

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
 Data File : BF120795.D
 Acq On : 7 Jul 2020 18:55
 Operator : JU/CG
 Sample : L3202-02MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMS

Quant Time: Jul 08 03:15:54 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	149560	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	562026	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	282597	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	513148	20.00	ng	0.00
76) Chrysene-d12	14.01	240	352435	20.00	ng	0.00
86) Perylene-d12	15.47	264	283593	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1183556	122.16	ng	0.02
7) Phenol-d6	6.48	99	1306629	105.60	ng	0.00
23) Nitrobenzene-d5	7.42	82	1056195	108.88	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	444852	156.69	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1770337	94.78	ng	0.00
79) Terphenyl-d14	12.96	244	1992974	110.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	190799	43.111	ng	99
3) Pyridine	3.43	79	435078	35.890	ng	100
4) n-Nitrosodimethylamine	3.37	42	291267	48.028	ng	98
6) Aniline	6.51	93	505460	31.809	ng	99
8) 2-Chlorophenol	6.63	128	512715	49.705	ng	99
9) Benzaldehyde	6.40	77	88049	11.965	ng	98
10) Phenol	6.49	94	523188	41.105	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	518458	50.057	ng	99
12) 1,3-Dichlorobenzene	6.79	146	538264	47.407	ng	98
13) 1,4-Dichlorobenzene	6.87	146	548401	48.224	ng	98
14) 1,2-Dichlorobenzene	7.02	146	506934	46.854	ng	99
15) Benzyl Alcohol	6.99	79	435921	46.892	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	759059	46.986	ng	100
17) 2-Methylphenol	7.10	107	405478	43.940	ng	99
18) Hexachloroethane	7.36	117	208854	48.864	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	366725	49.226	ng	98
20) 3+4-Methylphenols	7.26	107	475742	41.858	ng	# 82
22) Acetophenone	7.26	105	684725	49.014	ng	# 96
24) Nitrobenzene	7.43	77	568253	52.173	ng	99
25) Isophorone	7.67	82	1033666	49.410	ng	99
26) 2-Nitrophenol	7.75	139	249072	53.867	ng	91
27) 2,4-Dimethylphenol	7.79	122	430631	51.566	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	642859	51.921	ng	100
29) 2,4-Dichlorophenol	7.99	162	418778	50.232	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	460550	49.184	ng	98
31) Naphthalene	8.16	128	1470975	48.974	ng	99
32) Benzoic acid	7.90	122	254925	43.596	ng	95
33) 4-Chloroaniline	8.20	127	282755	22.185	ng	96
34) Hexachlorobutadiene	8.27	225	263284	46.751	ng	100
35) Caprolactam	8.57	113	94725m	38.994	ng	
36) 4-Chloro-3-methylphenol	8.68	107	446422	51.477	ng	97
37) 2-Methylnaphthalene	8.85	142	1000828	51.258	ng	99
38) 1-Methylnaphthalene	8.95	142	944010	51.615	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	425985	49.877	ng	99

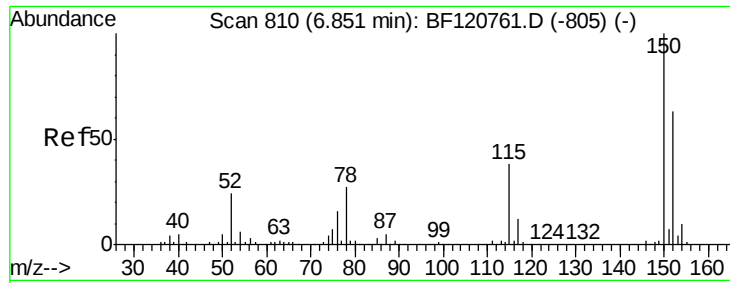
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	445229	88.231	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	302889	52.045	nq	96
44) 2,4,5-Trichlorophenol	9.16	196	320329	49.597	nq	98
46) 1,1'-Biphenyl	9.31	154	1164067	51.067	nq	99
47) 2-Chloronaphthalene	9.33	162	915899	50.154	nq	99
48) 2-Nitroaniline	9.43	65	297693	54.090	nq	97
49) Acenaphthylene	9.75	152	1435407	50.135	nq	99
50) Dimethylphthalate	9.62	163	1172926	56.897	nq	99
51) 2,6-Dinitrotoluene	9.67	165	225753	54.765	nq	88
52) Acenaphthene	9.92	154	952293	53.614	nq	97
53) 3-Nitroaniline	9.84	138	153096	31.257	nq	95
54) 2,4-Dinitrophenol	9.95	184	144521	88.511	nq	95
55) Dibenzofuran	10.10	168	1291072	50.426	nq	98
56) 4-Nitrophenol	10.00	139	326389	86.167	nq	100
57) 2,4-Dinitrotoluene	10.07	165	300274	58.144	nq	92
58) Fluorene	10.44	166	934782	49.052	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	258457m	53.775	nq	
60) Diethylphthalate	10.32	149	1094099	50.948	nq	98
61) 4-Chlorophenyl-phenylether	10.43	204	455986	47.597	nq	99
62) 4-Nitroaniline	10.46	138	230423	52.608	nq	97
63) Azobenzene	10.59	77	1098491	50.005	nq	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	106858	49.298	nq	91
66) n-Nitrosodiphenylamine	10.55	169	900755	52.371	nq	98
67) 4-Bromophenyl-phenylether	10.92	248	294108	49.409	nq	99
68) Hexachlorobenzene	10.99	284	324282	51.916	nq	# 92
69) Atrazine	11.07	200	248993	56.194	nq	98
70) Pentachlorophenol	11.17	266	371099	105.008	nq	99
71) Phenanthrene	11.40	178	1416677	50.881	nq	99
72) Anthracene	11.45	178	1445830	51.388	nq	99
73) Carbazole	11.60	167	1336239	49.422	nq	99
74) Di-n-butylphthalate	11.94	149	1681006	50.218	nq	99
75) Fluoranthene	12.59	202	1509027	50.877	nq	100
77) Benzidine	12.70	184	539955	54.279	nq	99
78) Pyrene	12.82	202	1496227	53.157	nq	100
80) Butylbenzylphthalate	13.44	149	691319	56.888	nq	99
81) Benzo(a)anthracene	14.00	228	1116768	49.433	nq	100
82) 3,3'-Dichlorobenzidine	13.96	252	355455	46.624	nq	# 98
83) Chrysene	14.04	228	1176836	51.069	nq	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	845187	53.037	nq	# 99
85) Di-n-octyl phthalate	14.61	149	1572325	55.772	nq	99
87) Indeno(1,2,3-cd)pyrene	16.93	276	1142863	62.829	nq	100
88) Benzo(b)fluoranthene	15.05	252	1052108	56.431	nq	99
89) Benzo(k)fluoranthene	15.08	252	999926	55.117	nq	99
90) Benzo(a)pyrene	15.41	252	898232	54.008	nq	98
91) Dibenzo(a,h)anthracene	16.95	278	968503	63.882	nq	98
92) Benzo(g,h,i)perylene	17.37	276	894670	64.569	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

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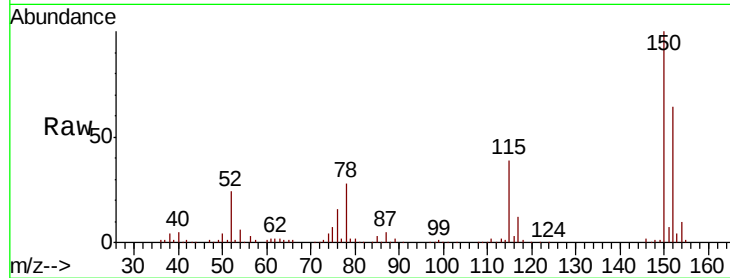
Tot Ion:152 Resp: 149560

Ion Ratio Lower Upper

152 100

150 155.9 126.1 189.1

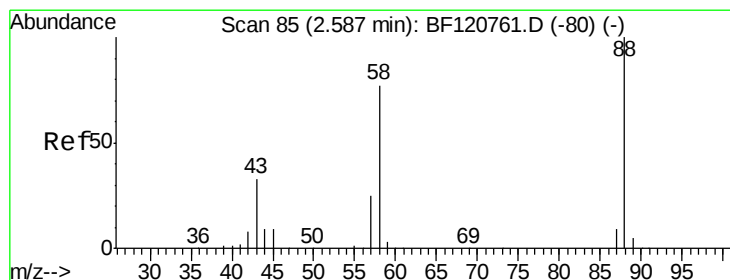
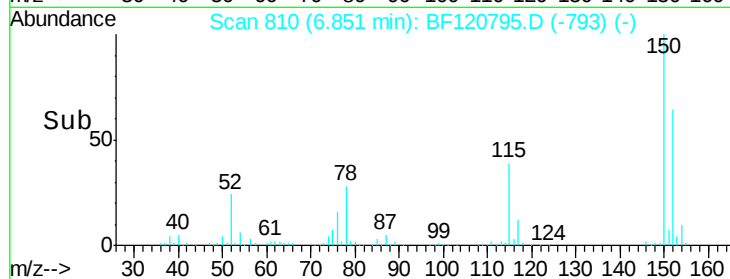
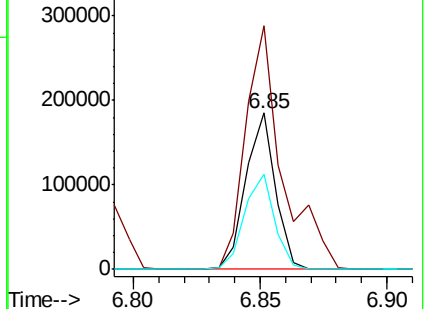
115 61.1 48.5 72.7



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: 43.111 ng

RT: 2.71 min Scan# 106

Delta R.T. 0.12 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

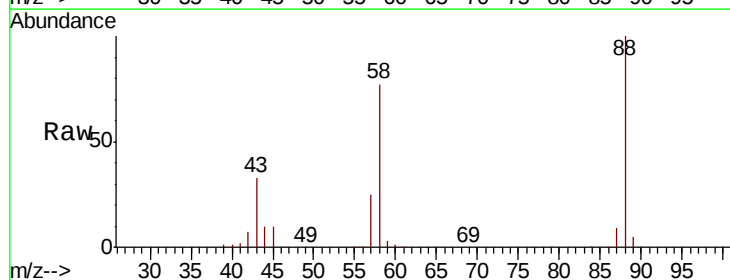
Tgt Ion: 88 Resp: 190799

Ion Ratio Lower Upper

88 100

58 75.2 60.4 90.6

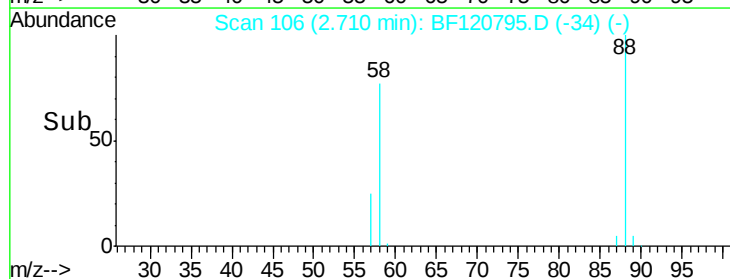
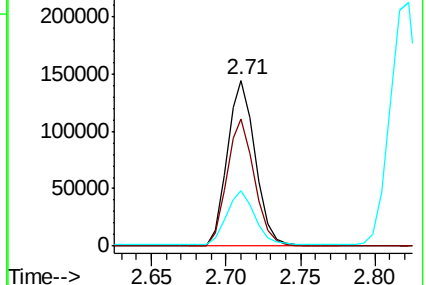
43 32.3 26.3 39.5

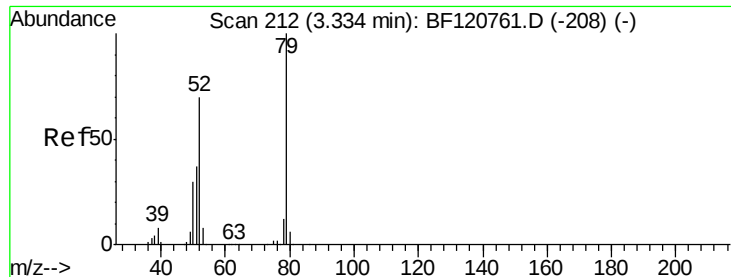


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 35.890 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.09 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

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RO-COMPMS

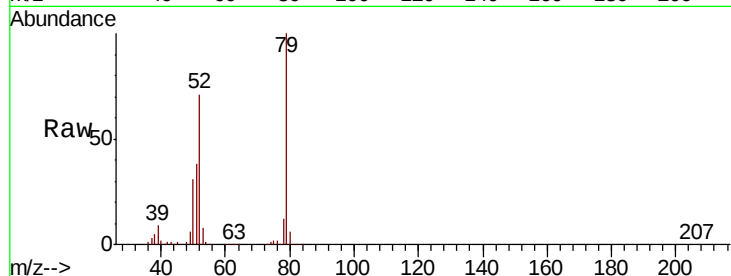
Tot Ion: 79 Resp: 435078

Ion Ratio Lower Upper

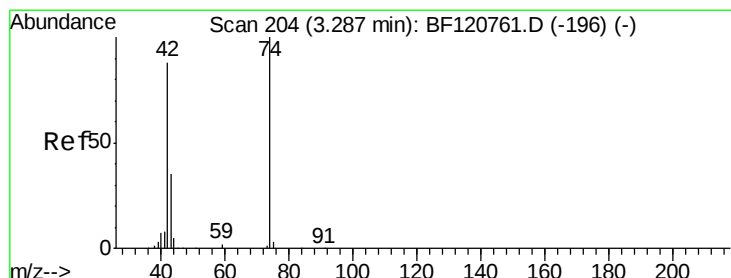
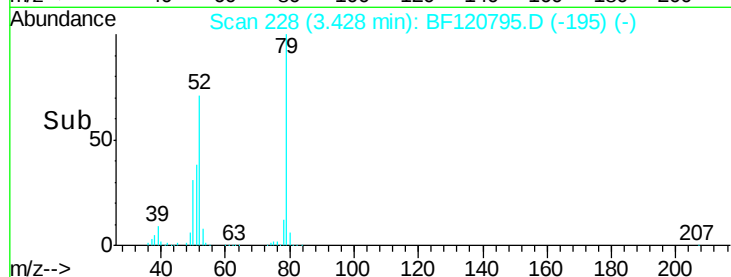
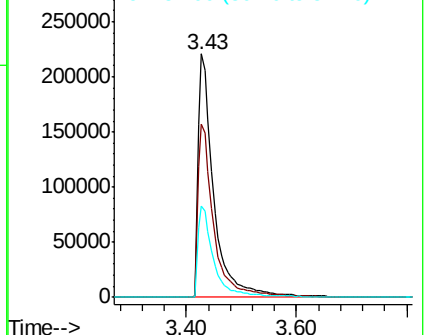
79 100

52 71.0 56.3 84.5

51 37.6 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: 48.028 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.08 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

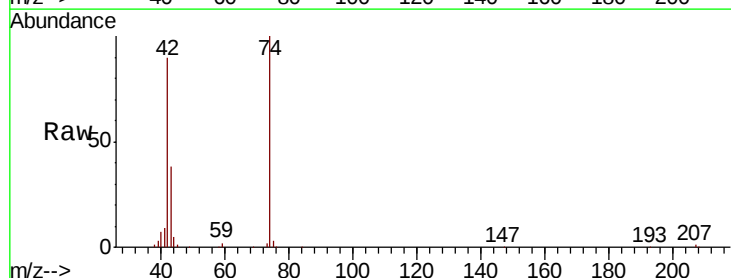
Tgt Ion: 42 Resp: 291267

Ion Ratio Lower Upper

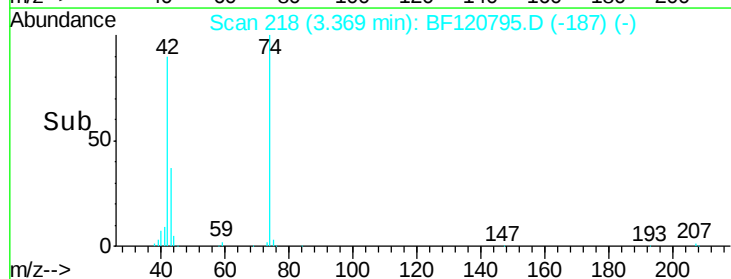
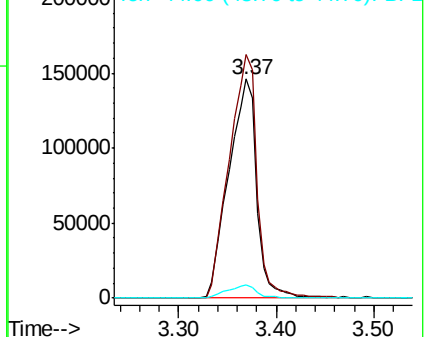
42 100

74 111.2 90.8 136.2

44 5.9 5.8 8.8



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





#5

2-Fluorophenol

Concen: 122.158 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.02 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

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RO-COMPMS

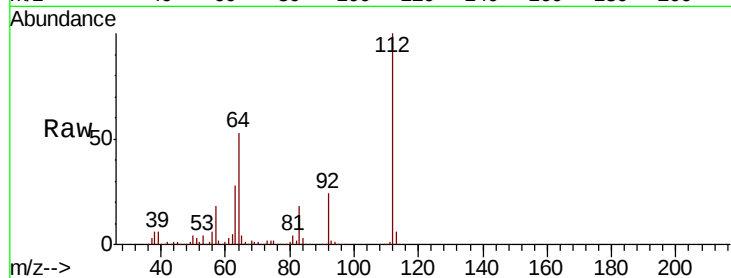
Tot Ion:112 Resp: 1183556

Ion Ratio Lower Upper

112 100

64 53.1 43.8 65.6

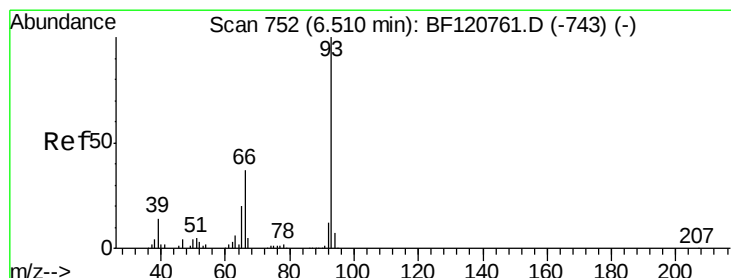
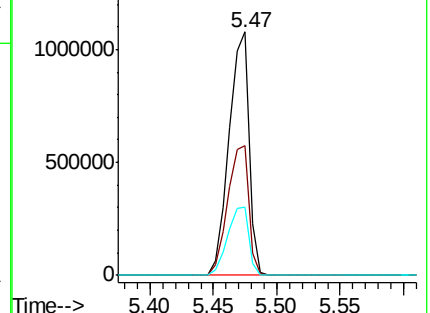
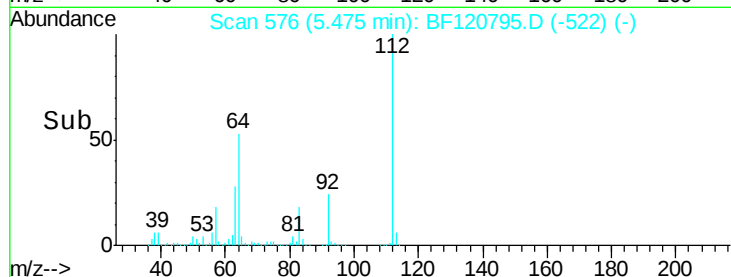
63 28.2 23.6 35.4



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: 31.809 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

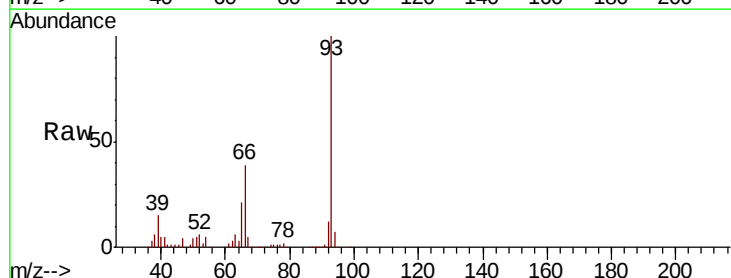
Tgt Ion: 93 Resp: 505460

Ion Ratio Lower Upper

93 100

66 38.6 31.3 46.9

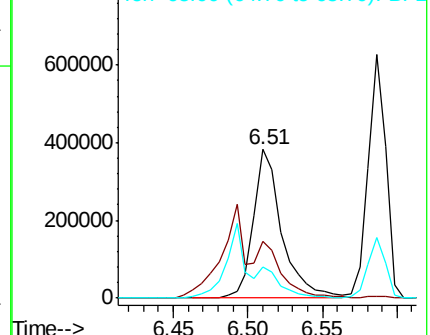
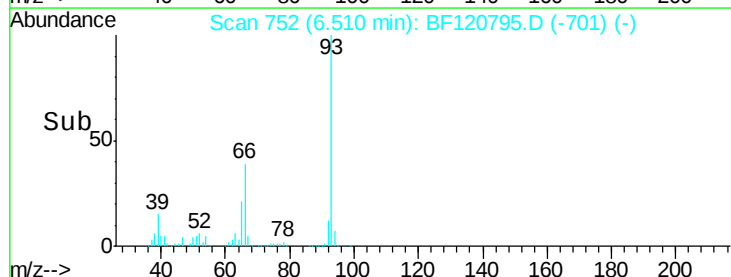
65 21.2 16.5 24.7



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: 105.604 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

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BNA_F

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RO-COMPMS

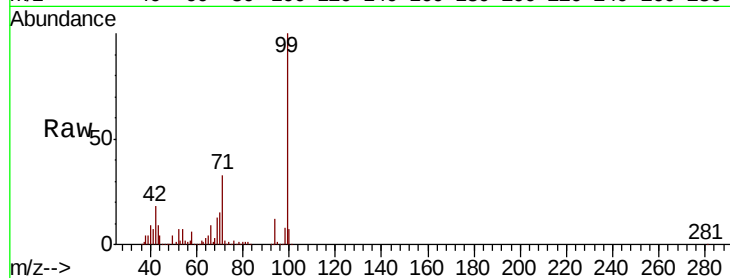
Tot Ion: 99 Resp: 1306629

Ion Ratio Lower Upper

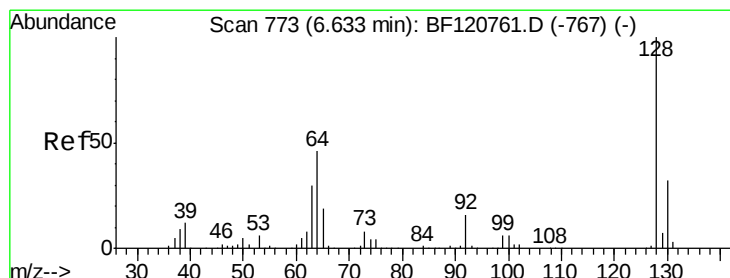
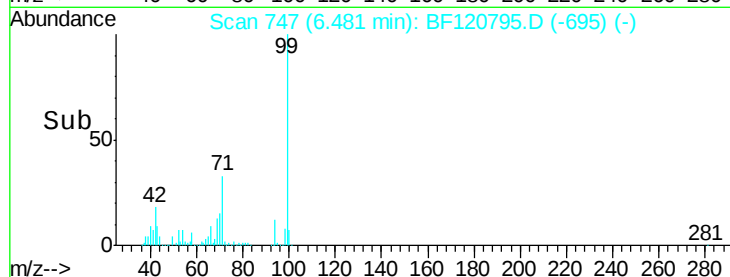
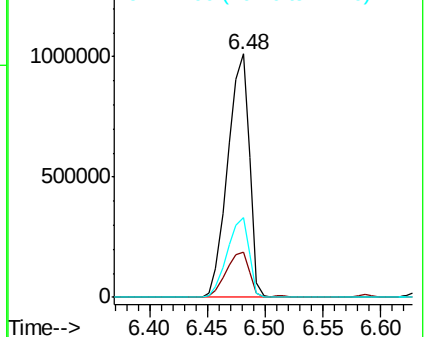
99 100

42 18.4 15.4 23.0

71 32.8 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: 49.705 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF120795.D

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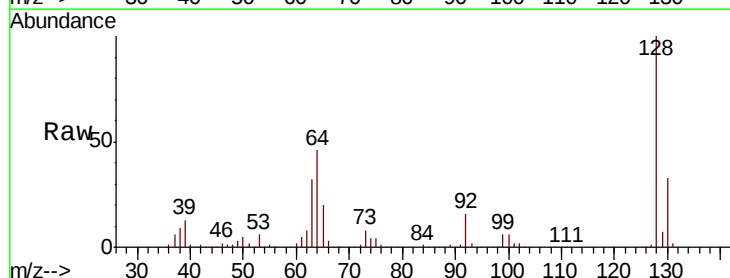
Tgt Ion:128 Resp: 512715

Ion Ratio Lower Upper

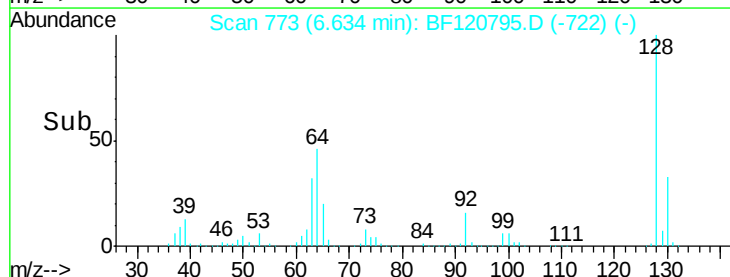
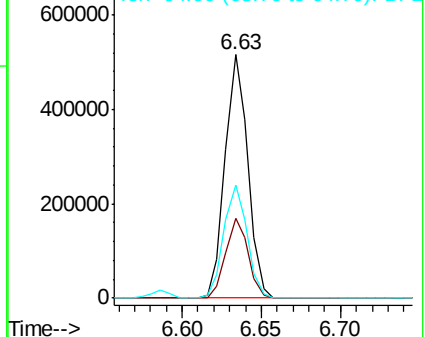
128 100

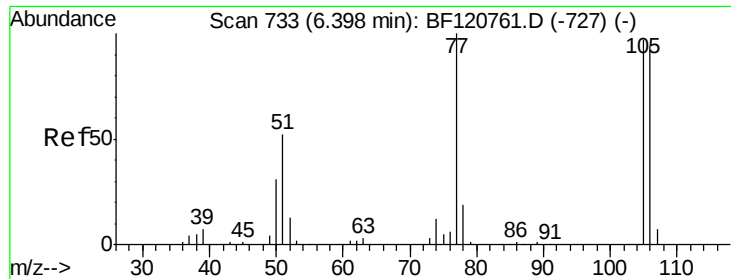
130 32.8 12.1 52.1

64 46.5 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

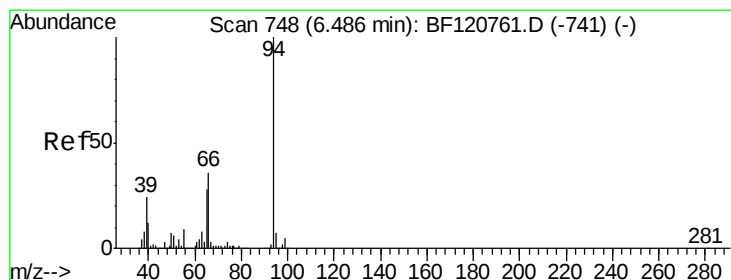
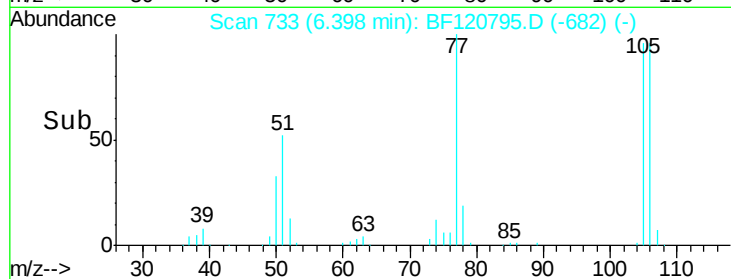
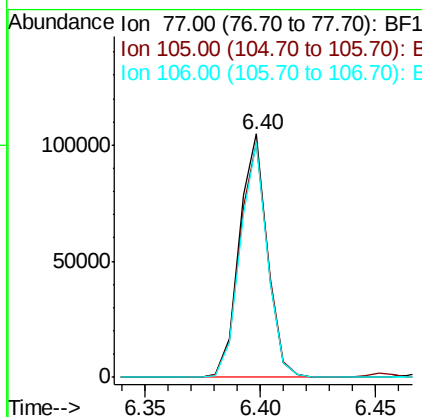
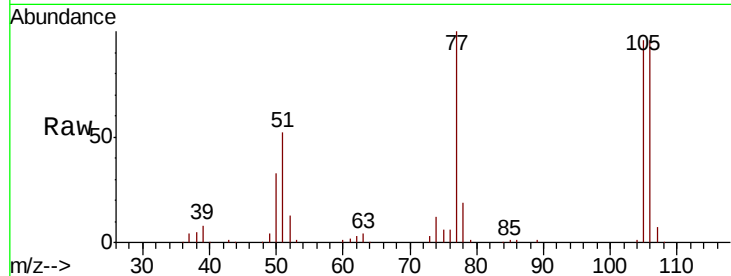




#9
Benzaldehyde
Concen: 11.965 ng
RT: 6.40 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

