

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
 Data File : BF120796.D
 Acq On : 7 Jul 2020 19:23
 Operator : JU/CG
 Sample : L3202-02MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMSD

Quant Time: Jul 08 01:15:37 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	155473	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	597793	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	298987	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	550264	20.00	ng	0.00
76) Chrysene-d12	14.02	240	394643	20.00	ng	0.00
86) Perylene-d12	15.47	264	316447	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1224216	121.55	ng	0.01
7) Phenol-d6	6.48	99	1361717	105.87	ng	0.00
23) Nitrobenzene-d5	7.42	82	1106186	107.21	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	460198	153.21	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1754103	88.76	ng	0.00
79) Terphenyl-d14	12.96	244	2112663	104.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	191515	41.627	ng	100
3) Pyridine	3.42	79	487077	38.651	ng	99
4) n-Nitrosodimethylamine	3.36	42	300872	47.725	ng	# 99
6) Aniline	6.51	93	599115	36.269	ng	99
8) 2-Chlorophenol	6.63	128	534981	49.891	ng	99
9) Benzaldehyde	6.40	77	97805	12.786	ng	98
10) Phenol	6.49	94	560438	42.357	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	540205	50.173	ng	100
12) 1,3-Dichlorobenzene	6.79	146	541206	45.854	ng	99
13) 1,4-Dichlorobenzene	6.87	146	546942	46.266	ng	99
14) 1,2-Dichlorobenzene	7.02	146	518497	46.101	ng	99
15) Benzyl Alcohol	6.99	79	460147	47.615	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	792898	47.214	ng	100
17) 2-Methylphenol	7.10	107	422844	44.079	ng	98
18) Hexachloroethane	7.36	117	209956	47.253	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	386928	49.962	ng	98
20) 3+4-Methylphenols	7.26	107	491205	41.575	ng	# 84
22) Acetophenone	7.26	105	713566	48.023	ng	# 95
24) Nitrobenzene	7.43	77	599566	51.754	ng	100
25) Isophorone	7.67	82	1071562	48.157	ng	99
26) 2-Nitrophenol	7.75	139	265799	54.032	ng	90
27) 2,4-Dimethylphenol	7.79	122	451323	50.810	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	677353	51.434	ng	99
29) 2,4-Dichlorophenol	7.99	162	441485	49.787	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	476047	47.797	ng	100
31) Naphthalene	8.16	128	1523481	47.687	ng	100
32) Benzoic acid	7.85	122	43498	10.540	ng	98
33) 4-Chloroaniline	8.20	127	338230	24.949	ng	96
34) Hexachlorobutadiene	8.27	225	272273	45.454	ng	98
35) Caprolactam	8.57	113	59497	23.027	ng	96
36) 4-Chloro-3-methylphenol	8.68	107	464018	50.305	ng	96
37) 2-Methylnaphthalene	8.85	142	1037740	49.968	ng	99
38) 1-Methylnaphthalene	8.95	142	975664	50.154	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	438048	48.477	ng	99

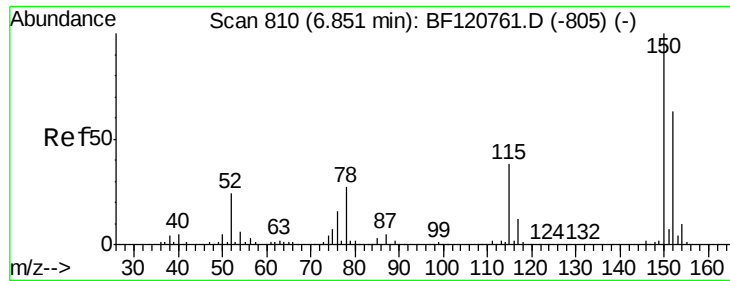
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	446757	83.680	nq	98
43) 2,4,6-Trichlorophenol	9.12	196	317046	51.491	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	335830	49.146	nq	98
46) 1,1'-Biphenyl	9.31	154	1228624	50.944	nq	100
47) 2-Chloronaphthalene	9.34	162	959404	49.656	nq	98
48) 2-Nitroaniline	9.43	65	318352	54.645	nq	97
49) Acenaphthylene	9.75	152	1492074	49.257	nq	99
50) Dimethylphthalate	9.62	163	1253006	57.450	nq	100
51) 2,6-Dinitrotoluene	9.67	165	239526	54.914	nq	90
52) Acenaphthene	9.93	154	925172	49.232	nq	99
53) 3-Nitroaniline	9.84	138	199061	37.919	nq	98
54) 2,4-Dinitrophenol	9.94	184	42064	31.259	nq	90
55) Dibenzofuran	10.10	168	1353259	49.958	nq	98
56) 4-Nitrophenol	10.00	139	333298	83.240	nq	99
57) 2,4-Dinitrotoluene	10.07	165	315457	57.757	nq	93
58) Fluorene	10.44	166	976537	48.434	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	277997	54.670	nq	93
60) Diethylphthalate	10.32	149	1147086	50.488	nq	98
61) 4-Chlorophenyl-phenylether	10.43	204	468315	46.204	nq	99
62) 4-Nitroaniline	10.46	138	257646	55.598	nq	96
63) Azobenzene	10.59	77	1149439	49.456	nq	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	52752	26.477	nq	85
66) n-Nitrosodiphenylamine	10.55	169	944070	51.187	nq	98
67) 4-Bromophenyl-phenylether	10.92	248	314624	49.290	nq	98
68) Hexachlorobenzene	10.99	284	346498	51.731	nq	# 91
69) Atrazine	11.08	200	272325	57.314	nq	99
70) Pentachlorophenol	11.17	266	347749	91.764	nq	98
71) Phenanthrene	11.40	178	1496074	50.109	nq	99
72) Anthracene	11.45	178	1551717	51.432	nq	99
73) Carbazole	11.60	167	1438424	49.613	nq	100
74) Di-n-butylphthalate	11.94	149	1772240	49.373	nq	99
75) Fluoranthene	12.59	202	1634904	51.403	nq	99
77) Benzidine	12.71	184	803780	72.158	nq	99
78) Pyrene	12.82	202	1634352	51.854	nq	100
80) Butylbenzylphthalate	13.44	149	762385	56.026	nq	98
81) Benzo(a)anthracene	14.00	228	1213881	47.985	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	355484	41.641	nq	# 98
83) Chrysene	14.04	228	1344439	52.102	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	903348	50.624	nq	# 97
85) Di-n-octyl phthalate	14.61	149	1760222	55.759	nq	98
87) Indeno(1,2,3-cd)pyrene	16.93	276	1186061	58.434	nq	100
88) Benzo(b)fluoranthene	15.05	252	1164109	55.956	nq	99
89) Benzo(k)fluoranthene	15.08	252	1156467	57.128	nq	98
90) Benzo(a)pyrene	15.42	252	1006247	54.221	nq	98
91) Dibenzo(a,h)anthracene	16.95	278	1013833	59.929	nq	99
92) Benzo(g,h,i)perylene	17.37	276	928482	60.052	nq	99

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

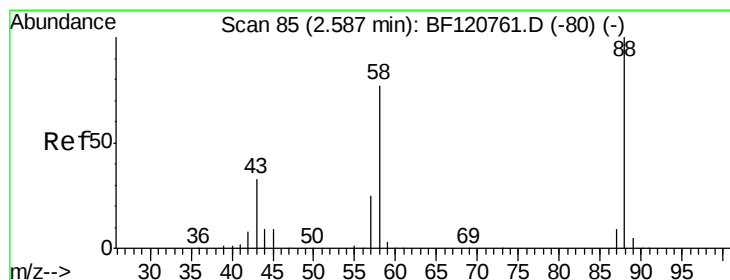
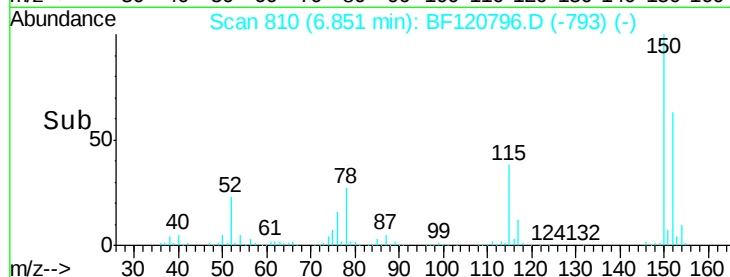
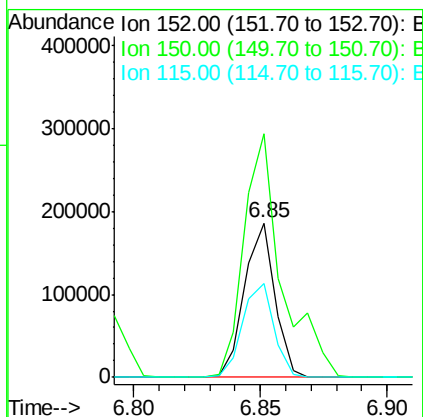
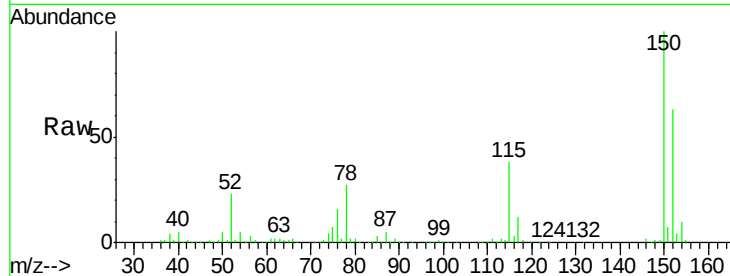


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF120796.D
Acq: 7 Jul 2020 19:23

Instrument :
BNA_F
ClientSampleId :
RO-COMPMSD

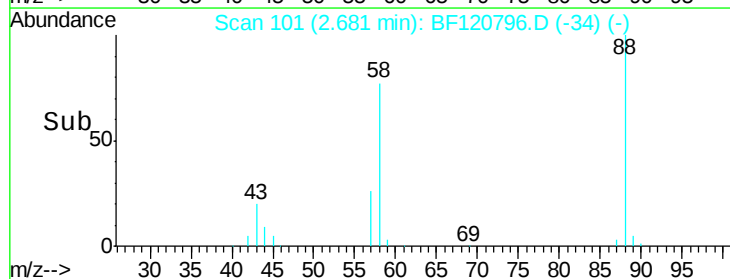
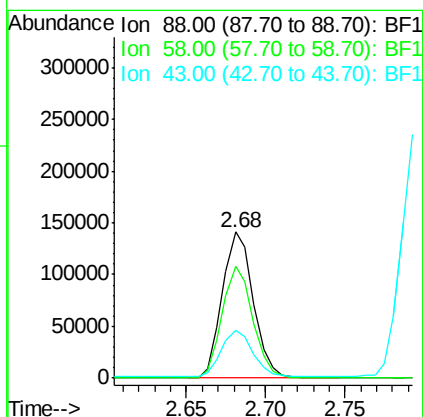
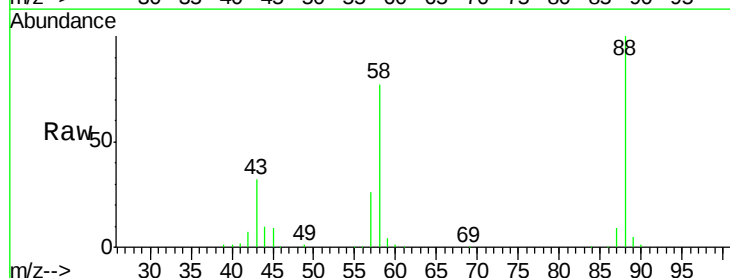
Tot Ion:152 Resp: 155473
Ion Ratio Lower Upper
152 100
150 157.6 126.1 189.1
115 60.6 48.5 72.7

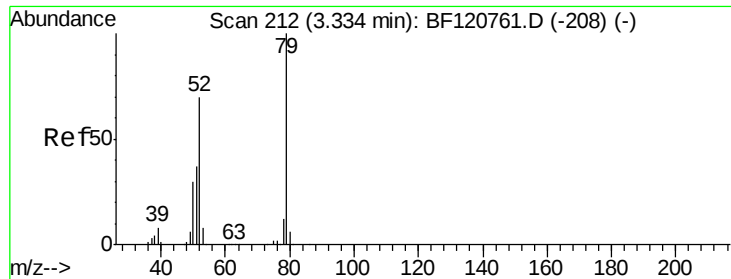


#2

1,4-Dioxane
Concen: 41.627 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.09 min
Lab File: BF120796.D
Acq: 7 Jul 2020 19:23

Tgt Ion: 88 Resp: 191515
Ion Ratio Lower Upper
88 100
58 75.7 60.4 90.6
43 32.7 26.3 39.5





#3

Pvridine

Concen: 38.651 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.08 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Instrument :

BNA_F

ClientSampleId :

RO-COMPMSD

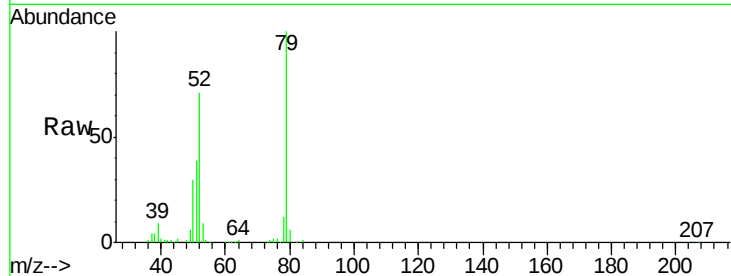
Tot Ion: 79 Resp: 487077

Ion Ratio Lower Upper

79 100

52 71.3 56.3 84.5

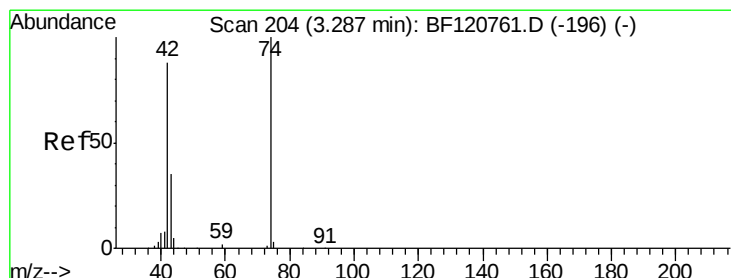
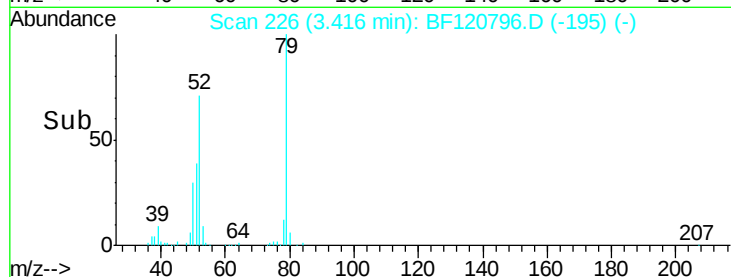
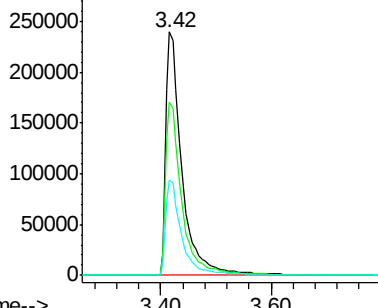
51 38.9 30.1 45.1



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: 47.725 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.07 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

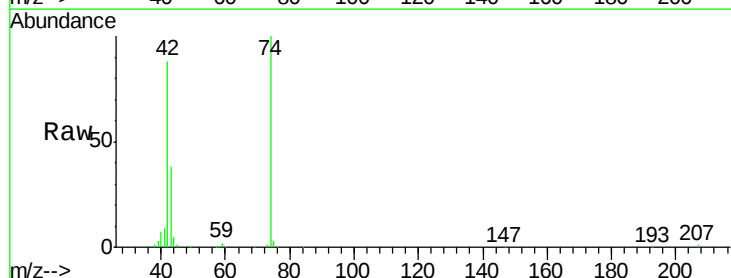
Tgt Ion: 42 Resp: 300872

Ion Ratio Lower Upper

42 100

74 114.0 90.8 136.2

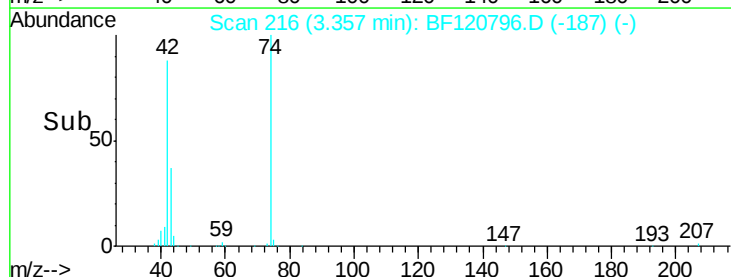
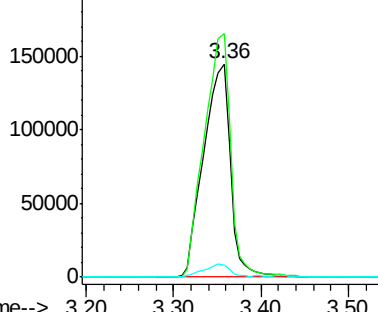
44 5.8 5.8 8.8#

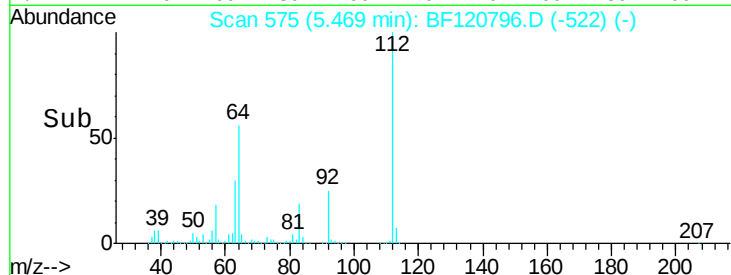
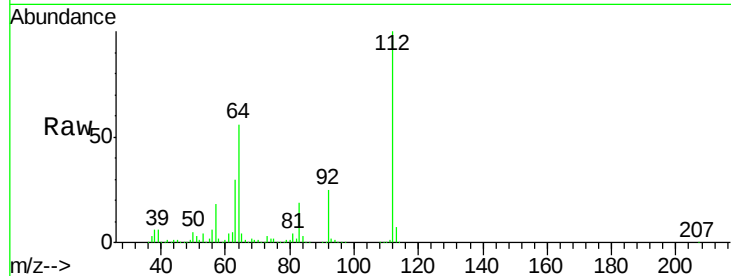
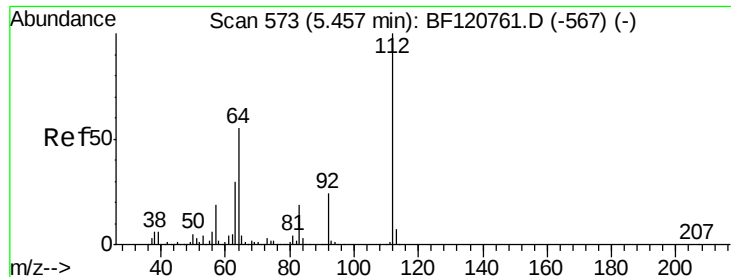


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 121.549 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Instrument :

BNA_F

ClientSampleId :

RO-COMPMSD

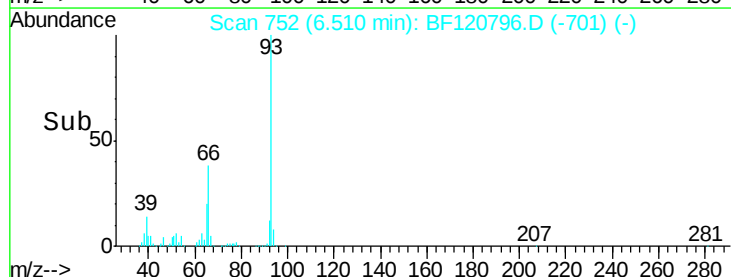
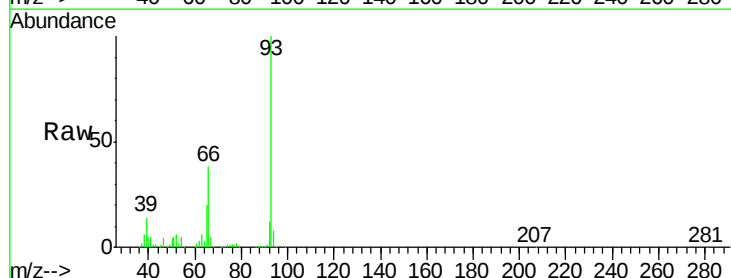
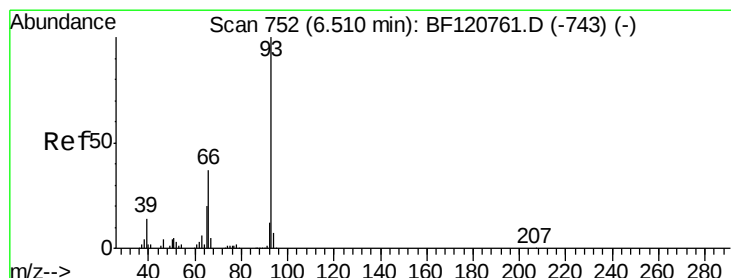
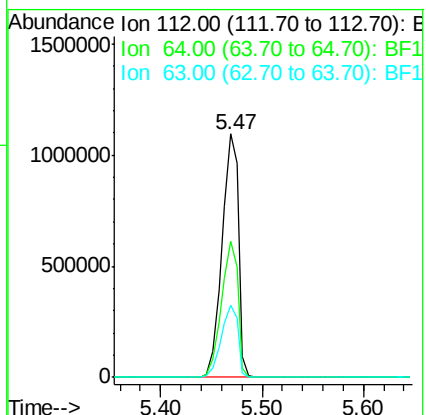
Tot Ion:112 Resp: 1224216

Ion Ratio Lower Upper

112 100

64 56.2 43.8 65.6

63 29.8 23.6 35.4



#6

Aniline

Concen: 36.269 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

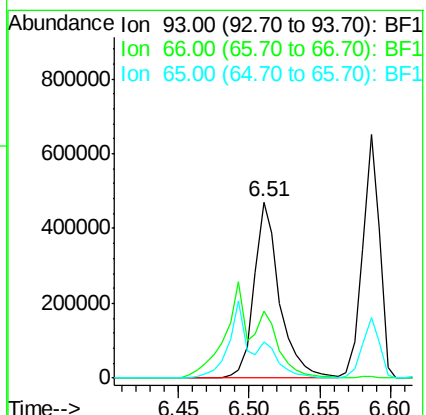
Tgt Ion: 93 Resp: 599115

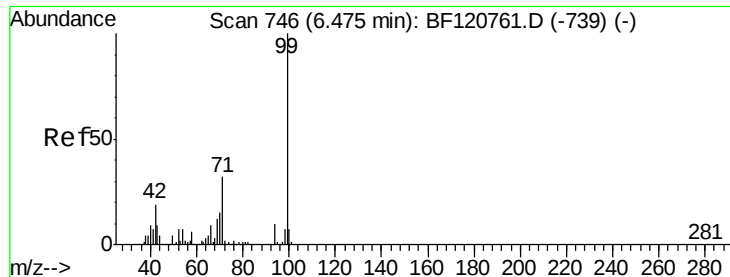
Ion Ratio Lower Upper

93 100

66 38.1 31.3 46.9

65 20.5 16.5 24.7





#7

Phenol-d6

Concen: 105.871 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Instrument :

BNA_F

ClientSampleId :

RO-COMPMSD

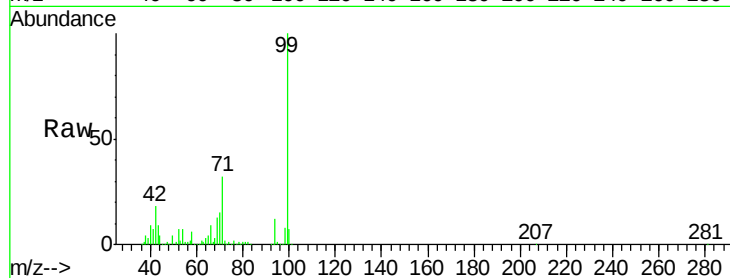
Tot Ion: 99 Resp: 1361717

Ion Ratio Lower Upper

99 100

42 18.5 15.4 23.0

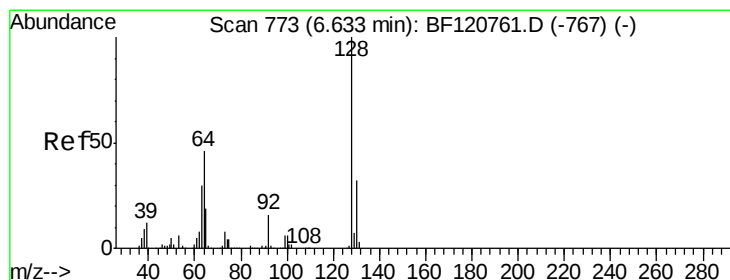
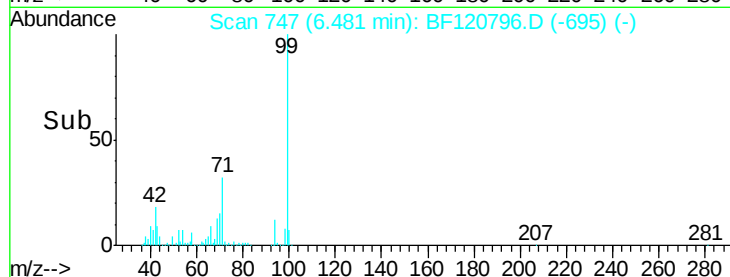
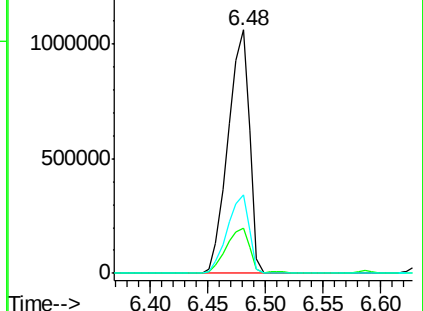
71 32.0 25.9 38.9



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: 49.891 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

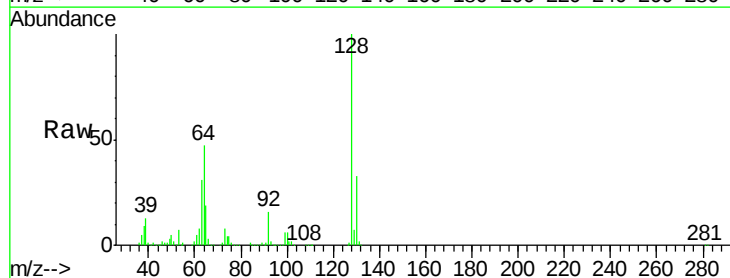
Tgt Ion: 128 Resp: 534981

Ion Ratio Lower Upper

128 100

130 32.9 12.1 52.1

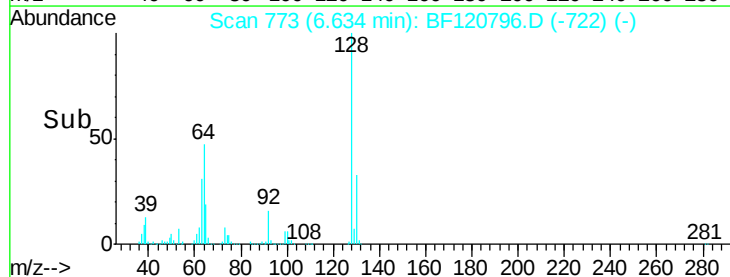
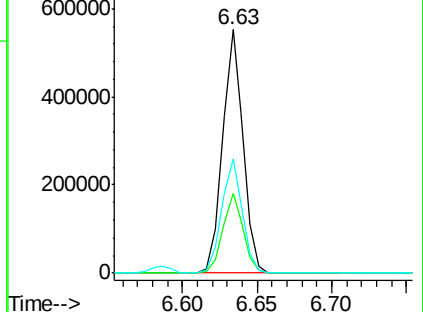
64 47.0 26.3 66.3

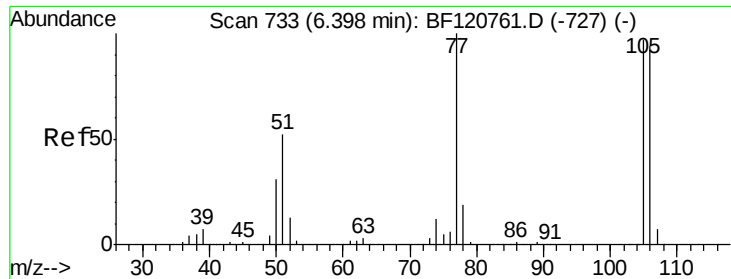


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 12.786 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Instrument :

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ClientSampleId :

RO-COMPMSD

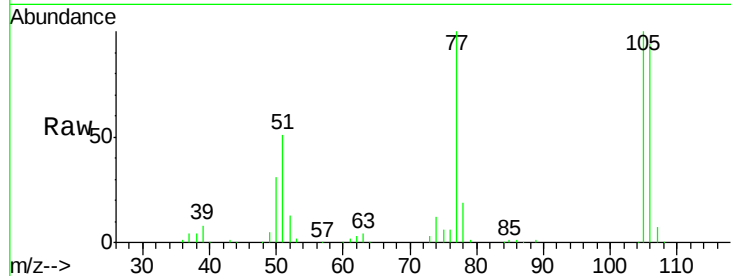
Tot Ion: 77 Resp: 97805

Ion Ratio Lower Upper

77 100

105 99.6 76.8 116.8

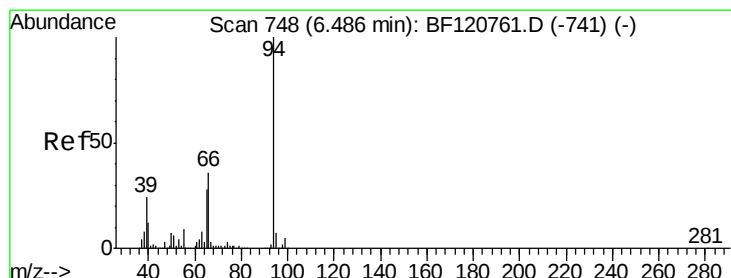
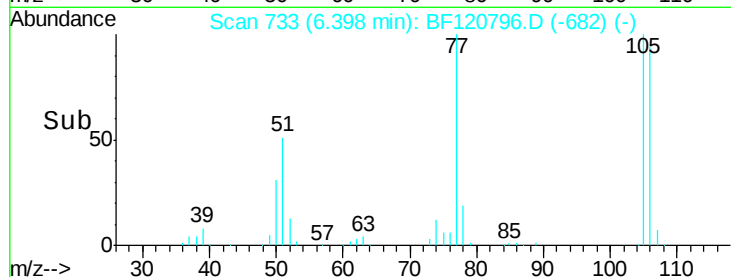
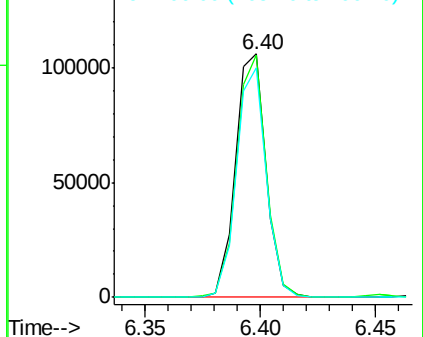
106 94.4 73.8 113.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.357 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

