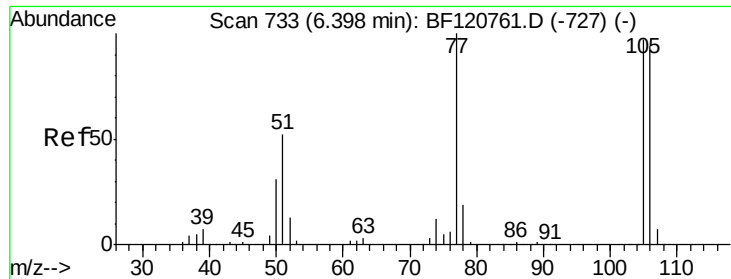
130 32.7 12.1 52.1

64 45.5 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: 35.722 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

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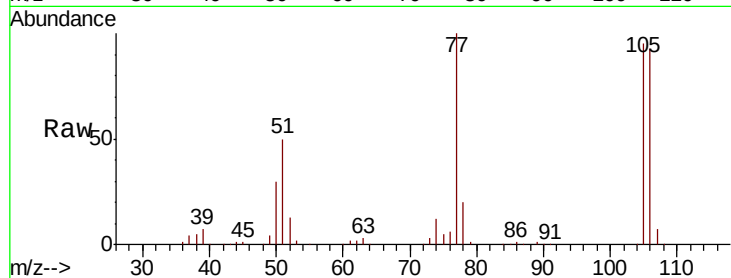
Tot Ion: 77 Resp: 242151

Ion Ratio Lower Upper

77 100

105 95.2 76.8 116.8

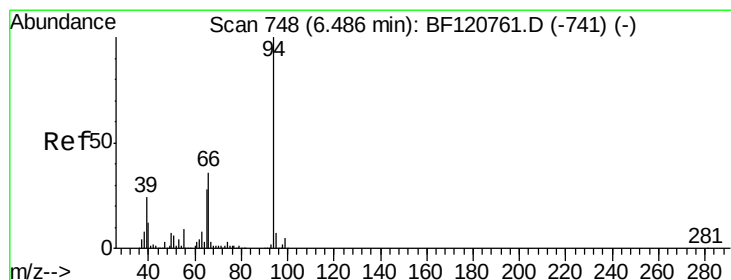
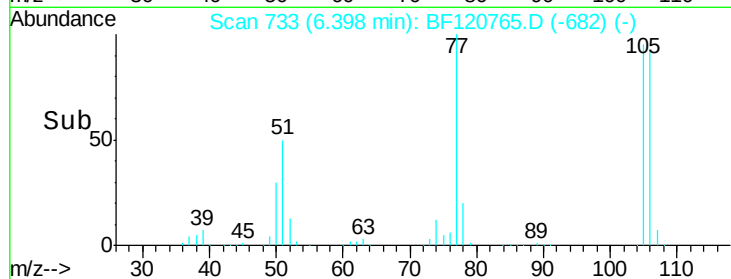
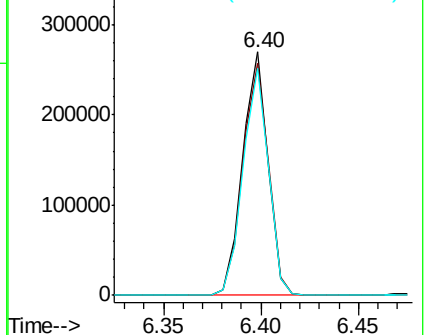
106 93.1 73.8 113.8



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: 39.704 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

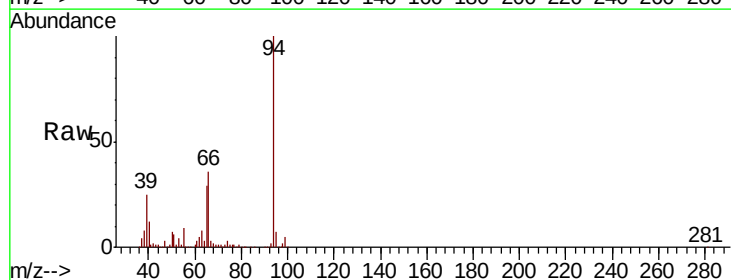
Tgt Ion: 94 Resp: 465540

Ion Ratio Lower Upper

94 100

65 28.9 8.4 48.4

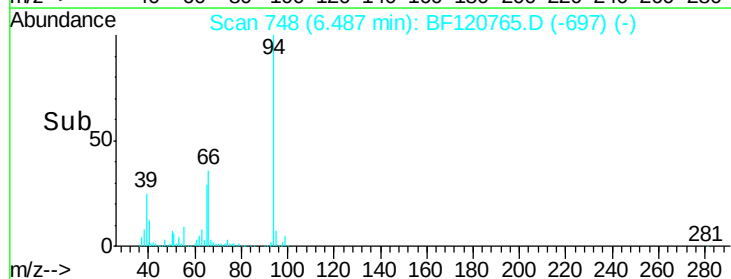
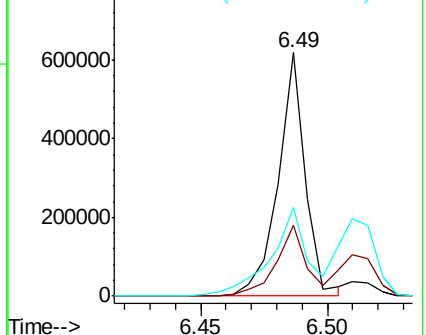
66 36.3 16.5 56.5

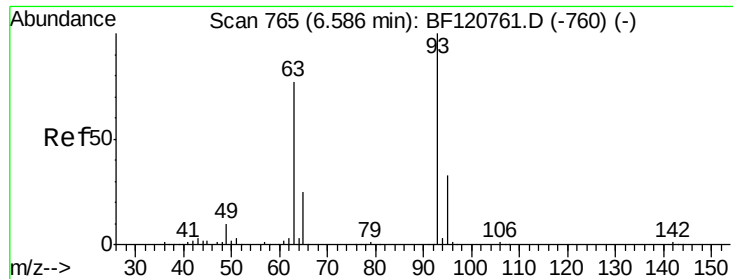


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

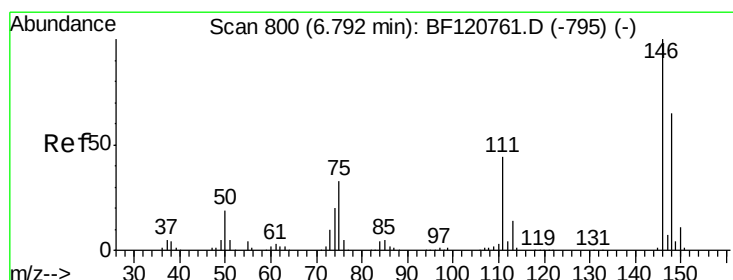
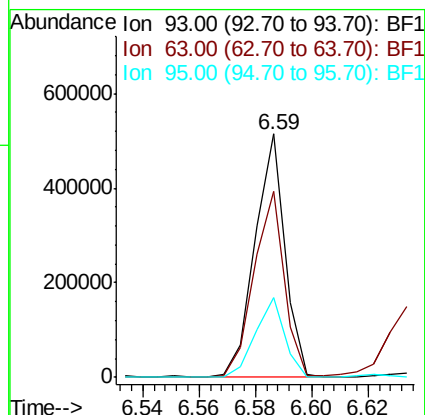
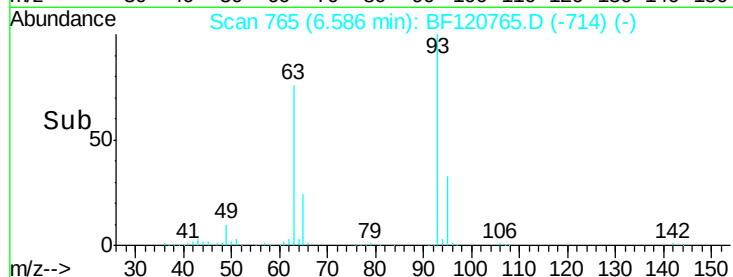
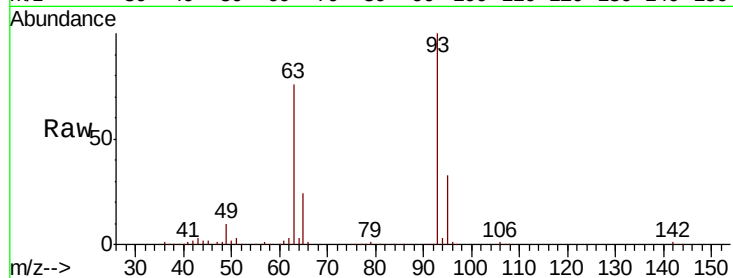




#11
bis(2-Chloroethyl)ether
Concen: 39.546 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

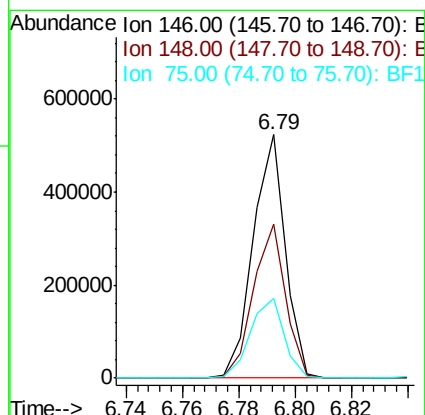
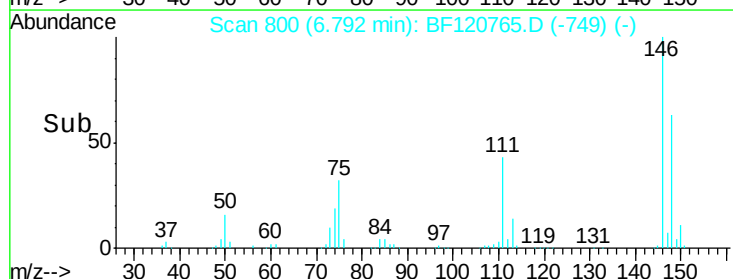
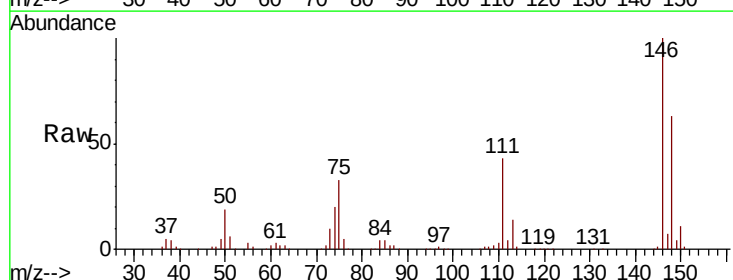
Instrument :
BNA_F
ClientSampleId :
ICVBF070220

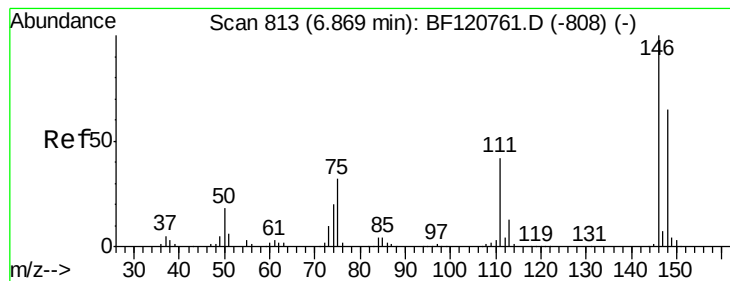
Tot Ion: 93 Resp: 377320
Ion Ratio Lower Upper
93 100
63 76.2 56.9 96.9
95 33.0 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 39.478 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Tgt Ion: 146 Resp: 412913
Ion Ratio Lower Upper
146 100
148 63.5 52.1 78.1
75 32.5 26.0 39.0





#13

1,4-Dichlorobenzene

Concen: 39.680 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

ICVBF070220

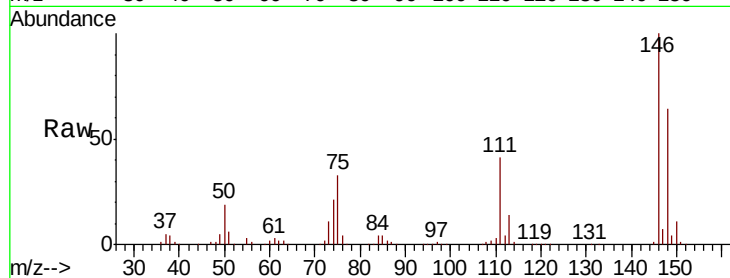
Tot Ion:146 Resp: 415681

Ion Ratio Lower Upper

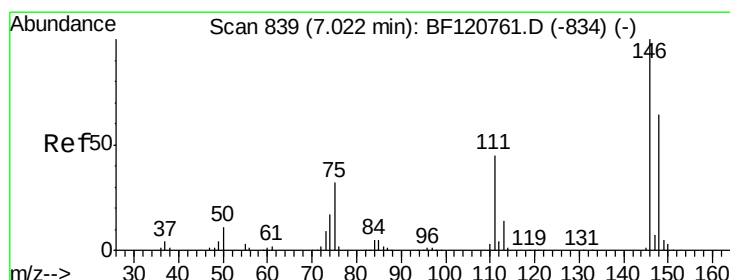
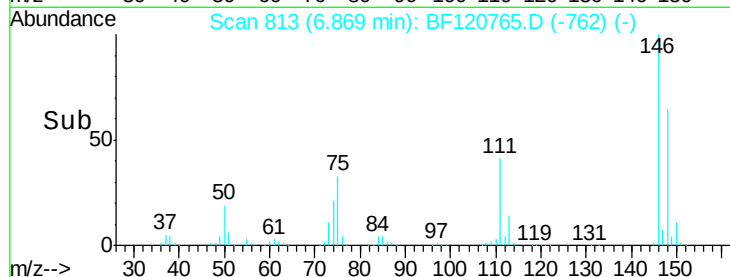
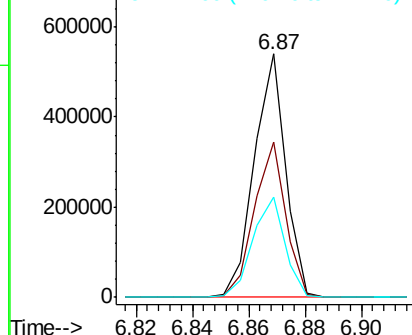
146 100

148 63.7 51.8 77.6

111 41.2 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: 39.570 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

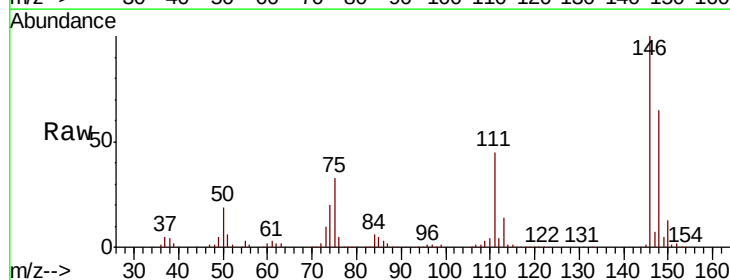
Tgt Ion:146 Resp: 394382

Ion Ratio Lower Upper

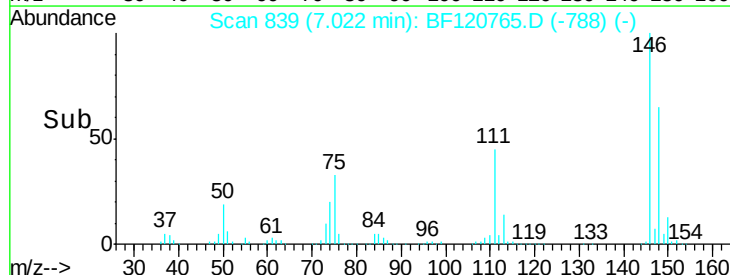
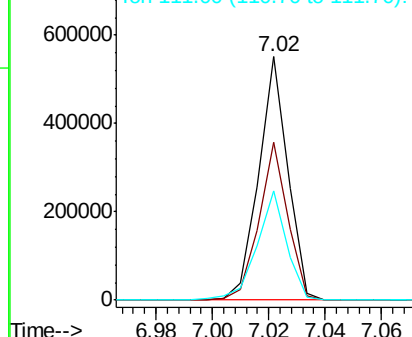
146 100

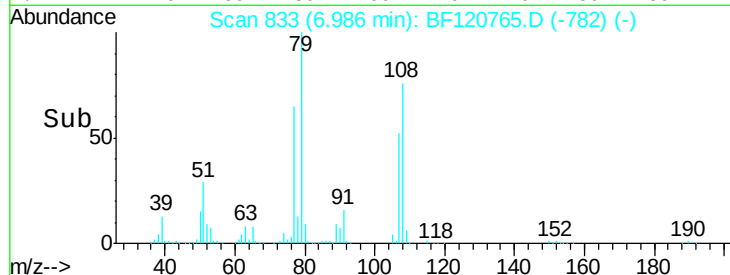
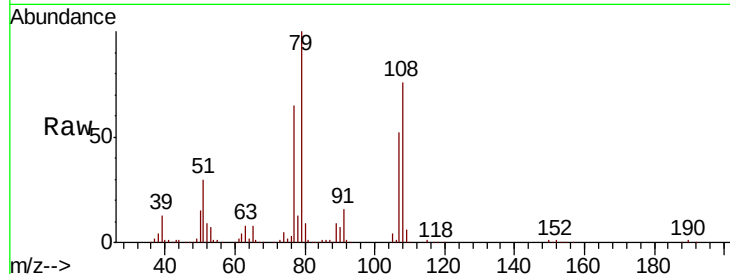
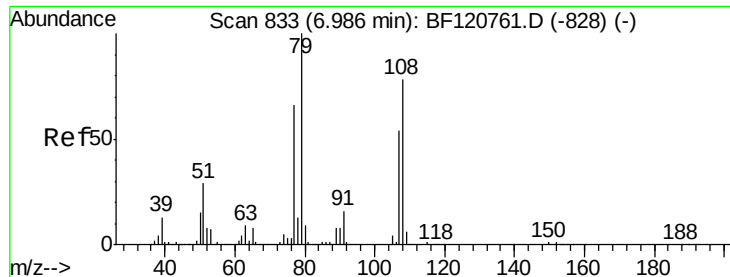
148 64.6 51.0 76.4

111 44.6 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: 39.930 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

ICVBF070220

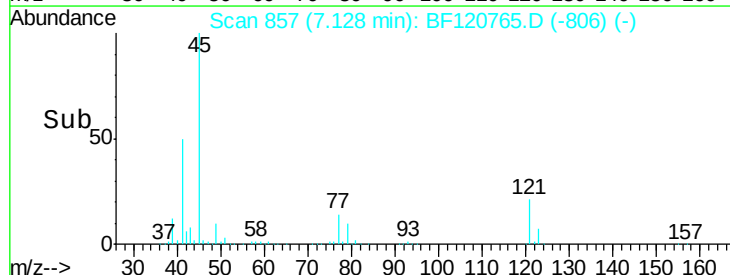
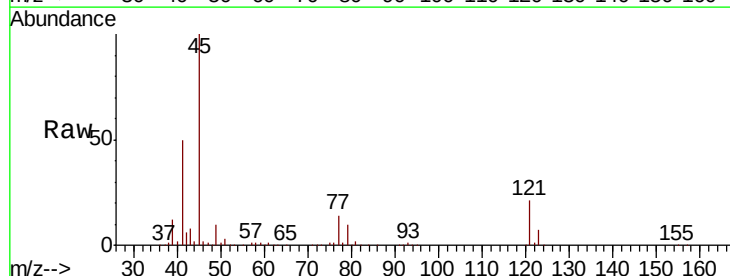
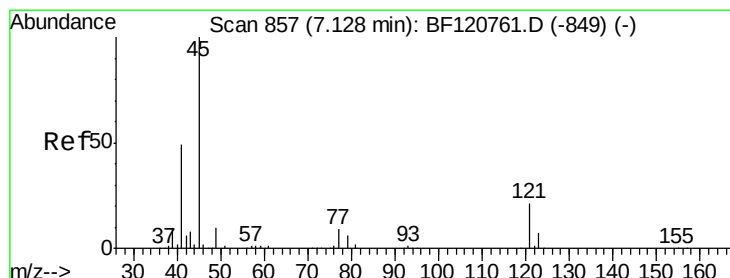
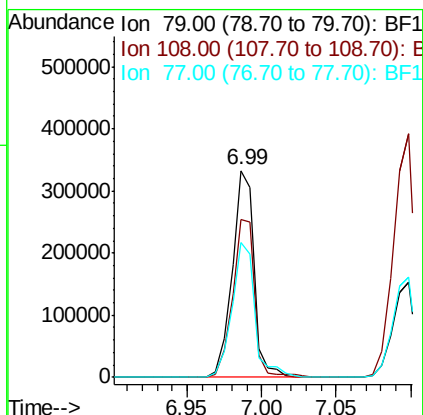
Tot Ion: 79 Resp: 341947

Ion Ratio Lower Upper

79 100

108 76.5 62.4 93.6

77 65.0 52.7 79.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.024 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

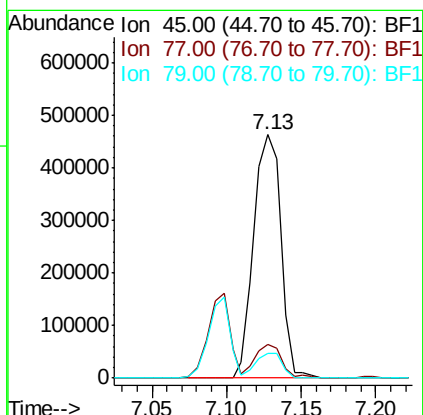
Tgt Ion: 45 Resp: 580766

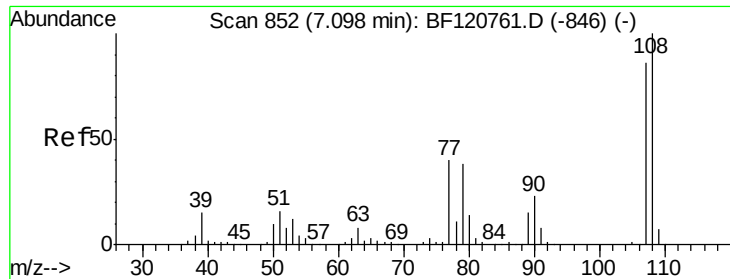
Ion Ratio Lower Upper

45 100

77 13.6 0.0 33.7

79 10.1 0.0 30.5

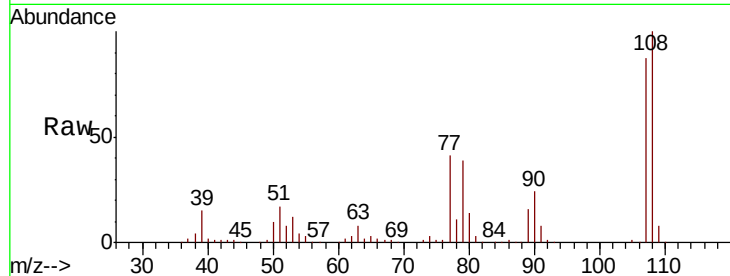




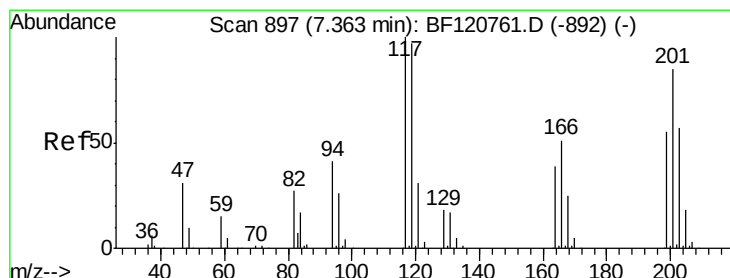
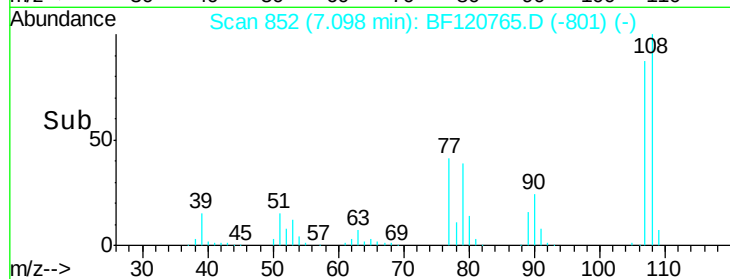
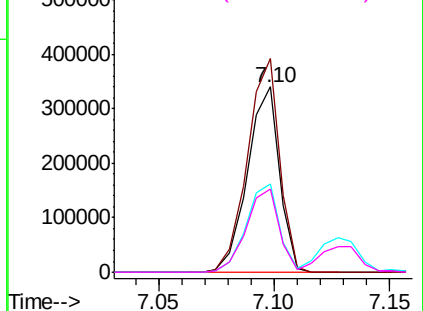
#17
2-Methylphenol
Concen: 38.824 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Instrument :
BNA_F
ClientSampleId :
ICVBF070220

Tot Ion:	107	Resp:	330035
Ion	Ratio	Lower	Upper
107	100		
108	115.4	93.1	139.7
77	47.5	37.3	55.9
79	45.3	35.3	52.9

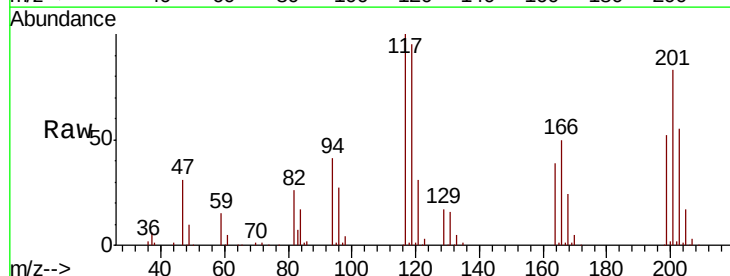


Abundance Ion 107.00 (106.70 to 107.70): E
600000 Ion 108.00 (107.70 to 108.70): E
500000 Ion 77.00 (76.70 to 77.70): BF1
400000 Ion 79.00 (78.70 to 79.70): BF1
300000
200000
100000
0

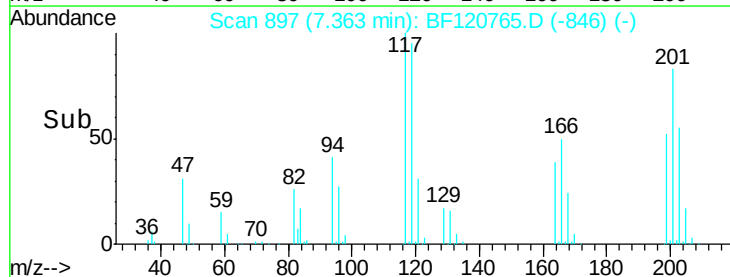
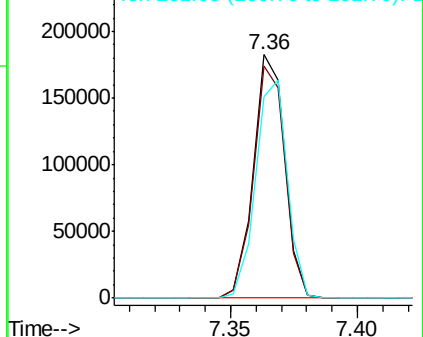


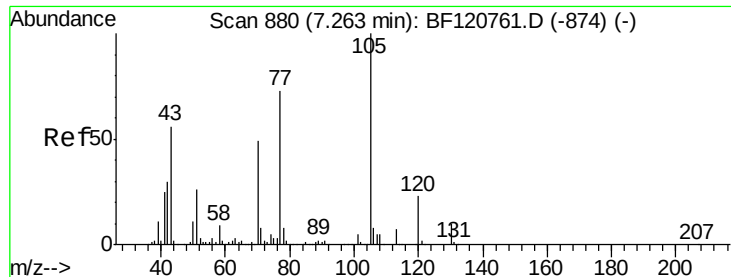
#18
Hexachloroethane
Concen: 40.229 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Tgt Ion:	117	Resp:	158400
Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.9	116.9
201	82.9	68.3	102.5



Abundance Ion 117.00 (116.70 to 117.70): E
250000 Ion 119.00 (118.70 to 119.70): E
200000 Ion 201.00 (200.70 to 201.70): E
150000
100000
50000
0