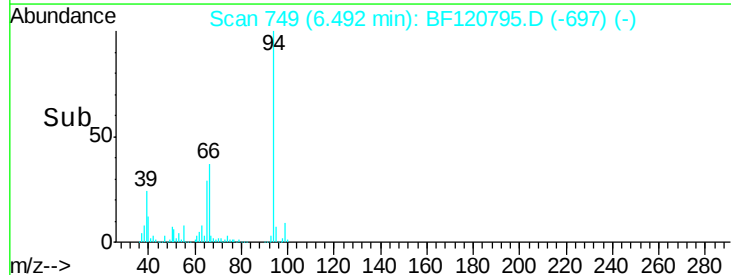
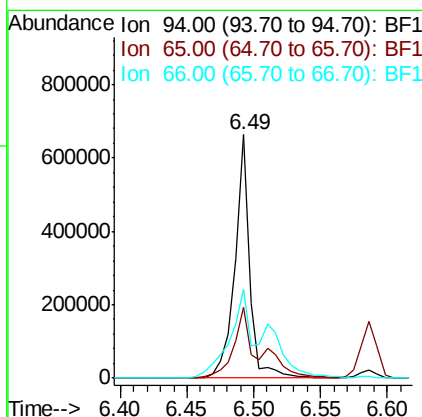
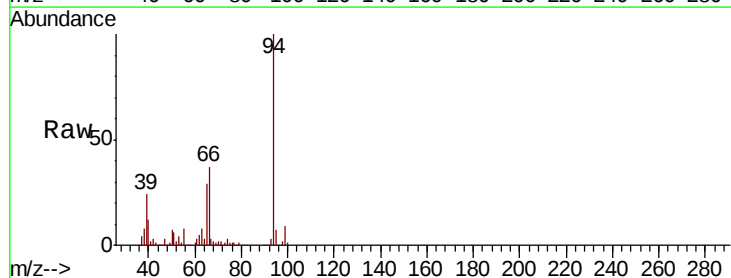
Instrument :
BNA_F
ClientSampleId :
RO-COMPMS

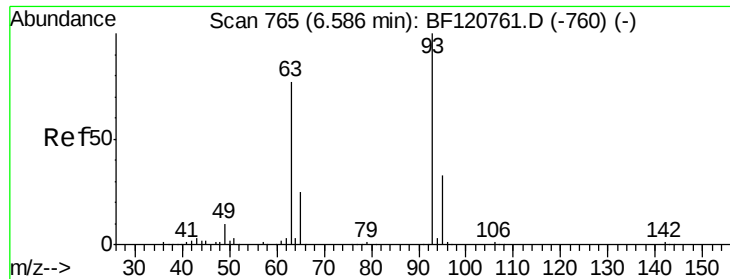
Tot Ion: 77 Resp: 88049
Ion Ratio Lower Upper
77 100
105 96.2 76.8 116.8
106 96.5 73.8 113.8



#10
Phenol
Concen: 41.105 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

Tgt Ion: 94 Resp: 523188
Ion Ratio Lower Upper
94 100
65 29.0 8.4 48.4
66 36.6 16.5 56.5

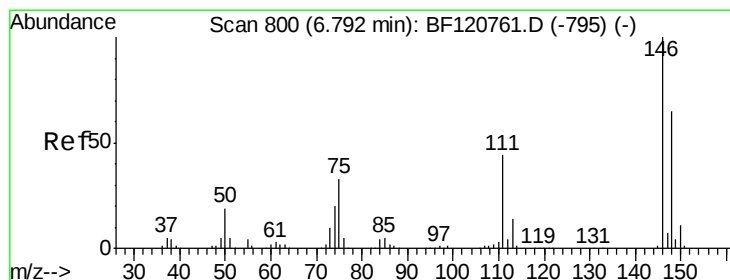
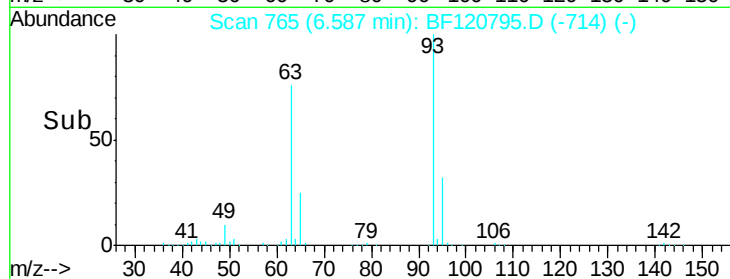
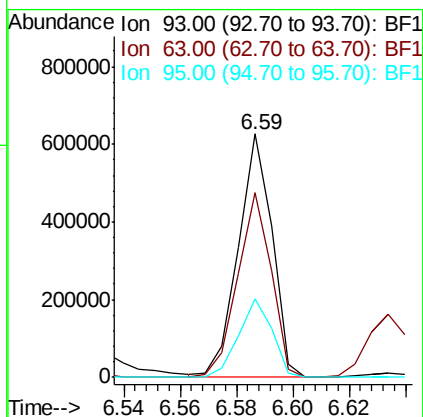
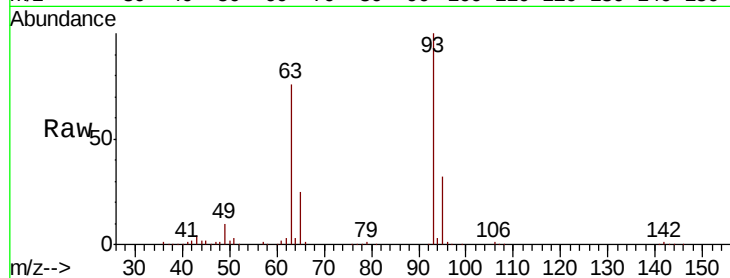




#11
 bis(2-Chloroethyl)ether
 Concen: 50.057 ng
 RT: 6.59 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

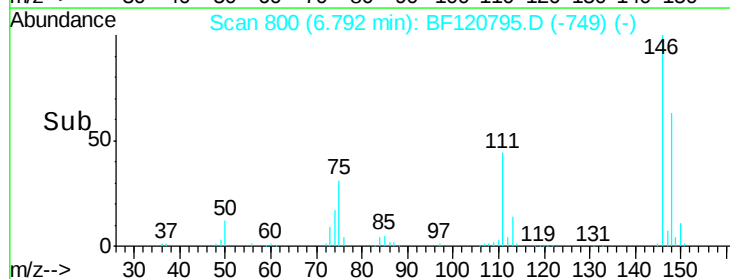
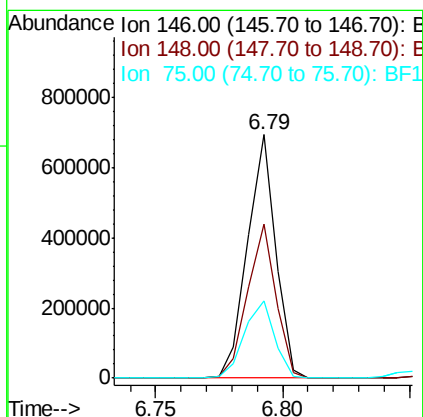
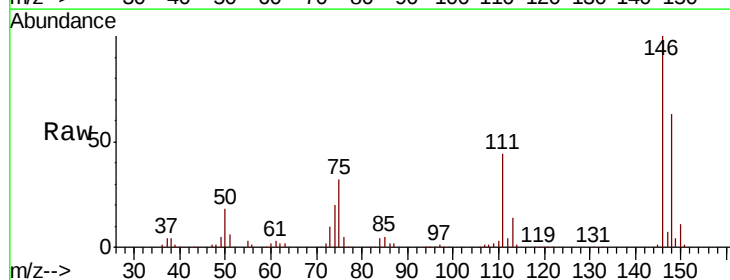
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMS

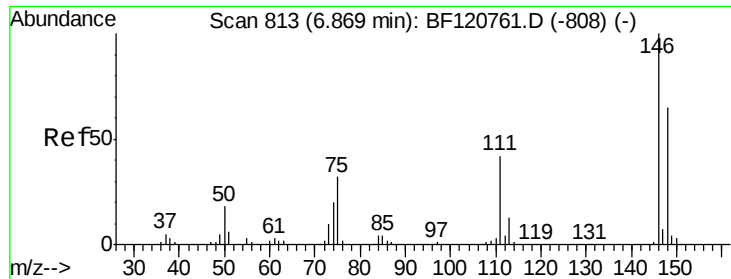
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.9	56.9	96.9
95	32.0	13.3	53.3



#12
 1,3-Dichlorobenzene
 Concen: 47.407 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.1	78.1
75	31.9	26.0	39.0

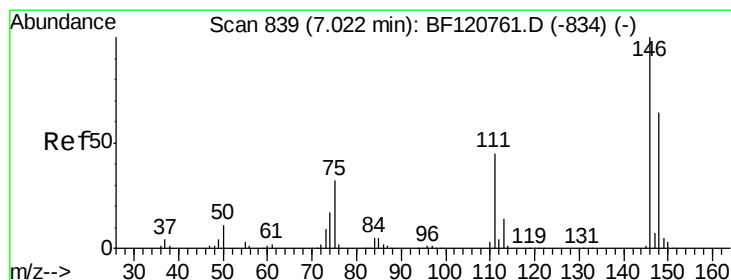
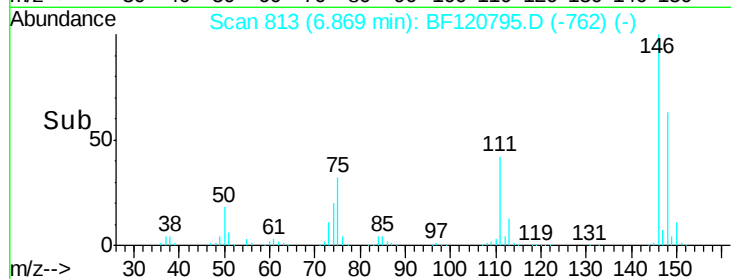
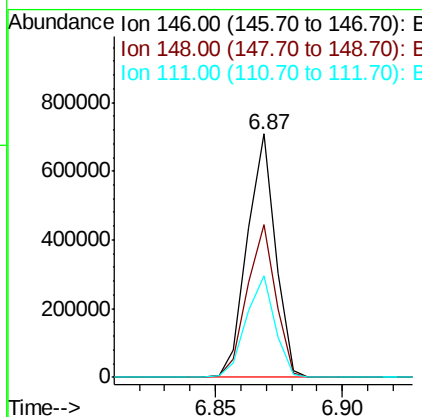
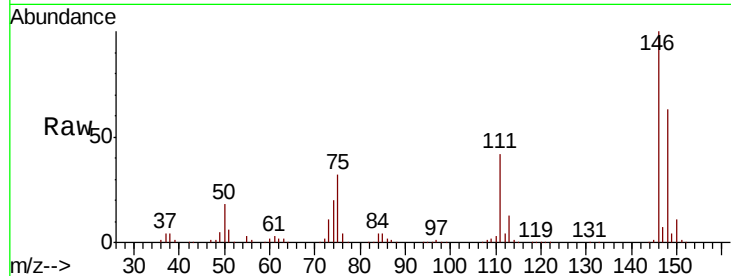




#13
 1,4-Dichlorobenzene
 Concen: 48.224 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

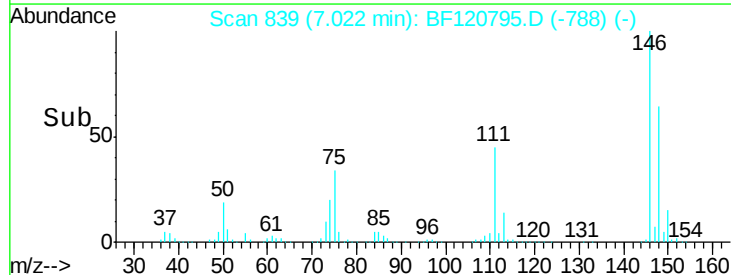
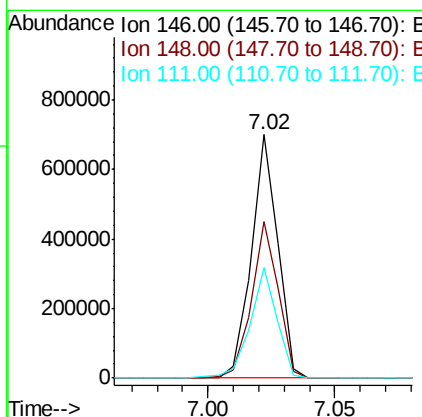
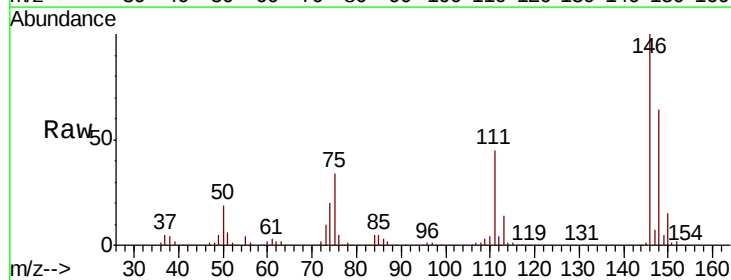
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMS

Tot Ion:146 Resp: 548401
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.8 77.6
 111 41.8 33.7 50.5



#14
 1,2-Dichlorobenzene
 Concen: 46.854 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

Tgt Ion:146 Resp: 506934
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.0 76.4
 111 45.2 35.7 53.5





#15

Benzyl Alcohol

Concen: 46.892 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.01 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

BNA_F

ClientSampled :

RO-COMPMS

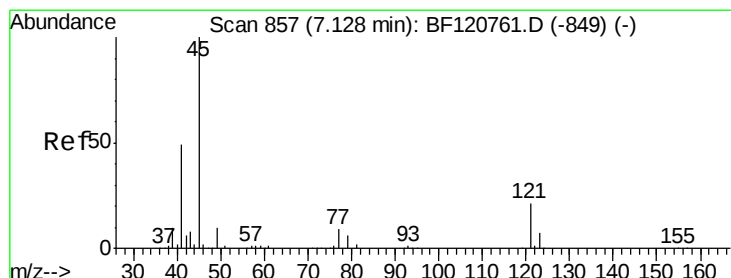
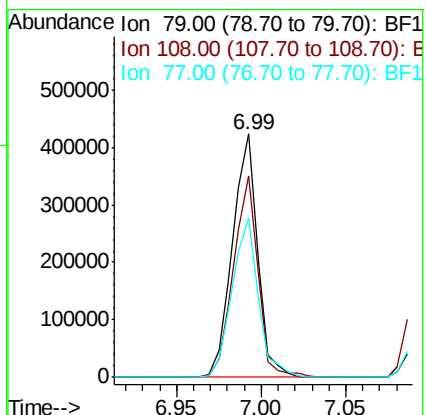
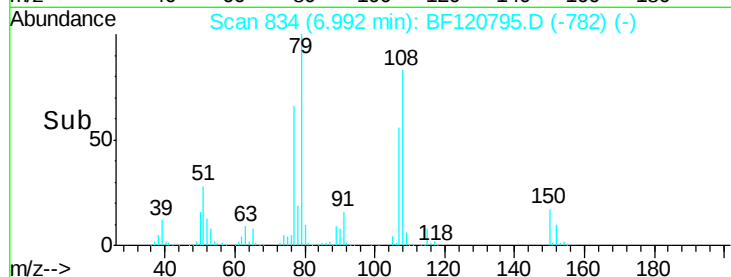
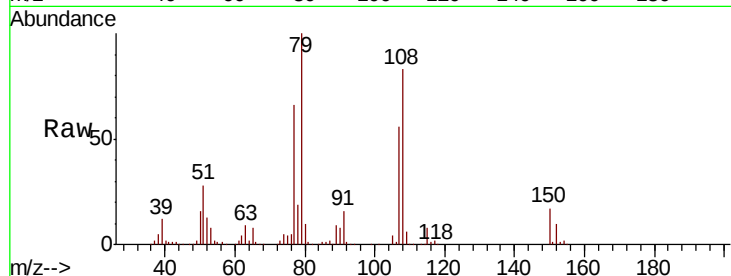
Tot Ion: 79 Resp: 435921

Ion Ratio Lower Upper

79 100

108 82.8 62.4 93.6

77 65.6 52.7 79.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.986 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

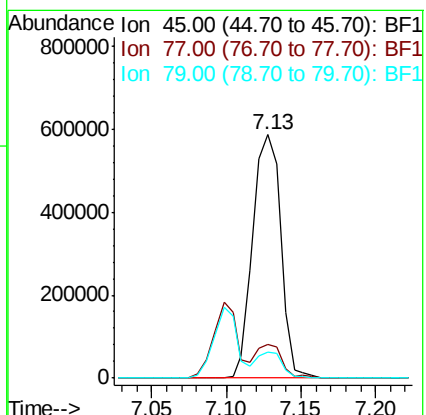
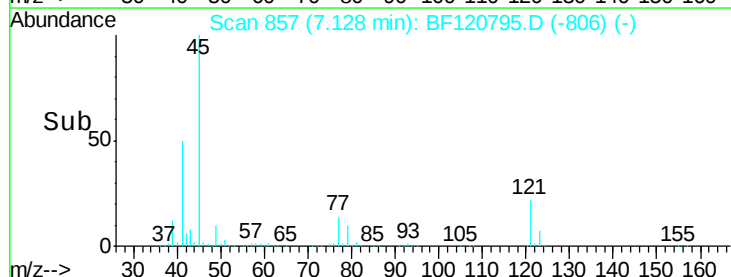
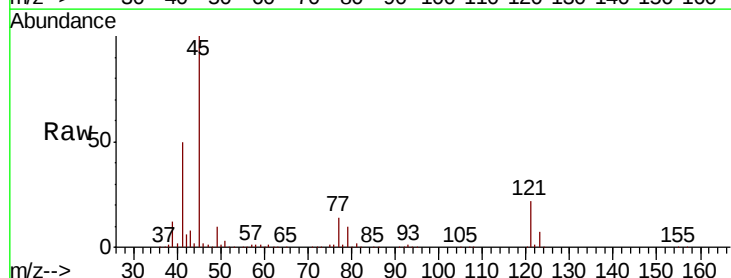
Tgt Ion: 45 Resp: 759059

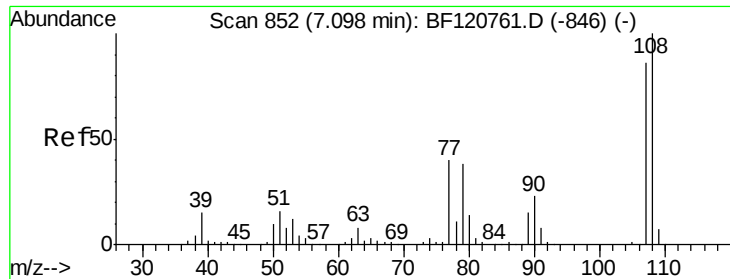
Ion Ratio Lower Upper

45 100

77 14.0 0.0 33.7

79 10.5 0.0 30.5

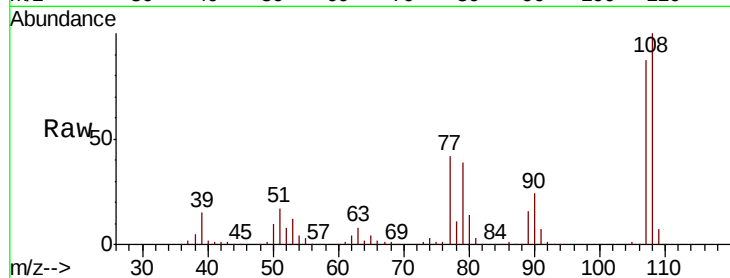




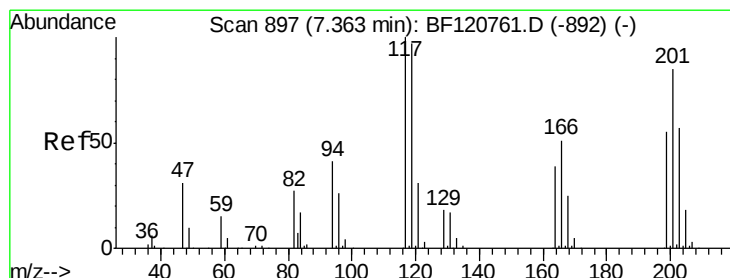
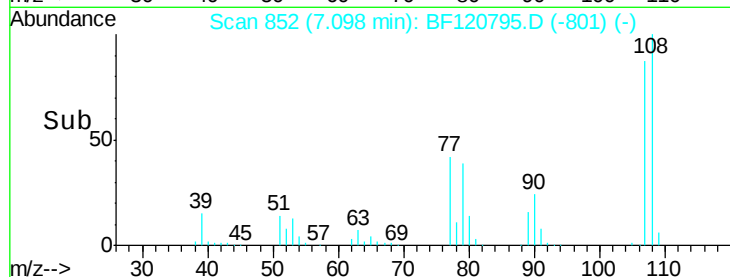
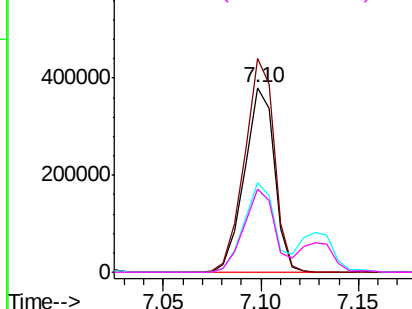
#17
2-Methylphenol
Concen: 43.940 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

Instrument :
BNA_F
ClientSampleId :
RO-COMPMS

Tot Ion:107 Resp: 405478
Ion Ratio Lower Upper
107 100
108 115.5 93.1 139.7
77 48.3 37.3 55.9
79 45.2 35.3 52.9

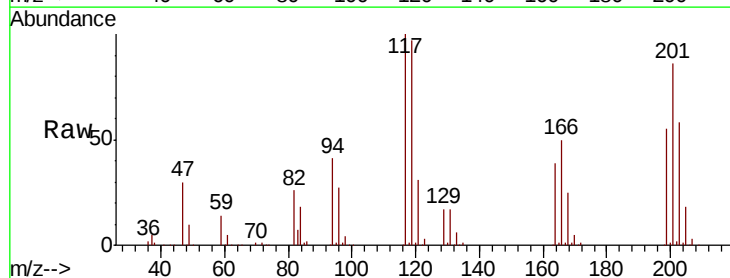


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

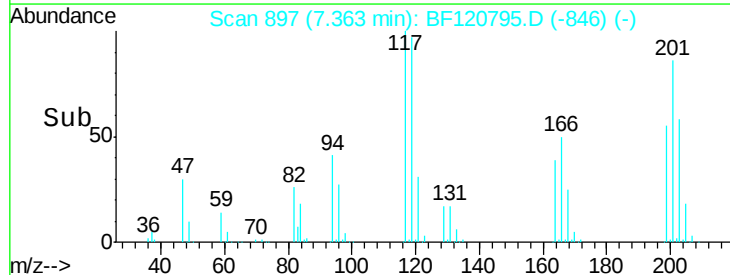
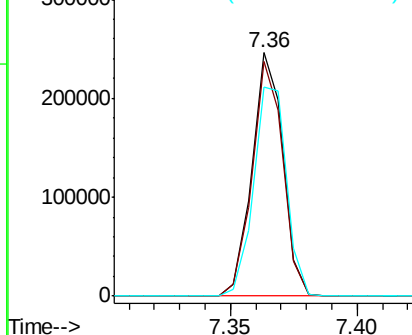


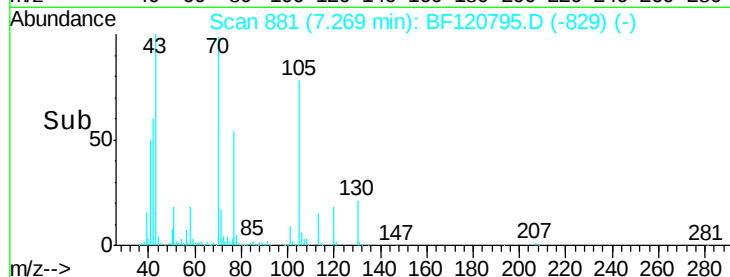
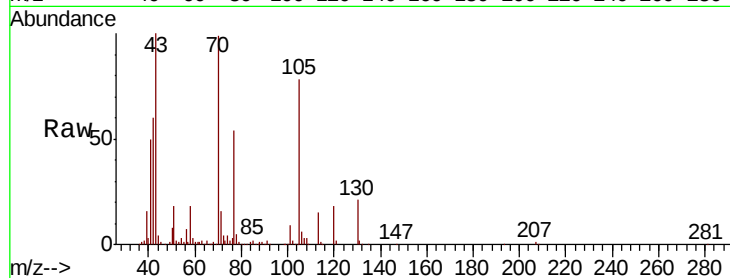
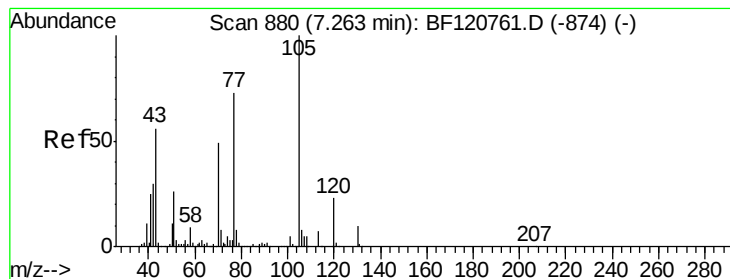
#18
Hexachloroethane
Concen: 48.864 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

Tgt Ion:117 Resp: 208854
Ion Ratio Lower Upper
117 100
119 96.6 77.9 116.9
201 85.9 68.3 102.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 49.226 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.01 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

BNA_F

ClientSampleId :

RO-COMPMS

Tot Ion: 70 Resp: 366725

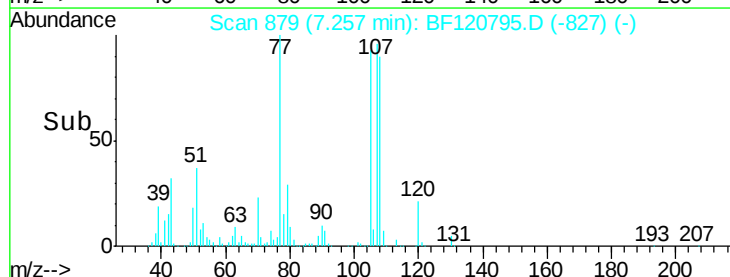
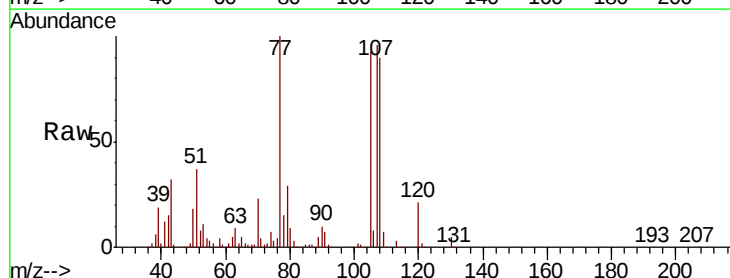
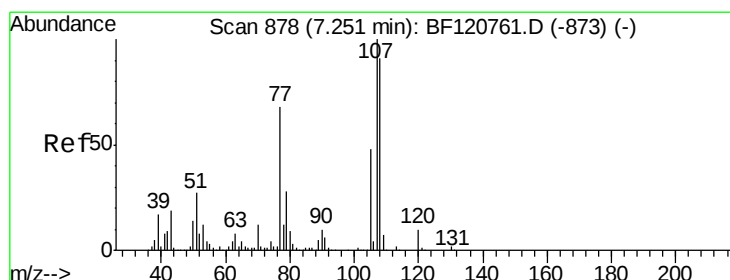
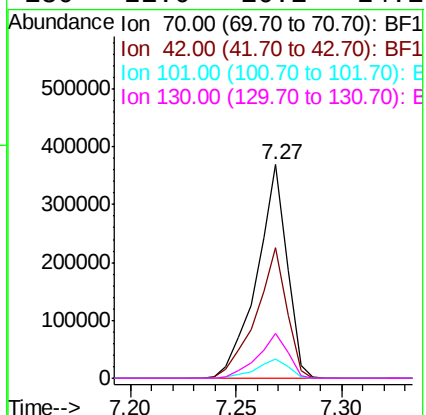
Ion Ratio Lower Upper

70 100

42 60.9 50.3 75.5

101 9.3 7.5 11.3

130 21.0 16.1 24.1



#20

3+4-Methylphenols

Concen: 41.858 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.01 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Tgt Ion:107 Resp: 475742

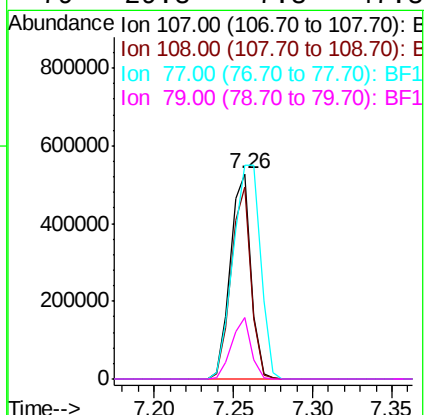
Ion Ratio Lower Upper

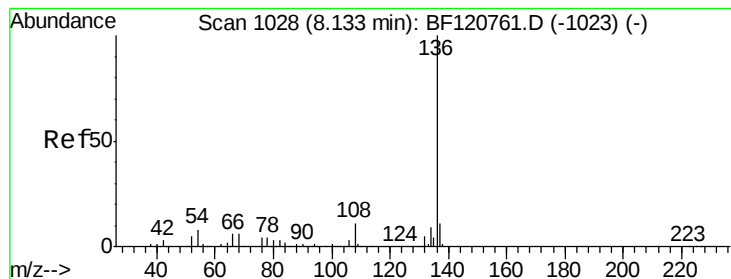
107 100

108 93.8 70.9 110.9

77 104.1 48.3 88.3#

79 29.8 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: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

BNA_F

ClientSampleId :

RO-COMPMS

Tot Ion:136 Resp: 562026

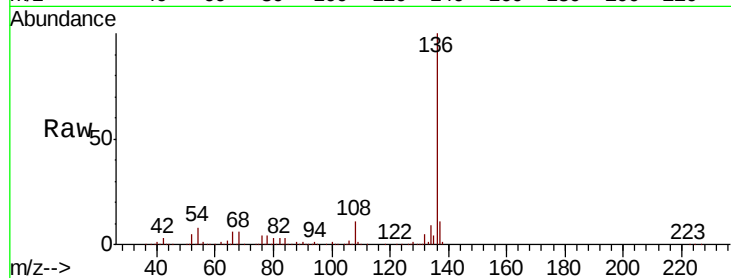
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 7.9 6.2 9.4

