

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
 Data File : BF121096.D
 Acq On : 29 Jul 2020 12:06
 Operator : JU/CG
 Sample : PB130545BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BS

Quant Time: Jul 29 15:03:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	162613	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	596313	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	303494	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	563972	20.00	ng	0.00
76) Chrysene-d12	13.96	240	433103	20.00	ng	0.00
86) Perylene-d12	15.40	264	450935	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	770630	77.69	ng	0.01
7) Phenol-d6	6.45	99	930593	72.63	ng	0.00
23) Nitrobenzene-d5	7.37	82	859466	83.40	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	278290	83.77	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1530465	75.29	ng	0.00
79) Terphenyl-d14	12.91	244	1656842	83.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	156123	34.199	ng	99
3) Pyridine	3.33	79	369200	30.401	ng	96
4) n-Nitrosodimethylamine	3.27	42	194657	37.484	ng	98
6) Aniline	6.46	93	517285	30.928	ng	93
8) 2-Chlorophenol	6.59	128	432758	39.603	ng	97
9) Benzaldehyde	6.35	77	288141	49.351	ng	100
10) Phenol	6.46	94	512537	36.363	ng	100
11) bis(2-Chloroethyl)ether	6.54	93	411040	38.052	ng	99
12) 1,3-Dichlorobenzene	6.75	146	443764	37.451	ng	99
13) 1,4-Dichlorobenzene	6.82	146	443936	37.678	ng	98
14) 1,2-Dichlorobenzene	6.97	146	411707	36.936	ng	99
15) Benzyl Alcohol	6.95	79	328577	36.261	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	559488	35.934	ng	99
17) 2-Methylphenol	7.06	107	338418	34.941	ng	99
18) Hexachloroethane	7.32	117	166698	39.089	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	258021	35.413	ng	100
20) 3+4-Methylphenols	7.22	107	385799	31.313	ng	97
22) Acetophenone	7.21	105	537619	40.172	ng	96
24) Nitrobenzene	7.39	77	425543	38.312	ng	98
25) Isophorone	7.63	82	780519	37.949	ng	98
26) 2-Nitrophenol	7.70	139	230626	43.718	ng	96
27) 2,4-Dimethylphenol	7.75	122	370121	43.213	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	504041	40.147	ng	100
29) 2,4-Dichlorophenol	7.95	162	345114	39.432	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	380954	39.232	ng	100
31) Naphthalene	8.11	128	1193249	39.010	ng	100
32) Benzoic acid	7.87	122	237753	36.979	ng	97
33) 4-Chloroaniline	8.16	127	377020	27.630	ng	99
34) Hexachlorobutadiene	8.23	225	221119	38.629	ng	100
35) Caprolactam	8.56	113	41284	14.709	ng	91
36) 4-Chloro-3-methylphenol	8.65	107	354517	39.495	ng	96
37) 2-Methylnaphthalene	8.80	142	798094	40.184	ng	100
38) 1-Methylnaphthalene	8.90	142	744141	39.560	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	358460	40.538	ng	99

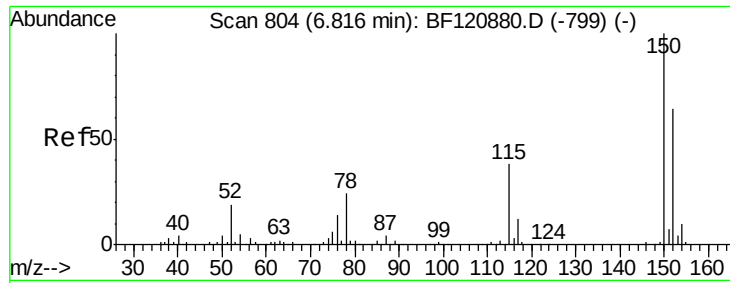
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
 Data File : BF121096.D
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 Operator : JU/CG
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	423606	86.679	ng	99
43) 2,4,6-Trichlorophenol	9.08	196	255898	41.102	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	266402	37.722	ng	98
46) 1,1'-Biphenyl	9.26	154	954295	41.221	ng	99
47) 2-Chloronaphthalene	9.29	162	728954	38.621	ng	98
48) 2-Nitroaniline	9.38	65	223379	39.161	ng	96
49) Acenaphthylene	9.70	152	1176466	40.122	ng	99
50) Dimethylphthalate	9.56	163	851611	38.895	ng	99
51) 2,6-Dinitrotoluene	9.63	165	192588	40.942	ng	92
52) Acenaphthene	9.87	154	692667	37.156	ng	99
53) 3-Nitroaniline	9.79	138	153088	25.949	ng	98
54) 2,4-Dinitrophenol	9.90	184	185600	69.526	ng	98
55) Dibenzofuran	10.05	168	1036695	38.455	ng	99
56) 4-Nitrophenol	9.97	139	333108	74.329	ng	95
57) 2,4-Dinitrotoluene	10.03	165	254608	41.217	ng	91
58) Fluorene	10.39	166	755199	37.560	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	225812	41.995	ng	98
60) Diethylphthalate	10.26	149	850679	38.411	ng	100
61) 4-Chlorophenyl-phenylether	10.38	204	374155	34.889	ng	98
62) 4-Nitroaniline	10.41	138	209421	36.441	ng	99
63) Azobenzene	10.54	77	802627	38.068	ng	99
65) 4,6-Dinitro-2-methylphenol	10.43	198	129321	40.291	ng	93
66) n-Nitrosodiphenylamine	10.50	169	719828	40.573	ng	100
67) 4-Bromophenyl-phenylether	10.87	248	246146	39.146	ng	97
68) Hexachlorobenzene	10.93	284	280466	41.234	ng	# 92
69) Atrazine	11.03	200	201407	45.839	ng	97
70) Pentachlorophenol	11.13	266	312917	80.304	ng	98
71) Phenanthrene	11.35	178	1138212	39.242	ng	100
72) Anthracene	11.40	178	1193422	40.975	ng	100
73) Carbazole	11.56	167	1085724	37.563	ng	100
74) Di-n-butylphthalate	11.89	149	1348113	40.416	ng	99
75) Fluoranthene	12.53	202	1263413	39.297	ng	98
77) Benzidine	12.66	184	816402	71.696	ng	99
78) Pyrene	12.76	202	1278785	41.762	ng	100
80) Butylbenzylphthalate	13.38	149	578093	42.350	ng	94
81) Benzo(a)anthracene	13.95	228	1043884	39.803	ng	100
82) 3,3'-Dichlorobenzidine	13.92	252	321142	32.457	ng	99
83) Chrysene	13.99	228	1095615	39.752	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	740179	43.974	ng	100
85) Di-n-octyl phthalate	14.55	149	1399110	41.779	ng	98
87) Indeno(1,2,3-cd)pyrene	16.83	276	1232891	39.313	ng	99
88) Benzo(b)fluoranthene	14.99	252	1081173	39.665	ng	99
89) Benzo(k)fluoranthene	15.02	252	1080888	43.481	ng	99
90) Benzo(a)pyrene	15.34	252	1002807	40.324	ng	98
91) Dibenzo(a,h)anthracene	16.84	278	1022777	39.925	ng	99
92) Benzo(g,h,i)perylene	17.26	276	1041829	41.247	ng	99

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

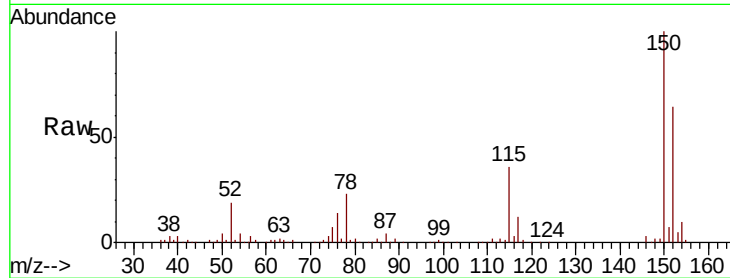


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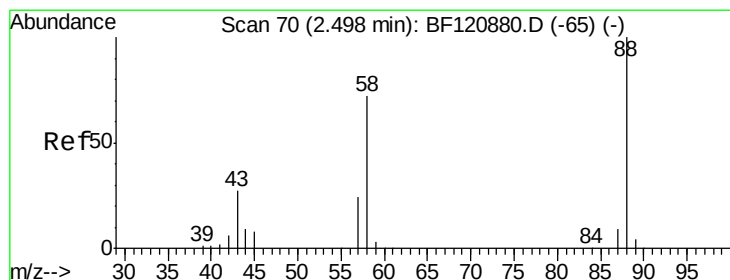
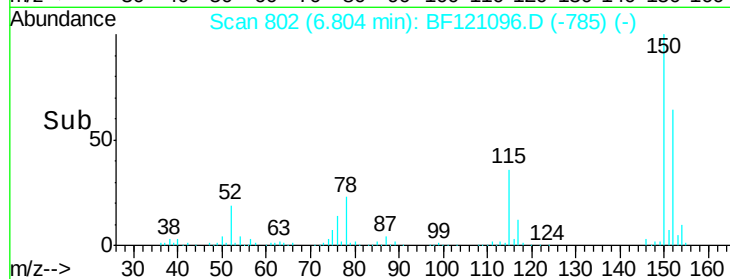
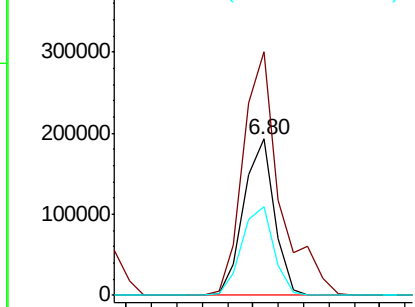
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB130545BS

Tot Ion:152 Resp: 162613
Ion Ratio Lower Upper
152 100
150 155.6 125.6 188.4
115 56.7 46.2 69.2



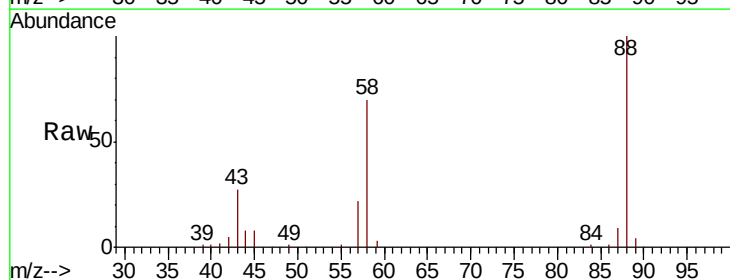
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



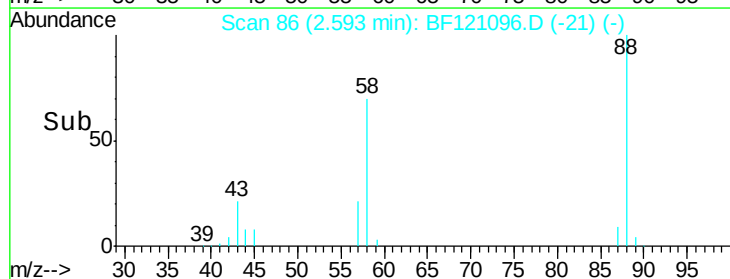
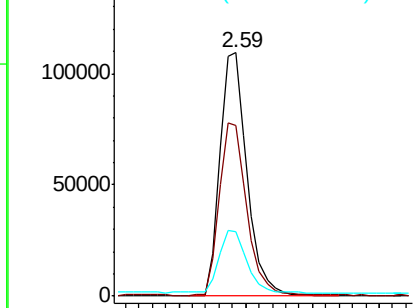
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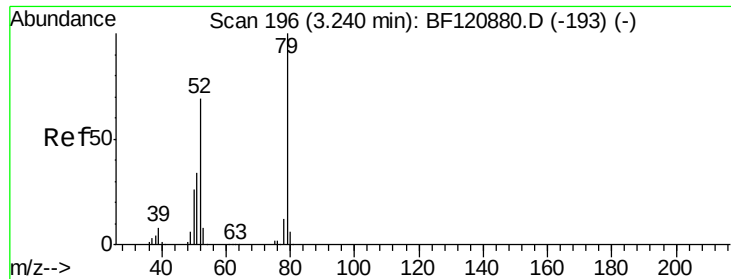
1,4-Dioxane
Concen: 34.199 ng
RT: 2.59 min Scan# 86
Delta R.T. 0.08 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Tgt Ion: 88 Resp: 156123
Ion Ratio Lower Upper
88 100
58 71.6 58.2 87.4
43 27.3 21.3 31.9



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

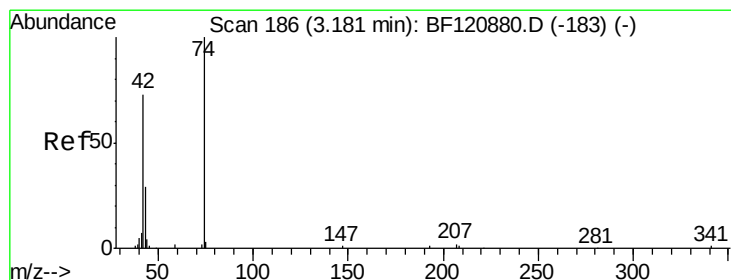
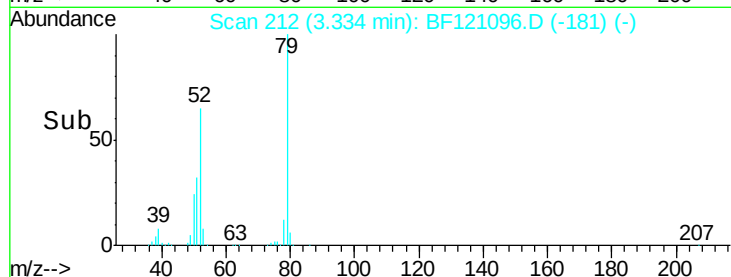
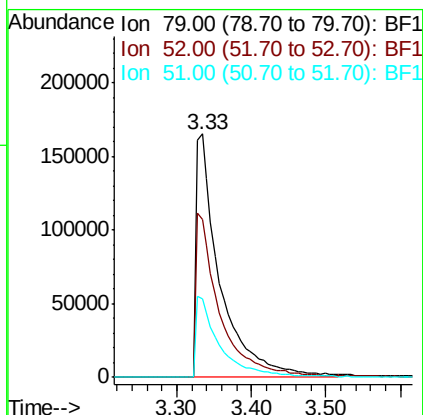
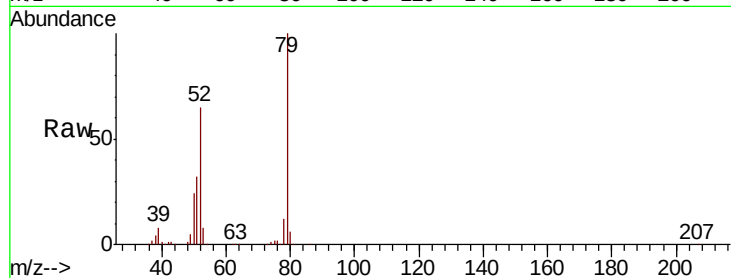




#3
 Pvridine
 Concen: 30.401 ng
 RT: 3.33 min Scan# 212
 Delta R.T. 0.08 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

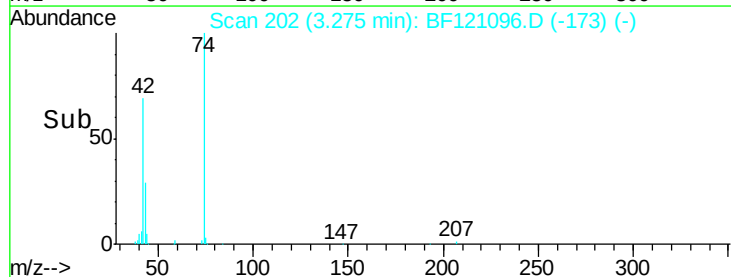
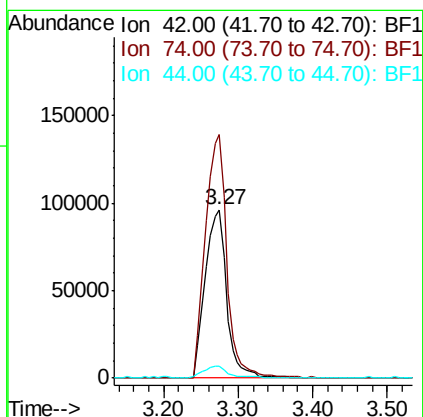
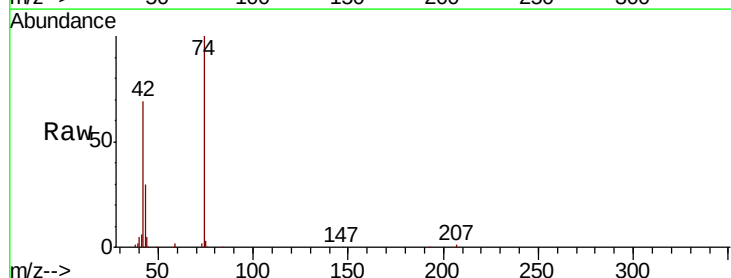
Instrument :
 BNA_F
 ClientSampleId :
 PB130545BS

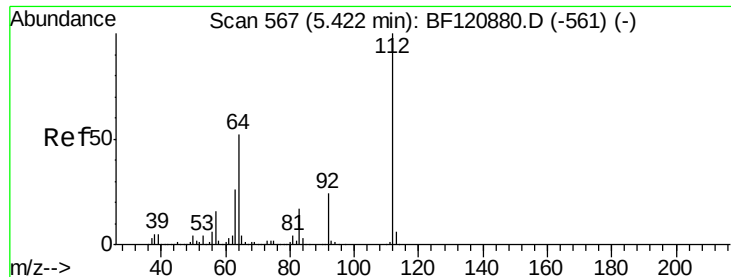
Tot Ion: 79 Resp: 369200
 Ion Ratio Lower Upper
 79 100
 52 65.0 54.9 82.3
 51 32.4 27.4 41.0



#4
 n-Nitrosodimethylamine
 Concen: 37.484 ng
 RT: 3.27 min Scan# 202
 Delta R.T. 0.07 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

Tgt Ion: 42 Resp: 194657
 Ion Ratio Lower Upper
 42 100
 74 144.6 117.3 175.9
 44 7.3 5.9 8.9





#5

2-Fluorophenol

Concen: 77.690 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB130545BS

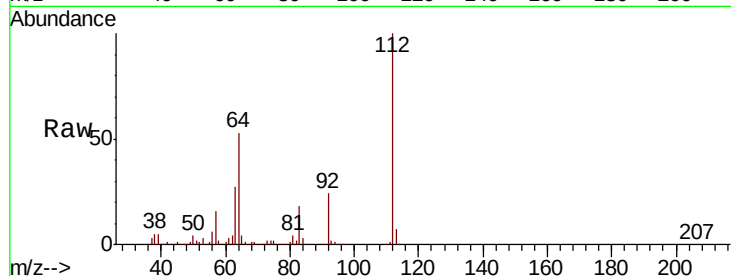
Tot Ion:112 Resp: 770630

Ion Ratio Lower Upper

112 100

64 52.8 43.9 65.9

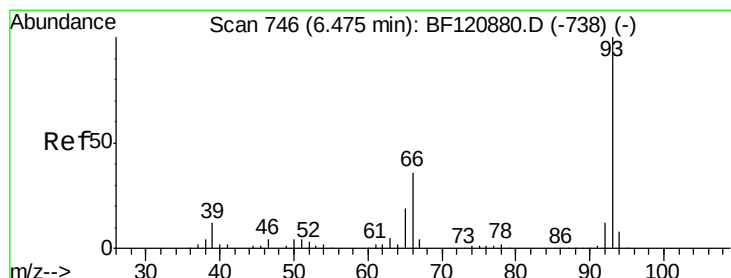
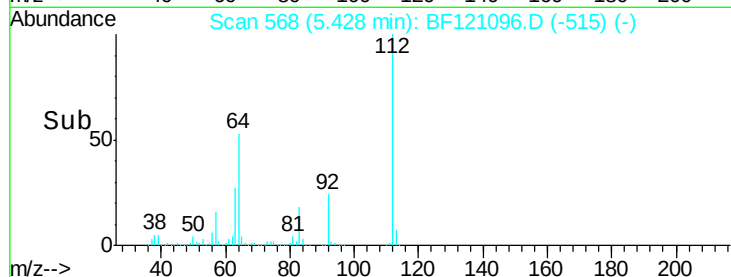
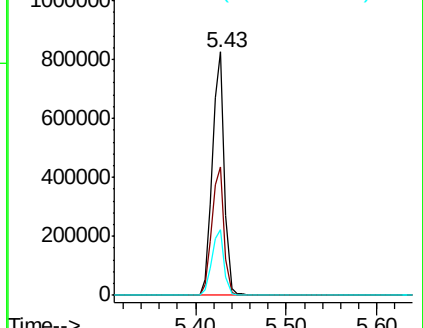
63 27.1 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.928 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