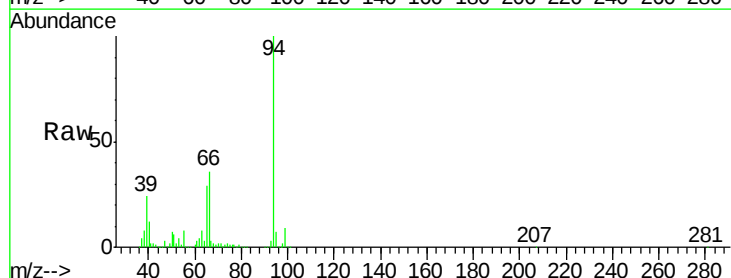
Tgt Ion: 94 Resp: 560438

Ion Ratio Lower Upper

94 100

65 29.1 8.4 48.4

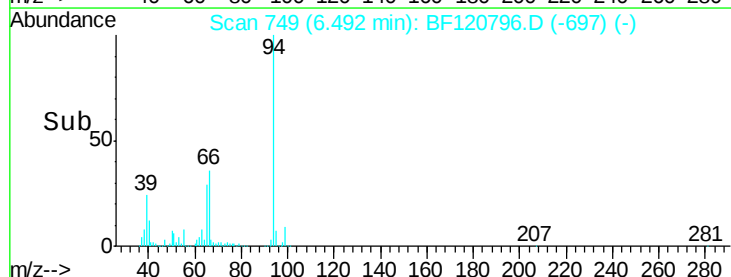
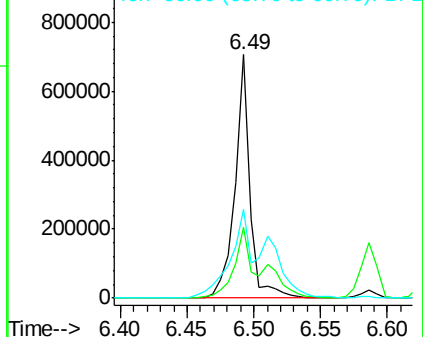
66 36.4 16.5 56.5

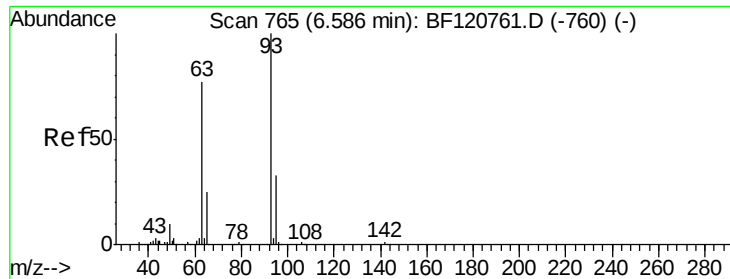


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

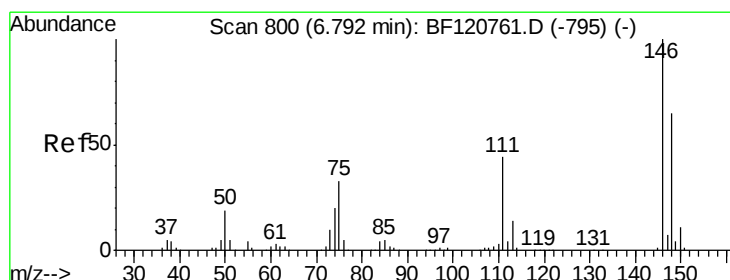
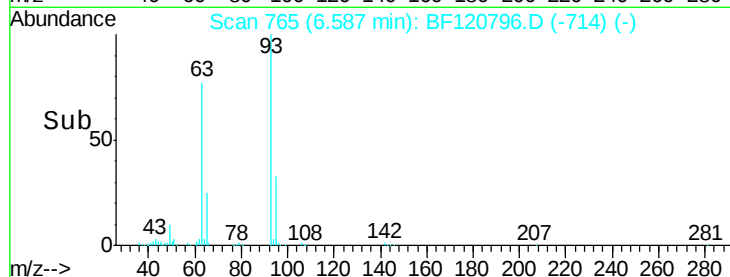
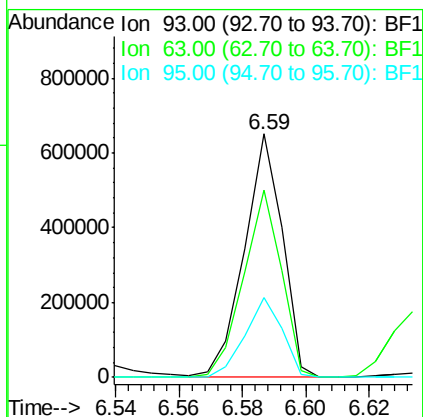
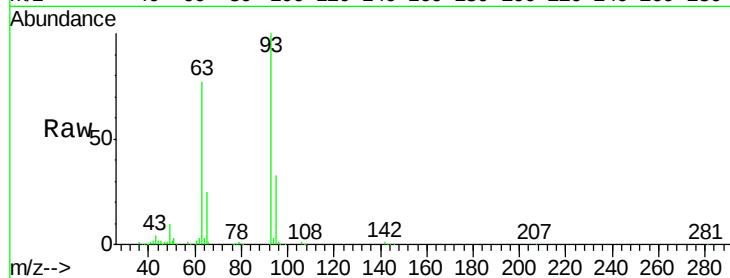




#11
bis(2-Chloroethyl)ether
Concen: 50.173 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF120796.D
Acq: 7 Jul 2020 19:23

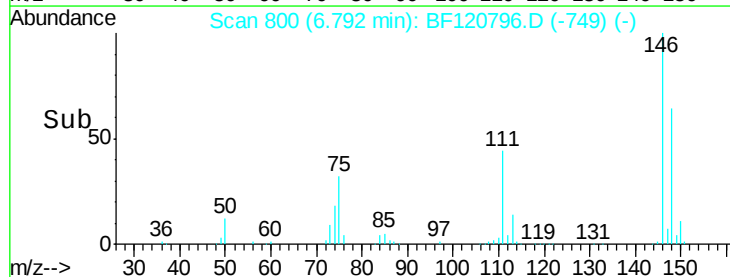
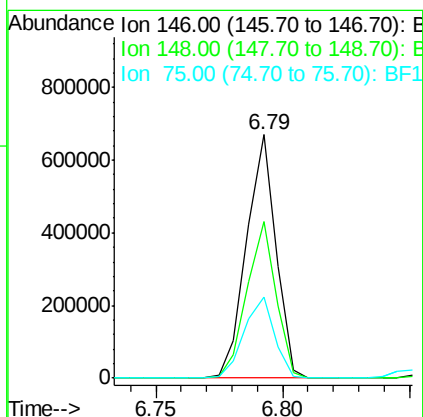
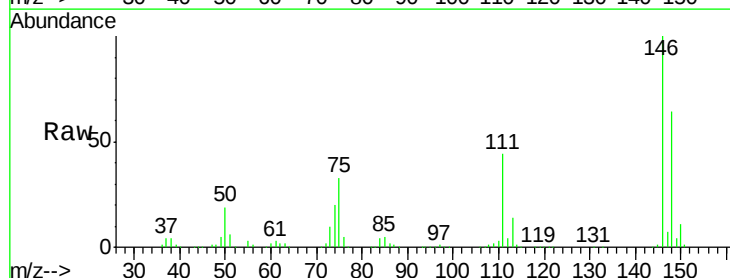
Instrument :
BNA_F
ClientSampleId :
RO-COMPMSD

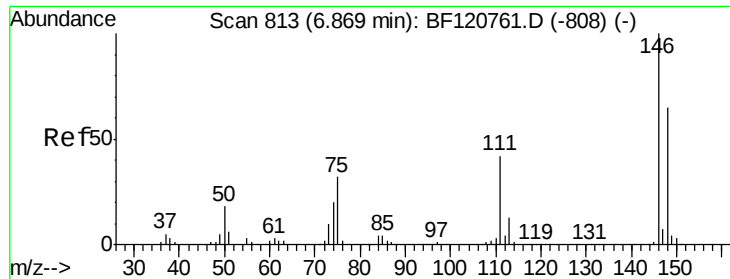
Tot Ion	Ratio	Lower	Upper
93	100		
63	76.8	56.9	96.9
95	32.8	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 45.854 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF120796.D
Acq: 7 Jul 2020 19:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.1	78.1
75	33.2	26.0	39.0

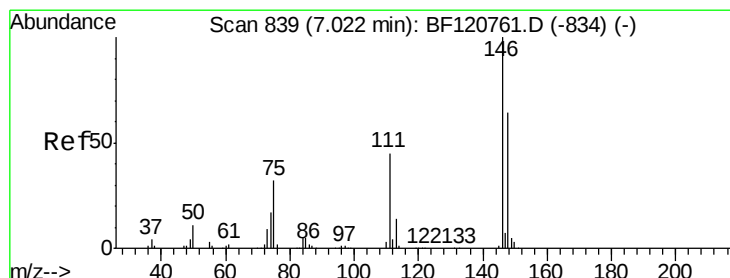
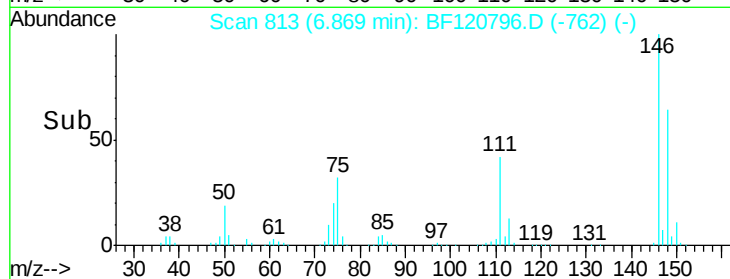
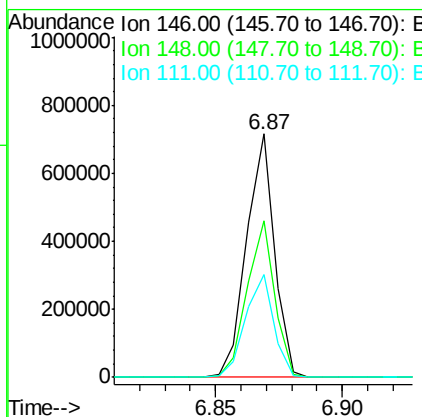
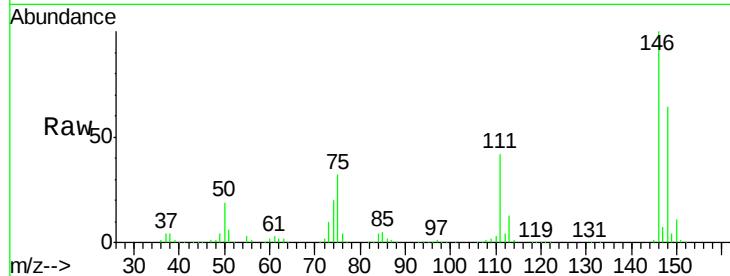




#13
 1,4-Dichlorobenzene
 Concen: 46.266 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF120796.D
 Acq: 7 Jul 2020 19:23

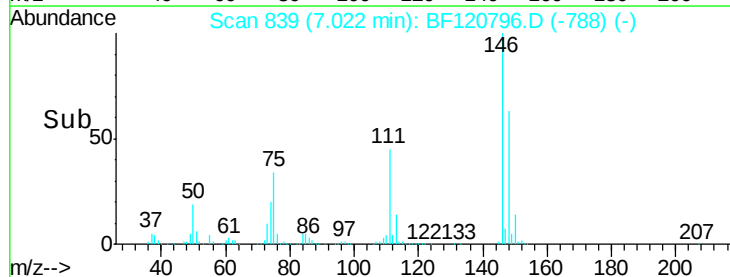
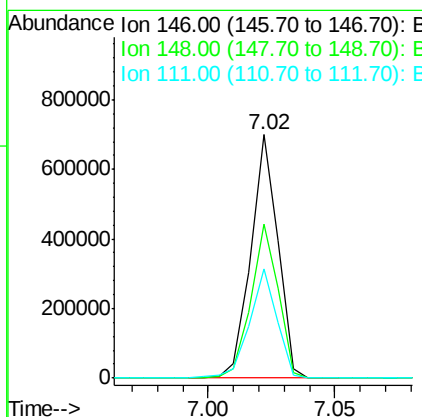
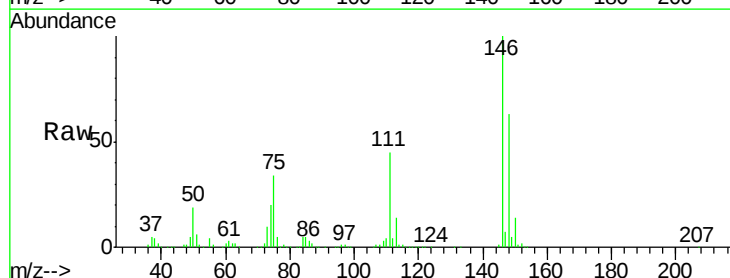
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMSD

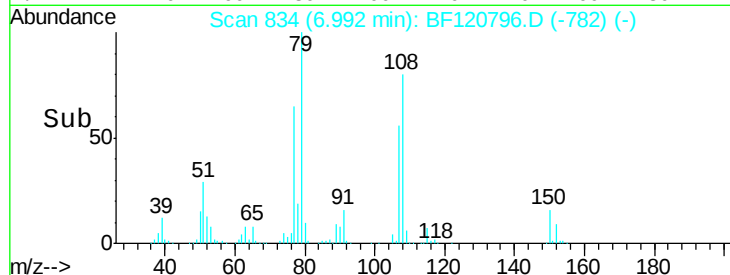
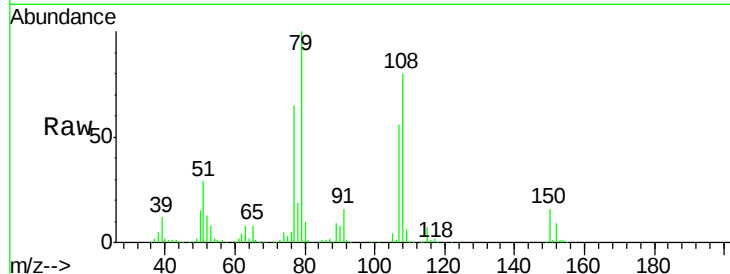
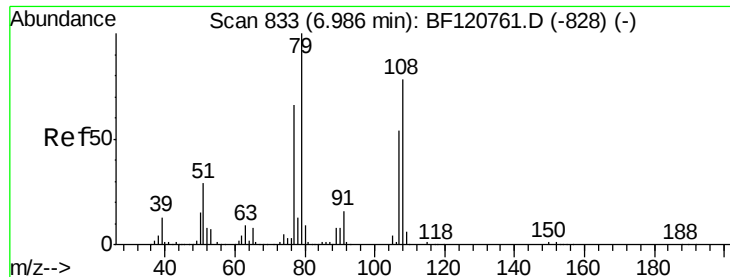
Tot Ion:146 Resp: 546942
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.8 77.6
 111 42.5 33.7 50.5



#14
 1,2-Dichlorobenzene
 Concen: 46.101 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF120796.D
 Acq: 7 Jul 2020 19:23

Tgt Ion:146 Resp: 518497
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.0 76.4
 111 44.8 35.7 53.5

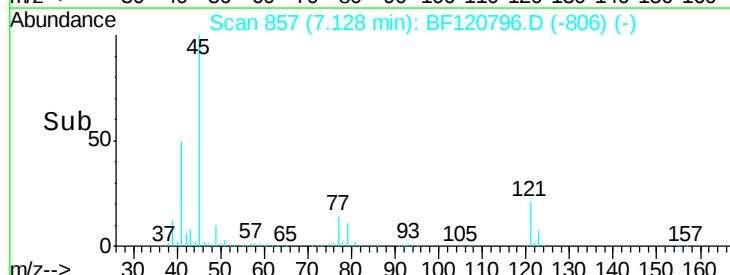
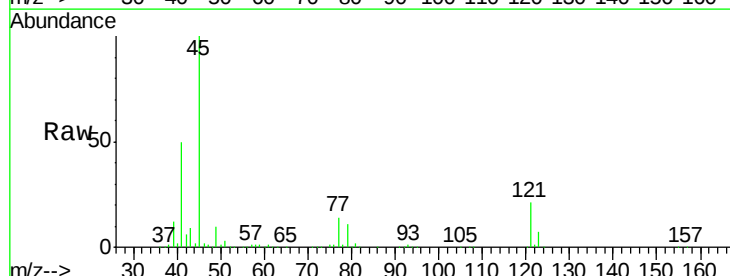
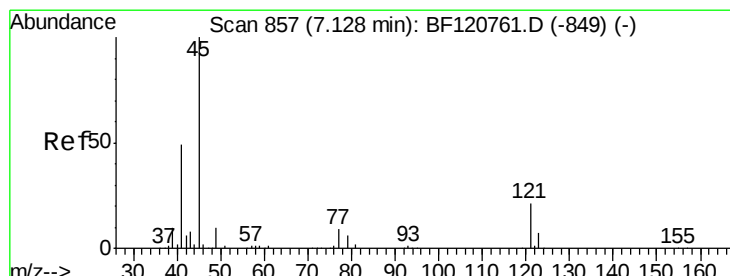
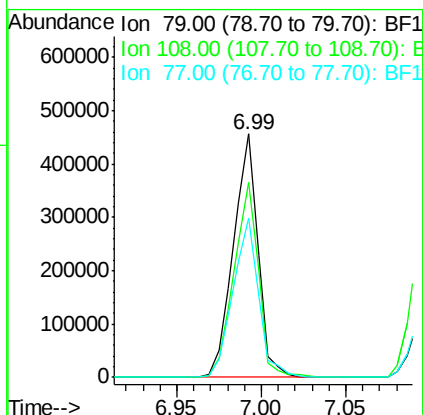




#15
Benzyl Alcohol
Concen: 47.615 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.01 min
Lab File: BF120796.D
Acq: 7 Jul 2020 19:23

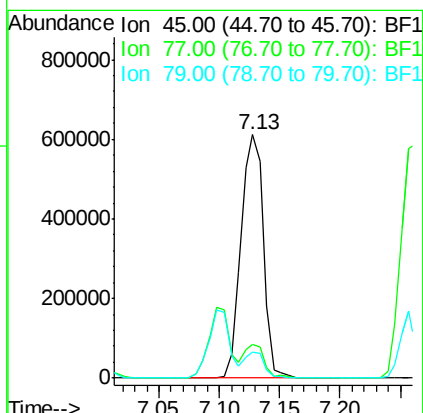
Tot Ion	Ratio	Lower	Upper
79	100		
108	79.8	62.4	93.6
77	65.4	52.7	79.1

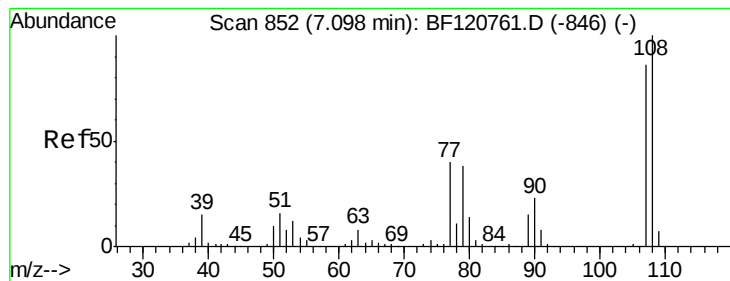
Instrument :
BNA_F
ClientSampleId :
RO-COMPMSD



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.214 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF120796.D
Acq: 7 Jul 2020 19:23

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.8	0.0	33.7
79	10.6	0.0	30.5

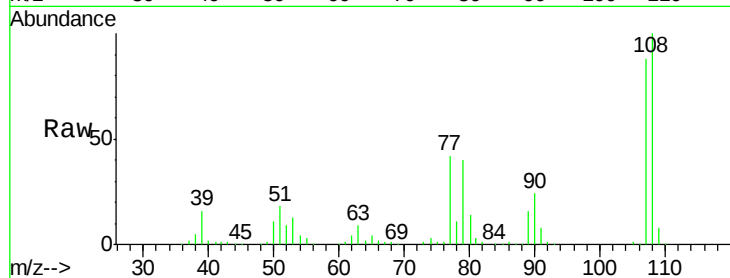




#17
2-Methylphenol
Concen: 44.079 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF120796.D
Acq: 7 Jul 2020 19:23

Instrument :
BNA_F
ClientSampleId :
RO-COMPMSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.6	93.1	139.7
77	47.8	37.3	55.9
79	45.5	35.3	52.9



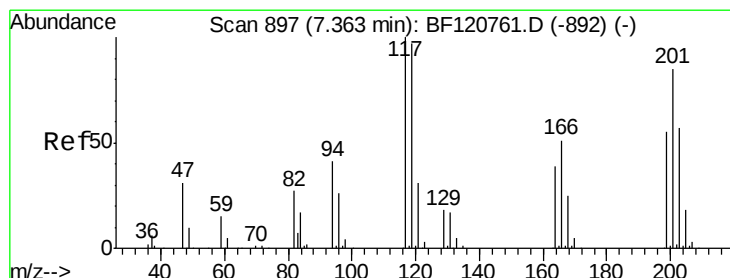
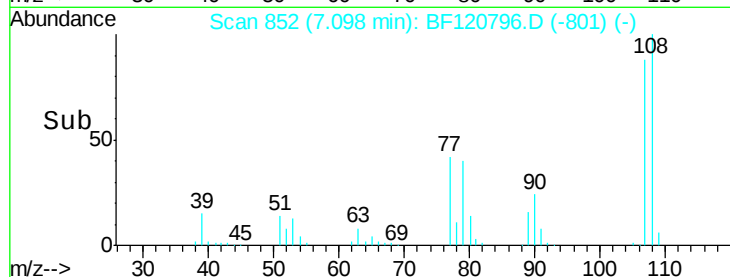
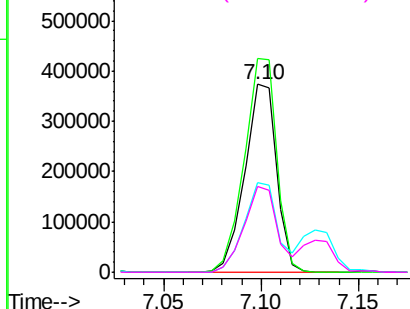
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

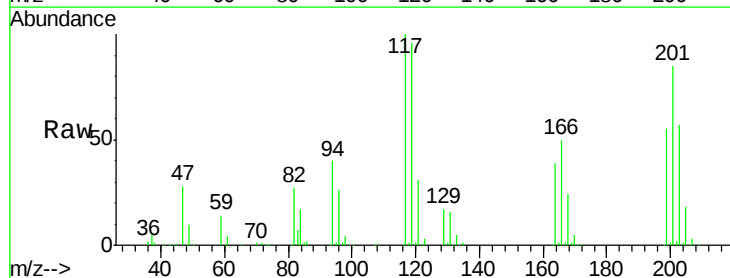
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 47.253 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF120796.D
Acq: 7 Jul 2020 19:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.9	116.9
201	85.3	68.3	102.5

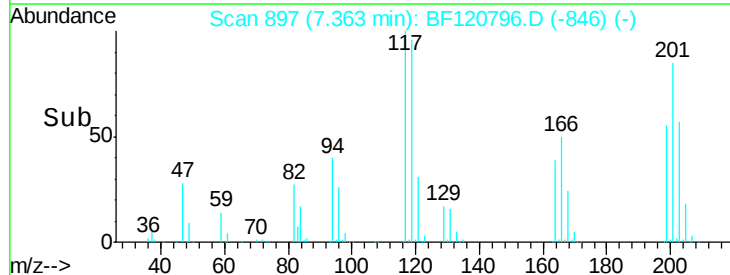
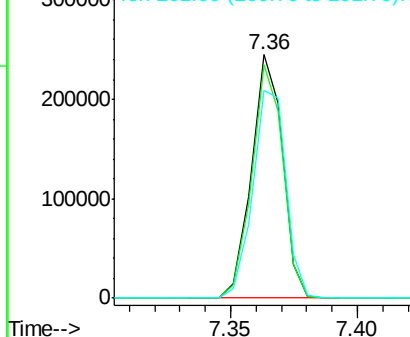


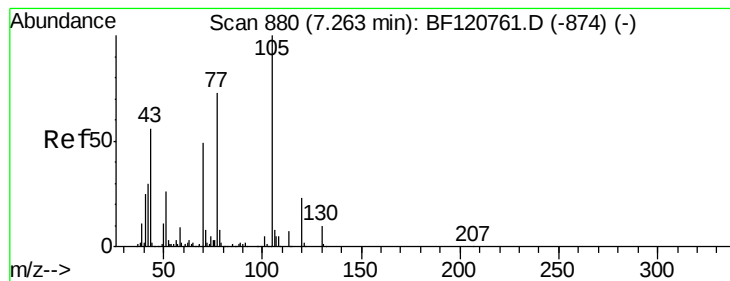
Abundance

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: 49.962 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.01 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Instrument :

BNA_F

ClientSampleId :

RO-COMPMSD

Tot Ion: 70 Resp: 386928

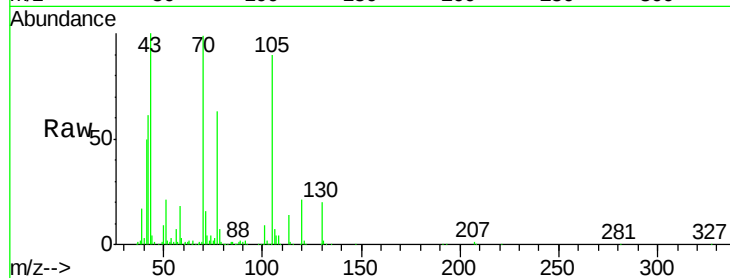
Ion Ratio Lower Upper

70 100

42 61.3 50.3 75.5

101 9.4 7.5 11.3

130 20.6 16.1 24.1

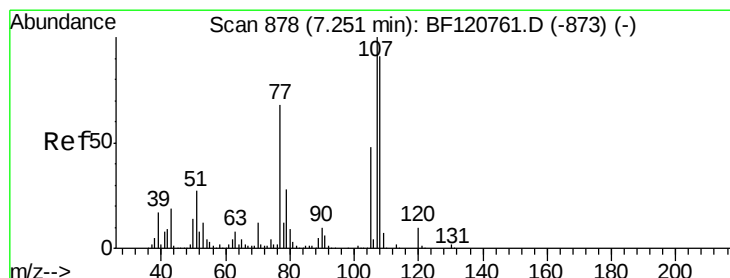
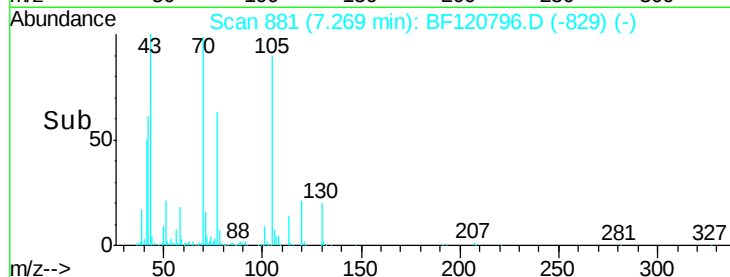
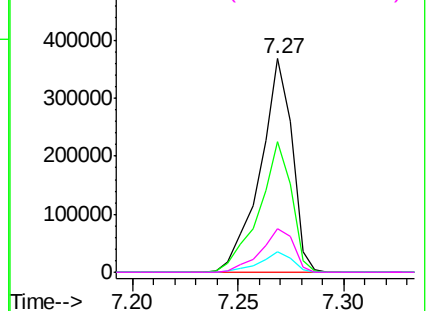


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 41.575 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.01 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Tgt Ion: 107 Resp: 491205

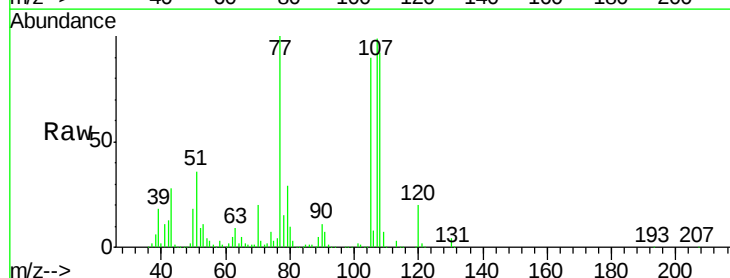
Ion Ratio Lower Upper

107 100

108 92.6 70.9 110.9

77 101.0 48.3 88.3#

79 29.6 7.8 47.8

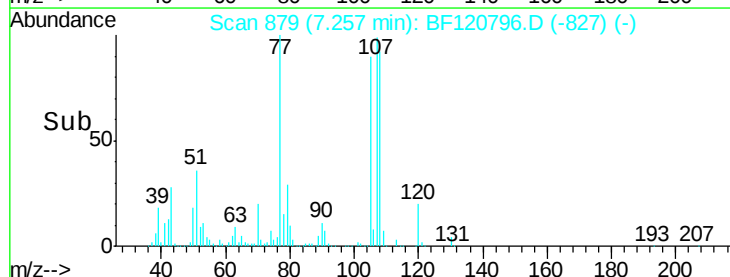
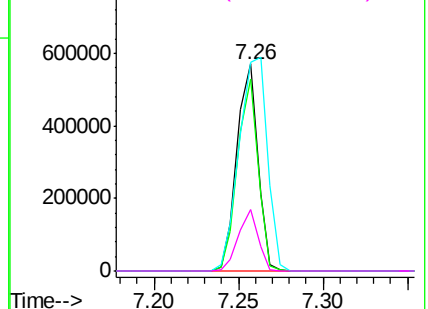


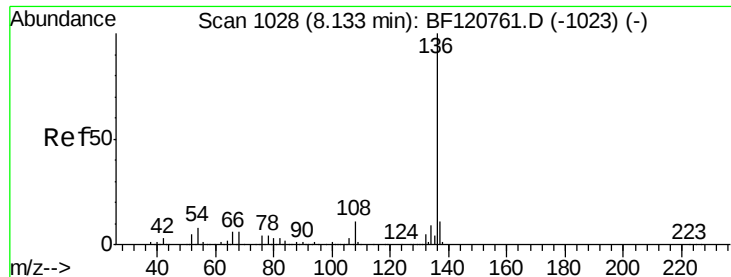
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

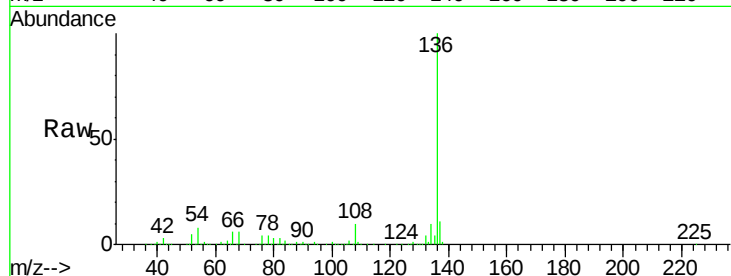




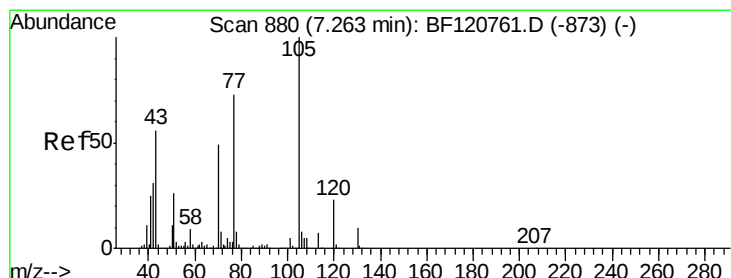
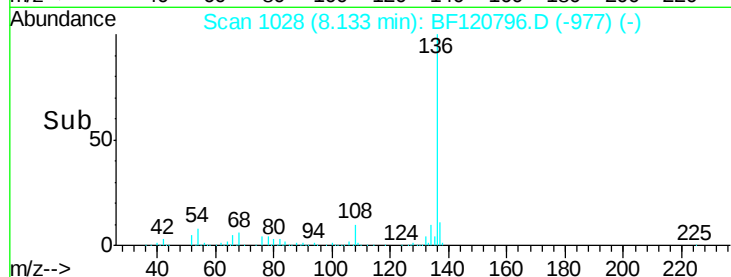
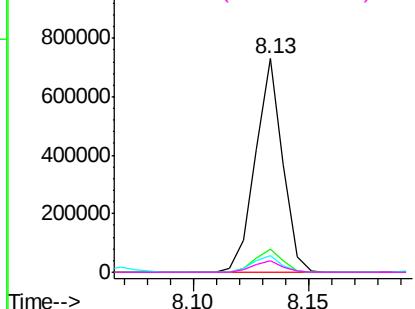
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF120796.D
Acq: 7 Jul 2020 19:23