68 5.7 4.7 7.1

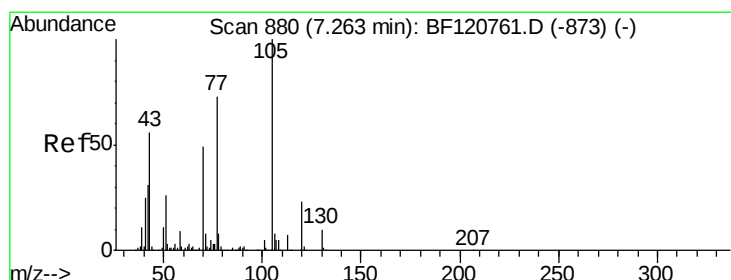
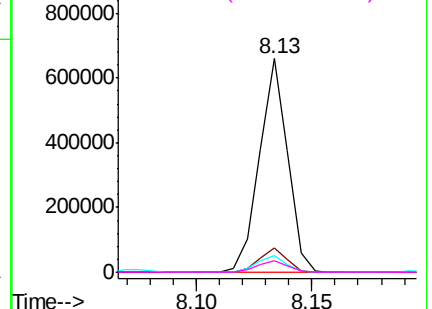
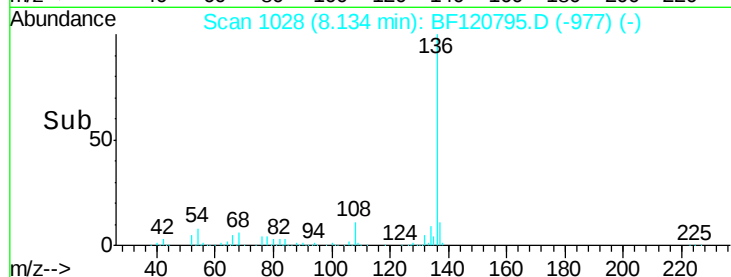


Abundance Ion 136.00 (135.70 to 136.70): E

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: 49.014 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Tgt Ion:105 Resp: 684725

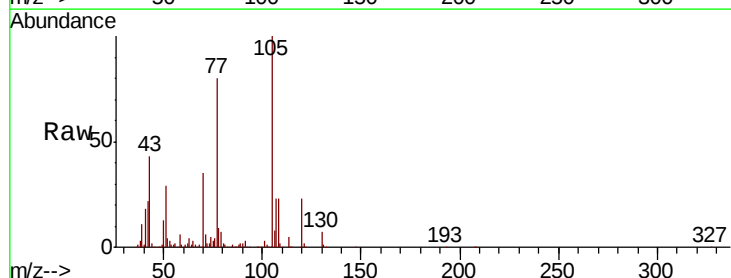
Ion Ratio Lower Upper

105 100

71 6.0 6.5 9.7#

51 28.8 21.0 31.4

120 22.6 18.6 28.0

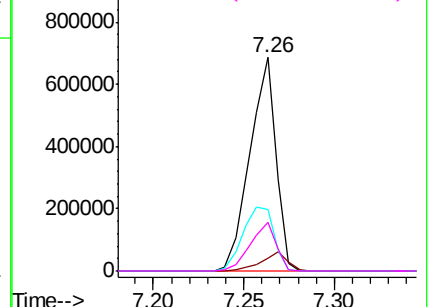
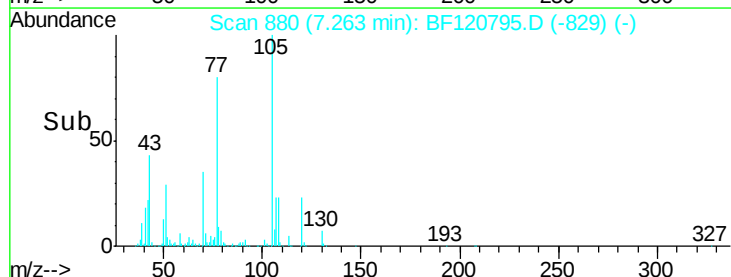


Abundance Ion 105.00 (104.70 to 105.70): E

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

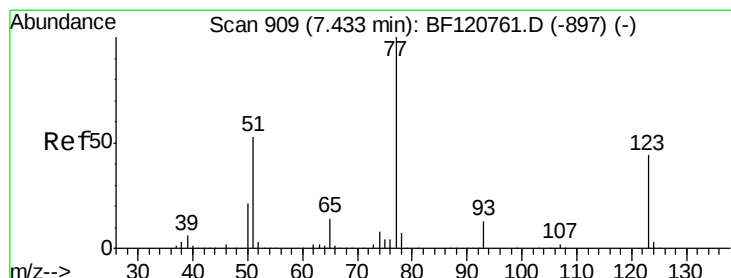
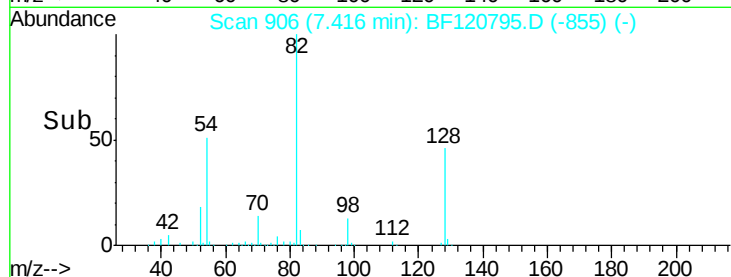
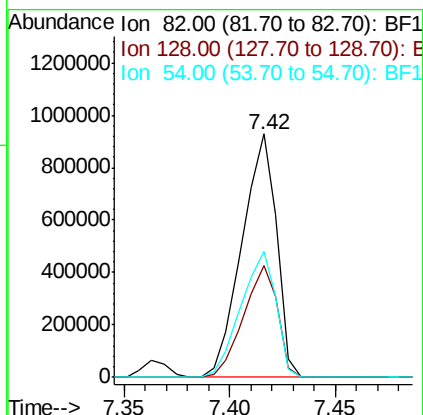
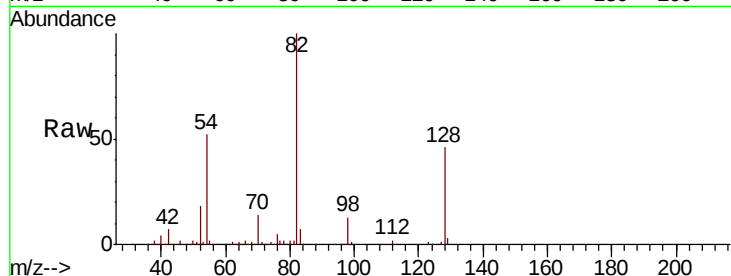




#23
Nitrobenzene-d5
Concen: 108.880 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

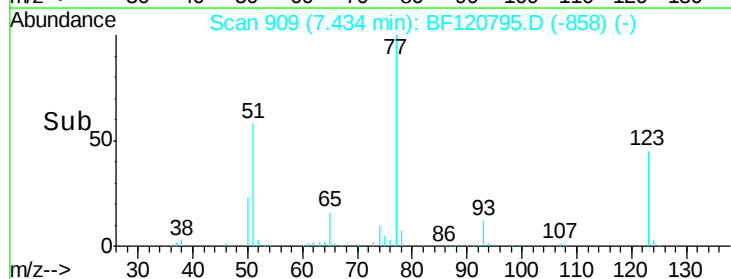
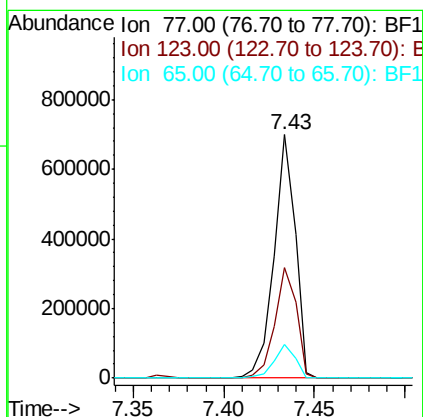
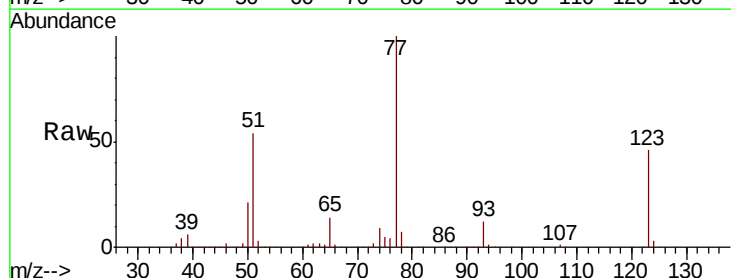
Instrument :
BNA_F
ClientSampleId :
RO-COMPMS

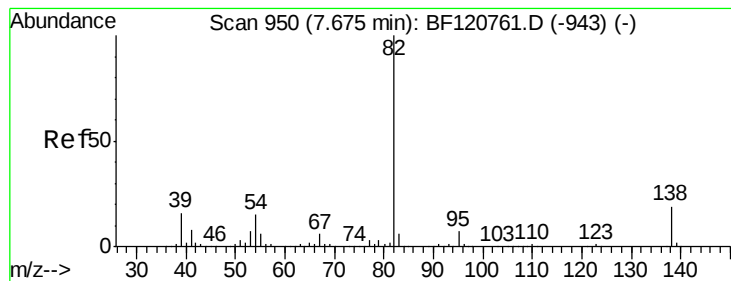
Tot Ion: 82 Resp: 1056195
Ion Ratio Lower Upper
82 100
128 45.8 35.7 53.5
54 51.5 40.9 61.3



#24
Nitrobenzene
Concen: 52.173 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

Tgt Ion: 77 Resp: 568253
Ion Ratio Lower Upper
77 100
123 45.6 36.1 54.1
65 14.0 11.0 16.4





#25

Isophorone

Concen: 49.410 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

BNA_F

ClientSampleId :

RO-COMPMS

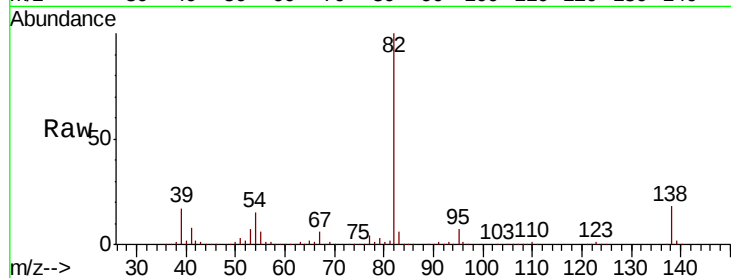
Tot Ion: 82 Resp: 1033666

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

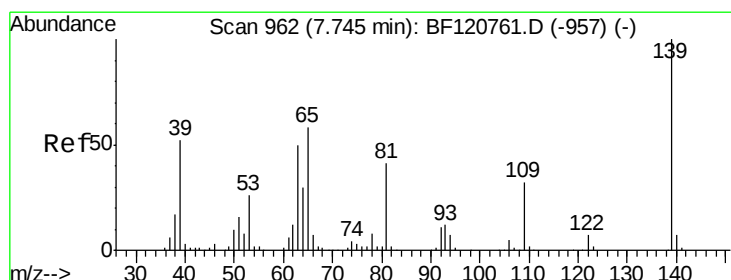
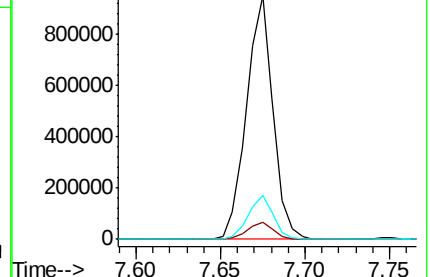
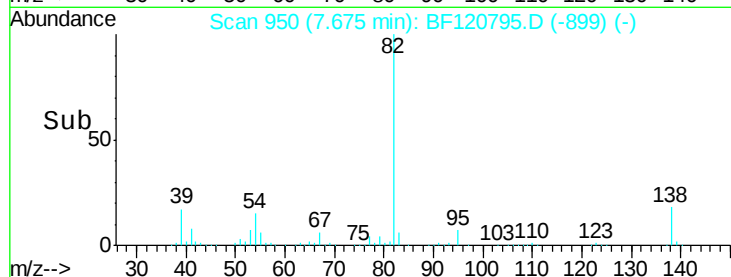
138 18.0 15.0 22.4



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: 53.867 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.01 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

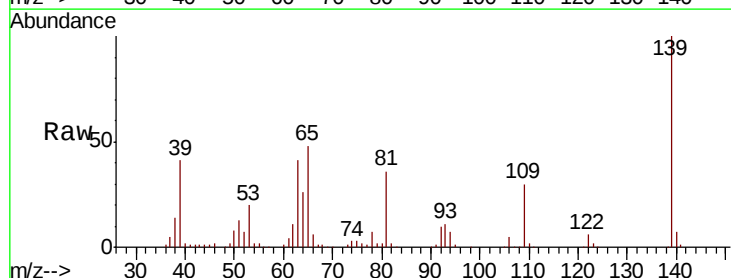
Tgt Ion: 139 Resp: 249072

Ion Ratio Lower Upper

139 100

109 30.4 25.3 37.9

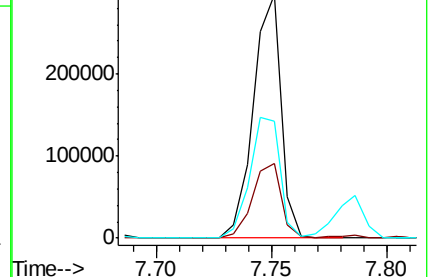
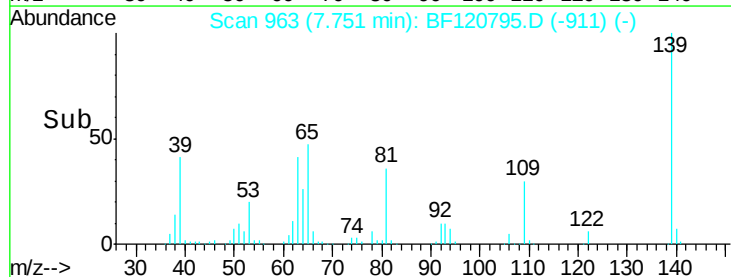
65 48.1 46.2 69.2

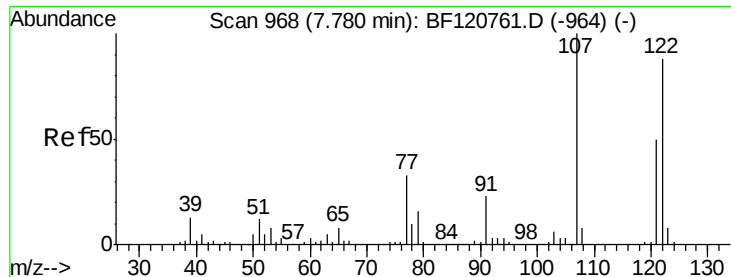


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

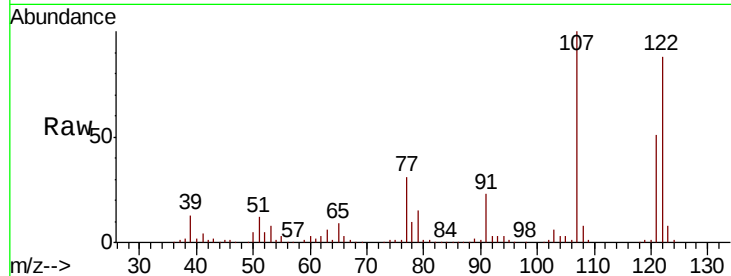




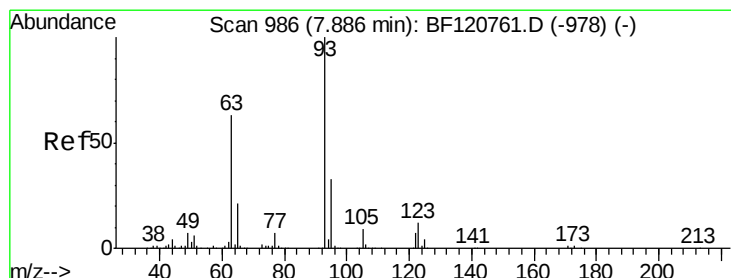
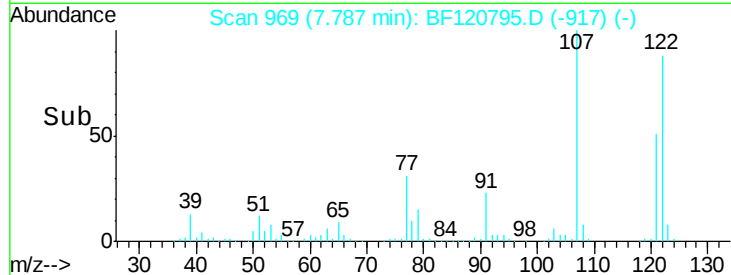
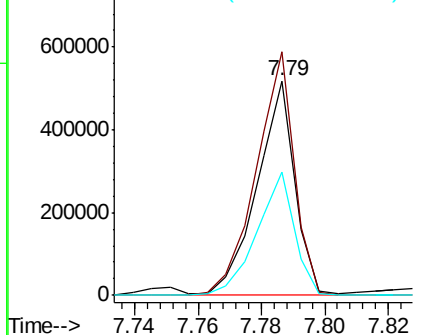
#27
 2,4-Dimethylphenol
 Concen: 51.566 ng
 RT: 7.79 min Scan# 969
 Delta R.T. 0.01 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.6	90.7	136.1
121	57.6	45.4	68.0

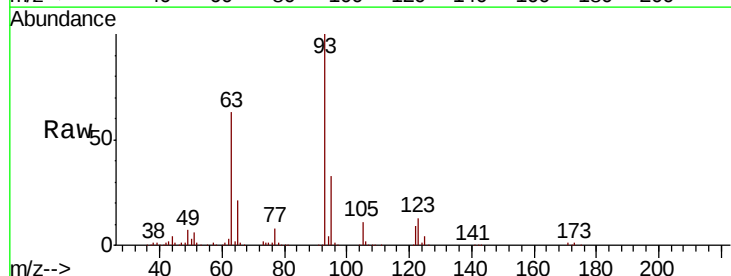


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

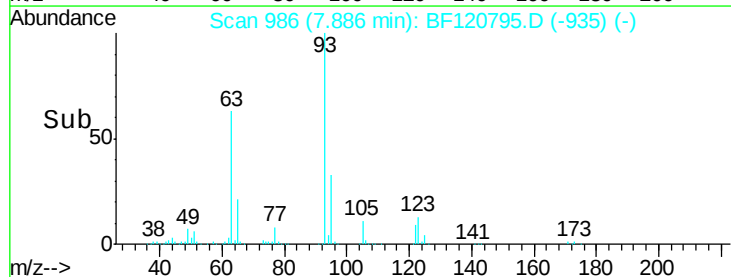
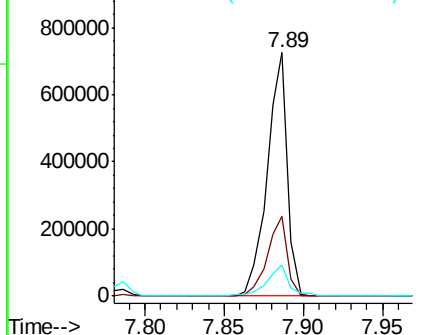


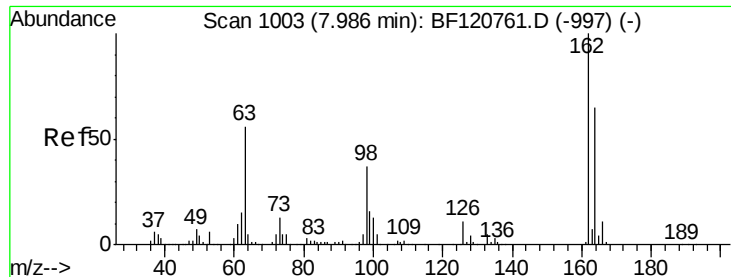
#28
 bis(2-Chloroethoxy)methane
 Concen: 51.921 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.4	39.6
123	12.7	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

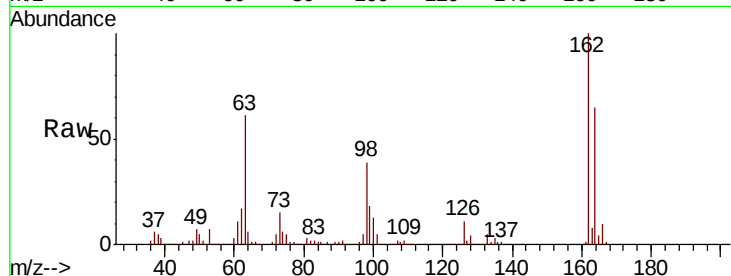




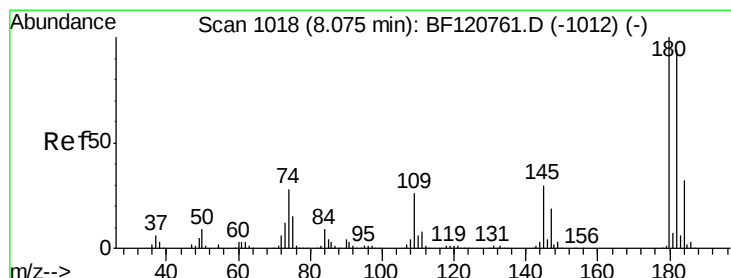
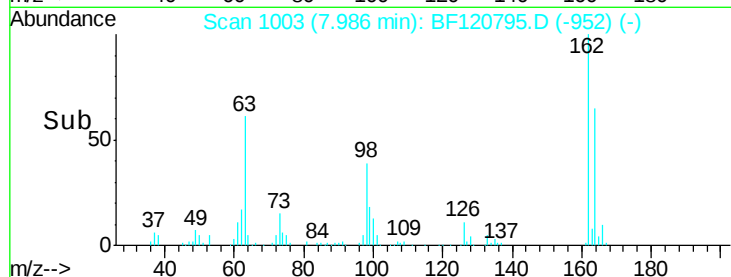
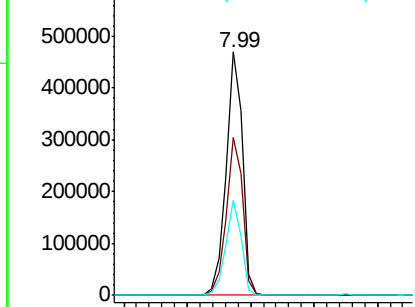
#29
 2,4-Dichlorophenol
 Concen: 50.232 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	45.2	85.2
98	38.8	17.0	57.0

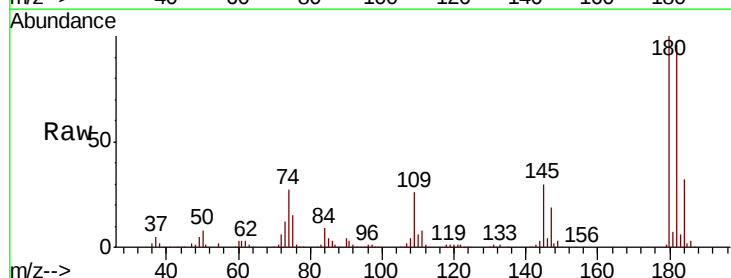


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

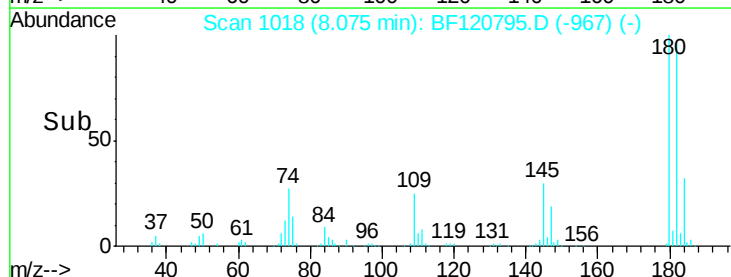
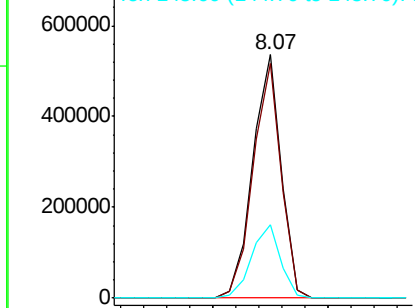


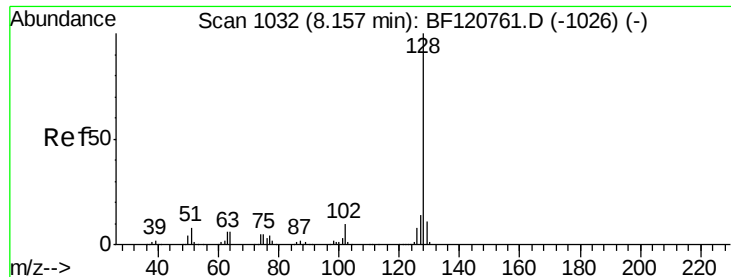
#30
 1,2,4-Trichlorobenzene
 Concen: 49.184 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.5	113.3
145	30.3	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

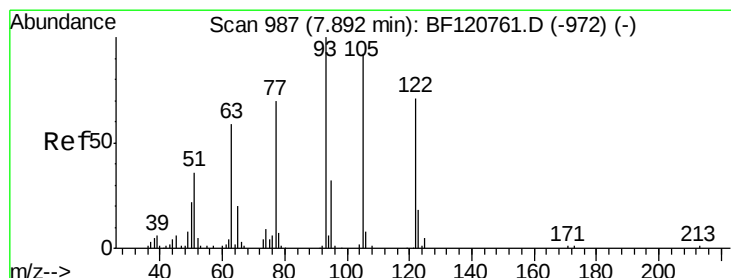
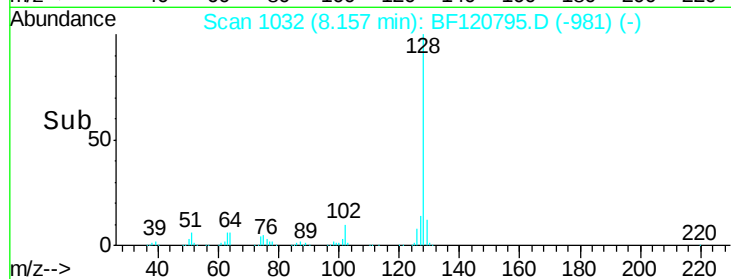
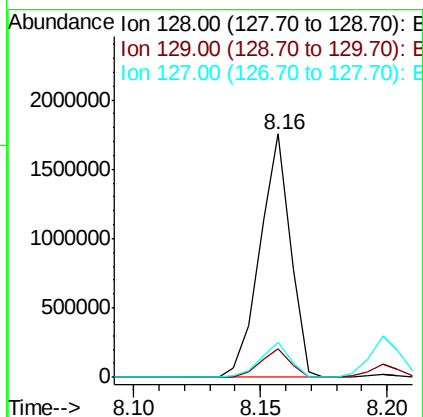
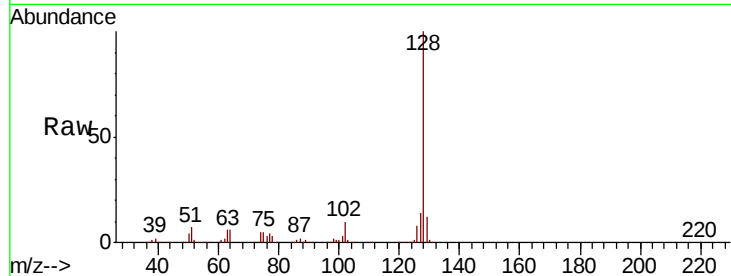




#31
Naphthalene
Concen: 48.974 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

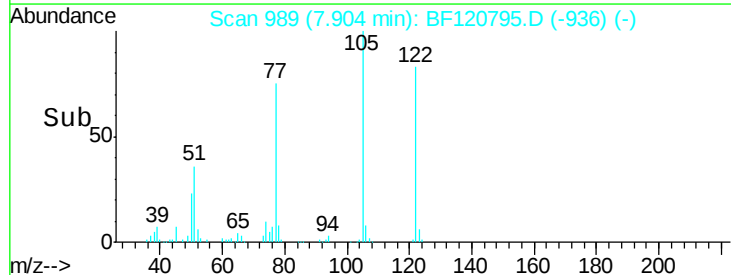
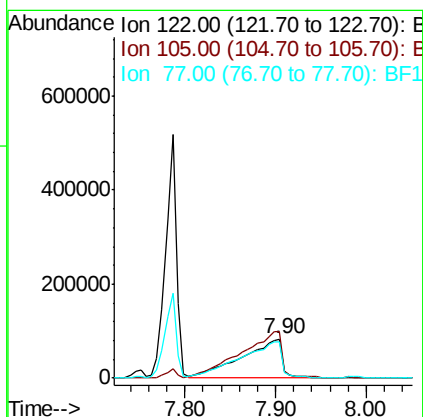
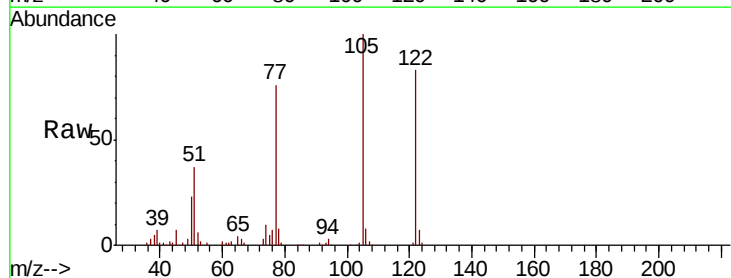
Instrument :
BNA_F
ClientSampleId :
RO-COMPMS

Tot Ion:128 Resp: 1470975
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 14.1 11.1 16.7



#32
Benzoic acid
Concen: 43.596 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

Tgt Ion:122 Resp: 254925
Ion Ratio Lower Upper
122 100
105 120.8 105.8 145.8
77 92.1 77.3 117.3

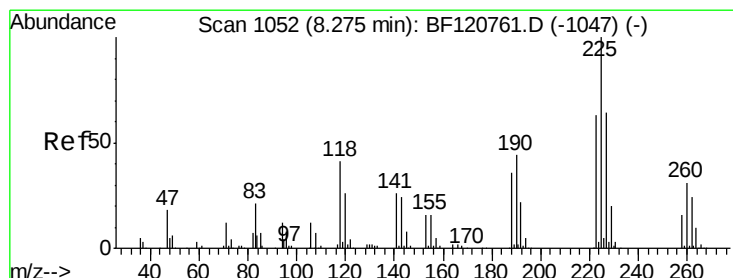
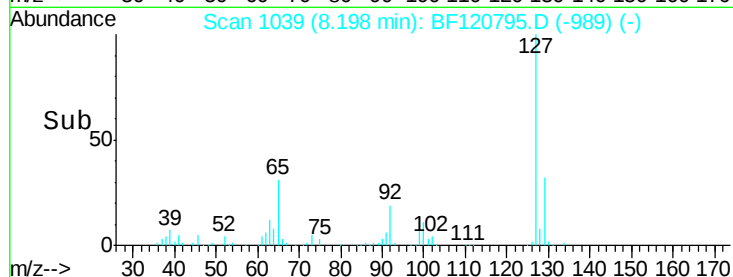
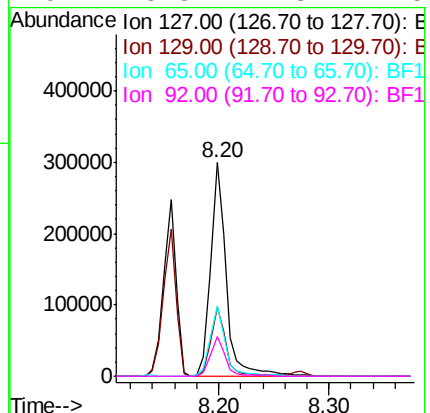
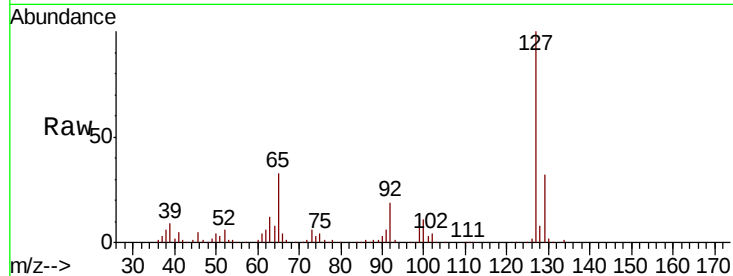