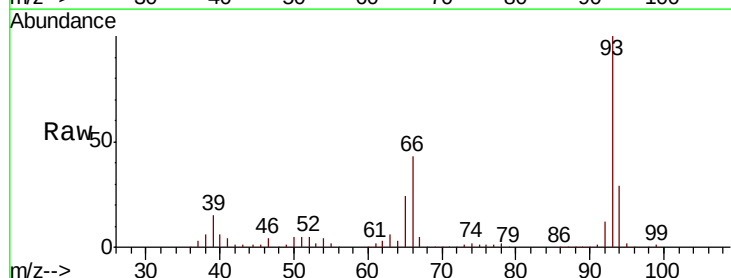
Tgt Ion: 93 Resp: 517285

Ion Ratio Lower Upper

93 100

66 43.1 31.0 46.4

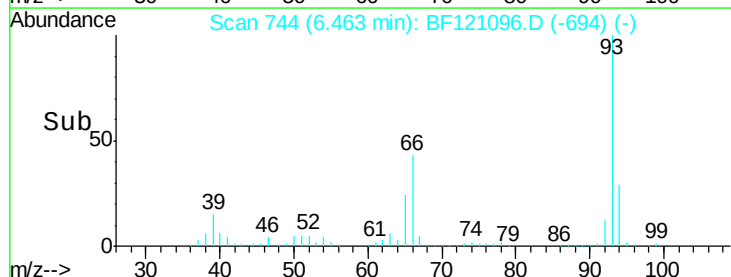
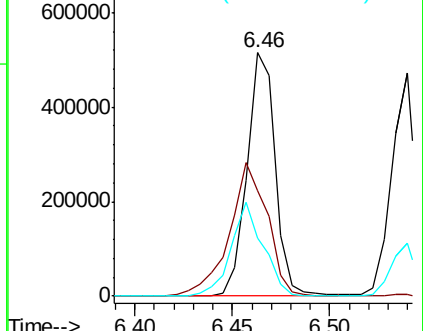
65 24.1 16.2 24.4

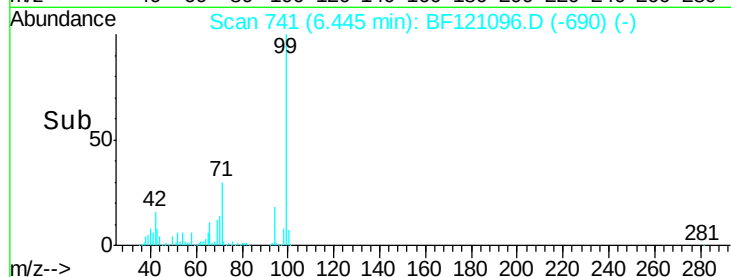
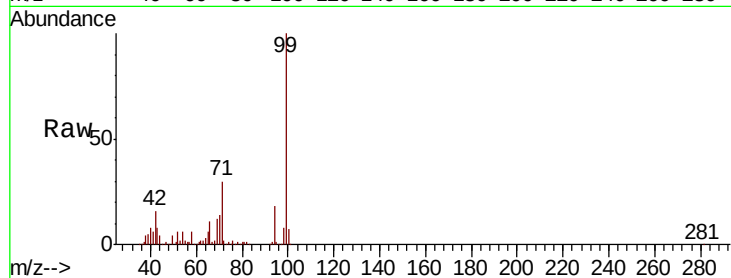
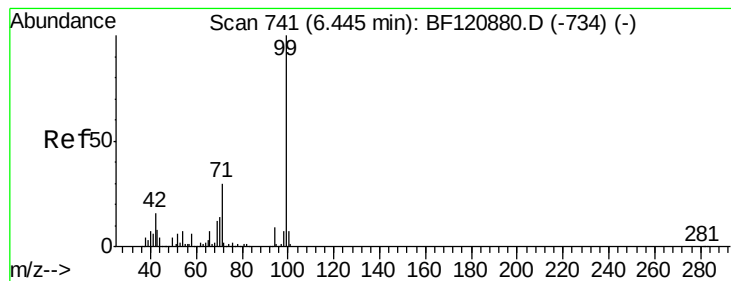


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 72.627 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB130545BS

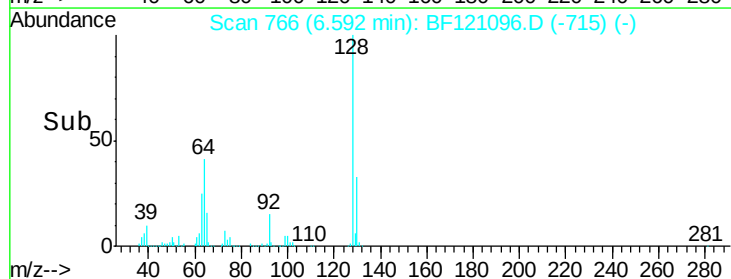
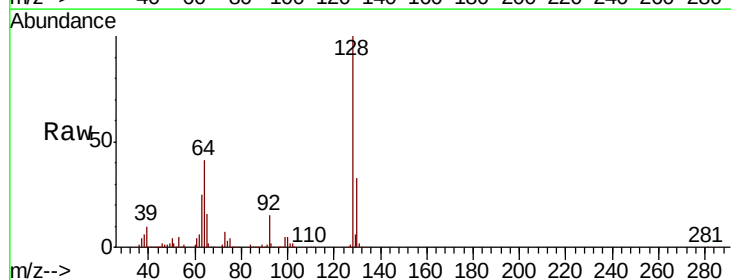
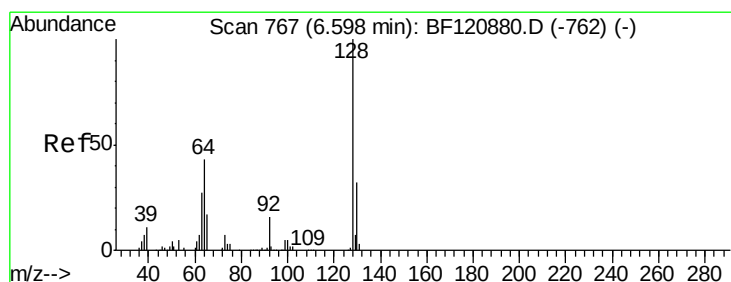
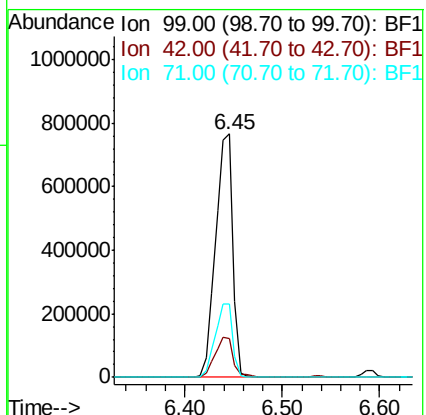
Tot Ion: 99 Resp: 930593

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

71 30.0 25.0 37.4



#8

2-Chlorophenol

Concen: 39.603 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

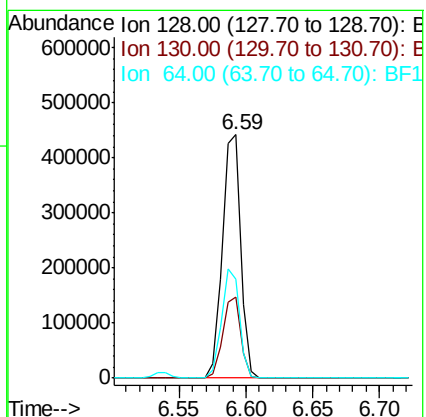
Tgt Ion: 128 Resp: 432758

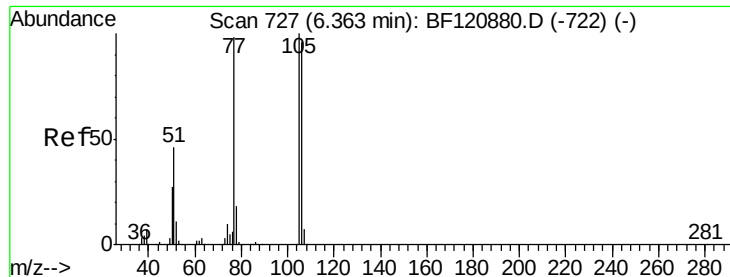
Ion Ratio Lower Upper

128 100

130 33.2 12.7 52.7

64 40.7 23.8 63.8





#9

Benzaldehyde

Concen: 49.351 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB130545BS

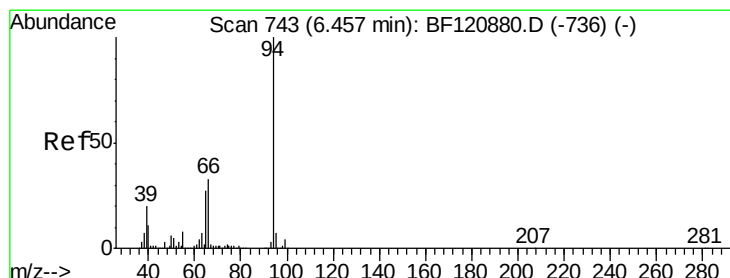
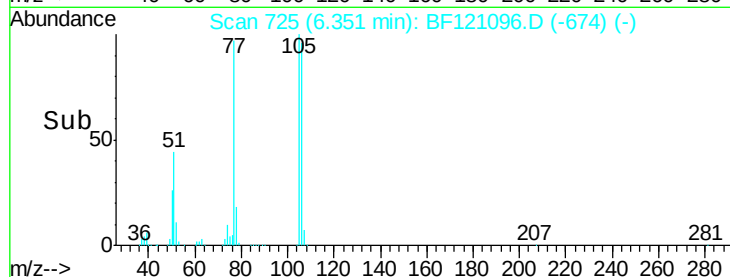
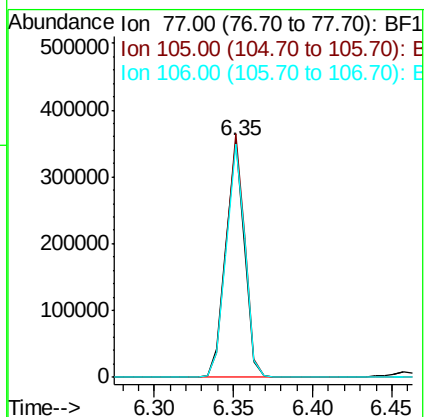
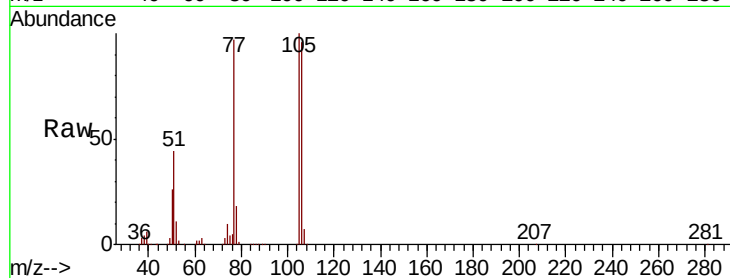
Tot Ion: 77 Resp: 288141

Ion Ratio Lower Upper

77 100

105 102.7 82.4 122.4

106 98.5 78.9 118.9



#10

Phenol

Concen: 36.363 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

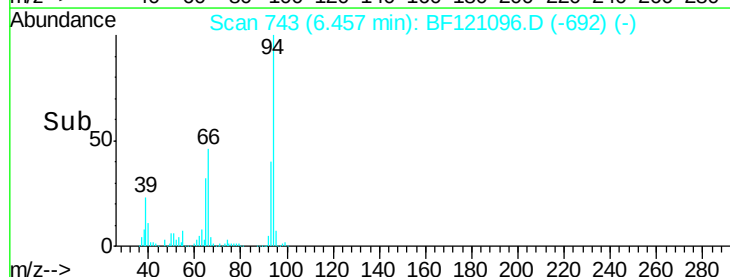
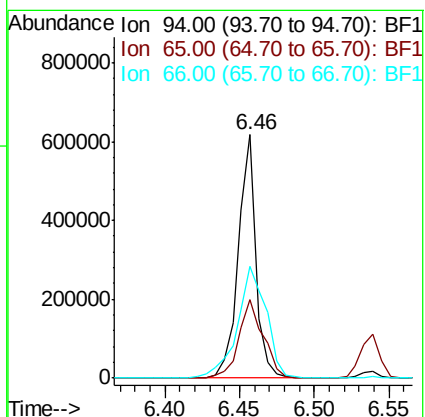
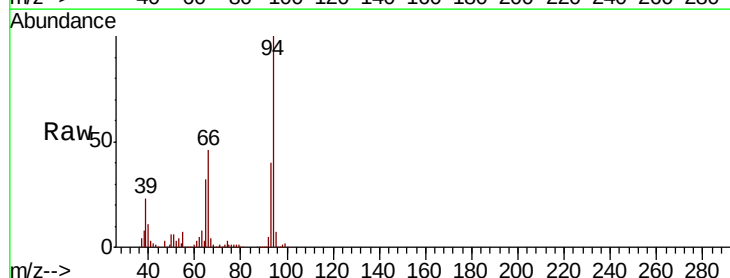
Tgt Ion: 94 Resp: 512537

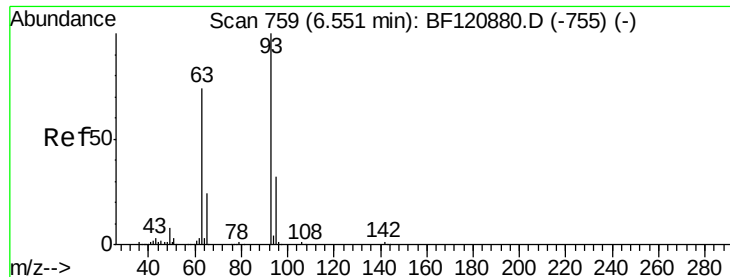
Ion Ratio Lower Upper

94 100

65 32.3 12.6 52.6

66 45.7 25.6 65.6

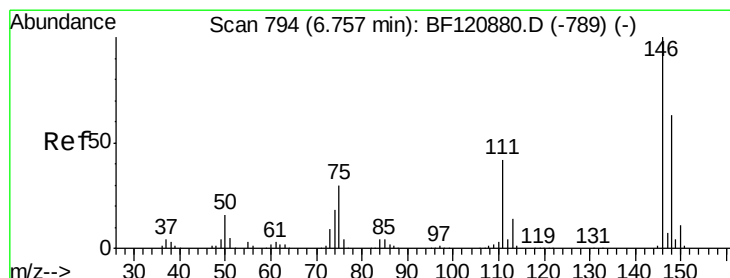
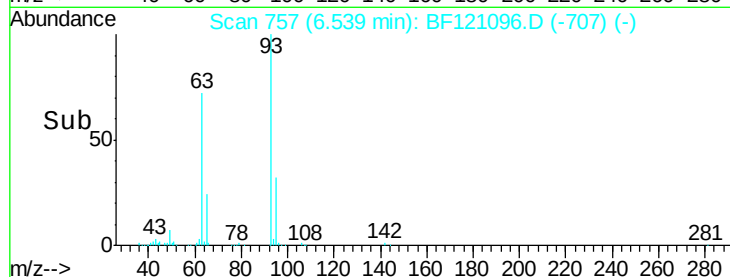
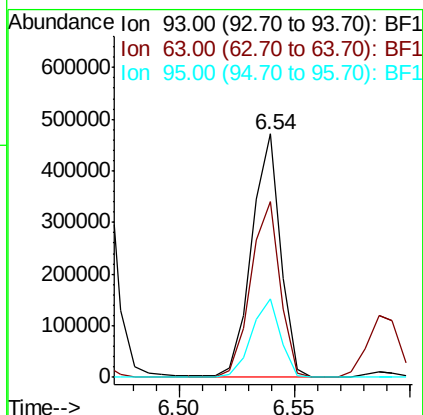
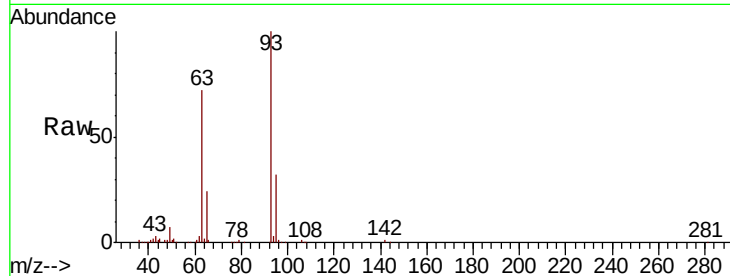




#11
bis(2-Chloroethyl)ether
Concen: 38.052 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

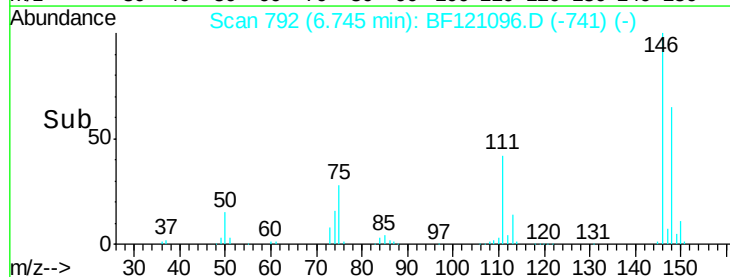
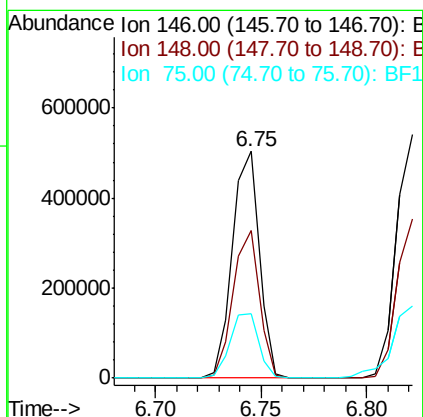
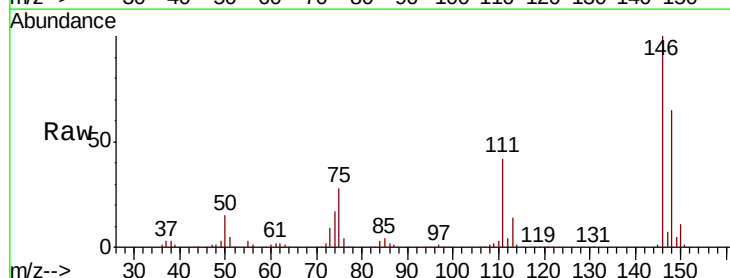
Instrument :
BNA_F
ClientSampleId :
PB130545BS