Instrument :
BNA_F
ClientSampleId :
RO-COMPMSD

Tot Ion:136	Resp:	597793
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.0 13.6
54	7.8	6.2 9.4
68	5.6	4.7 7.1

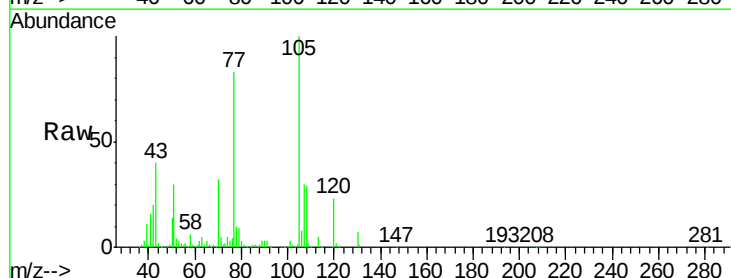


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

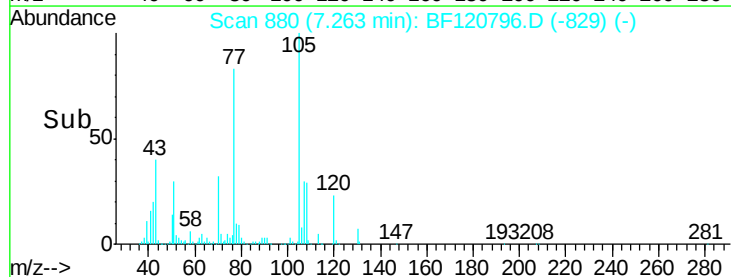
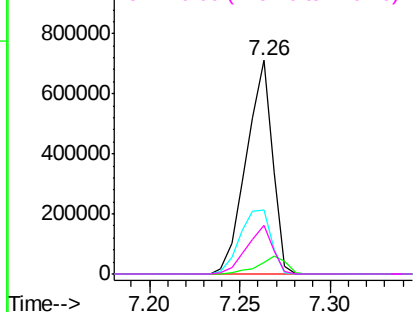


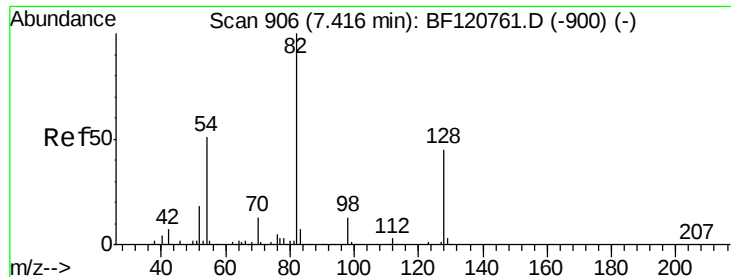
#22
Acetophenone
Concen: 48.023 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF120796.D
Acq: 7 Jul 2020 19:23

Tgt Ion:105	Resp:	713566
Ion	Ratio	Lower Upper
105	100	
71	5.4	6.5 9.7#
51	29.7	21.0 31.4
120	22.9	18.6 28.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

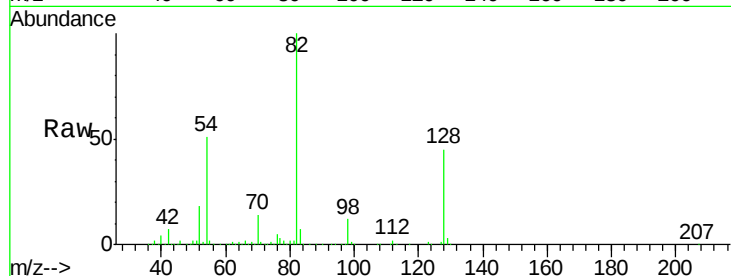




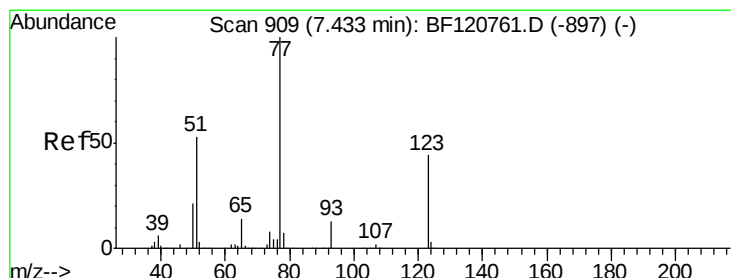
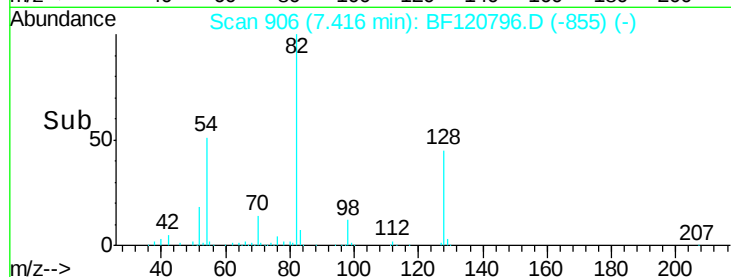
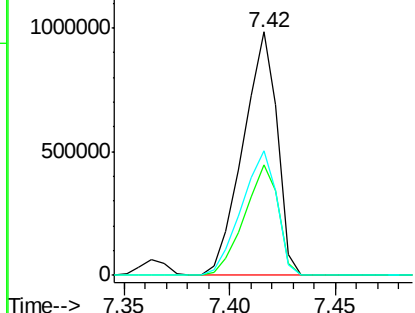
#23
 Nitrobenzene-d5
 Concen: 107.211 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF120796.D
 Acq: 7 Jul 2020 19:23

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMSD

Tot Ion: 82 Resp: 1106186
 Ion Ratio Lower Upper
 82 100
 128 45.3 35.7 53.5
 54 51.0 40.9 61.3

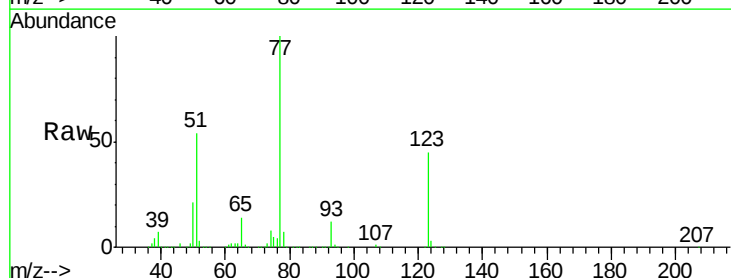


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

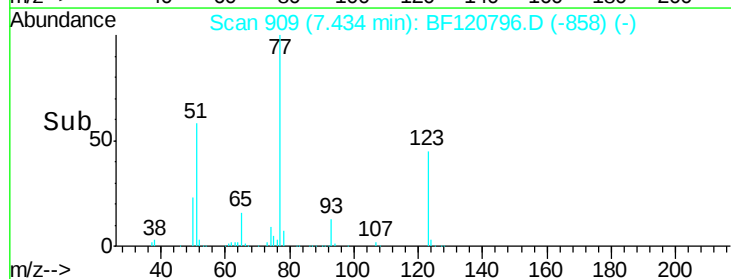
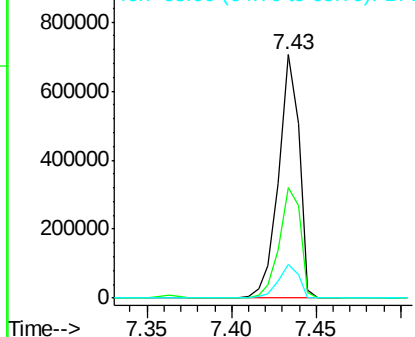


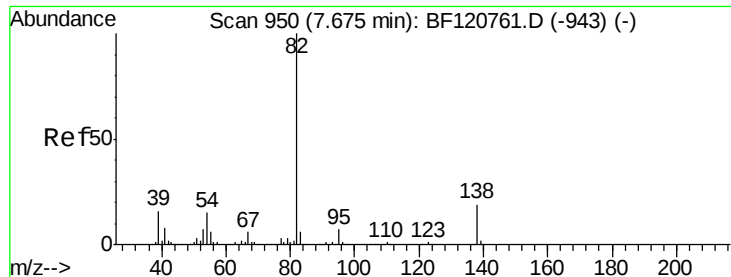
#24
 Nitrobenzene
 Concen: 51.754 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF120796.D
 Acq: 7 Jul 2020 19:23

Tgt Ion: 77 Resp: 599566
 Ion Ratio Lower Upper
 77 100
 123 45.3 36.1 54.1
 65 14.0 11.0 16.4



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





#25

Isophorone

Concen: 48.157 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Instrument :

BNA_F

ClientSampleId :

RO-COMPMSD

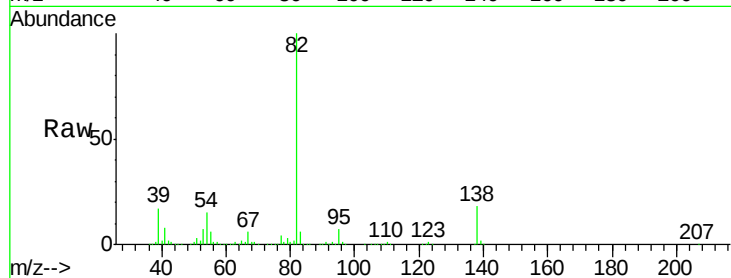
Tot Ion: 82 Resp: 1071562

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

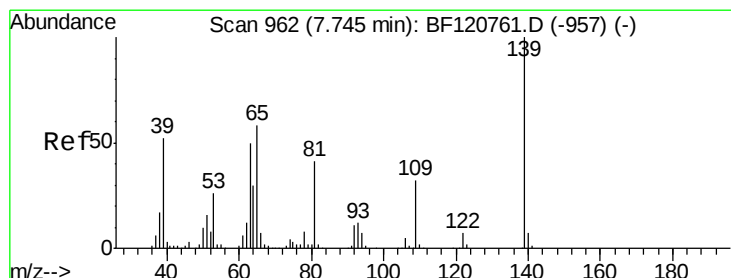
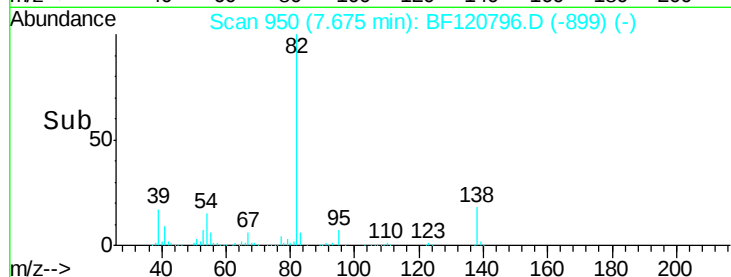
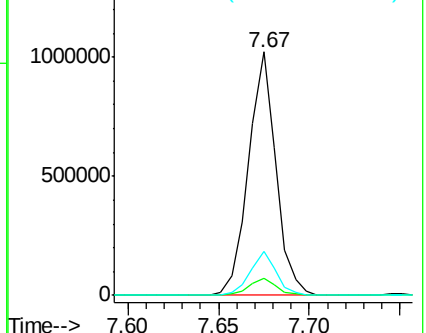
138 18.2 15.0 22.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 54.032 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.01 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

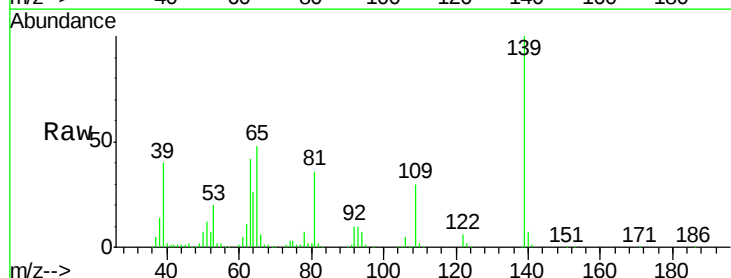
Tgt Ion: 139 Resp: 265799

Ion Ratio Lower Upper

139 100

109 30.1 25.3 37.9

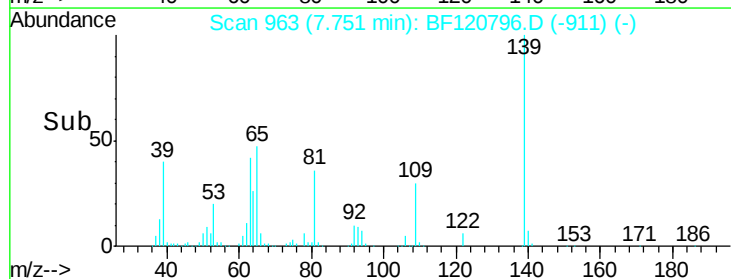
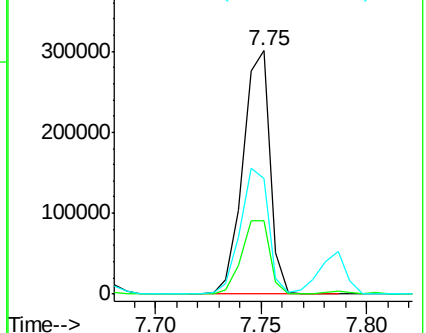
65 47.6 46.2 69.2

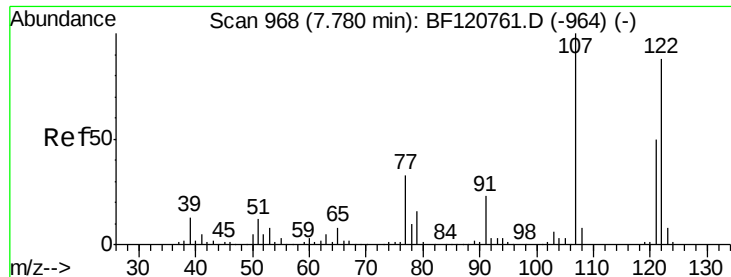


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

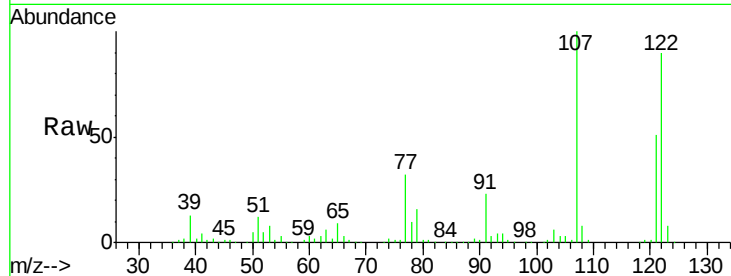




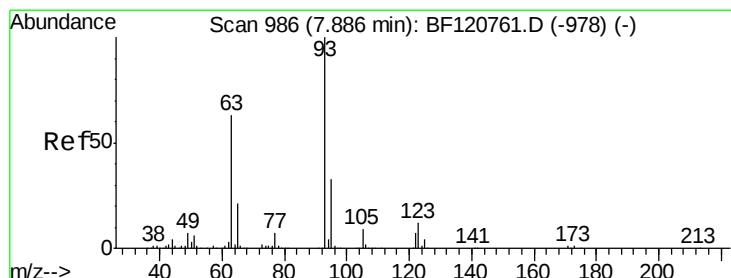
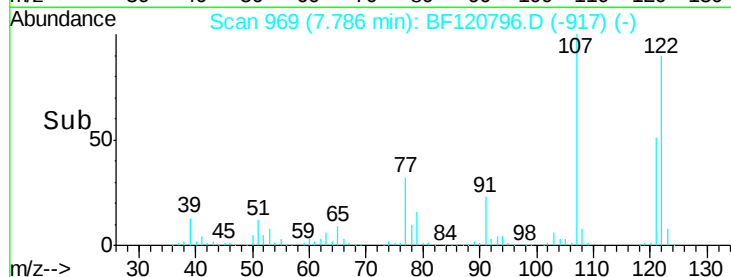
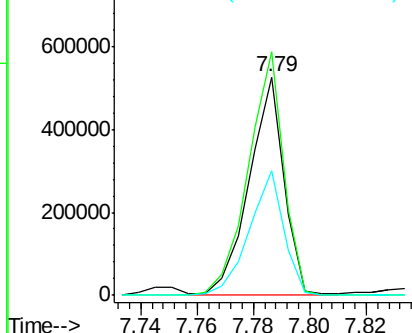
#27
 2,4-Dimethylphenol
 Concen: 50.810 ng
 RT: 7.79 min Scan# 969
 Delta R.T. 0.01 min
 Lab File: BF120796.D
 Acq: 7 Jul 2020 19:23

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMSD

Tot Ion:122 Resp: 451323
 Ion Ratio Lower Upper
 122 100
 107 111.6 90.7 136.1
 121 57.1 45.4 68.0

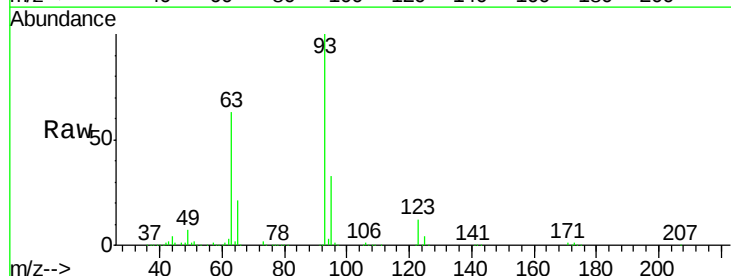


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

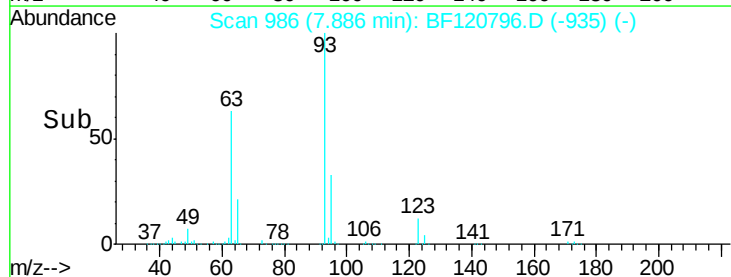
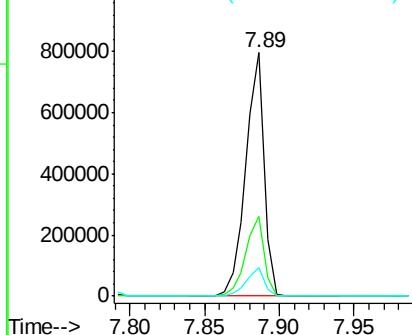


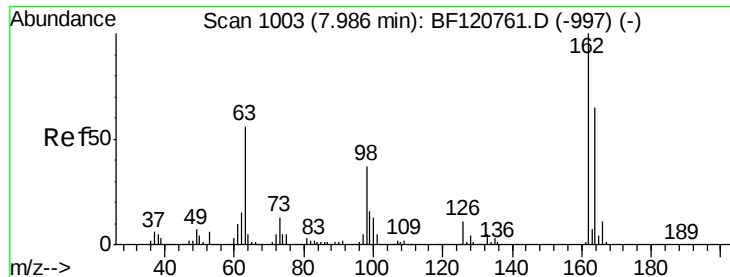
#28
 bis(2-Chloroethoxy)methane
 Concen: 51.434 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BF120796.D
 Acq: 7 Jul 2020 19:23

Tgt Ion: 93 Resp: 677353
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.4 39.6
 123 11.7 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

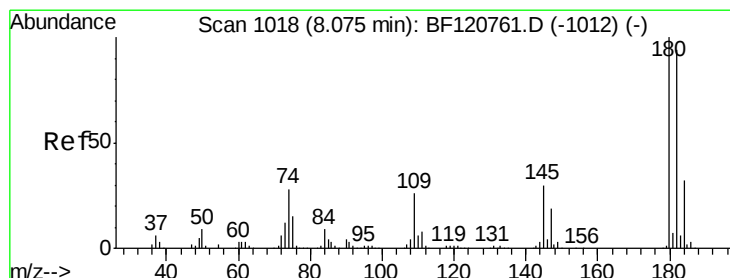
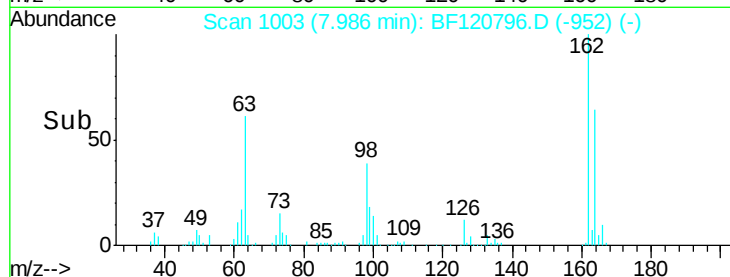
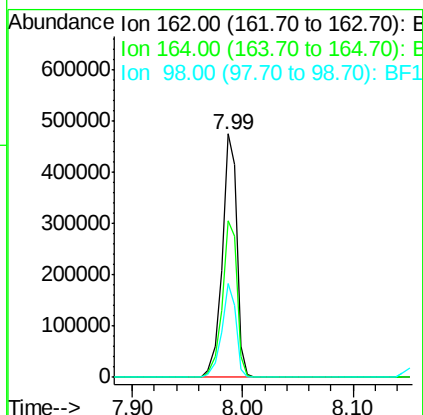
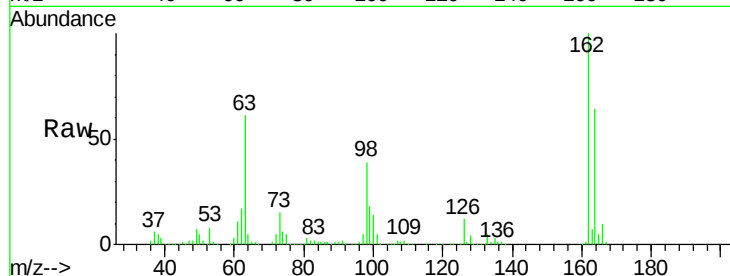




#29
2,4-Dichlorophenol
Concen: 49.787 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF120796.D
Acq: 7 Jul 2020 19:23

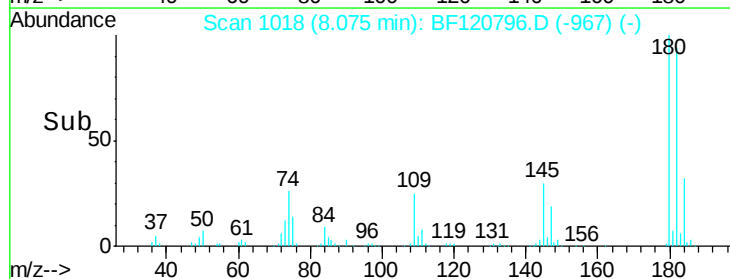
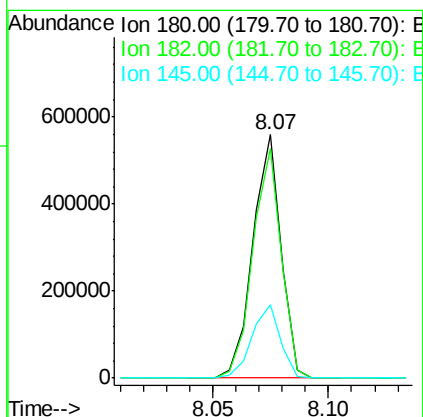
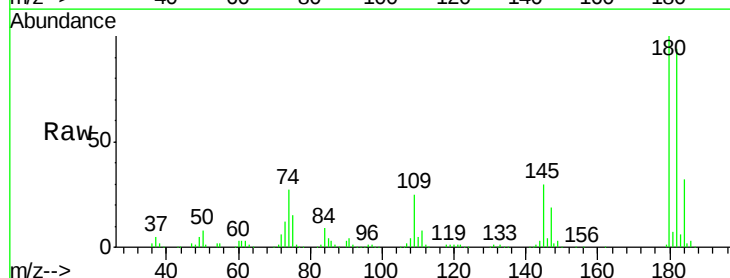
Instrument :
BNA_F
ClientSampleId :
RO-COMPMSD

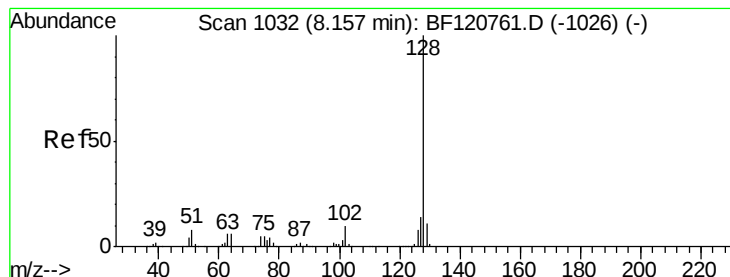
Tot Ion:162 Resp: 441485
Ion Ratio Lower Upper
162 100
164 64.2 45.2 85.2
98 38.8 17.0 57.0



#30
1,2,4-Trichlorobenzene
Concen: 47.797 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF120796.D
Acq: 7 Jul 2020 19:23

Tgt Ion:180 Resp: 476047
Ion Ratio Lower Upper
180 100
182 94.1 75.5 113.3
145 30.1 24.1 36.1





#31

Naphthalene

Concen: 47.687 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Instrument :

BNA_F

ClientSampleId :

RO-COMPMSD

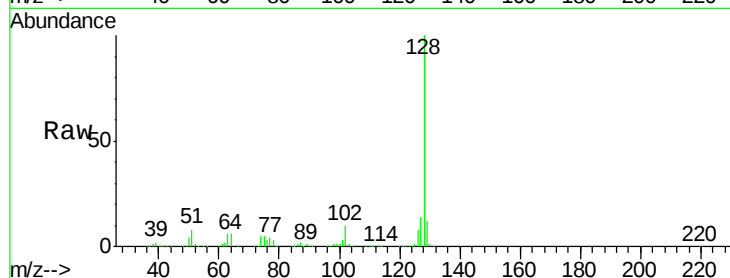
Tot Ion:128 Resp: 1523481

Ion Ratio Lower Upper

128 100

129 11.7 9.2 13.8

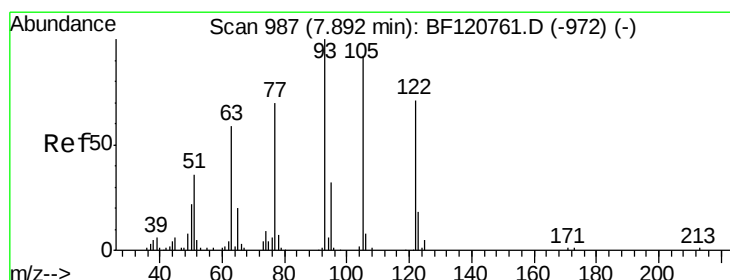
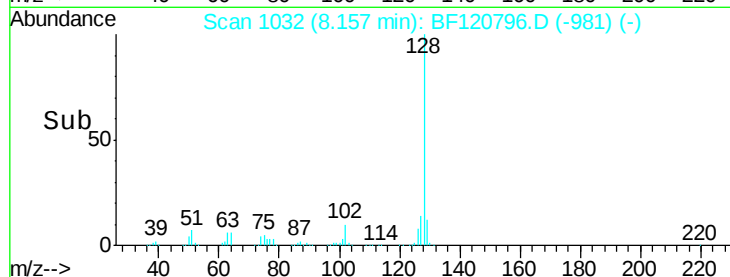
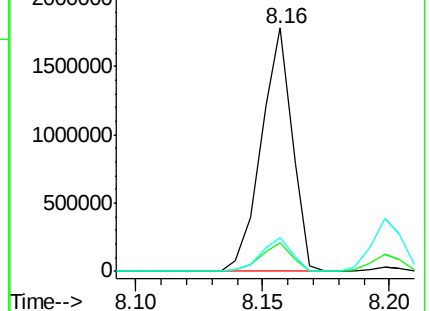
127 14.0 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 10.540 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.04 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

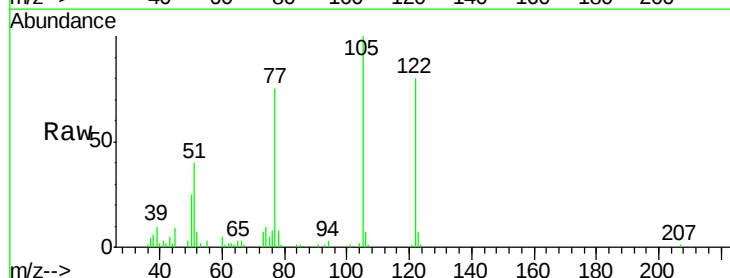
Tgt Ion:122 Resp: 43498

Ion Ratio Lower Upper

122 100

105 124.5 105.8 145.8

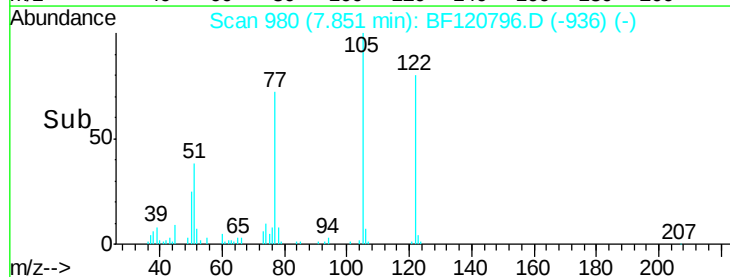
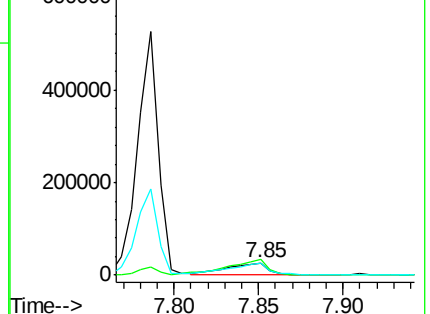
77 93.5 77.3 117.3

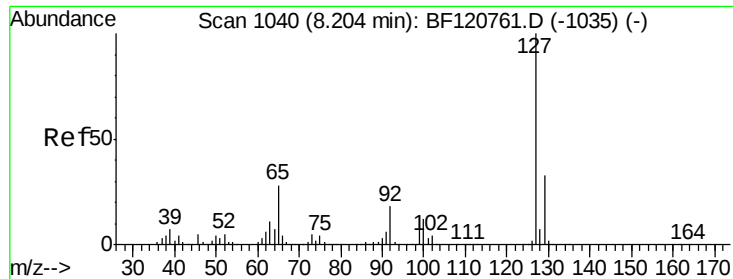


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

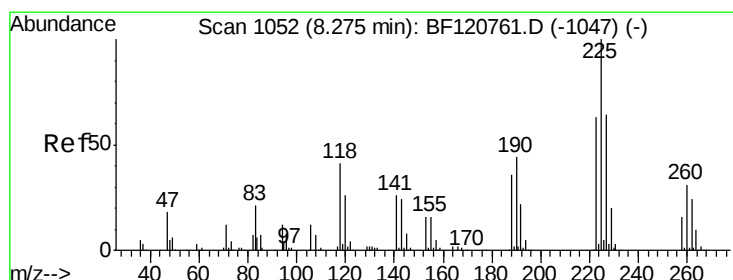
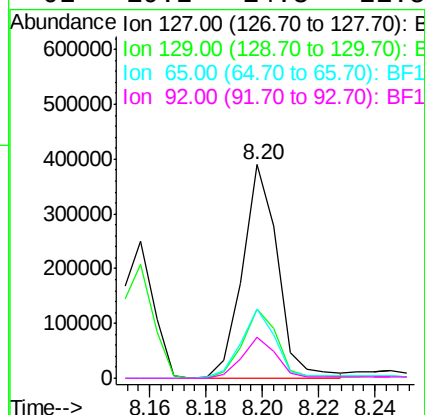
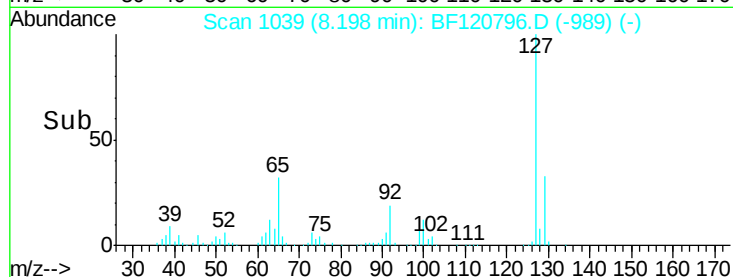
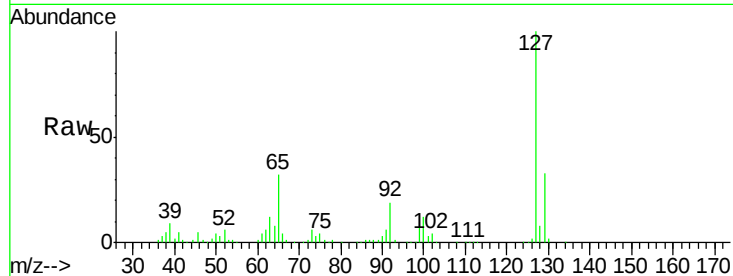