#33
4-Chloroaniline
Concen: 22.185 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

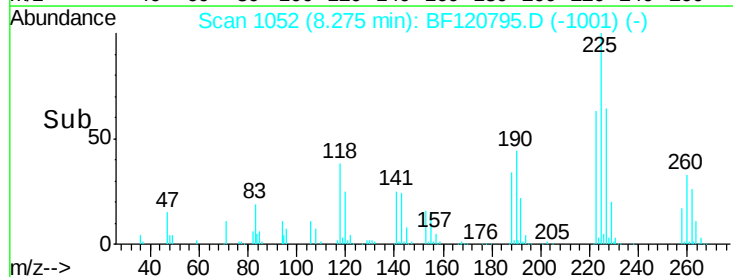
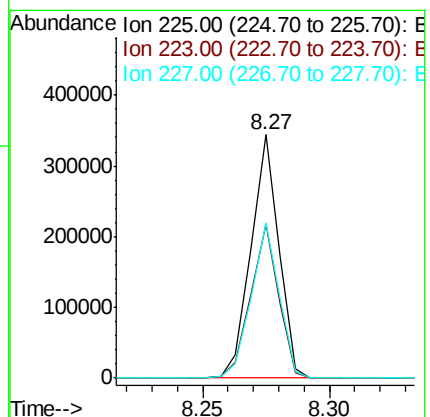
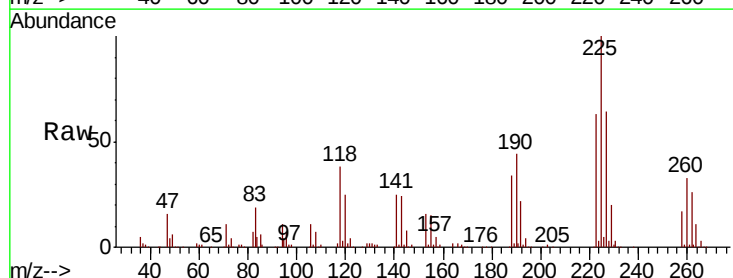
Instrument :
BNA_F
ClientSampleId :
RO-COMPMS

Tot Ion:	127	Resp:	282755
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.6	39.8
65	32.7	22.7	34.1
92	18.8	14.3	21.5



#34
Hexachlorobutadiene
Concen: 46.751 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

Tgt Ion:	225	Resp:	263284
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	63.7	51.4	77.2

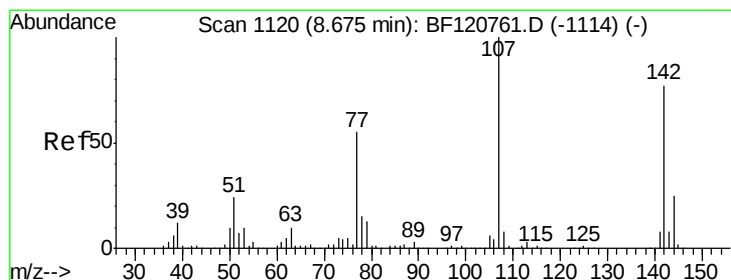
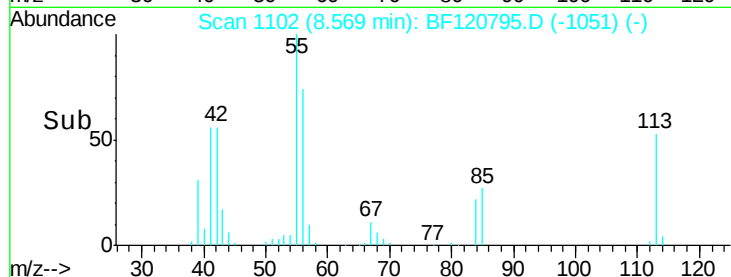
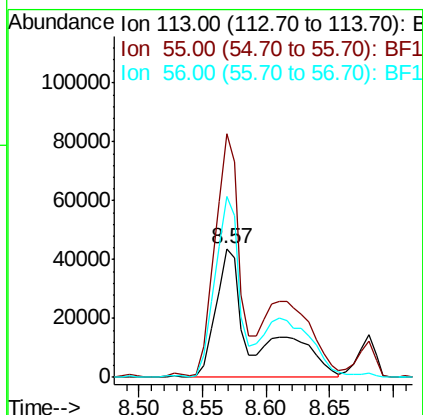
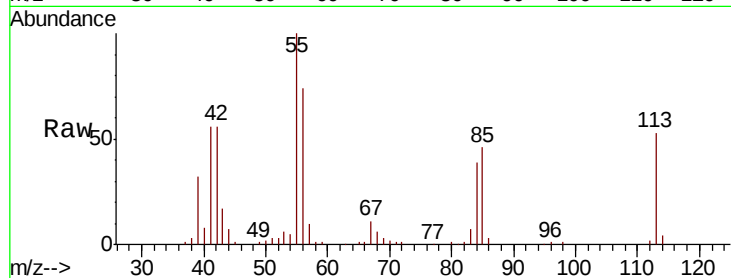




#35
 Caprolactam
 Concen: 38.994 ng/ml
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

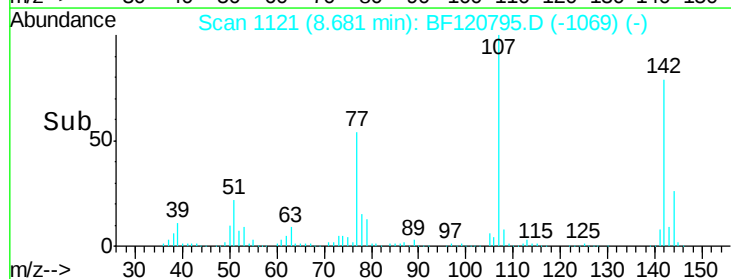
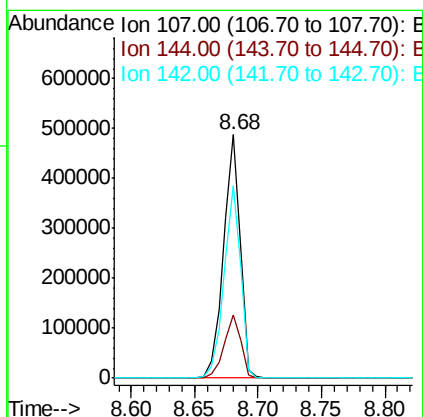
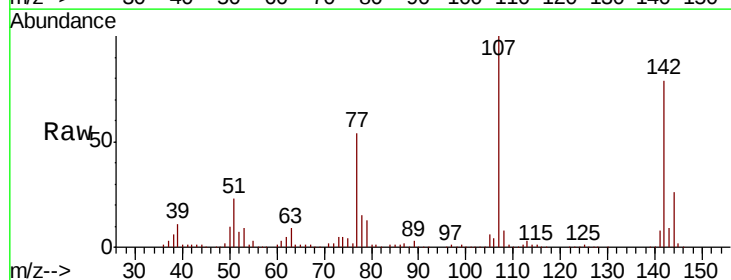
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMS

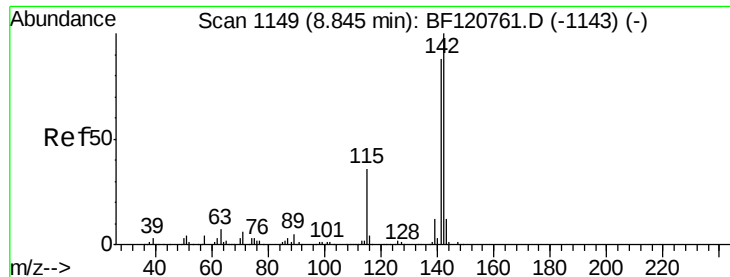
Tot Ion:113 Resp: 94725
 Ion Ratio Lower Upper
 113 100
 55 189.6 168.3 208.3
 56 141.1 118.8 158.8



#36
 4-Chloro-3-methylphenol
 Concen: 51.477 ng/ml
 RT: 8.68 min Scan# 1121
 Delta R.T. 0.01 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

Tgt Ion:107 Resp: 446422
 Ion Ratio Lower Upper
 107 100
 144 26.1 19.7 29.5
 142 79.3 61.2 91.8

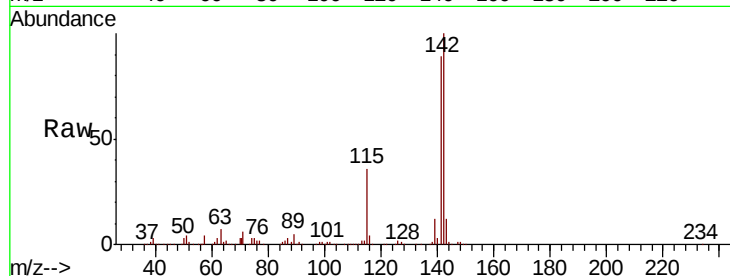




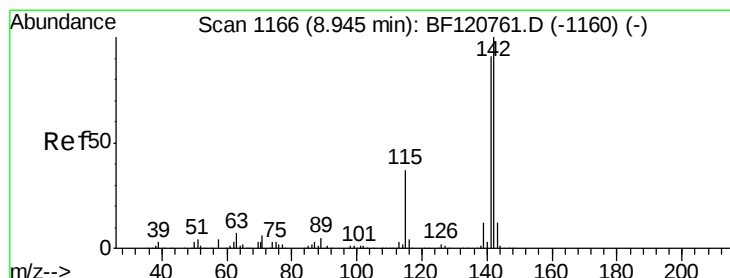
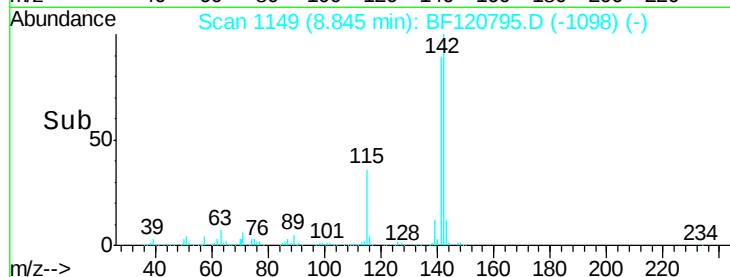
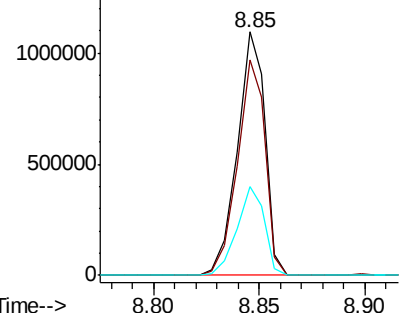
#37
2-Methylnaphthalene
Concen: 51.258 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

Instrument :
BNA_F
ClientSampleId :
RO-COMPMS

Tot Ion:142 Resp: 1000828
Ion Ratio Lower Upper
142 100
141 88.6 70.2 105.4
115 36.3 29.0 43.4

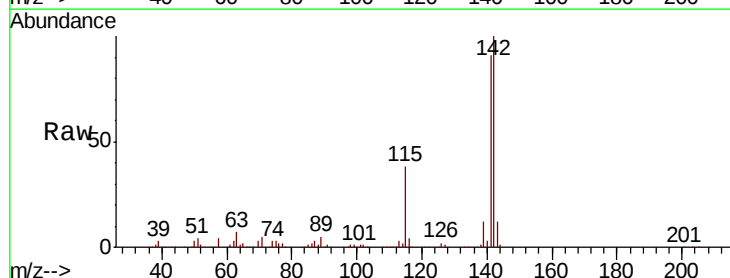


Abundance Ion 142.00 (141.70 to 142.70): E
1500000 Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

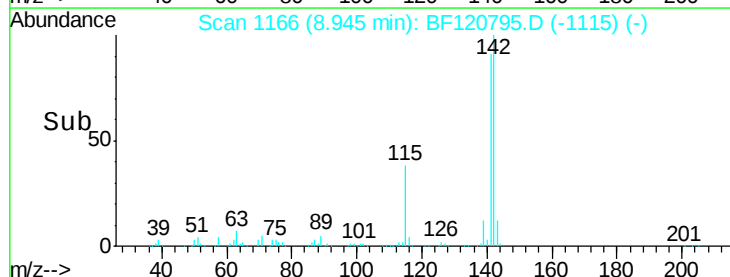
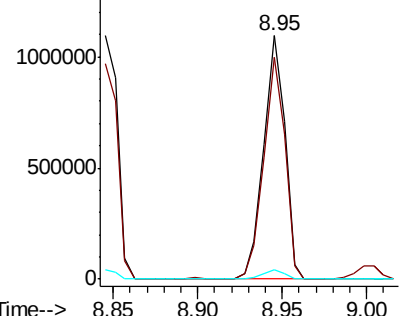


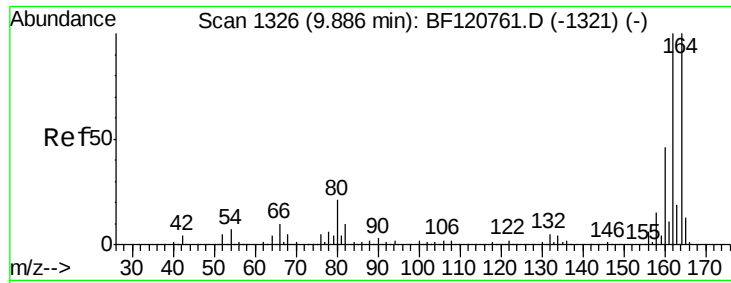
#38
1-Methylnaphthalene
Concen: 51.615 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

Tgt Ion:142 Resp: 944010
Ion Ratio Lower Upper
142 100
141 91.4 72.5 108.7
116 4.0 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
1500000 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# 1326

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

BNA_F

ClientSampleId :

RO-COMPMS

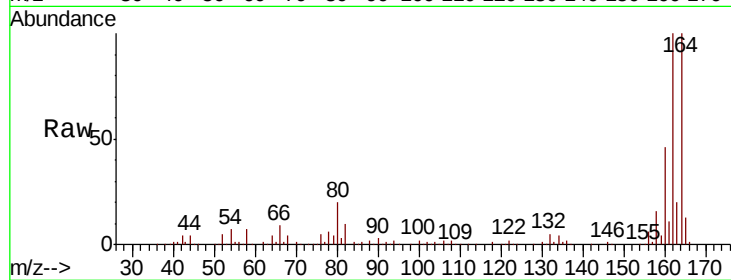
Tot Ion:164 Resp: 282597

Ion Ratio Lower Upper

164 100

162 100.5 80.2 120.2

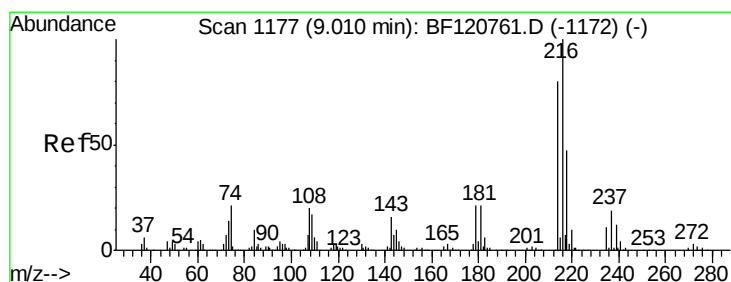
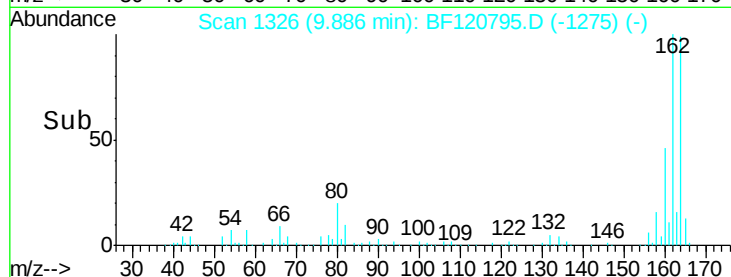
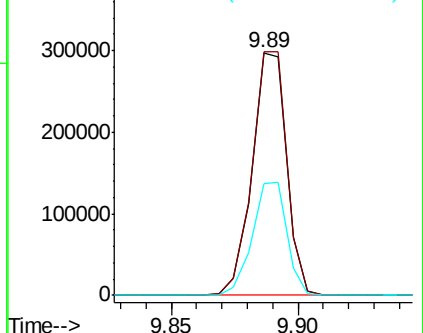
160 46.1 36.9 55.3



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: 49.877 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.01 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Tgt Ion:216 Resp: 425985

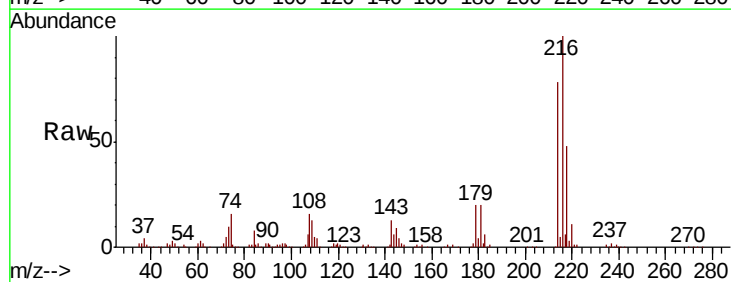
Ion Ratio Lower Upper

216 100

214 79.2 63.7 95.5

179 21.3 16.7 25.1

108 22.4 17.0 25.4

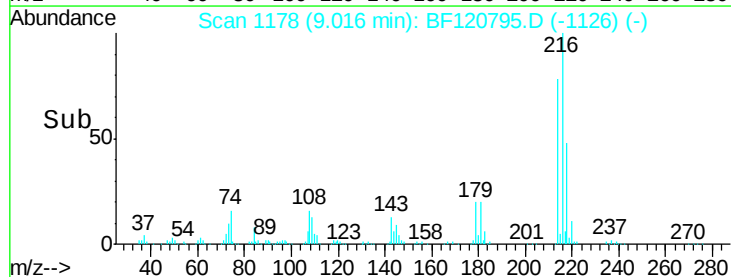
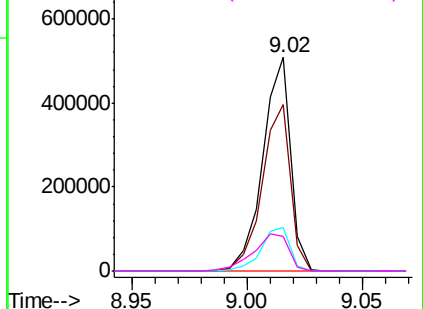


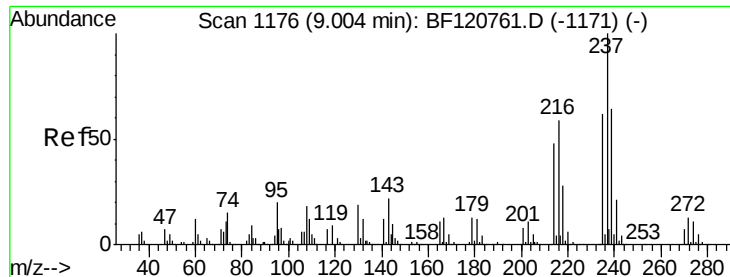
Abundance Ion 216.00 (215.70 to 216.70): E

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: 88.231 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

BNA_F

ClientSampleId :

RO-COMPMS

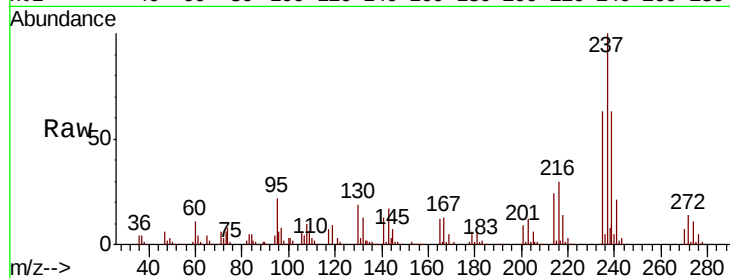
Tot Ion:237 Resp: 445229

Ion Ratio Lower Upper

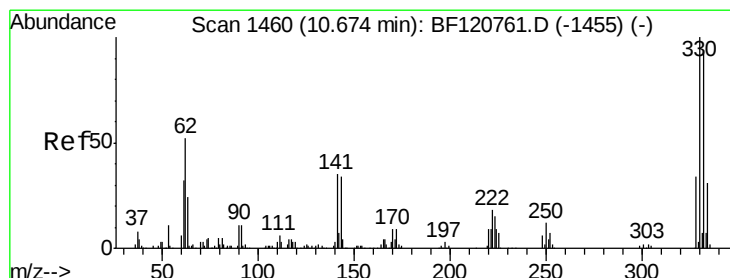
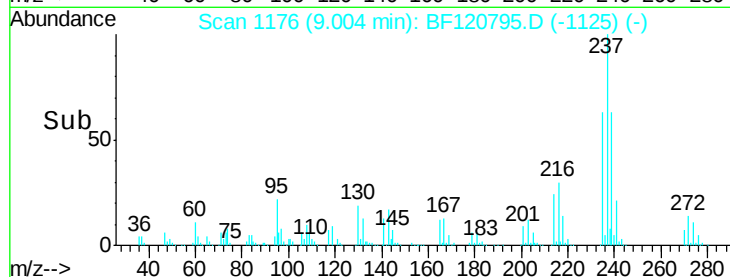
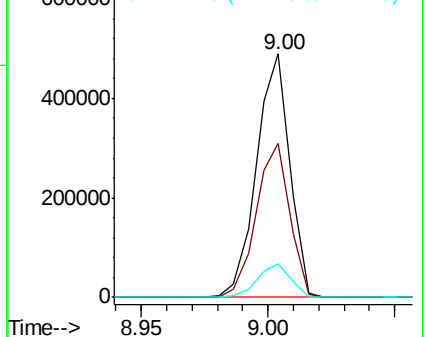
237 100

235 63.3 42.1 82.1

272 13.7 0.0 33.4



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



#42

2,4,6-Tribromophenol

Concen: 156.688 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

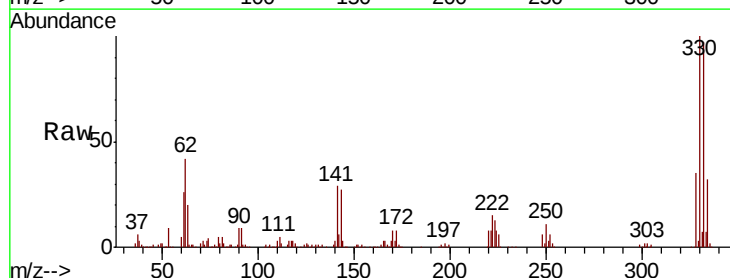
Tgt Ion:330 Resp: 444852

Ion Ratio Lower Upper

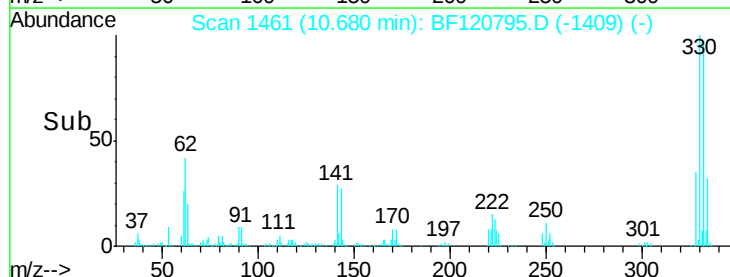
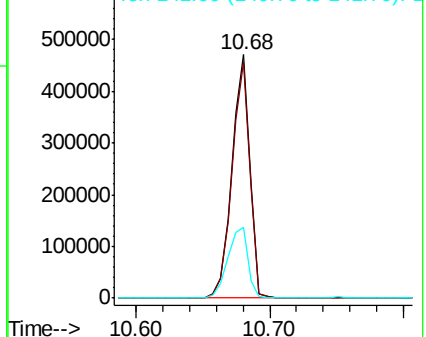
330 100

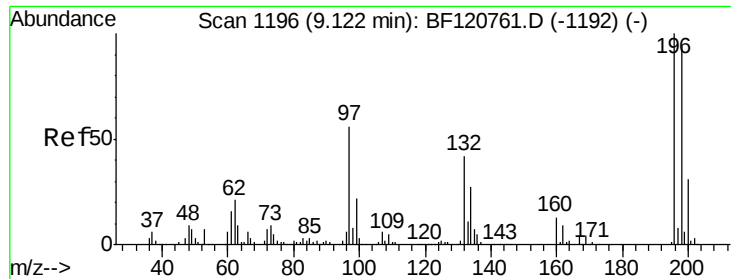
332 96.8 75.8 113.6

141 33.3 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

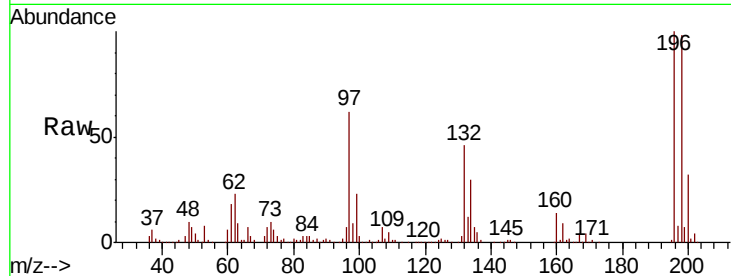




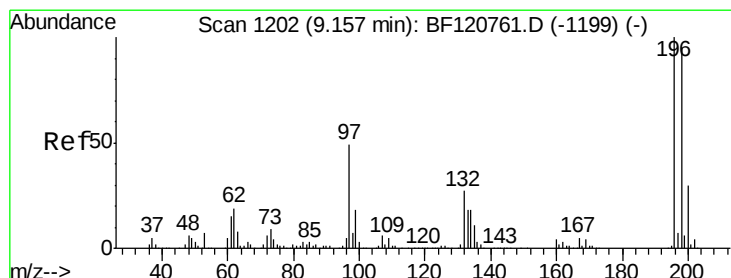
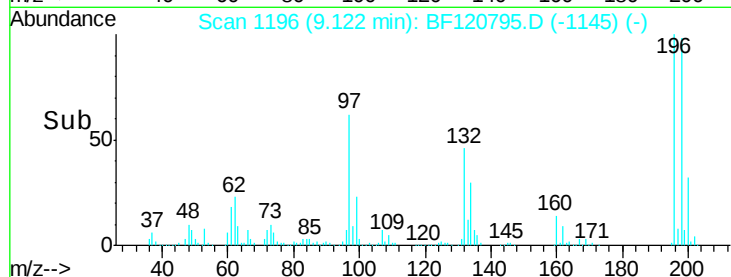
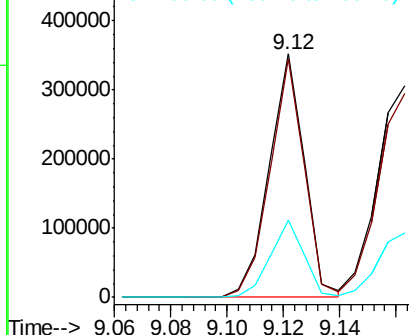
#43
 2,4,6-Trichlorophenol
 Concen: 52.045 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMS

Tot Ion:196 Resp: 302889
 Ion Ratio Lower Upper
 196 100
 198 98.0 75.3 112.9
 200 31.6 24.4 36.6



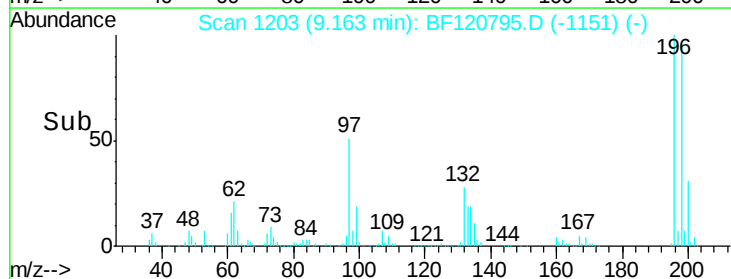
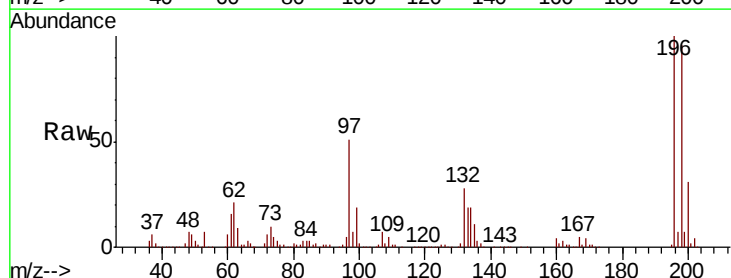
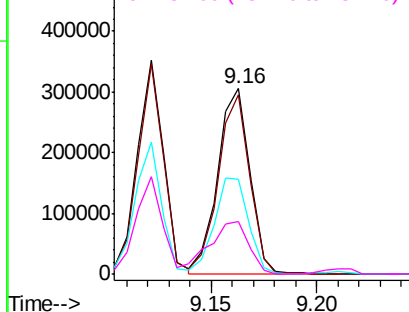
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

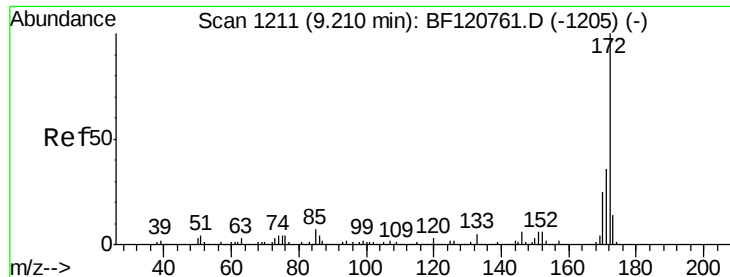


#44
 2,4,5-Trichlorophenol
 Concen: 49.597 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