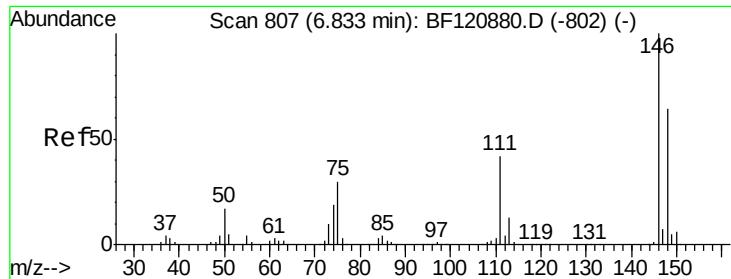
Tot Ion: 93 Resp: 411040
Ion Ratio Lower Upper
93 100
63 72.2 51.9 91.9
95 32.4 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 37.451 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Tgt Ion: 146 Resp: 443764
Ion Ratio Lower Upper
146 100
148 65.2 51.7 77.5
75 28.4 23.8 35.6

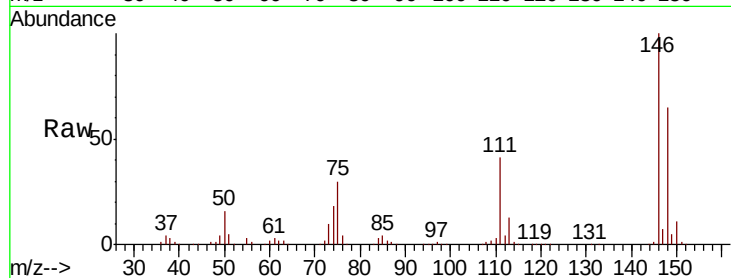




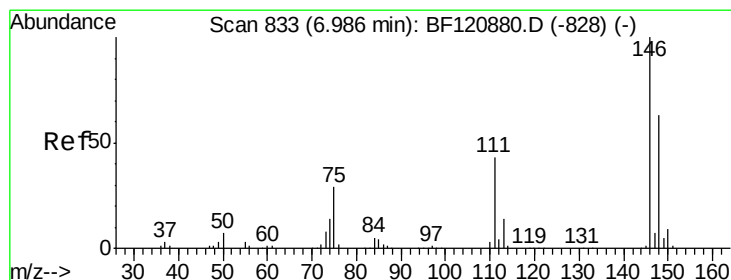
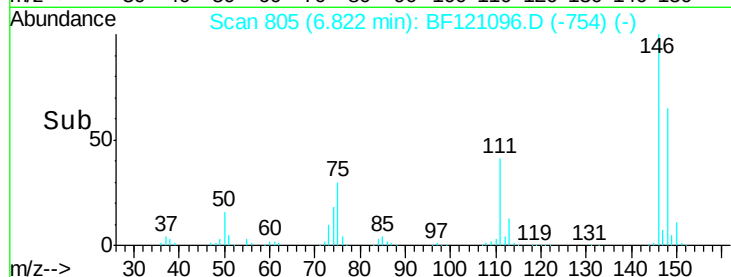
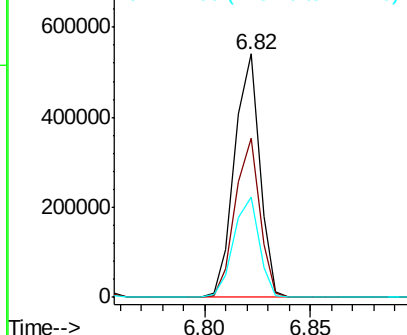
#13
 1,4-Dichlorobenzene
 Concen: 37.678 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BS

Tot Ion:146 Resp: 443936
 Ion Ratio Lower Upper
 146 100
 148 65.5 50.5 75.7
 111 41.1 32.8 49.2

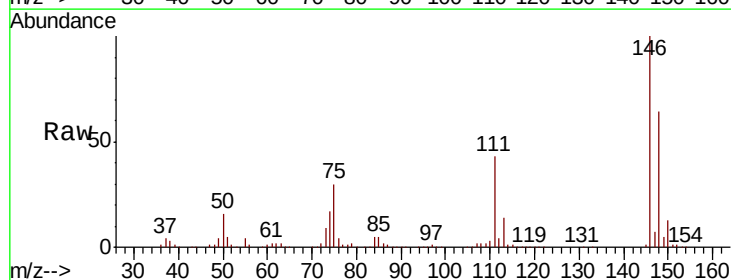


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

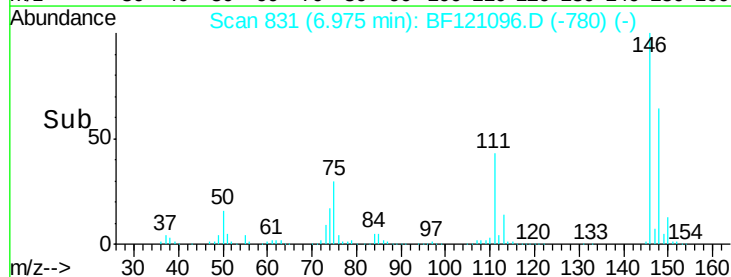
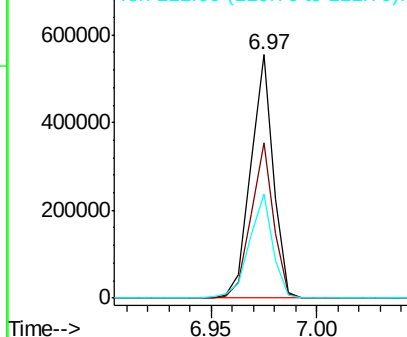


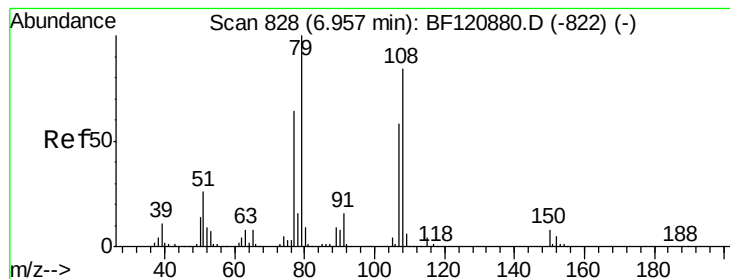
#14
 1,2-Dichlorobenzene
 Concen: 36.936 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

Tgt Ion:146 Resp: 411707
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.8 76.2
 111 42.9 35.4 53.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.261 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB130545BS

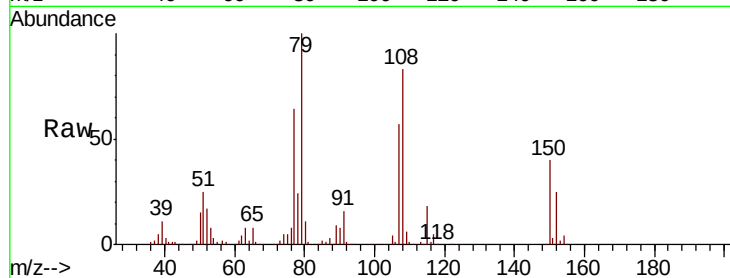
Tot Ion: 79 Resp: 328577

Ion Ratio Lower Upper

79 100

108 82.9 68.6 103.0

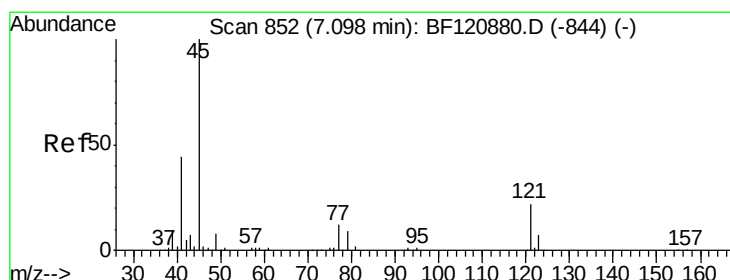
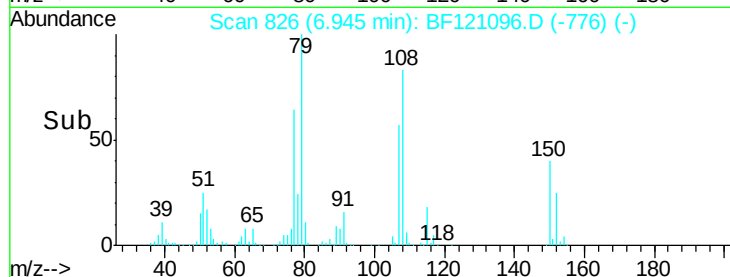
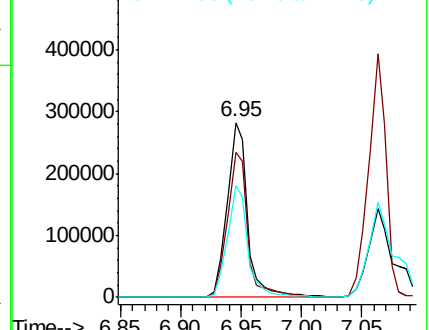
77 63.7 51.4 77.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.934 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

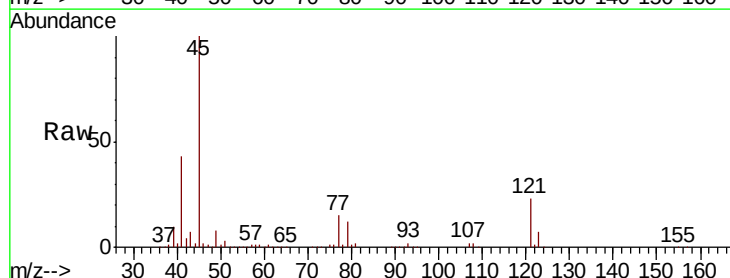
Tgt Ion: 45 Resp: 559488

Ion Ratio Lower Upper

45 100

77 15.1 0.0 34.7

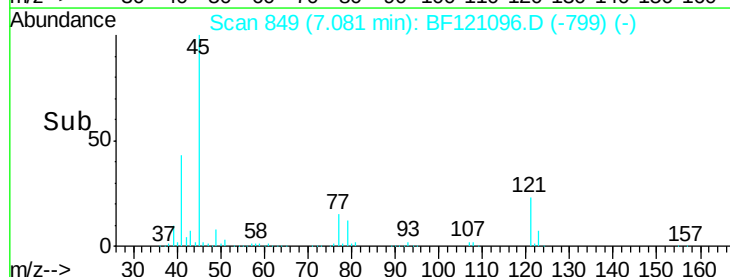
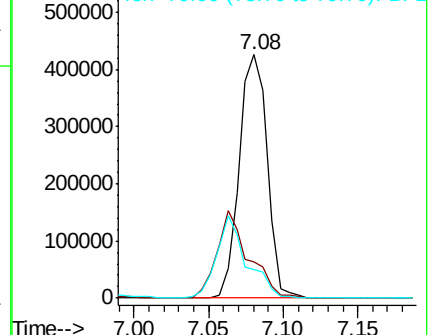
79 11.6 0.0 32.0

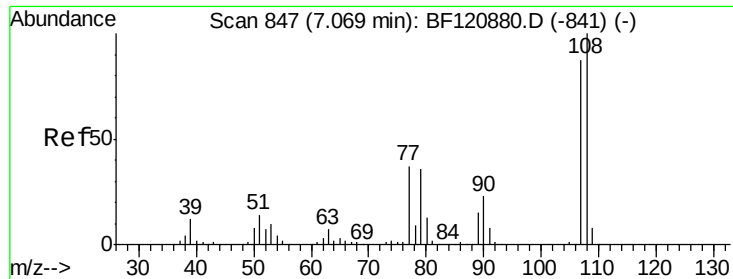


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 34.941 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB130545BS

Tot Ion:107 Resp: 338418

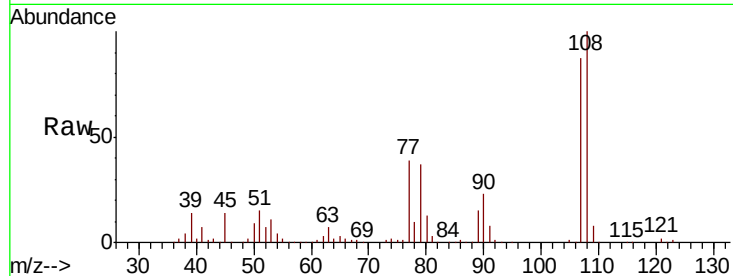
Ion Ratio Lower Upper

107 100

108 115.4 91.2 136.8

77 45.0 36.5 54.7

79 42.3 35.0 52.6

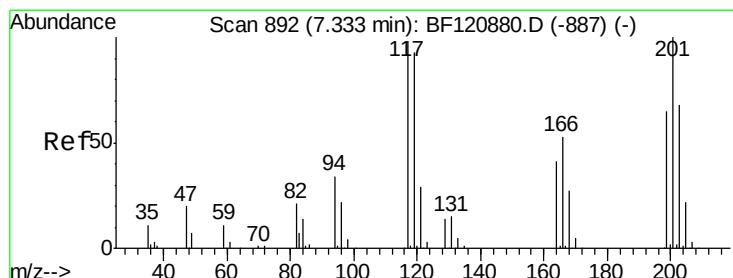
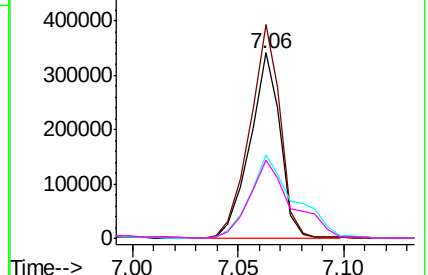
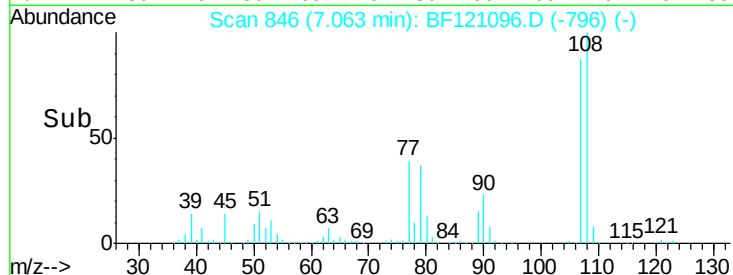


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.089 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

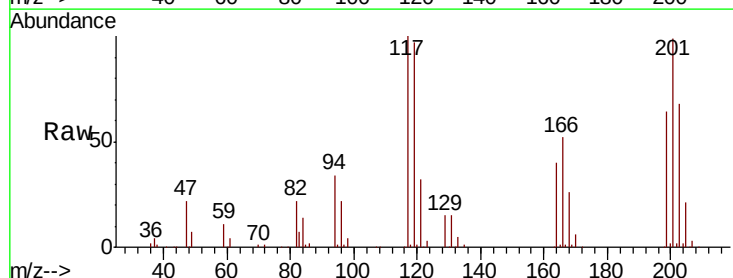
Tgt Ion:117 Resp: 166698

Ion Ratio Lower Upper

117 100

119 96.5 76.6 114.8

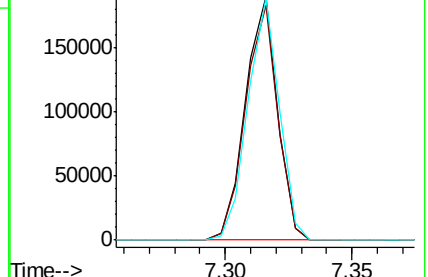
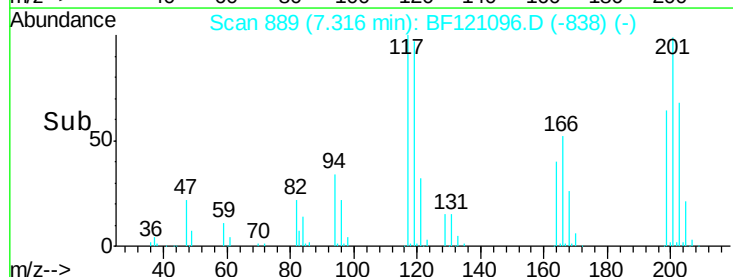
201 99.4 75.0 112.4

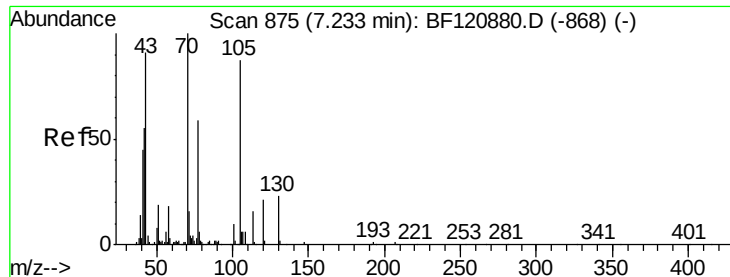


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

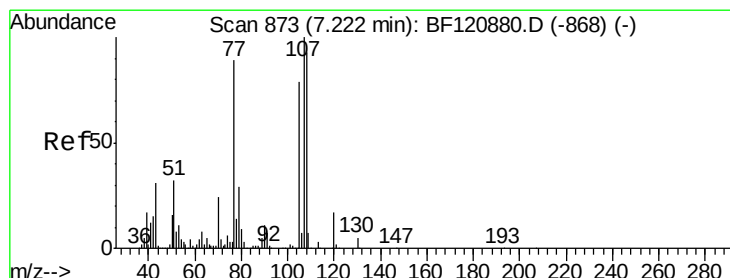
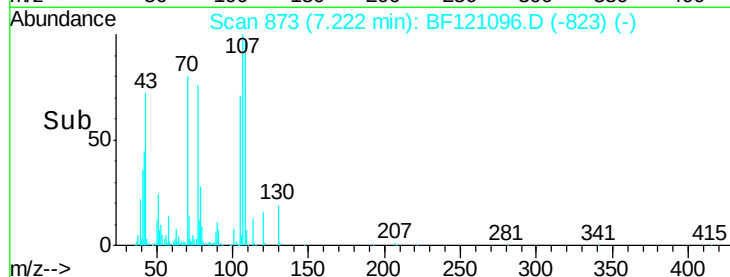
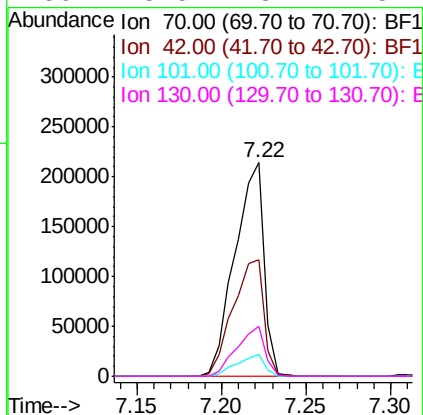
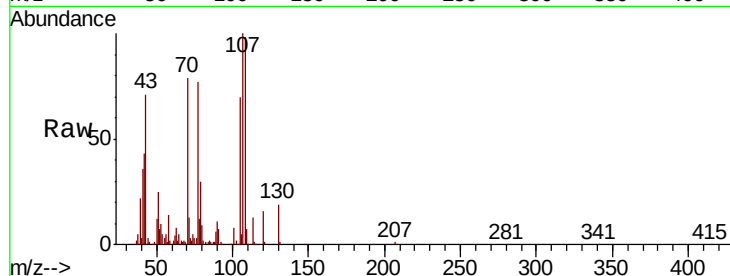




#19
n-Nitroso-di-n-propylamine
Concen: 35.413 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