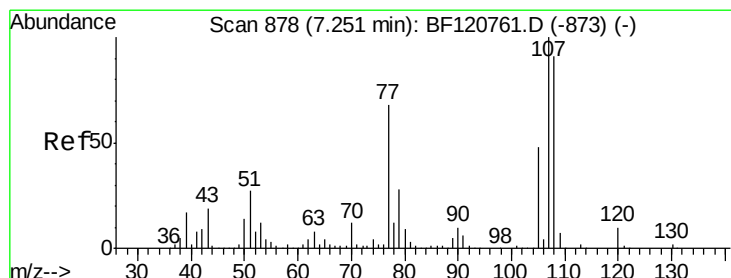
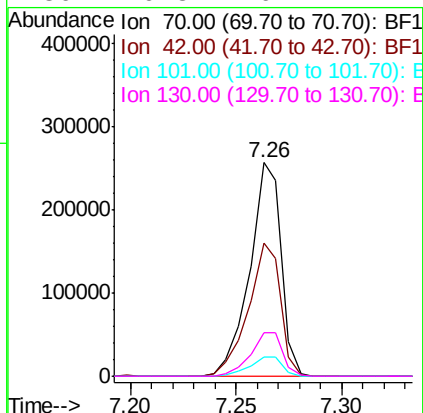
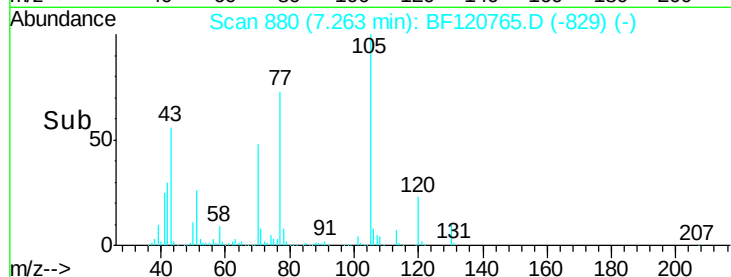
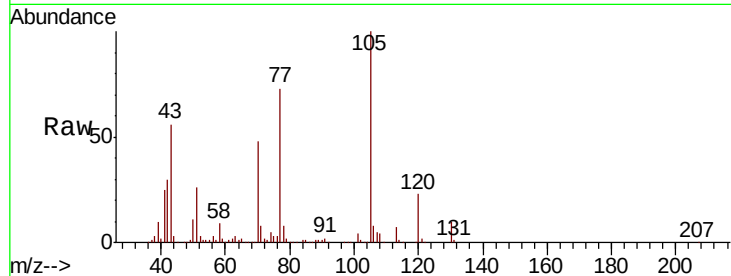




#19
n-Nitroso-di-n-propylamine
Concen: 38.661 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

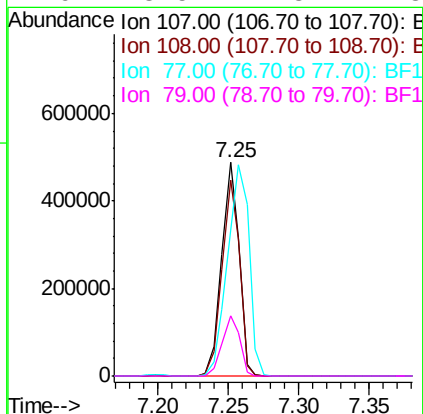
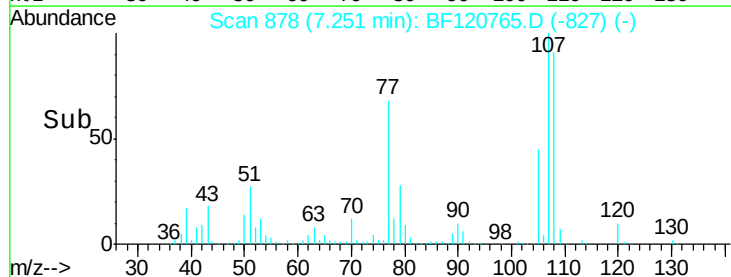
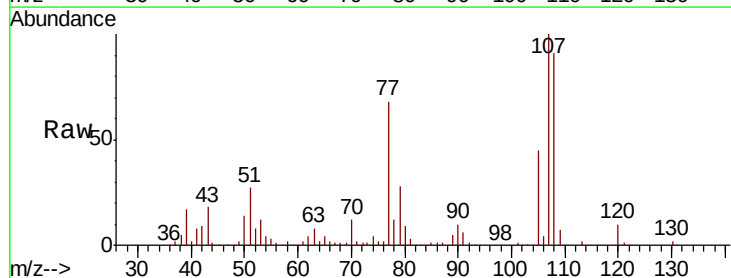
Instrument :
BNA_F
ClientSampleId :
ICVBF070220

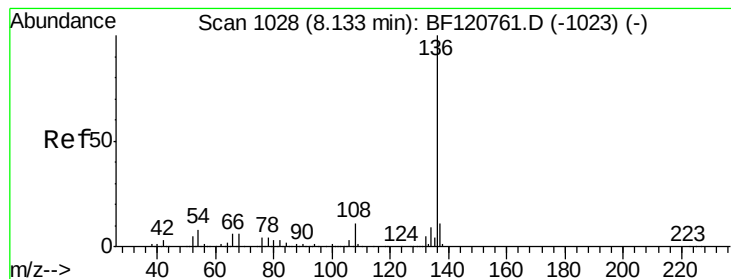
Tot Ion: 70 Resp: 265326
Ion Ratio Lower Upper
70 100
42 62.1 50.3 75.5
101 9.2 7.5 11.3
130 20.3 16.1 24.1



#20
3+4-Methylphenols
Concen: 40.026 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Tgt Ion: 107 Resp: 419071
Ion Ratio Lower Upper
107 100
108 91.5 70.9 110.9
77 68.1 48.3 88.3
79 28.5 7.8 47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

ICVBF070220

Tot Ion:136 Resp: 497364

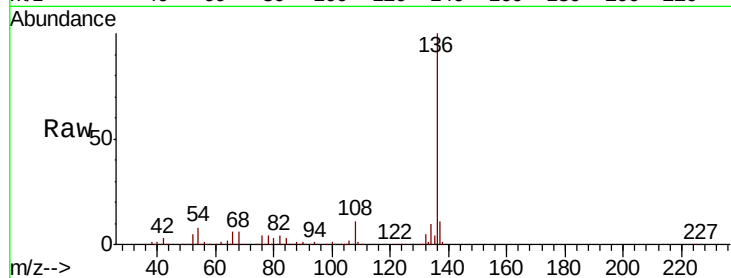
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 8.3 6.2 9.4

68 5.9 4.7 7.1

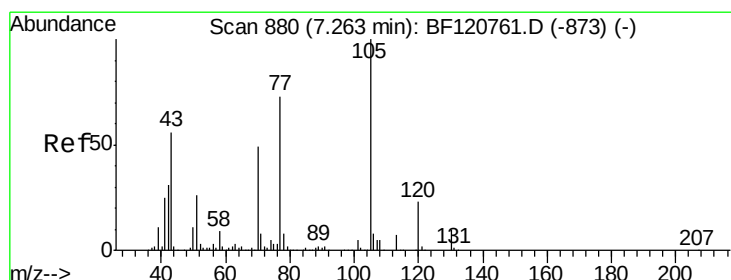
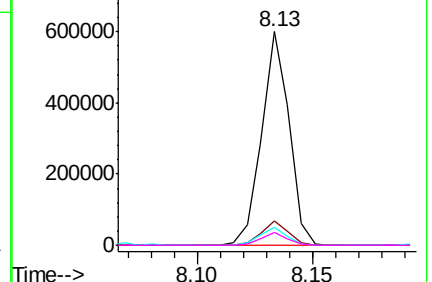
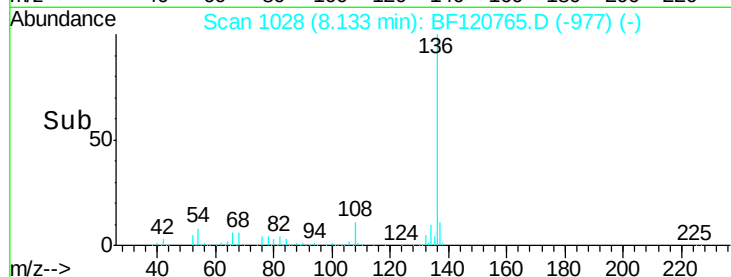


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.762 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Tgt Ion:105 Resp: 503929

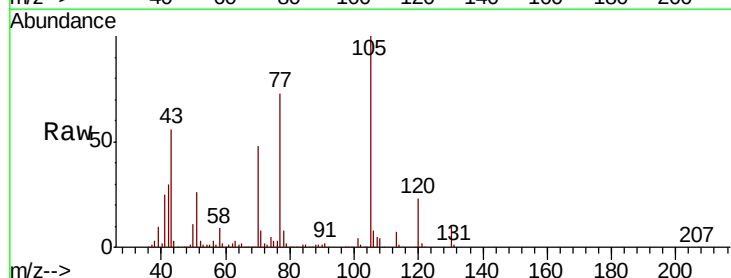
Ion Ratio Lower Upper

105 100

71 7.8 6.5 9.7

51 26.2 21.0 31.4

120 22.9 18.6 28.0

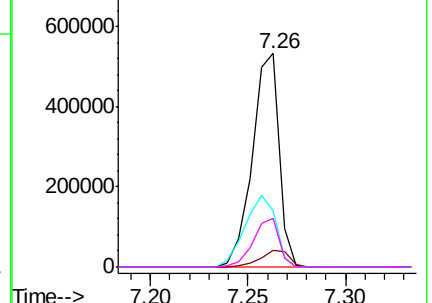
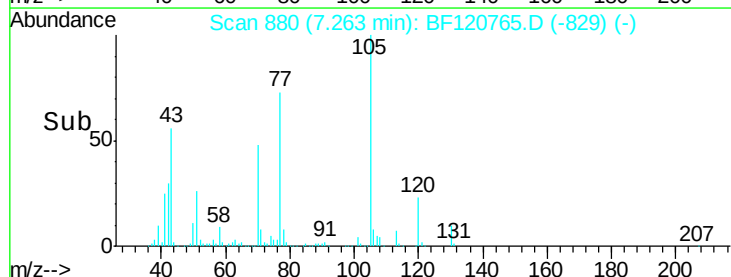


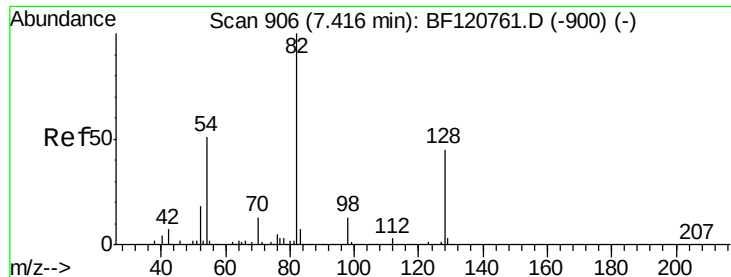
Abundance Ion 105.00 (104.70 to 105.70): E

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: 87.173 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

ICVBF070220

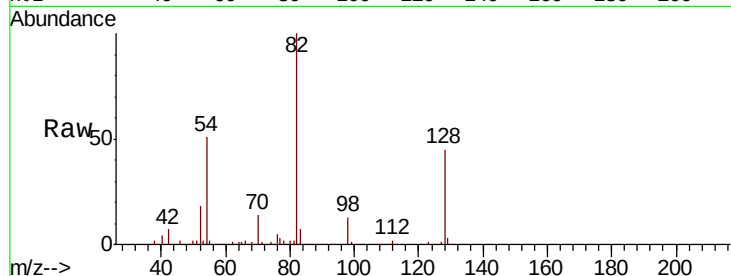
Tot Ion: 82 Resp: 748331

Ion Ratio Lower Upper

82 100

128 44.6 35.7 53.5

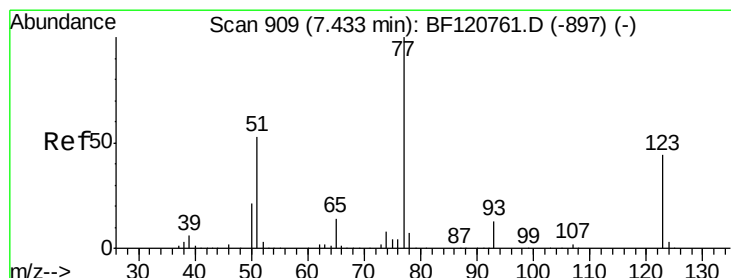
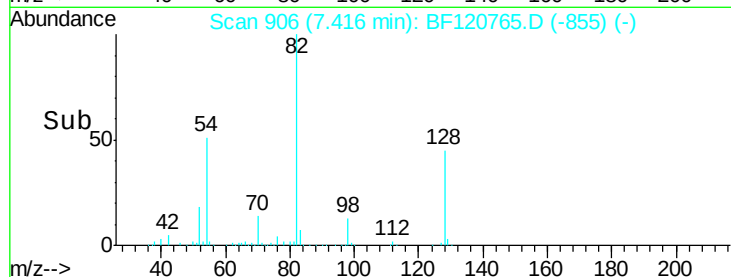
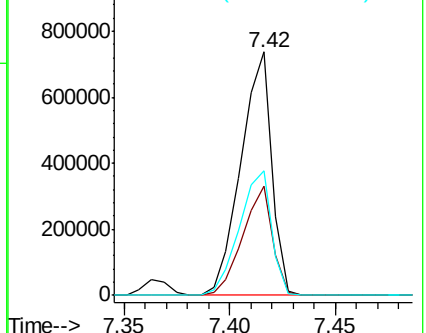
54 51.4 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 42.441 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

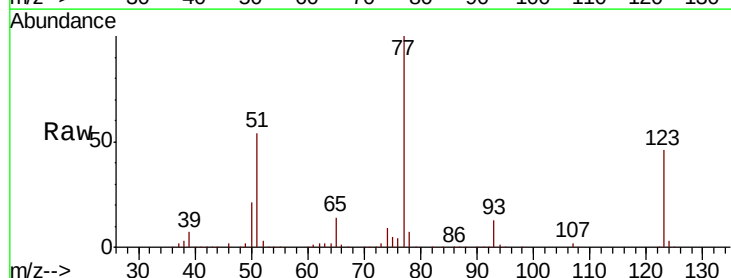
Tgt Ion: 77 Resp: 409072

Ion Ratio Lower Upper

77 100

123 46.3 36.1 54.1

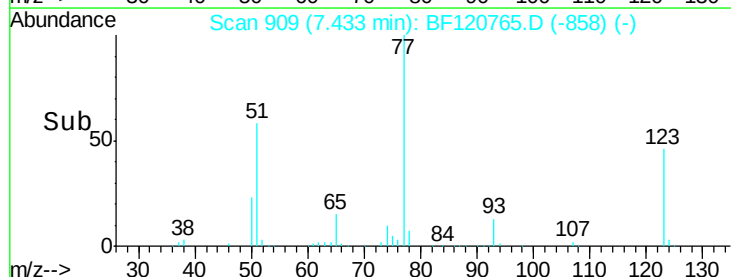
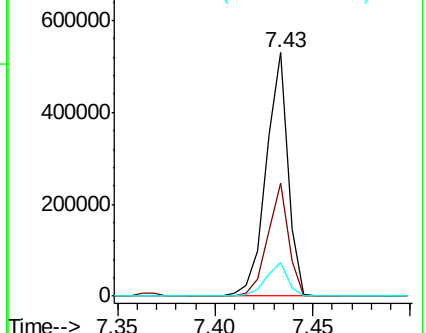
65 13.7 11.0 16.4

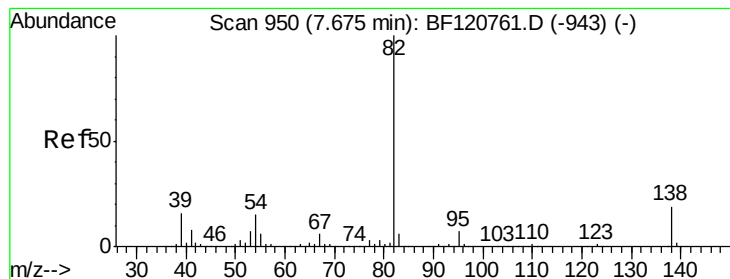


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.914 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

ICVBF070220

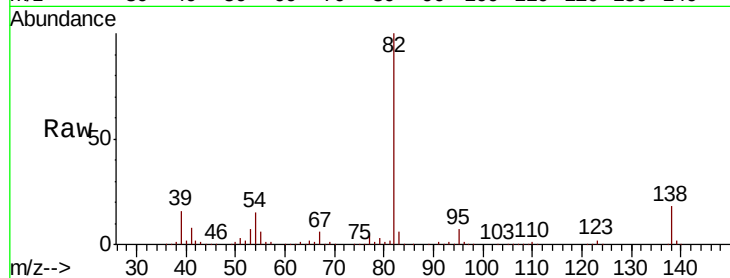
Tot Ion: 82 Resp: 738932

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

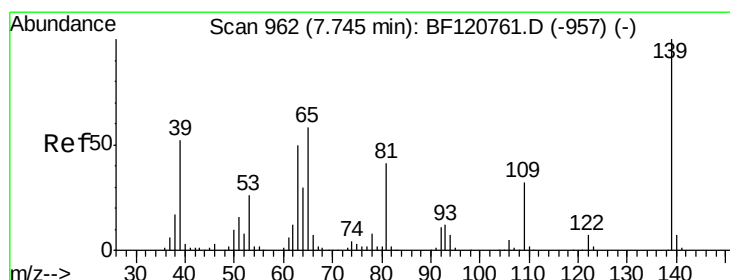
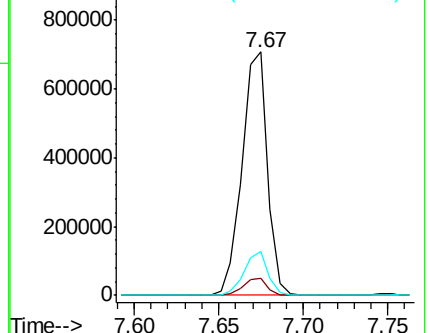
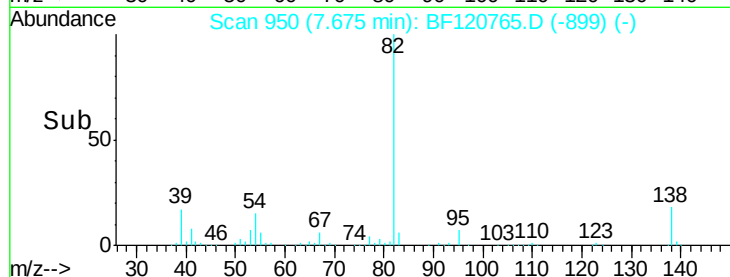
138 18.2 15.0 22.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.749 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

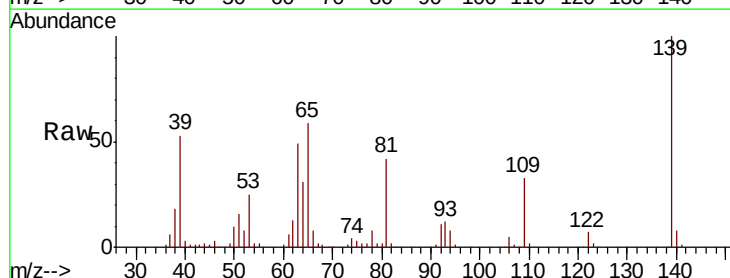
Tgt Ion: 139 Resp: 166886

Ion Ratio Lower Upper

139 100

109 33.3 25.3 37.9

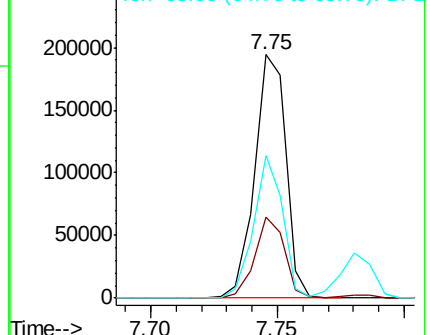
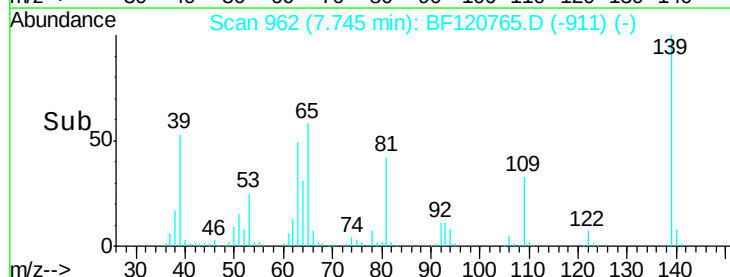
65 58.7 46.2 69.2

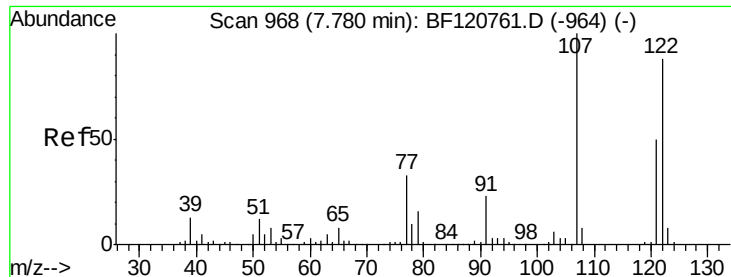


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

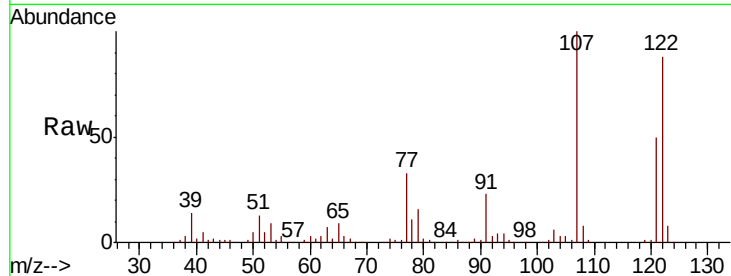




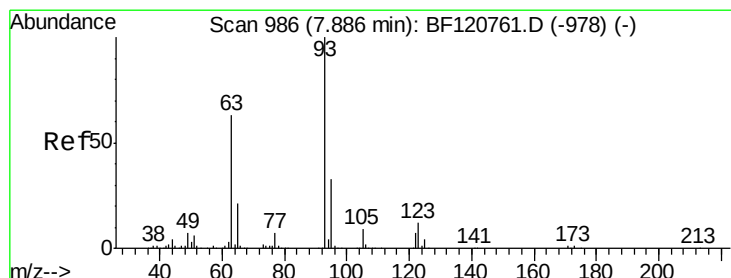
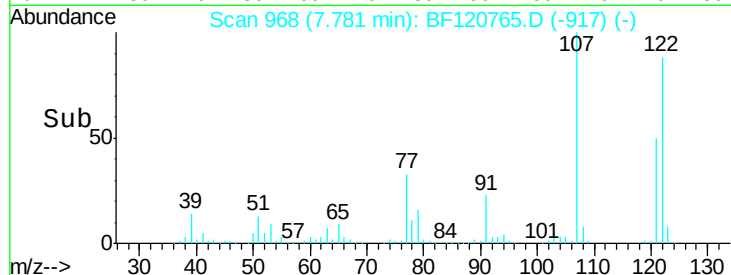
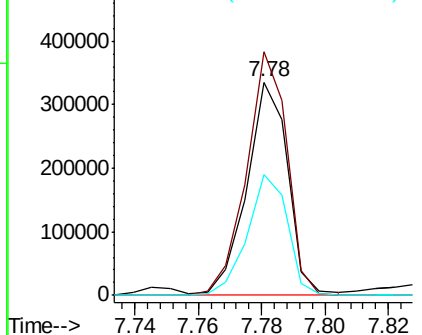
#27
2,4-Dimethylphenol
Concen: 40.756 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Instrument :
BNA_F
ClientSampleId :
ICVBF070220

Tot Ion:122 Resp: 301194
Ion Ratio Lower Upper
122 100
107 114.2 90.7 136.1
121 56.7 45.4 68.0

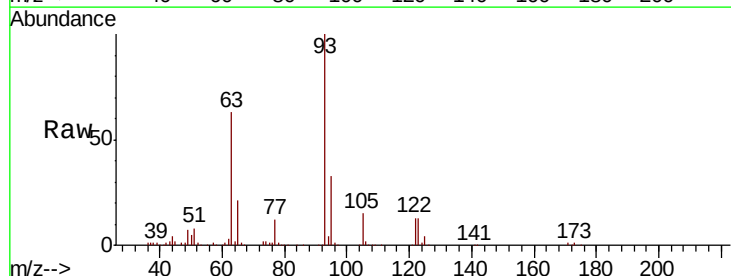


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

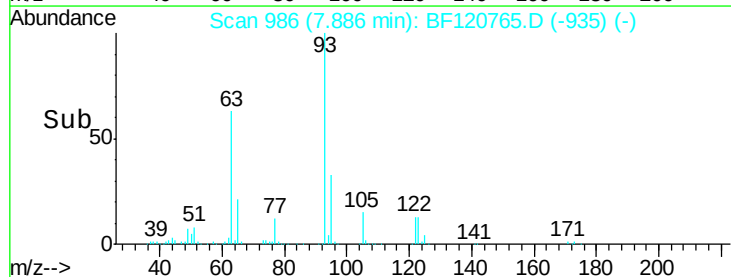
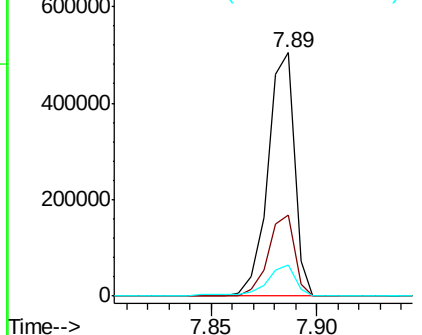


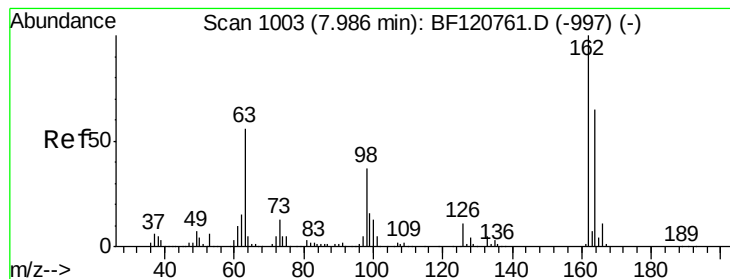
#28
bis(2-Chloroethoxy)methane
Concen: 40.208 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Tgt Ion: 93 Resp: 440551
Ion Ratio Lower Upper
93 100
95 33.1 26.4 39.6
123 12.5 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: 40.806 ng

RT: 7.99 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

ICVBF070220

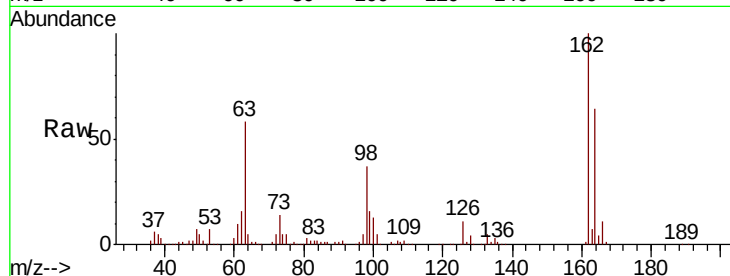
Tot Ion:162 Resp: 301057

Ion Ratio Lower Upper

162 100

164 64.1 45.2 85.2

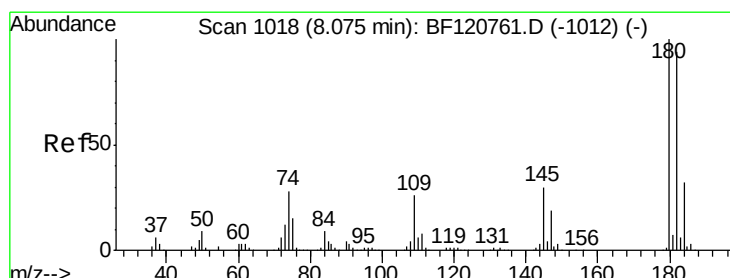
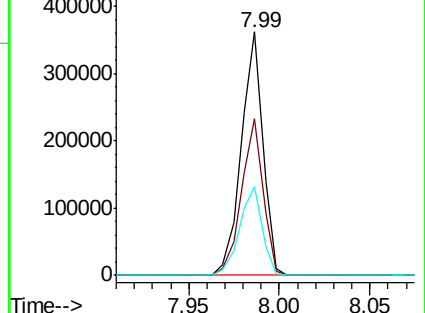
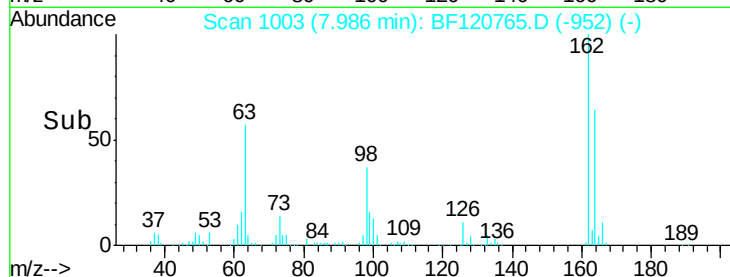
98 36.6 17.0 57.0