#33
4-Chloroaniline
Concen: 24.949 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF120796.D
Acq: 7 Jul 2020 19:23

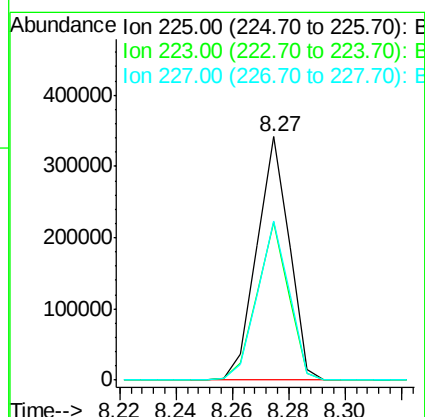
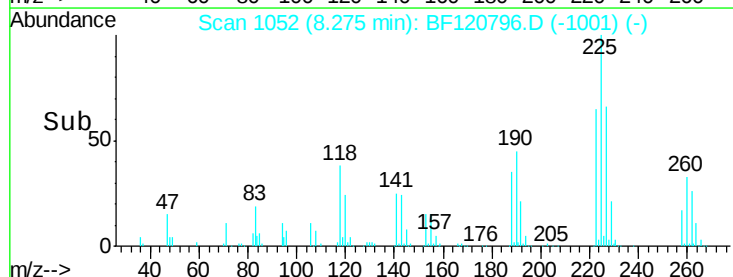
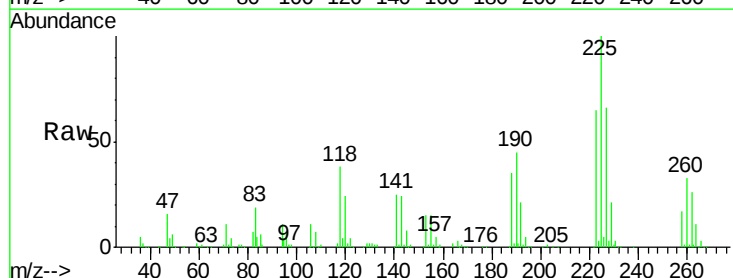
Instrument :
BNA_F
ClientSampleId :
RO-COMPMSD

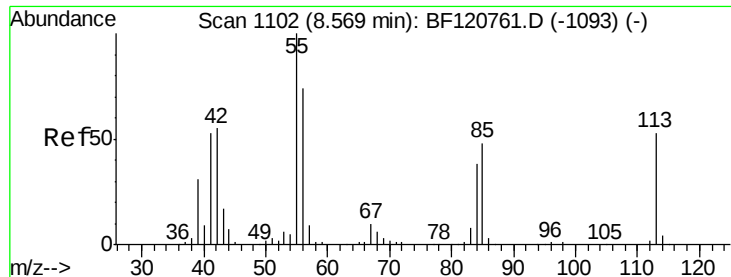
Tot Ion:	127	Resp:	338230
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	39.8
65	32.4	22.7	34.1
92	19.2	14.3	21.5



#34
Hexachlorobutadiene
Concen: 45.454 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF120796.D
Acq: 7 Jul 2020 19:23

Tgt Ion:	225	Resp:	272273
Ion	Ratio	Lower	Upper
225	100		
223	65.1	50.6	76.0
227	65.5	51.4	77.2

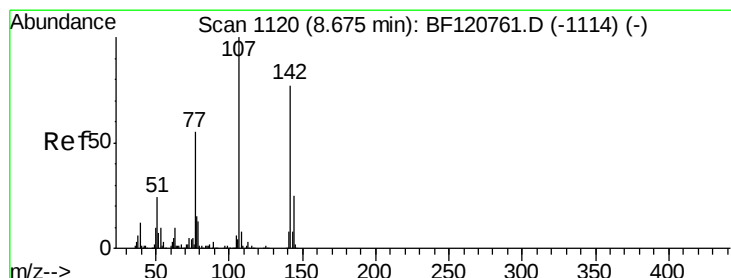
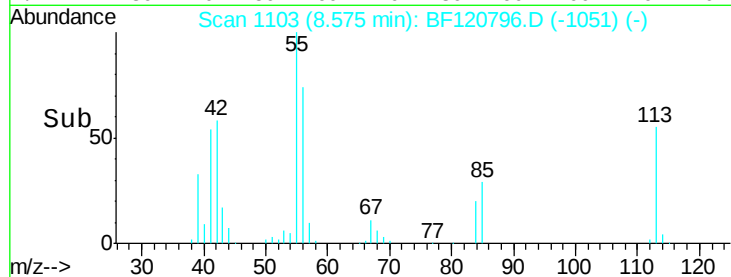
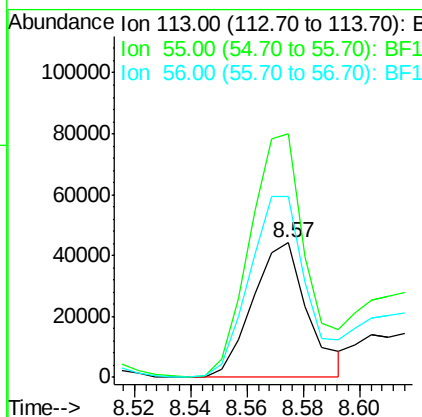
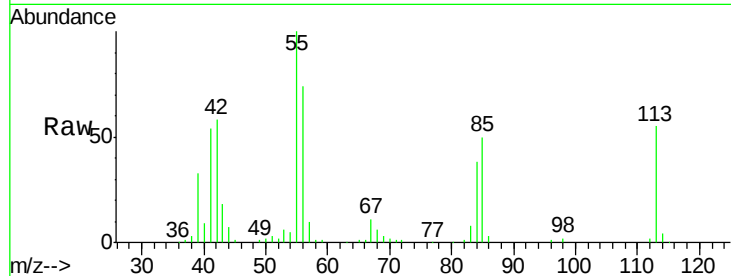




#35
 Caprolactam
 Concen: 23.027 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BF120796.D
 Acq: 7 Jul 2020 19:23

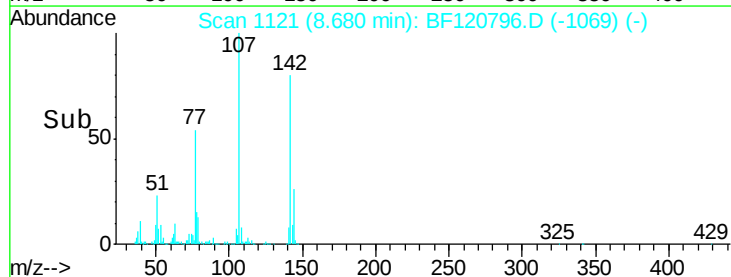
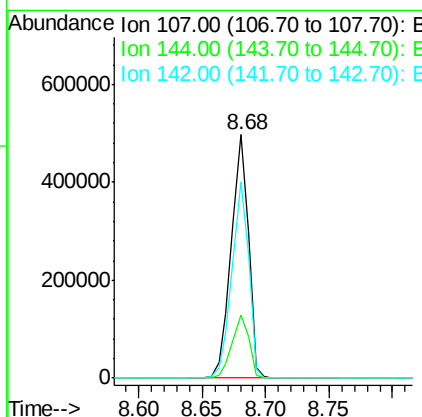
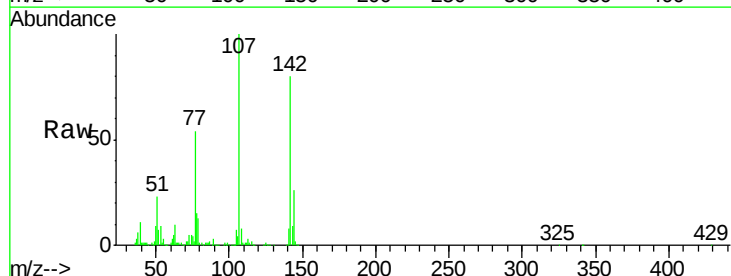
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMSD

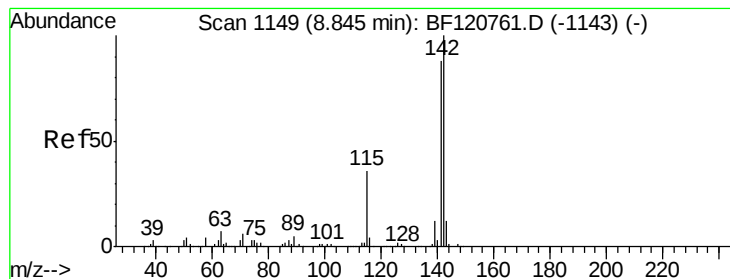
Tot Ion:113 Resp: 59497
 Ion Ratio Lower Upper
 113 100
 55 181.0 168.3 208.3
 56 134.3 118.8 158.8



#36
 4-Chloro-3-methylphenol
 Concen: 50.305 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. 0.01 min
 Lab File: BF120796.D
 Acq: 7 Jul 2020 19:23

Tgt Ion:107 Resp: 464018
 Ion Ratio Lower Upper
 107 100
 144 26.1 19.7 29.5
 142 80.5 61.2 91.8





#37

2-Methylnaphthalene

Concen: 49.968 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Instrument :

BNA_F

ClientSampleId :

RO-COMPMSD

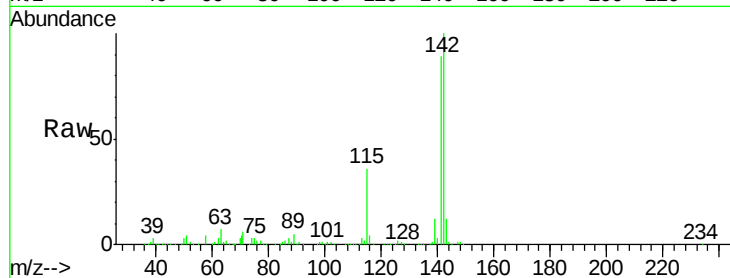
Tot Ion:142 Resp: 1037740

Ion Ratio Lower Upper

142 100

141 88.6 70.2 105.4

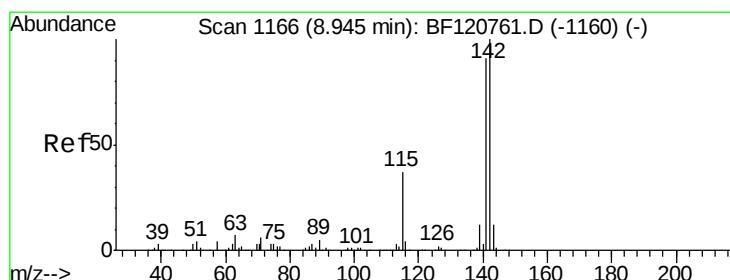
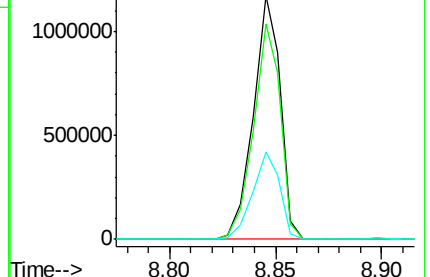
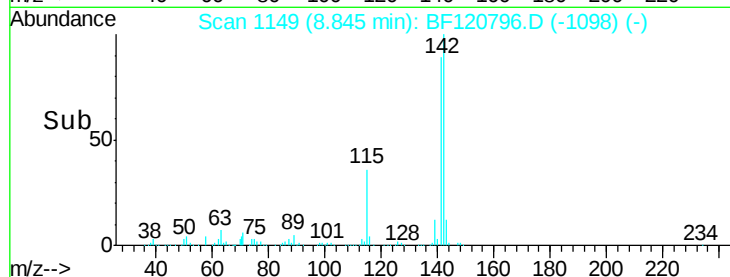
115 36.0 29.0 43.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 50.154 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

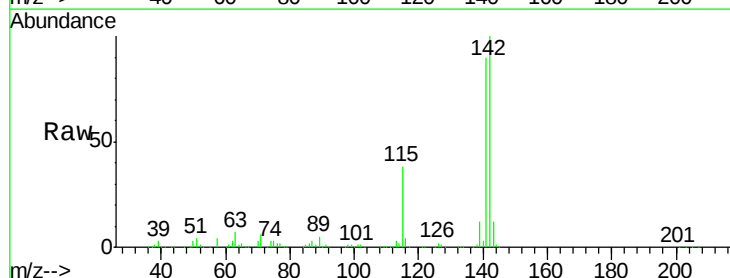
Tgt Ion:142 Resp: 975664

Ion Ratio Lower Upper

142 100

141 90.4 72.5 108.7

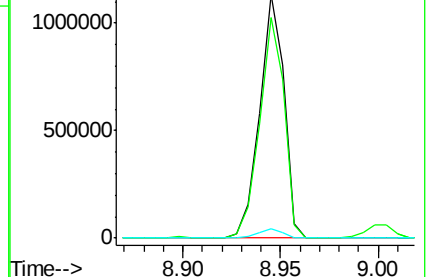
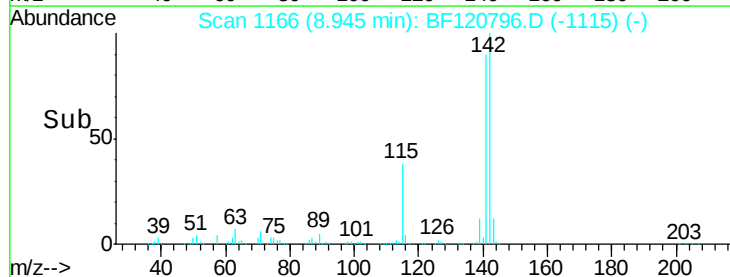
116 4.1 3.1 4.7

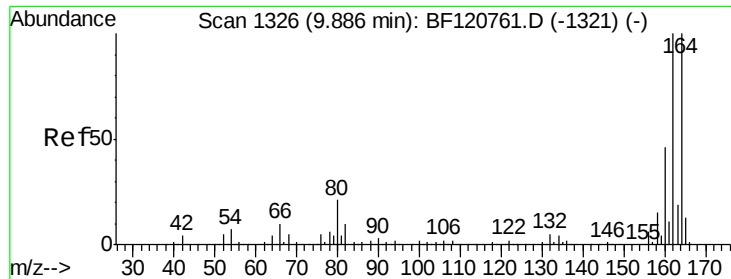


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

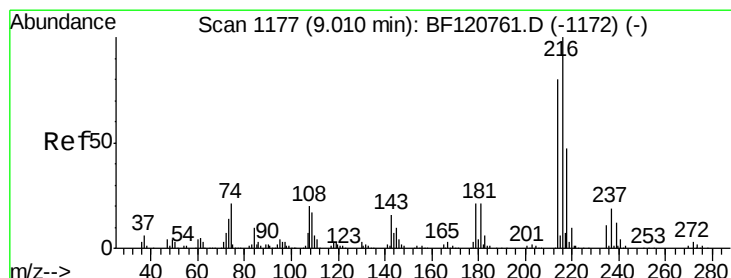
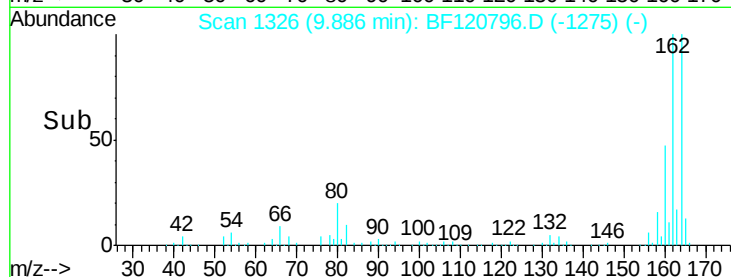
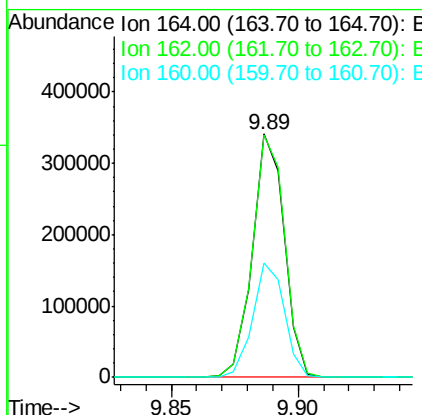
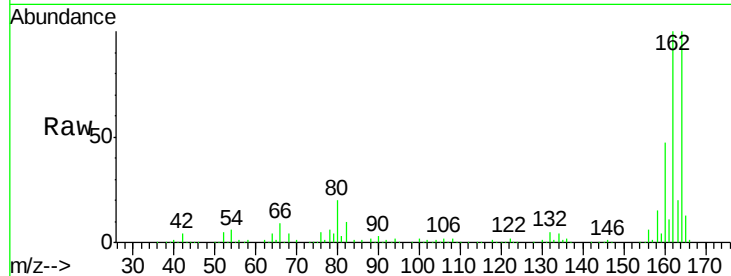




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF120796.D
Acq: 7 Jul 2020 19:23

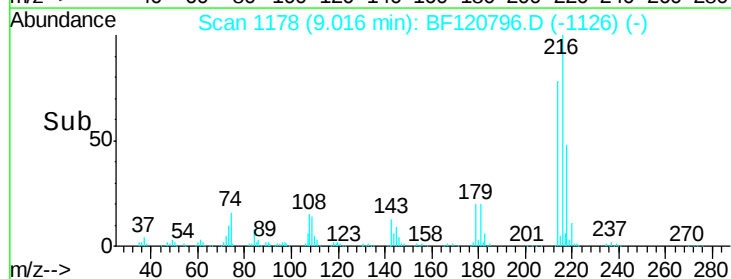
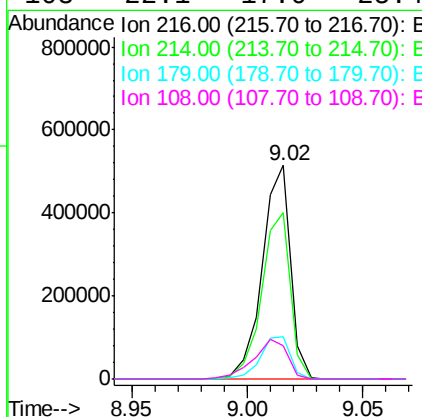
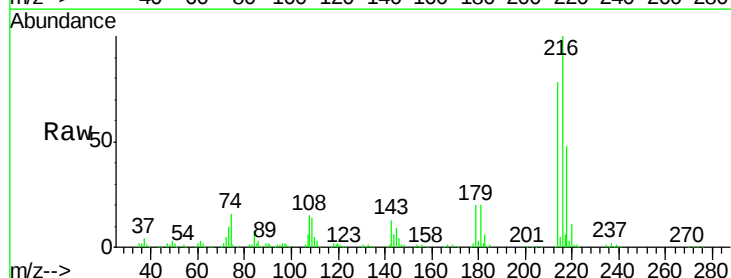
Instrument :
BNA_F
ClientSampleId :
RO-COMPMSD

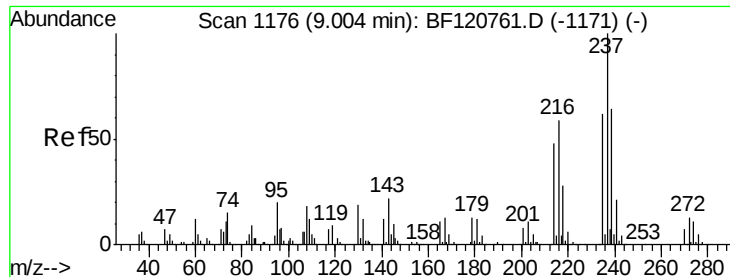
Tot Ion:164 Resp: 298987
Ion Ratio Lower Upper
164 100
162 99.7 80.2 120.2
160 46.8 36.9 55.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.477 ng
RT: 9.02 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BF120796.D
Acq: 7 Jul 2020 19:23

Tgt Ion:216 Resp: 438048
Ion Ratio Lower Upper
216 100
214 79.3 63.7 95.5
179 21.1 16.7 25.1
108 22.1 17.0 25.4

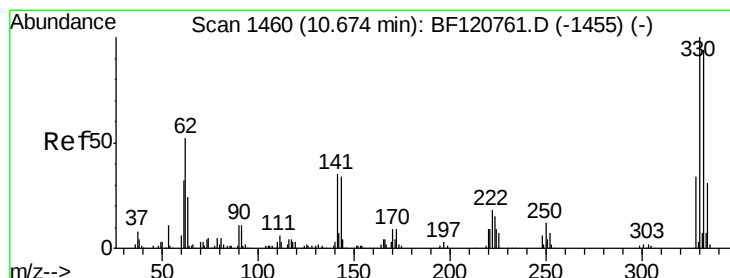
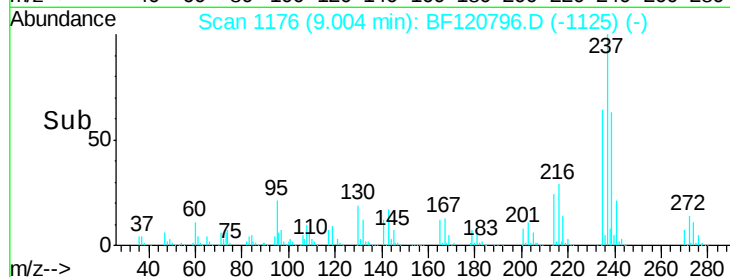
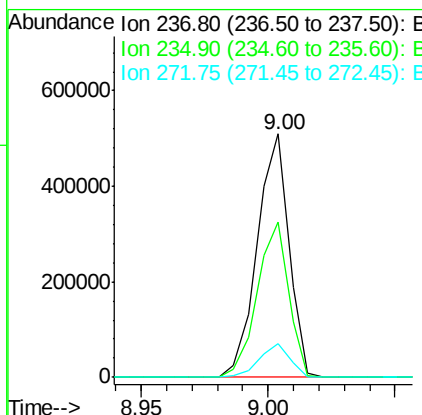
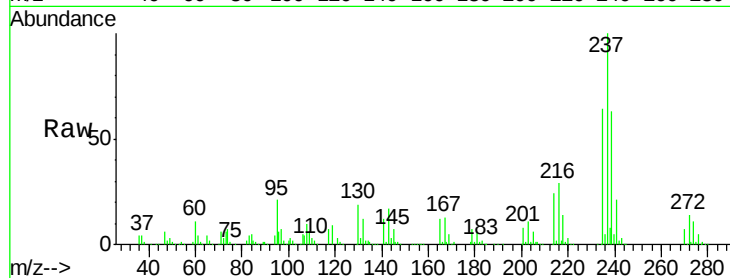




#41
Hexachlorocyclopentadiene
Concen: 83.680 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF120796.D
Acq: 7 Jul 2020 19:23

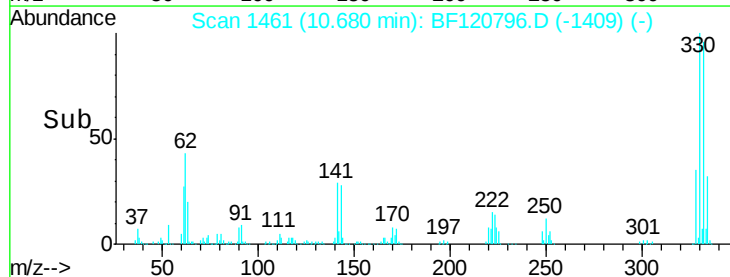
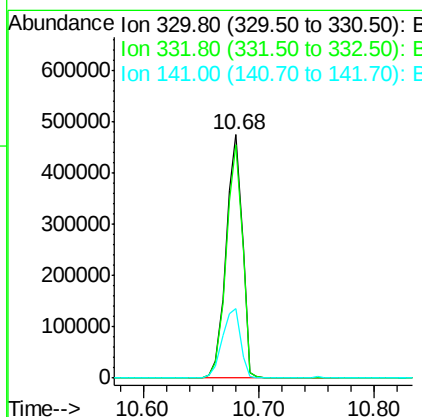
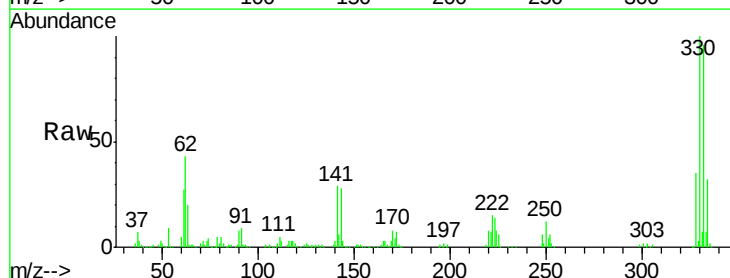
Instrument :
BNA_F
ClientSampleId :
RO-COMPMSD

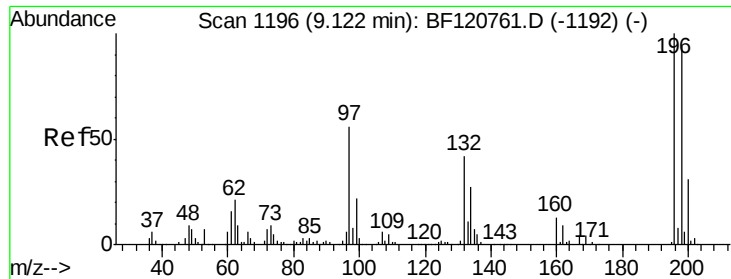
Tot Ion:237 Resp: 446757
Ion Ratio Lower Upper
237 100
235 63.7 42.1 82.1
272 13.9 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 153.207 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.01 min
Lab File: BF120796.D
Acq: 7 Jul 2020 19:23

Tgt Ion:330 Resp: 460198
Ion Ratio Lower Upper
330 100
332 95.9 75.8 113.6
141 32.4 29.7 44.5

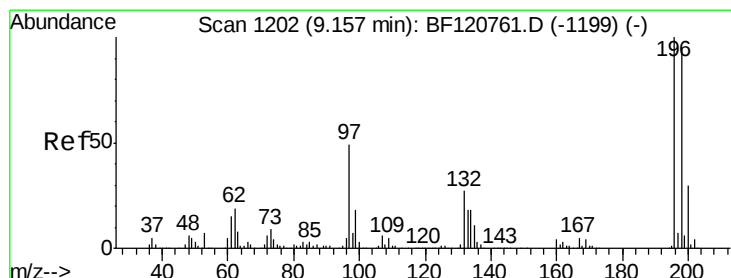
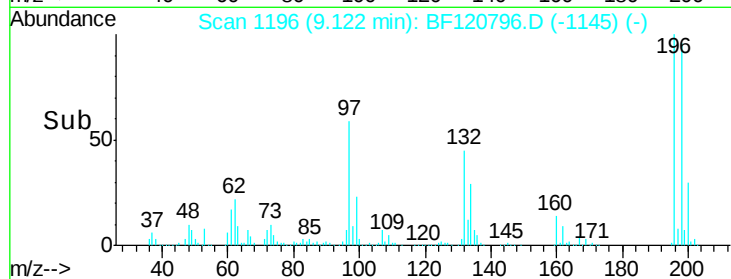
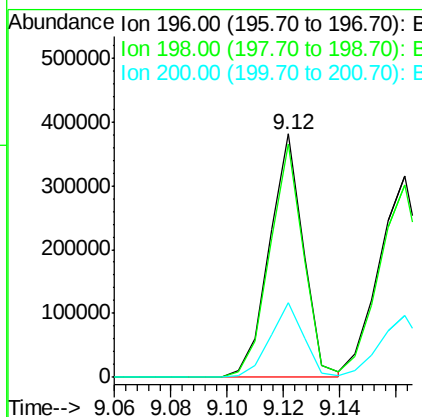
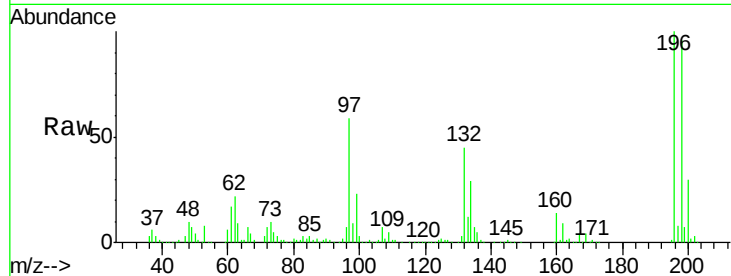




#43
 2,4,6-Trichlorophenol
 Concen: 51.491 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF120796.D
 Acq: 7 Jul 2020 19:23

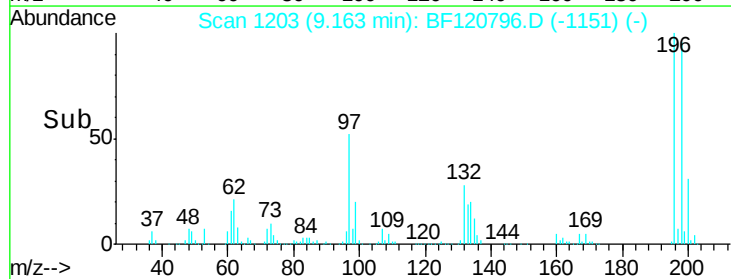
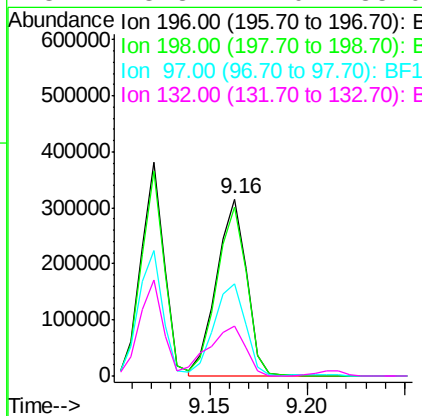
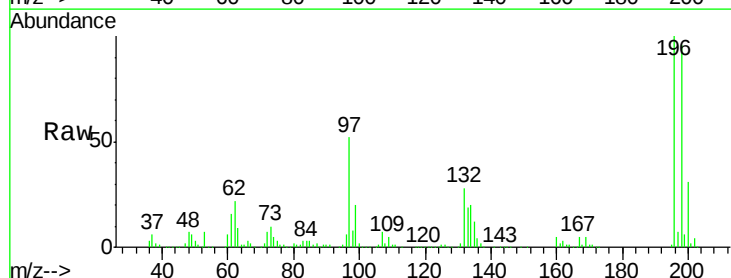
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMSD

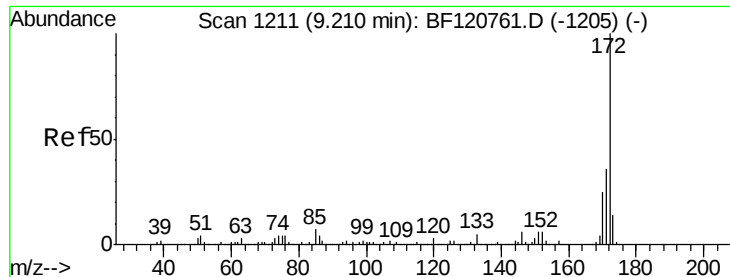
Tot Ion:196 Resp: 317046
 Ion Ratio Lower Upper
 196 100
 198 95.8 75.3 112.9
 200 30.5 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 49.146 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BF120796.D
 Acq: 7 Jul 2020 19:23

Tgt Ion:196 Resp: 335830
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.2 114.2
 97 52.3 39.6 59.4
 132 28.3 22.0 33.0