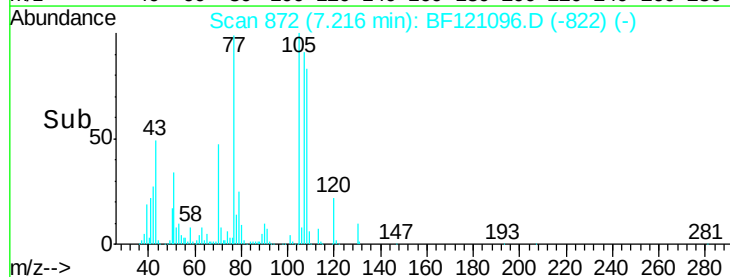
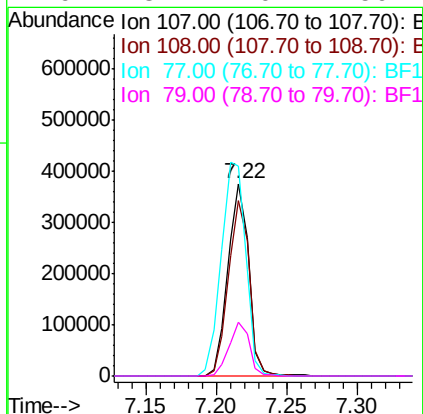
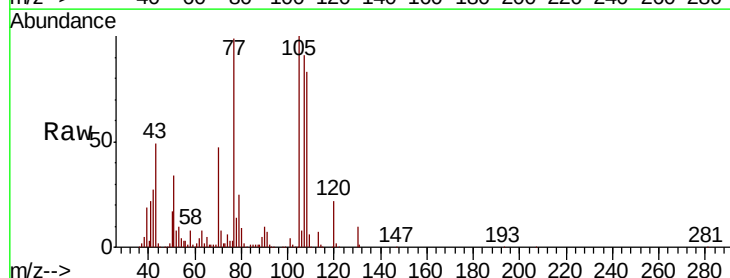
Instrument :
BNA_F
ClientSampleId :
PB130545BS

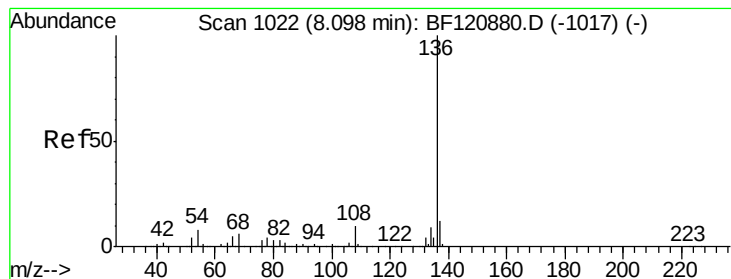
Tot Ion:	70	Resp:	258021
Ion	Ratio	Lower	Upper
70	100		
42	54.3	43.3	64.9
101	10.0	8.4	12.6
130	23.5	18.7	28.1



#20
3+4-Methylphenols
Concen: 31.313 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Tgt Ion:	107	Resp:	385799
Ion	Ratio	Lower	Upper
107	100		
108	91.3	73.7	113.7
77	108.8	84.9	124.9
79	28.1	10.7	50.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB130545BS

Tot Ion:136 Resp: 596313

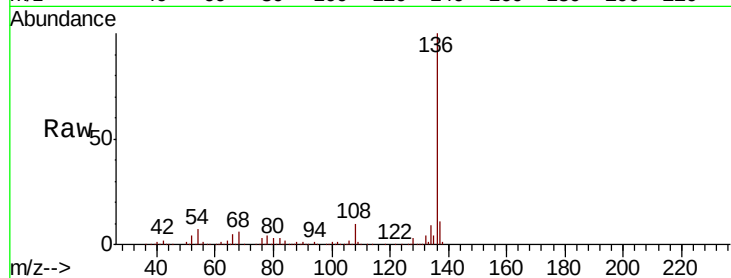
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.3 6.1 9.1

68 5.7 5.0 7.6

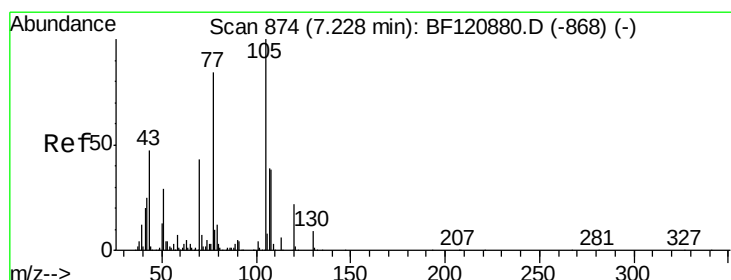
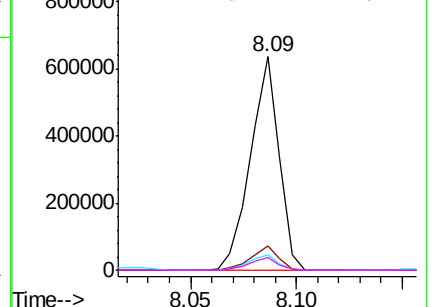
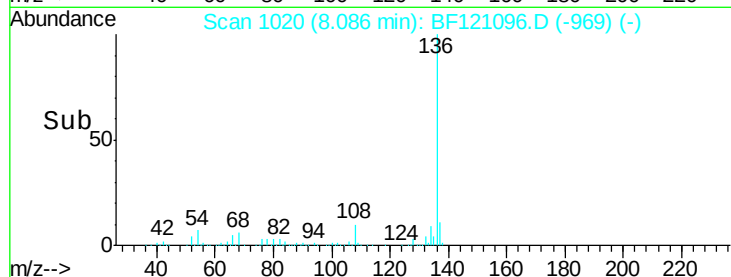


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.172 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Tgt Ion:105 Resp: 537619

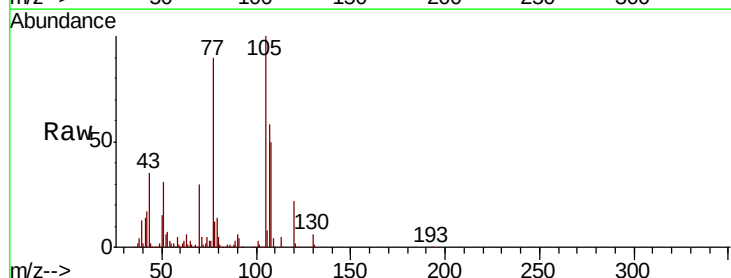
Ion Ratio Lower Upper

105 100

71 4.9 3.8 5.8

51 31.1 28.0 42.0

120 22.0 17.8 26.6

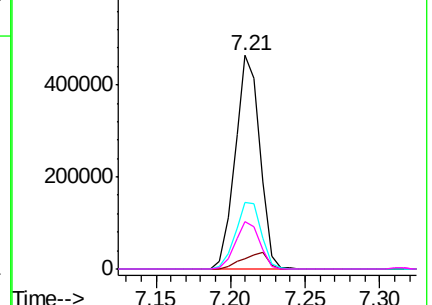
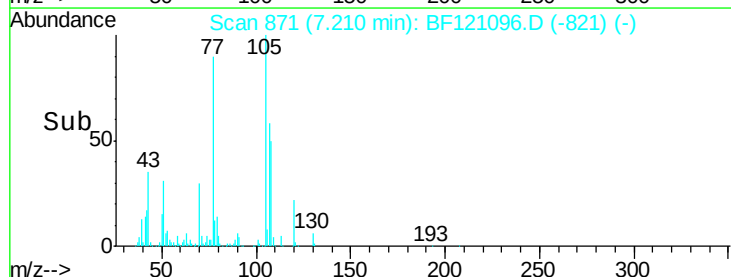


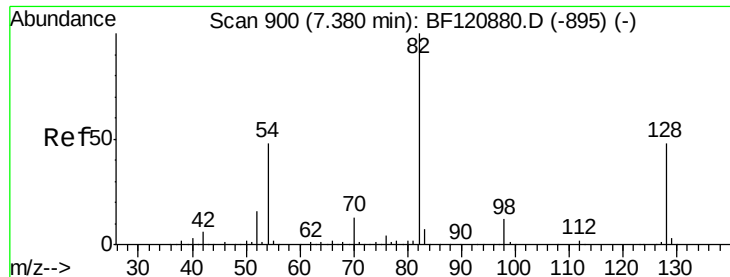
Abundance Ion 105.00 (104.70 to 105.70): E

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

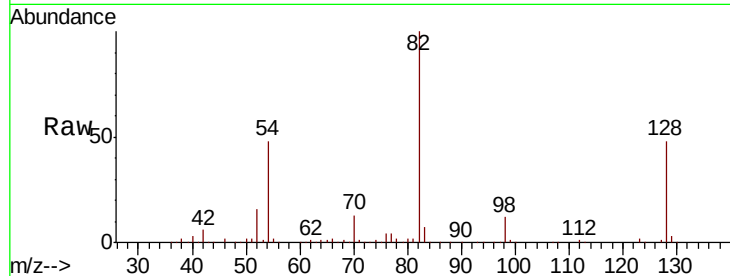




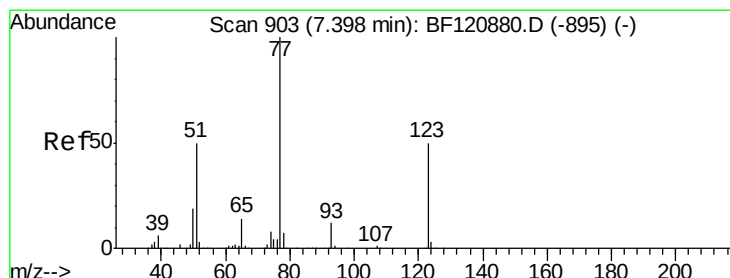
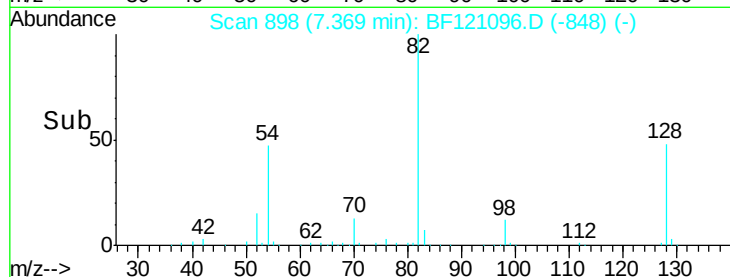
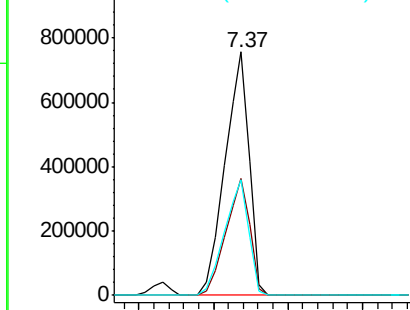
#23
 Nitrobenzene-d5
 Concen: 83.398 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BS

Tot Ion	82	Resp	859466
Ion Ratio	Lower	Upper	
82	100		
128	48.1	39.2	58.8
54	47.5	37.8	56.8

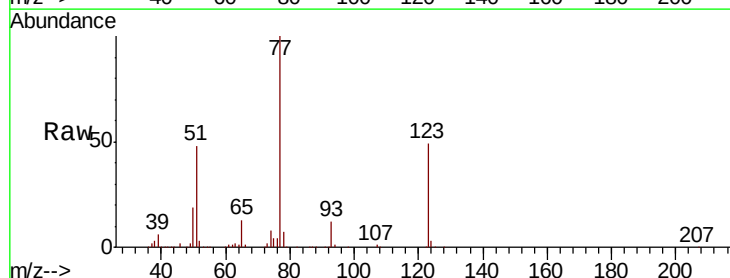


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

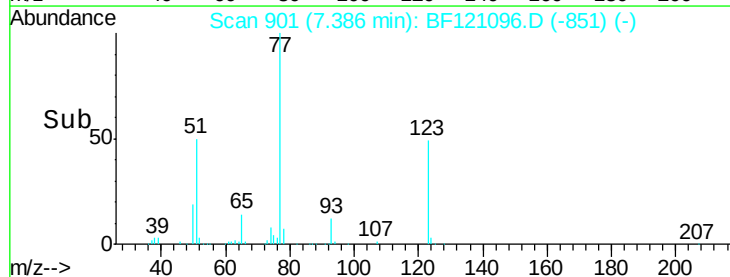
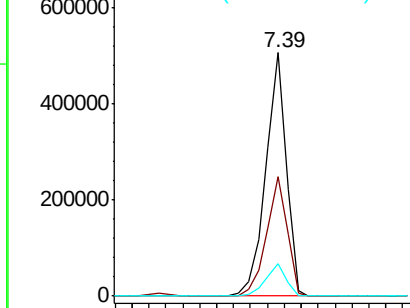


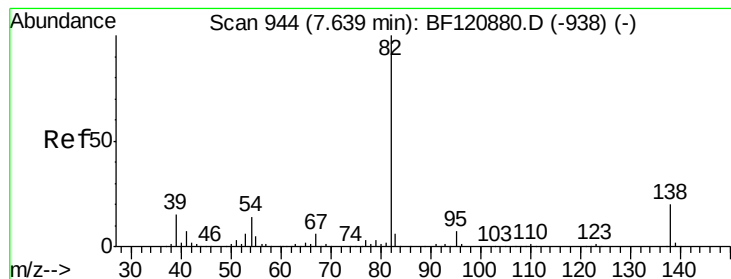
#24
 Nitrobenzene
 Concen: 38.312 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

Tgt Ion	77	Resp	425543
Ion Ratio	Lower	Upper	
77	100		
123	49.3	41.0	61.6
65	13.2	10.3	15.5



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: 37.949 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB130545BS

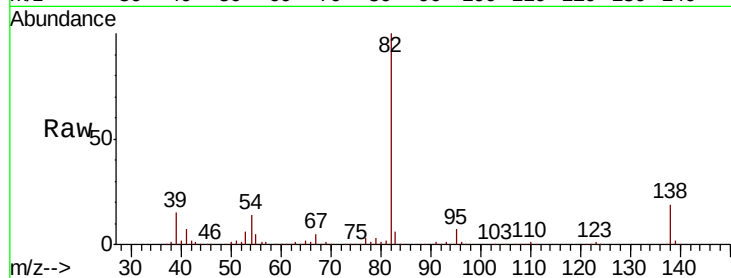
Tot Ion: 82 Resp: 780519

Ion Ratio Lower Upper

82 100

95 7.1 5.5 8.3

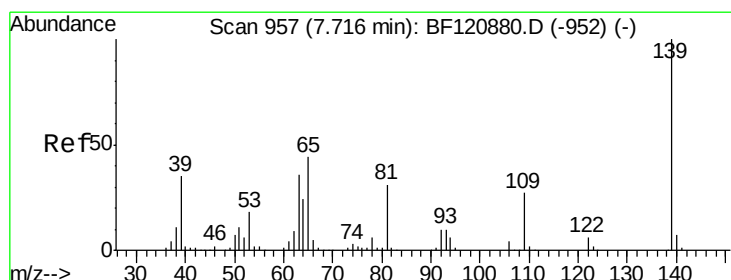
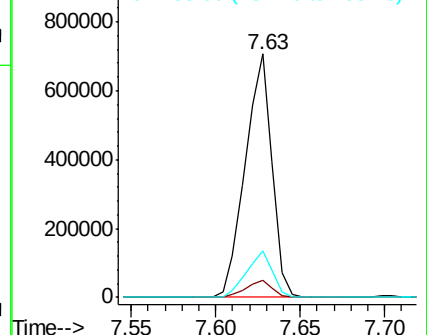
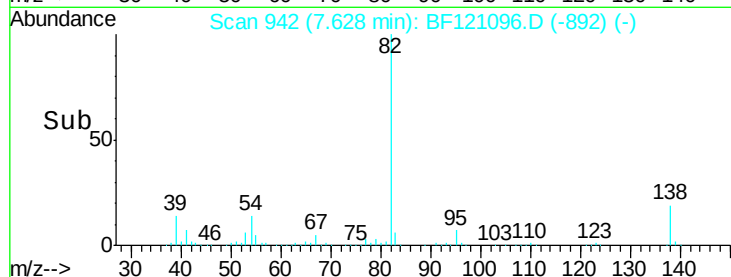
138 19.0 16.2 24.2



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: 43.718 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

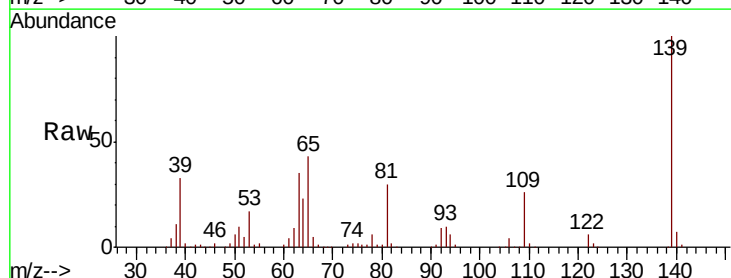
Tgt Ion: 139 Resp: 230626

Ion Ratio Lower Upper

139 100

109 25.7 21.7 32.5

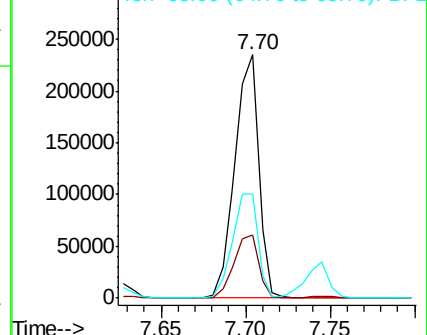
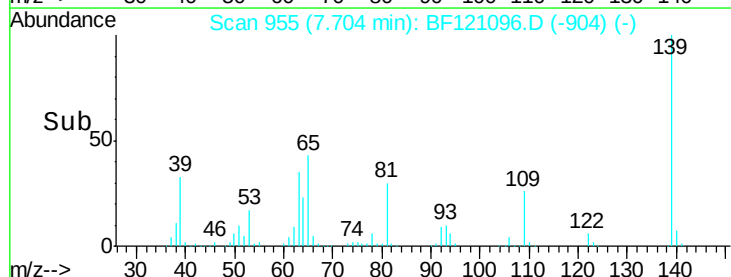
65 42.8 36.3 54.5

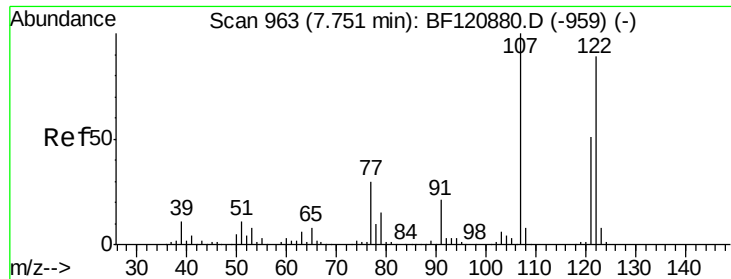


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 43.213 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB130545BS

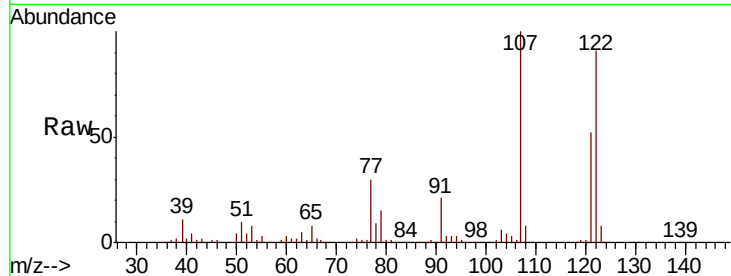
Tot Ion:122 Resp: 370121

Ion Ratio Lower Upper

122 100

107 110.0 87.1 130.7

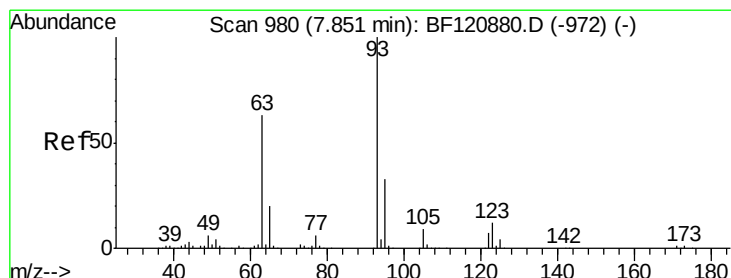
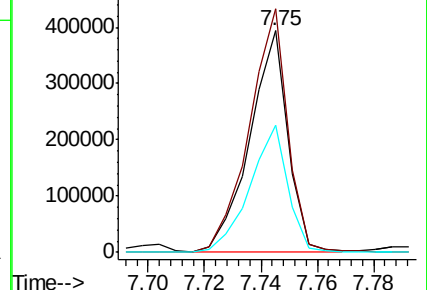
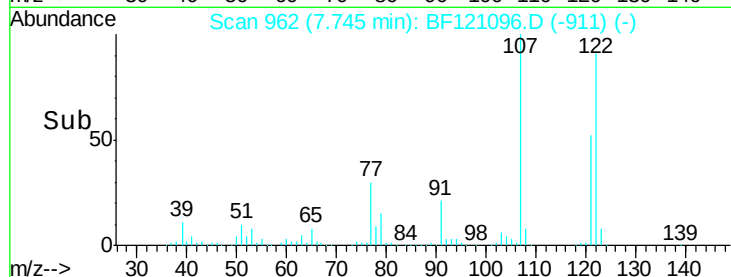
121 57.5 45.5 68.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.147 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