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: 40.730 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

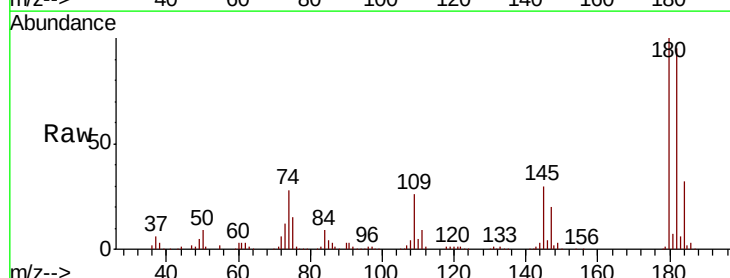
Tgt Ion:180 Resp: 337509

Ion Ratio Lower Upper

180 100

182 95.2 75.5 113.3

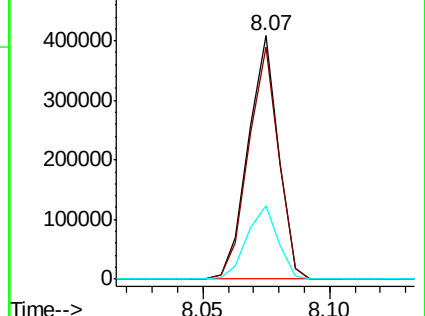
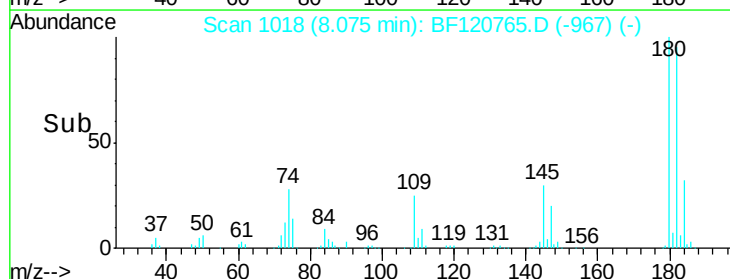
145 29.9 24.1 36.1

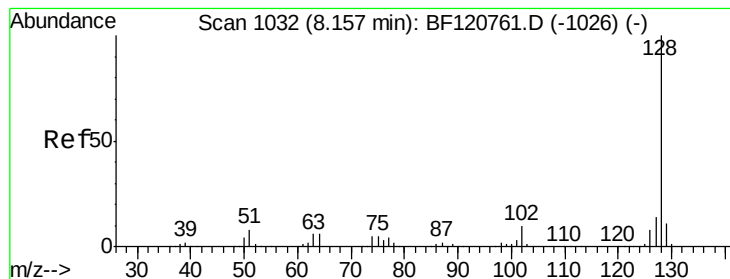


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.762 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

ICVBF070220

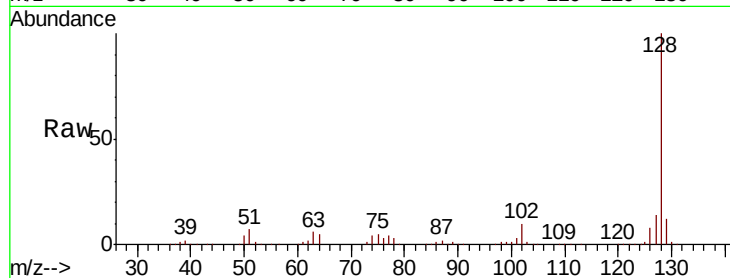
Tot Ion:128 Resp: 1083468

Ion Ratio Lower Upper

128 100

129 11.6 9.2 13.8

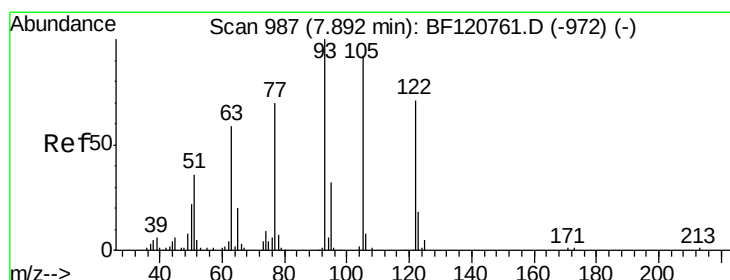
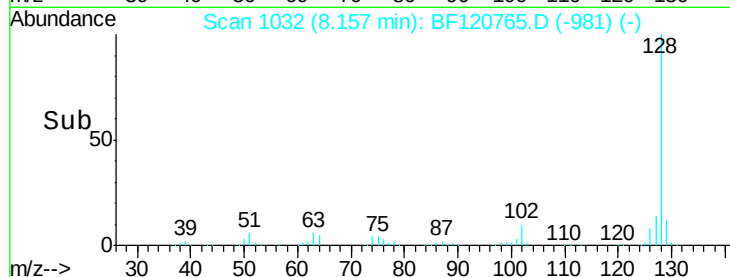
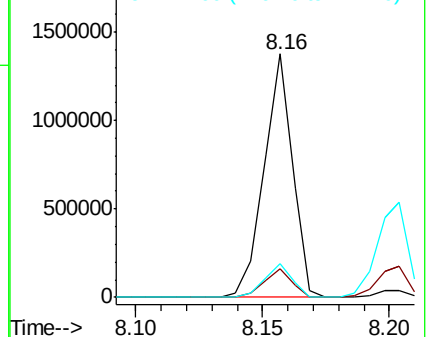
127 13.8 11.1 16.7



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: 42.139 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

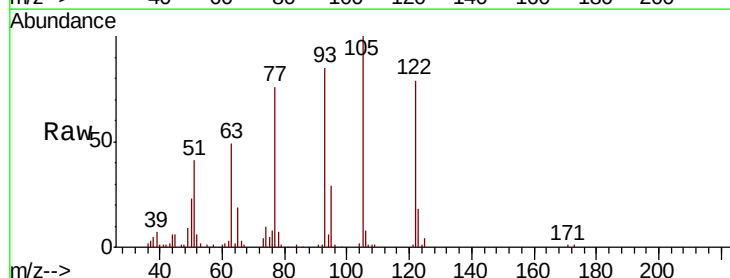
Tgt Ion:122 Resp: 217245

Ion Ratio Lower Upper

122 100

105 126.7 105.8 145.8

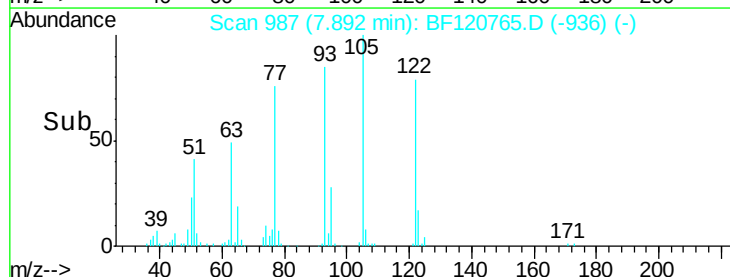
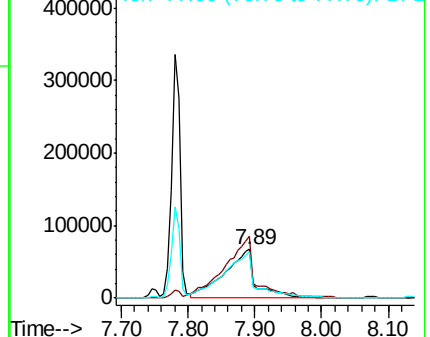
77 95.9 77.3 117.3

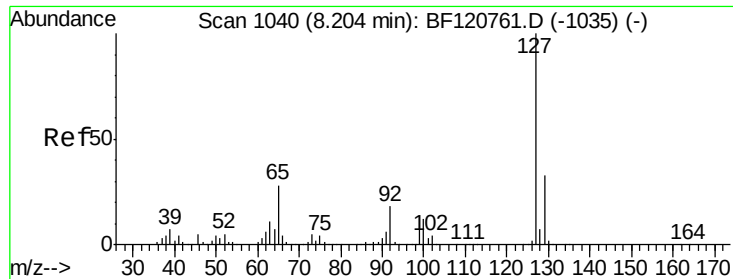


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

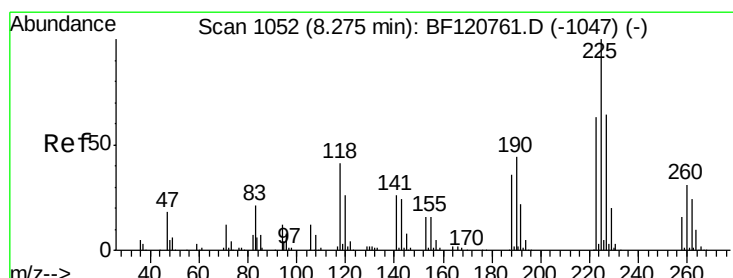
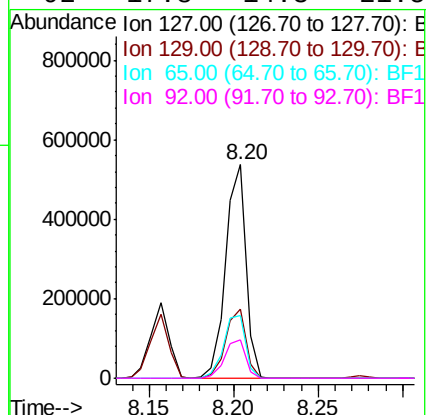
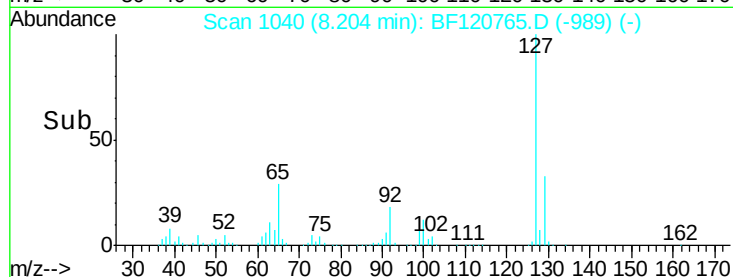
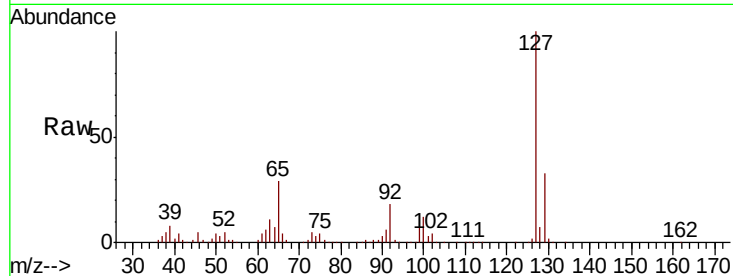




#33
4-Chloroaniline
Concen: 40.019 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

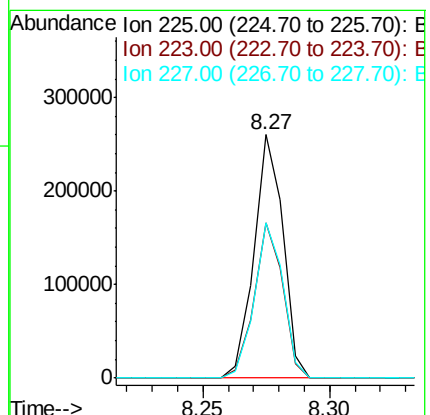
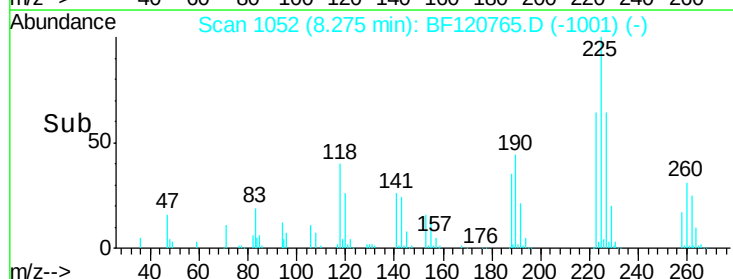
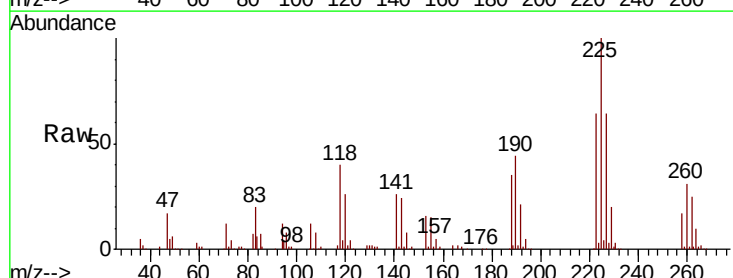
Instrument :
BNA_F
ClientSampleId :
ICVBF070220

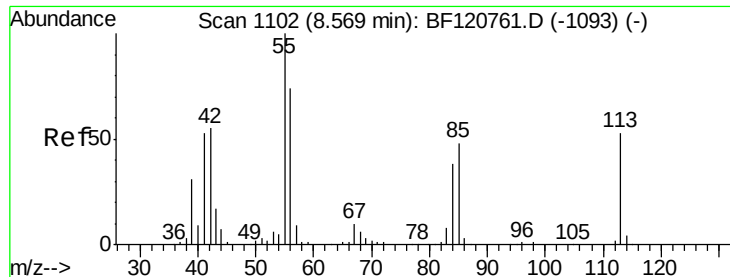
Tot Ion:	127	Resp:	451383
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	39.8
65	29.2	22.7	34.1
92	17.8	14.3	21.5



#34
Hexachlorobutadiene
Concen: 41.638 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Tgt Ion:	225	Resp:	207515
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.6	76.0
227	63.8	51.4	77.2

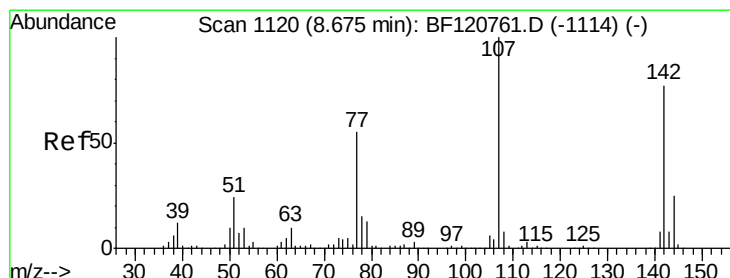
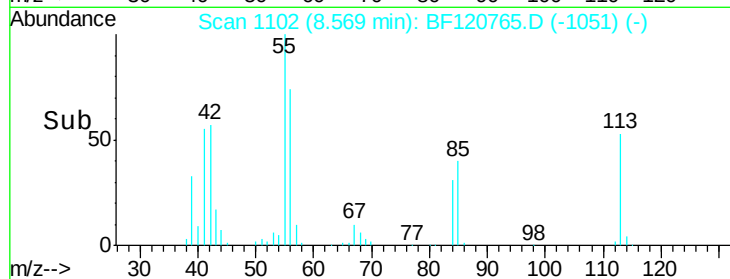
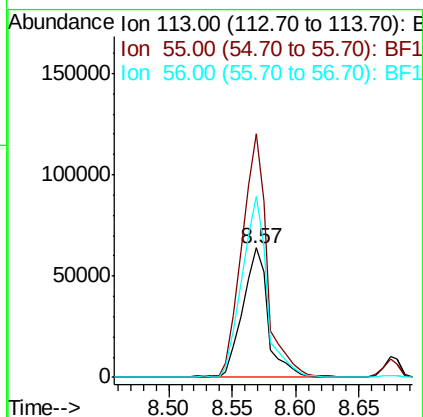
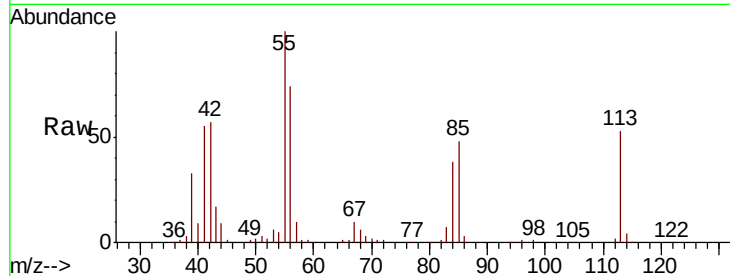




#35
 Caprolactam
 Concen: 40.992 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BF120765.D
 Acq: 2 Jul 2020 18:27

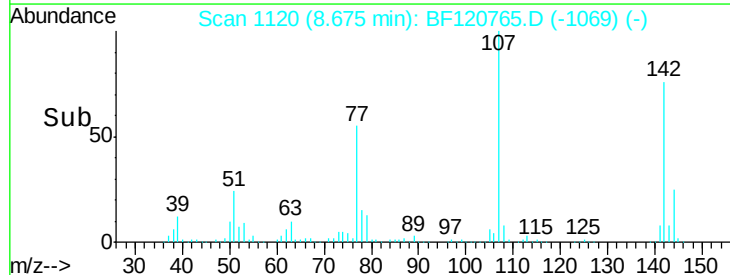
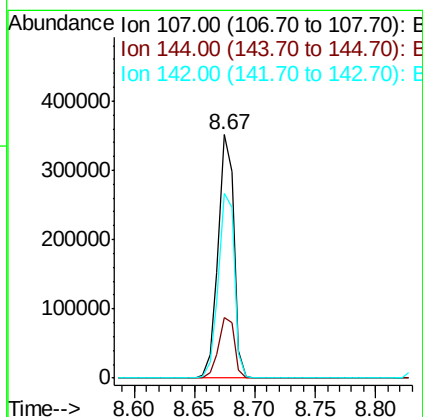
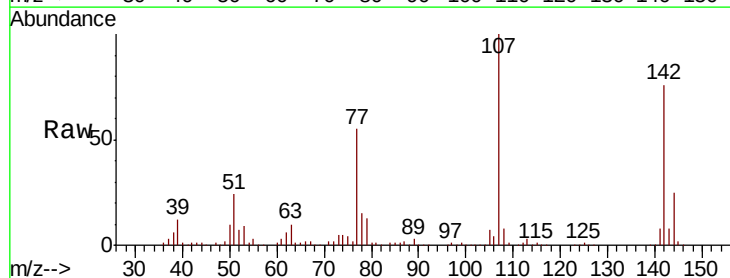
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF070220

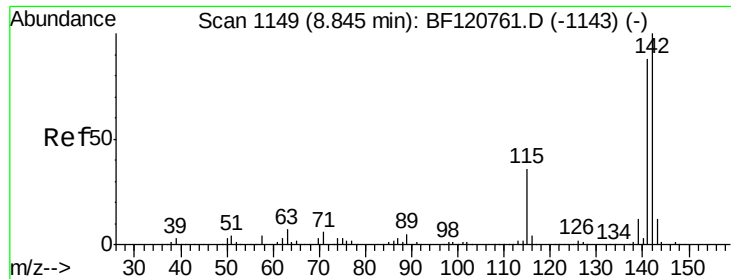
Tot Ion:113 Resp: 88122
 Ion Ratio Lower Upper
 113 100
 55 188.5 168.3 208.3
 56 140.3 118.8 158.8



#36
 4-Chloro-3-methylphenol
 Concen: 40.820 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. 0.00 min
 Lab File: BF120765.D
 Acq: 2 Jul 2020 18:27

Tgt Ion:107 Resp: 313271
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.7 29.5
 142 76.1 61.2 91.8

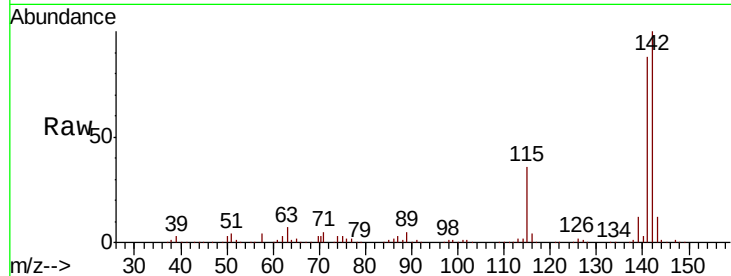




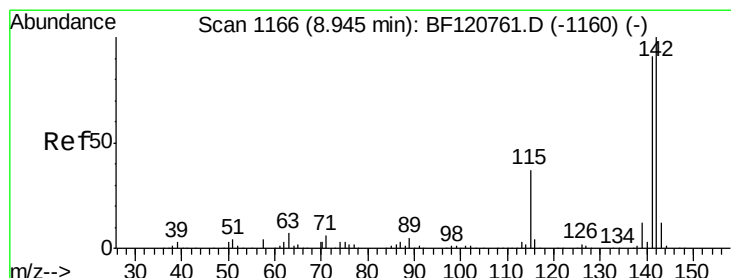
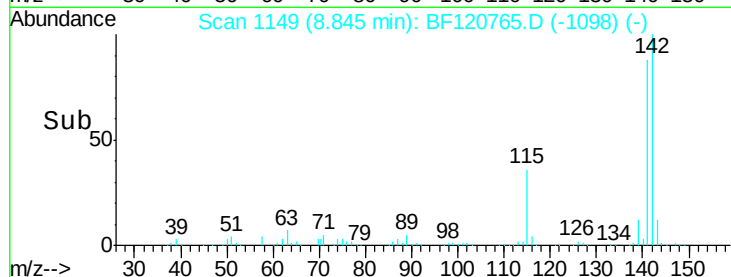
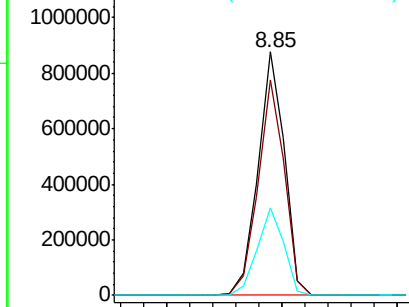
#37
2-Methylnaphthalene
Concen: 40.469 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Instrument :
BNA_F
ClientSampleId :
ICVBF070220

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.2	105.4
115	36.2	29.0	43.4

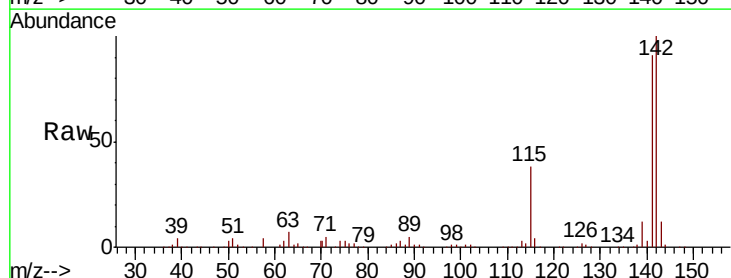


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

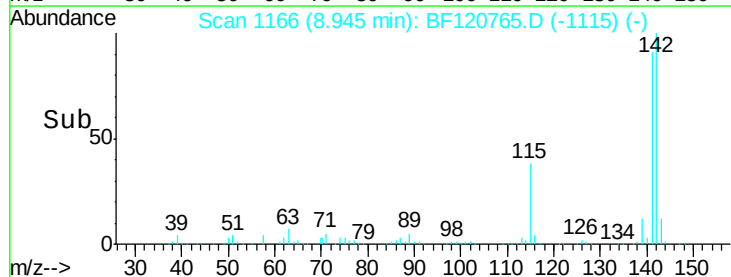
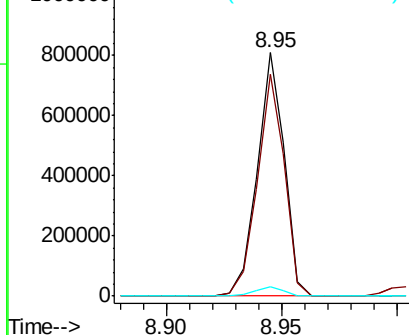


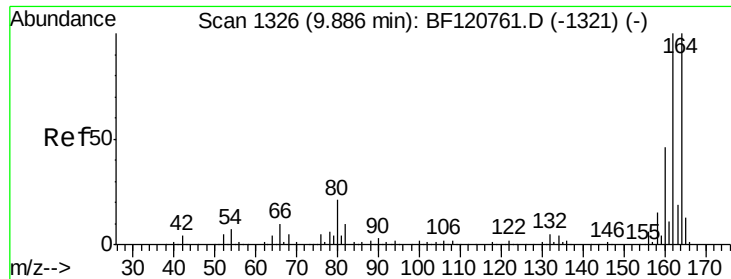
#38
1-Methylnaphthalene
Concen: 40.519 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.5	108.7
116	3.9	3.1	4.7



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

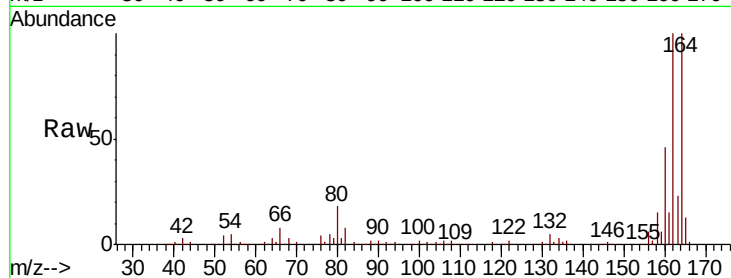




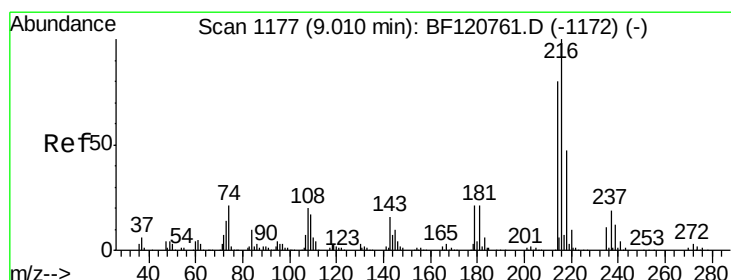
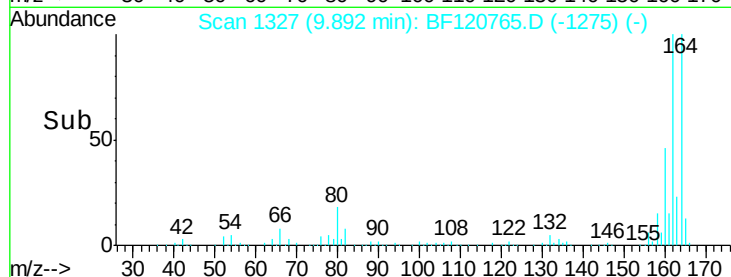
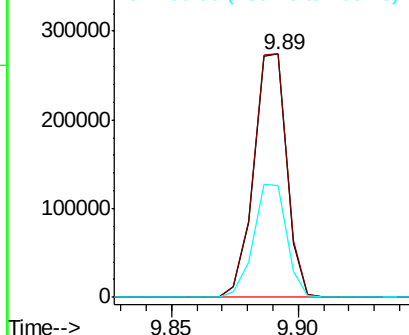
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Instrument :
BNA_F
ClientSampleId :
ICVBF070220