Tgt Ion:196 Resp: 320329
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.2 114.2
 97 51.3 39.6 59.4
 132 28.2 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



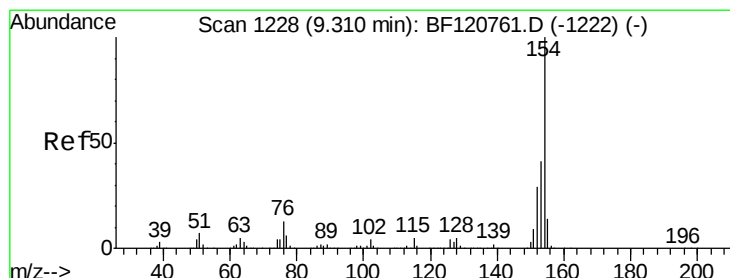
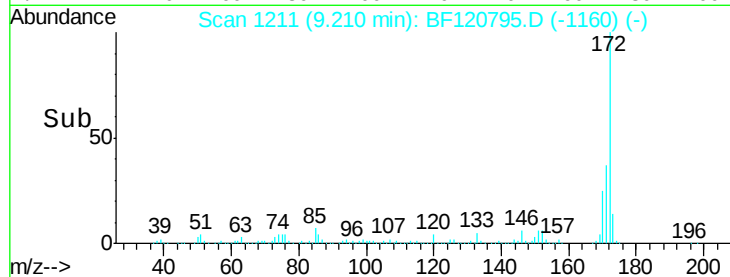
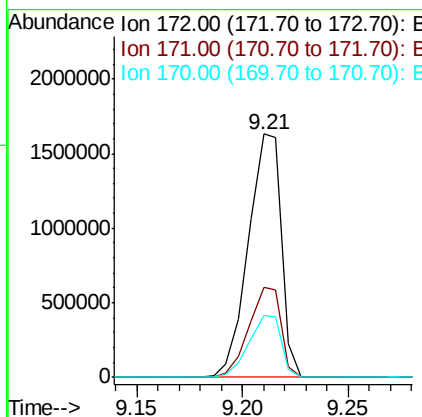
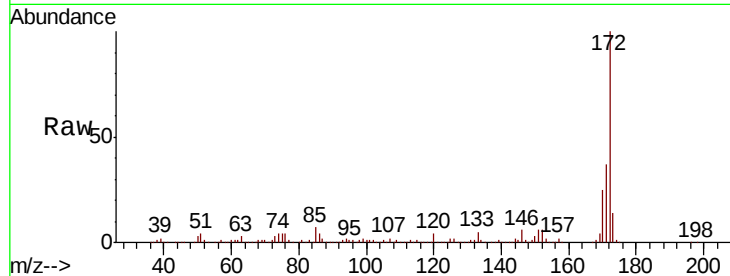


#45
 2-Fluorobiphenyl
 Concen: 94.779 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMS

Tot Ion:172 Resp: 1770337

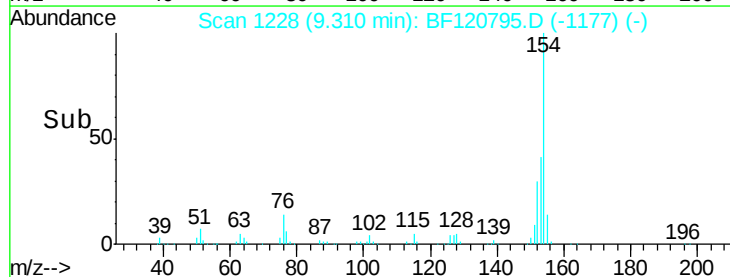
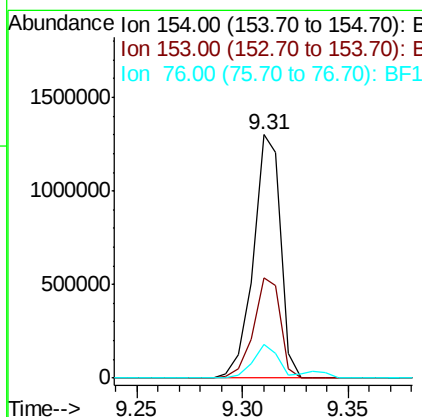
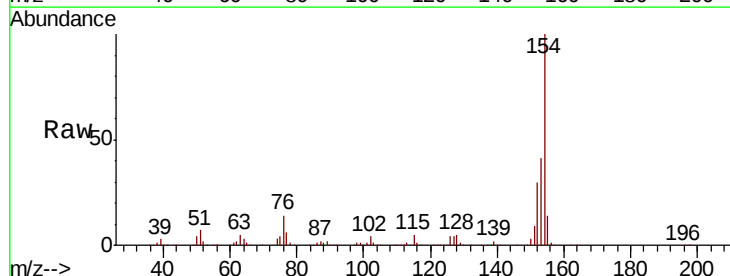
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.1	43.7
170	25.2	19.8	29.6

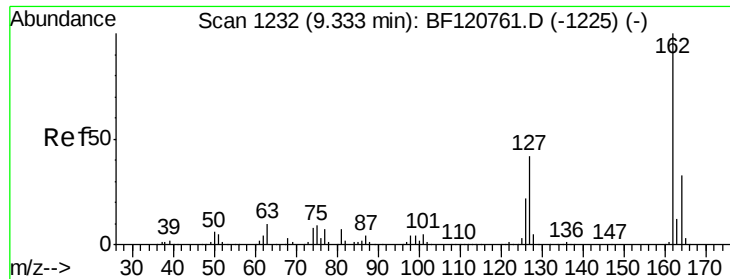


#46
 1,1'-Biphenyl
 Concen: 51.067 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

Tgt Ion:154 Resp: 1164067

Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.7	60.7
76	13.7	0.0	33.3

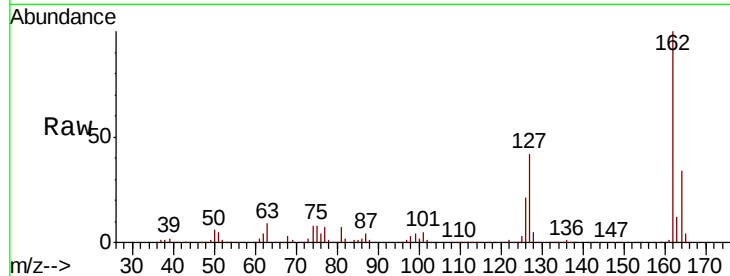




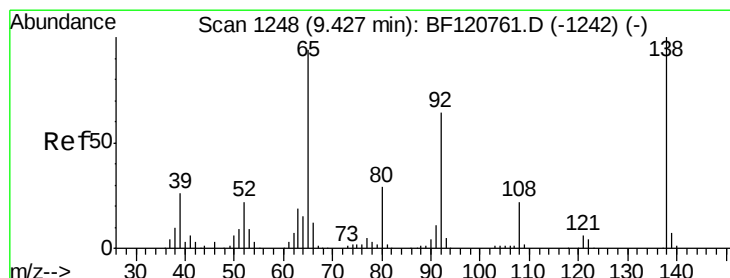
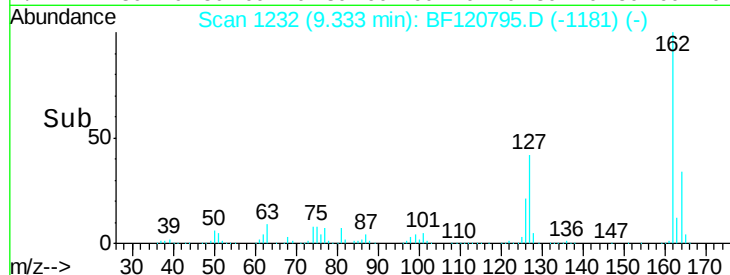
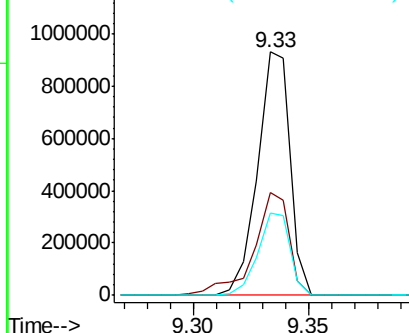
#47
 2-Chloronaphthalene
 Concen: 50.154 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMS

Tot Ion:162 Resp: 915899
 Ion Ratio Lower Upper
 162 100
 127 42.0 33.7 50.5
 164 33.8 26.4 39.6

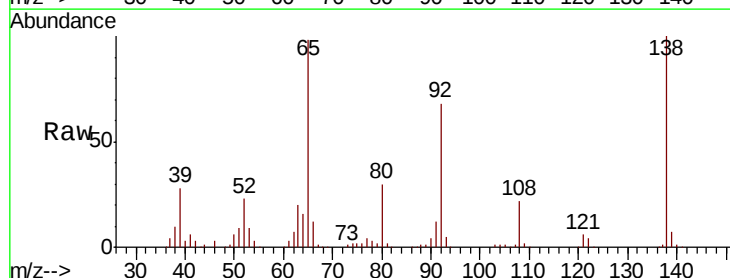


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

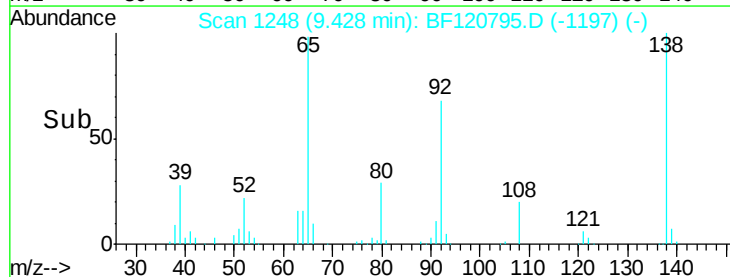
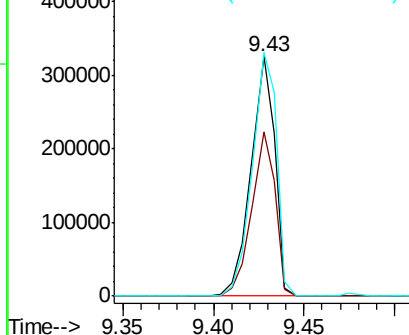


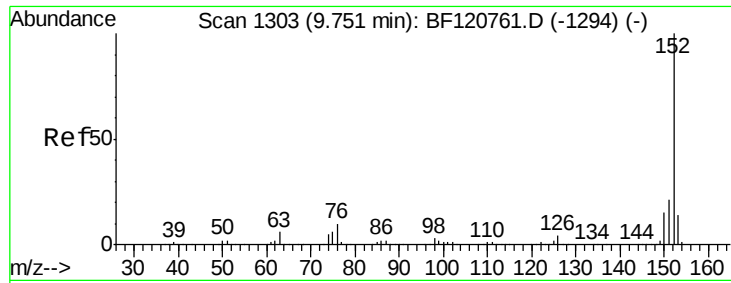
#48
 2-Nitroaniline
 Concen: 54.090 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

Tgt Ion: 65 Resp: 297693
 Ion Ratio Lower Upper
 65 100
 92 68.8 54.4 81.6
 138 101.7 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: 50.135 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

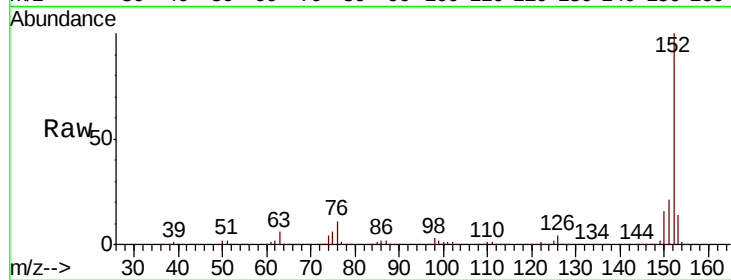
BNA_F

ClientSampleId :

RO-COMPMS

Tot Ion:152 Resp: 1435407

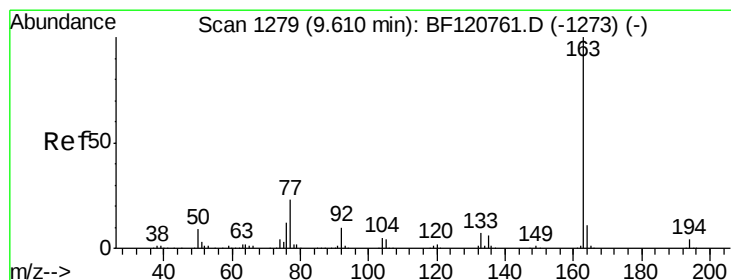
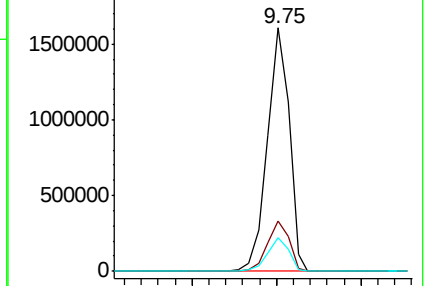
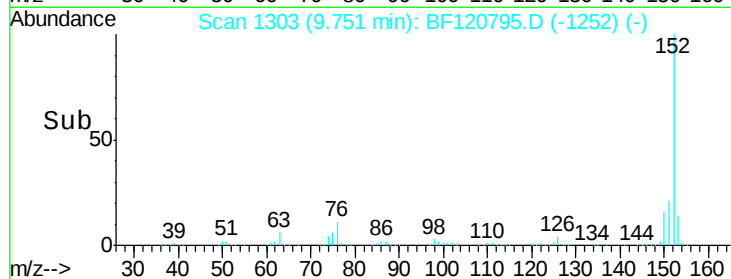
Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.9	25.3
153	13.8	10.8	16.2



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: 56.897 ng

RT: 9.62 min Scan# 1280

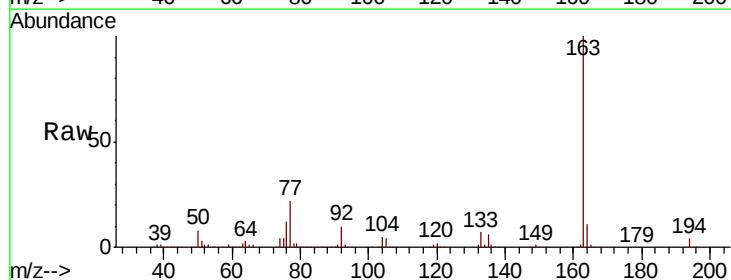
Delta R.T. 0.01 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Tgt Ion:163 Resp: 1172926

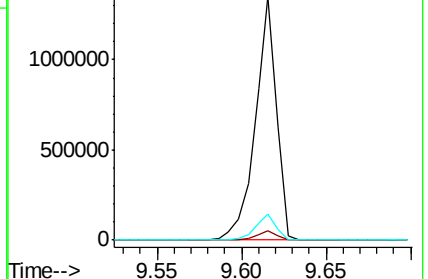
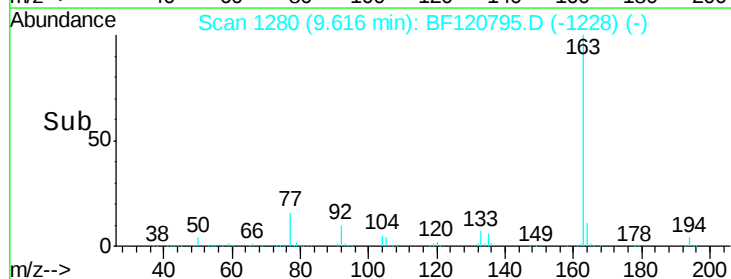
Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.9	4.3
164	10.8	8.5	12.7

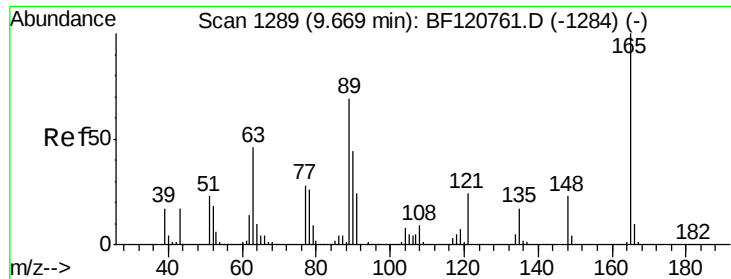


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

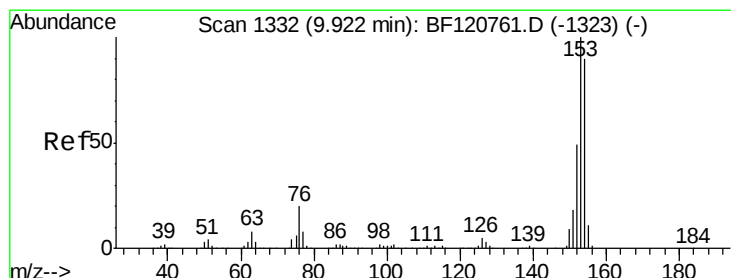
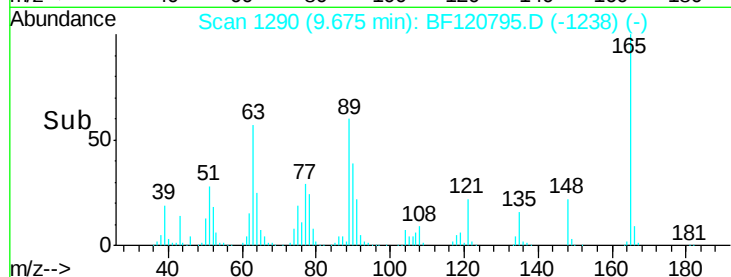
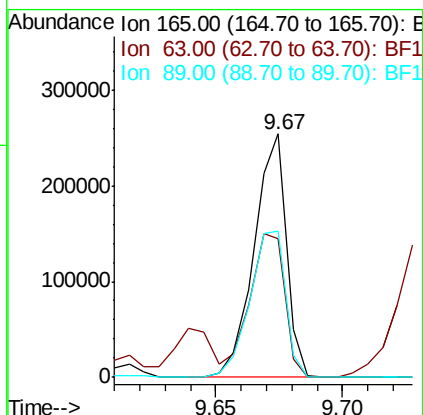
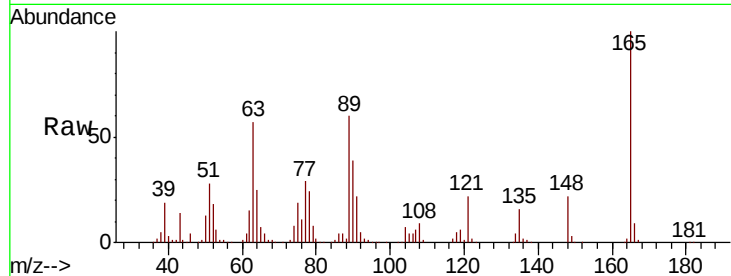




#51
 2,6-Dinitrotoluene
 Concen: 54.765 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. 0.01 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

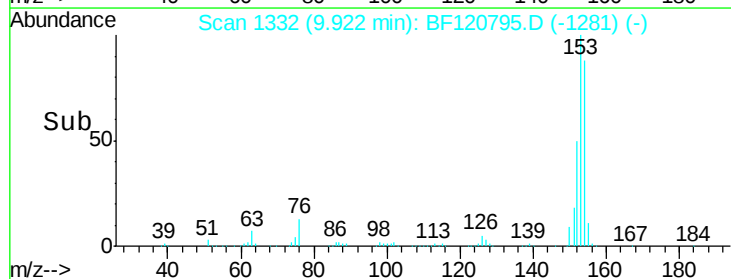
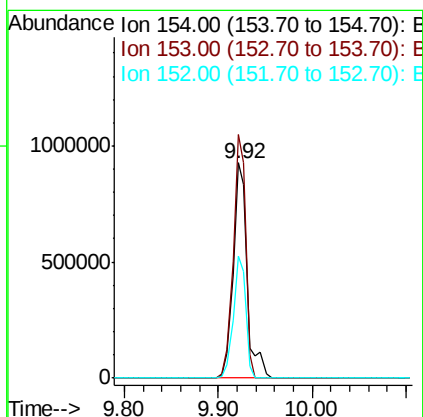
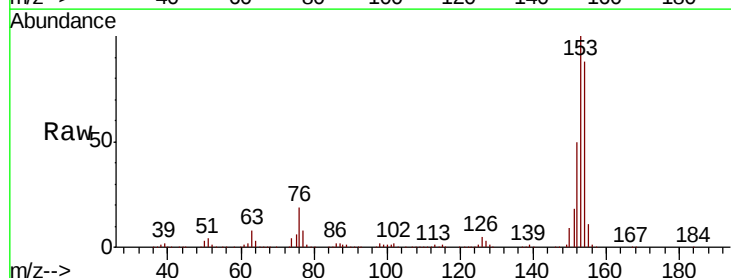
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMS

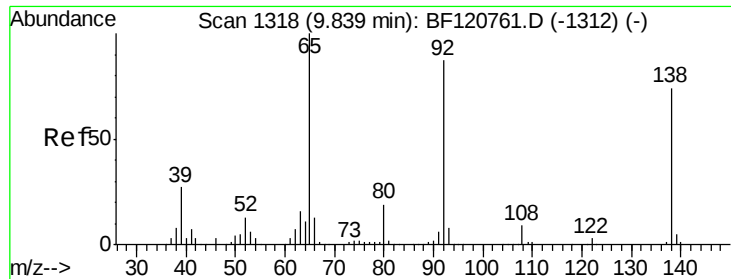
Tot Ion	Ratio	Lower	Upper
165	100		
63	57.2	54.0	81.0
89	60.3	55.4	83.2



#52
 Acenaphthene
 Concen: 53.614 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.2	88.6	132.8
152	56.9	43.6	65.4

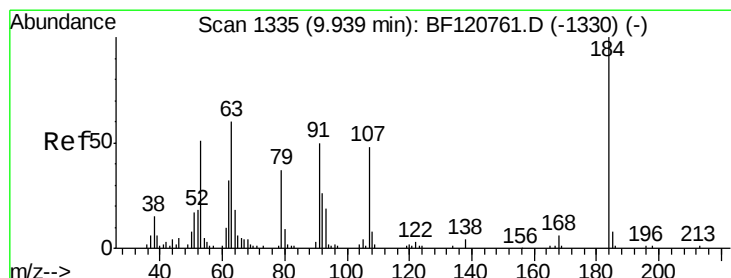
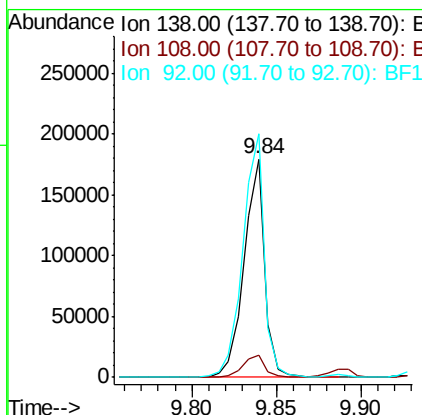
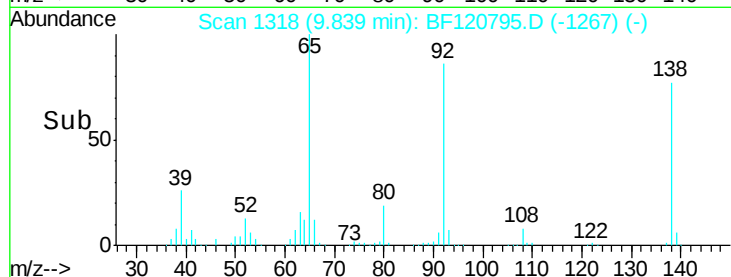
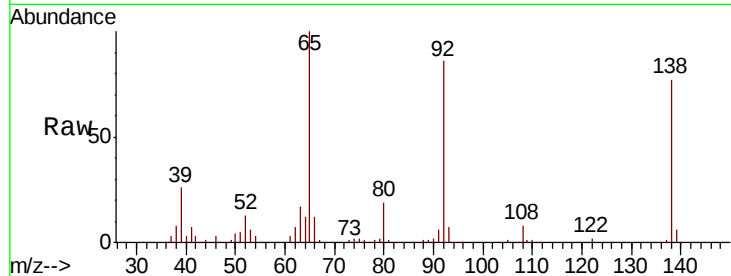




#53
 3-Nitroaniline
 Concen: 31.257 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

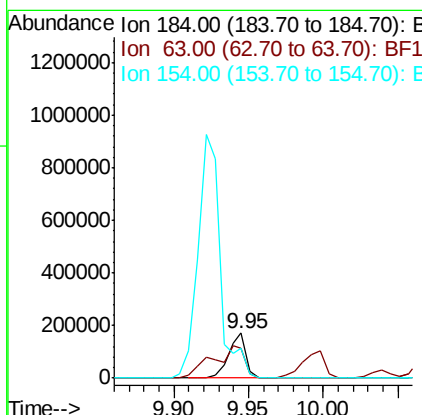
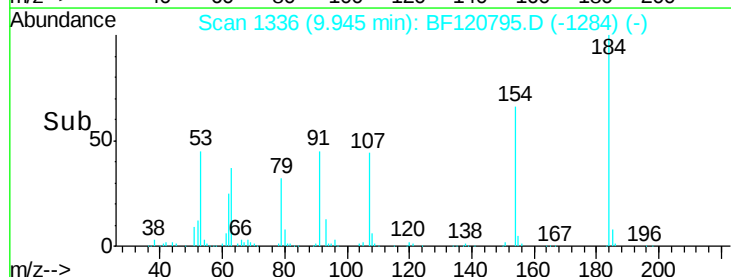
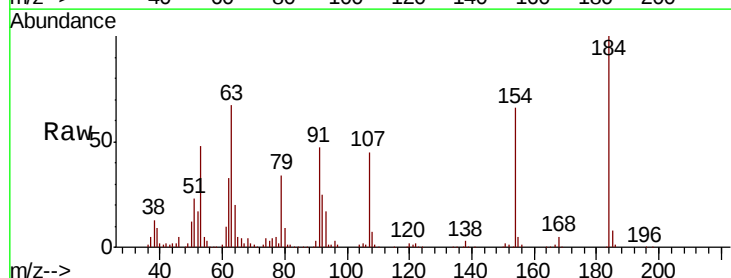
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMS

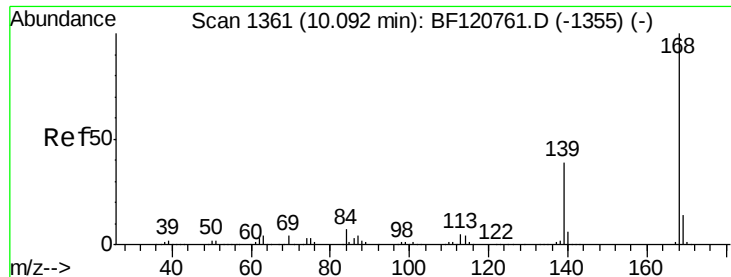
Tot Ion:138 Resp: 153096
 Ion Ratio Lower Upper
 138 100
 108 10.2 9.8 14.6
 92 111.4 93.4 140.2



#54
 2,4-Dinitrophenol
 Concen: 88.511 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. 0.01 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

Tgt Ion:184 Resp: 144521
 Ion Ratio Lower Upper
 184 100
 63 67.2 57.3 85.9
 154 65.7 55.8 83.6





#55

Dibenzenofuran

Concen: 50.426 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.01 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

BNA_F

ClientSampleId :

RO-COMPMS

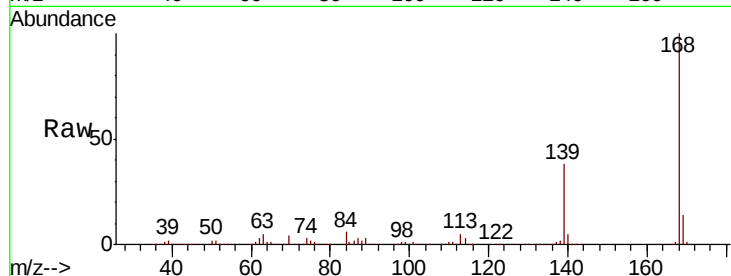
Tot Ion:168 Resp: 1291072

Ion Ratio Lower Upper

168 100

139 37.6 31.3 46.9

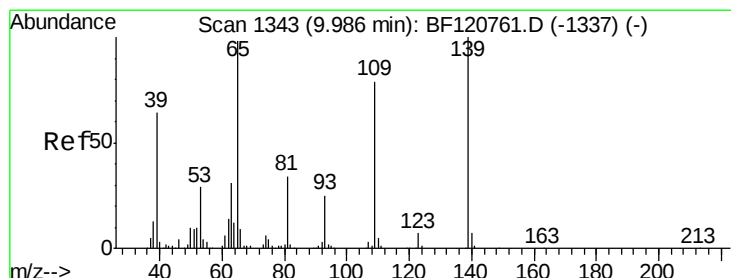
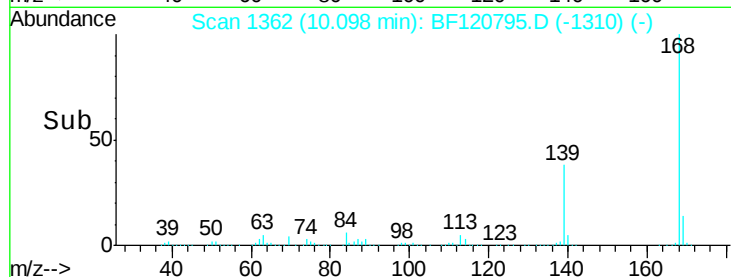
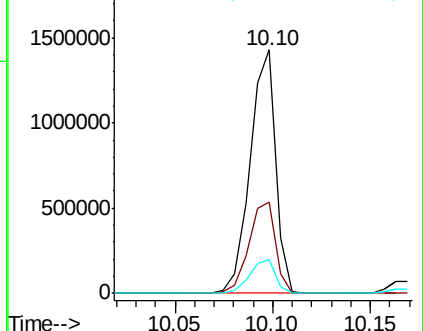
169 13.8 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 86.167 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