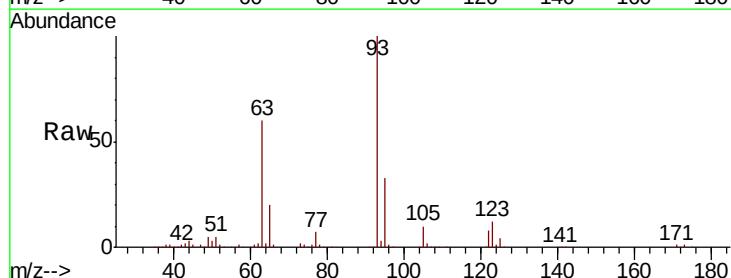
Tgt Ion: 93 Resp: 504041

Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.4

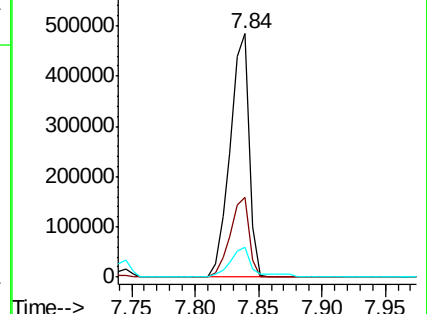
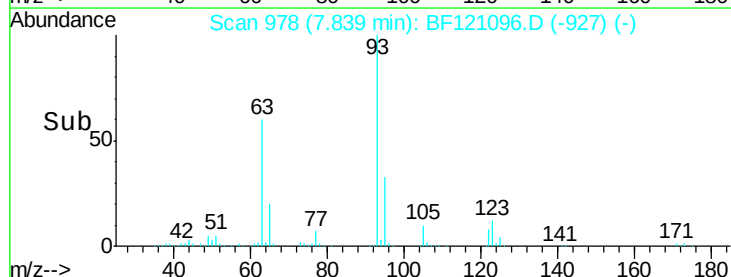
123 12.3 9.5 14.3

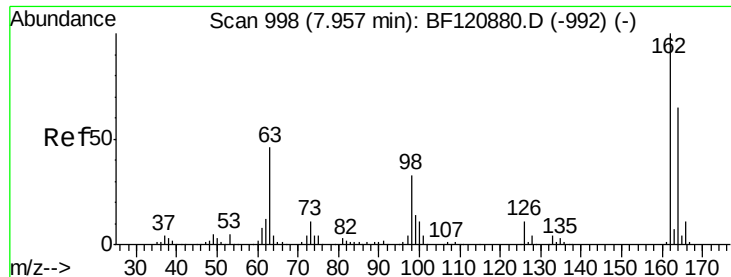


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

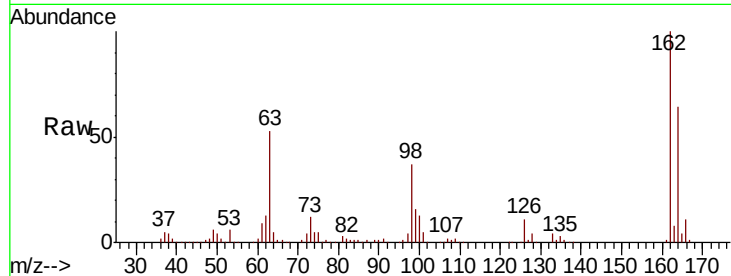




#29
2,4-Dichlorophenol
Concen: 39.432 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Instrument :
BNA_F
ClientSampleID :
PB130545BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.7	84.7
98	36.8	14.2	54.2

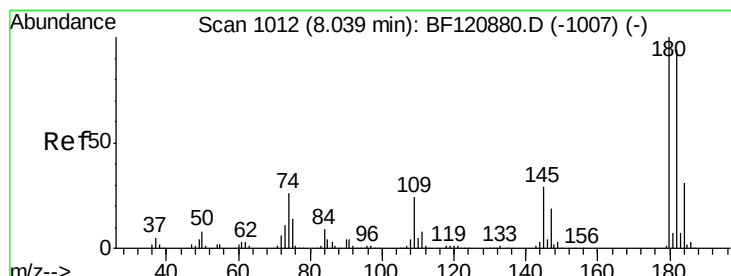
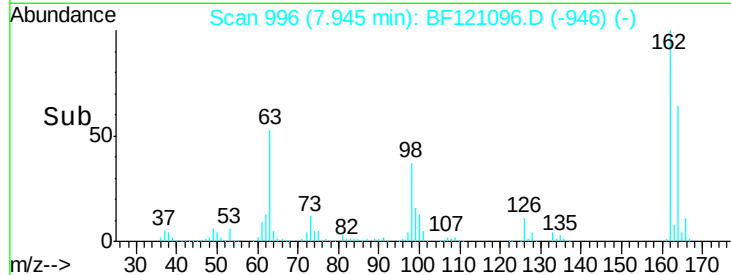
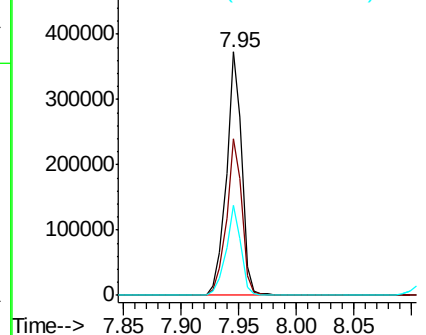


Abundance

Ion 162.00 (161.70 to 162.70): E

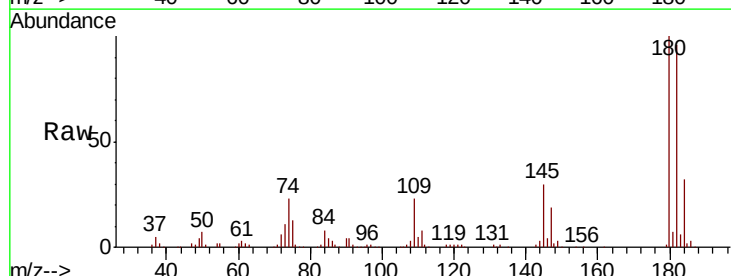
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 39.232 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.4	114.6
145	29.7	24.2	36.4

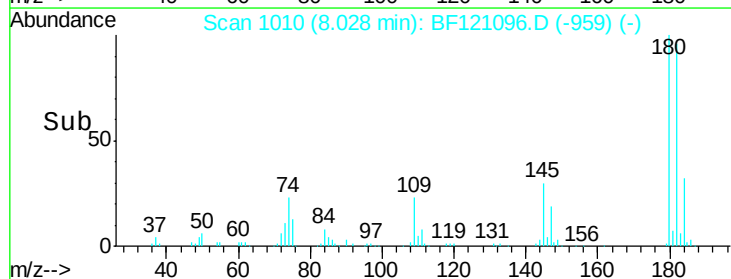
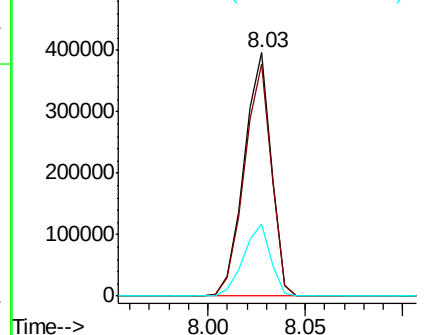


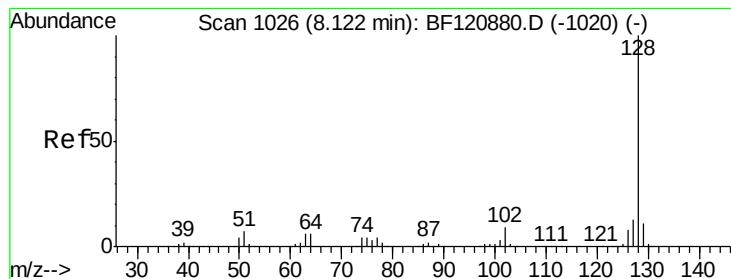
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.010 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB130545BS

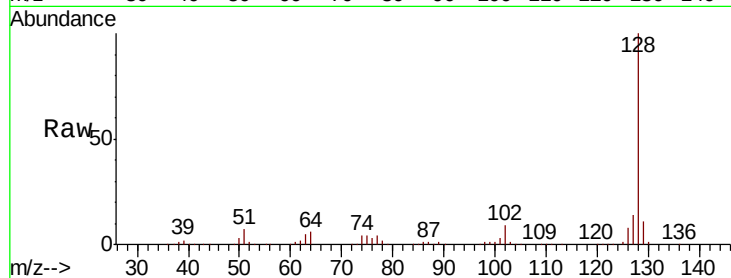
Tot Ion:128 Resp: 1193249

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

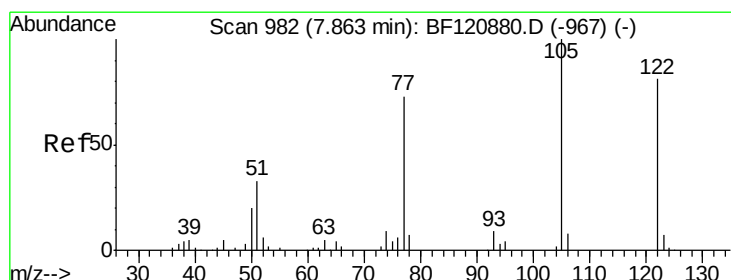
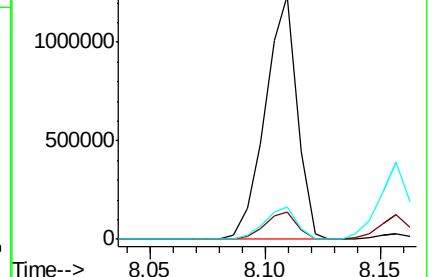
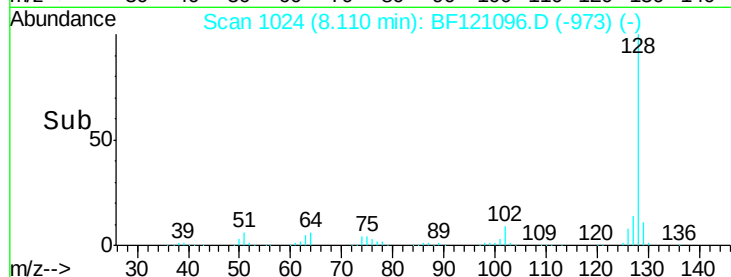
127 13.5 10.8 16.2



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: 36.979 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

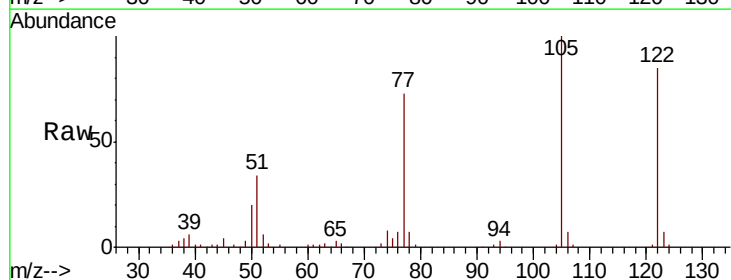
Tgt Ion:122 Resp: 237753

Ion Ratio Lower Upper

122 100

105 117.3 100.9 140.9

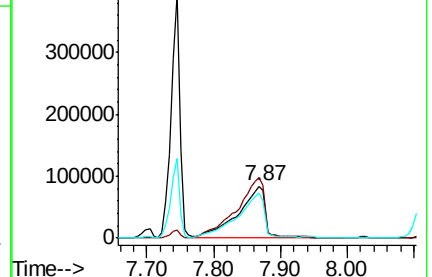
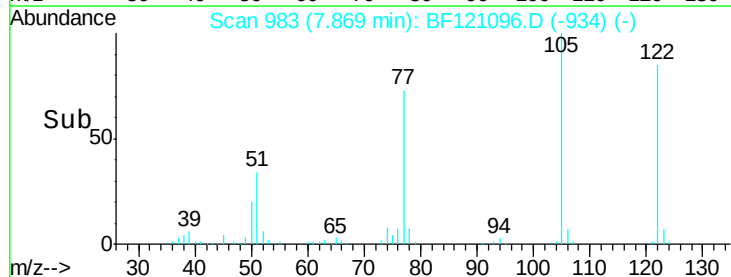
77 86.1 67.8 107.8

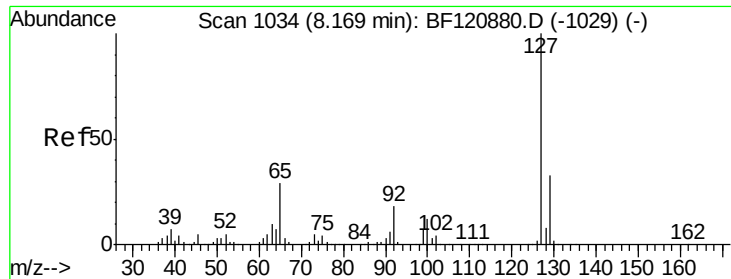


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

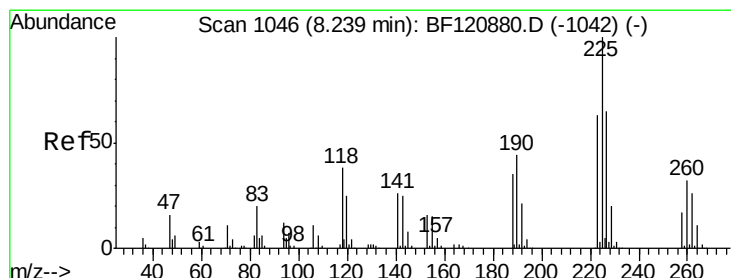
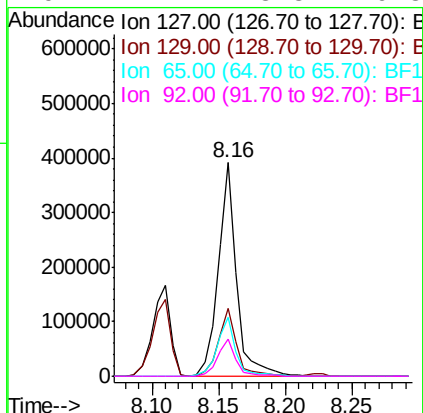
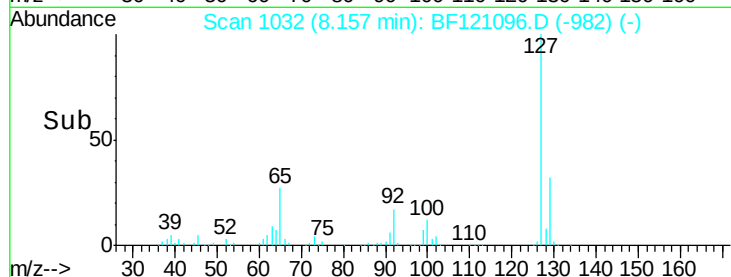
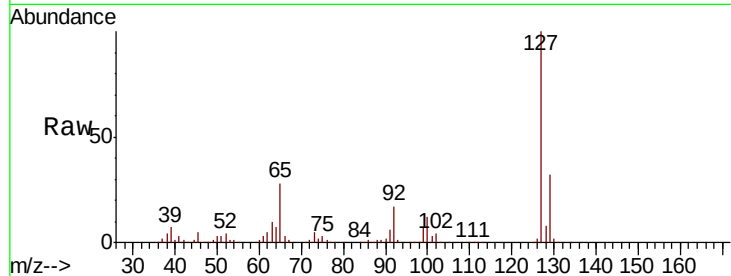




#33
4-Chloroaniline
Concen: 27.630 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

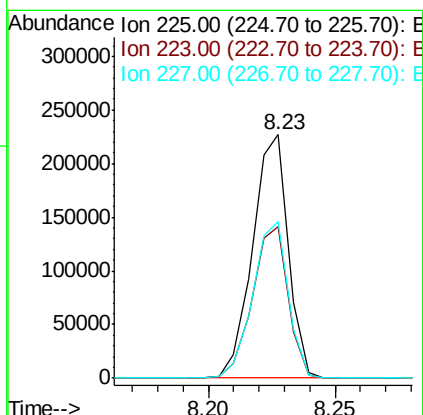
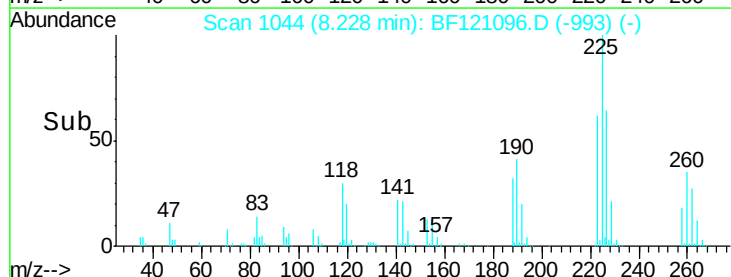
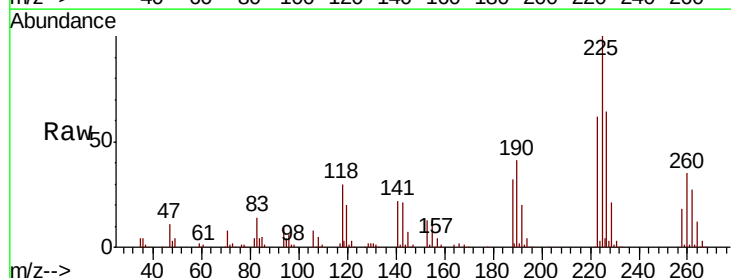
Instrument :
BNA_F
ClientSampleId :
PB130545BS

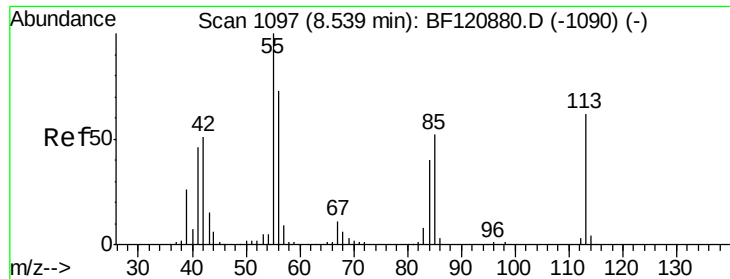
Tot Ion:	127	Resp:	377020
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.2
65	27.6	21.4	32.0
92	17.4	13.8	20.8



#34
Hexachlorobutadiene
Concen: 38.629 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Tgt Ion:	225	Resp:	221119
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.7	74.5
227	64.2	51.4	77.0