Tot Ion:164 Resp: 249365
Ion Ratio Lower Upper
164 100
162 100.1 80.2 120.2
160 46.1 36.9 55.3

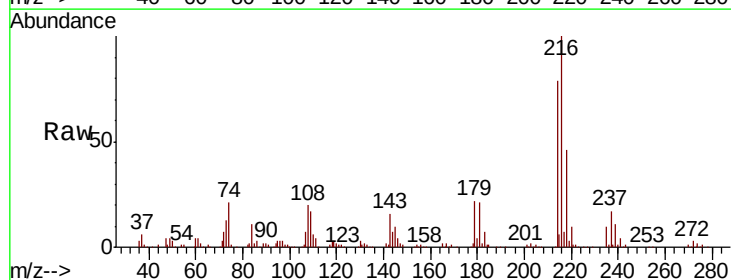


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

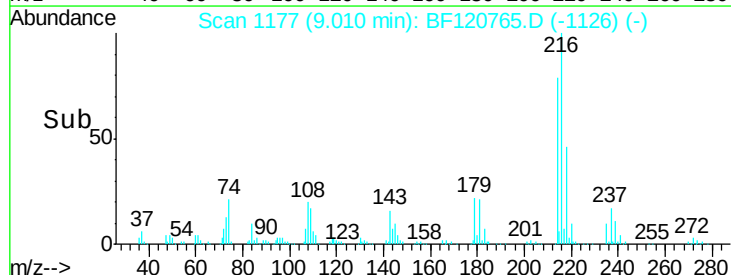
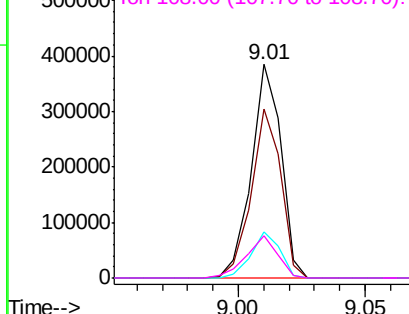


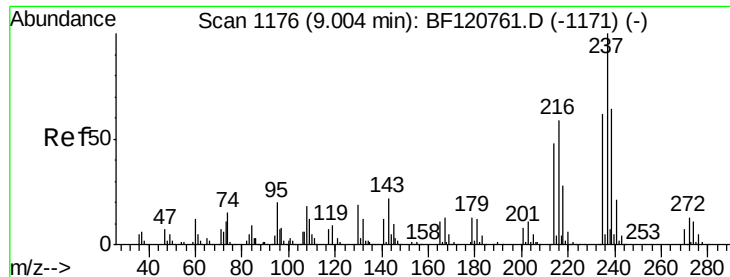
#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.768 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Tgt Ion:216 Resp: 314782
Ion Ratio Lower Upper
216 100
214 78.8 63.7 95.5
179 21.2 16.7 25.1
108 21.2 17.0 25.4



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 42.543 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

ICVBF070220

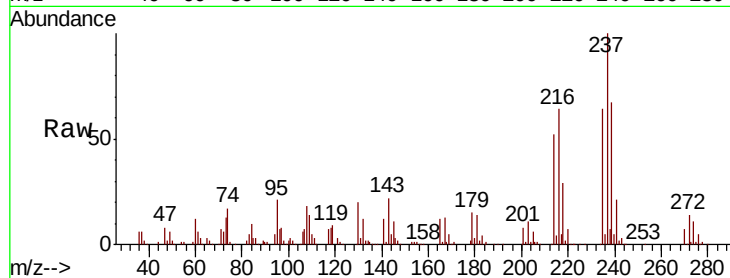
Tot Ion:237 Resp: 189436

Ion Ratio Lower Upper

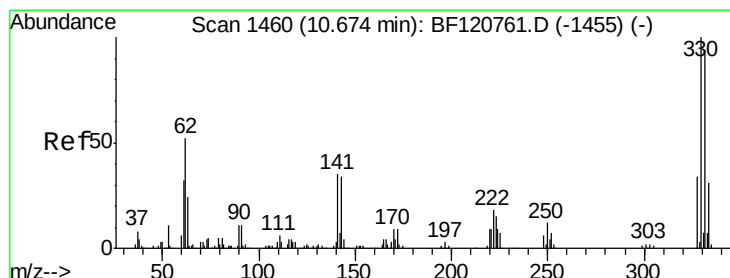
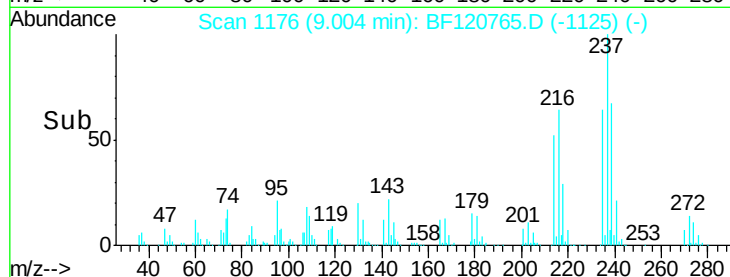
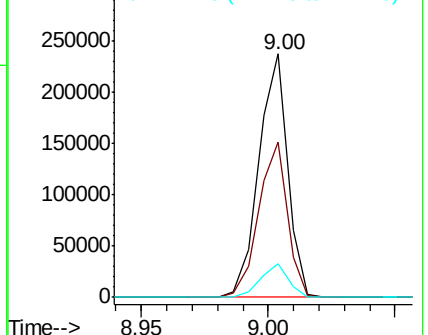
237 100

235 63.6 42.1 82.1

272 13.8 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: 86.758 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

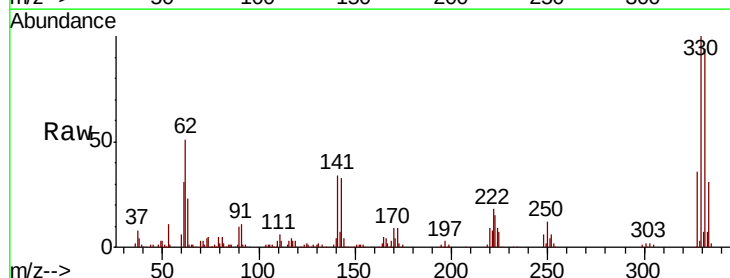
Tgt Ion:330 Resp: 217349

Ion Ratio Lower Upper

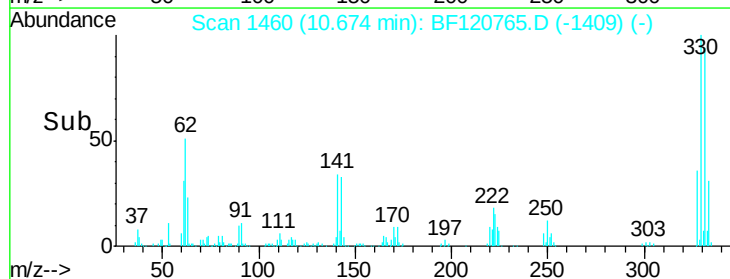
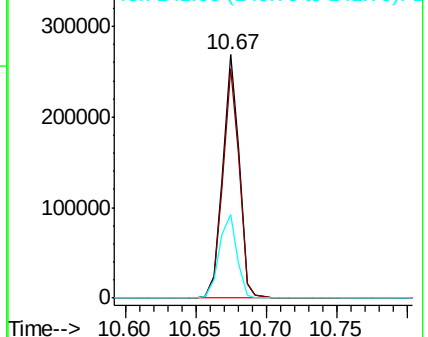
330 100

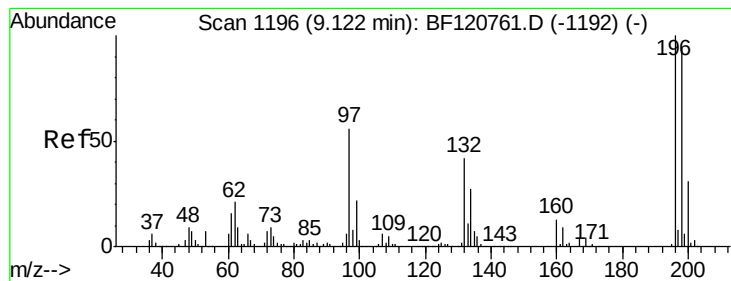
332 94.3 75.8 113.6

141 37.3 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: 41.660 ng

RT: 9.12 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

ICVBF070220

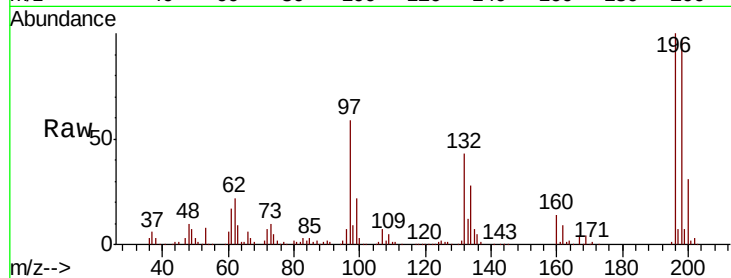
Tot Ion:196 Resp: 213943

Ion Ratio Lower Upper

196 100

198 96.8 75.3 112.9

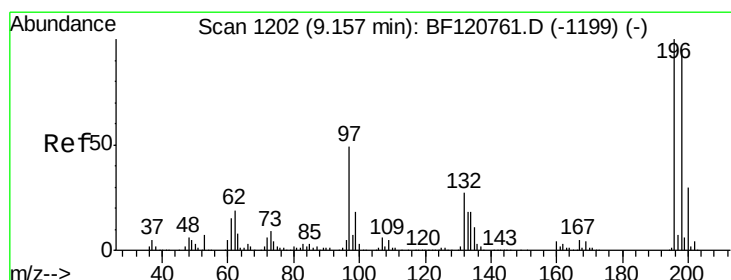
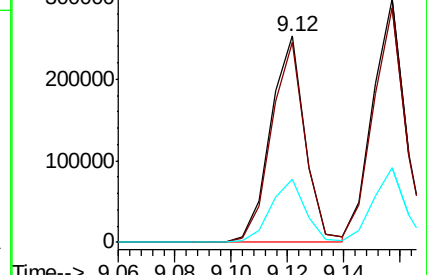
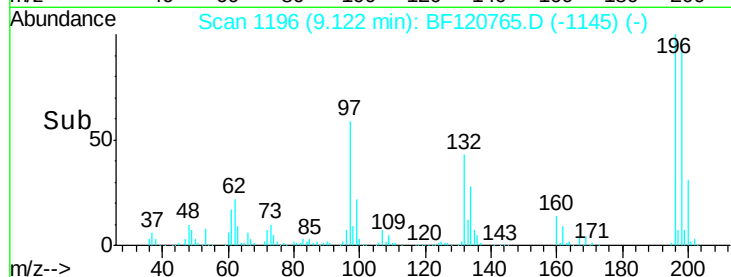
200 30.8 24.4 36.6



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: 41.435 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Tgt Ion:196 Resp: 236145

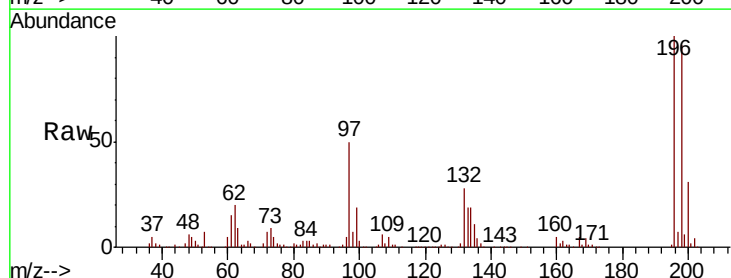
Ion Ratio Lower Upper

196 100

198 96.4 76.2 114.2

97 50.1 39.6 59.4

132 28.3 22.0 33.0

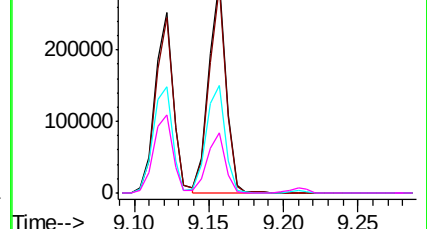
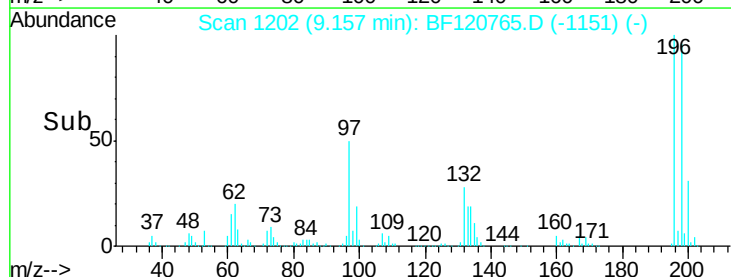


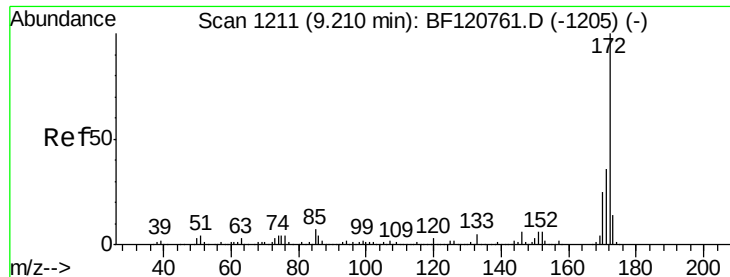
Abundance Ion 196.00 (195.70 to 196.70): E

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

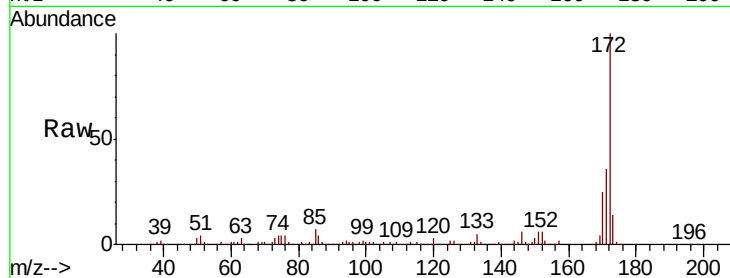




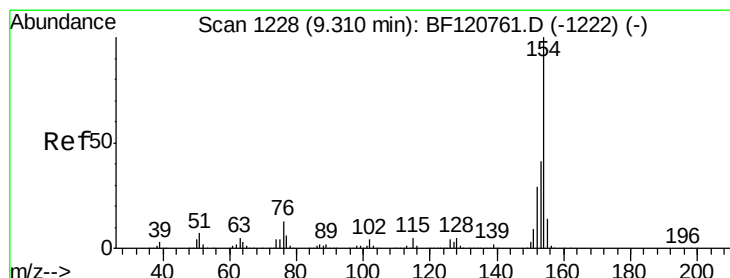
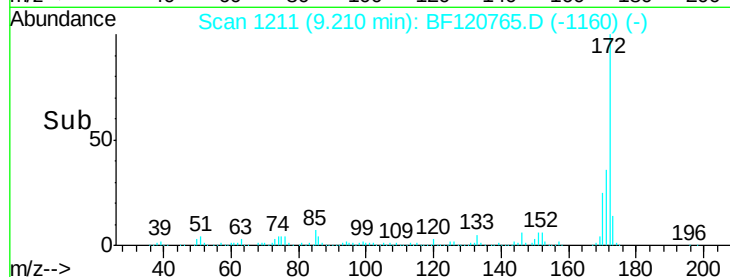
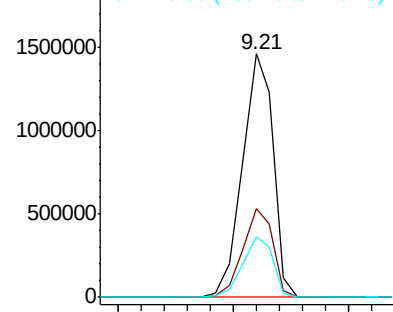
#45
2-Fluorobiphenyl
Concen: 81.992 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Instrument :
BNA_F
ClientSampleId :
ICVBF070220

Tot Ion:172 Resp: 1351398
Ion Ratio Lower Upper
172 100
171 36.2 29.1 43.7
170 24.8 19.8 29.6

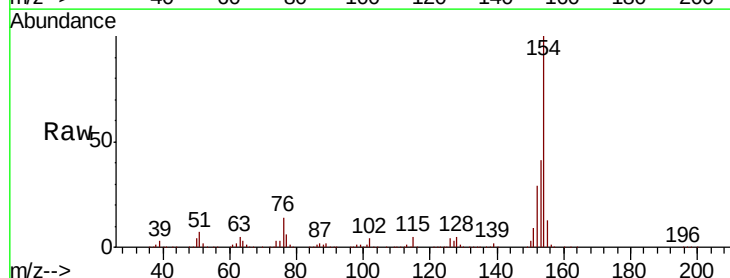


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

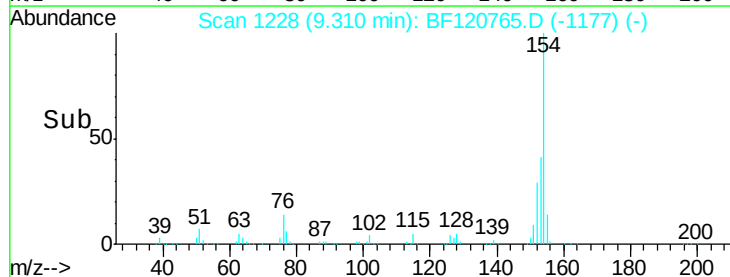
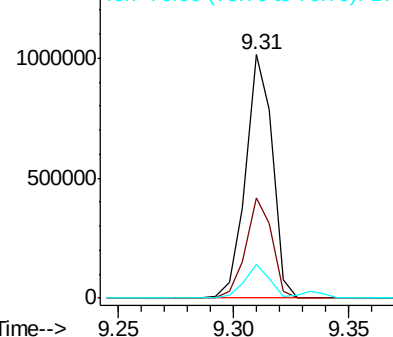


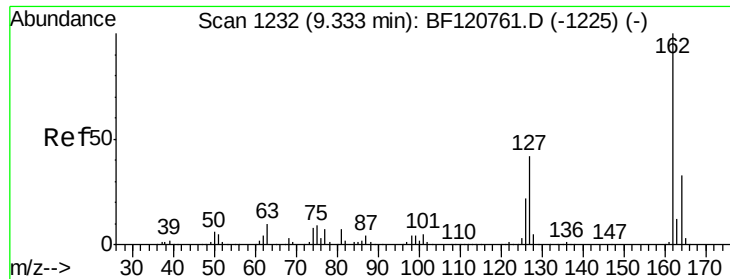
#46
1,1'-Biphenyl
Concen: 40.723 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Tgt Ion:154 Resp: 819131
Ion Ratio Lower Upper
154 100
153 41.1 20.7 60.7
76 13.7 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

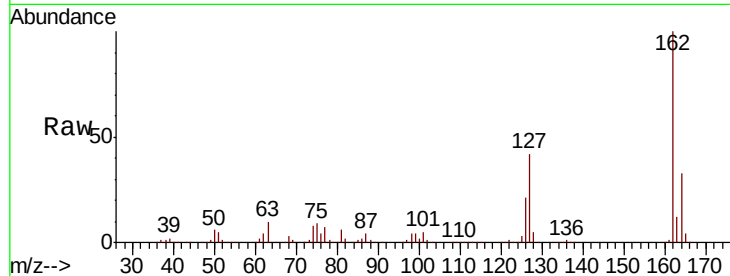




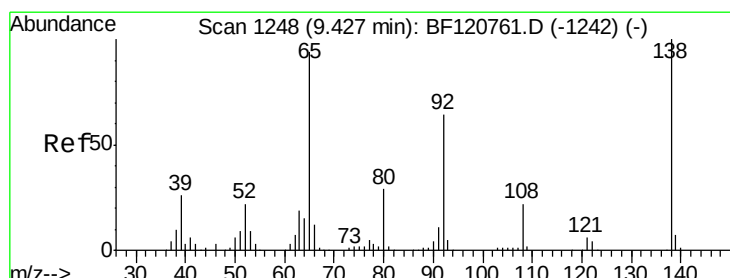
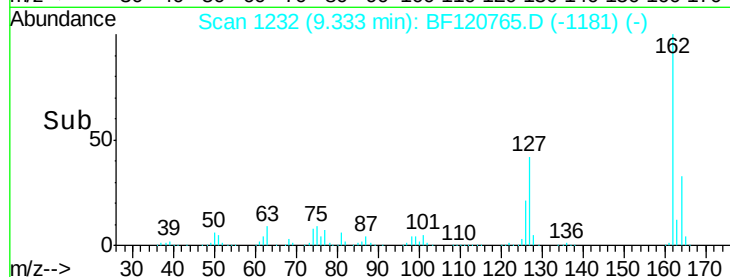
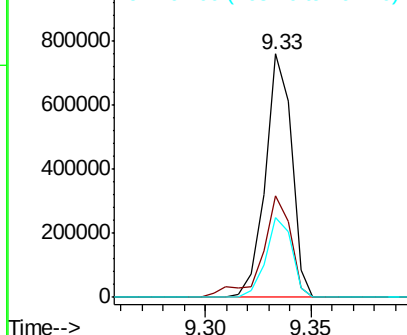
#47
 2-Chloronaphthalene
 Concen: 40.765 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF120765.D
 Acq: 2 Jul 2020 18:27

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF070220

Tot Ion:162 Resp: 656898
 Ion Ratio Lower Upper
 162 100
 127 41.8 33.7 50.5
 164 33.0 26.4 39.6

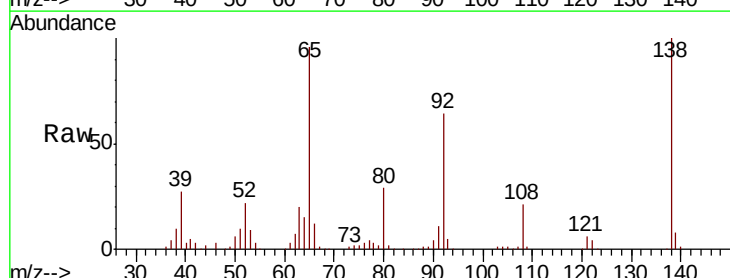


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

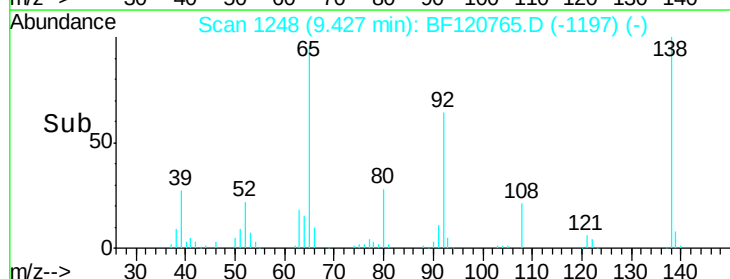
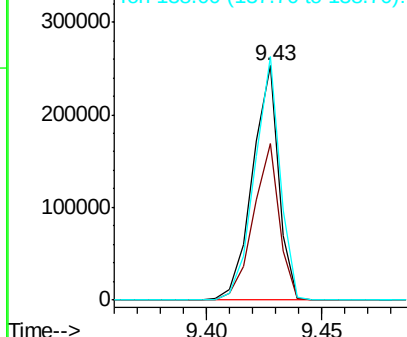


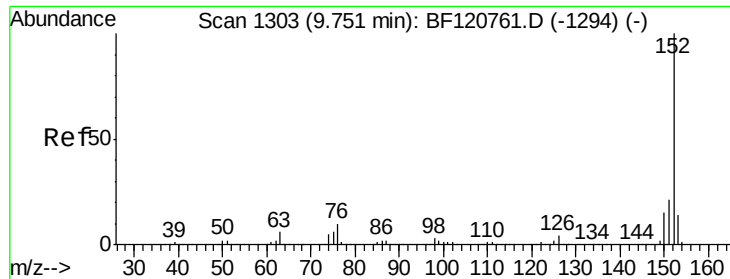
#48
 2-Nitroaniline
 Concen: 42.027 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF120765.D
 Acq: 2 Jul 2020 18:27

Tgt Ion: 65 Resp: 201119
 Ion Ratio Lower Upper
 65 100
 92 66.6 54.4 81.6
 138 103.9 84.7 127.1



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.743 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

ICVBF070220

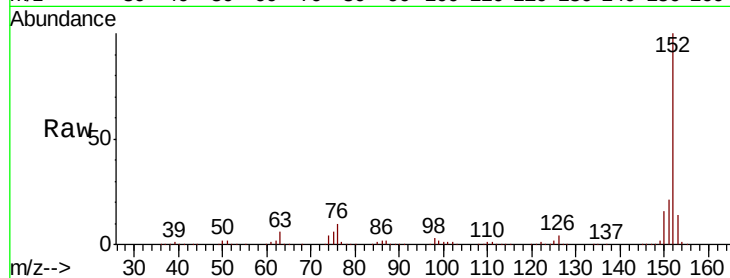
Tot Ion:152 Resp: 1004068

Ion Ratio Lower Upper

152 100

151 21.2 16.9 25.3

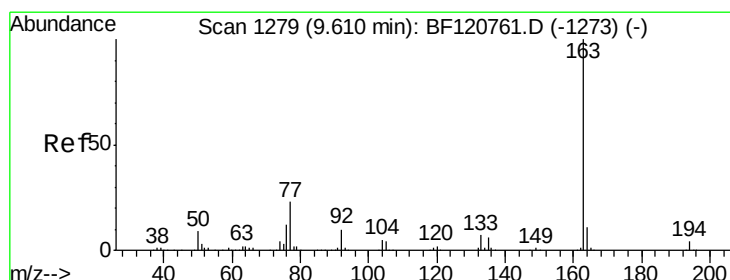
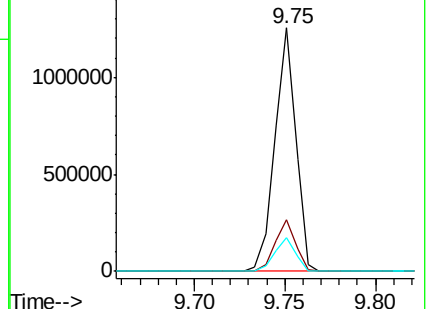
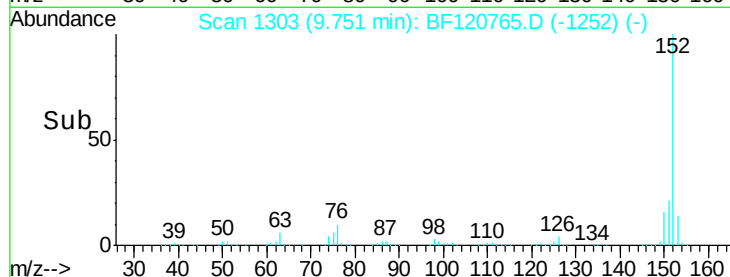
153 13.7 10.8 16.2



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: 40.124 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

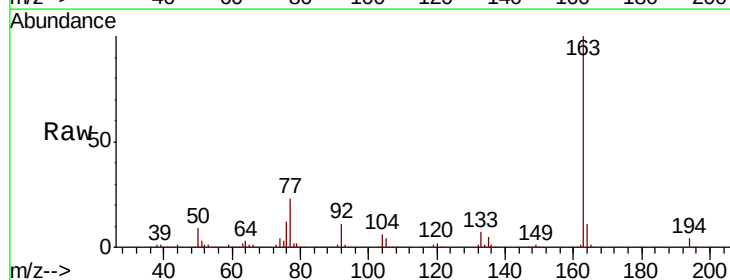
Tgt Ion:163 Resp: 729883

Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

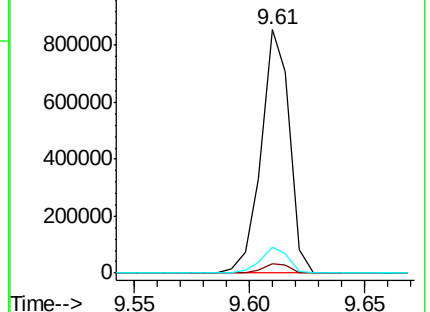
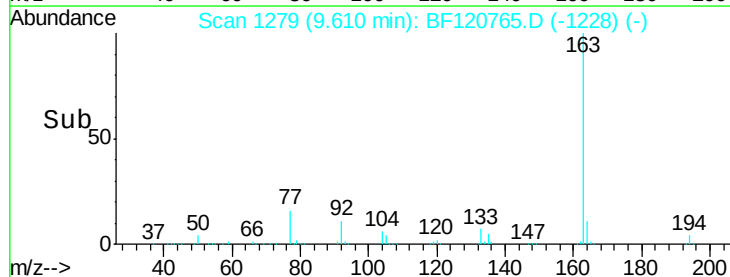
164 10.7 8.5 12.7