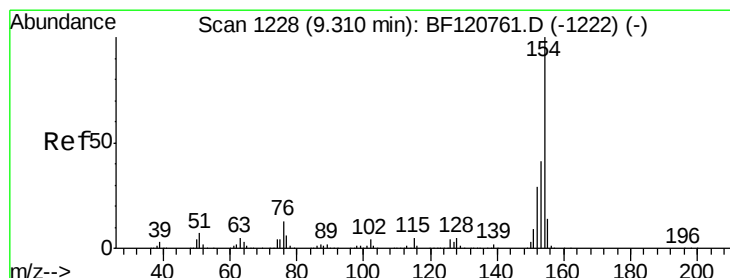
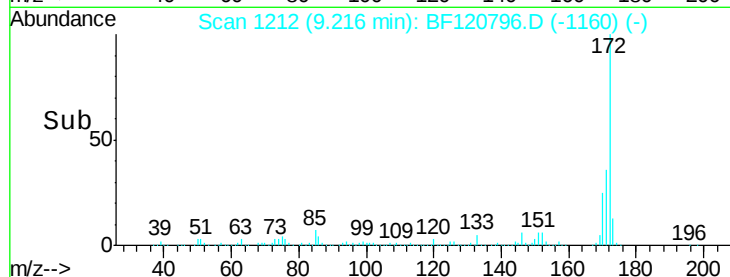
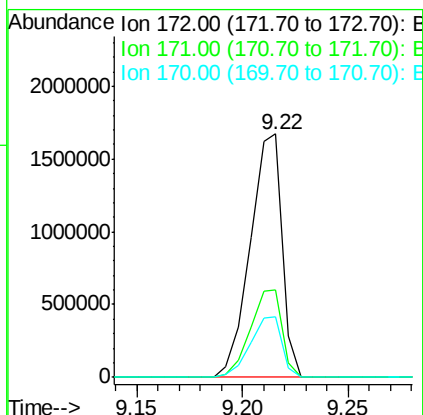
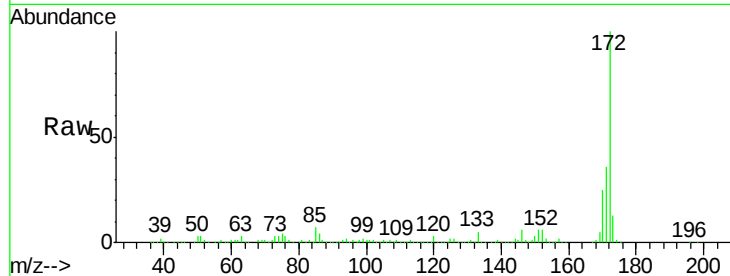




#45
2-Fluorobiphenyl
Concen: 88.762 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BF120796.D
Acq: 7 Jul 2020 19:23

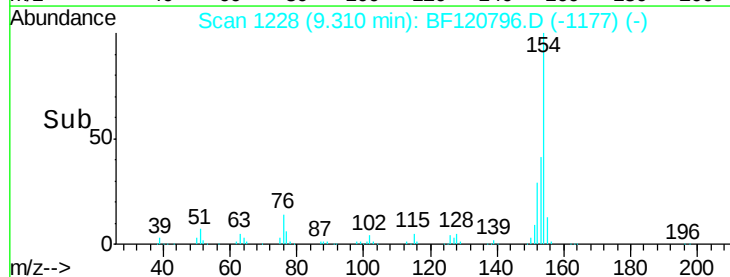
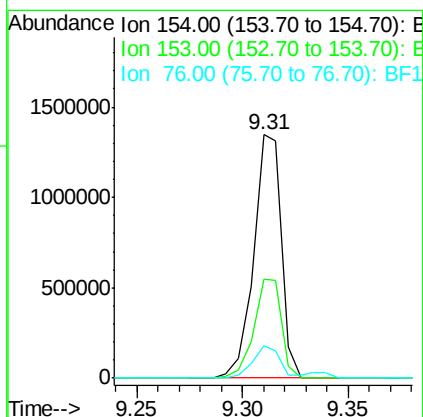
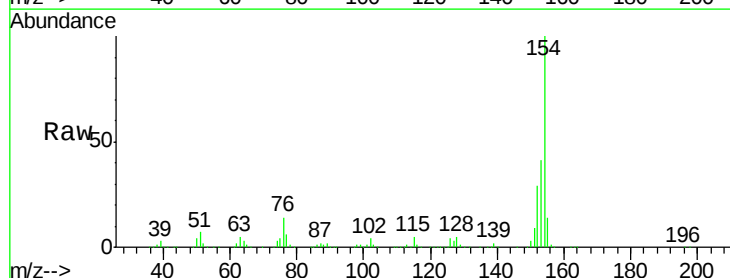
Instrument :
BNA_F
ClientSampleId :
RO-COMPMSD

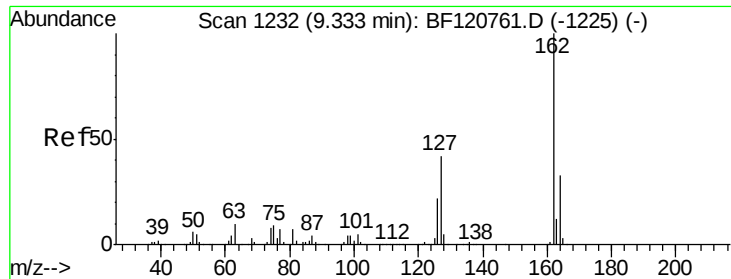
Tot Ion:172 Resp: 1754103
Ion Ratio Lower Upper
172 100
171 36.2 29.1 43.7
170 25.1 19.8 29.6



#46
1,1'-Biphenyl
Concen: 50.944 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF120796.D
Acq: 7 Jul 2020 19:23

Tgt Ion:154 Resp: 1228624
Ion Ratio Lower Upper
154 100
153 40.8 20.7 60.7
76 13.5 0.0 33.3

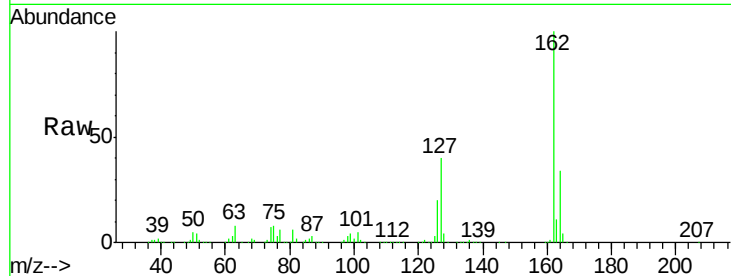




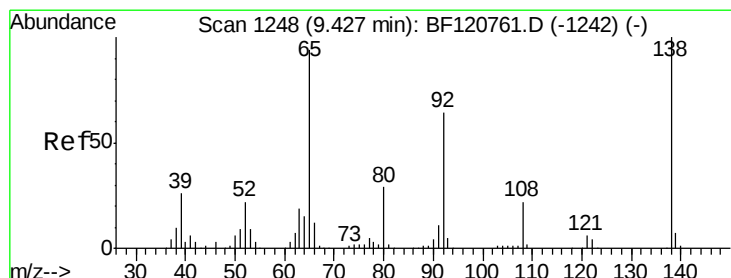
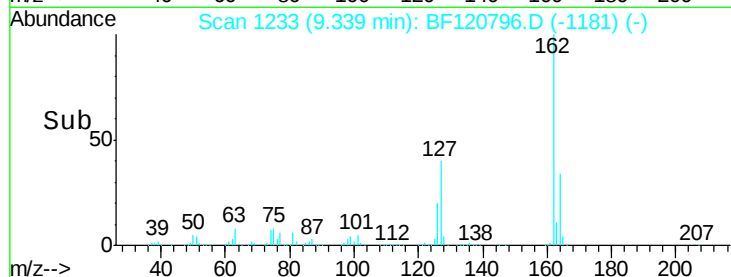
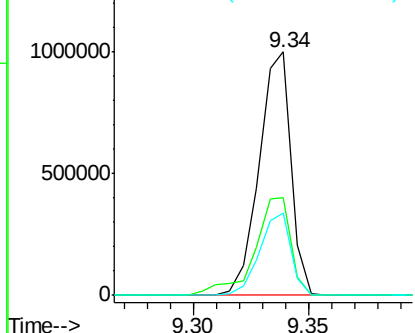
#47
 2-Chloronaphthalene
 Concen: 49.656 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BF120796.D
 Acq: 7 Jul 2020 19:23

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMSD

Tot Ion:162 Resp: 959404
 Ion Ratio Lower Upper
 162 100
 127 40.3 33.7 50.5
 164 33.6 26.4 39.6

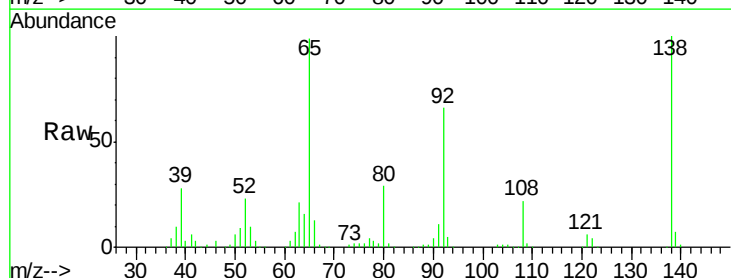


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

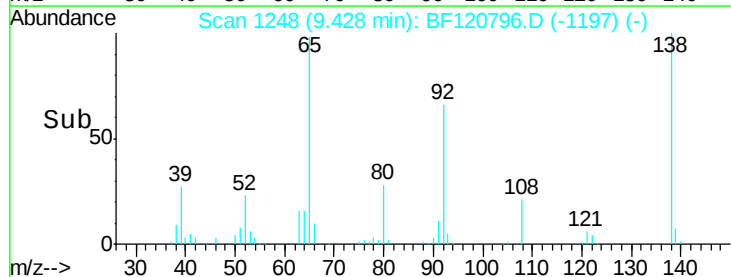
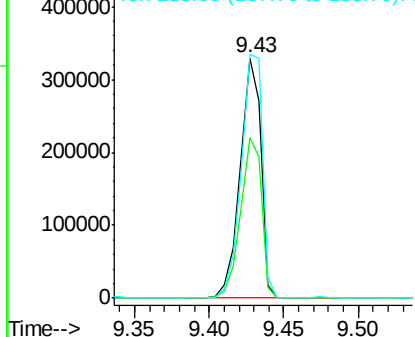


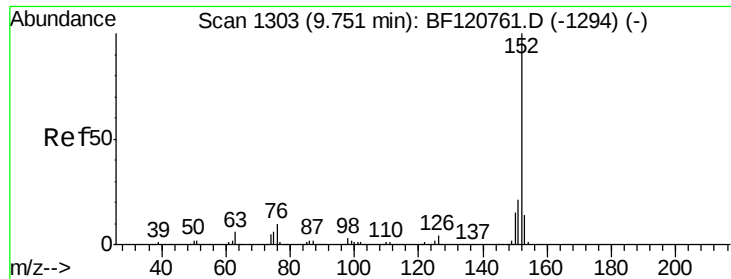
#48
 2-Nitroaniline
 Concen: 54.645 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF120796.D
 Acq: 7 Jul 2020 19:23

Tgt Ion: 65 Resp: 318352
 Ion Ratio Lower Upper
 65 100
 92 66.6 54.4 81.6
 138 101.5 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: 49.257 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Instrument :

BNA_F

ClientSampleId :

RO-COMPMSD

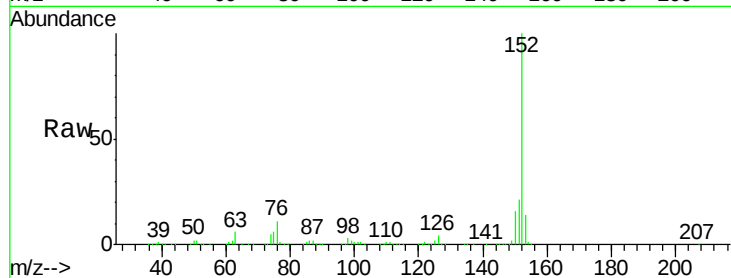
Tot Ion:152 Resp: 1492074

Ion Ratio Lower Upper

152 100

151 21.5 16.9 25.3

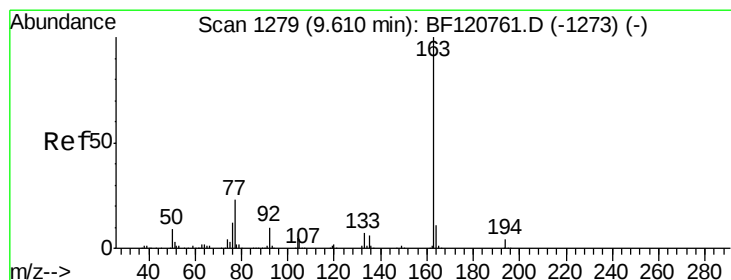
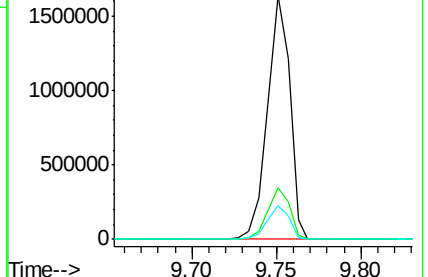
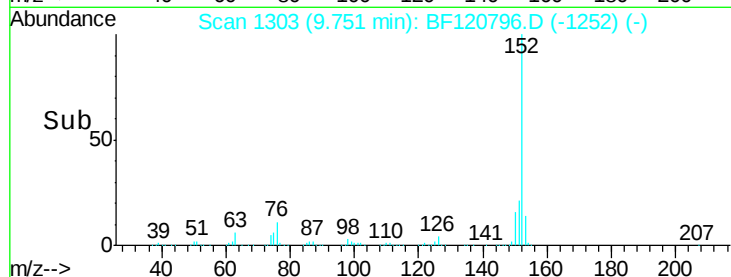
153 14.1 10.8 16.2



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: 57.450 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

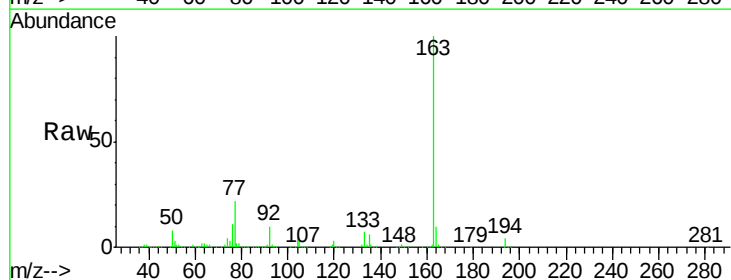
Tgt Ion:163 Resp: 1253006

Ion Ratio Lower Upper

163 100

194 3.9 2.9 4.3

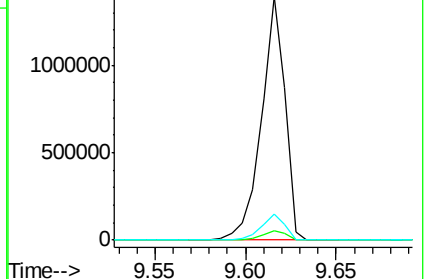
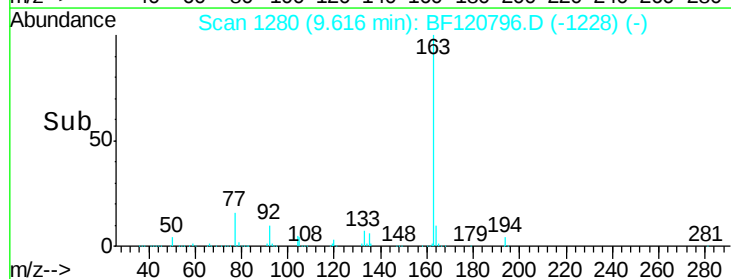
164 10.5 8.5 12.7

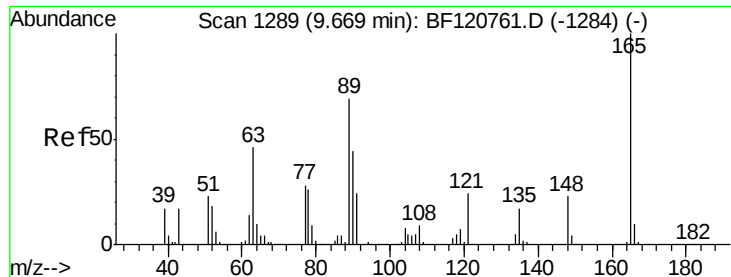


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 54.914 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Instrument :

BNA_F

ClientSampleId :

RO-COMPMSD

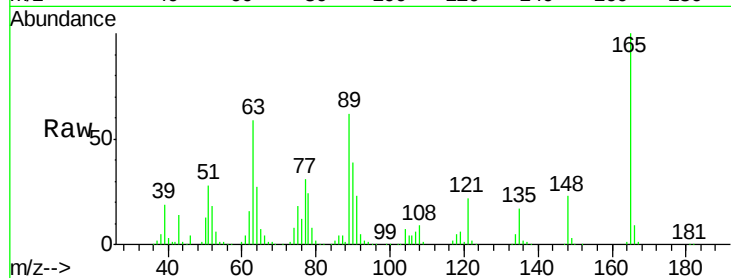
Tot Ion:165 Resp: 239526

Ion Ratio Lower Upper

165 100

63 58.6 54.0 81.0

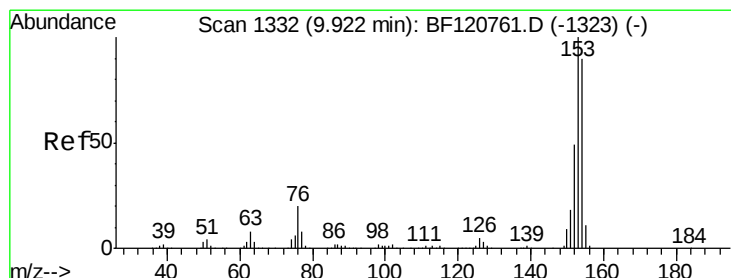
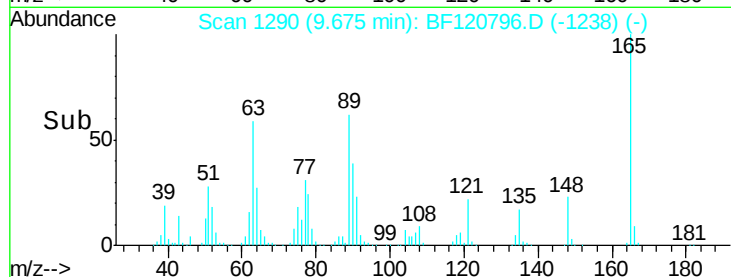
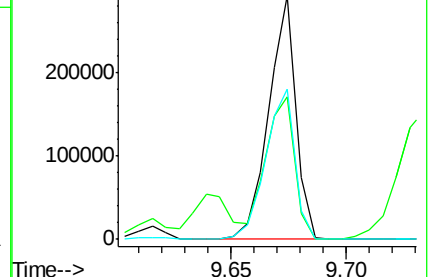
89 61.8 55.4 83.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 49.232 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

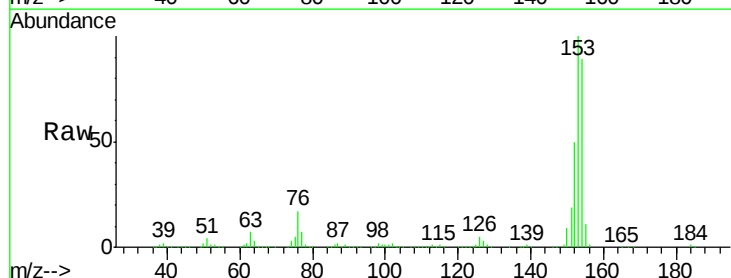
Tgt Ion:154 Resp: 925172

Ion Ratio Lower Upper

154 100

153 112.0 88.6 132.8

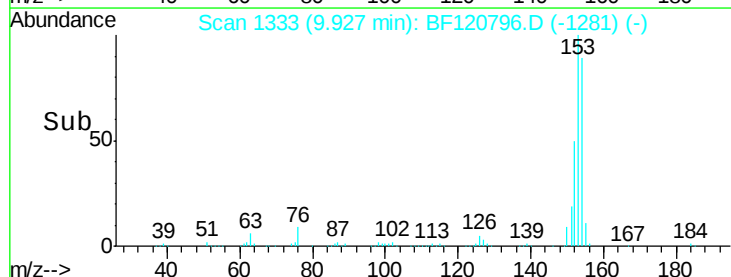
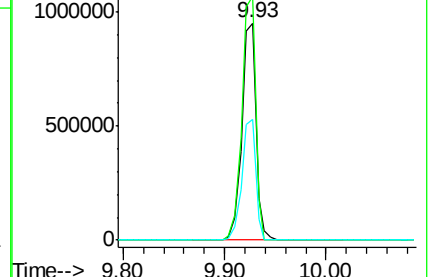
152 55.7 43.6 65.4

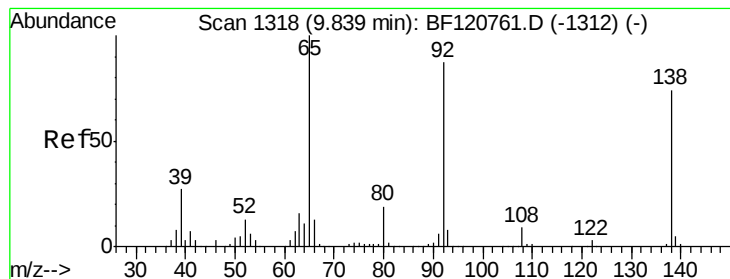


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 37.919 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Instrument :

BNA_F

ClientSampleId :

RO-COMPMSD

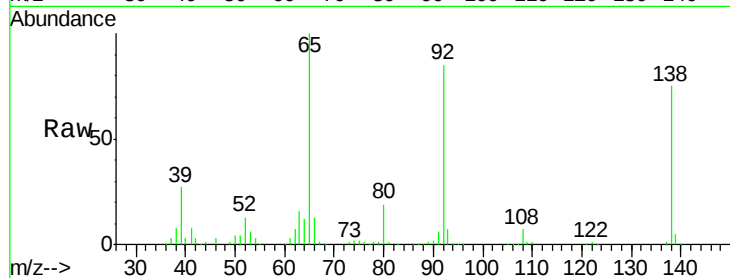
Tot Ion:138 Resp: 199061

Ion Ratio Lower Upper

138 100

108 9.9 9.8 14.6

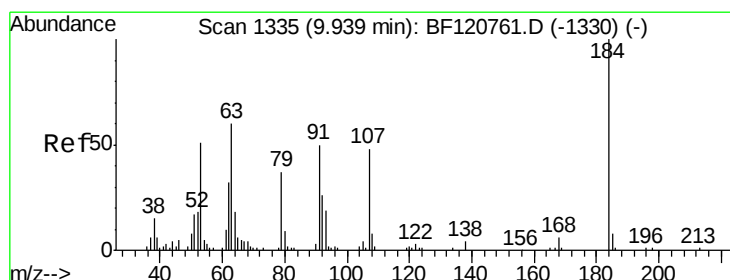
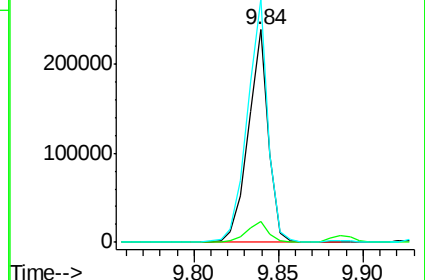
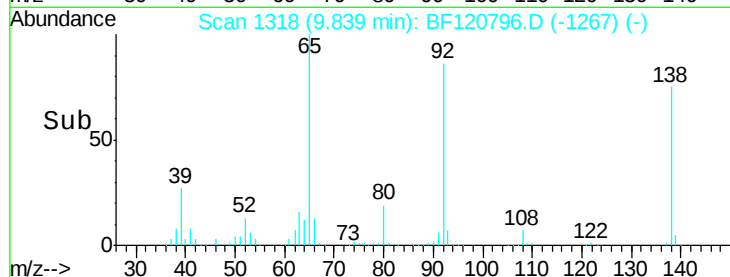
92 114.6 93.4 140.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 31.259 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

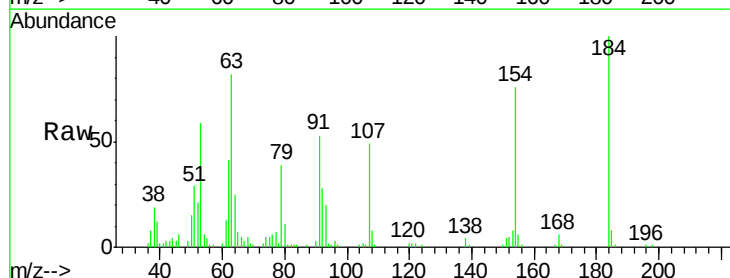
Tgt Ion:184 Resp: 42064

Ion Ratio Lower Upper

184 100

63 82.2 57.3 85.9

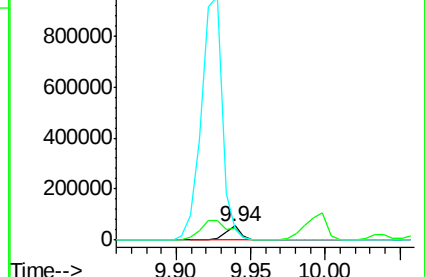
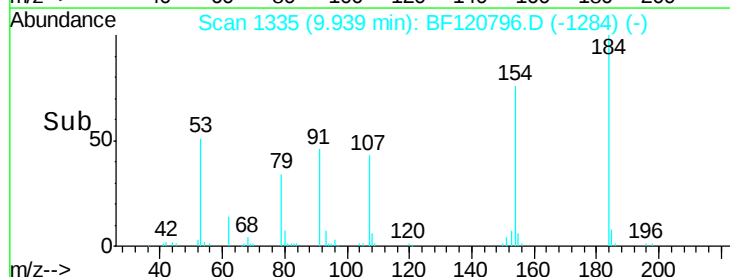
154 76.4 55.8 83.6

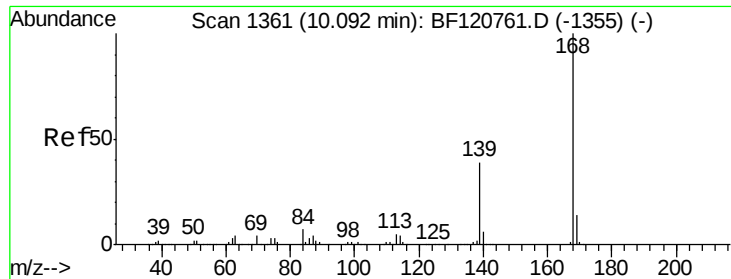


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

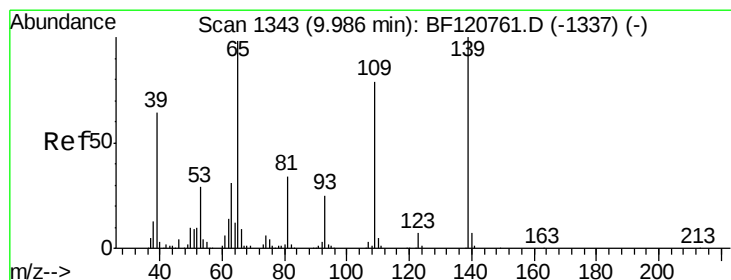
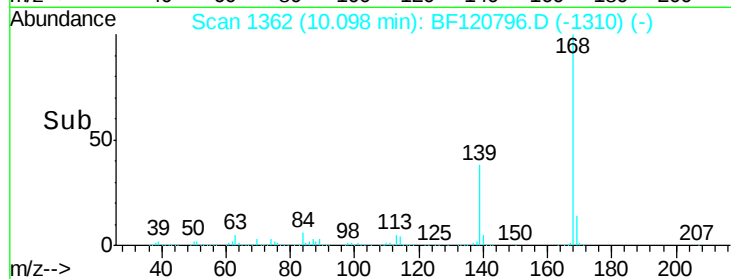
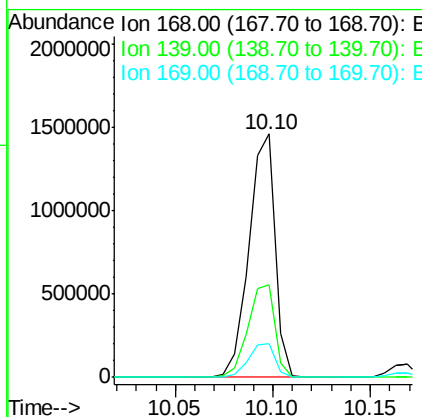
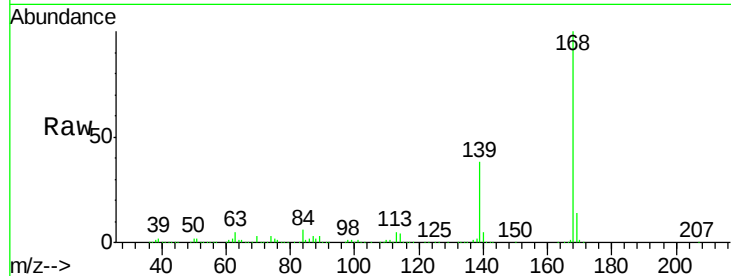




#55
Dibenzofuran
Concen: 49.958 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF120796.D
Acq: 7 Jul 2020 19:23

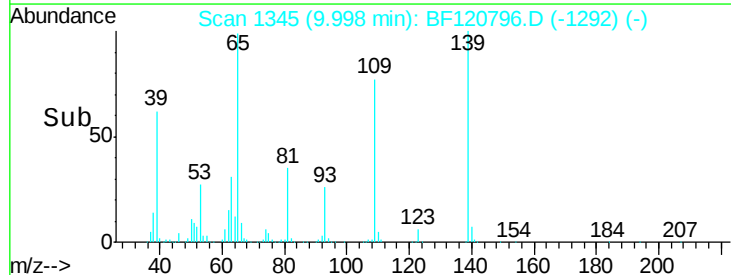
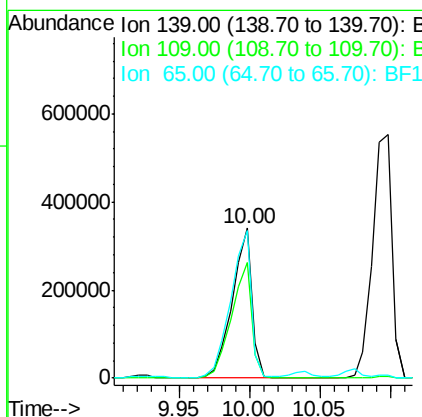
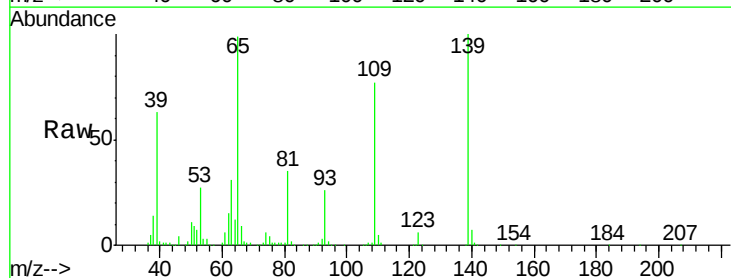
Instrument :
BNA_F
ClientSampleId :
RO-COMPMSD

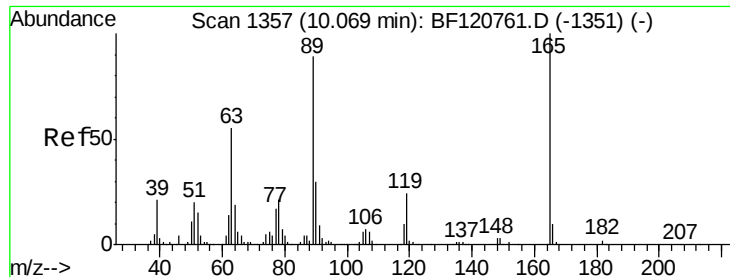
Tot Ion:168 Resp: 1353259
Ion Ratio Lower Upper
168 100
139 37.8 31.3 46.9
169 13.6 11.2 16.8



#56
4-Nitrophenol
Concen: 83.240 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF120796.D
Acq: 7 Jul 2020 19:23

Tgt Ion:139 Resp: 333298
Ion Ratio Lower Upper
139 100
109 76.9 58.6 98.6
65 98.6 78.7 118.7