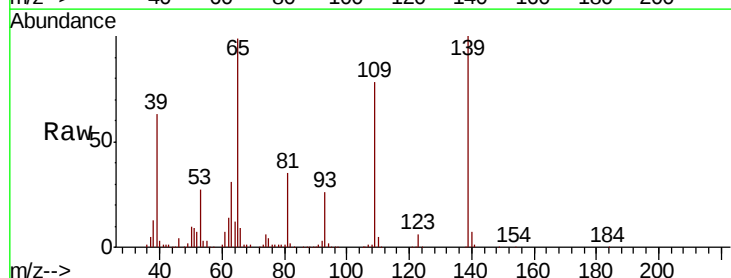
Tgt Ion:139 Resp: 326389

Ion Ratio Lower Upper

139 100

109 78.1 58.6 98.6

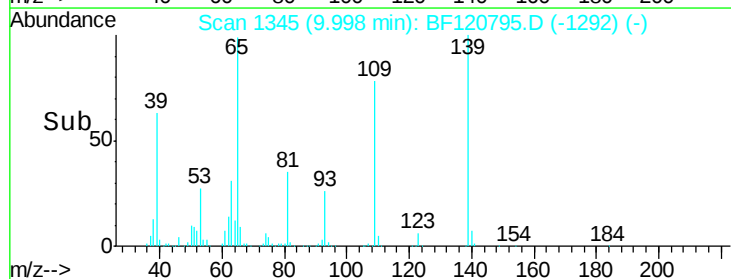
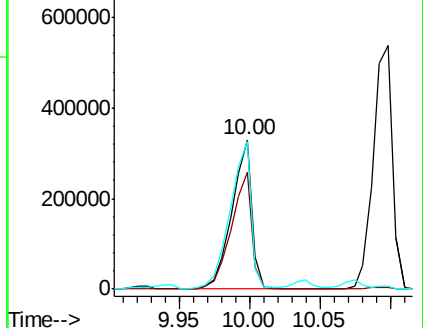
65 98.7 78.7 118.7



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: 58.144 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.01 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

BNA_F

ClientSampleId :

RO-COMPMS

Tot Ion:165 Resp: 300274

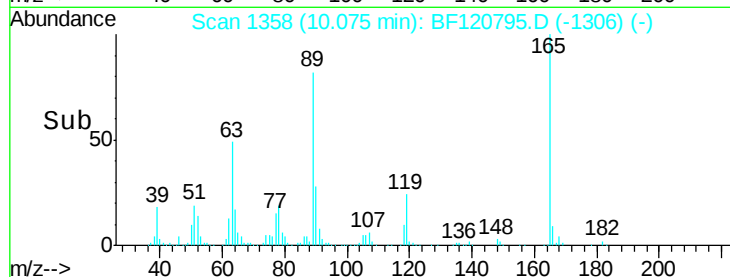
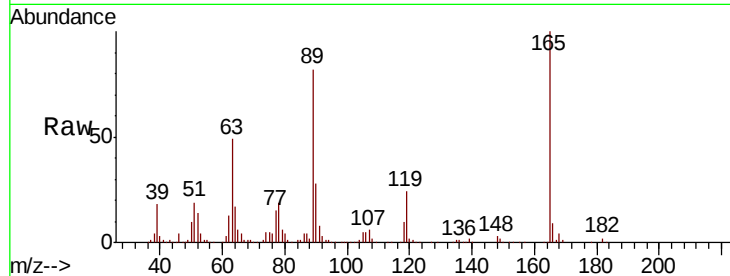
Ion Ratio Lower Upper

165 100

63 49.5 43.8 65.8

89 81.9 71.4 107.2

182 2.3 1.8 2.6

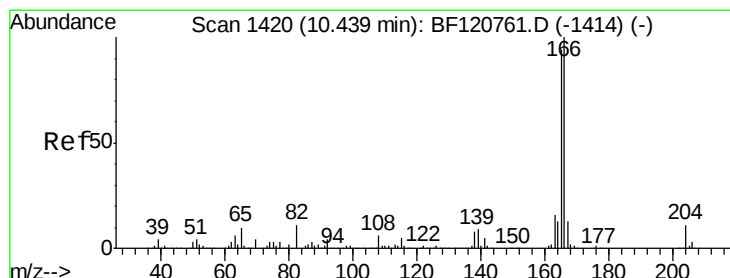
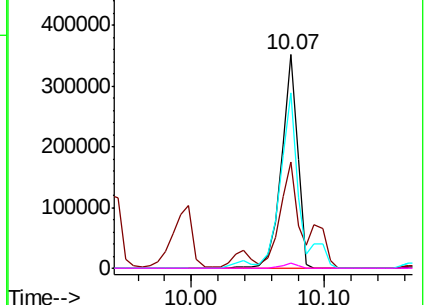


Abundance Ion 165.00 (164.70 to 165.70): E

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: 49.052 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

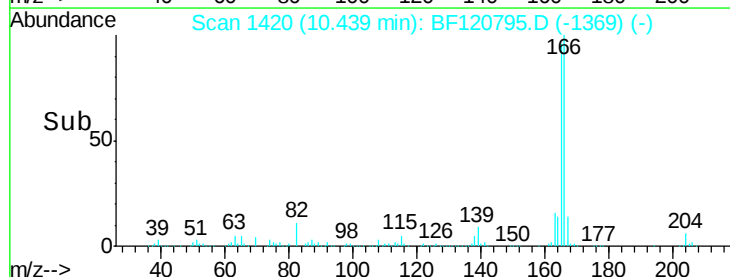
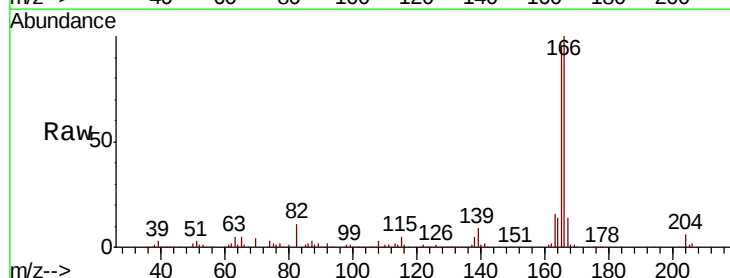
Tgt Ion:166 Resp: 934782

Ion Ratio Lower Upper

166 100

165 96.1 75.5 113.3

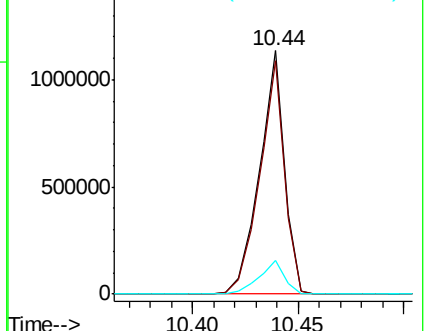
167 13.8 10.6 16.0



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

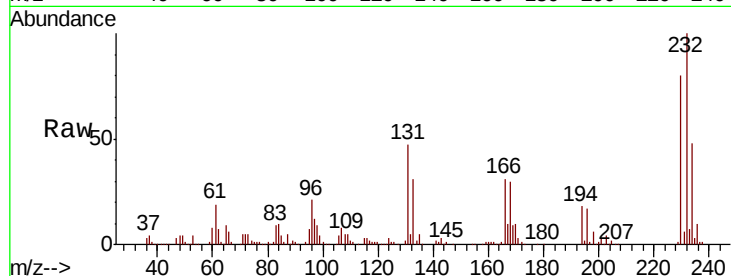




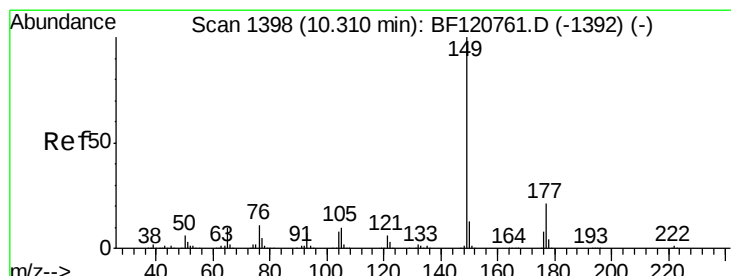
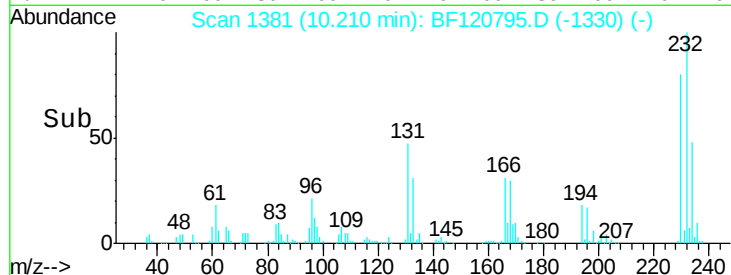
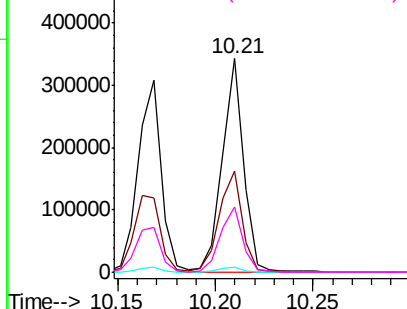
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.775 ng m
RT: 10.21 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

Instrument :
BNA_F
ClientSampleId :
RO-COMPMS

Tot Ion:232 Resp: 258457
Ion Ratio Lower Upper
232 100
131 45.1 36.3 54.5
130 2.6 2.0 3.0
166 25.2 20.9 31.3

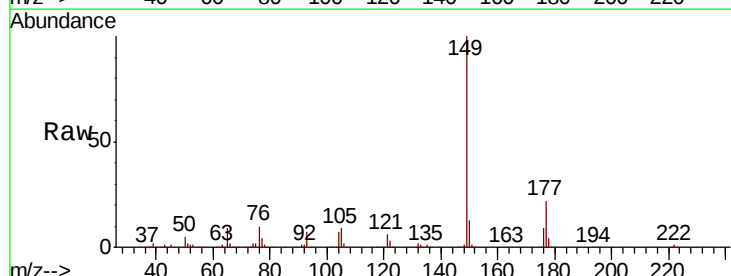


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

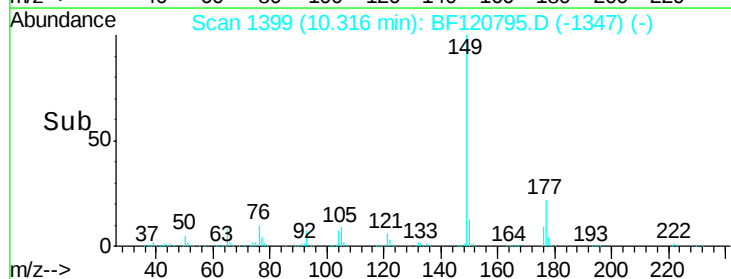
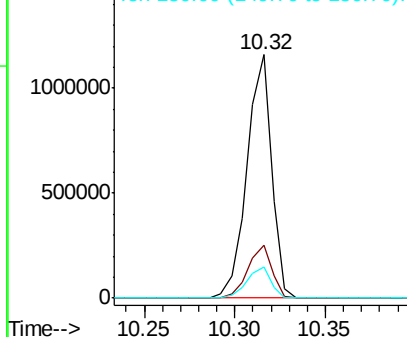


#60
Diethylphthalate
Concen: 50.948 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

Tgt Ion:149 Resp: 1094099
Ion Ratio Lower Upper
149 100
177 21.9 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

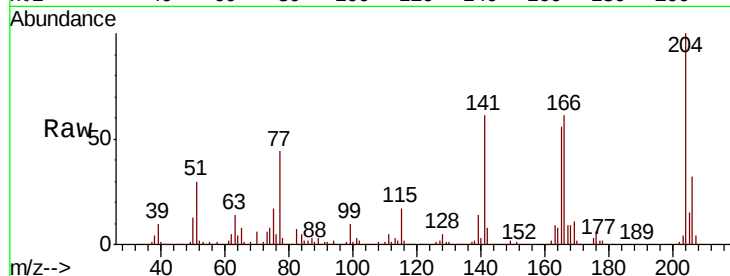




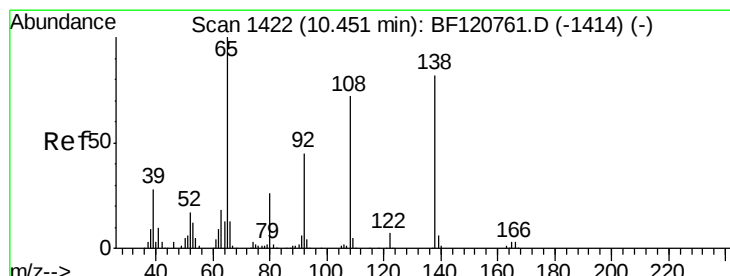
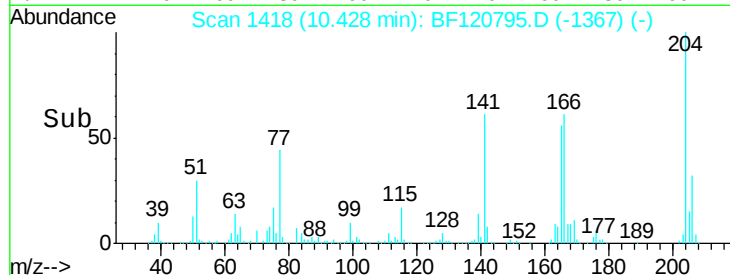
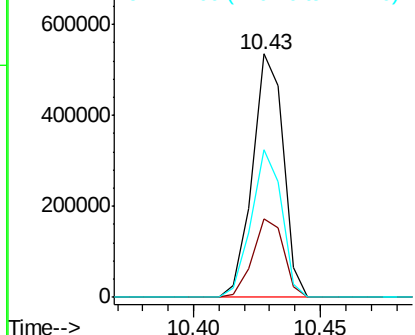
#61
4-Chlorophenyl-phenylether
Concen: 47.597 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

Instrument :
BNA_F
ClientSampleId :
RO-COMPMS

Tot Ion:204 Resp: 455986
Ion Ratio Lower Upper
204 100
206 32.1 26.7 40.1
141 60.8 48.5 72.7

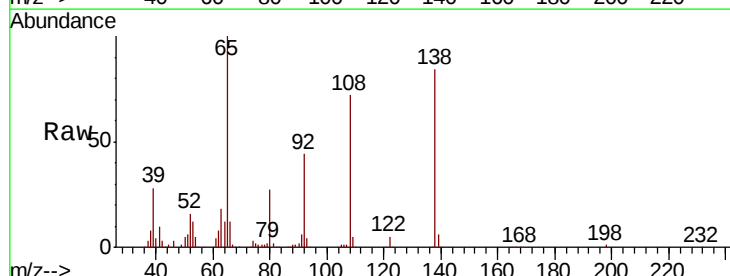


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

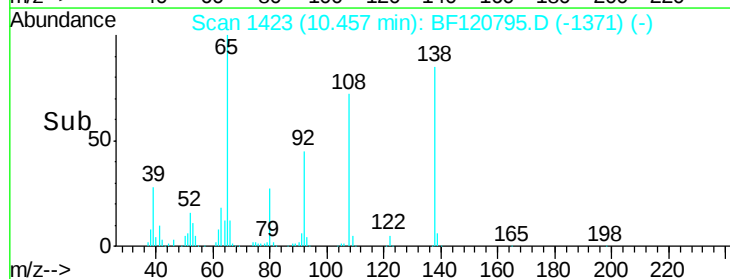
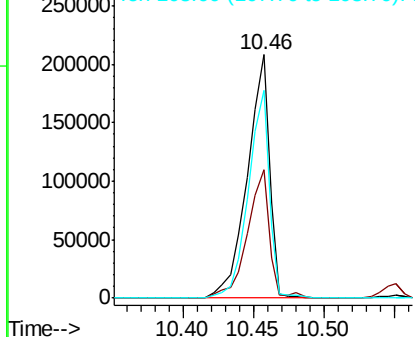


#62
4-Nitroaniline
Concen: 52.608 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

Tgt Ion:138 Resp: 230423
Ion Ratio Lower Upper
138 100
92 52.6 34.3 74.3
108 85.4 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: 50.005 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

BNA_F

ClientSampleId :

RO-COMPMS

Tot Ion: 77 Resp: 1098491

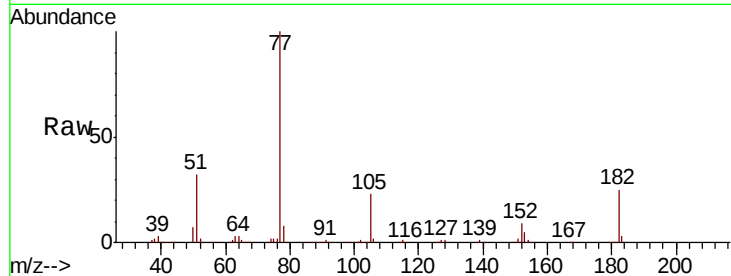
Ion Ratio Lower Upper

77 100

182 24.6 4.0 44.0

105 22.5 2.6 42.6

51 31.8 11.5 51.5

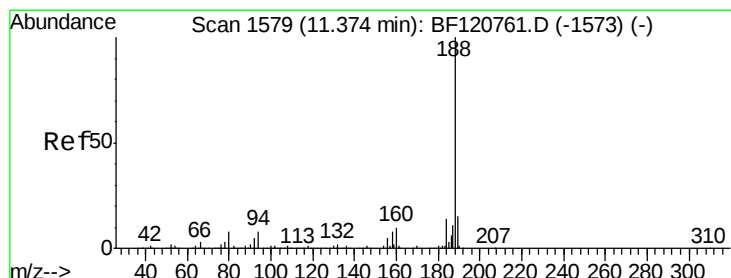
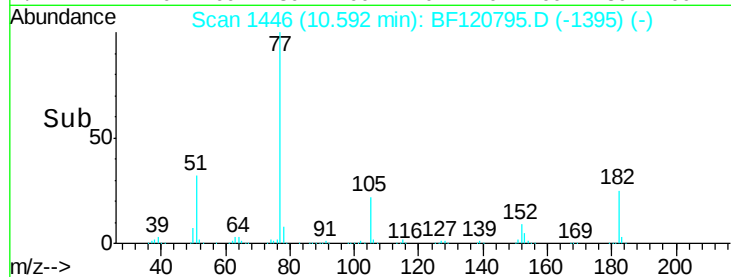
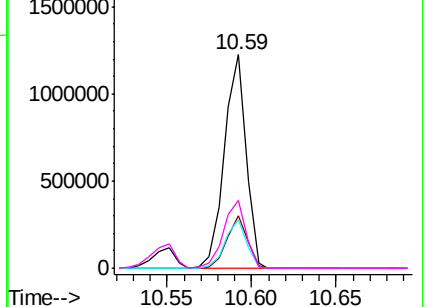


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF120795.D

Acq: 7 Jul 2020 18:55

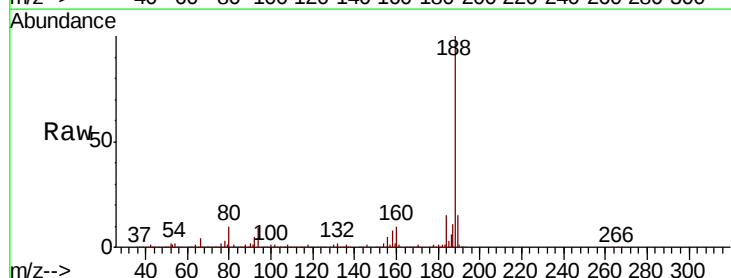
Tgt Ion: 188 Resp: 513148

Ion Ratio Lower Upper

188 100

94 9.1 6.6 9.8

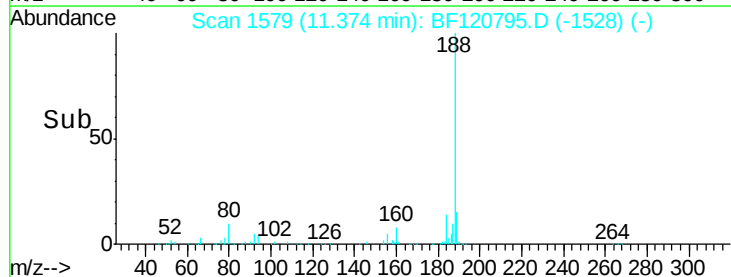
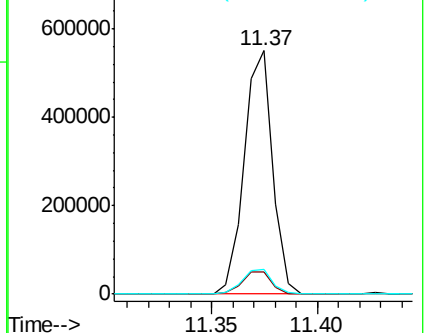
80 10.2 6.6 10.0#

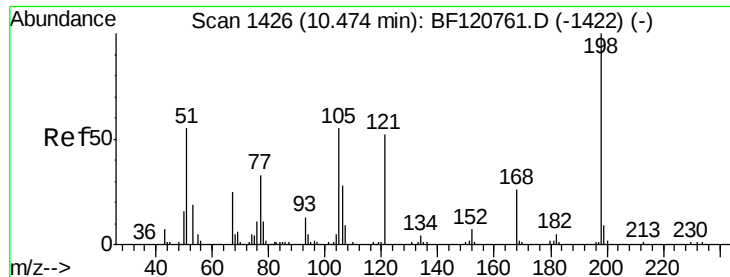


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

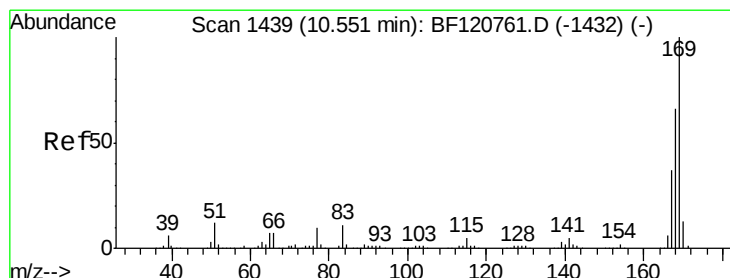
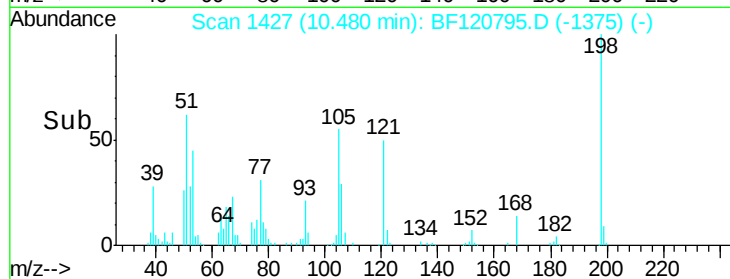
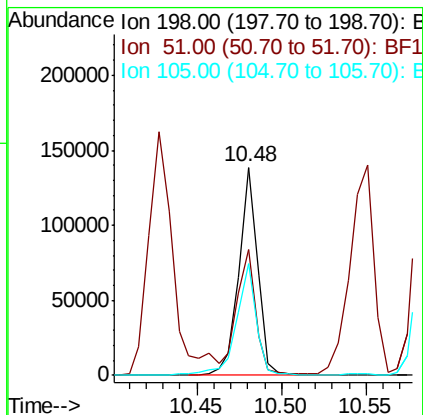
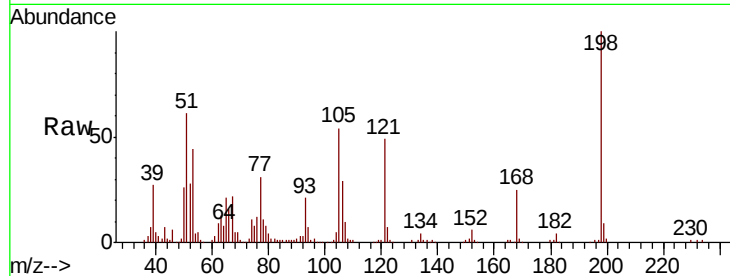




#65
 4,6-Dinitro-2-methylphenol
 Concen: 49.298 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

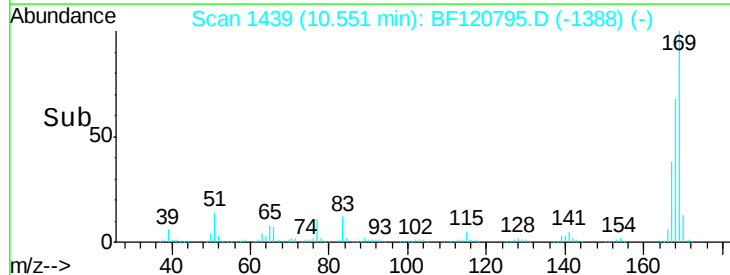
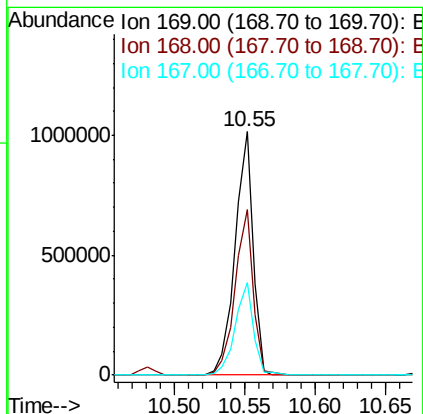
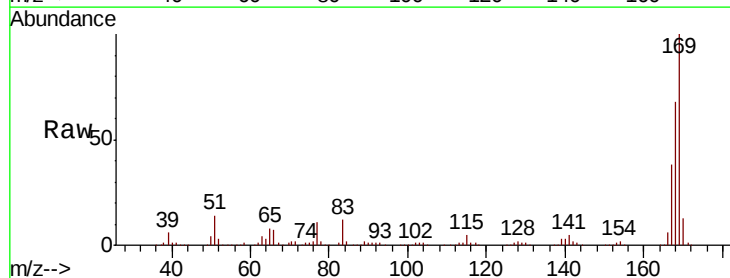
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMS

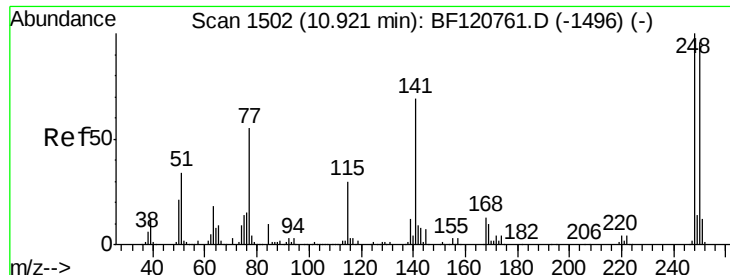
Tot Ion:198 Resp: 106858
 Ion Ratio Lower Upper
 198 100
 51 60.6 50.0 90.0
 105 53.8 38.3 78.3



#66
 n-Nitrosodiphenylamine
 Concen: 52.371 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

Tgt Ion:169 Resp: 900755
 Ion Ratio Lower Upper
 169 100
 168 67.9 53.1 79.7
 167 37.9 29.6 44.4

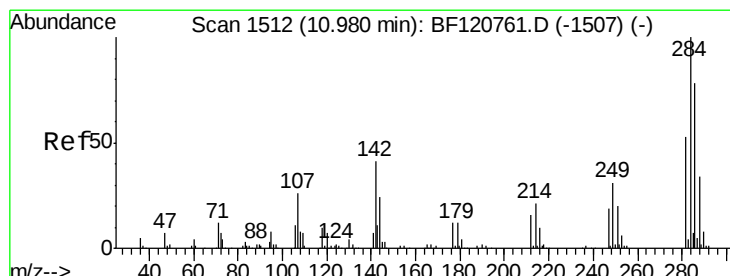
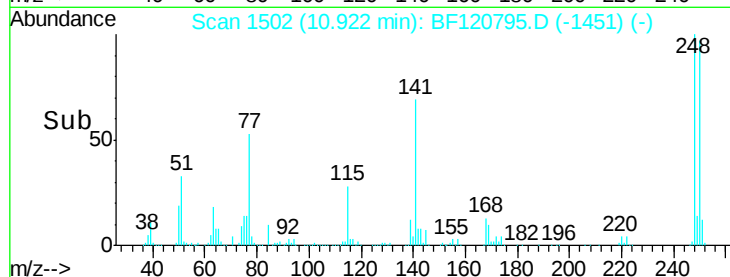
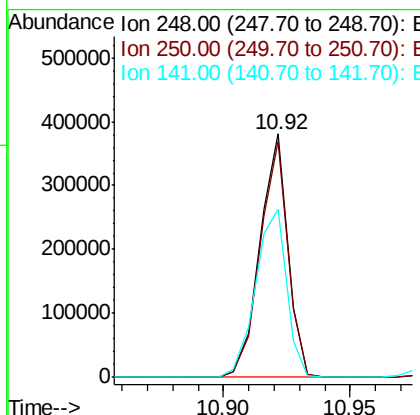
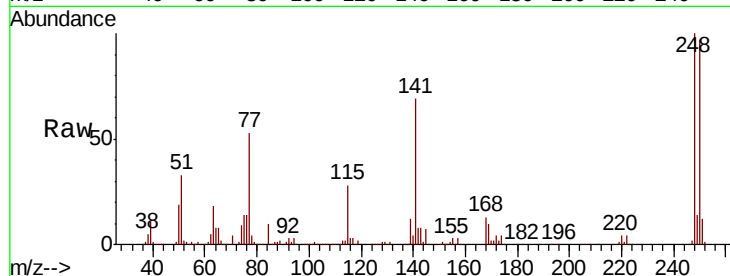




#67
 4-Bromophenyl-phenylether
 Concen: 49.409 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

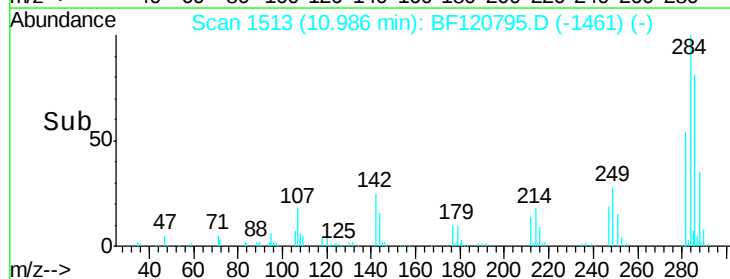
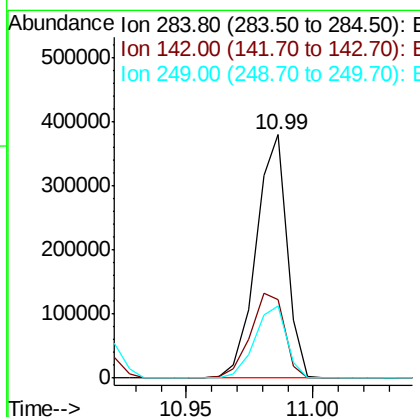
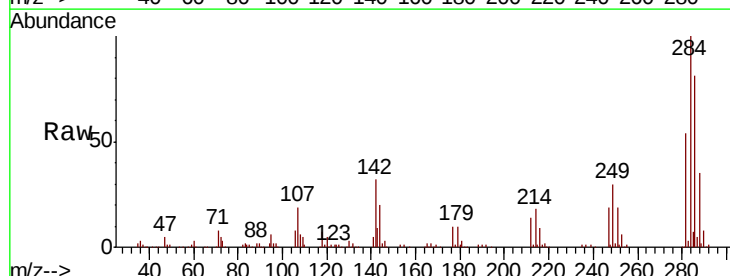
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMS

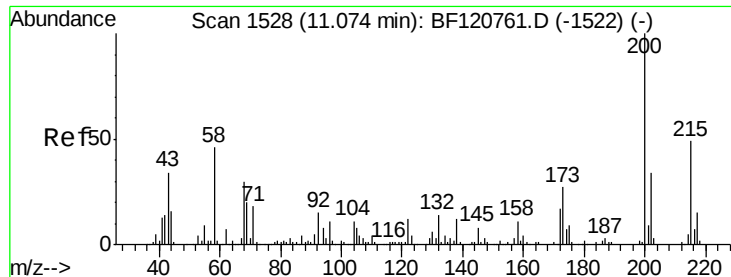
Tot Ion:248 Resp: 294108
 Ion Ratio Lower Upper
 248 100
 250 96.9 76.5 114.7
 141 69.0 54.9 82.3



#68
 Hexachlorobenzene
 Concen: 51.916 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. 0.01 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

Tgt Ion:284 Resp: 324282
 Ion Ratio Lower Upper
 284 100
 142 32.3 32.5 48.7#
 249 29.9 24.8 37.2

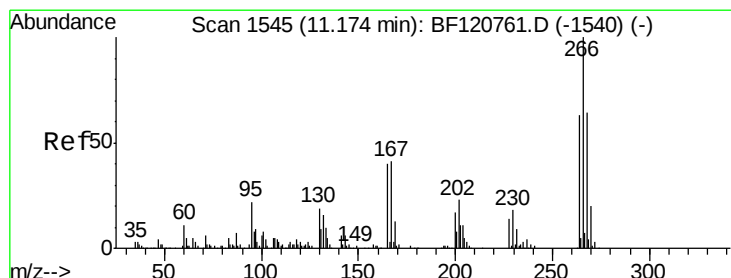
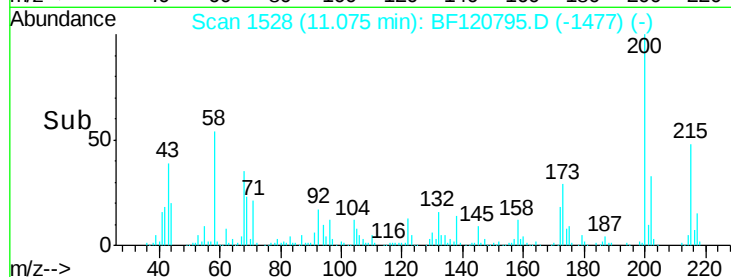
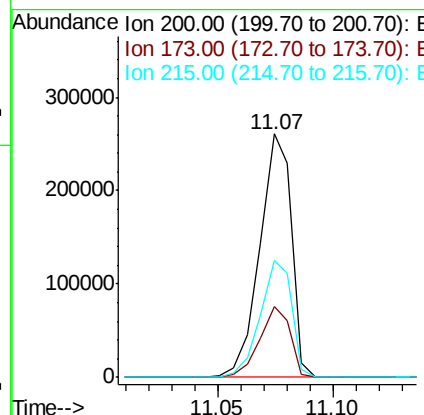
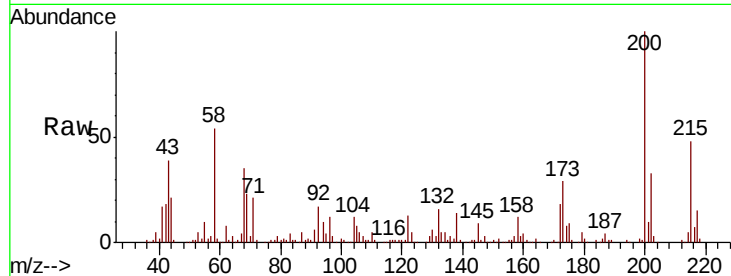




#69
 Atrazine
 Concen: 56.194 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

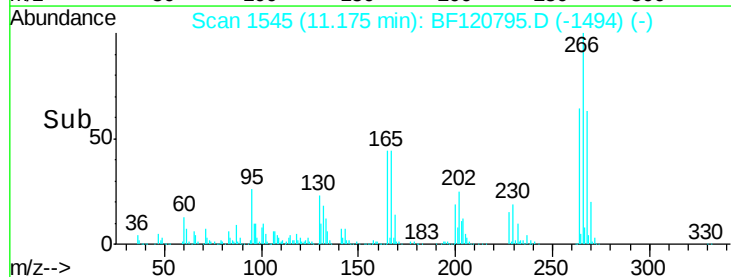
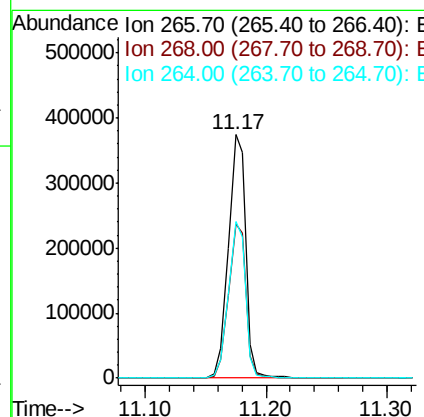
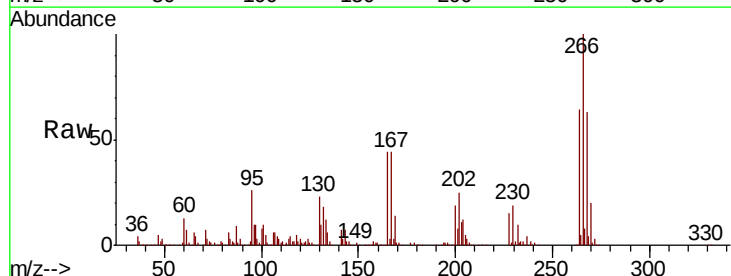
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMS

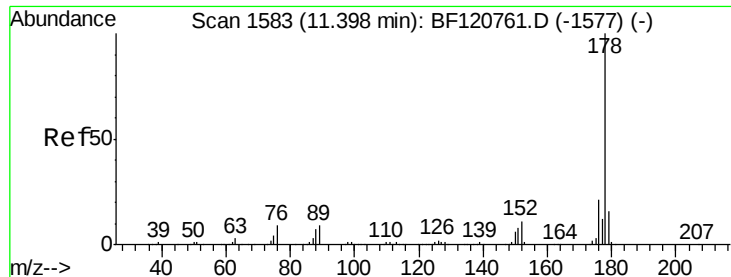
Tot Ion:200 Resp: 248993
 Ion Ratio Lower Upper
 200 100
 173 29.1 7.4 47.4
 215 48.1 28.8 68.8



#70
 Pentachlorophenol
 Concen: 105.008 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

Tgt Ion:266 Resp: 371099
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.4 77.2
 264 64.2 50.6 75.8





#71

Phenanthrene

Concen: 50.881 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

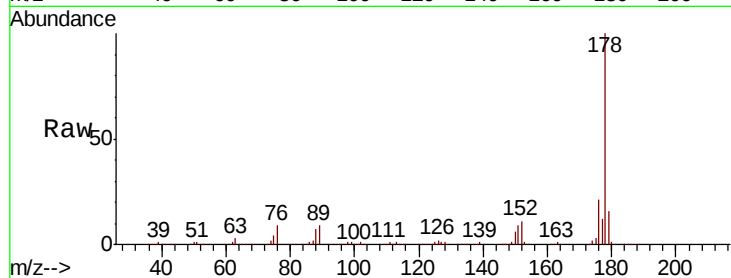
BNA_F

ClientSampleId :

RO-COMPMS

Tot Ion:178 Resp: 1416677

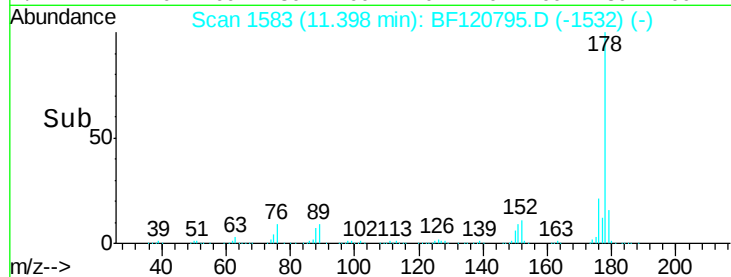
Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.4	24.6
179	16.2	12.9	19.3



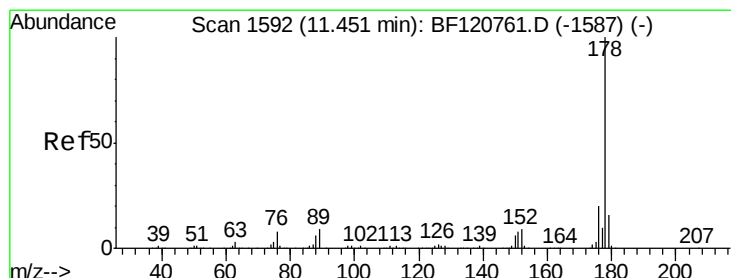
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Anthracene

Concen: 51.388 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

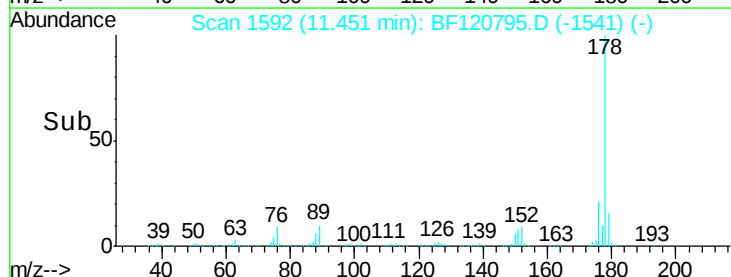
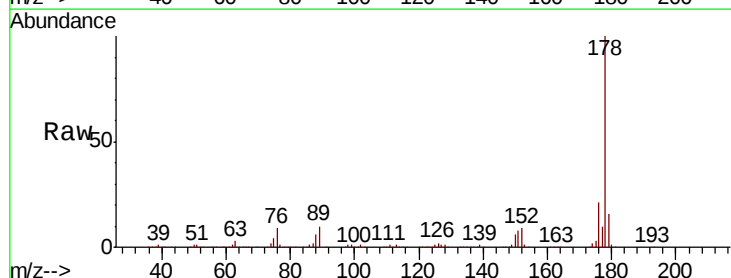
Tgt Ion:178 Resp: 1445830

Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.2	24.2
179	16.0	12.7	19.1

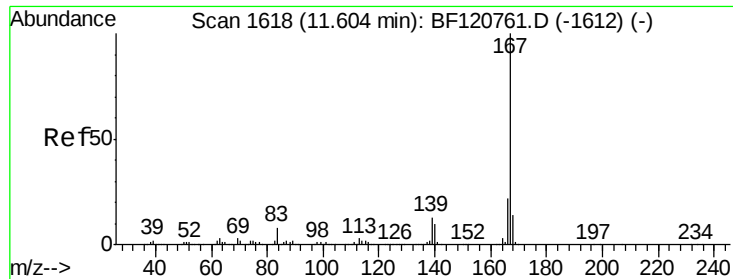
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->

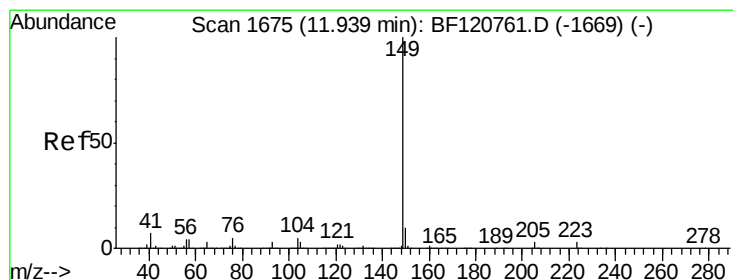
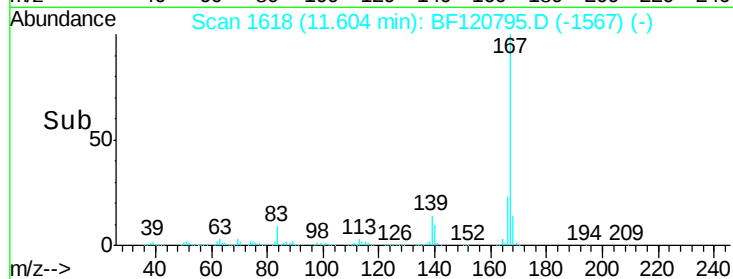
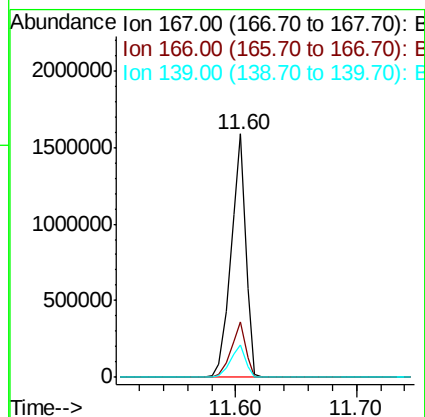
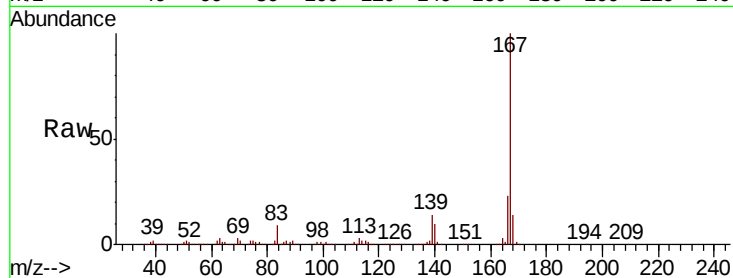


#73
 Carbazole
 Concen: 49.422 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMS

Tot Ion:167 Resp: 1336239

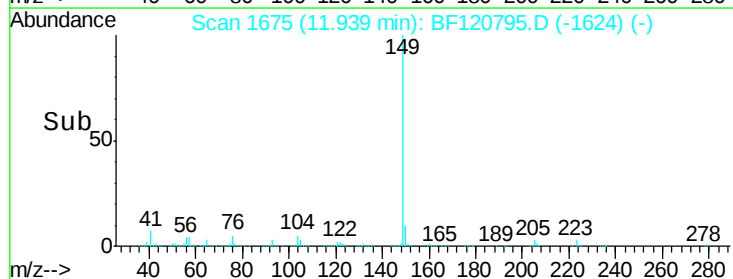
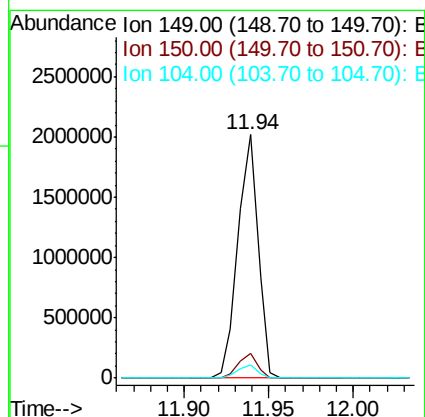
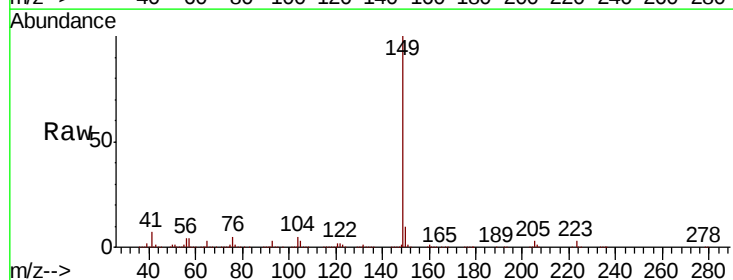
Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.8	26.8
139	13.5	10.7	16.1



#74
 Di-n-butylphthalate
 Concen: 50.218 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

Tgt Ion:149 Resp: 1681006

Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	5.3	4.0	6.0

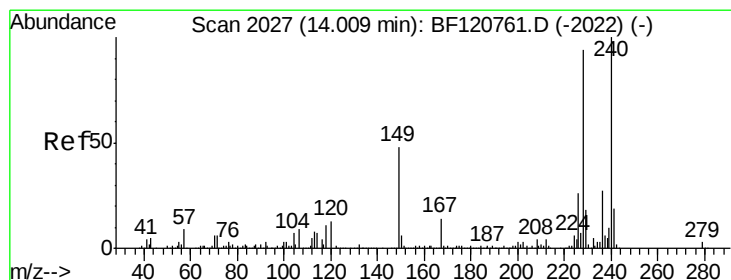
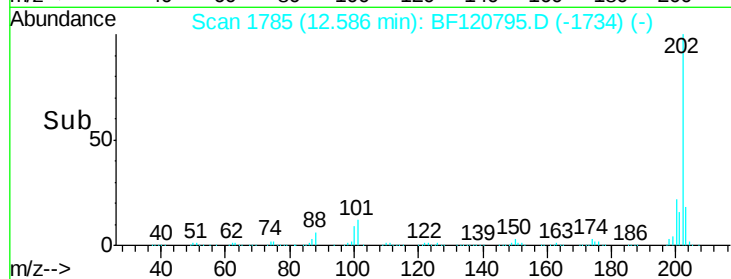
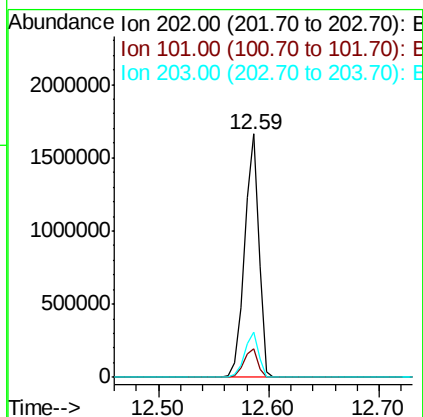
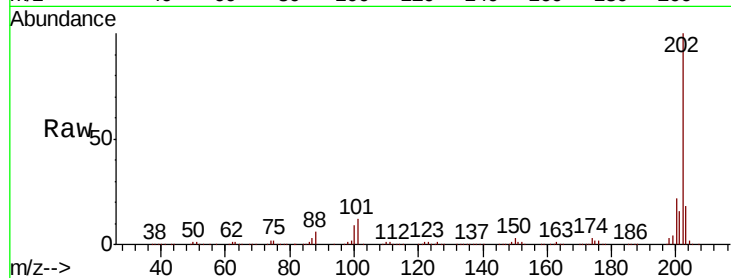




#75
Fluoranthene
Concen: 50.877 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

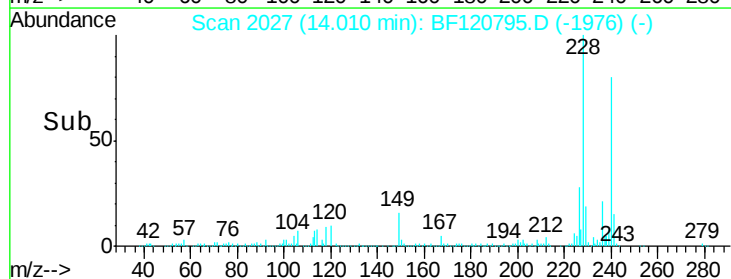
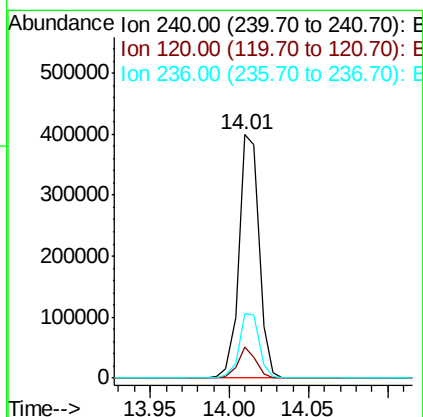
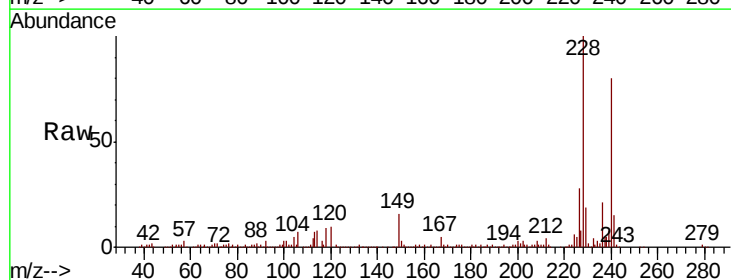
Instrument :
BNA_F
ClientSampleId :
RO-COMPMS

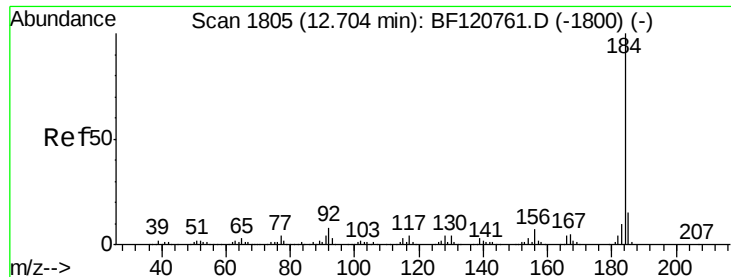
Tot Ion:202 Resp: 1509027
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.6
203 18.4 0.0 38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

Tgt Ion:240 Resp: 352435
Ion Ratio Lower Upper
240 100
120 13.0 10.3 15.5
236 26.6 21.4 32.2





#77

Benzidine

Concen: 54.279 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

BNA_F

ClientSampleId :

RO-COMPMS

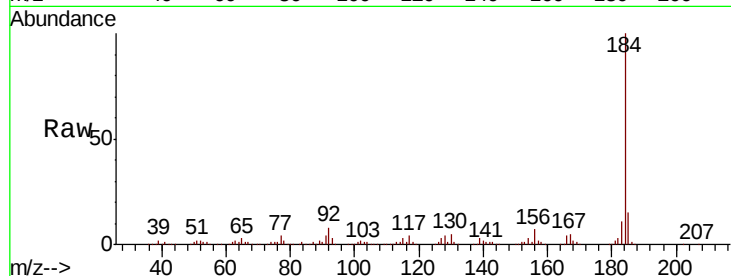
Tot Ion:184 Resp: 539955

Ion Ratio Lower Upper

184 100

185 14.9 11.8 17.8

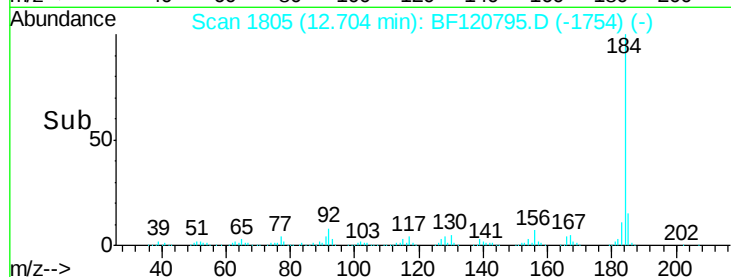
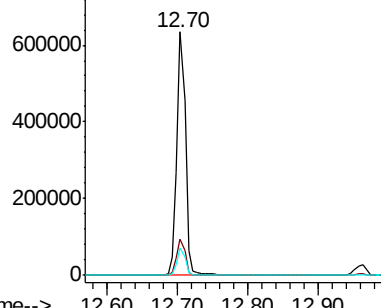
183 11.0 8.3 12.5



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: 53.157 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

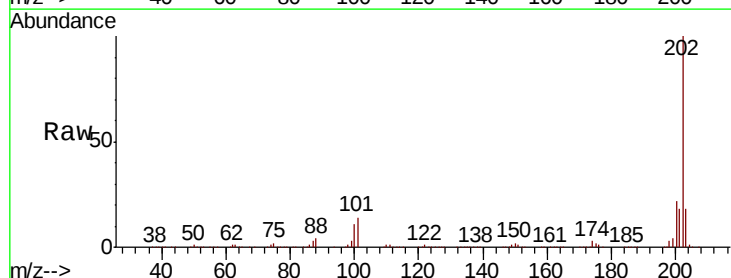
Tgt Ion:202 Resp: 1496227

Ion Ratio Lower Upper

202 100

200 22.0 17.3 25.9

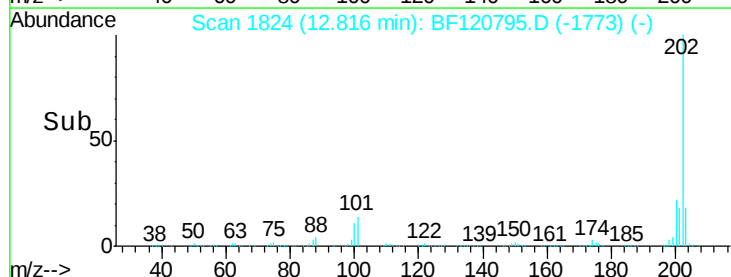
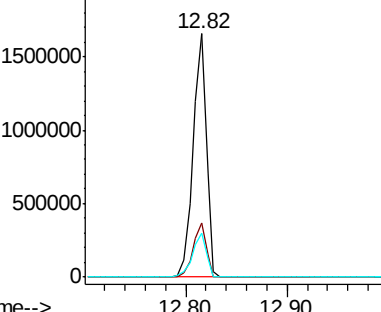
203 18.3 14.6 22.0



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: 110.716 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

BNA_F

ClientSampleId :

RO-COMPMS

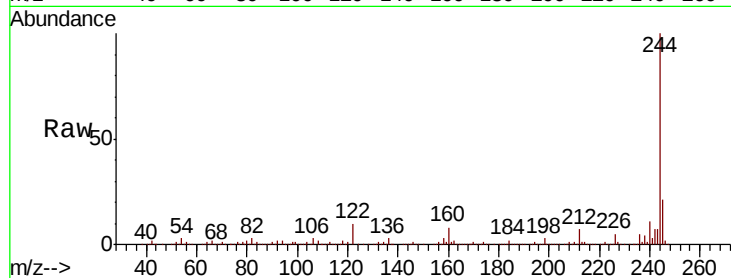
Tot Ion:244 Resp: 1992974

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

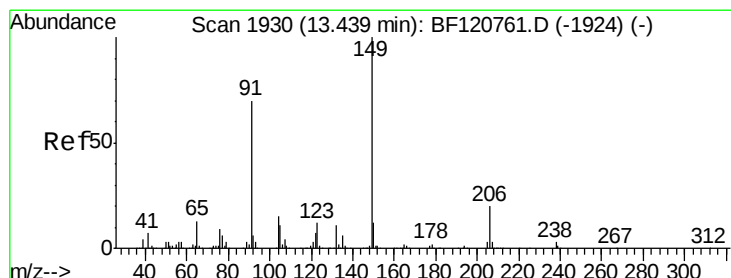
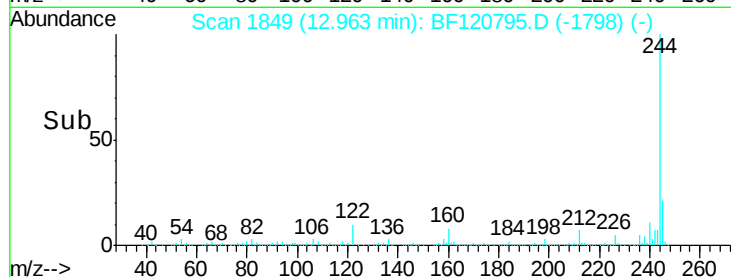
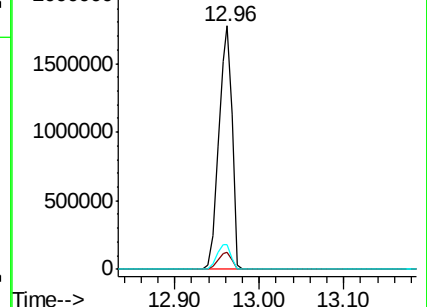
122 10.2 9.0 13.4



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: 56.888 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

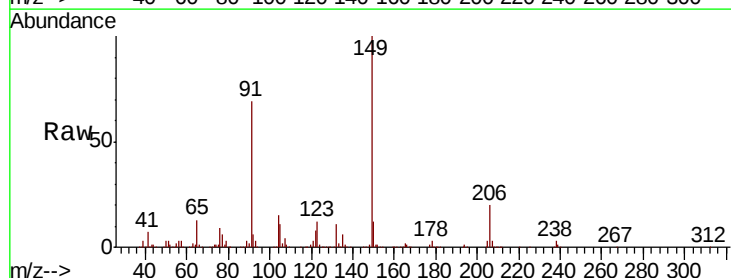
Tgt Ion:149 Resp: 691319

Ion Ratio Lower Upper

149 100

91 68.9 55.8 83.8

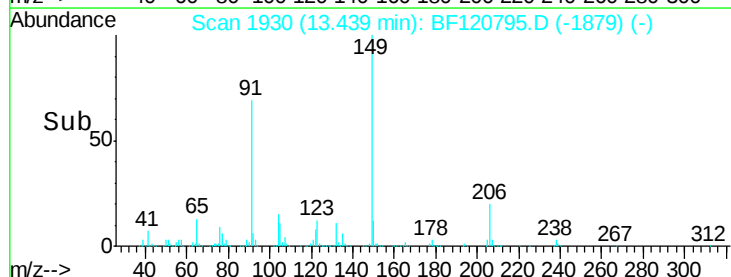
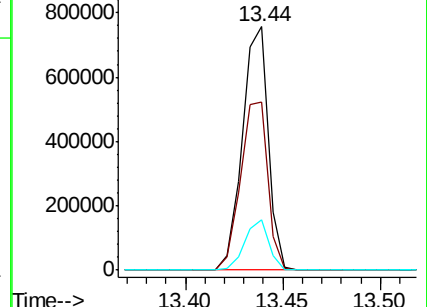
206 20.5 15.7 23.5