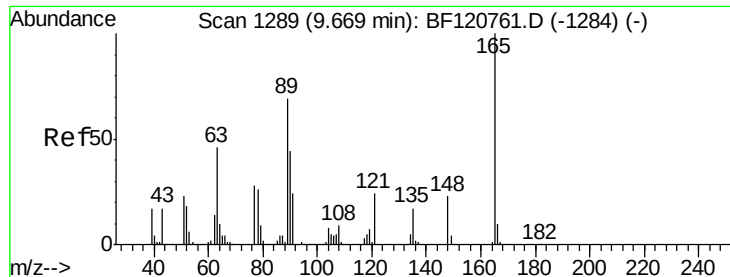


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

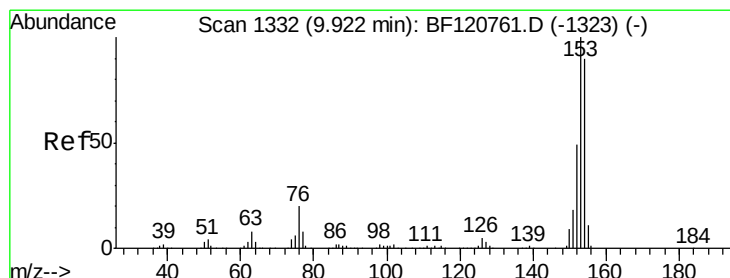
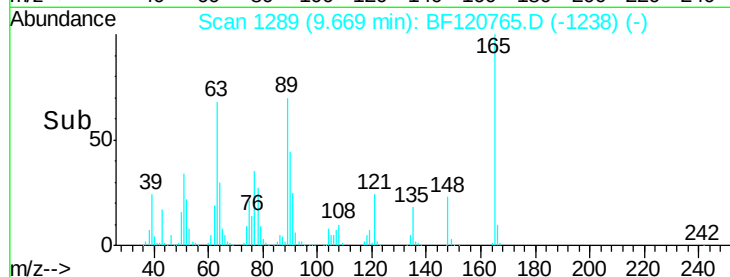
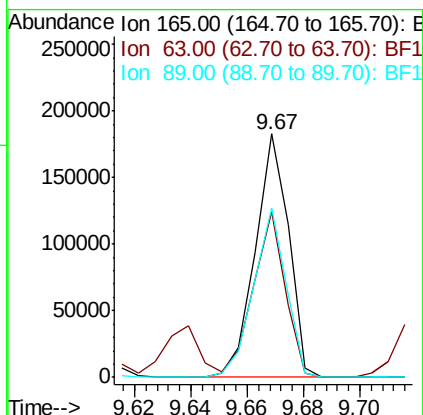
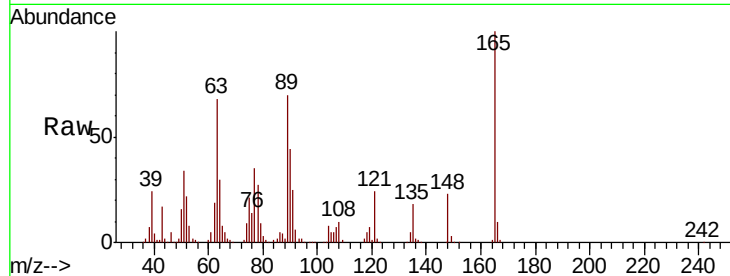




#51
 2,6-Dinitrotoluene
 Concen: 41.612 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: BF120765.D
 Acq: 2 Jul 2020 18:27

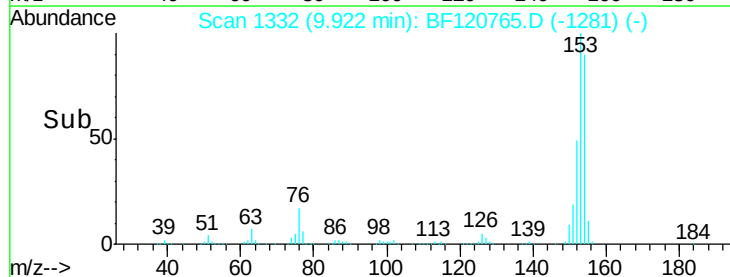
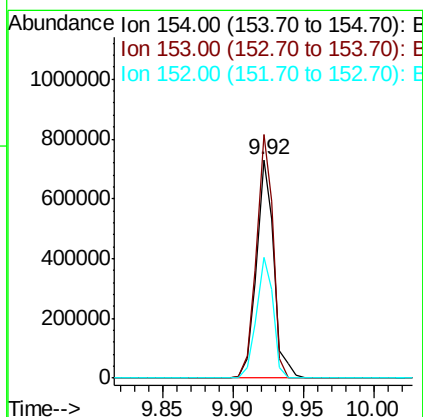
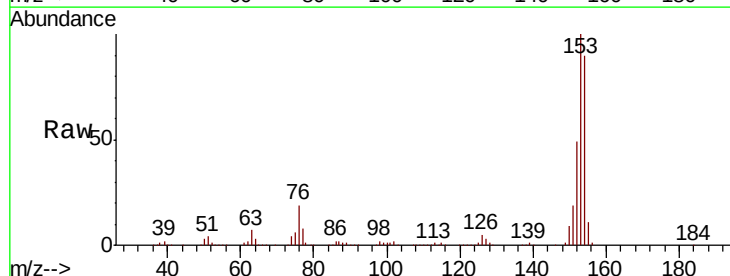
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF070220

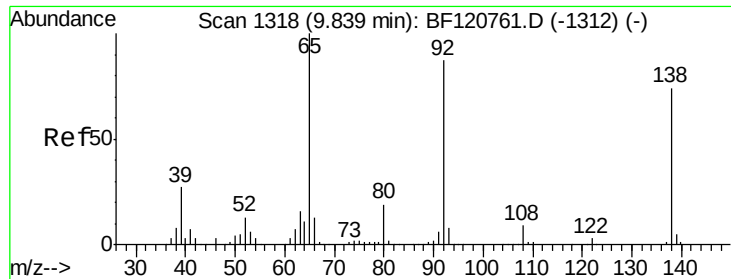
Tot Ion:165 Resp: 149288
 Ion Ratio Lower Upper
 165 100
 63 68.2 54.0 81.0
 89 69.8 55.4 83.2



#52
 Acenaphthene
 Concen: 40.720 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF120765.D
 Acq: 2 Jul 2020 18:27

Tgt Ion:154 Resp: 638206
 Ion Ratio Lower Upper
 154 100
 153 111.5 88.6 132.8
 152 55.2 43.6 65.4

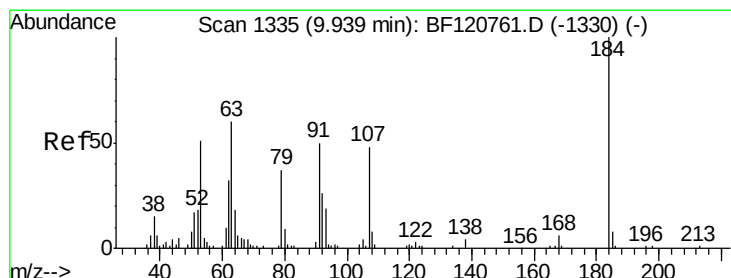
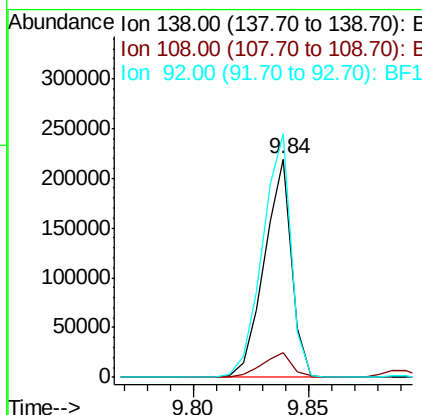
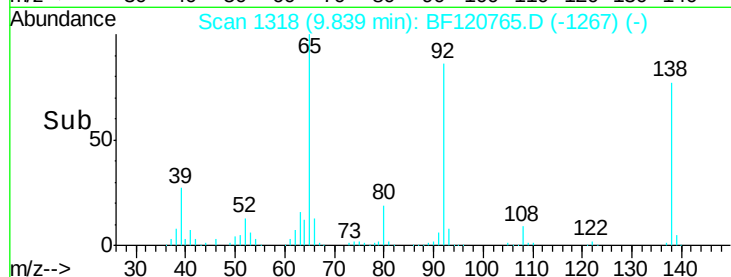
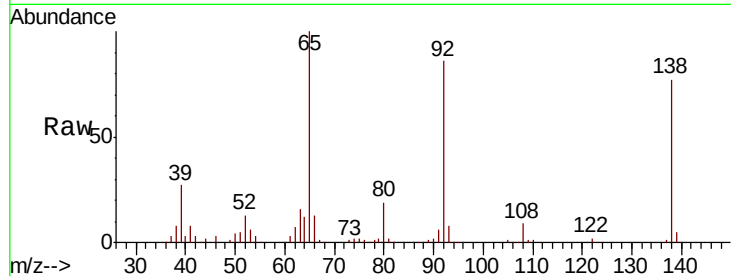




#53
 3-Nitroaniline
 Concen: 41.032 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF120765.D
 Acq: 2 Jul 2020 18:27

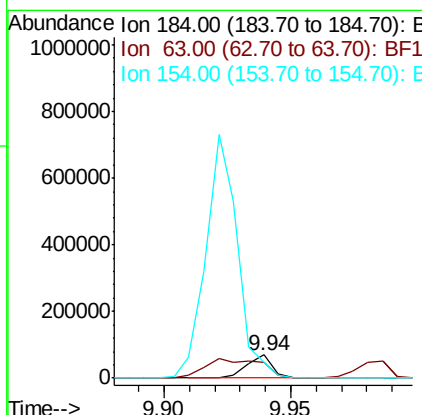
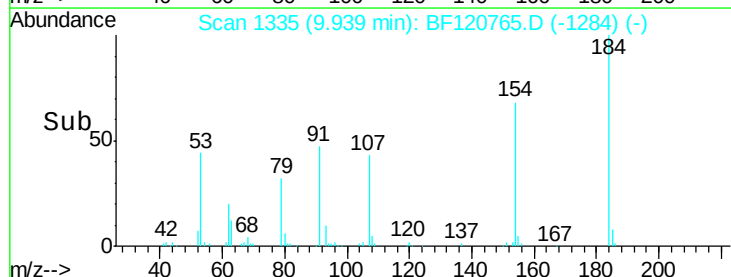
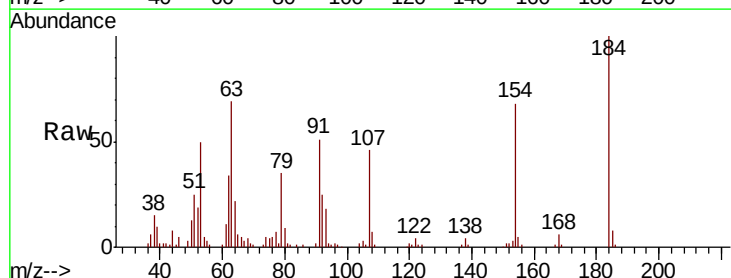
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF070220

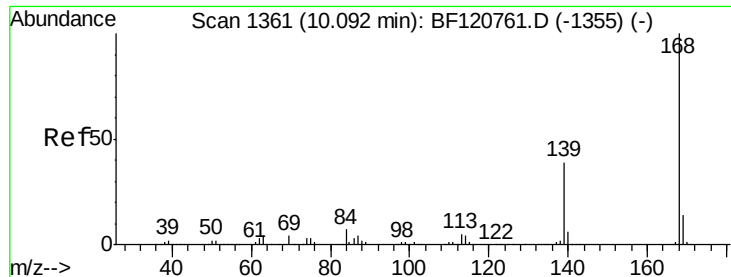
Tot Ion:138 Resp: 180478
 Ion Ratio Lower Upper
 138 100
 108 11.5 9.8 14.6
 92 111.6 93.4 140.2



#54
 2,4-Dinitrophenol
 Concen: 40.562 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: BF120765.D
 Acq: 2 Jul 2020 18:27

Tgt Ion:184 Resp: 50105
 Ion Ratio Lower Upper
 184 100
 63 69.0 57.3 85.9
 154 67.8 55.8 83.6





#55

Dibenzenofuran

Concen: 40.660 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

ICVBF070220

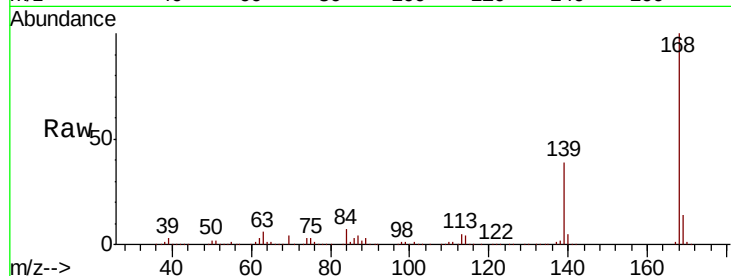
Tot Ion:168 Resp: 918610

Ion Ratio Lower Upper

168 100

139 39.1 31.3 46.9

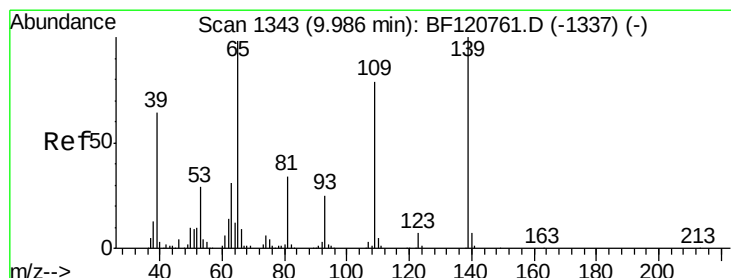
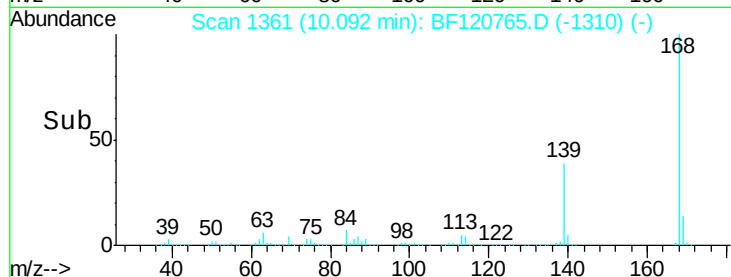
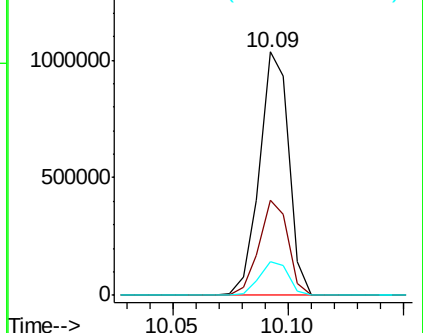
169 14.1 11.2 16.8



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: 41.444 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

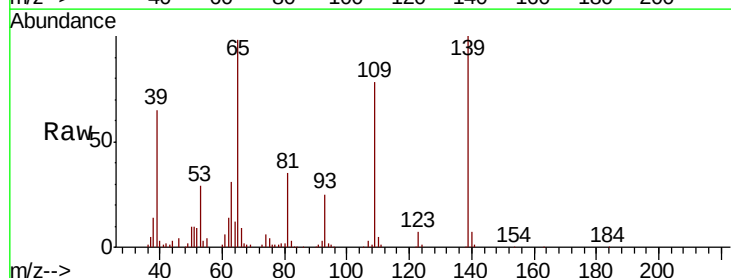
Tgt Ion:139 Resp: 134805

Ion Ratio Lower Upper

139 100

109 78.1 58.6 98.6

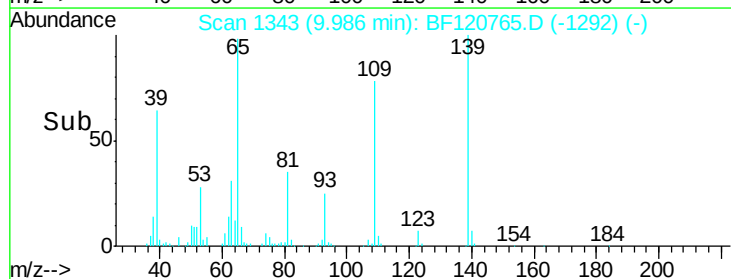
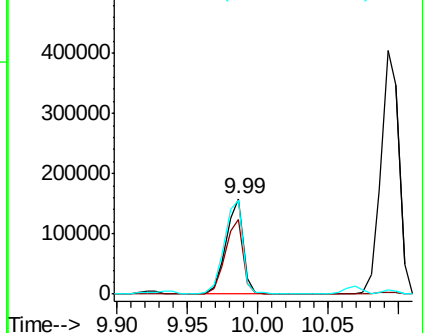
65 97.8 78.7 118.7

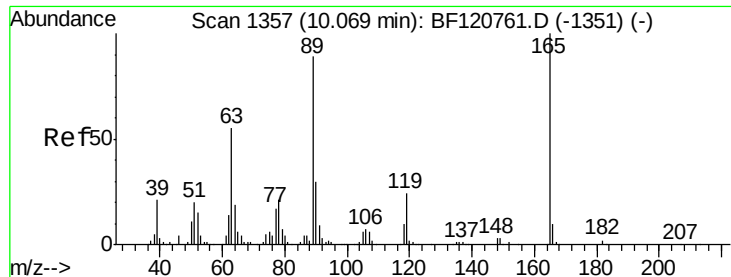


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 41.437 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

ICVBF070220

Tot Ion:165 Resp: 184580

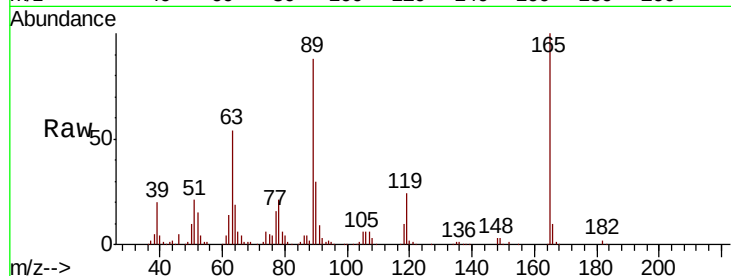
Ion Ratio Lower Upper

165 100

63 53.5 43.8 65.8

89 88.5 71.4 107.2

182 2.1 1.8 2.6

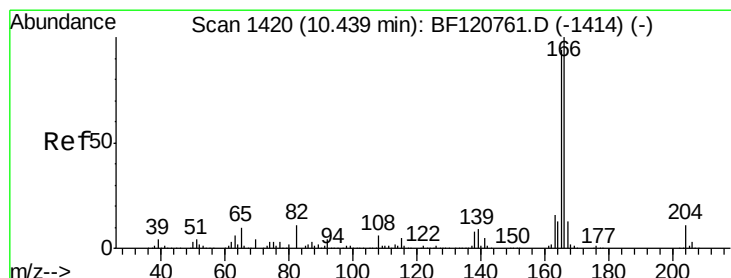
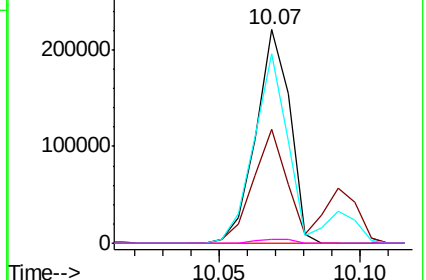
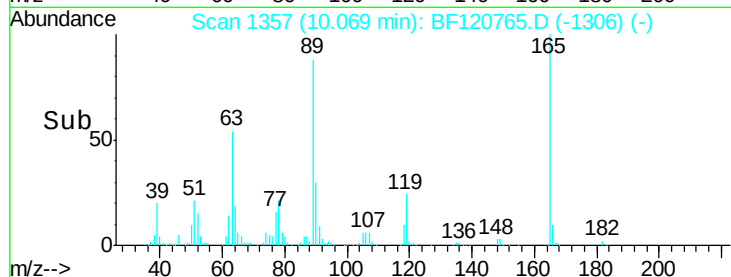


Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.589 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

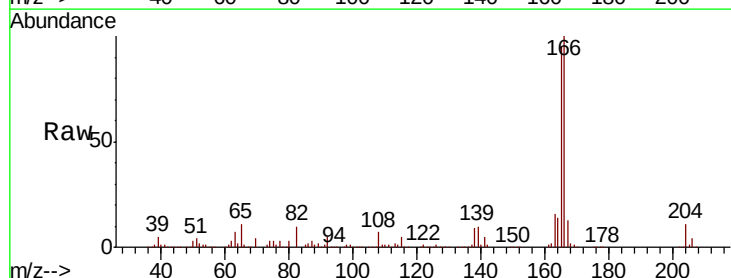
Tgt Ion:166 Resp: 682554

Ion Ratio Lower Upper

166 100

165 94.8 75.5 113.3

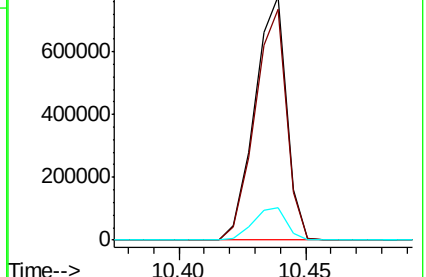
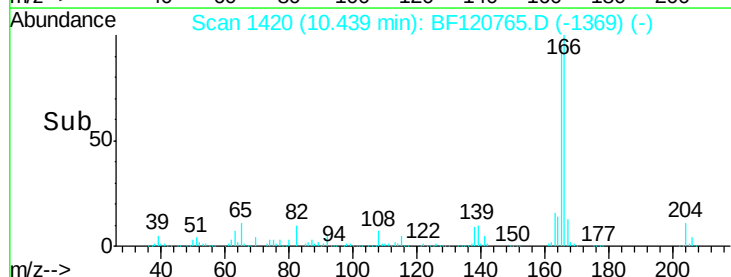
167 13.3 10.6 16.0

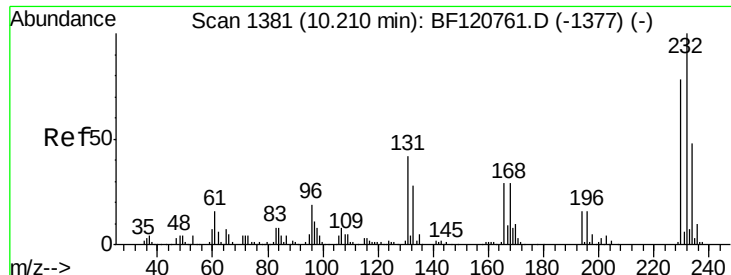


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

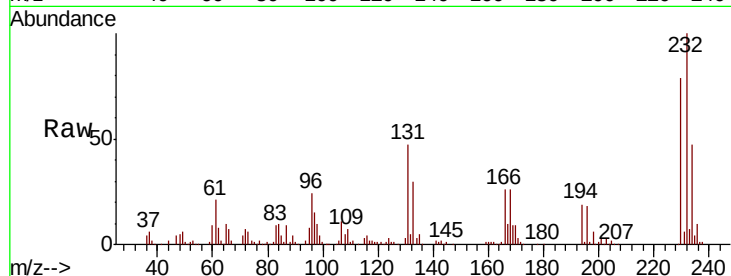




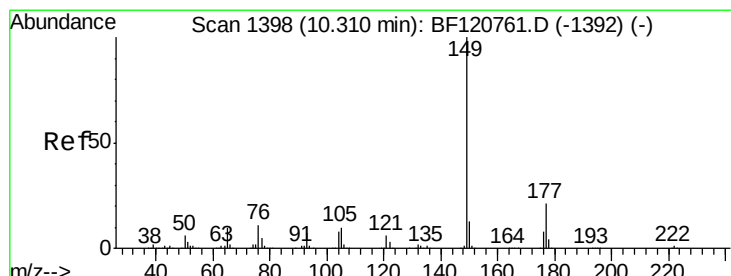
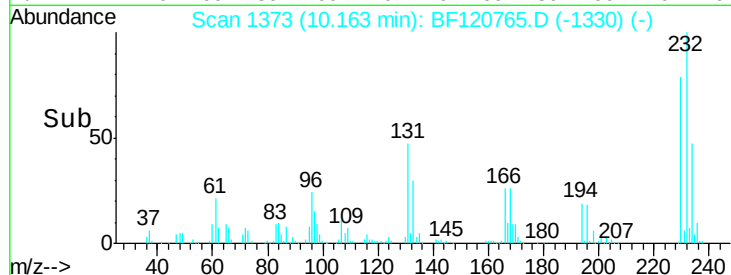
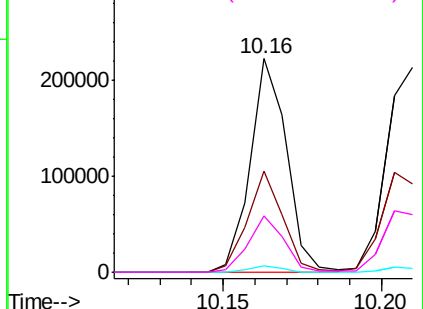
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.672 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.05 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Instrument :
BNA_F
ClientSampleId :
ICVBF070220

Tot Ion:232 Resp: 176732
Ion Ratio Lower Upper
232 100
131 46.3 36.3 54.5
130 2.8 2.0 3.0
166 25.9 20.9 31.3

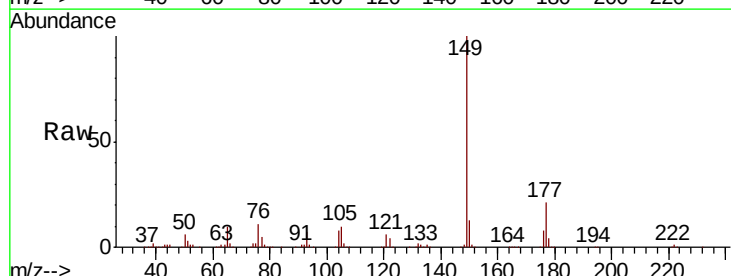


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

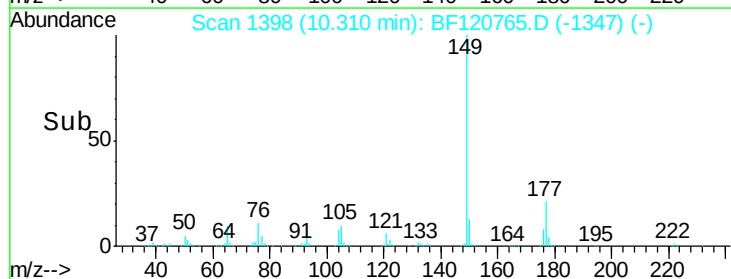
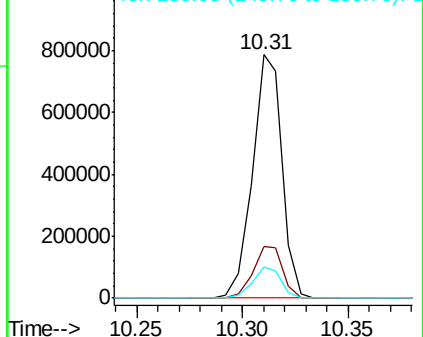


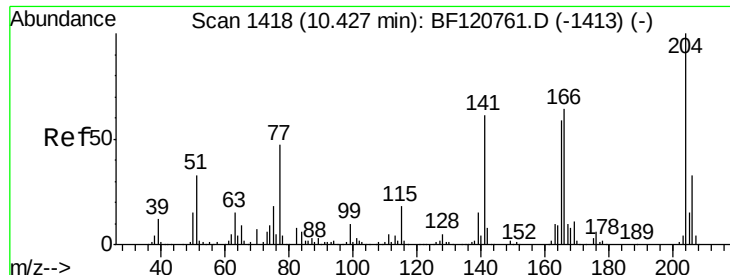
#60
Diethylphthalate
Concen: 40.249 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Tgt Ion:149 Resp: 762702
Ion Ratio Lower Upper
149 100
177 21.0 16.4 24.6
150 12.5 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