#57

2,4-Dinitrotoluene

Concen: 57.757 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.01 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Instrument :

BNA_F

ClientSampleId :

RO-COMPMSD

Tot Ion:165 Resp: 315457

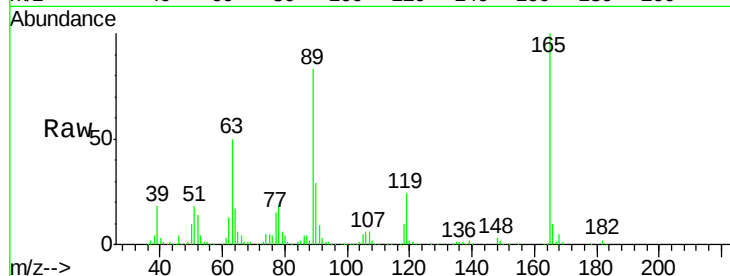
Ion Ratio Lower Upper

165 100

63 49.6 43.8 65.8

89 83.2 71.4 107.2

182 2.2 1.8 2.6

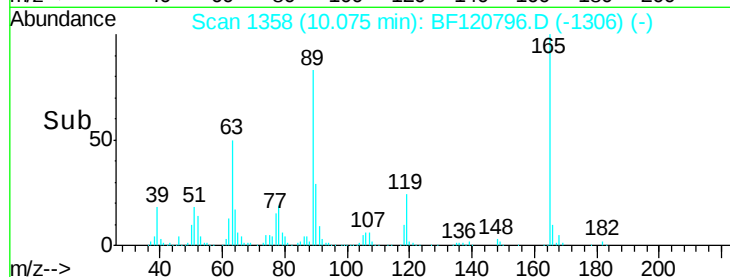


Abundance Ion 165.00 (164.70 to 165.70): E

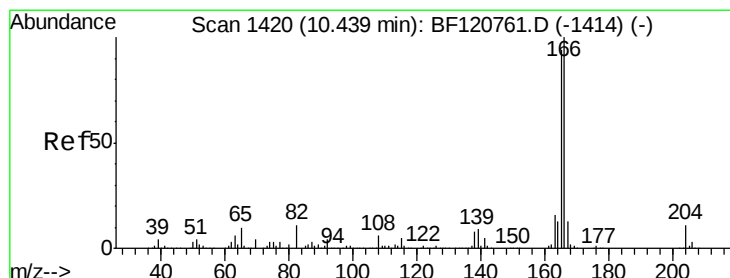
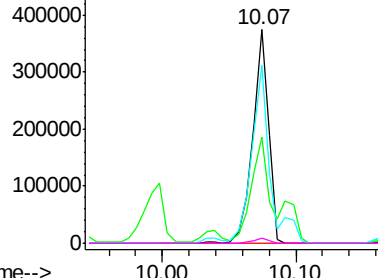
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



Time-->



#58

Fluorene

Concen: 48.434 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

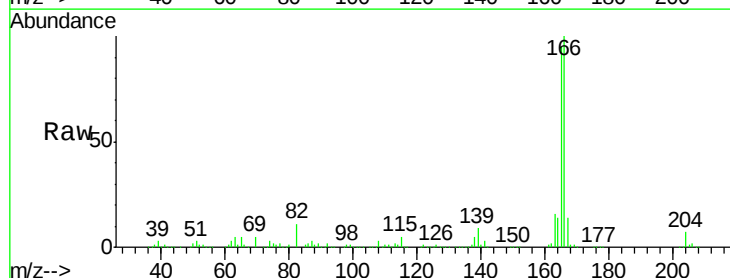
Tgt Ion:166 Resp: 976537

Ion Ratio Lower Upper

166 100

165 94.7 75.5 113.3

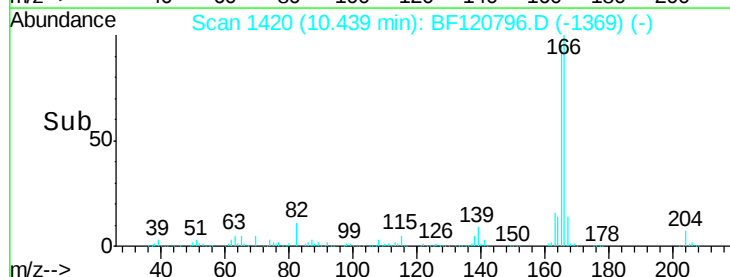
167 13.6 10.6 16.0



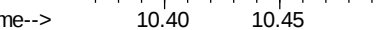
Abundance Ion 166.00 (165.70 to 166.70): E

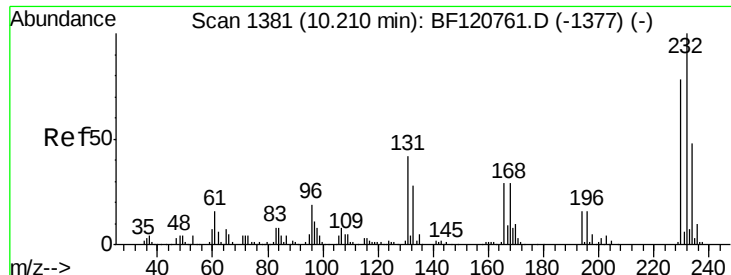
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->

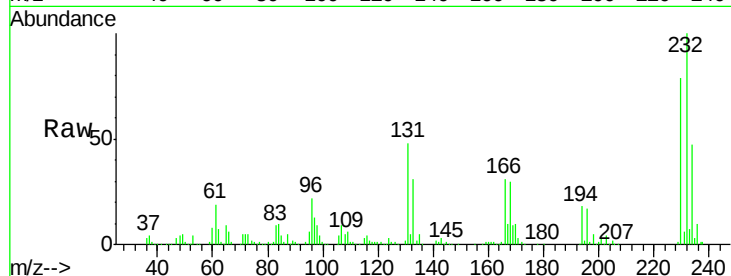




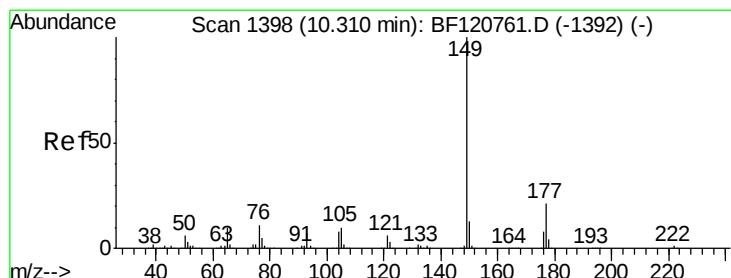
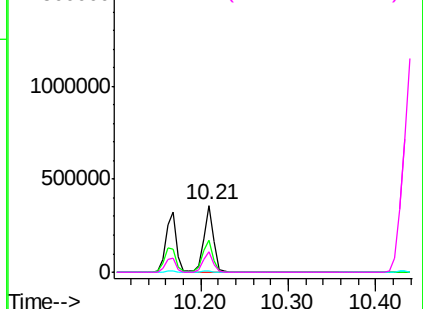
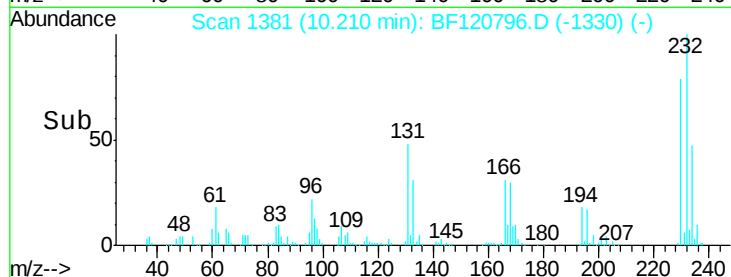
#59
2,3,4,6-Tetrachlorophenol
Concen: 54.670 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BF120796.D
Acq: 7 Jul 2020 19:23

Instrument :
BNA_F
ClientSampleId :
RO-COMPMSD

Tot Ion:232 Resp: 277997
Ion Ratio Lower Upper
232 100
131 49.6 36.3 54.5
130 2.6 2.0 3.0
166 31.2 20.9 31.3

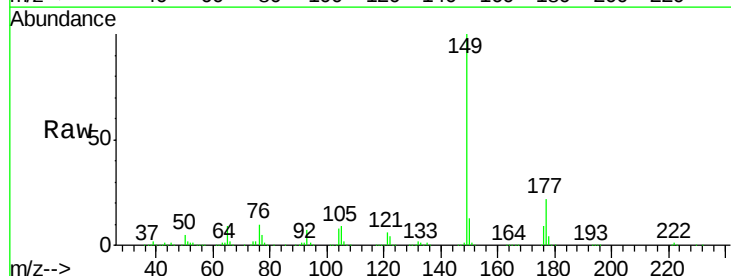


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

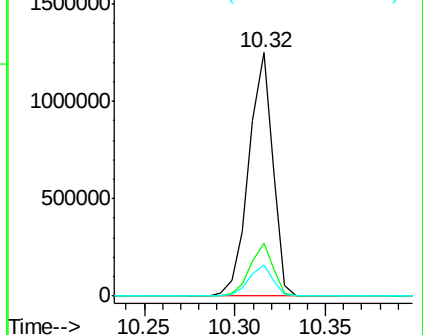
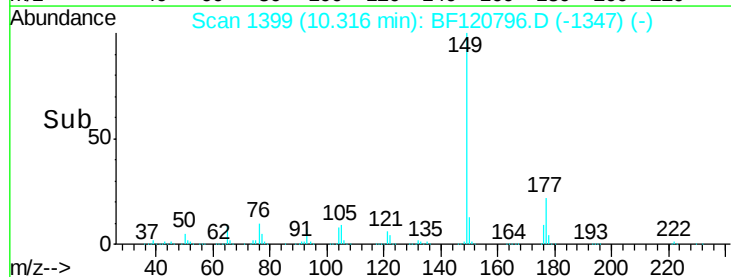


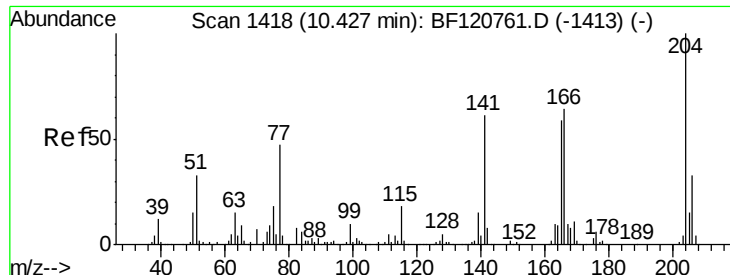
#60
Diethylphthalate
Concen: 50.488 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF120796.D
Acq: 7 Jul 2020 19:23

Tgt Ion:149 Resp: 1147086
Ion Ratio Lower Upper
149 100
177 21.7 16.4 24.6
150 12.6 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

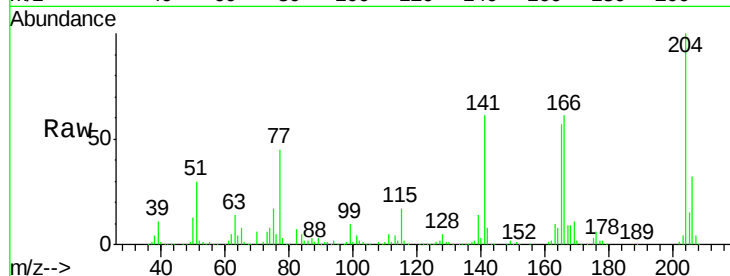




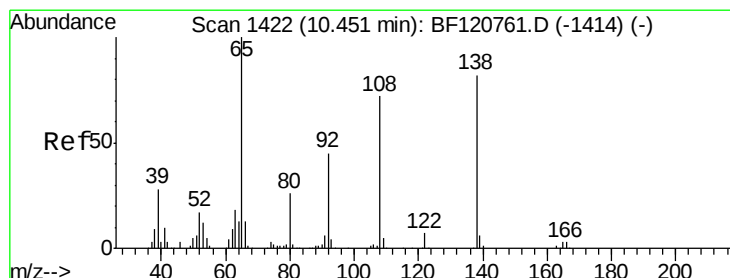
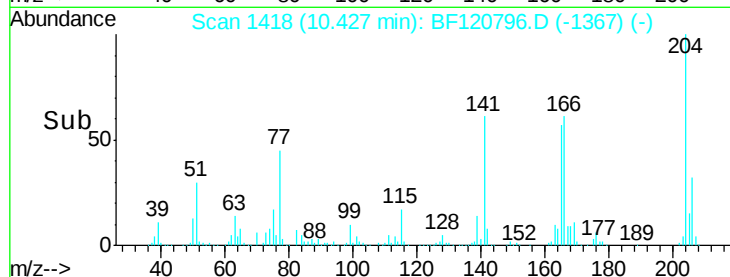
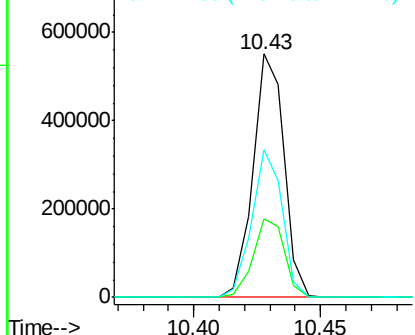
#61
 4-Chlorophenyl-phenylether
 Concen: 46.204 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: BF120796.D
 Acq: 7 Jul 2020 19:23

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMSD

Tot Ion:204 Resp: 468315
 Ion Ratio Lower Upper
 204 100
 206 32.5 26.7 40.1
 141 60.9 48.5 72.7

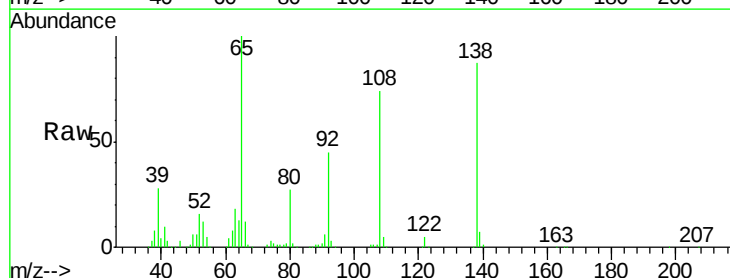


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

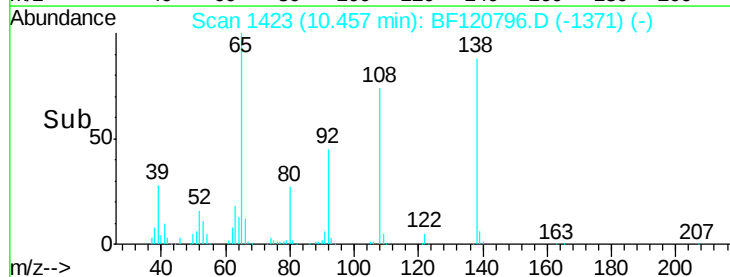
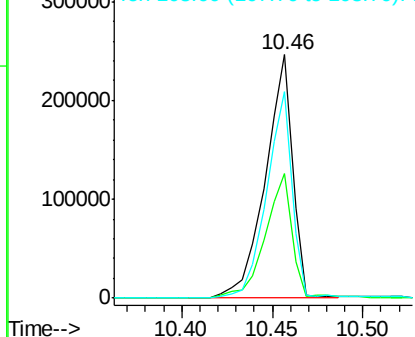


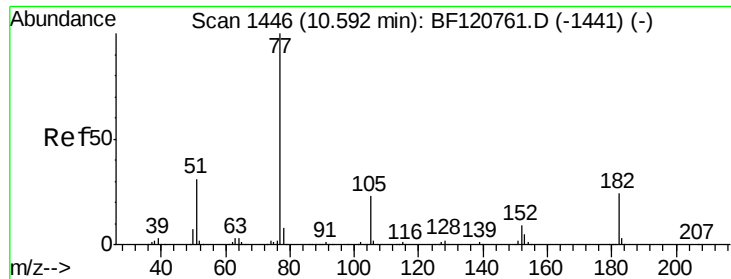
#62
 4-Nitroaniline
 Concen: 55.598 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.01 min
 Lab File: BF120796.D
 Acq: 7 Jul 2020 19:23

Tgt Ion:138 Resp: 257646
 Ion Ratio Lower Upper
 138 100
 92 51.4 34.3 74.3
 108 84.9 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

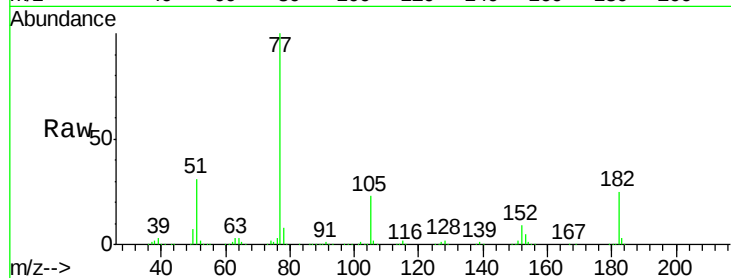




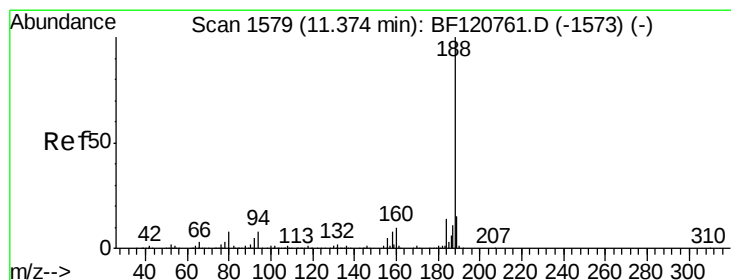
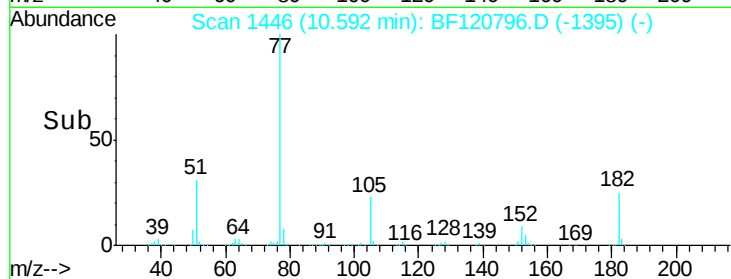
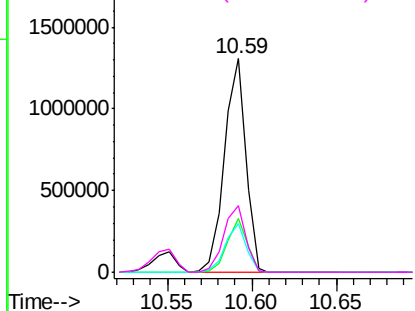
#63
Azobenzene
Concen: 49.456 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF120796.D
Acq: 7 Jul 2020 19:23

Instrument :
BNA_F
ClientSampleId :
RO-COMPMSD

Tot Ion: 77 Resp: 1149439
Ion Ratio Lower Upper
77 100
182 25.0 4.0 44.0
105 22.7 2.6 42.6
51 31.3 11.5 51.5

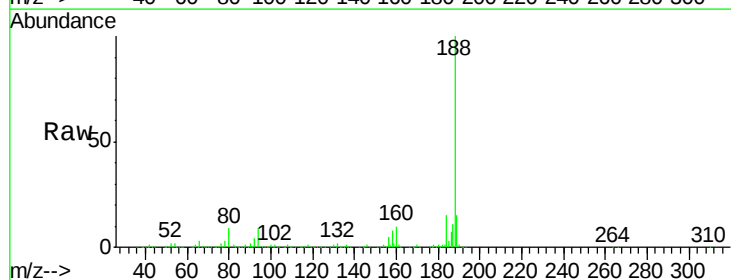


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

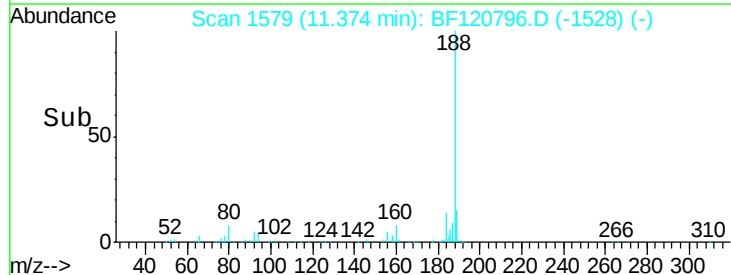
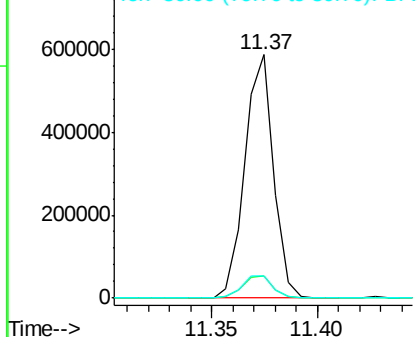


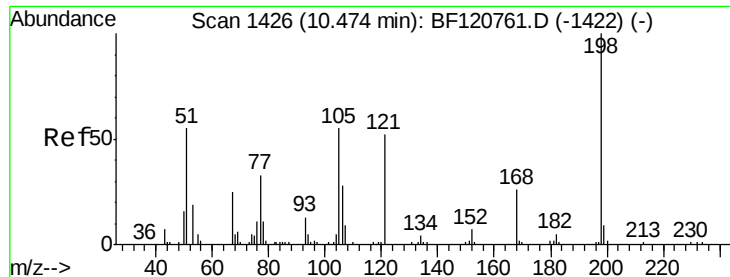
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF120796.D
Acq: 7 Jul 2020 19:23

Tgt Ion: 188 Resp: 550264
Ion Ratio Lower Upper
188 100
94 8.9 6.6 9.8
80 8.9 6.6 10.0



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

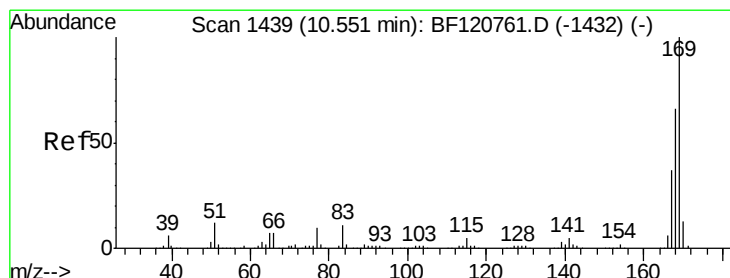
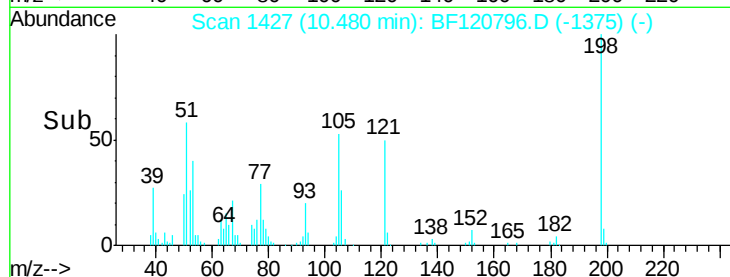
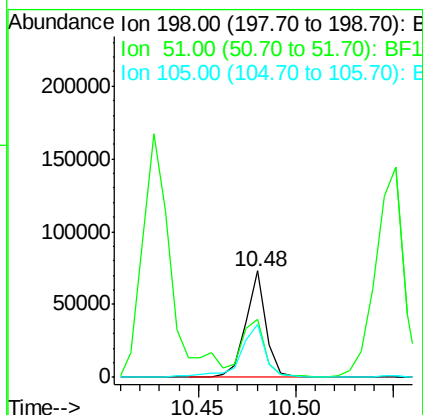
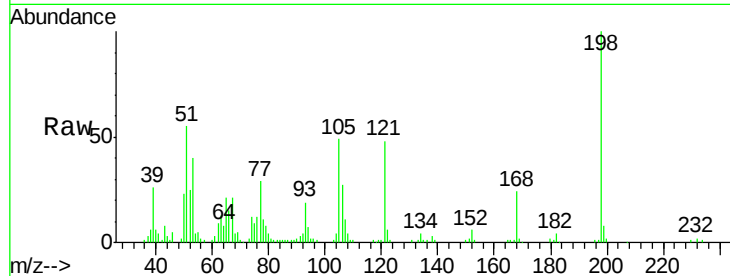




#65
4,6-Dinitro-2-methylphenol
Concen: 26.477 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF120796.D
Acq: 7 Jul 2020 19:23

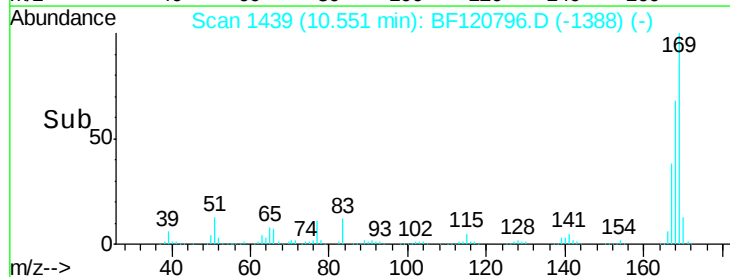
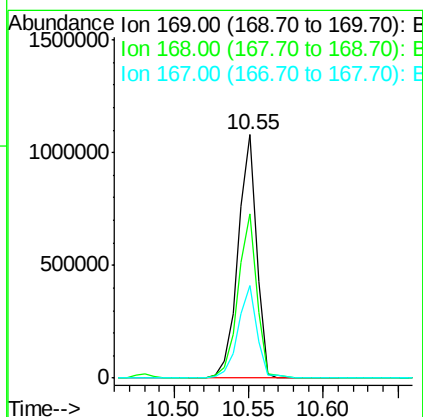
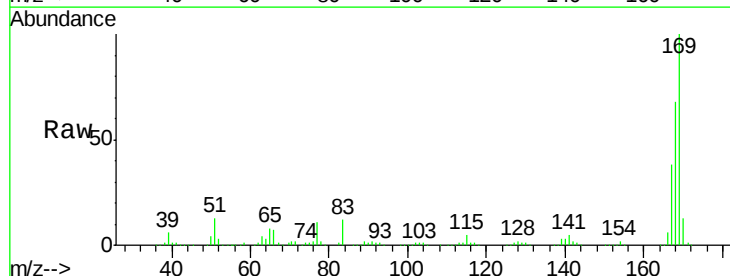
Instrument :
BNA_F
ClientSampleId :
RO-COMPMSD

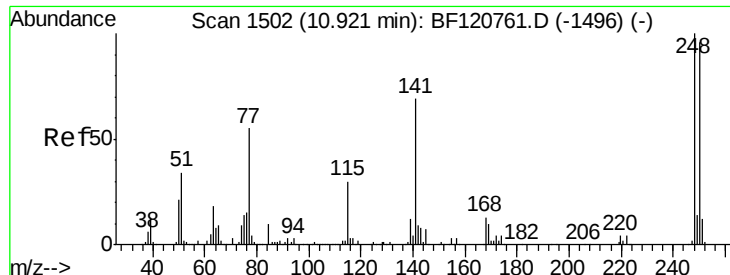
Tot Ion:198 Resp: 52752
Ion Ratio Lower Upper
198 100
51 54.9 50.0 90.0
105 49.4 38.3 78.3



#66
n-Nitrosodiphenylamine
Concen: 51.187 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF120796.D
Acq: 7 Jul 2020 19:23

Tgt Ion:169 Resp: 944070
Ion Ratio Lower Upper
169 100
168 67.7 53.1 79.7
167 38.0 29.6 44.4

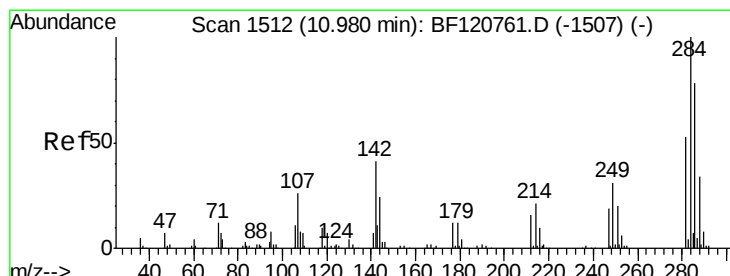
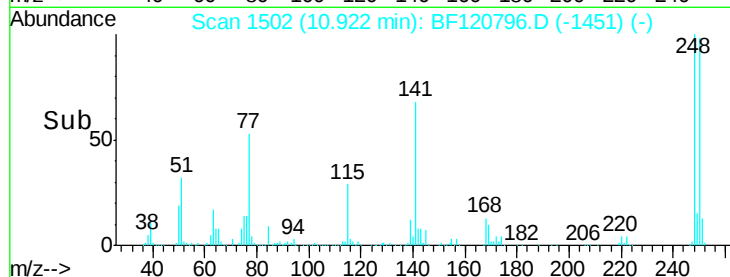
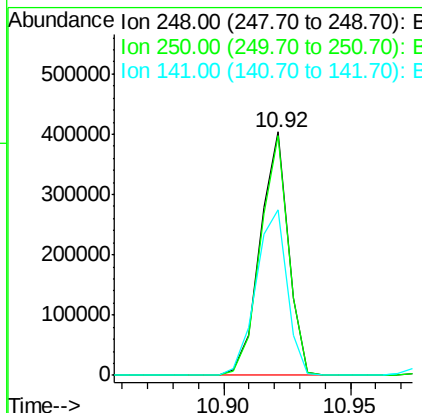
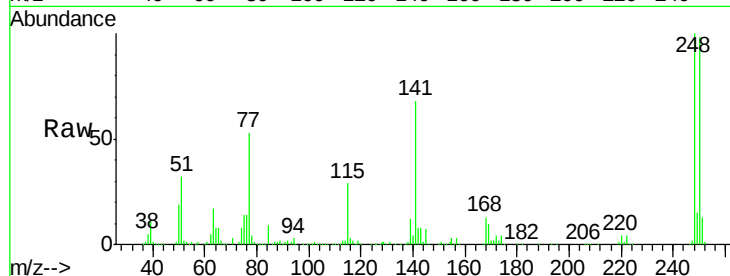




#67
 4-Bromophenyl-phenylether
 Concen: 49.290 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: BF120796.D
 Acq: 7 Jul 2020 19:23

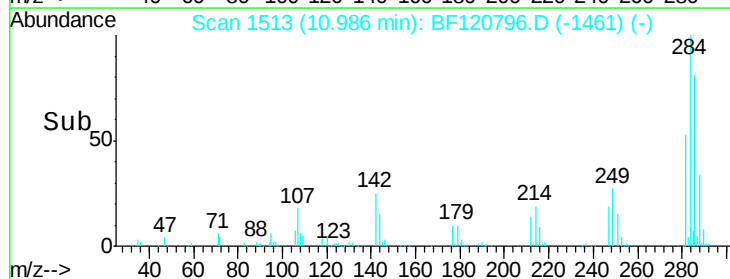
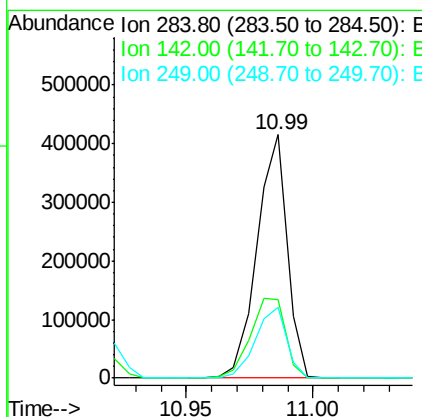
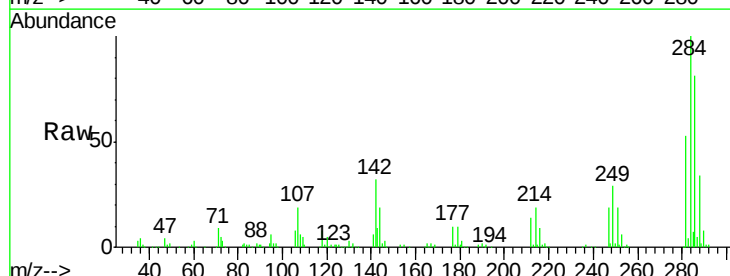
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMSD