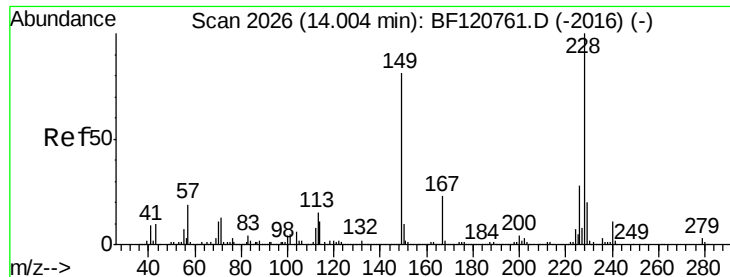


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.433 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

BNA_F

ClientSampleId :

RO-COMPMS

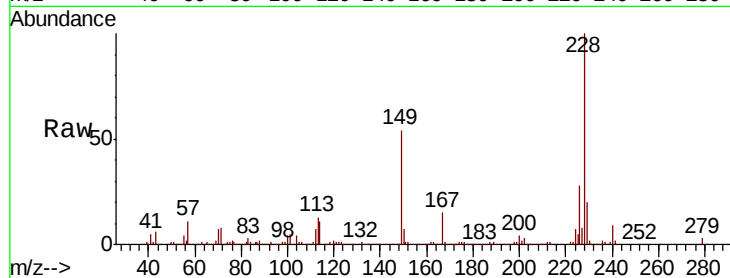
Tot Ion:228 Resp: 1116768

Ion Ratio Lower Upper

228 100

226 28.3 22.6 33.8

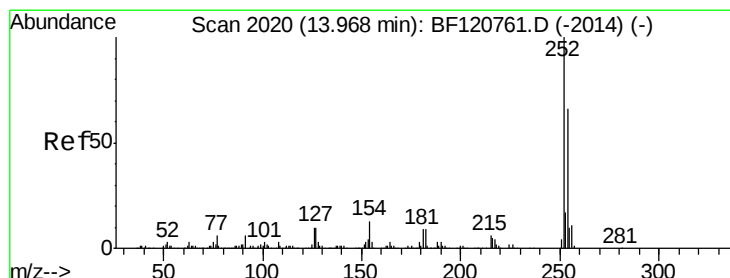
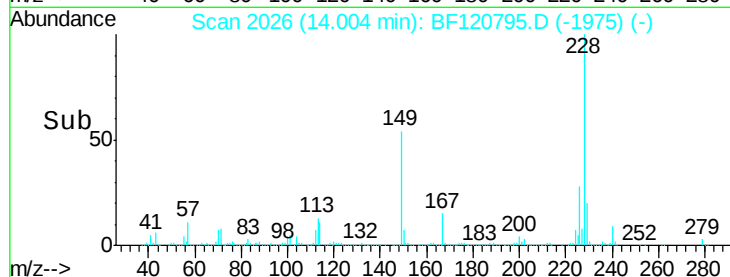
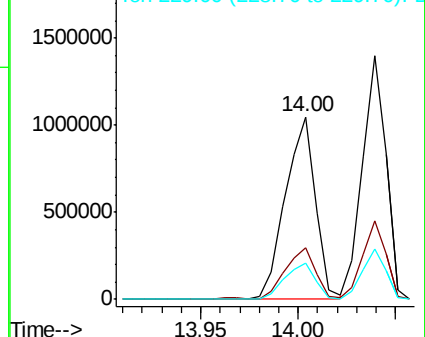
229 19.6 15.8 23.6



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: 46.624 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

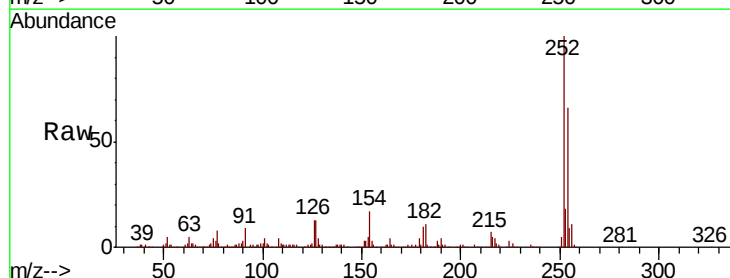
Tgt Ion:252 Resp: 355455

Ion Ratio Lower Upper

252 100

254 66.4 52.6 78.8

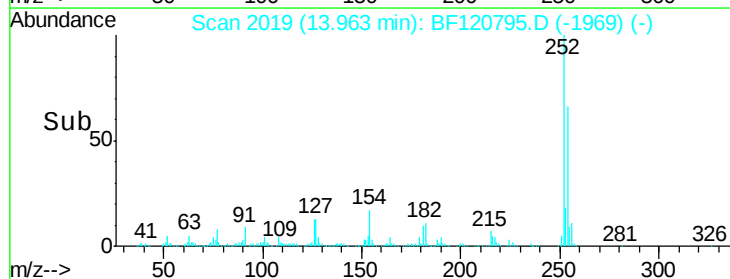
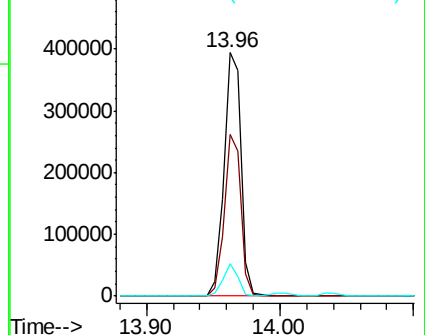
126 13.1 7.8 11.8#

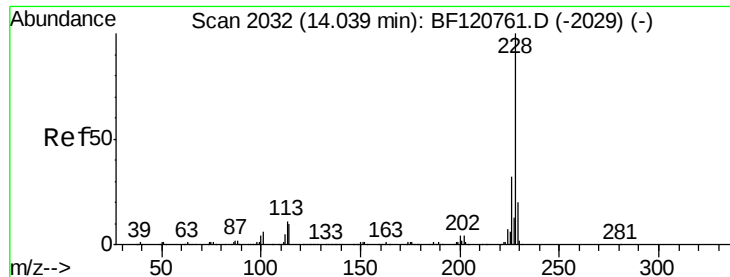


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 51.069 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

BNA_F

ClientSampleId :

RO-COMPMS

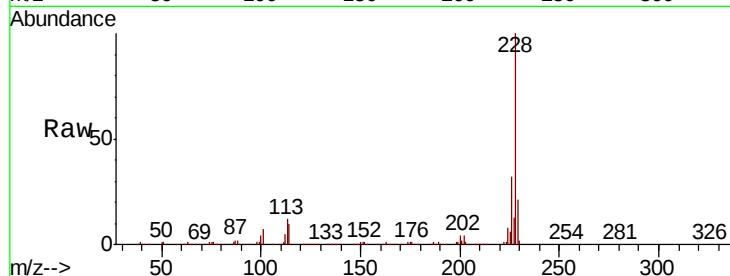
Tot Ion:228 Resp: 1176836

Ion Ratio Lower Upper

228 100

226 32.3 25.7 38.5

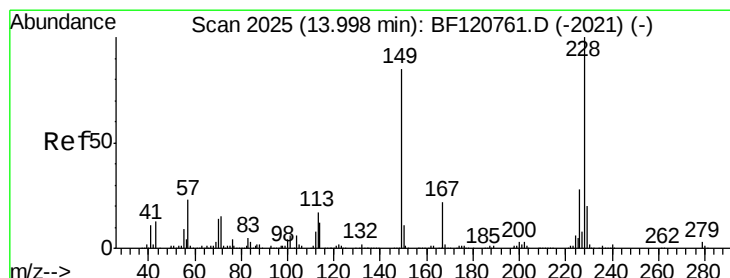
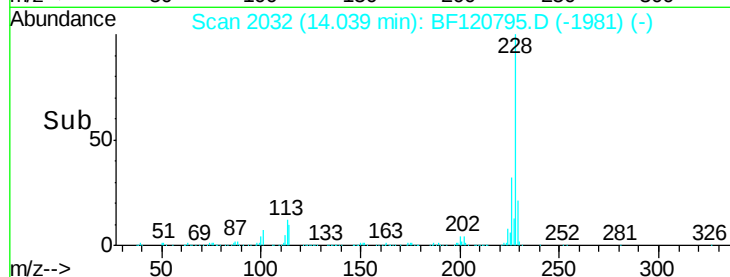
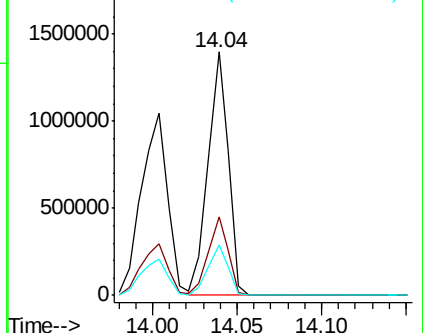
229 20.5 16.3 24.5



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: 53.037 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

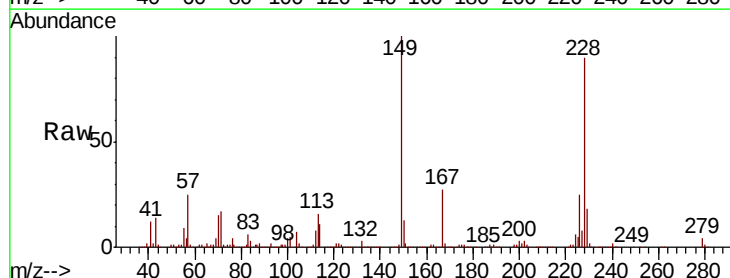
Tgt Ion:149 Resp: 845187

Ion Ratio Lower Upper

149 100

167 26.8 20.9 31.3

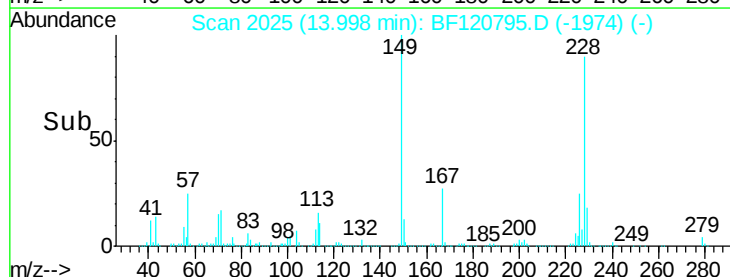
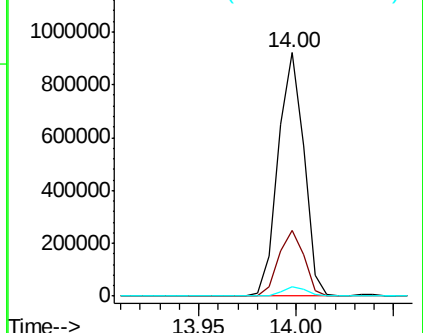
279 4.0 2.6 4.0#



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: 55.772 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

BNA_F

ClientSampleId :

RO-COMPMS

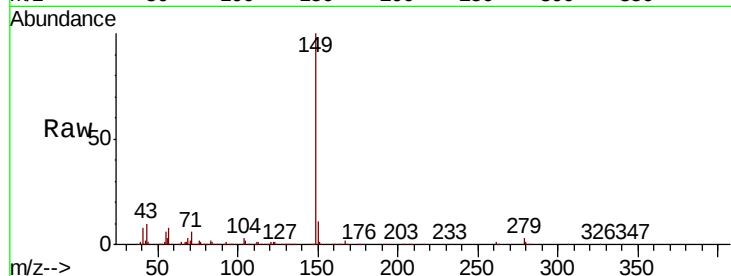
Tot Ion:149 Resp: 1572325

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

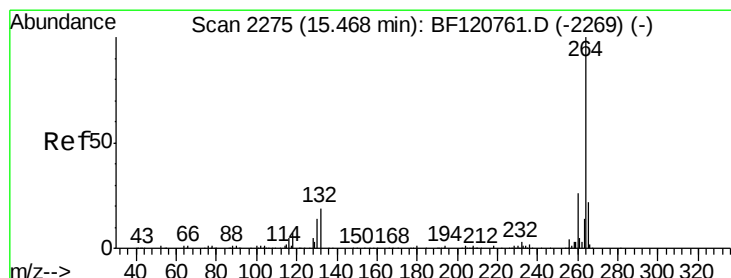
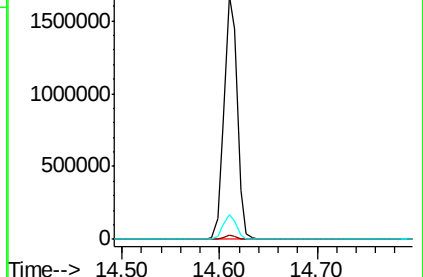
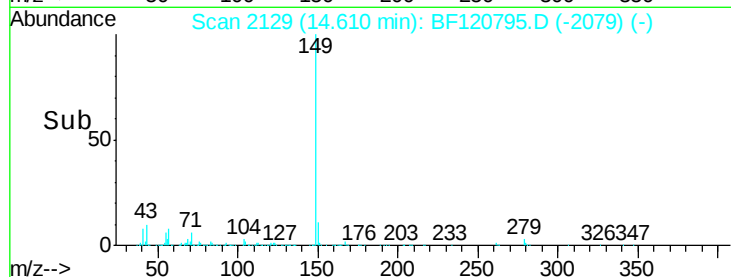
43 10.3 8.7 13.1



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: BF120795.D

Acq: 7 Jul 2020 18:55

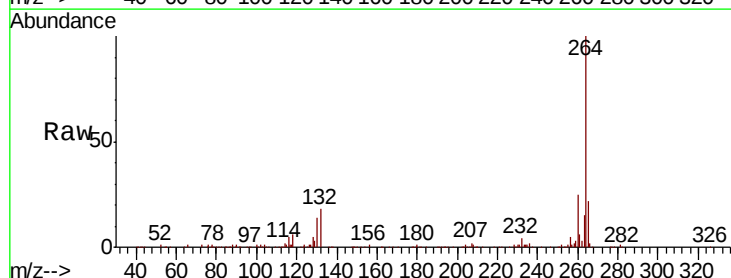
Tgt Ion:264 Resp: 283593

Ion Ratio Lower Upper

264 100

260 25.4 20.6 30.8

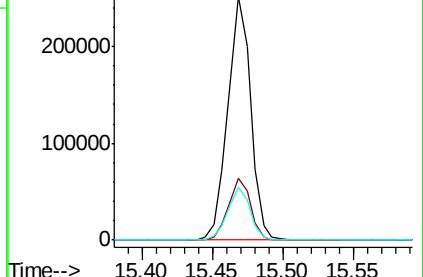
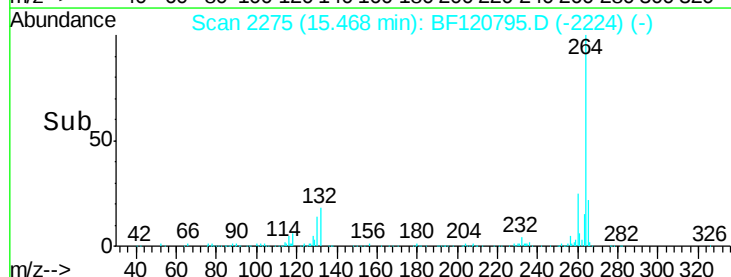
265 21.8 17.6 26.4

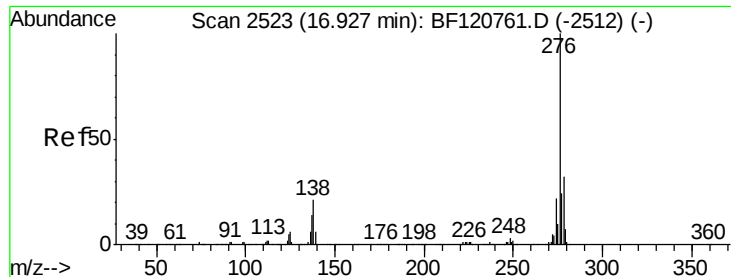


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

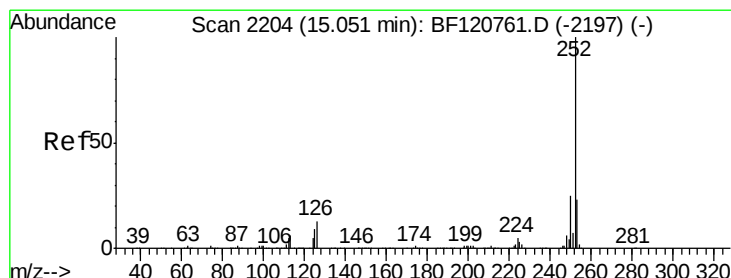
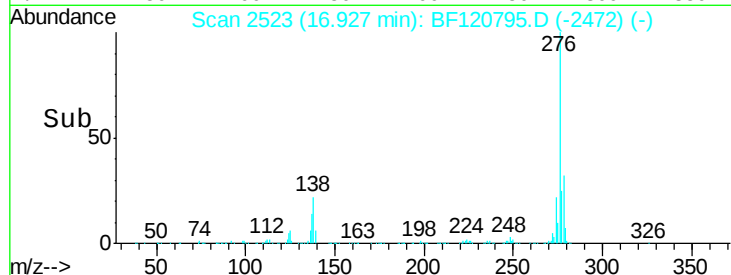
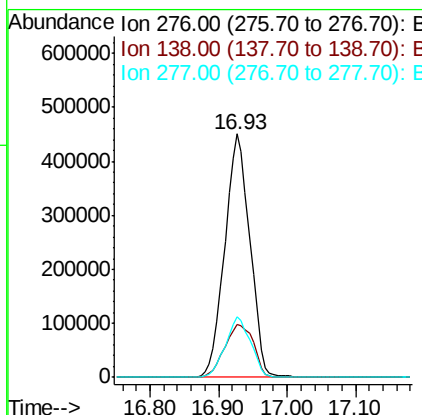
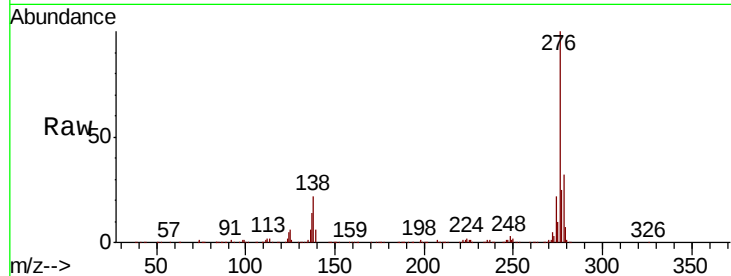




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 62.829 ng
 RT: 16.93 min Scan# 2523
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

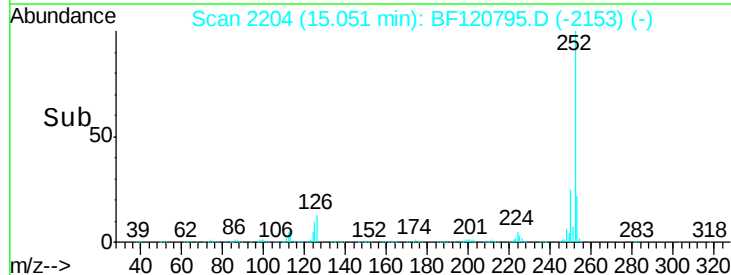
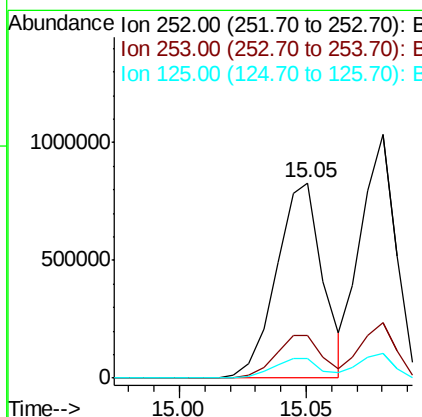
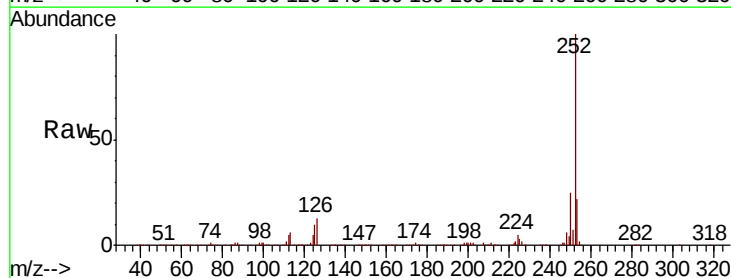
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMS

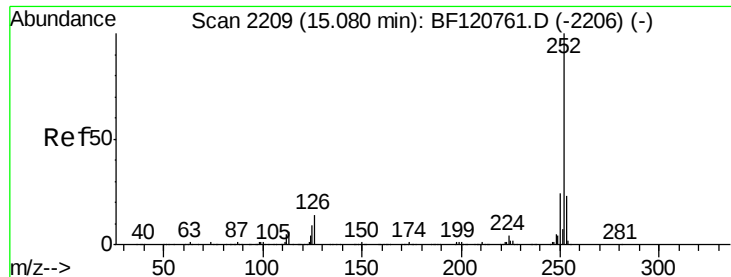
Tot Ion:276 Resp: 1142863
 Ion Ratio Lower Upper
 276 100
 138 25.0 19.8 29.8
 277 25.0 19.9 29.9



#88
 Benzo(b)fluoranthene
 Concen: 56.431 ng
 RT: 15.05 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

Tgt Ion:252 Resp: 1052108
 Ion Ratio Lower Upper
 252 100
 253 22.1 18.0 27.0
 125 9.7 7.5 11.3

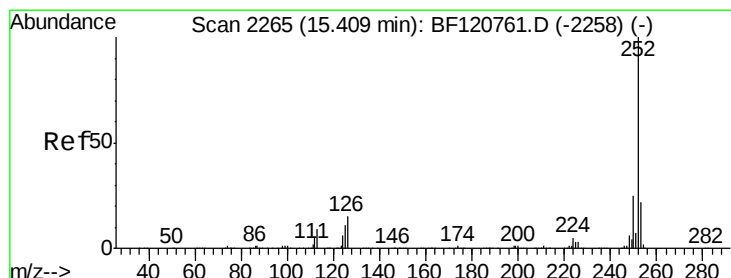
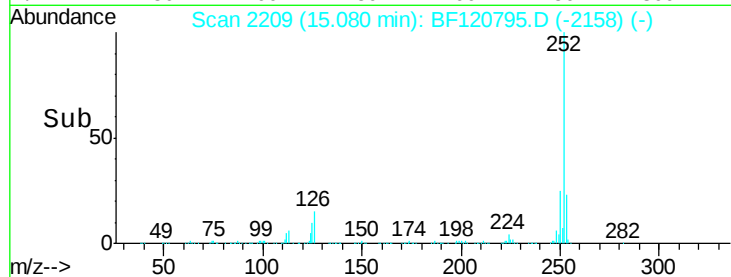
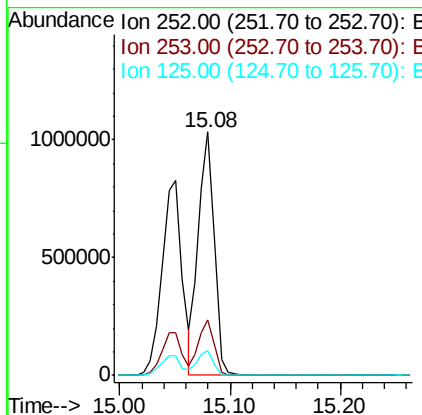
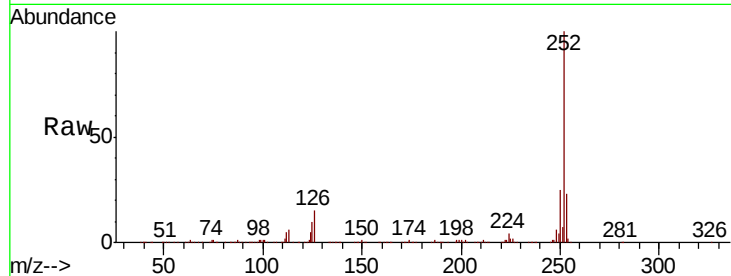




#89
Benzo(k)fluoranthene
Concen: 55.117 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

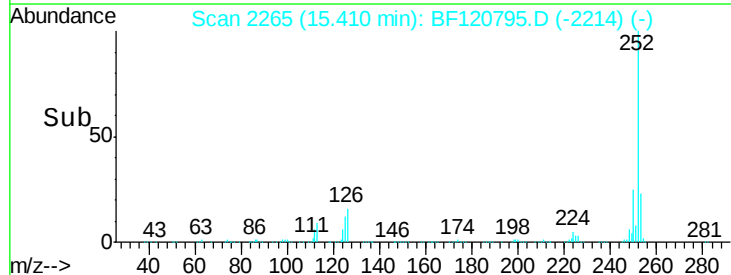
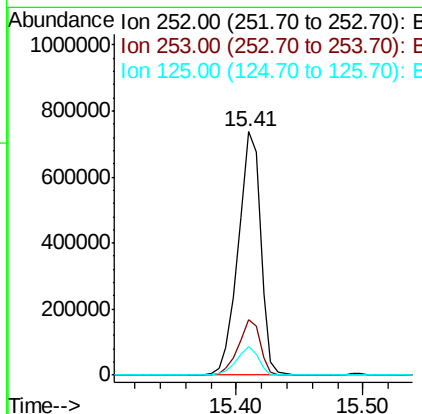
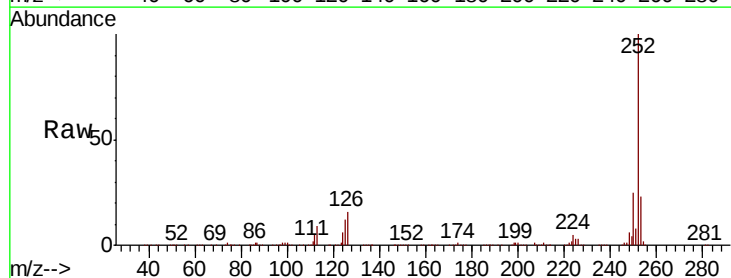
Instrument :
BNA_F
ClientSampleId :
RO-COMPMS

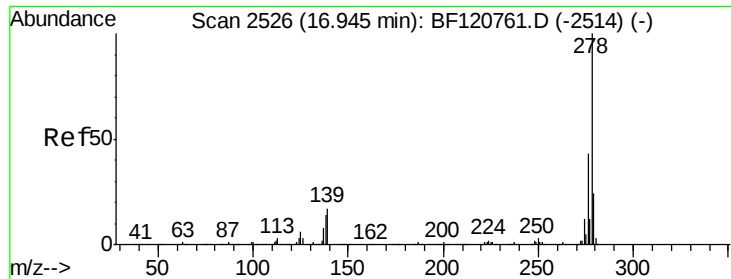
Tot Ion:252 Resp: 999926
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 10.2 7.6 11.4



#90
Benzo(a)pyrene
Concen: 54.008 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

Tgt Ion:252 Resp: 898232
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.0
125 11.6 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 63.882 ng

RT: 16.95 min Scan# 2527

Delta R.T. 0.01 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

BNA_F

ClientSampleId :

RO-COMPMS

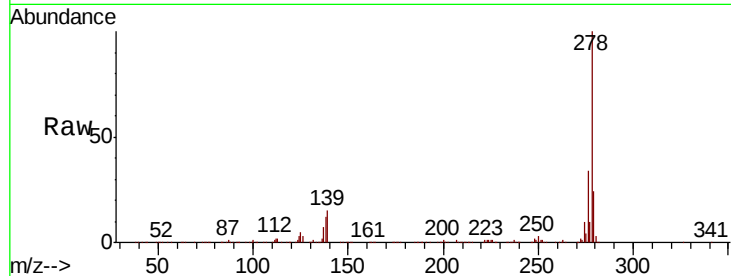
Tot Ion:278 Resp: 968503

Ion Ratio Lower Upper

278 100

139 15.3 13.3 19.9

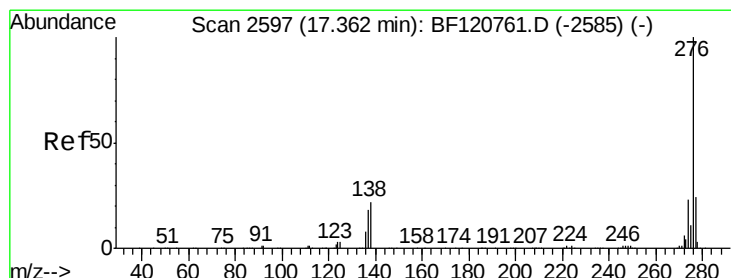
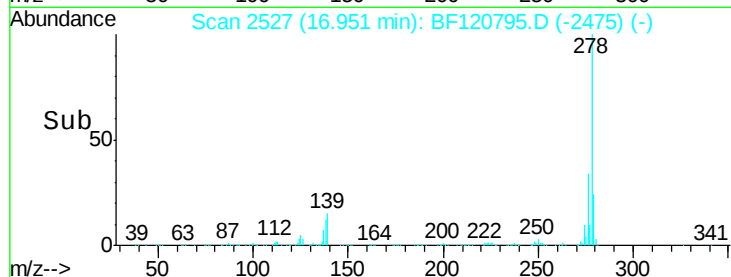
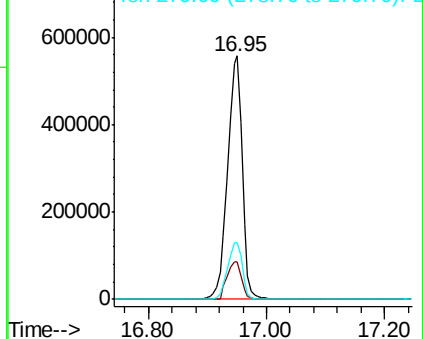
279 23.6 19.0 28.6



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: 64.569 ng

RT: 17.37 min Scan# 2598

Delta R.T. 0.01 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

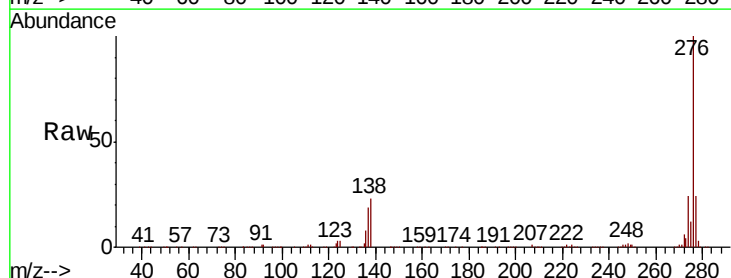
Tgt Ion:276 Resp: 894670

Ion Ratio Lower Upper

276 100

277 24.4 18.8 28.2

138 22.6 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