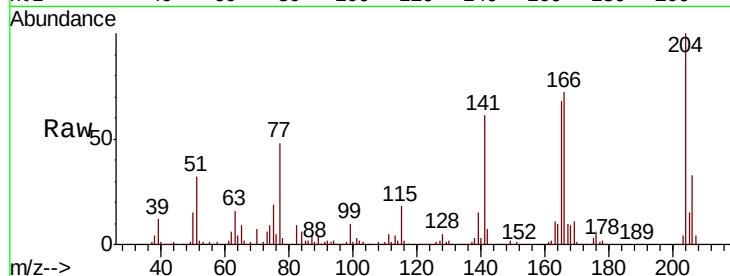




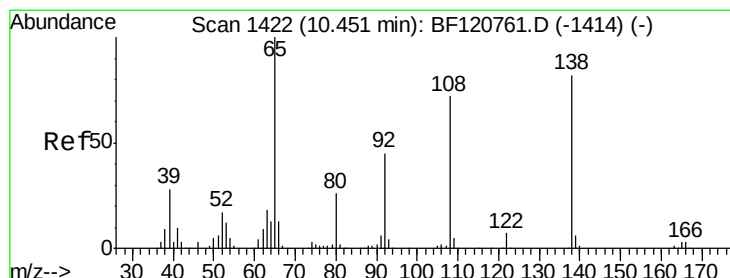
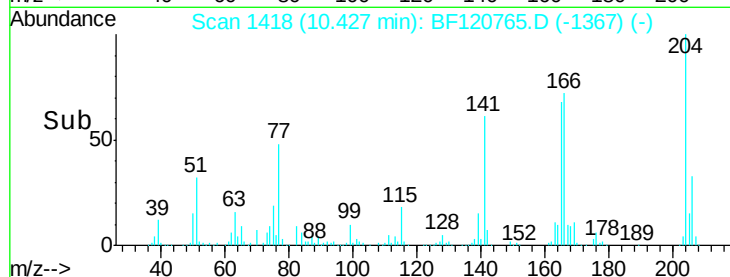
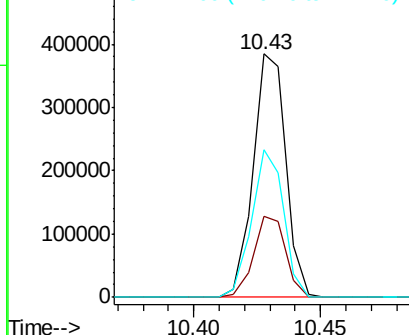
#61
4-Chlorophenyl-phenylether
Concen: 40.780 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Instrument :
BNA_F
ClientSampleId :
ICVBF070220

Tot Ion:204 Resp: 344734
Ion Ratio Lower Upper
204 100
206 33.1 26.7 40.1
141 60.7 48.5 72.7

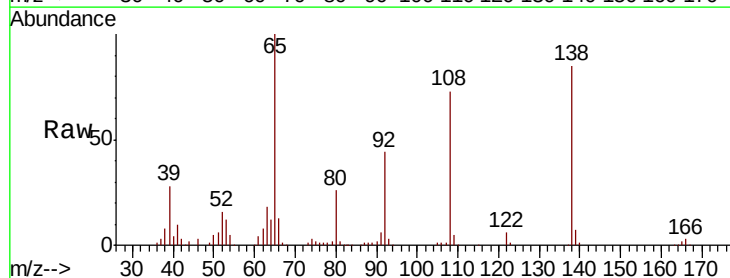


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

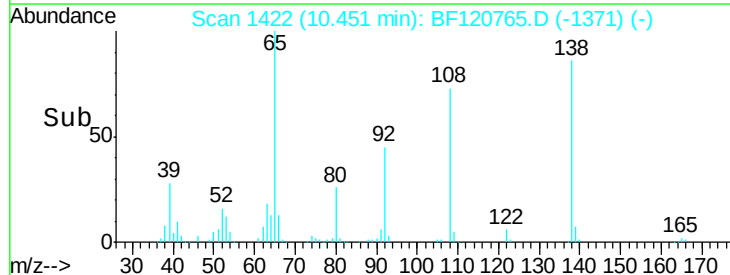
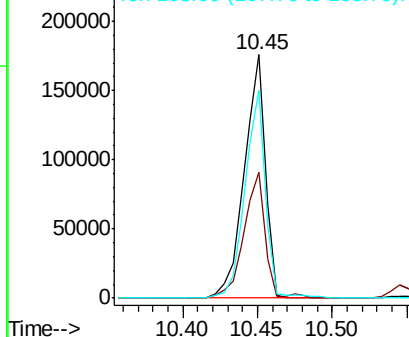


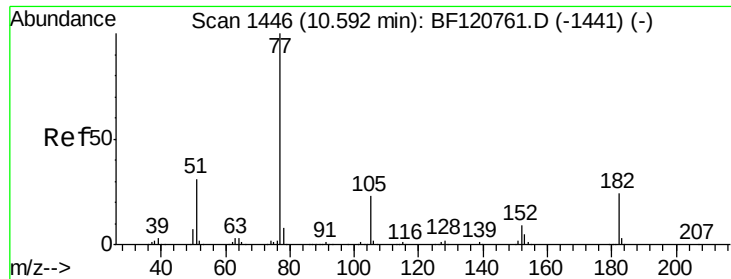
#62
4-Nitroaniline
Concen: 44.373 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Tgt Ion:138 Resp: 171500
Ion Ratio Lower Upper
138 100
92 51.9 34.3 74.3
108 85.5 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: 39.630 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

ICVBF070220

Tot Ion: 77 Resp: 768204

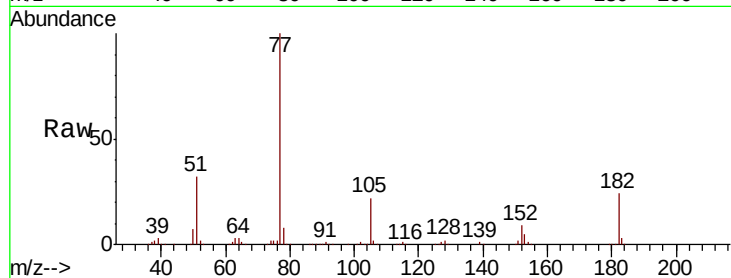
Ion Ratio Lower Upper

77 100

182 23.5 4.0 44.0

105 22.1 2.6 42.6

51 32.4 11.5 51.5

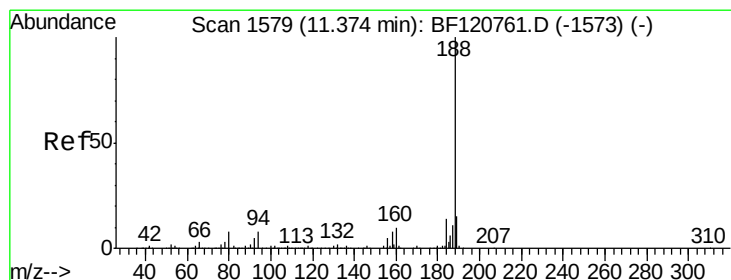
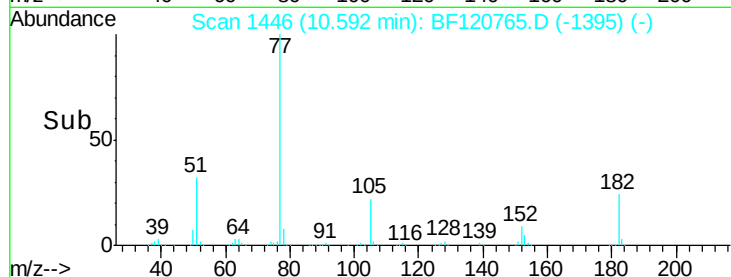
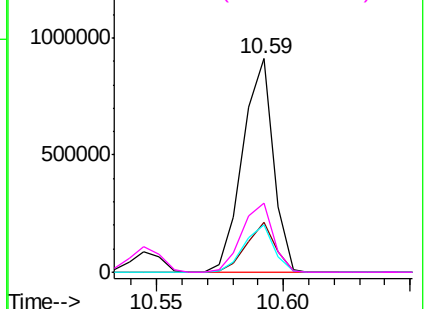


Abundance Ion 77.00 (76.70 to 77.70): BF1

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# 1579

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

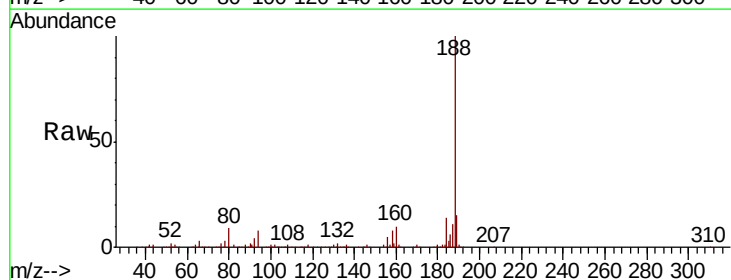
Tgt Ion: 188 Resp: 445821

Ion Ratio Lower Upper

188 100

94 8.3 6.6 9.8

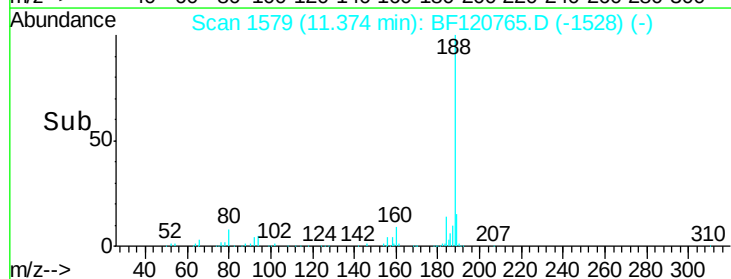
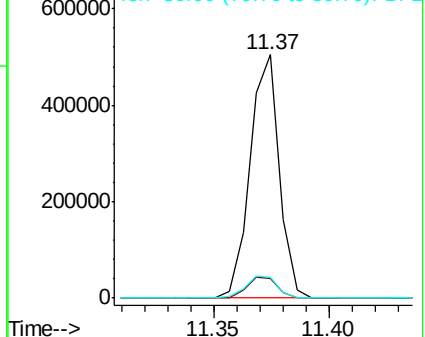
80 8.5 6.6 10.0

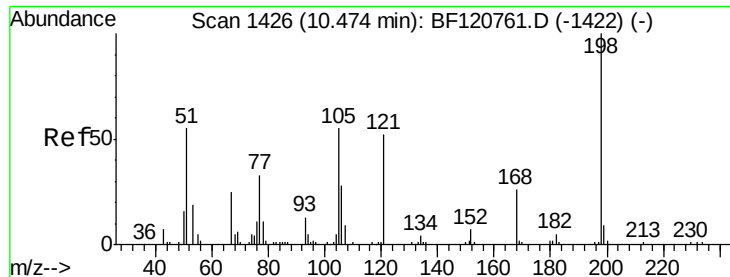


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

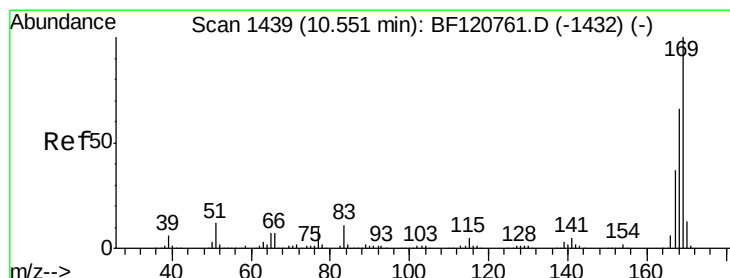
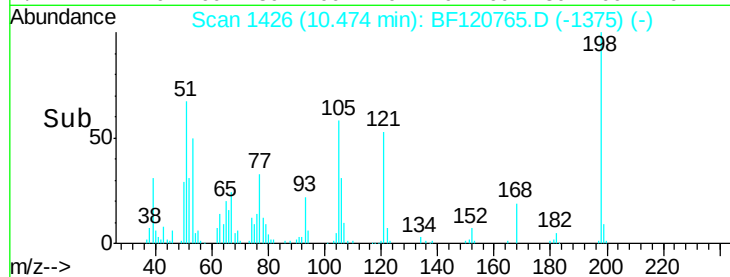
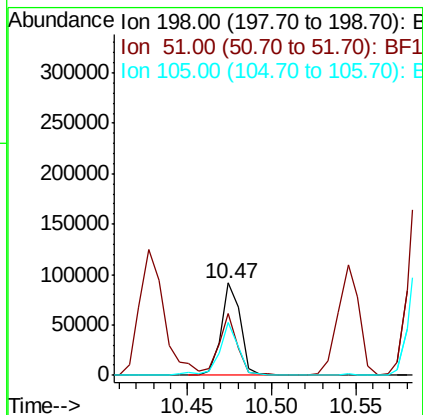
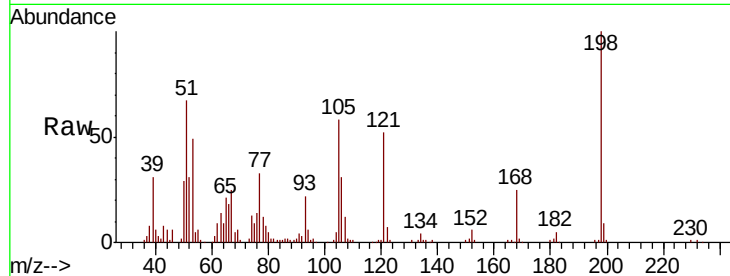




#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.528 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF120765.D
 Acq: 2 Jul 2020 18:27

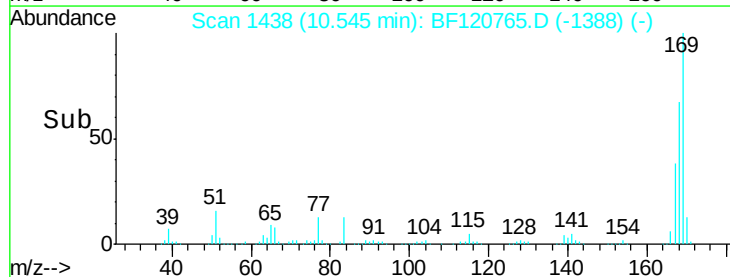
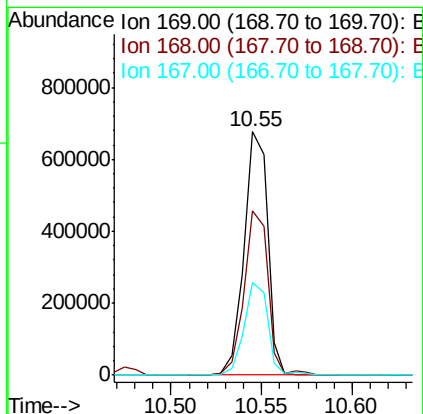
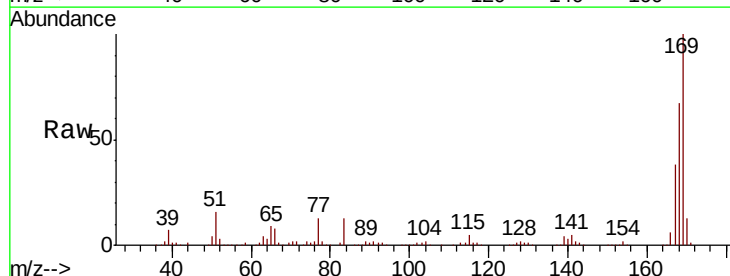
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF070220

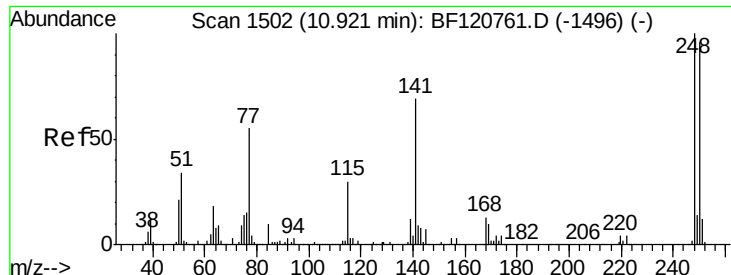
Tot Ion:198 Resp: 73586
 Ion Ratio Lower Upper
 198 100
 51 67.0 50.0 90.0
 105 57.7 38.3 78.3



#66
 n-Nitrosodiphenylamine
 Concen: 40.822 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF120765.D
 Acq: 2 Jul 2020 18:27

Tgt Ion:169 Resp: 609999
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.1 79.7
 167 37.8 29.6 44.4

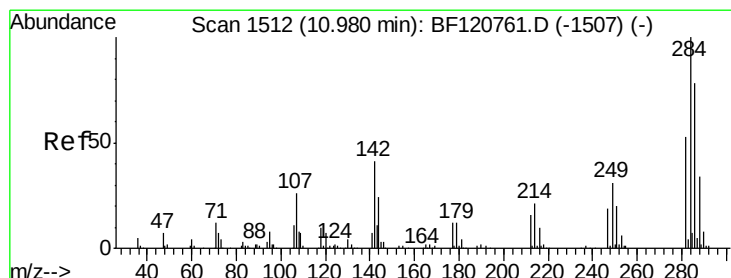
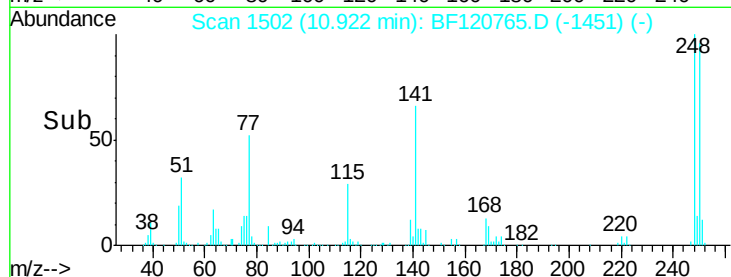
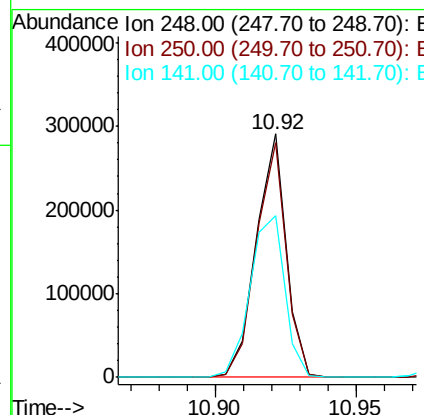
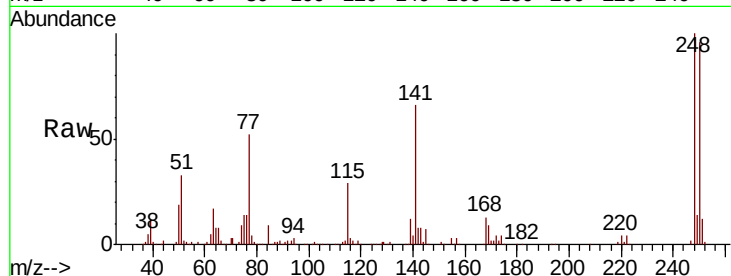




#67
 4-Bromophenyl-phenylether
 Concen: 41.618 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: BF120765.D
 Acq: 2 Jul 2020 18:27

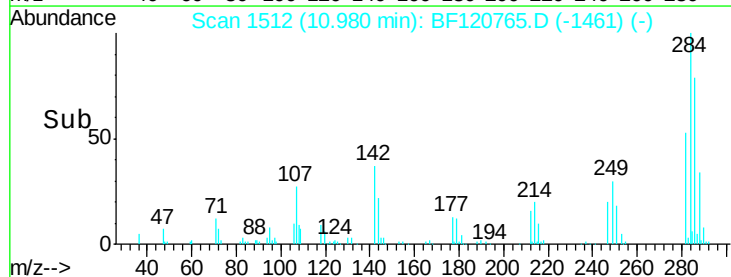
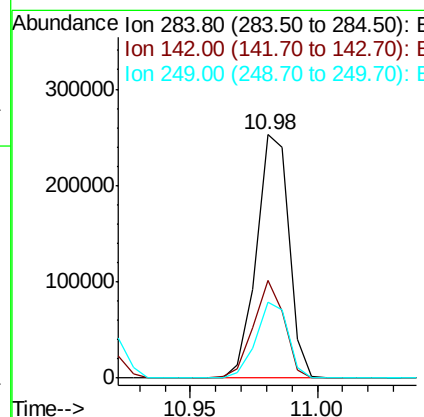
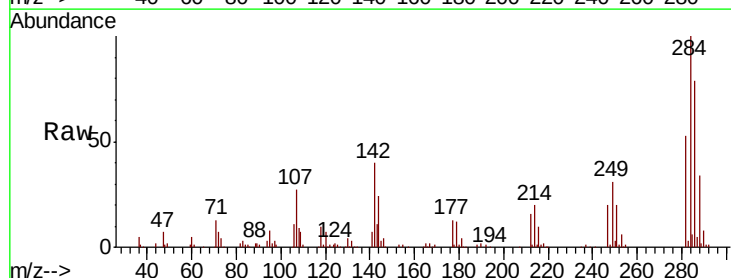
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF070220

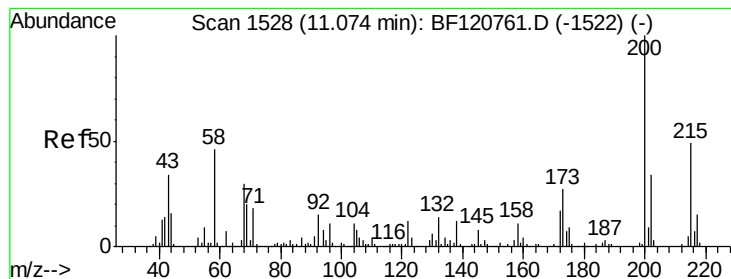
Tot Ion:248 Resp: 215228
 Ion Ratio Lower Upper
 248 100
 250 96.3 76.5 114.7
 141 66.5 54.9 82.3



#68
 Hexachlorobenzene
 Concen: 41.653 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BF120765.D
 Acq: 2 Jul 2020 18:27

Tgt Ion:284 Resp: 226042
 Ion Ratio Lower Upper
 284 100
 142 40.0 32.5 48.7
 249 31.0 24.8 37.2





#69

Atrazine

Concen: 41.380 ng

RT: 11.07 min Scan# 1528

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

ICVBF070220

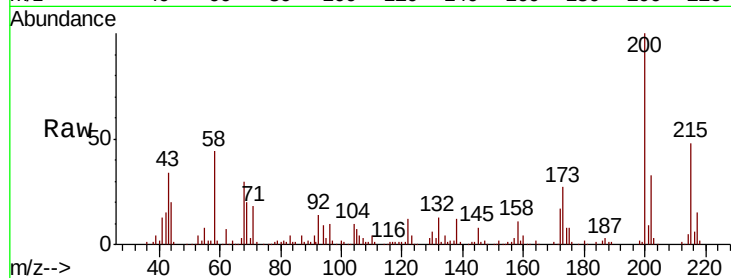
Tot Ion:200 Resp: 159298

Ion Ratio Lower Upper

200 100

173 26.7 7.4 47.4

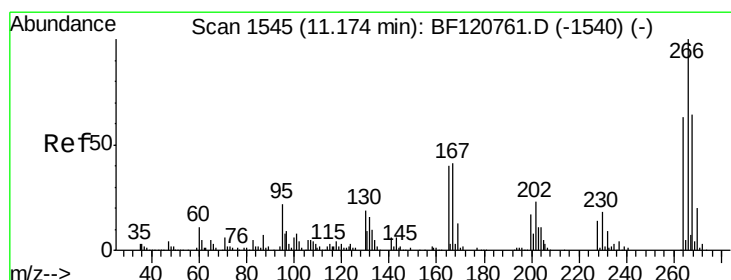
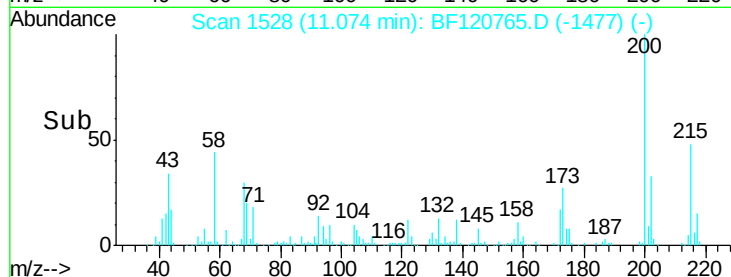
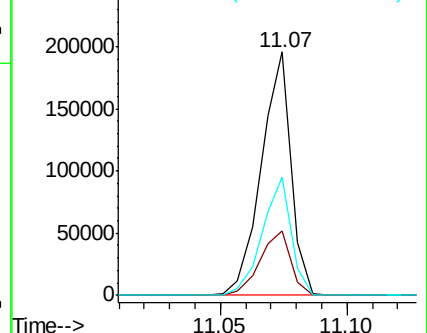
215 48.4 28.8 68.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 44.575 ng

RT: 11.17 min Scan# 1545

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

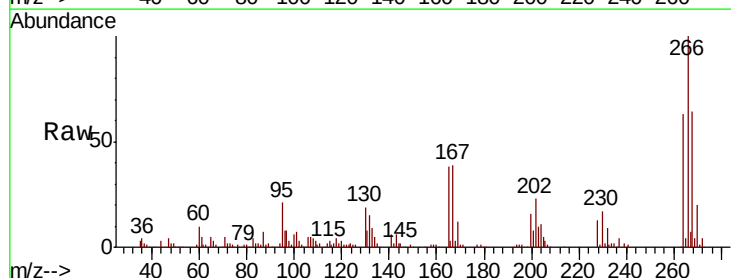
Tgt Ion:266 Resp: 136861

Ion Ratio Lower Upper

266 100

268 63.7 51.4 77.2

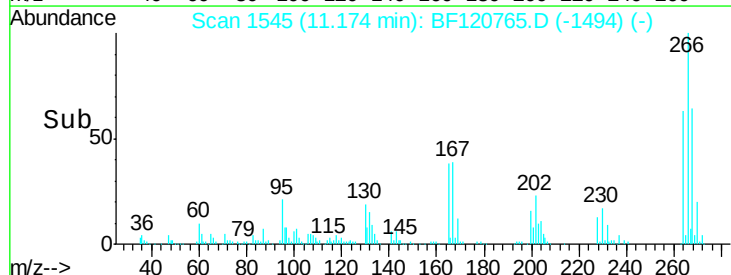
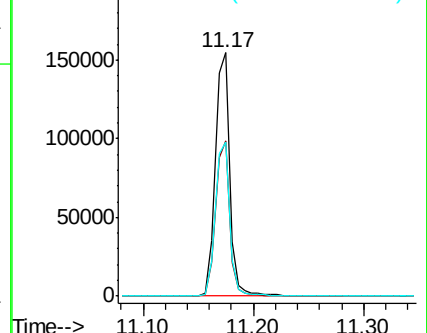
264 63.0 50.6 75.8

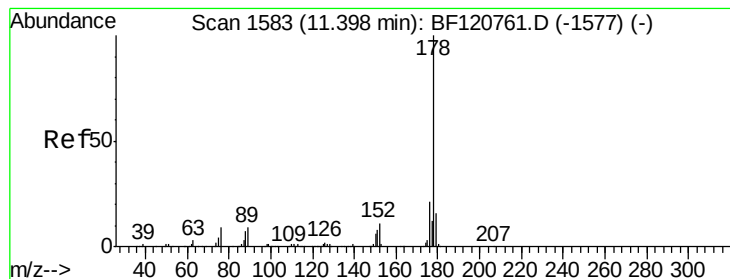


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.451 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