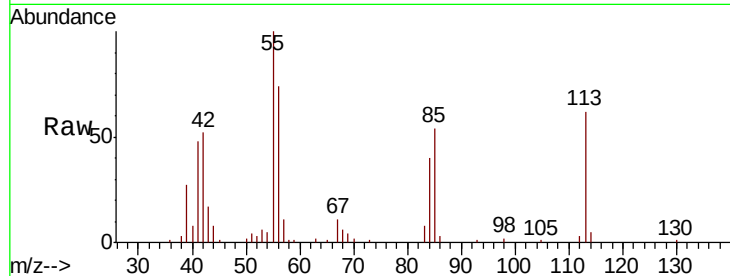




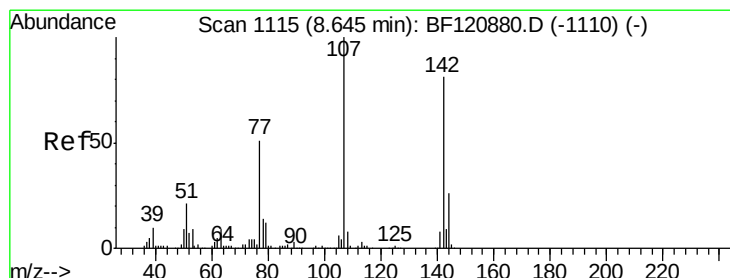
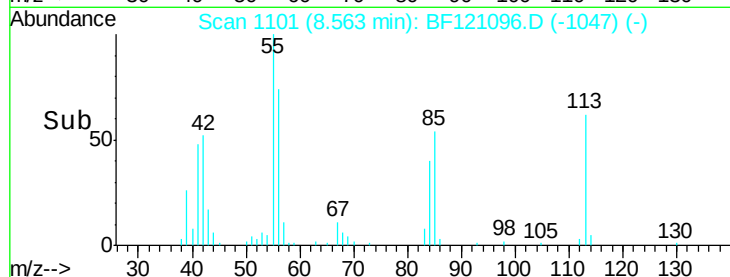
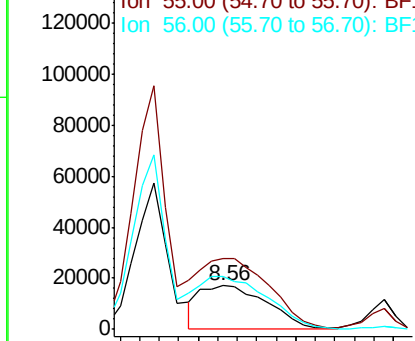
#35
 Caprolactam
 Concen: 14.709 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. 0.02 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BS

Tot Ion:113 Resp: 41284
 Ion Ratio Lower Upper
 113 100
 55 162.3 131.0 171.0
 56 120.3 90.4 130.4

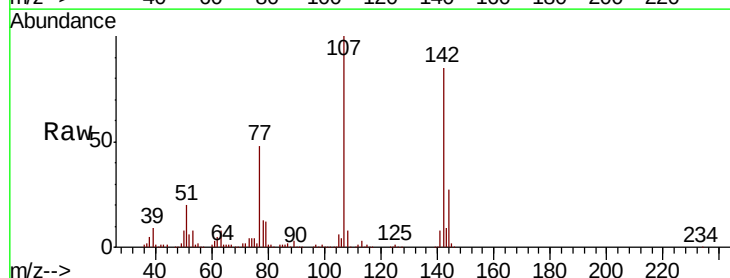


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

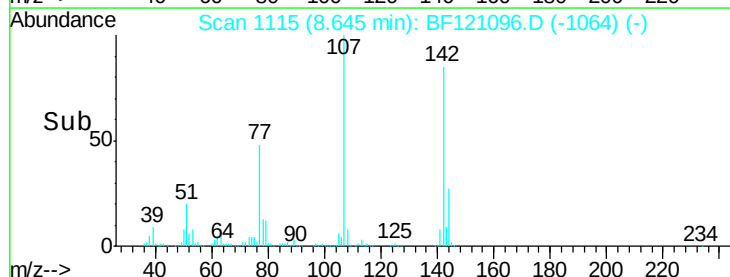
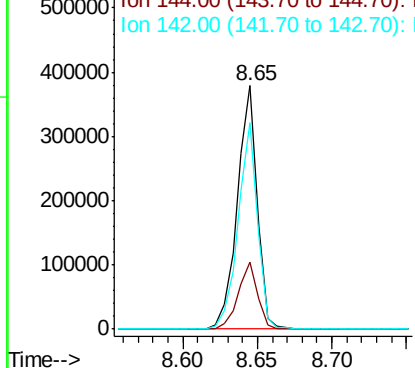


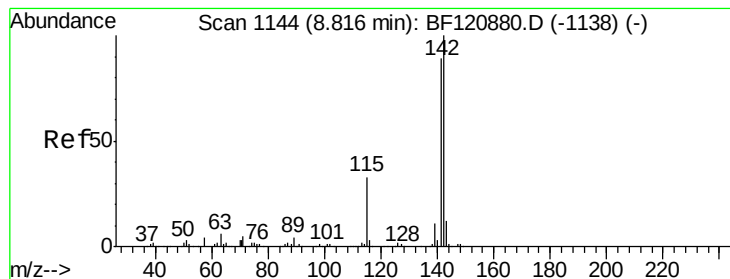
#36
 4-Chloro-3-methylphenol
 Concen: 39.495 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.00 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

Tgt Ion:107 Resp: 354517
 Ion Ratio Lower Upper
 107 100
 144 27.5 20.9 31.3
 142 84.6 64.5 96.7



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

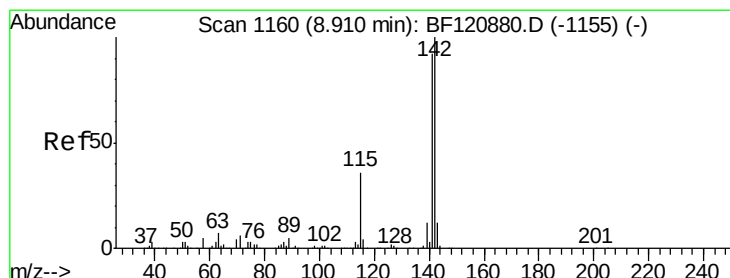
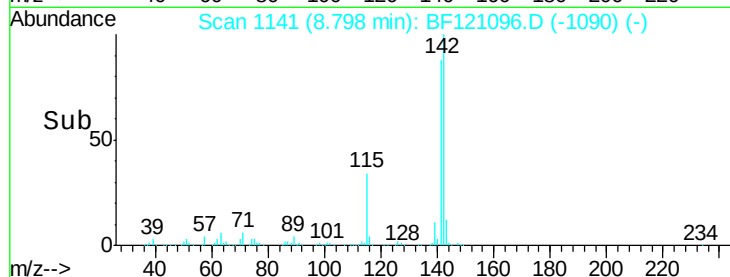
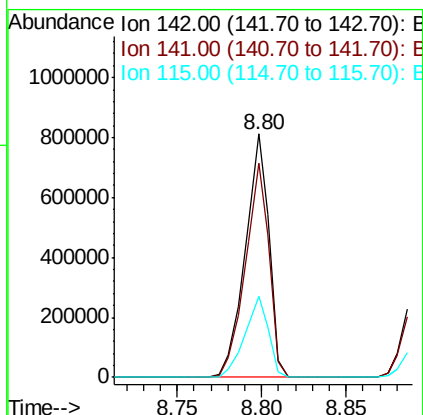
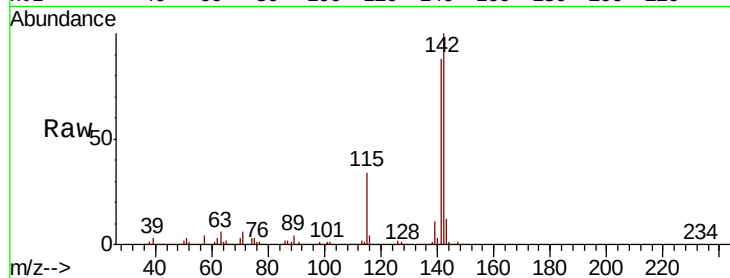




#37
 2-Methylnaphthalene
 Concen: 40.184 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

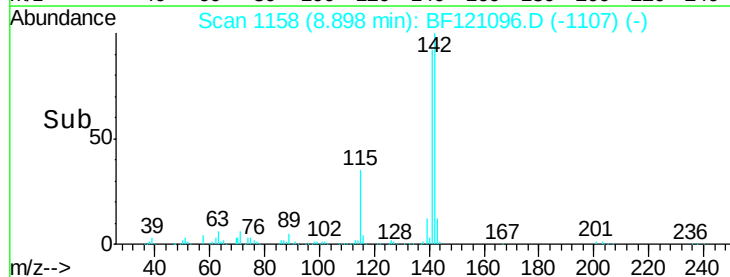
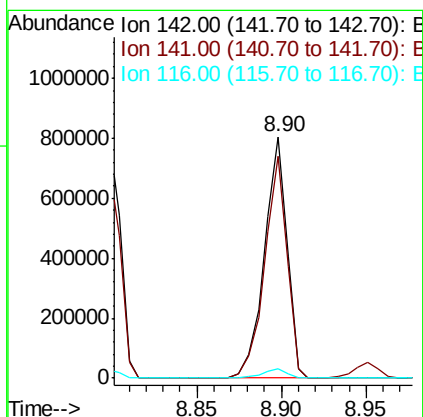
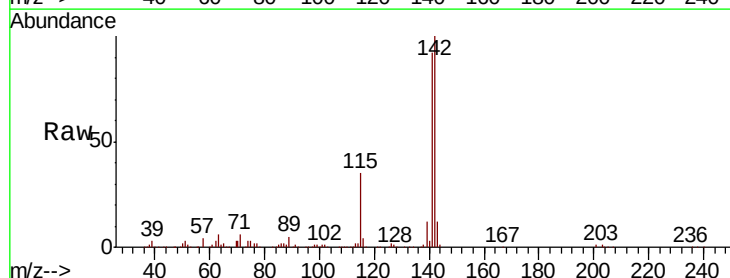
Instrument :
 BNA_F
 ClientSampleId :
 PB130545BS

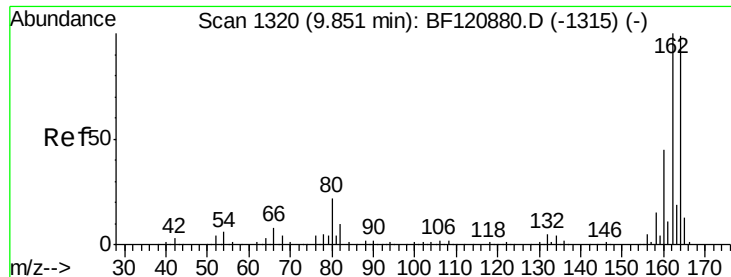
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.6	105.8
115	33.5	27.1	40.7



#38
 1-Methylnaphthalene
 Concen: 39.560 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.0	109.6
116	3.7	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB130545BS

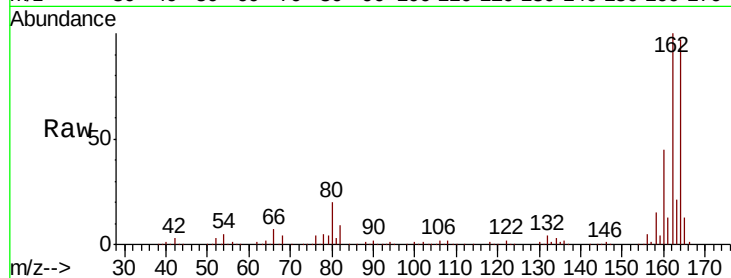
Tot Ion:164 Resp: 303494

Ion Ratio Lower Upper

164 100

162 102.7 82.2 123.2

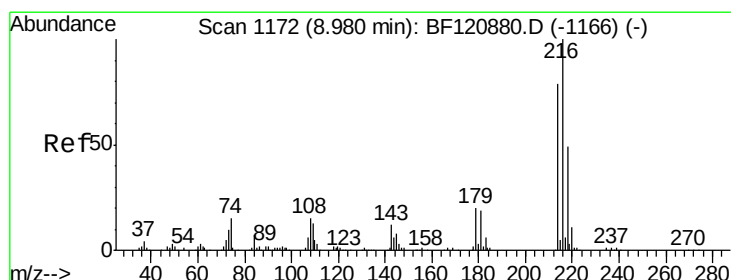
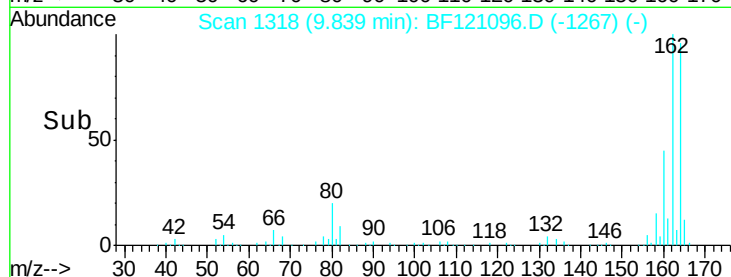
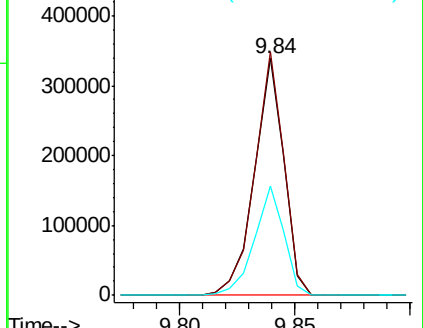
160 45.9 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.538 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Tgt Ion:216 Resp: 358460

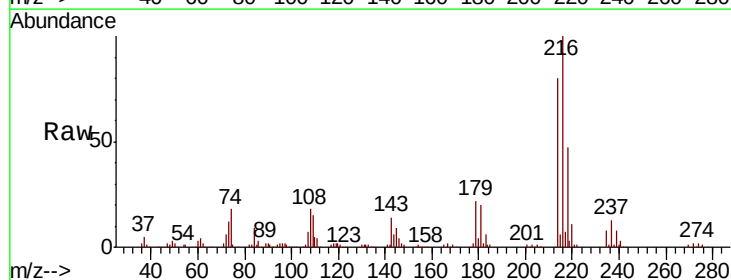
Ion Ratio Lower Upper

216 100

214 79.3 63.9 95.9

179 20.7 16.6 24.8

108 20.7 15.0 22.4

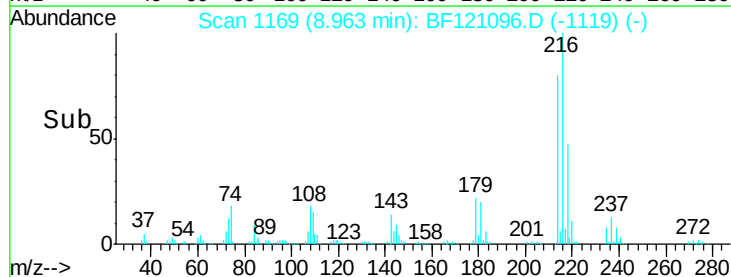
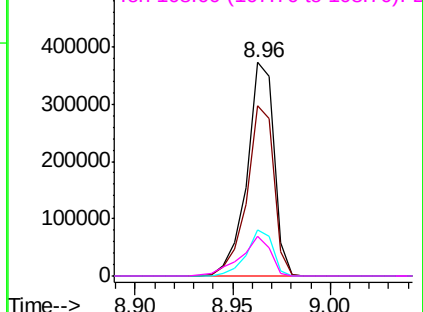


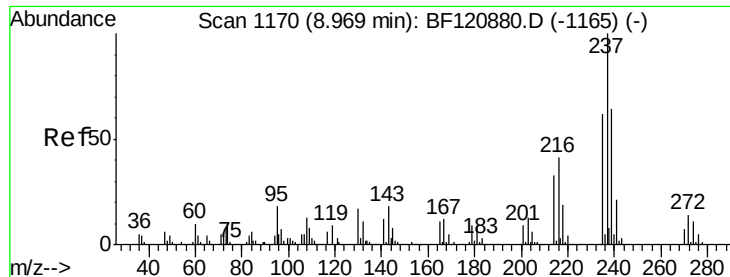
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

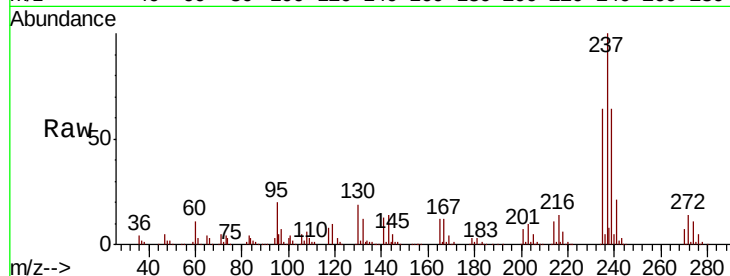




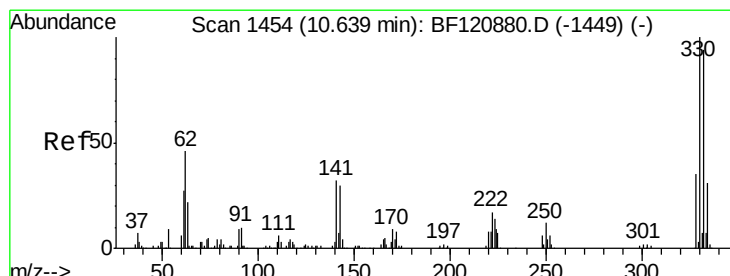
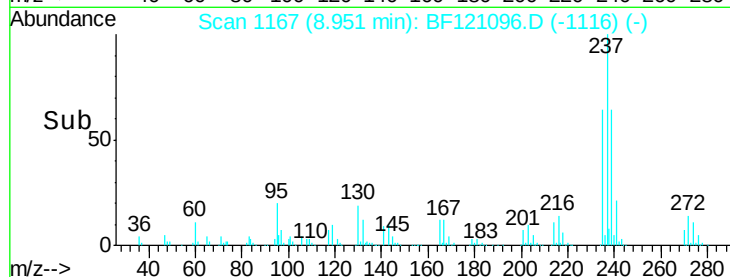
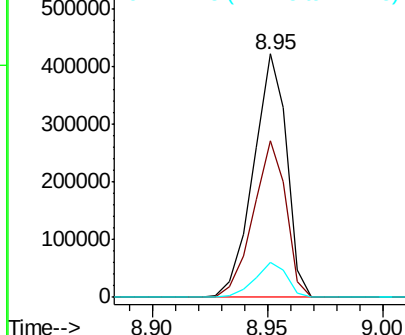
#41
Hexachlorocyclopentadiene
Concen: 86.679 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB130545BS

Tot Ion:	237	Resp:	423606
Ion	Ratio	Lower	Upper
237	100		
235	64.1	43.2	83.2
272	14.1	0.0	33.6

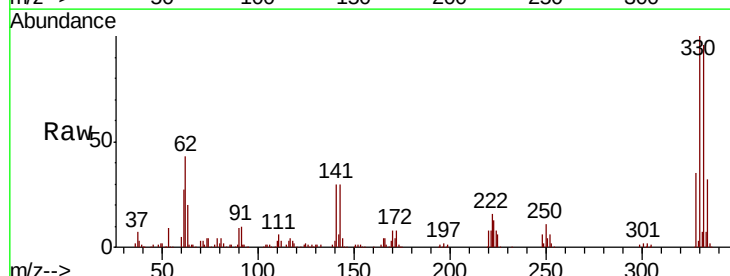


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

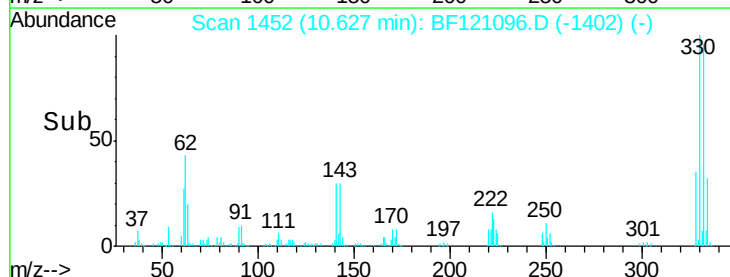
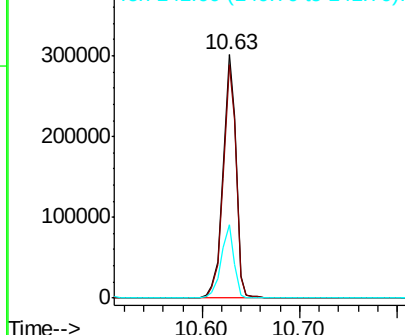