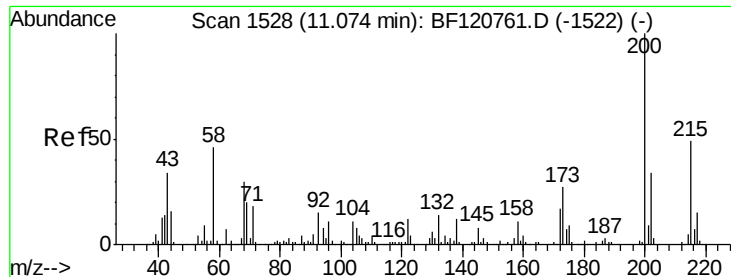
Tot Ion:248 Resp: 314624
 Ion Ratio Lower Upper
 248 100
 250 98.4 76.5 114.7
 141 68.2 54.9 82.3



#68
 Hexachlorobenzene
 Concen: 51.731 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. 0.01 min
 Lab File: BF120796.D
 Acq: 7 Jul 2020 19:23

Tgt Ion:284 Resp: 346498
 Ion Ratio Lower Upper
 284 100
 142 32.1 32.5 48.7#
 249 29.2 24.8 37.2

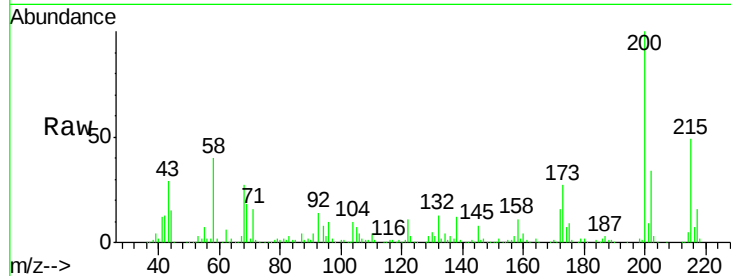




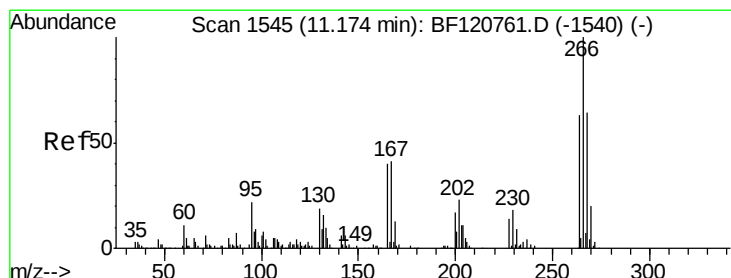
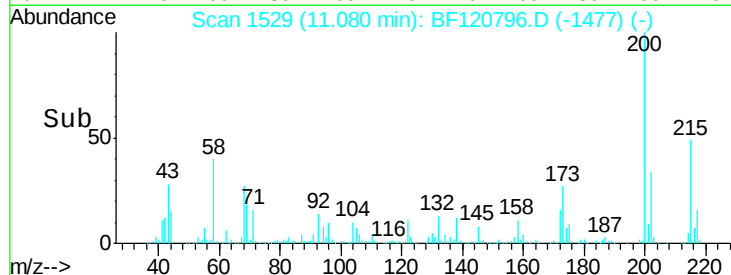
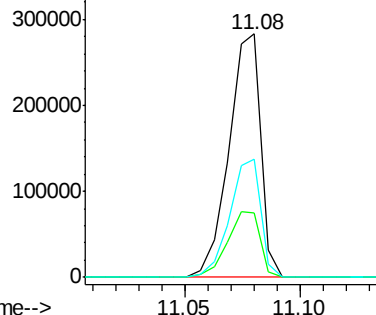
#69
 Atrazine
 Concen: 57.314 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. 0.01 min
 Lab File: BF120796.D
 Acq: 7 Jul 2020 19:23

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMSD

Tot Ion:200 Resp: 272325
 Ion Ratio Lower Upper
 200 100
 173 26.5 7.4 47.4
 215 48.6 28.8 68.8

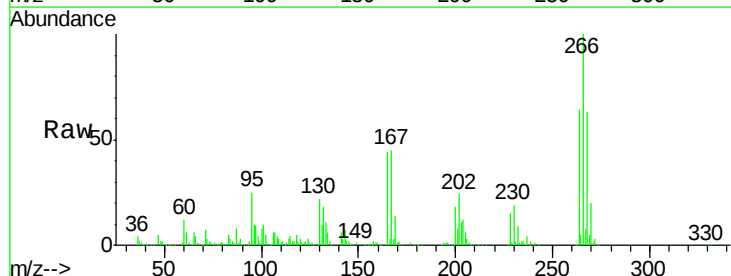


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

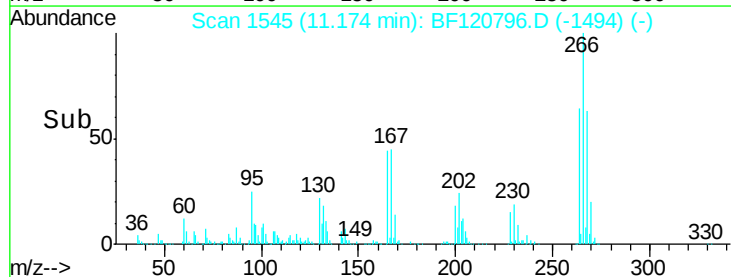
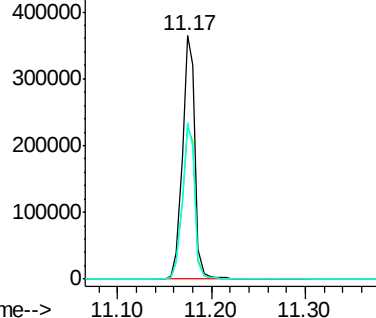


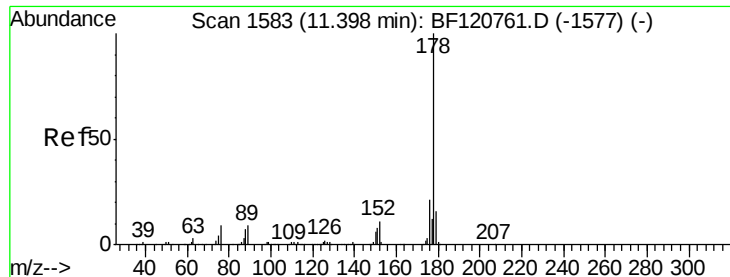
#70
 Pentachlorophenol
 Concen: 91.764 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. 0.00 min
 Lab File: BF120796.D
 Acq: 7 Jul 2020 19:23

Tgt Ion:266 Resp: 347749
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.4 77.2
 264 64.3 50.6 75.8



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 50.109 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Instrument :

BNA_F

ClientSampleId :

RO-COMPMSD

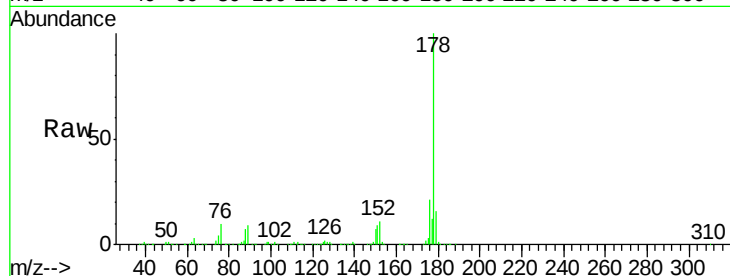
Tot Ion:178 Resp: 1496074

Ion Ratio Lower Upper

178 100

176 21.2 16.4 24.6

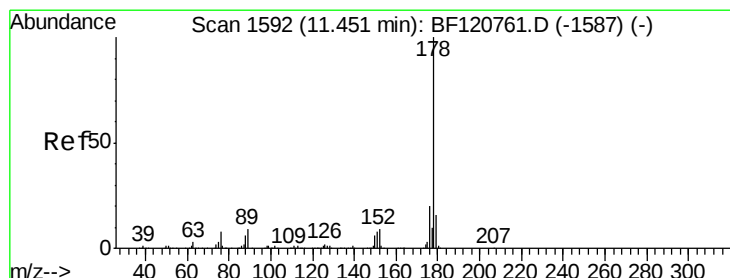
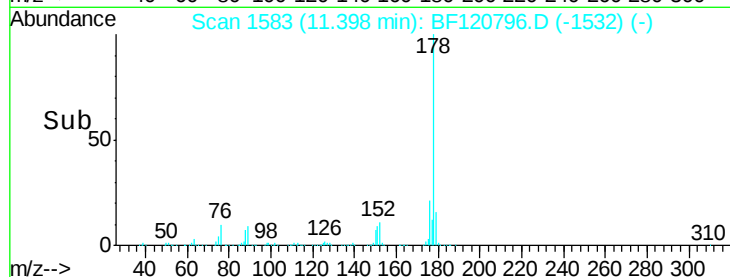
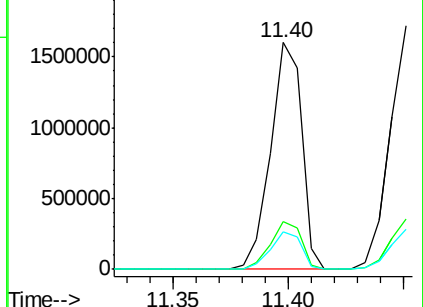
179 16.3 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 51.432 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

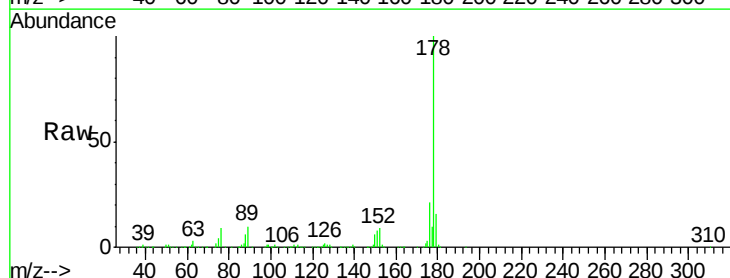
Tgt Ion:178 Resp: 1551717

Ion Ratio Lower Upper

178 100

176 20.5 16.2 24.2

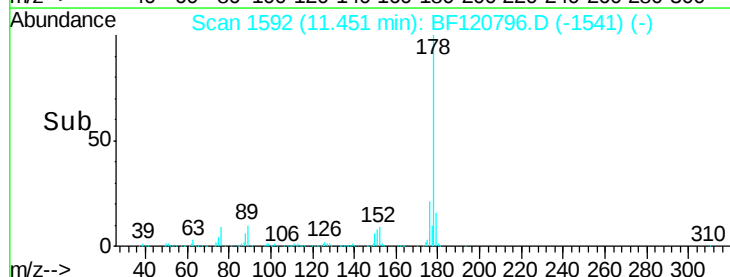
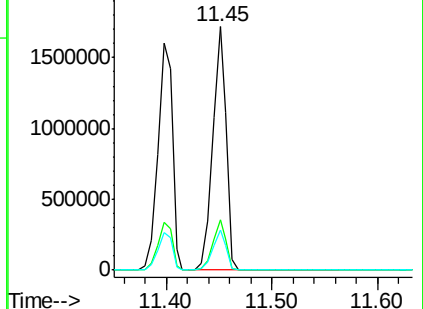
179 16.2 12.7 19.1

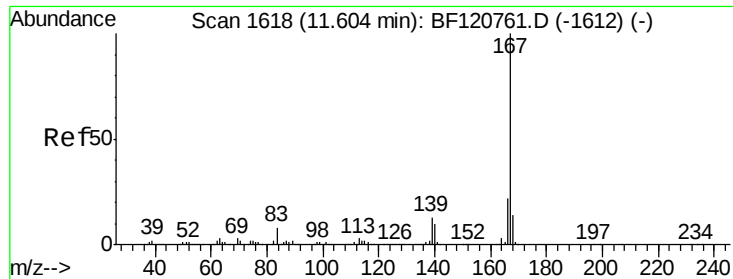


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

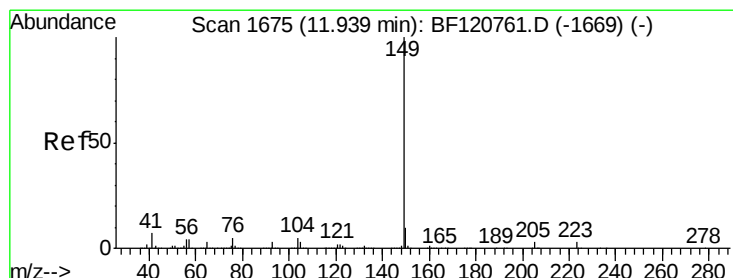
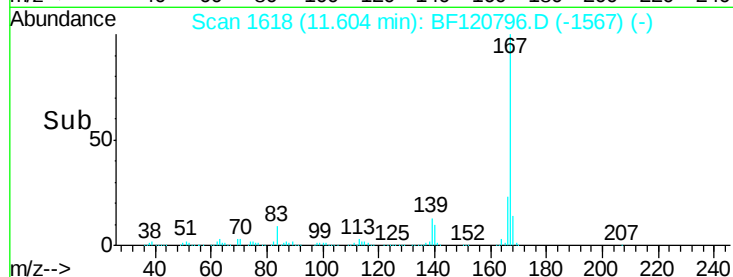
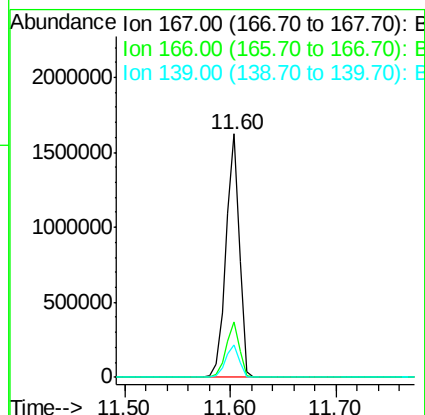
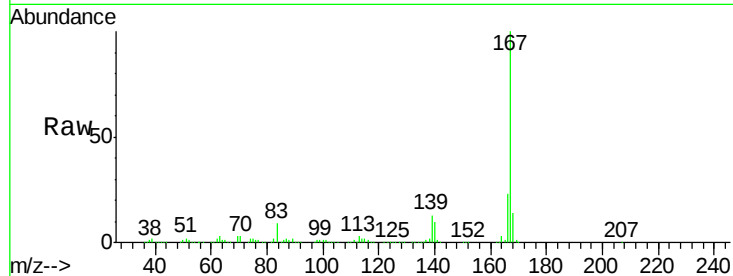




#73
 Carbazole
 Concen: 49.613 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: BF120796.D
 Acq: 7 Jul 2020 19:23

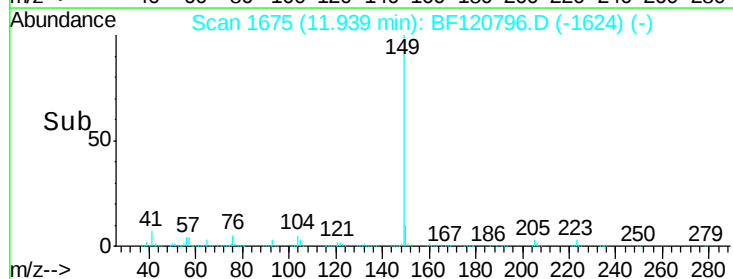
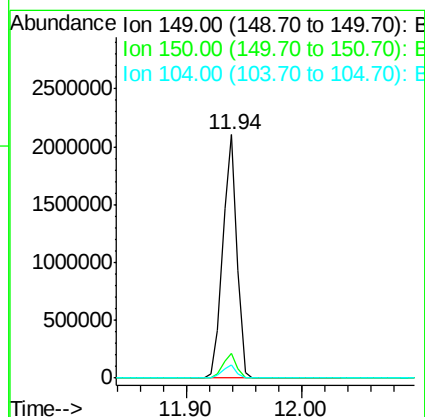
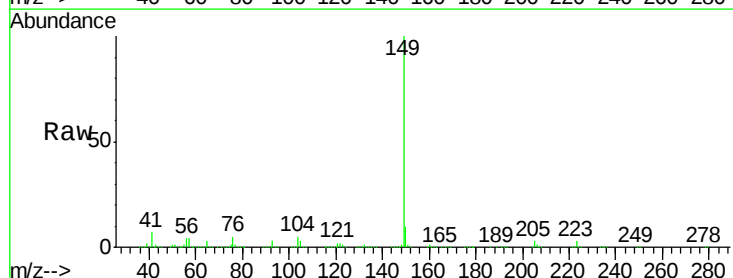
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMSD

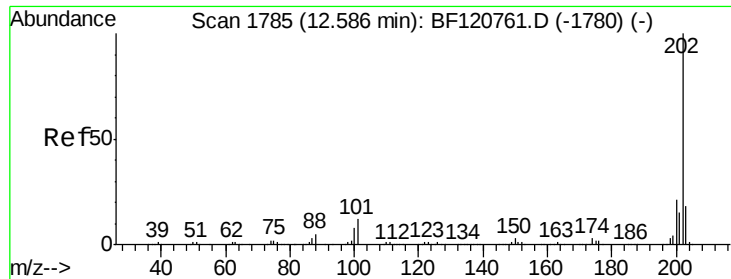
Tot Ion:167 Resp: 1438424
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.8 26.8
 139 13.5 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 49.373 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF120796.D
 Acq: 7 Jul 2020 19:23

Tgt Ion:149 Resp: 1772240
 Ion Ratio Lower Upper
 149 100
 150 10.2 7.7 11.5
 104 5.4 4.0 6.0

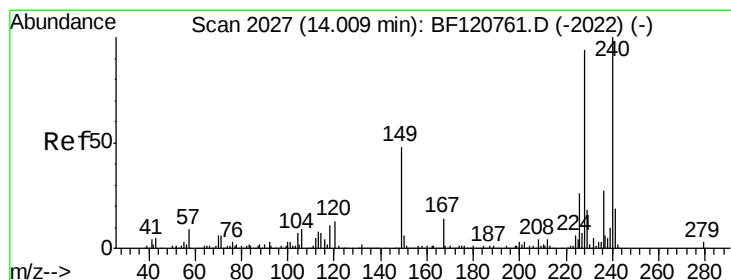
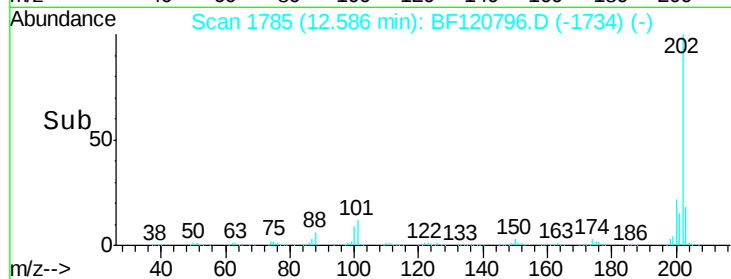
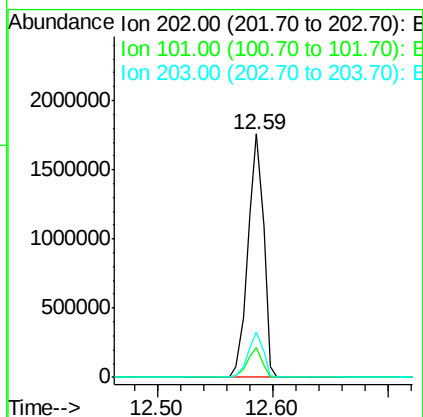
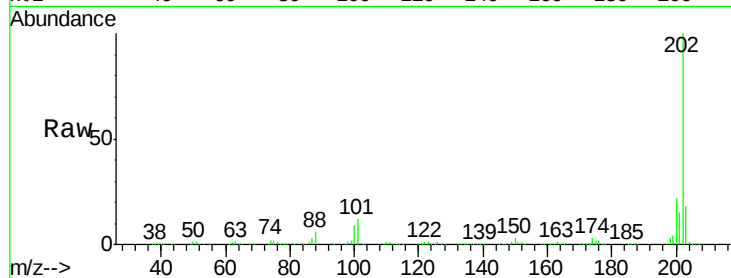




#75
 Fluoranthene
 Concen: 51.403 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BF120796.D
 Acq: 7 Jul 2020 19:23

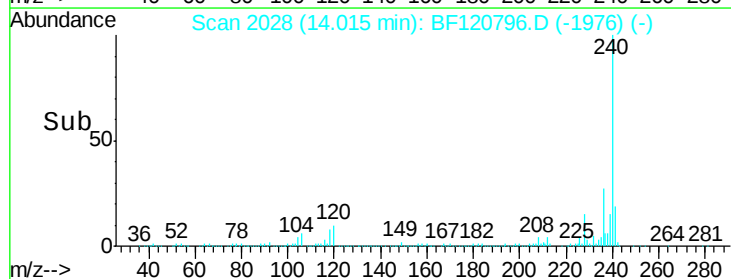
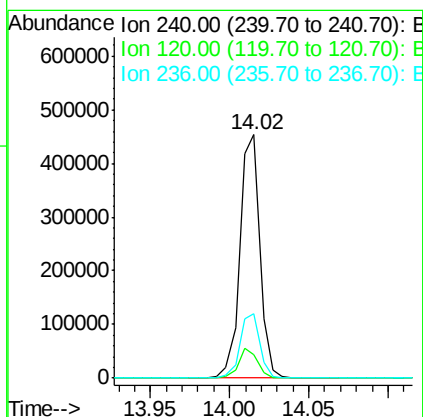
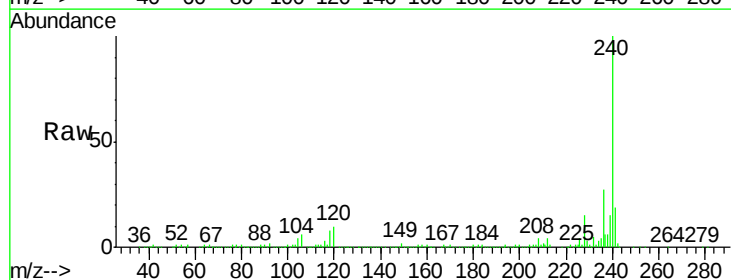
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMSD

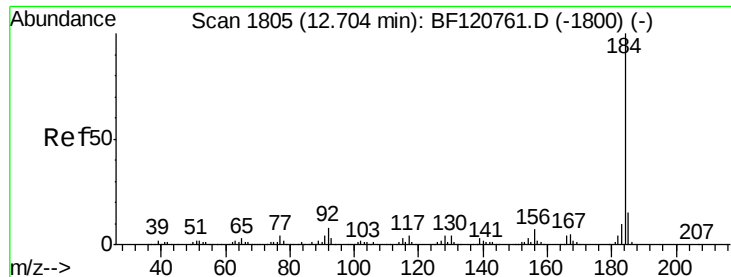
Tot Ion:202 Resp: 1634904
 Ion Ratio Lower Upper
 202 100
 101 12.1 0.0 31.6
 203 18.5 0.0 38.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF120796.D
 Acq: 7 Jul 2020 19:23

Tgt Ion:240 Resp: 394643
 Ion Ratio Lower Upper
 240 100
 120 9.5 10.3 15.5#
 236 26.5 21.4 32.2





#77

Benzidine

Concen: 72.158 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Instrument :

BNA_F

ClientSampleId :

RO-COMPMSD

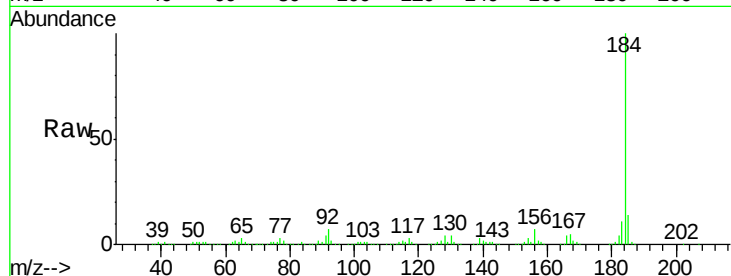
Tot Ion:184 Resp: 803780

Ion Ratio Lower Upper

184 100

185 14.2 11.8 17.8

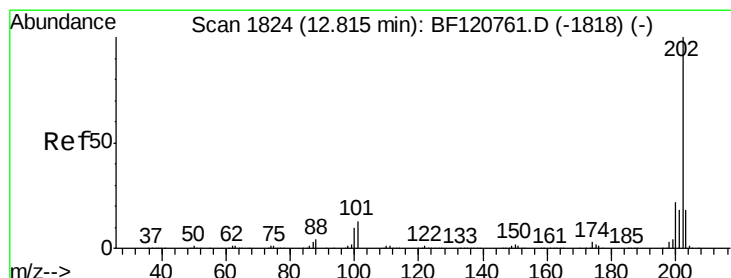
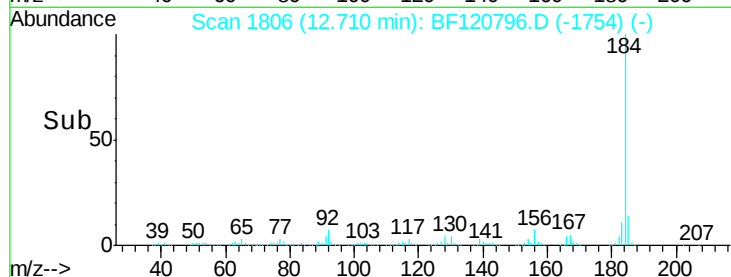
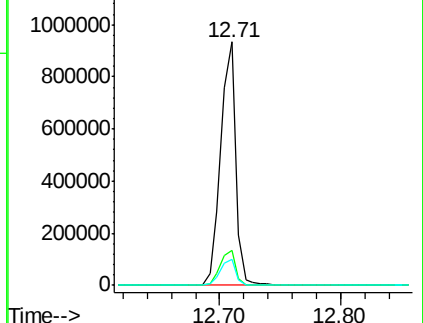
183 10.8 8.3 12.5



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: 51.854 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

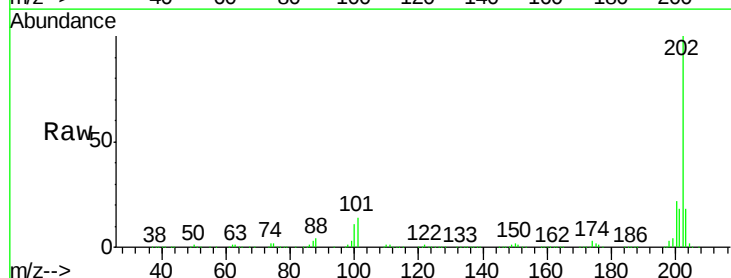
Tgt Ion:202 Resp: 1634352

Ion Ratio Lower Upper

202 100

200 21.9 17.3 25.9

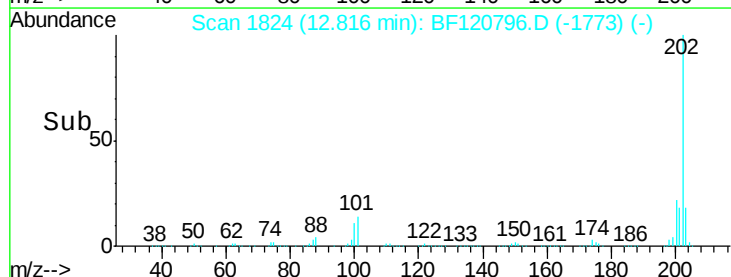
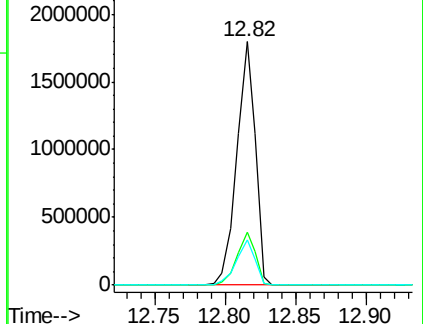
203 18.4 14.6 22.0

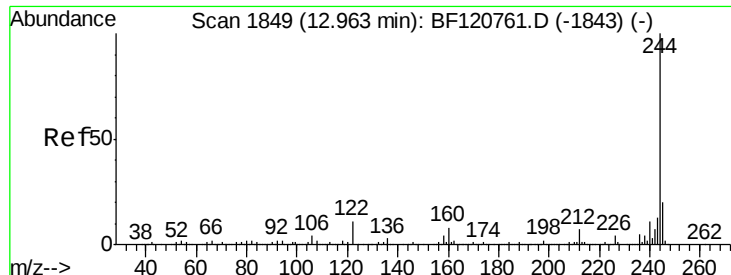


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 104.813 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Instrument :

BNA_F

ClientSampleId :

RO-COMPMSD

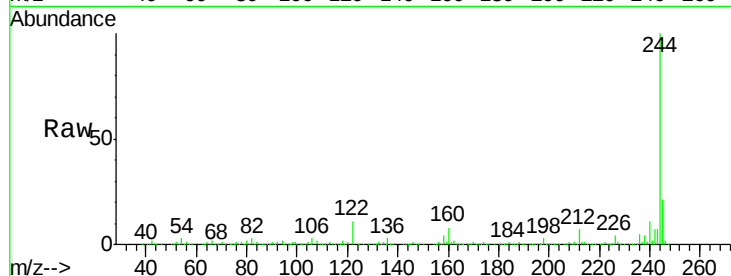
Tot Ion:244 Resp: 2112663

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

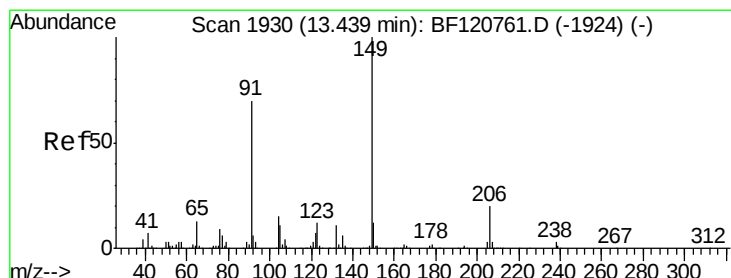
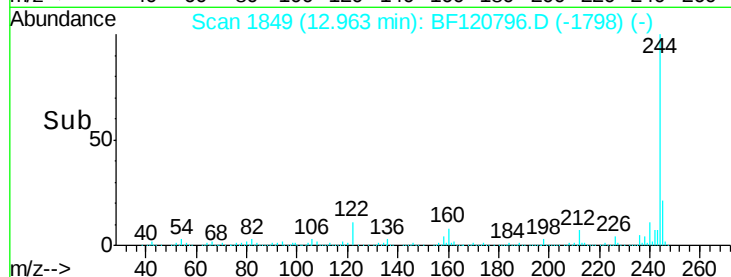
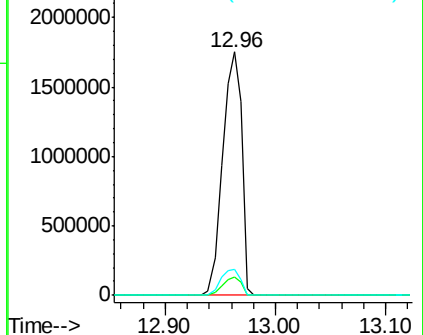
122 10.5 9.0 13.4



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: 56.026 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

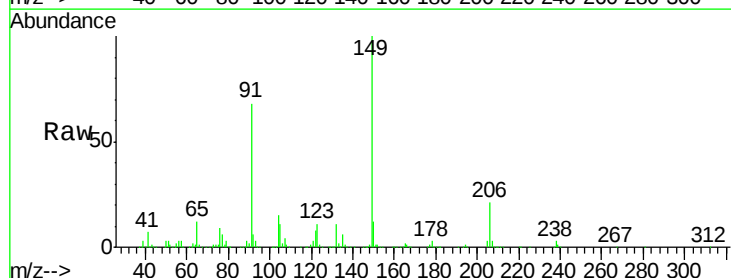
Tgt Ion:149 Resp: 762385

Ion Ratio Lower Upper

149 100

91 67.7 55.8 83.8

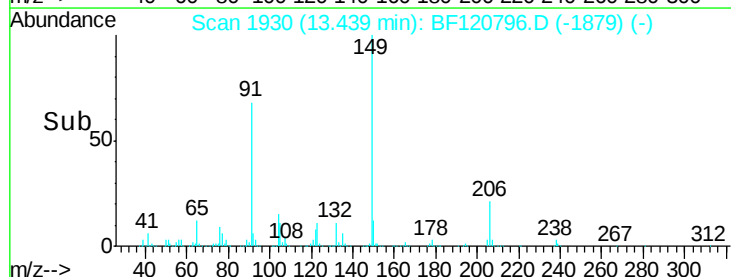
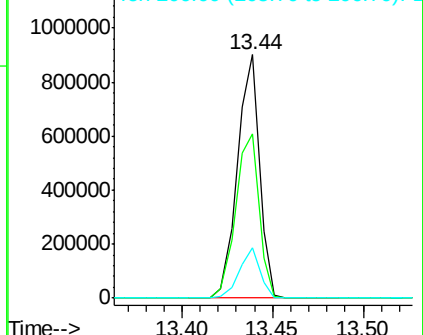
206 20.5 15.7 23.5