ICVBF070220

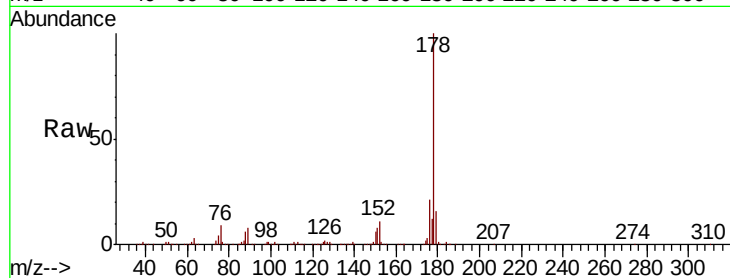
Tot Ion:178 Resp: 978496

Ion Ratio Lower Upper

178 100

176 20.9 16.4 24.6

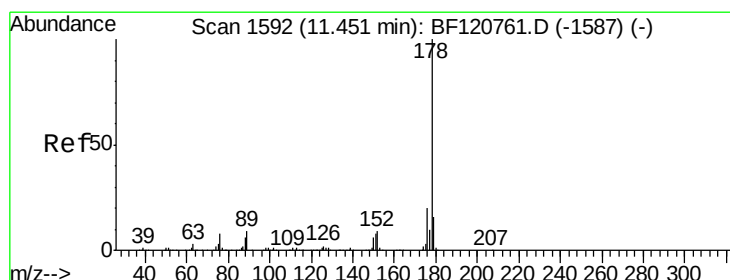
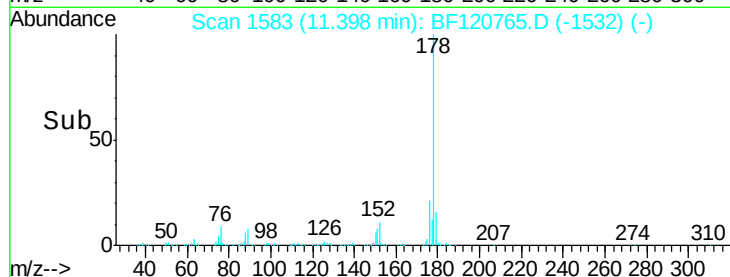
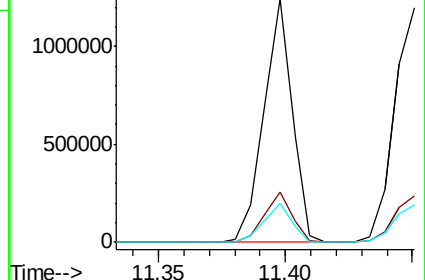
179 16.1 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.889 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

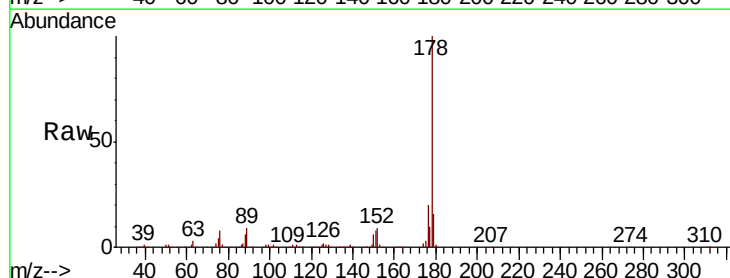
Tgt Ion:178 Resp: 999486

Ion Ratio Lower Upper

178 100

176 20.0 16.2 24.2

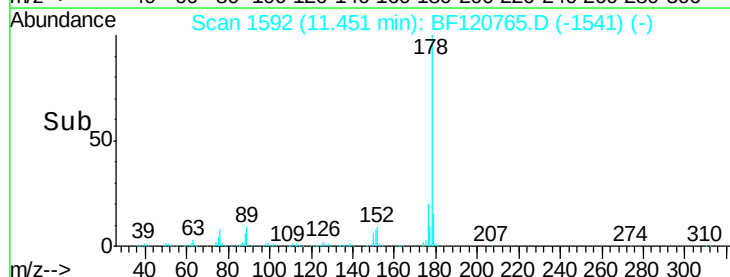
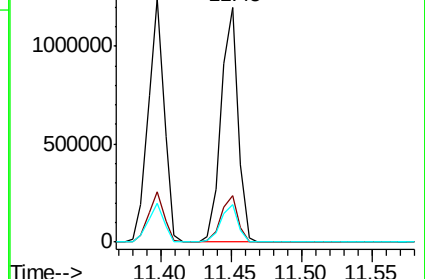
179 16.1 12.7 19.1

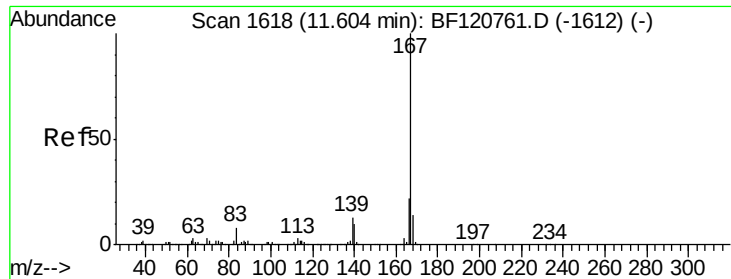


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

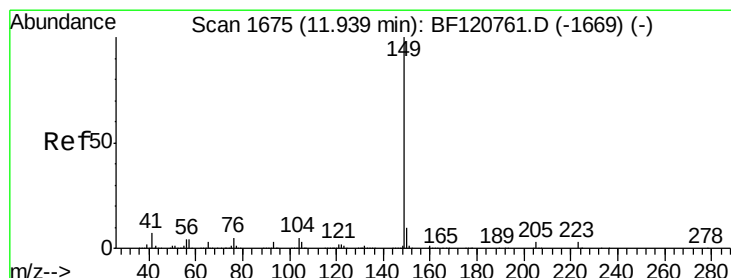
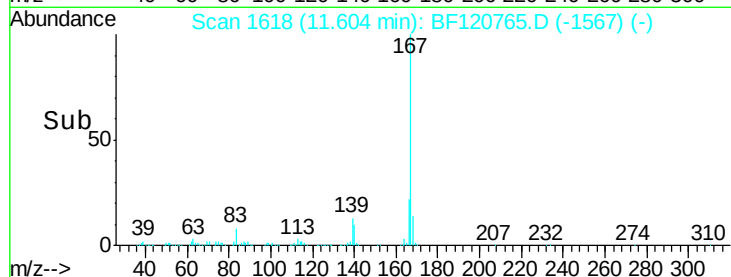
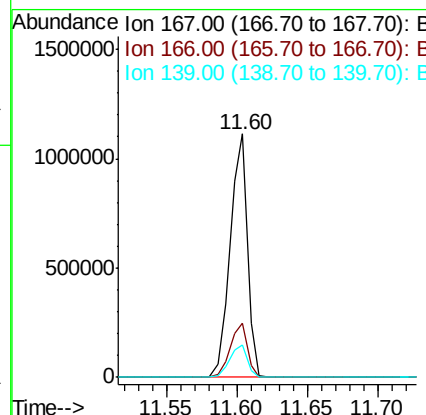
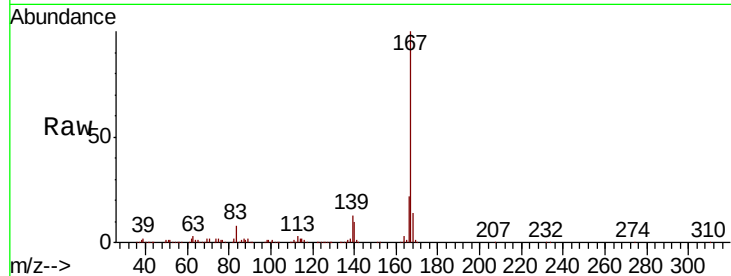




#73
 Carbazole
 Concen: 40.203 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: BF120765.D
 Acq: 2 Jul 2020 18:27

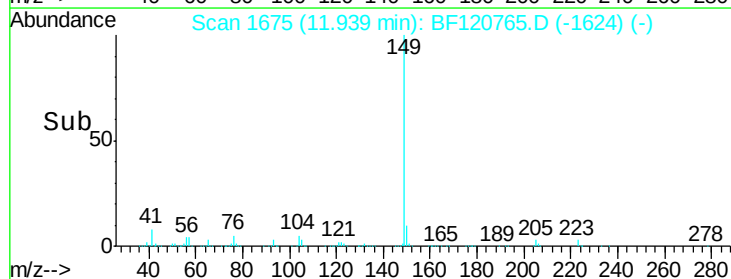
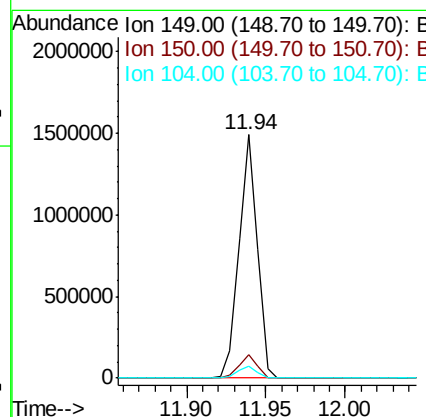
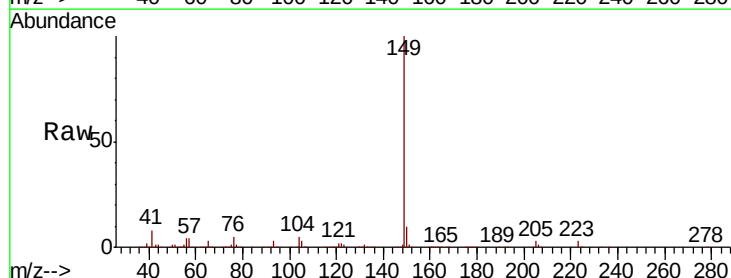
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF070220

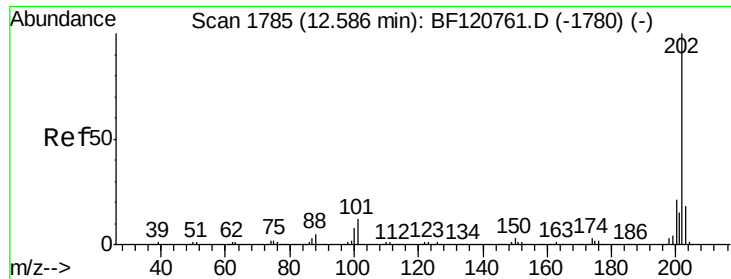
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.8
139	13.4	10.7	16.1



#74
 Di-n-butylphthalate
 Concen: 41.001 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF120765.D
 Acq: 2 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	5.1	4.0	6.0





#75

Fluoranthene

Concen: 41.048 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

ICVBF070220

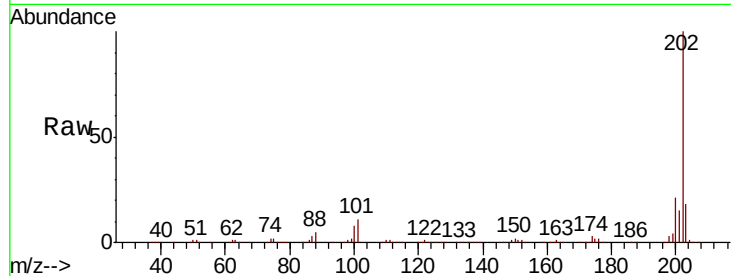
Tot Ion:202 Resp: 1057750

Ion Ratio Lower Upper

202 100

101 10.7 0.0 31.6

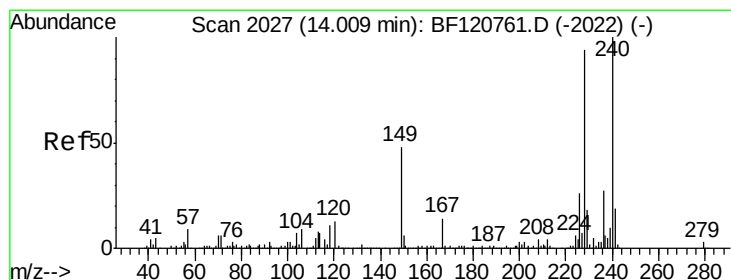
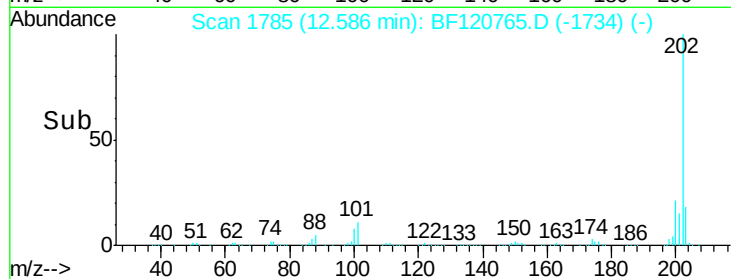
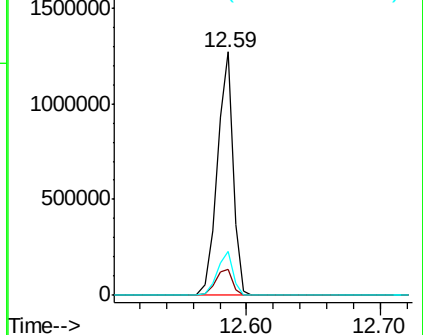
203 17.8 0.0 38.2



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: BF120765.D

Acq: 2 Jul 2020 18:27

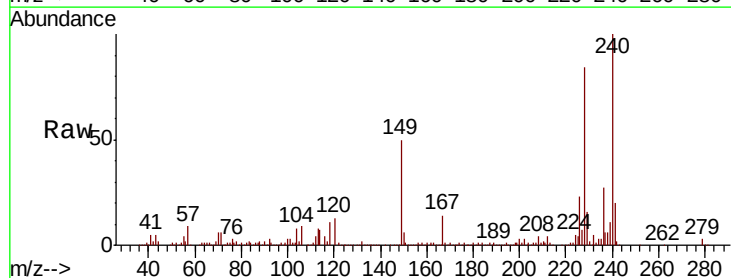
Tgt Ion:240 Resp: 327193

Ion Ratio Lower Upper

240 100

120 13.2 10.3 15.5

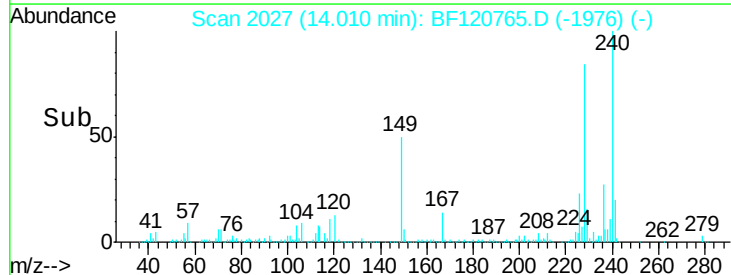
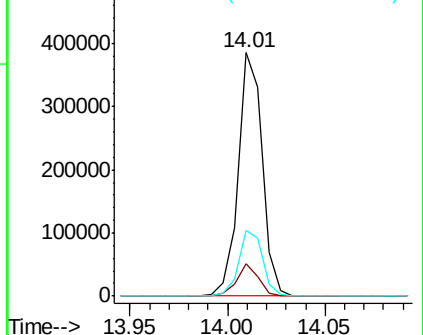
236 26.9 21.4 32.2

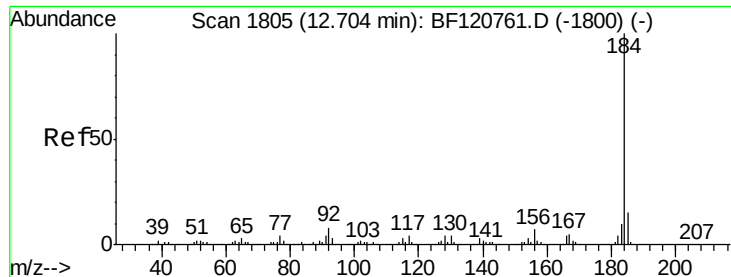


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.776 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

ICVBF070220

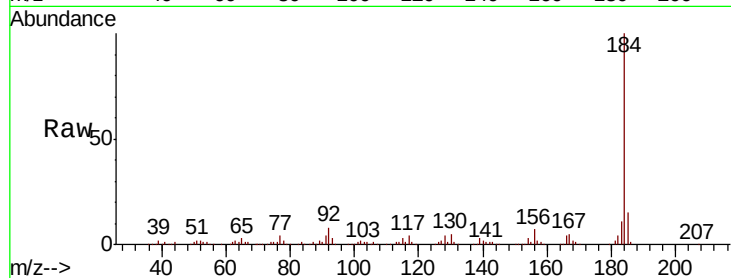
Tot Ion:184 Resp: 367341

Ion Ratio Lower Upper

184 100

185 14.9 11.8 17.8

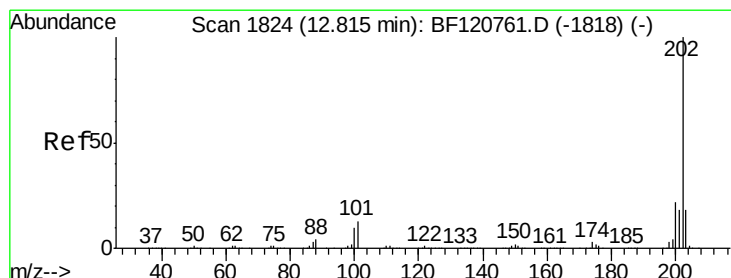
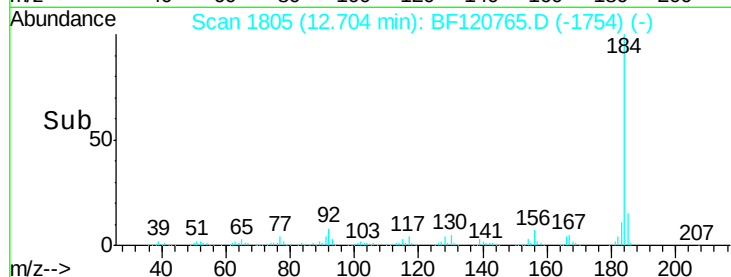
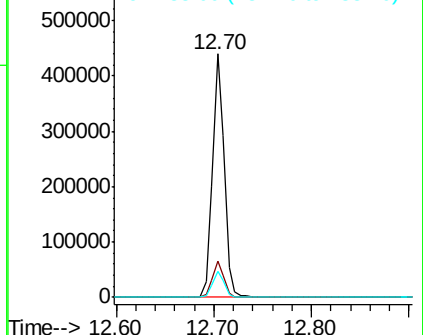
183 10.6 8.3 12.5



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: 41.004 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

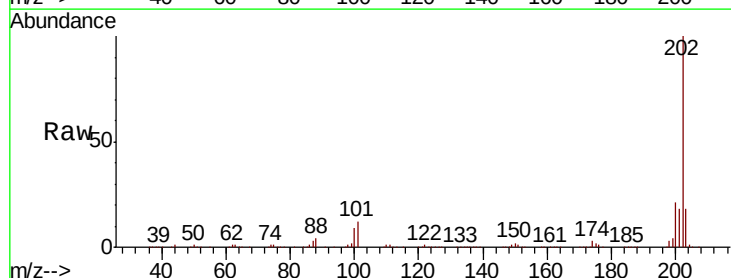
Tgt Ion:202 Resp: 1071503

Ion Ratio Lower Upper

202 100

200 21.2 17.3 25.9

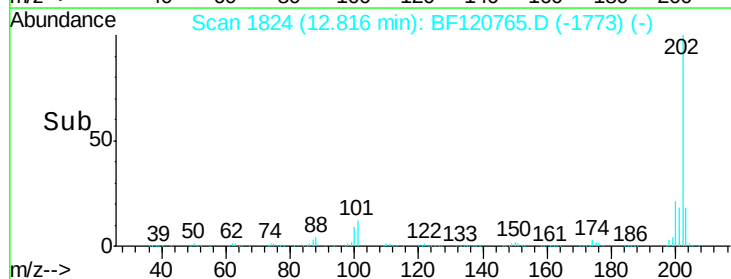
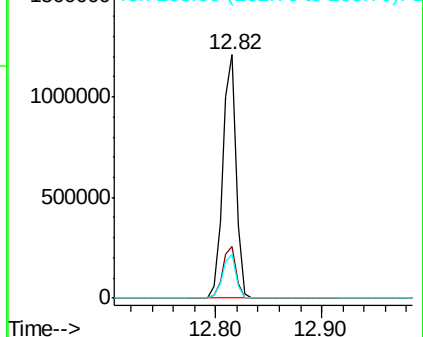
203 17.8 14.6 22.0

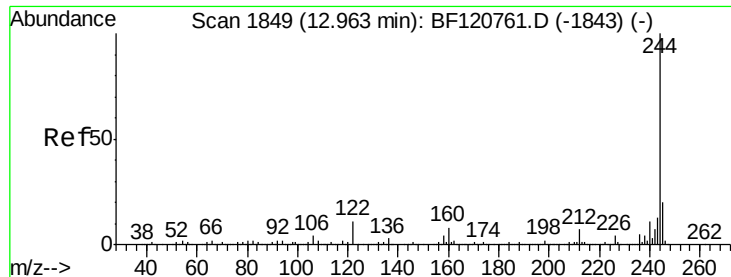


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.127 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

ICVBF070220

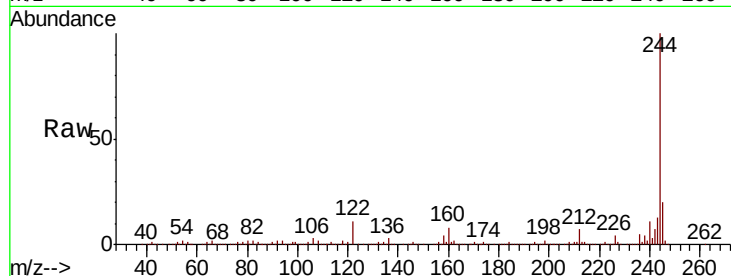
Tot Ion:244 Resp: 1355756

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

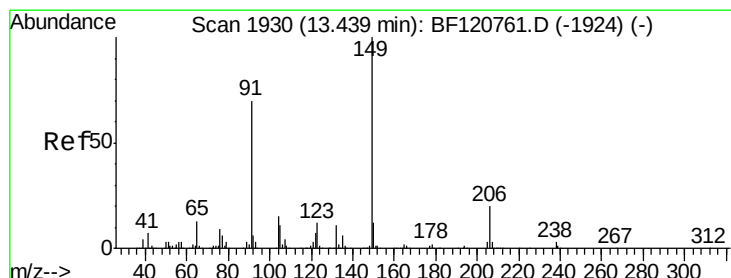
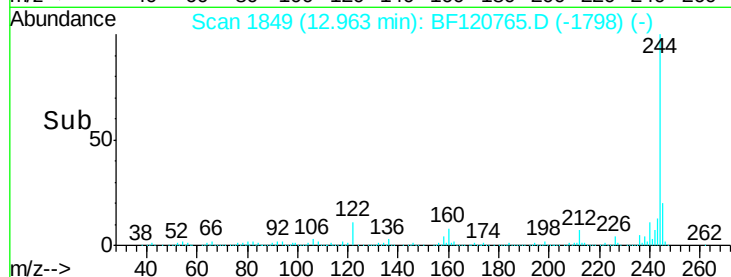
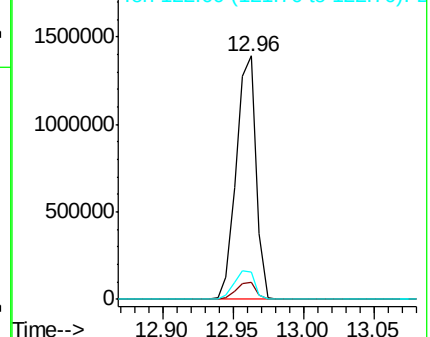
122 11.2 9.0 13.4



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: 42.351 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

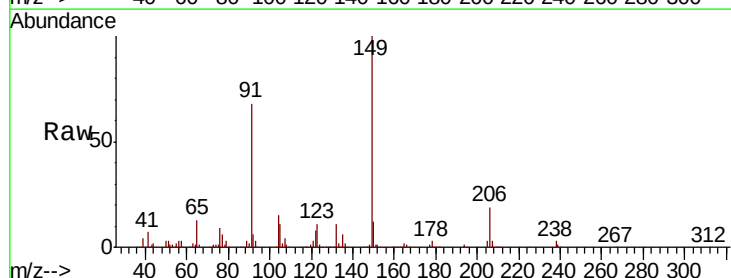
Tgt Ion:149 Resp: 477794

Ion Ratio Lower Upper

149 100

91 68.4 55.8 83.8

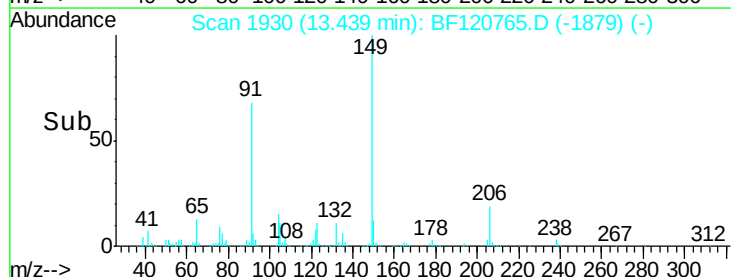
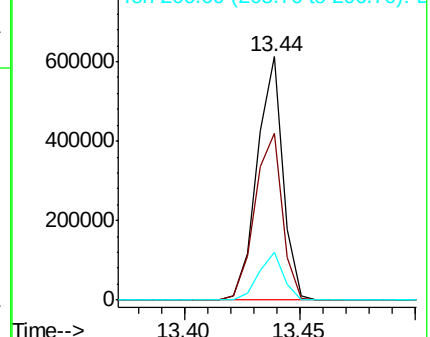
206 19.4 15.7 23.5

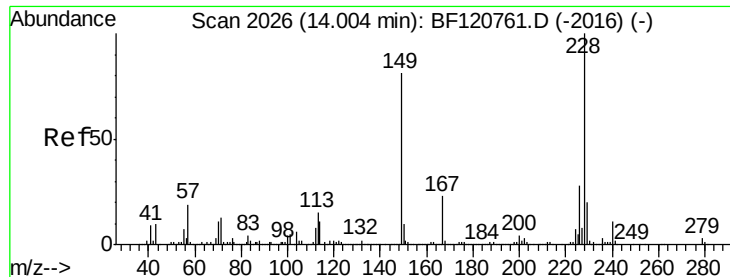


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.865 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

ICVBF070220

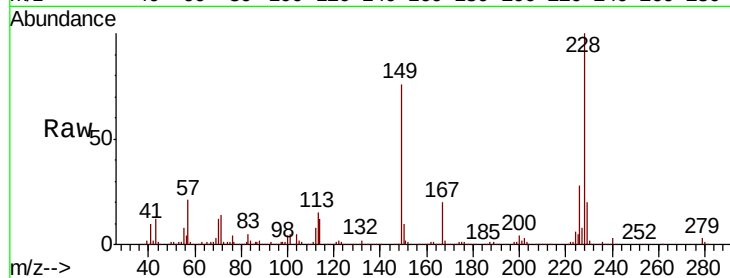
Tot Ion:228 Resp: 878051

Ion Ratio Lower Upper

228 100

226 28.4 22.6 33.8

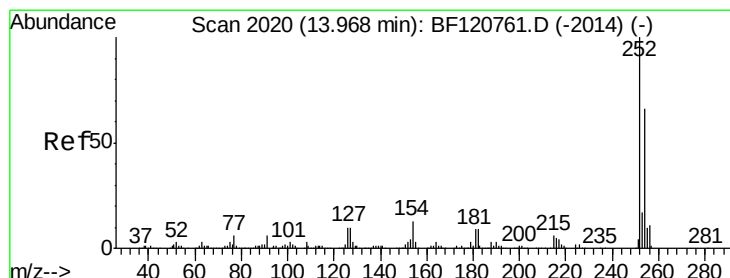
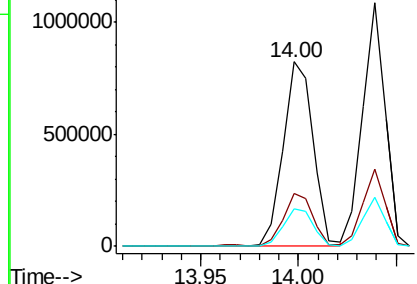
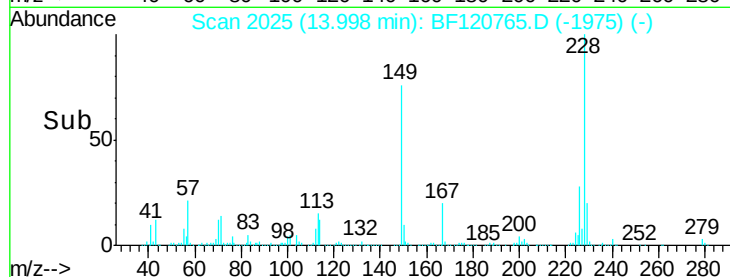
229 20.4 15.8 23.6