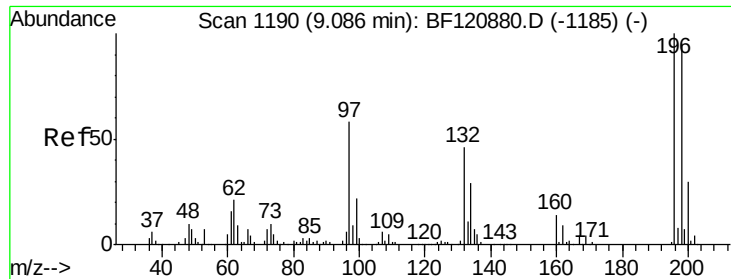
#42
2,4,6-Tribromophenol
Concen: 83.771 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Tgt Ion:	330	Resp:	278290
Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.1	114.1
141	30.0	24.1	36.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

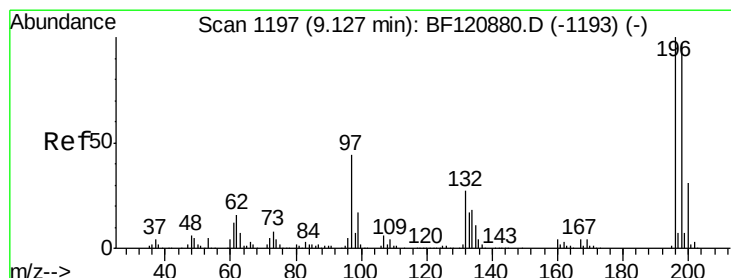
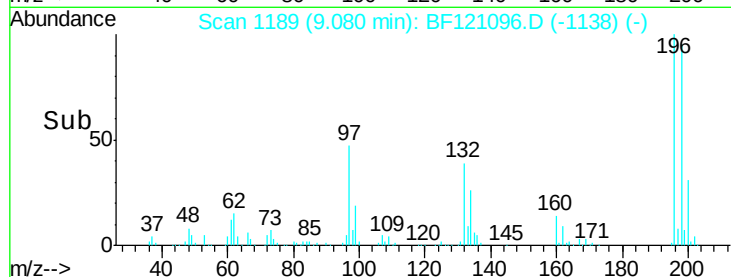
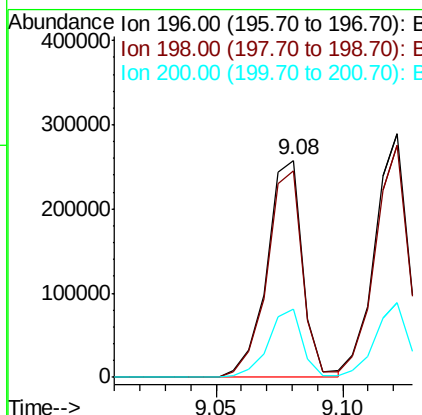
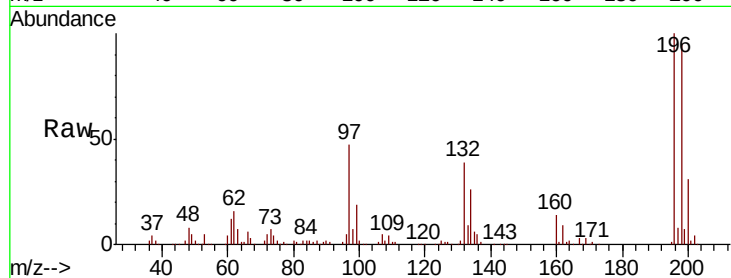




#43
 2,4,6-Trichlorophenol
 Concen: 41.102 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

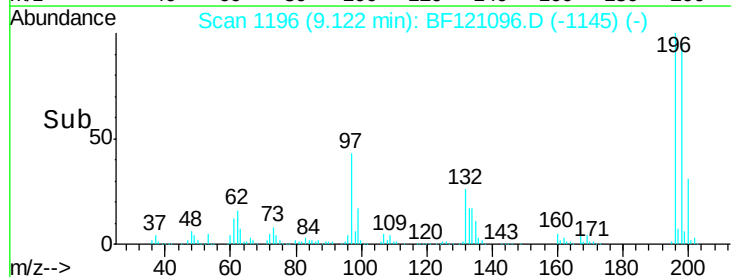
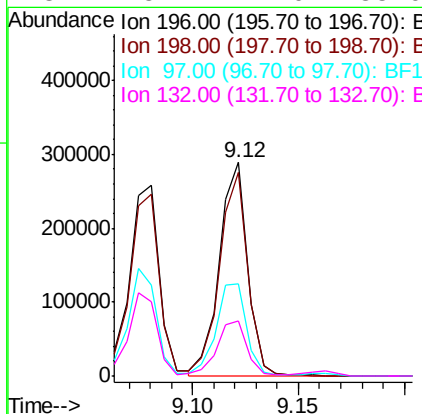
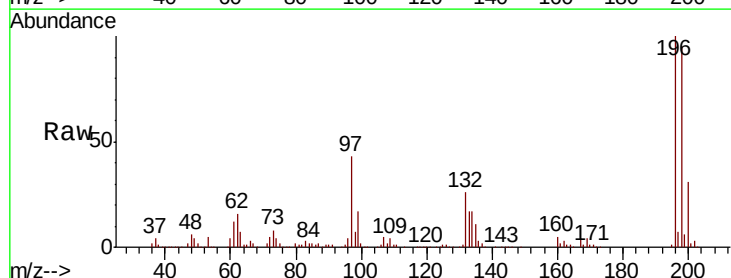
Instrument :
 BNA_F
 ClientSampleId :
 PB130545BS

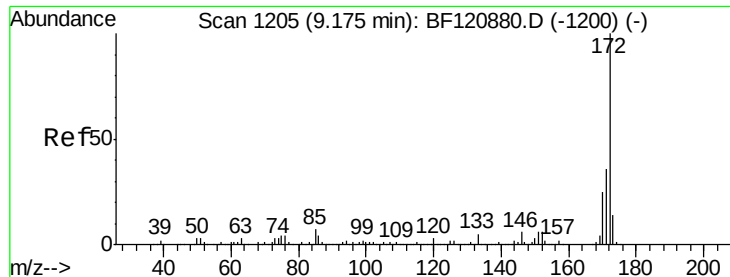
Tot Ion	196	Resp	255898
Ion Ratio	Lower	Upper	
196	100		
198	95.4	77.5	116.3
200	31.4	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 37.722 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

Tgt Ion	196	Resp	266402
Ion Ratio	Lower	Upper	
196	100		
198	95.2	76.2	114.4
97	42.9	37.3	55.9
132	25.7	22.0	33.0

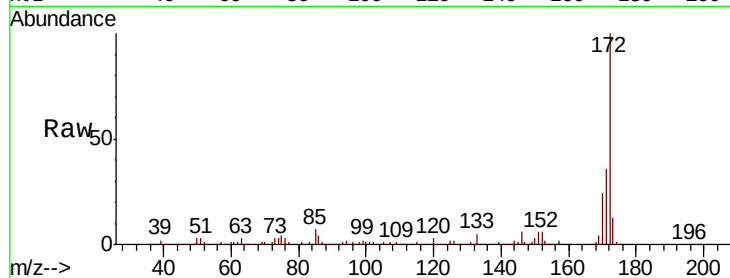




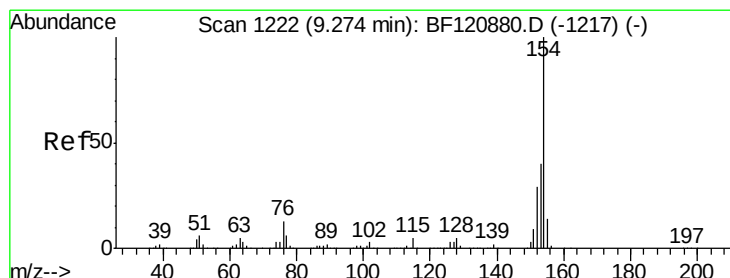
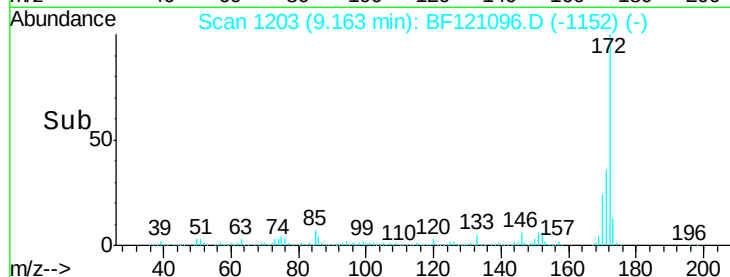
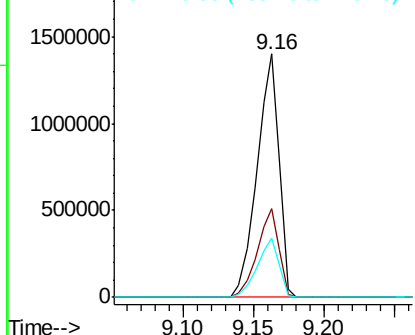
#45
2-Fluorobiphenyl
Concen: 75.291 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB130545BS

Tot Ion:172 Resp: 1530465
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 24.4 19.6 29.4

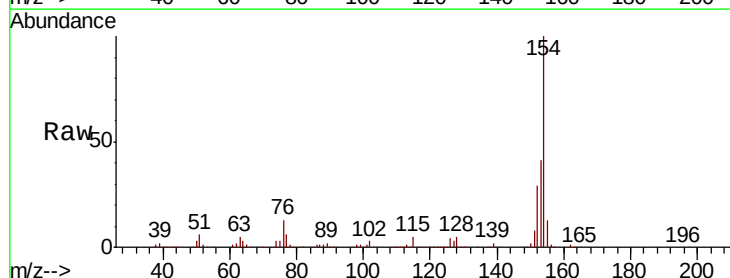


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

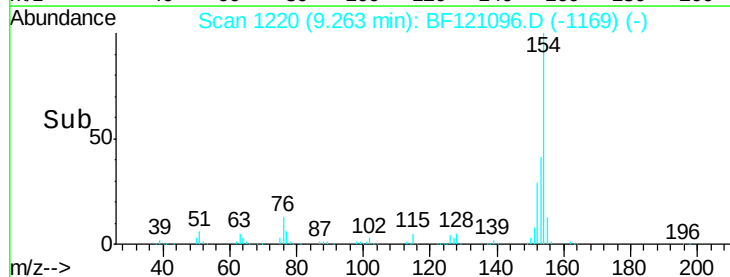
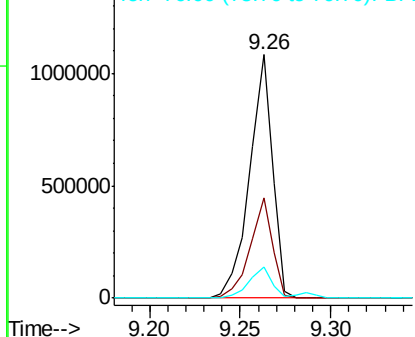


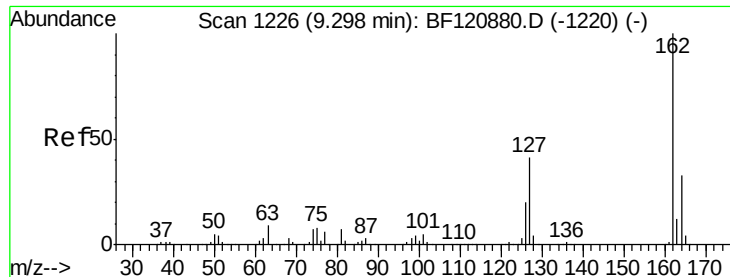
#46
1,1'-Biphenyl
Concen: 41.221 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Tgt Ion:154 Resp: 954295
Ion Ratio Lower Upper
154 100
153 41.2 20.6 60.6
76 12.6 0.0 33.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

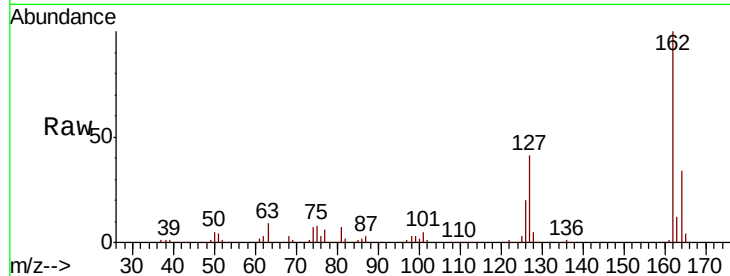




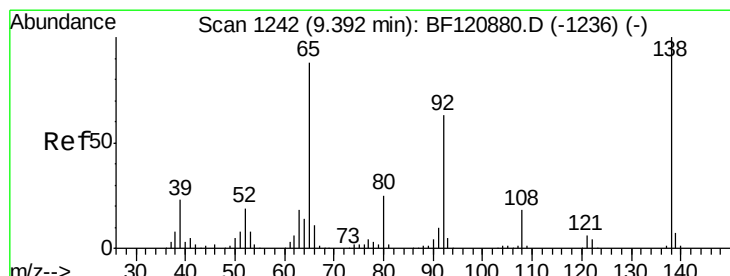
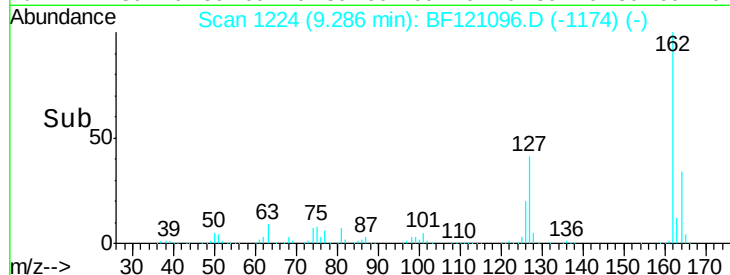
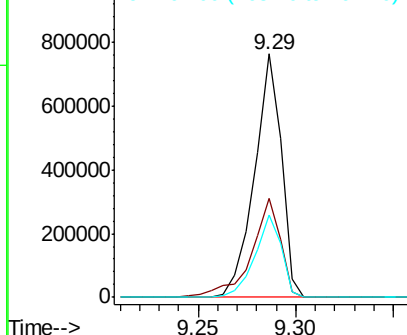
#47
2-Chloronaphthalene
Concen: 38.621 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB130545BS

Tot Ion:162 Resp: 728954
Ion Ratio Lower Upper
162 100
127 40.8 31.1 46.7
164 33.6 26.6 40.0

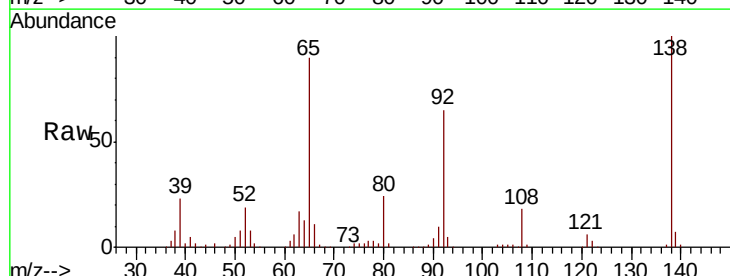


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

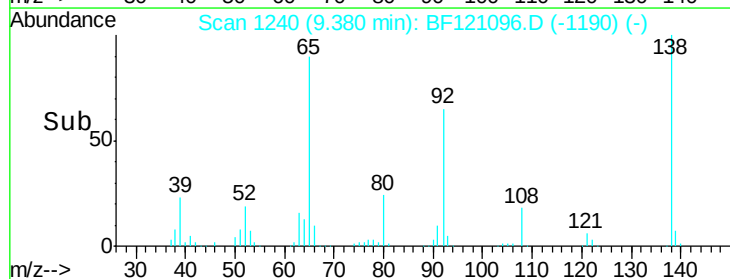
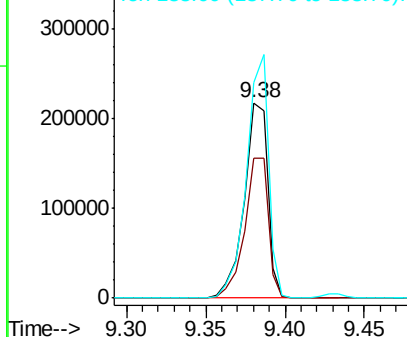


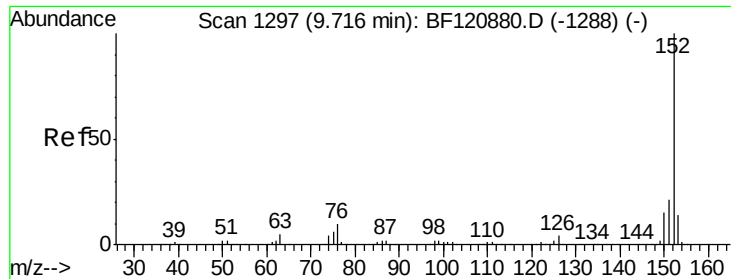
#48
2-Nitroaniline
Concen: 39.161 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Tgt Ion: 65 Resp: 223379
Ion Ratio Lower Upper
65 100
92 71.7 58.0 87.0
138 110.7 93.3 139.9



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: 40.122 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB130545BS

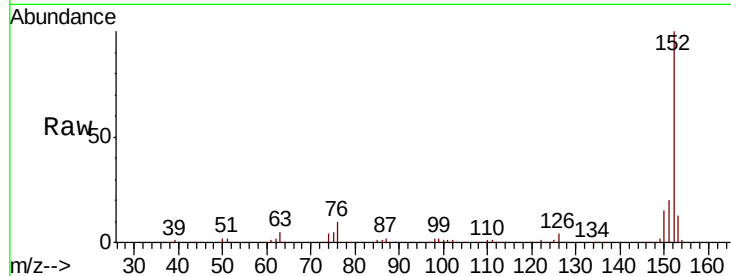
Tot Ion:152 Resp: 1176466

Ion Ratio Lower Upper

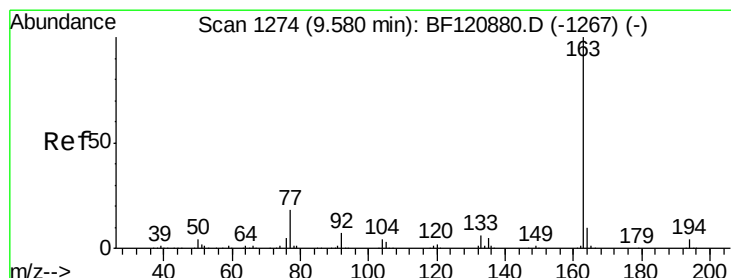
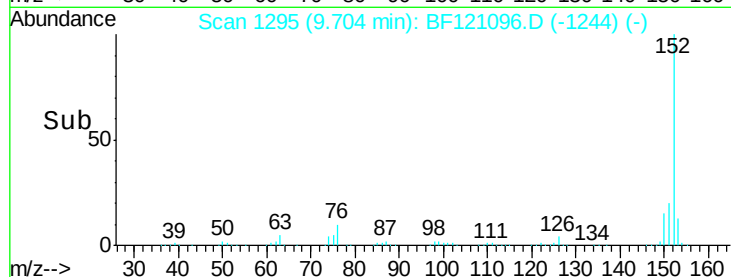
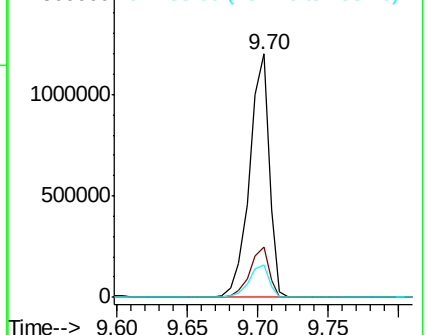
152 100