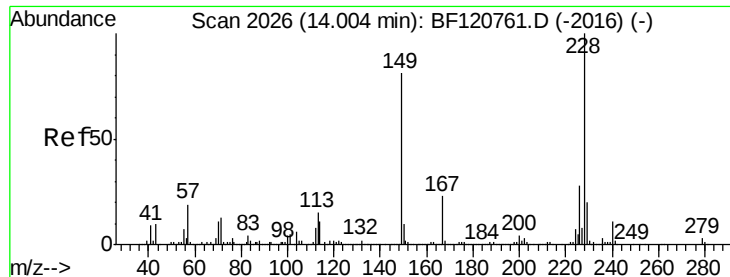


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.985 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Instrument :

BNA_F

ClientSampleId :

RO-COMPMSD

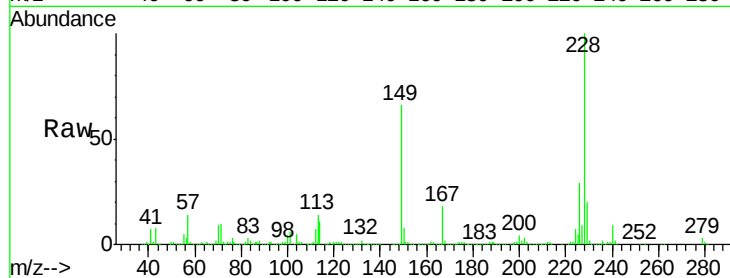
Tot Ion:228 Resp: 1213881

Ion Ratio Lower Upper

228 100

226 28.9 22.6 33.8

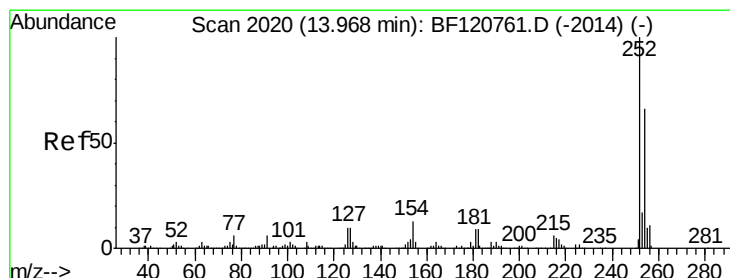
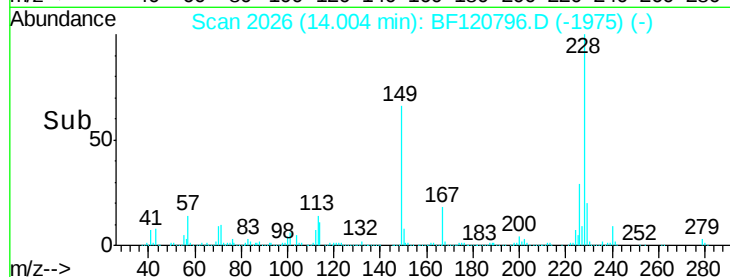
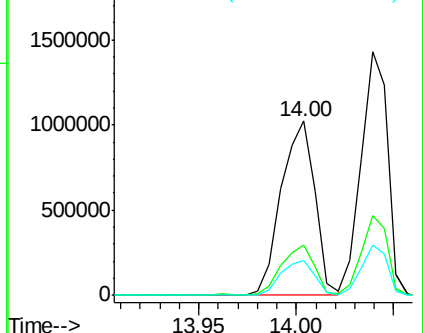
229 20.2 15.8 23.6



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: 41.641 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

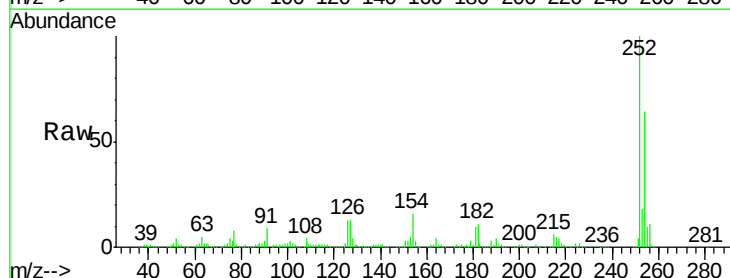
Tgt Ion:252 Resp: 355484

Ion Ratio Lower Upper

252 100

254 64.5 52.6 78.8

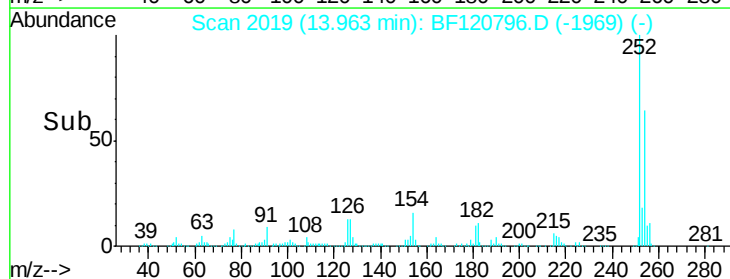
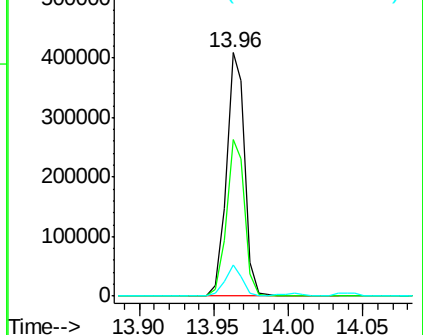
126 12.9 7.8 11.8#

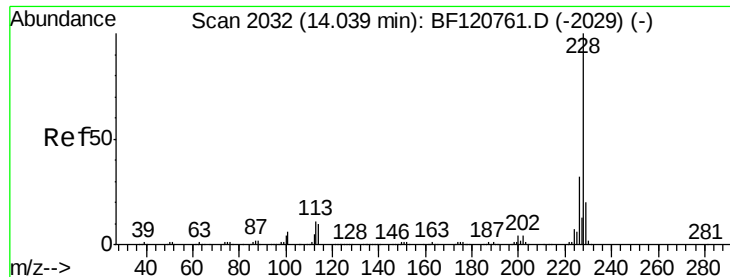


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 52.102 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Instrument :

BNA_F

ClientSampleId :

RO-COMPMSD

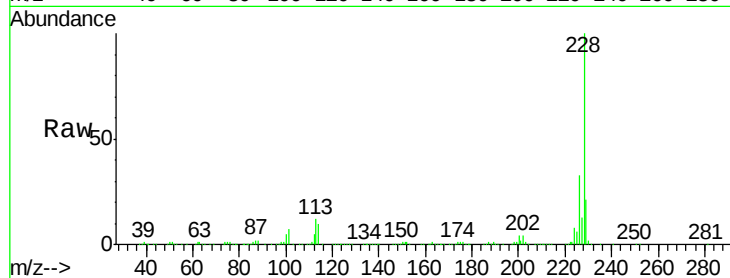
Tot Ion:228 Resp: 1344439

Ion Ratio Lower Upper

228 100

226 33.0 25.7 38.5

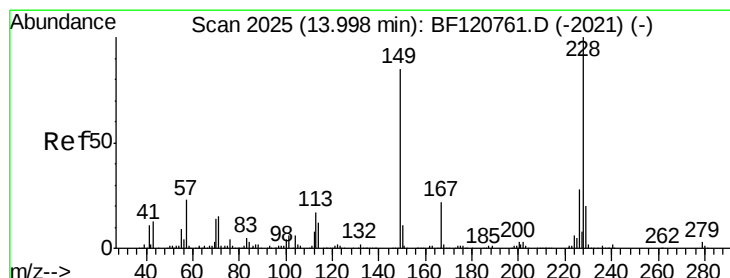
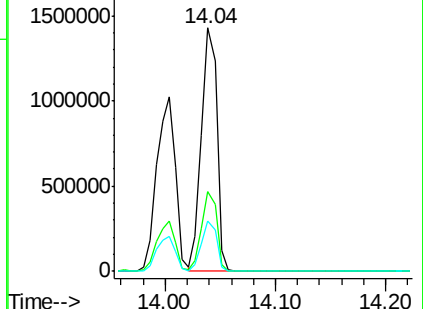
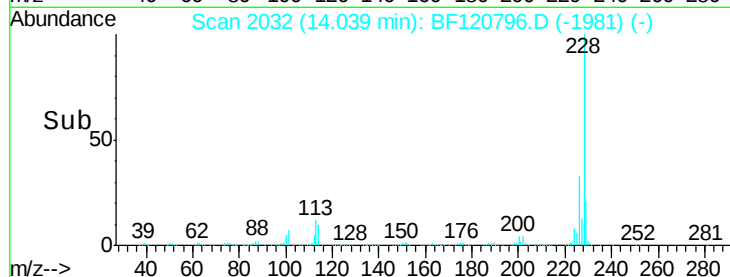
229 20.9 16.3 24.5



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: 50.624 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

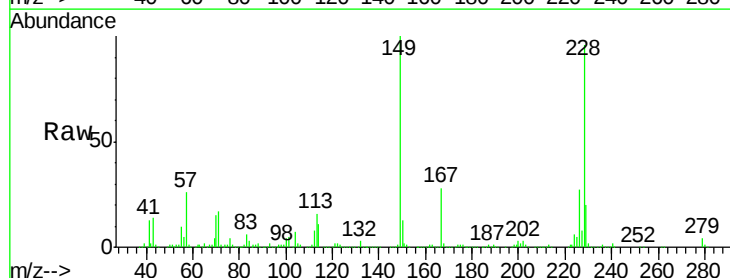
Tgt Ion:149 Resp: 903348

Ion Ratio Lower Upper

149 100

167 27.7 20.9 31.3

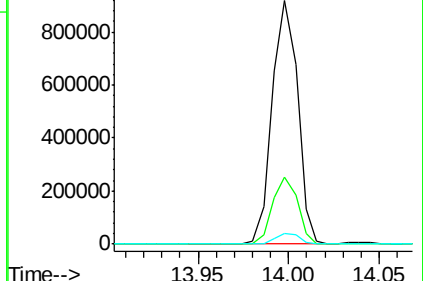
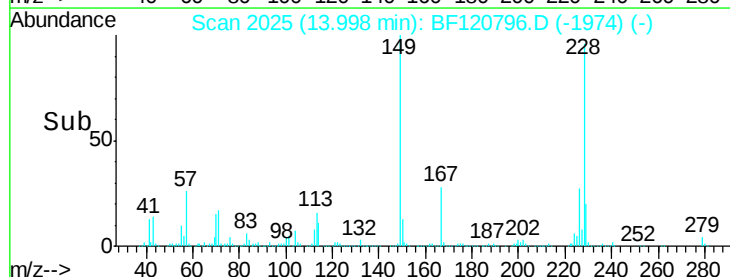
279 4.2 2.6 4.0#

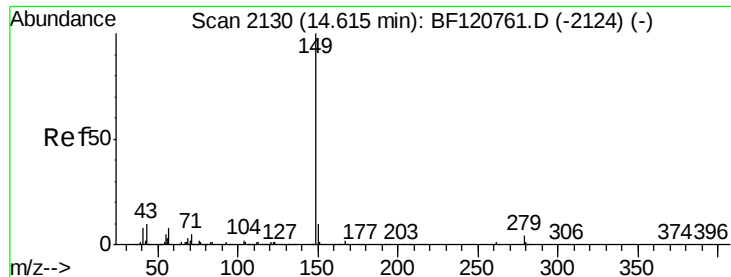


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 55.759 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Instrument :

BNA_F

ClientSampleId :

RO-COMPMSD

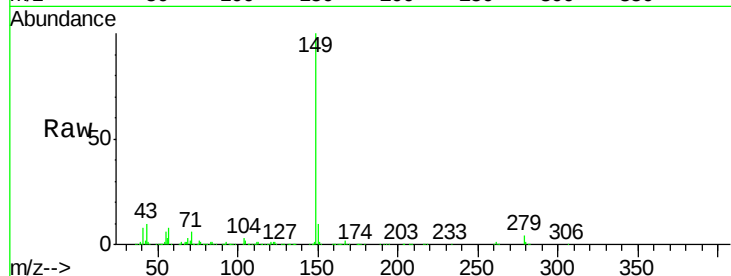
Tot Ion:149 Resp: 1760222

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

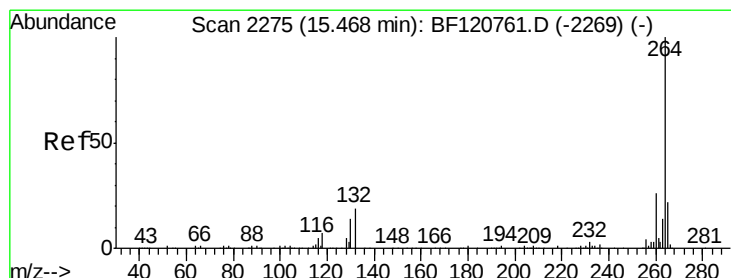
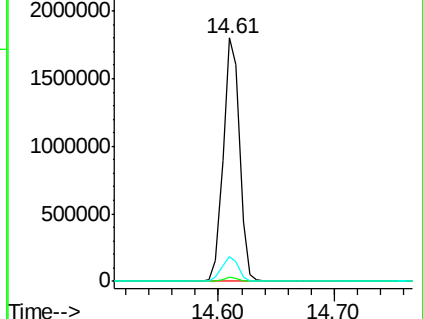
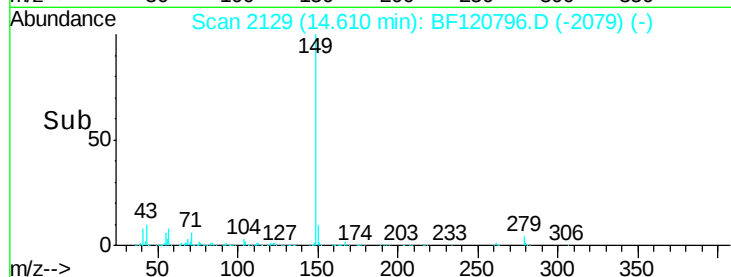
43 10.2 8.7 13.1



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: BF120796.D

Acq: 7 Jul 2020 19:23

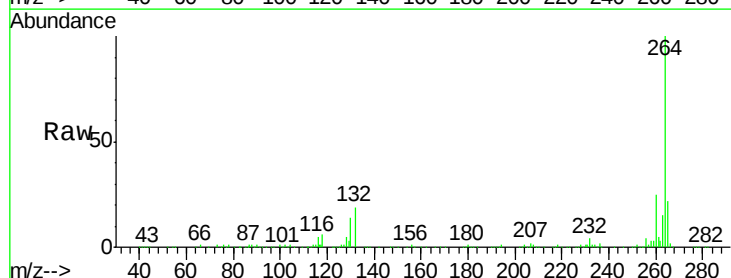
Tgt Ion:264 Resp: 316447

Ion Ratio Lower Upper

264 100

260 24.5 20.6 30.8

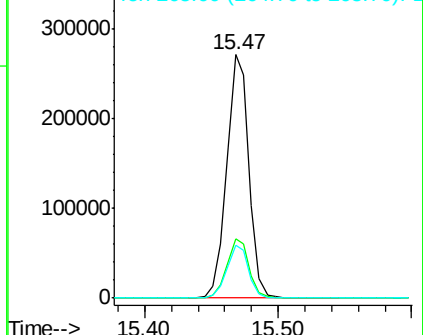
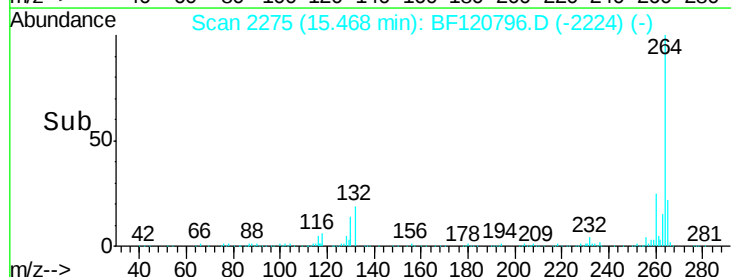
265 21.9 17.6 26.4

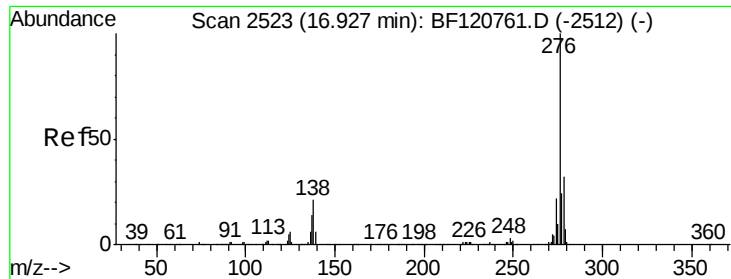


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



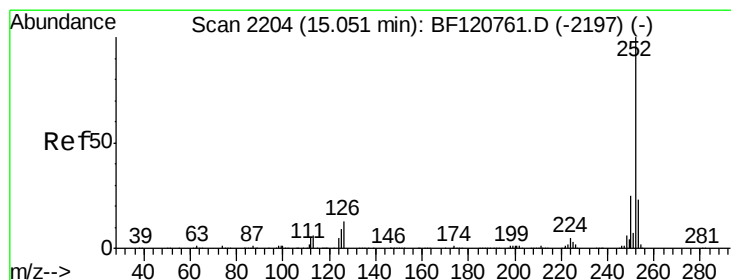
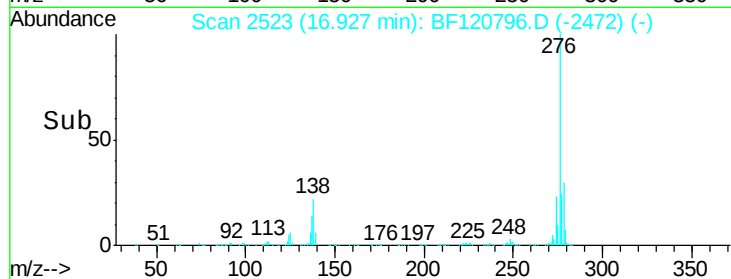
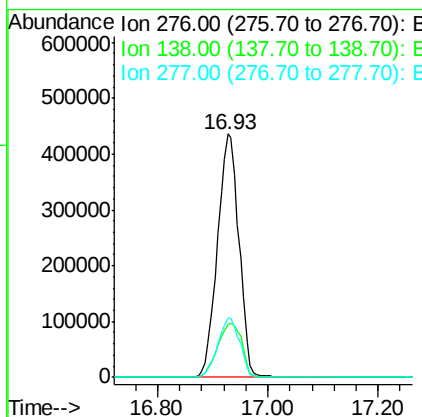
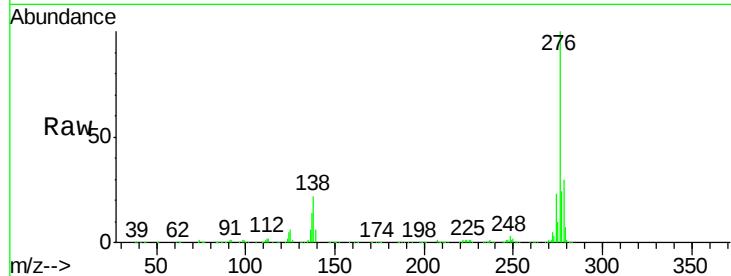


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 58.434 ng
 RT: 16.93 min Scan# 2523
 Delta R.T. 0.00 min
 Lab File: BF120796.D
 Acq: 7 Jul 2020 19:23

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMSD

Tot Ion:276 Resp: 1186061

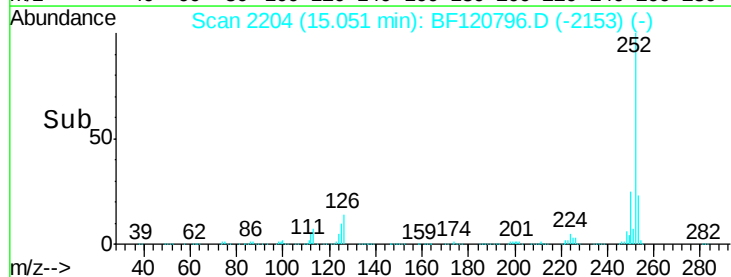
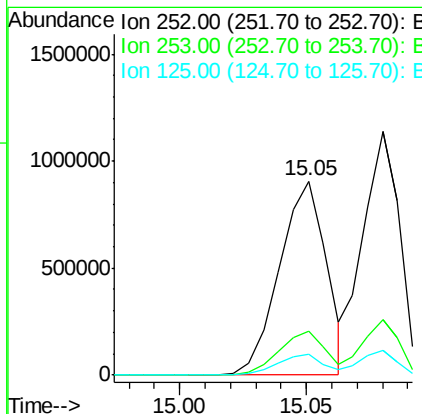
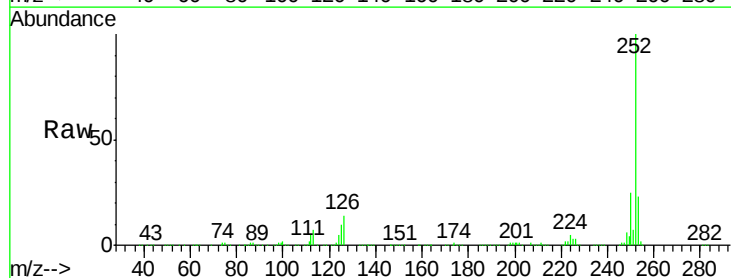
Ion	Ratio	Lower	Upper
276	100		
138	25.2	19.8	29.8
277	25.0	19.9	29.9

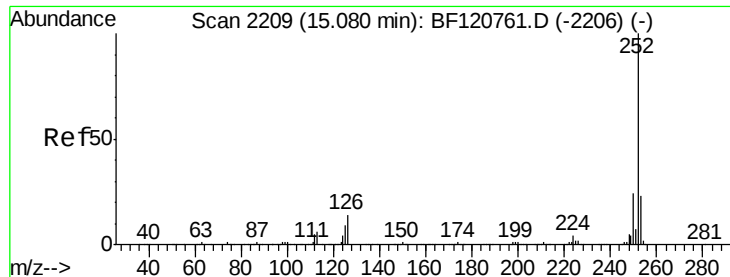


#88
 Benzo(b)fluoranthene
 Concen: 55.956 ng
 RT: 15.05 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BF120796.D
 Acq: 7 Jul 2020 19:23

Tgt Ion:252 Resp: 1164109

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	10.5	7.5	11.3

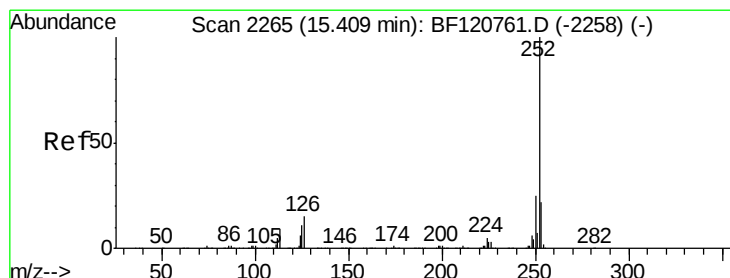
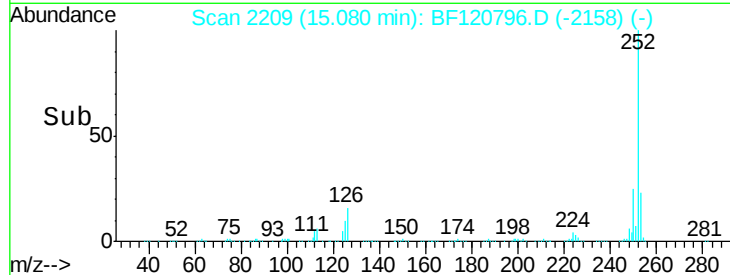
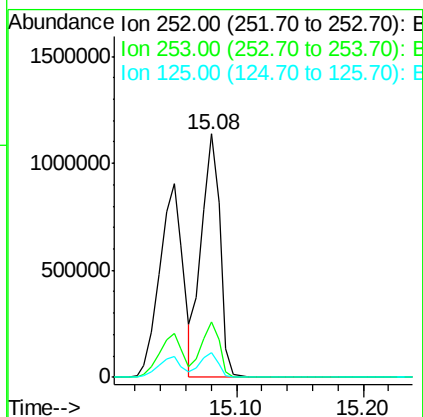
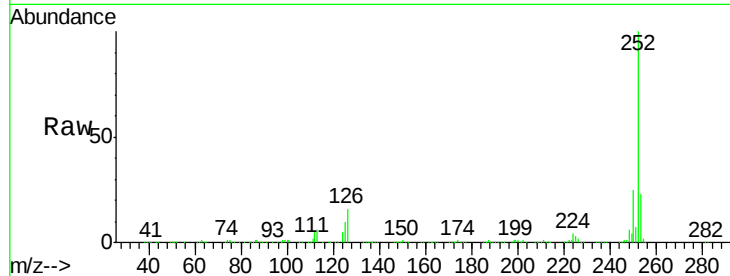




#89
Benzo(k)fluoranthene
Concen: 57.128 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF120796.D
Acq: 7 Jul 2020 19:23

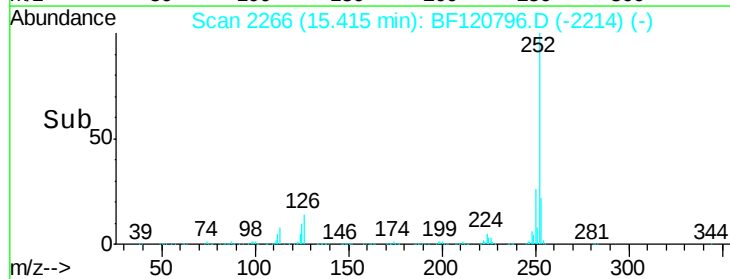
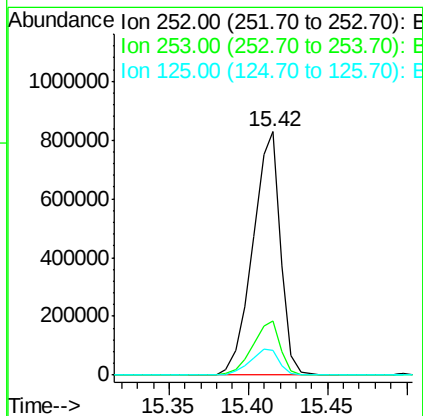
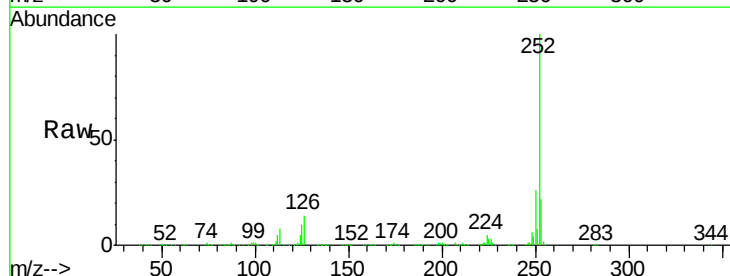
Instrument :
BNA_F
ClientSampleId :
RO-COMPMSD

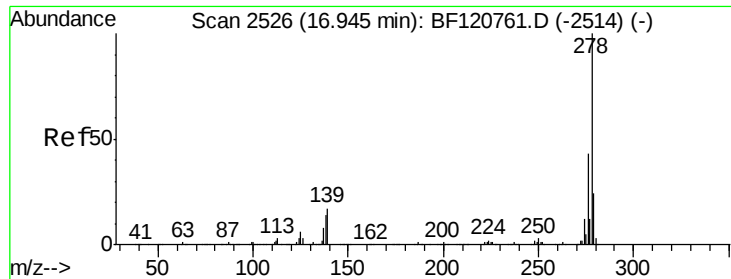
Tot Ion:252 Resp: 1156467
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 10.4 7.6 11.4



#90
Benzo(a)pyrene
Concen: 54.221 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF120796.D
Acq: 7 Jul 2020 19:23

Tgt Ion:252 Resp: 1006247
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 10.1 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 59.929 ng

RT: 16.95 min Scan# 2527

Delta R.T. 0.01 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Instrument :

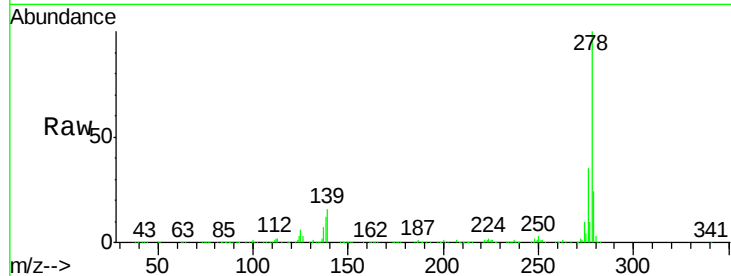
BNA_F

ClientSampleId :

RO-COMPMSD

Tot Ion:278 Resp: 1013833

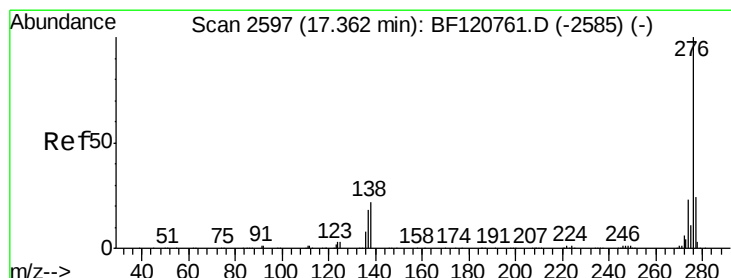
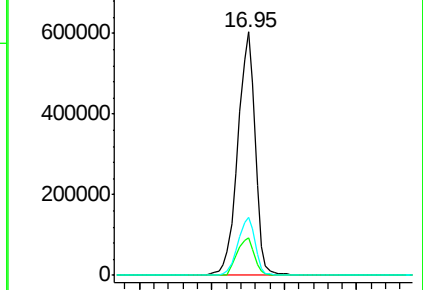
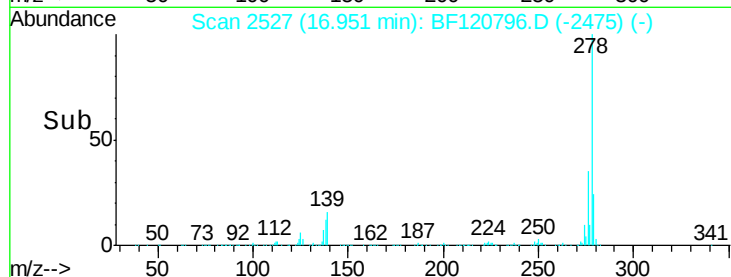
Ion	Ratio	Lower	Upper
278	100		
139	15.6	13.3	19.9
279	24.0	19.0	28.6



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: 60.052 ng

RT: 17.37 min Scan# 2598

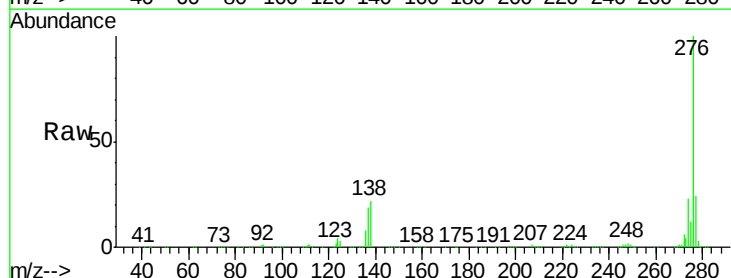
Delta R.T. 0.01 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Tgt Ion:276 Resp: 928482

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	22.2	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