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: 42.398 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

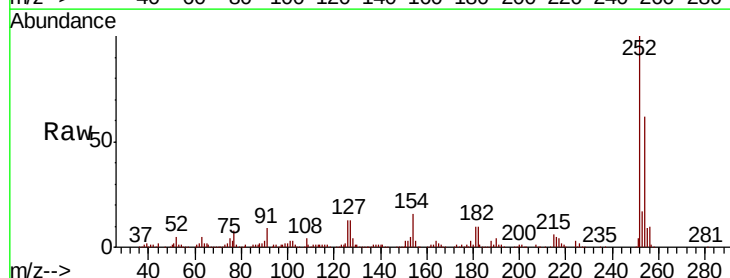
Tgt Ion:252 Resp: 300089

Ion Ratio Lower Upper

252 100

254 61.7 52.6 78.8

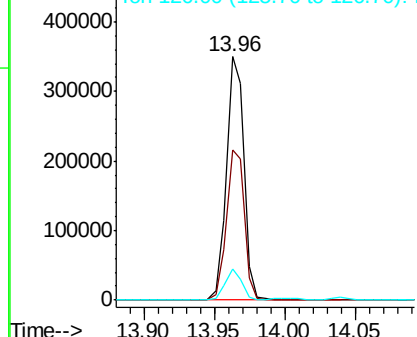
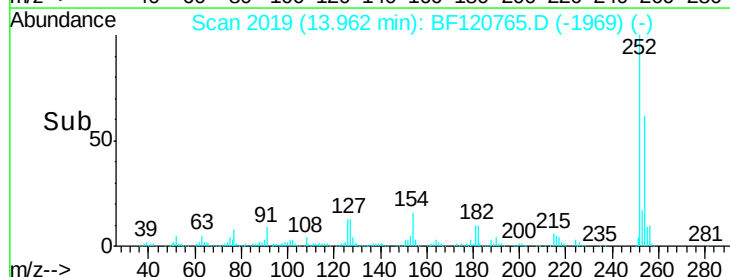
126 13.0 7.8 11.8#

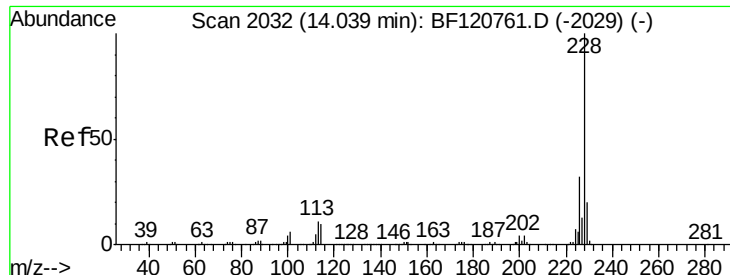


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.069 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Instrument :

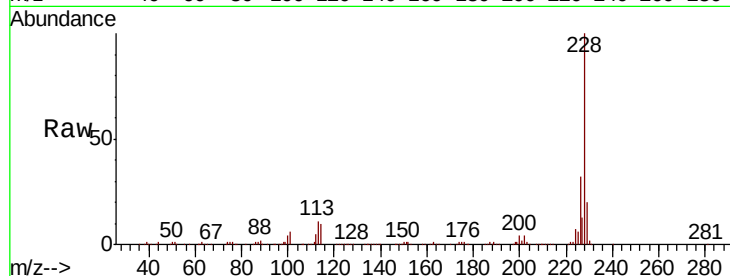
BNA_F

ClientSampleId :

ICVBF070220

Tot Ion:228 Resp: 878616

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.7	38.5
229	20.2	16.3	24.5

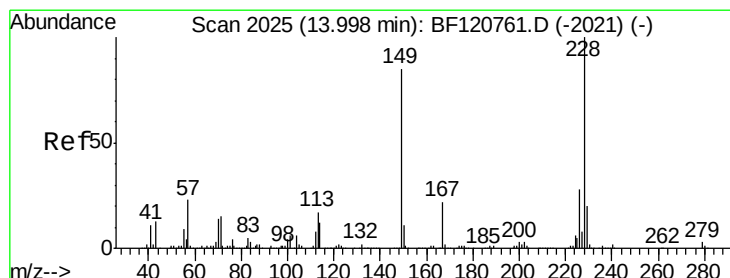
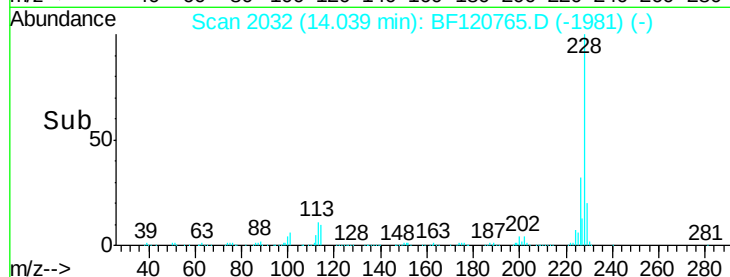
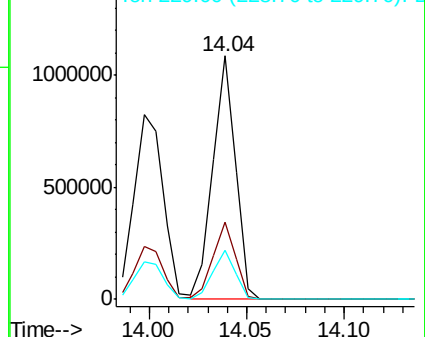


Abundance

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: 42.291 ng

RT: 14.00 min Scan# 2026

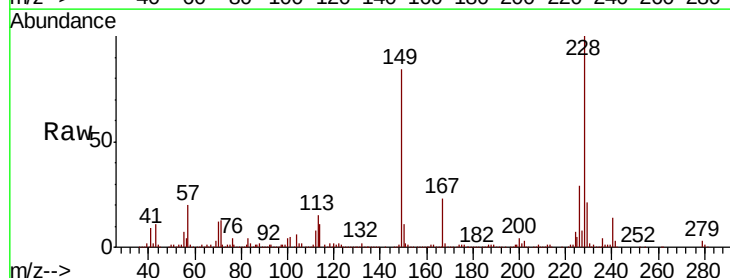
Delta R.T. 0.01 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Tgt Ion:149 Resp: 625664

Ion	Ratio	Lower	Upper
149	100		
167	27.2	20.9	31.3
279	4.1	2.6	4.0#

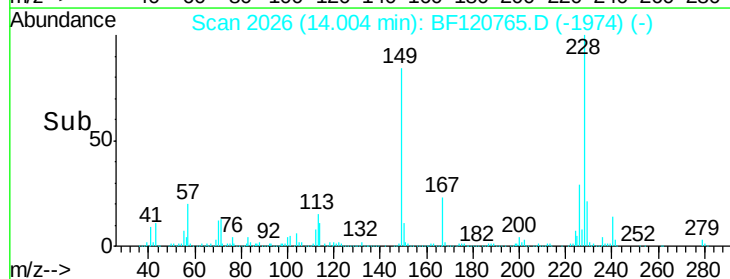
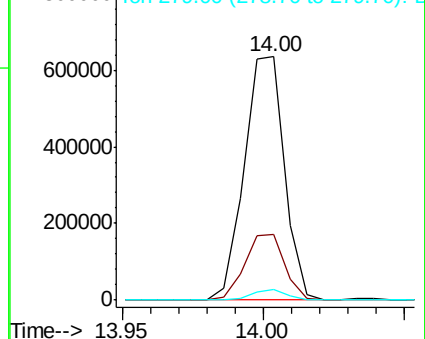


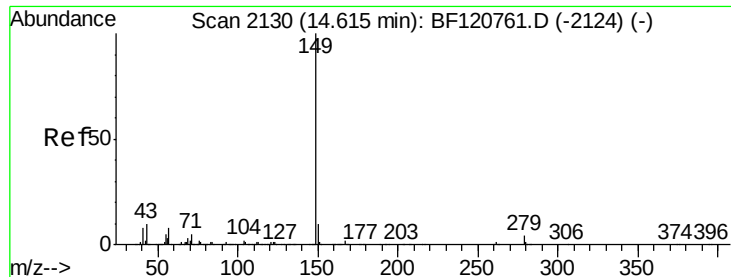
Abundance

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

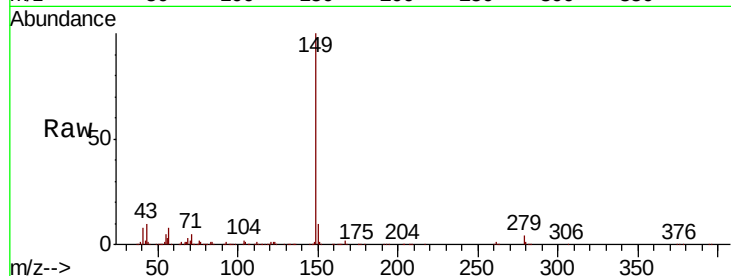




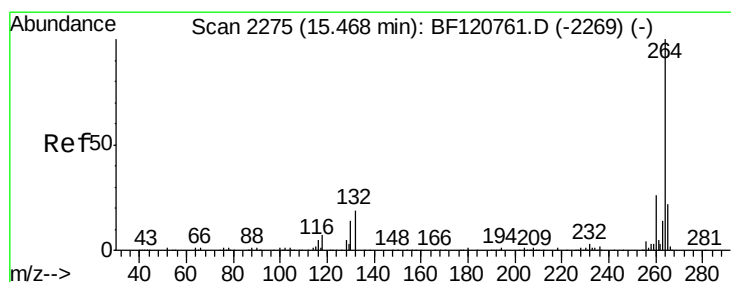
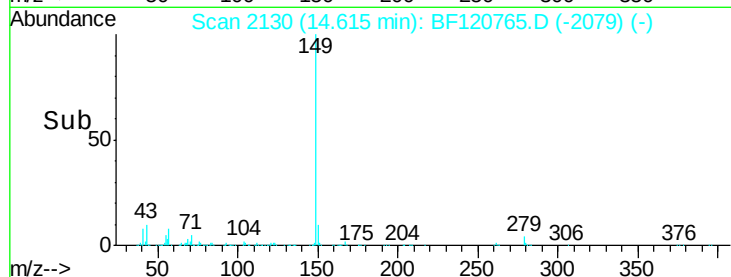
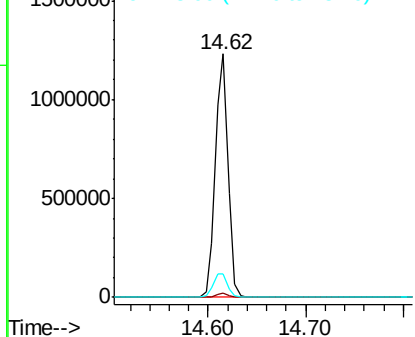
#85
Di-n-octyl phthalate
Concen: 42.154 ng
RT: 14.62 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Instrument :
BNA_F
ClientSampleId :
ICVBF070220

Tot Ion:149 Resp: 1103302
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.1 8.7 13.1

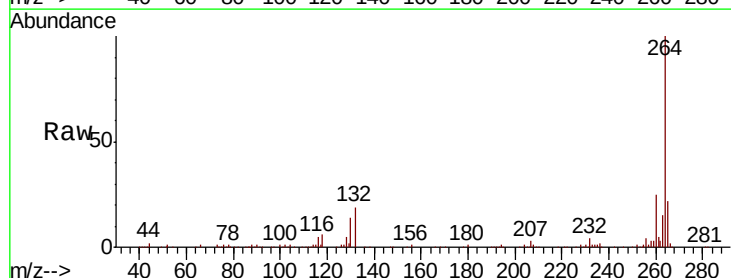


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

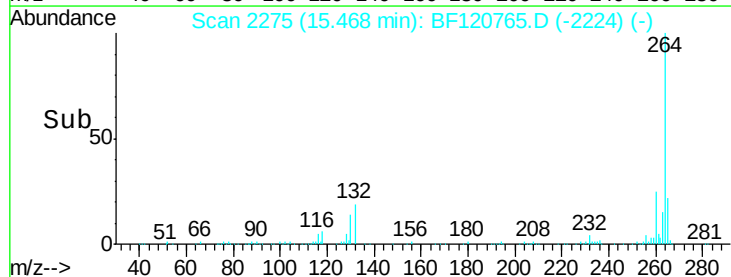
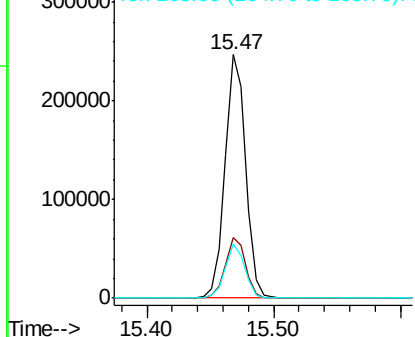


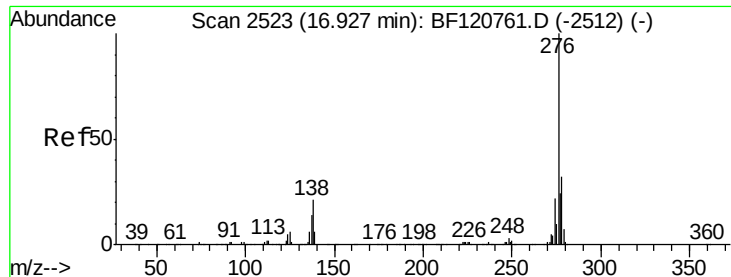
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Tgt Ion:264 Resp: 275952
Ion Ratio Lower Upper
264 100
260 24.8 20.6 30.8
265 22.4 17.6 26.4



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

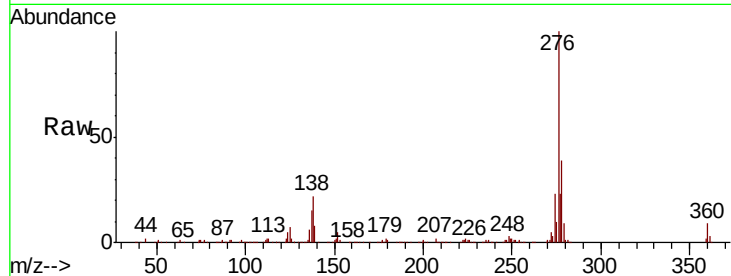




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.570 ng
 RT: 16.93 min Scan# 2523
 Delta R.T. 0.00 min
 Lab File: BF120765.D
 Acq: 2 Jul 2020 18:27

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF070220

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.1	19.8	29.8
277	24.8	19.9	29.9

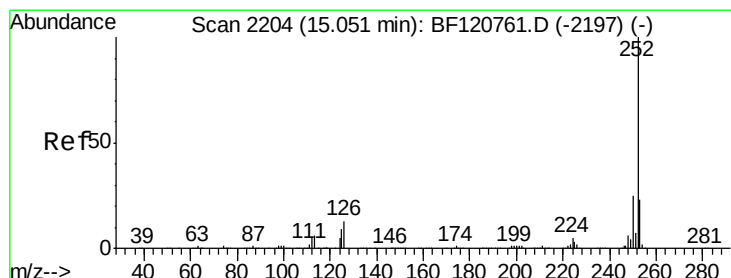
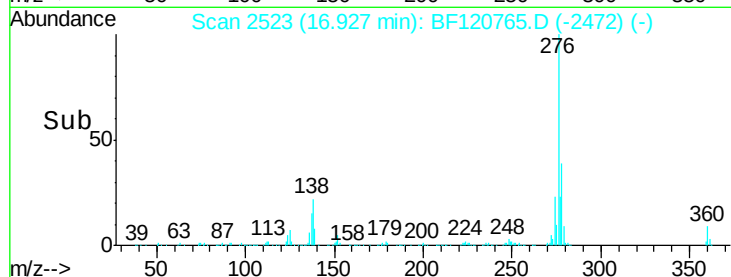
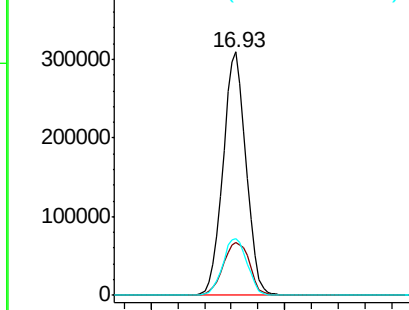


Abundance

Ion 276.00 (275.70 to 276.70): E

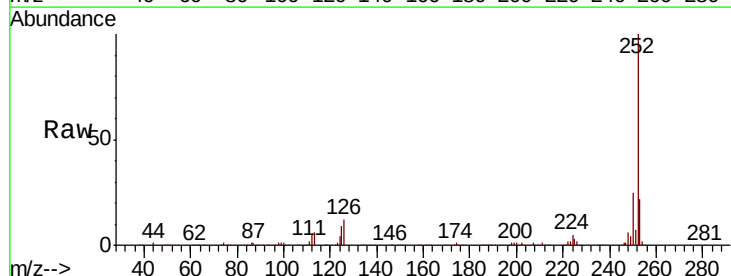
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88
 Benzo(b)fluoranthene
 Concen: 42.937 ng
 RT: 15.05 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BF120765.D
 Acq: 2 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	8.9	7.5	11.3

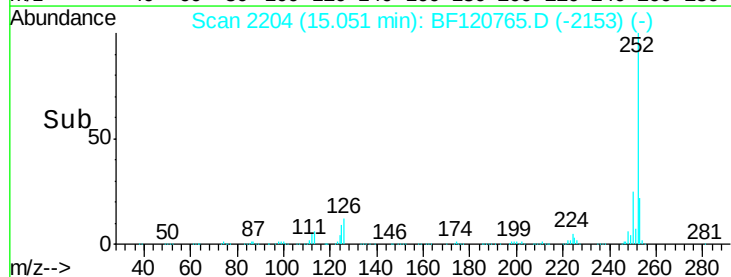
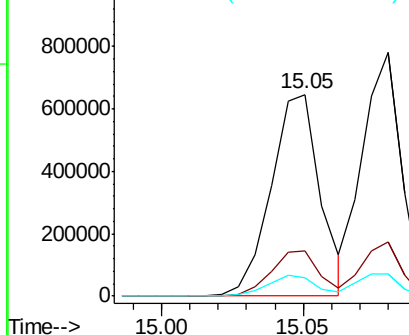


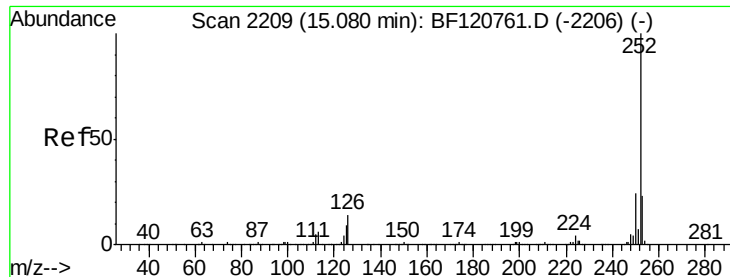
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

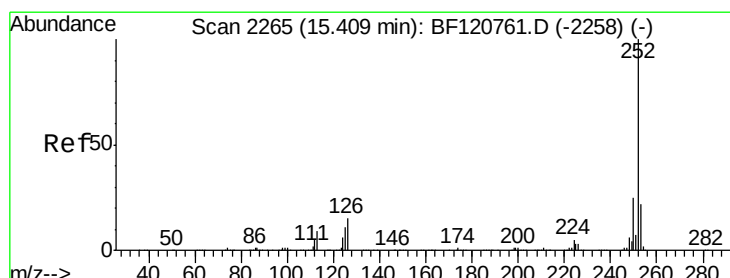
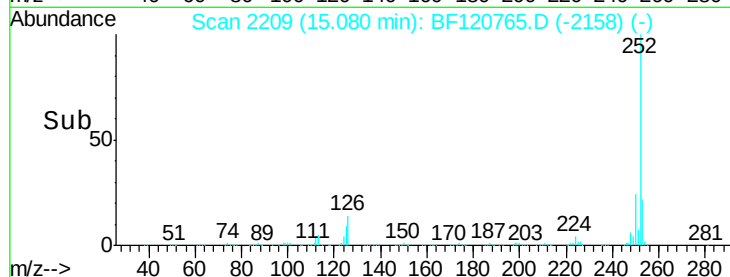
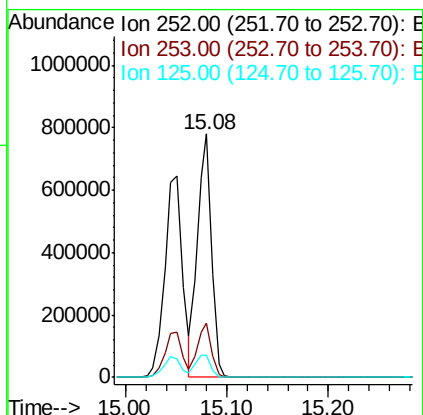
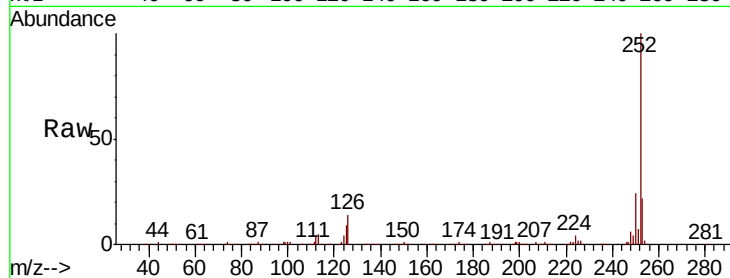




#89
Benzo(k)fluoranthene
Concen: 42.481 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

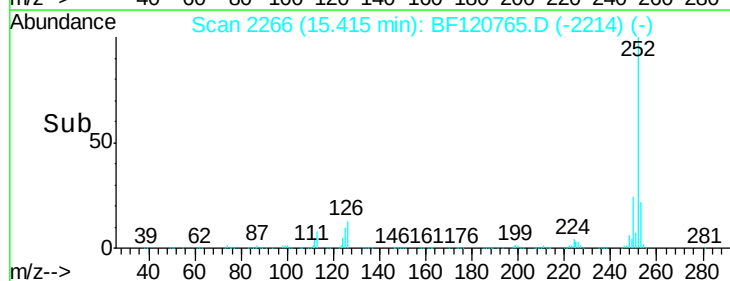
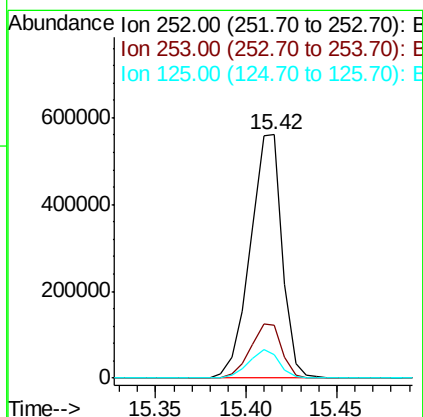
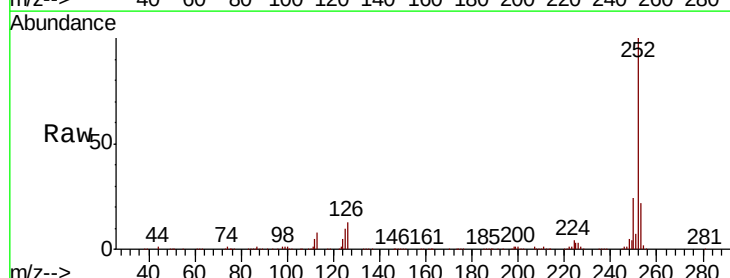
Instrument :
BNA_F
ClientSampleId :
ICVBF070220

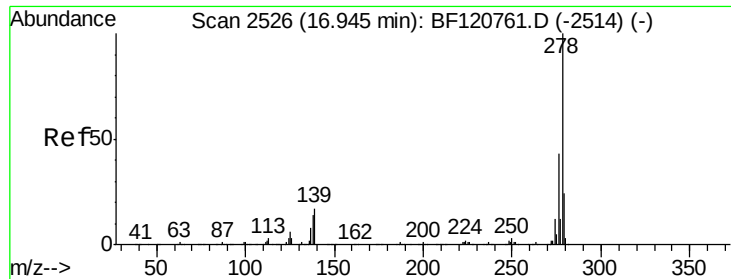
Tot Ion:252 Resp: 749924
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 9.2 7.6 11.4



#90
Benzo(a)pyrene
Concen: 42.321 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Tgt Ion:252 Resp: 684902
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 9.7 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 42.719 ng

RT: 16.94 min Scan# 2526

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

ICVBF070220

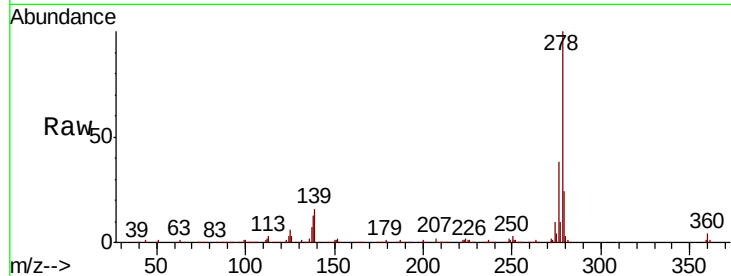
Tot Ion:278 Resp: 630201

Ion Ratio Lower Upper

278 100

139 15.7 13.3 19.9

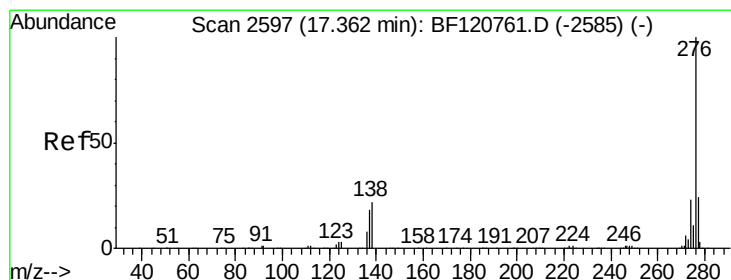
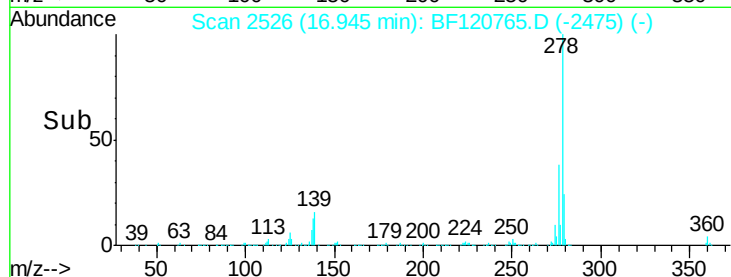
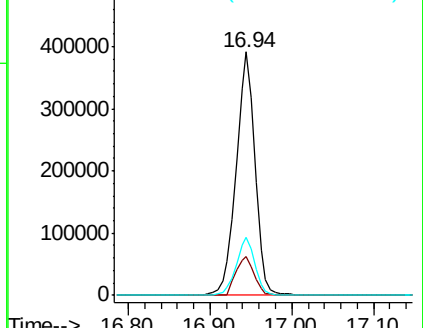
279 23.6 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.359 ng

RT: 17.36 min Scan# 2597

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

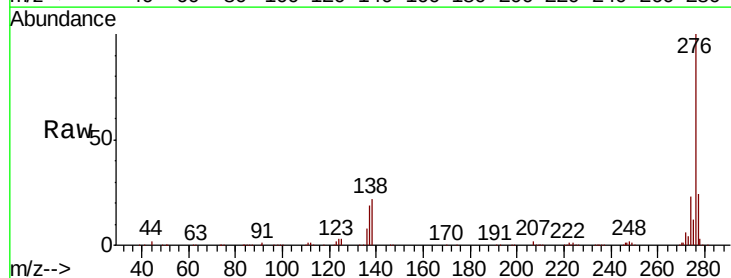
Tgt Ion:276 Resp: 557628

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 22.1 17.4 26.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