151 20.4 16.6 25.0

153 13.2 11.0 16.4



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: 38.895 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

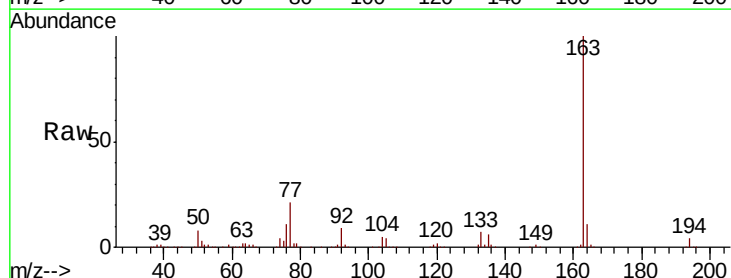
Tgt Ion:163 Resp: 851611

Ion Ratio Lower Upper

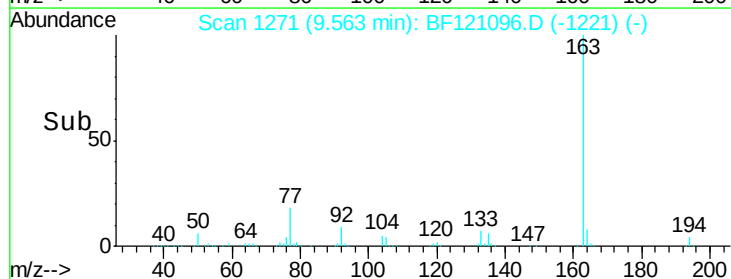
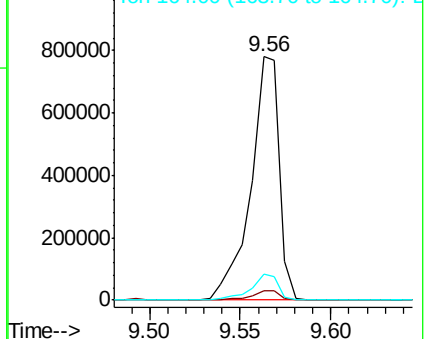
163 100

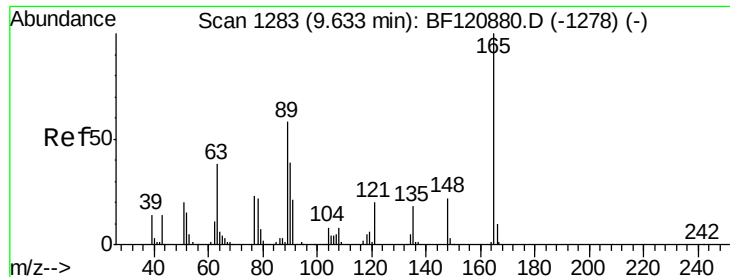
194 3.9 3.0 4.4

164 10.7 8.4 12.6



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

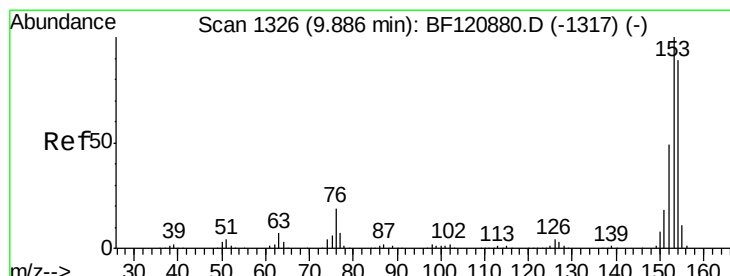
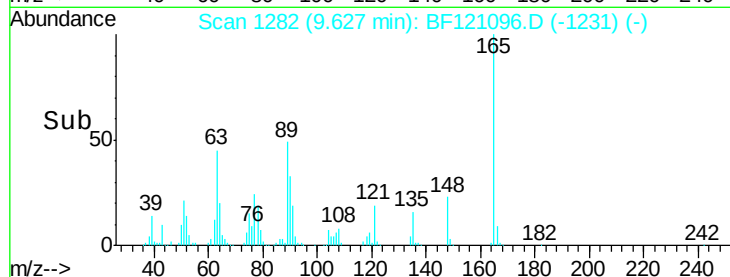
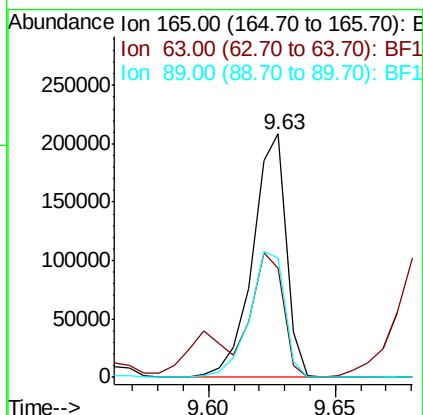
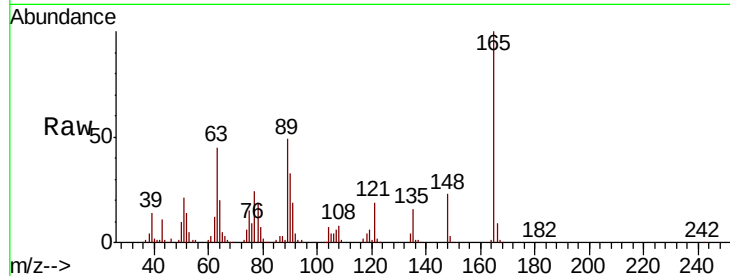




#51
 2,6-Dinitrotoluene
 Concen: 40.942 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

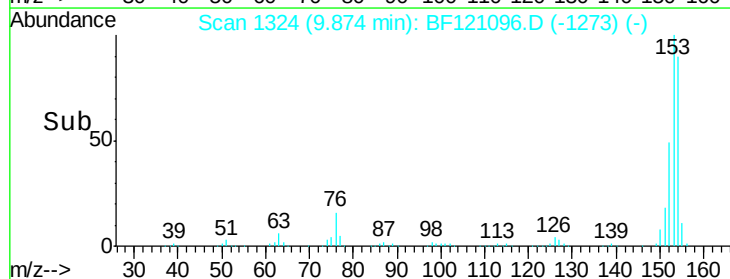
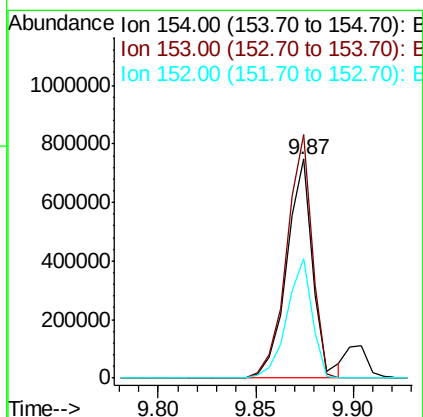
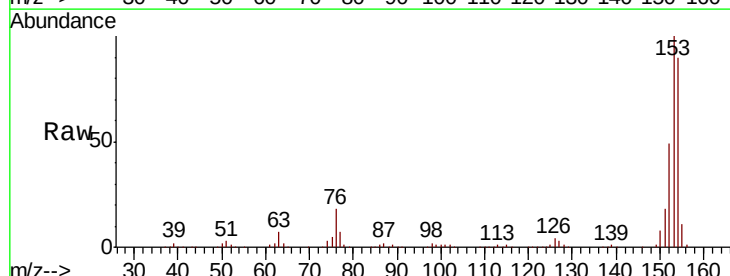
Instrument :
 BNA_F
 ClientSampleId :
 PB130545BS

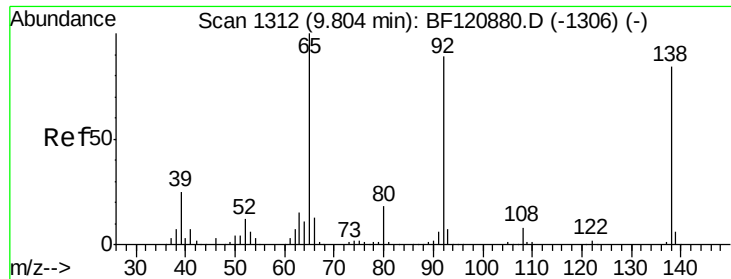
Tot Ion	Ratio	Lower	Upper
165	100		
63	45.0	41.1	61.7
89	49.0	43.5	65.3



#52
 Acenaphthene
 Concen: 37.156 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.3	89.6	134.4
152	54.4	43.8	65.6

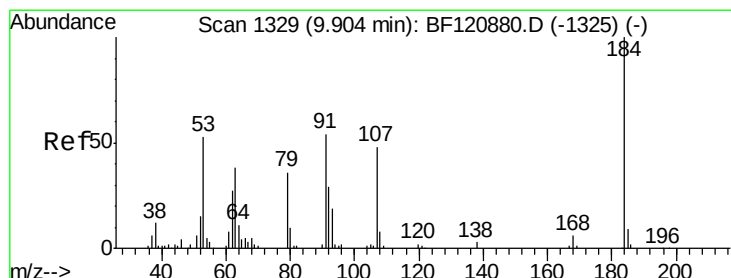
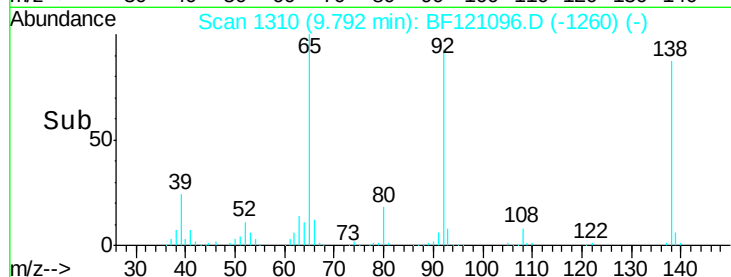
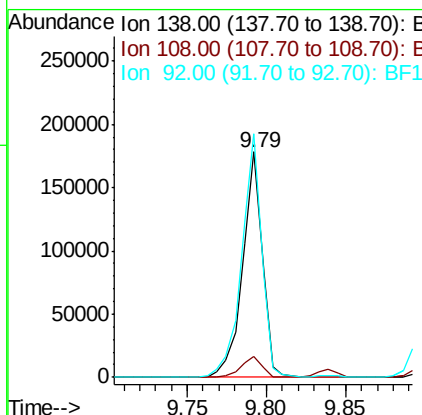
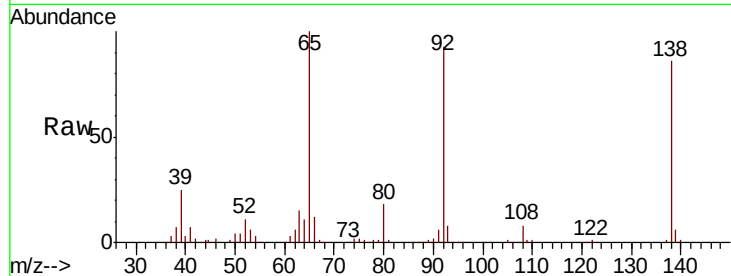




#53
3-Nitroaniline
Concen: 25.949 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

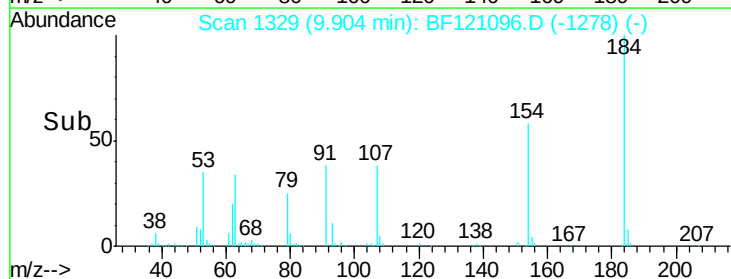
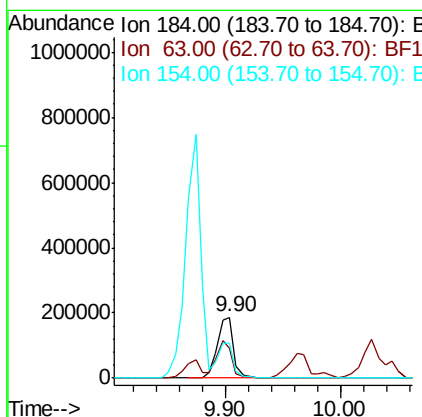
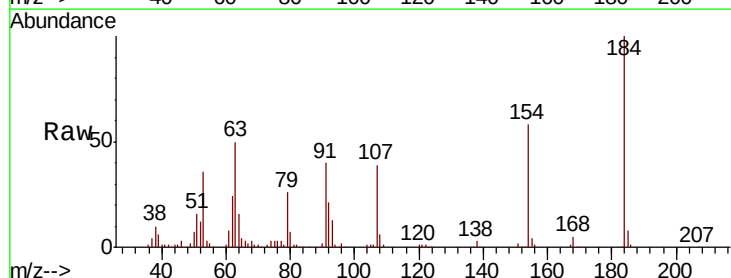
Instrument :
BNA_F
ClientSampleId :
PB130545BS

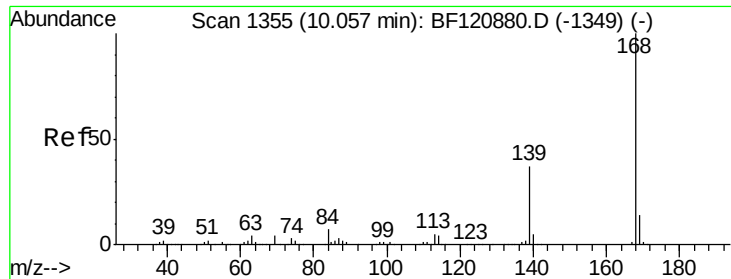
Tot Ion:138 Resp: 153088
Ion Ratio Lower Upper
138 100
108 9.4 7.8 11.8
92 108.0 85.0 127.4



#54
2,4-Dinitrophenol
Concen: 69.526 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Tgt Ion:184 Resp: 185600
Ion Ratio Lower Upper
184 100
63 50.1 42.5 63.7
154 58.4 46.8 70.2

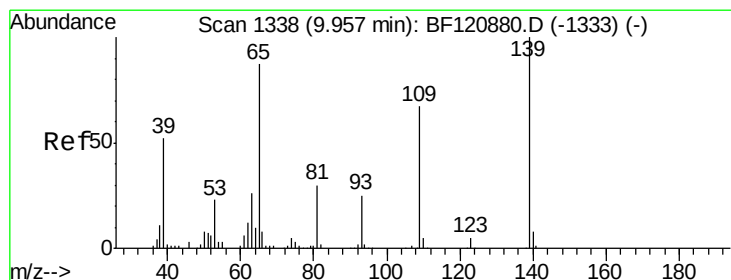
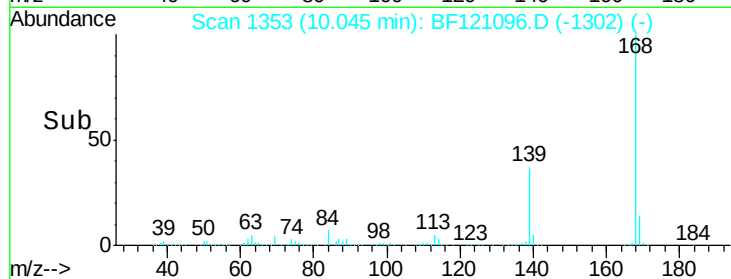
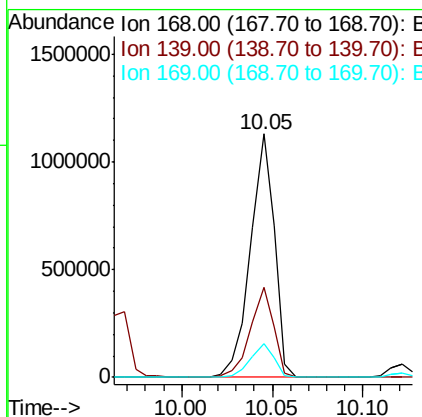
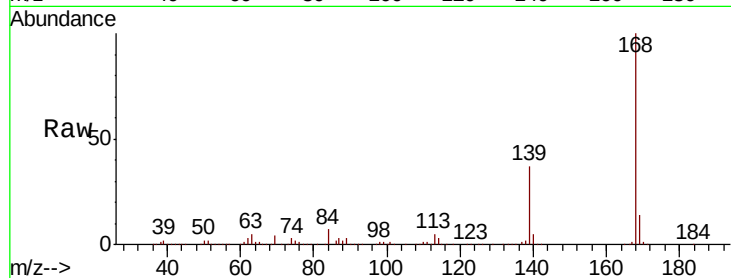




#55
Dibenzofuran
Concen: 38.455 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

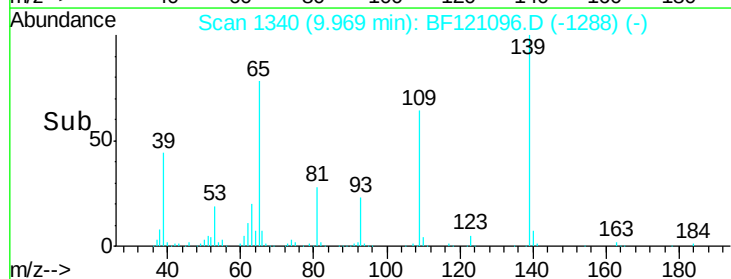
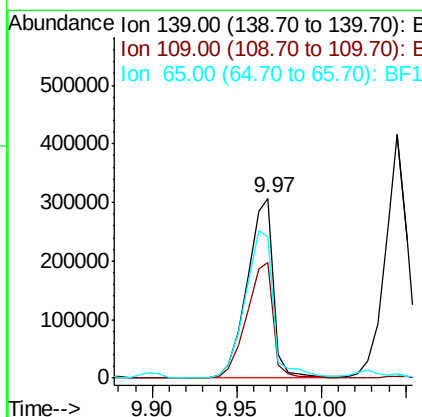
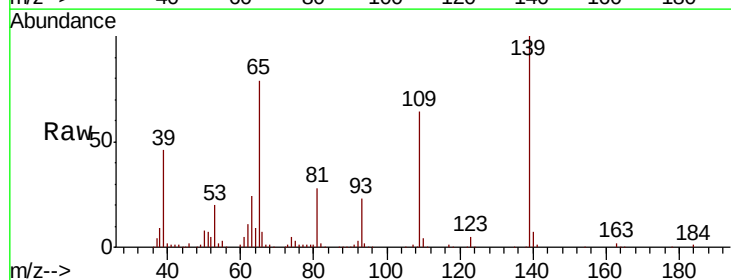
Instrument :
BNA_F
ClientSampleId :
PB130545BS

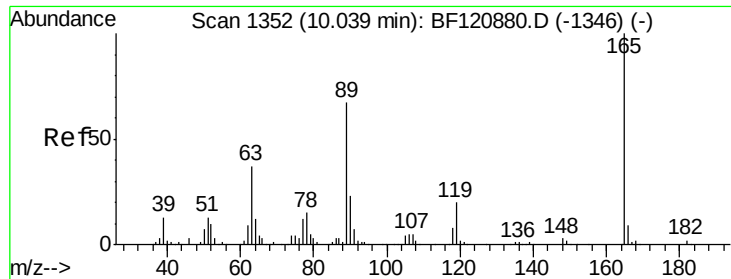
Tot Ion:168 Resp: 1036695
Ion Ratio Lower Upper
168 100
139 36.8 30.1 45.1
169 13.7 11.3 16.9



#56
4-Nitrophenol
Concen: 74.329 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Tgt Ion:139 Resp: 333108
Ion Ratio Lower Upper
139 100
109 64.0 44.8 84.8
65 78.7 65.6 105.6

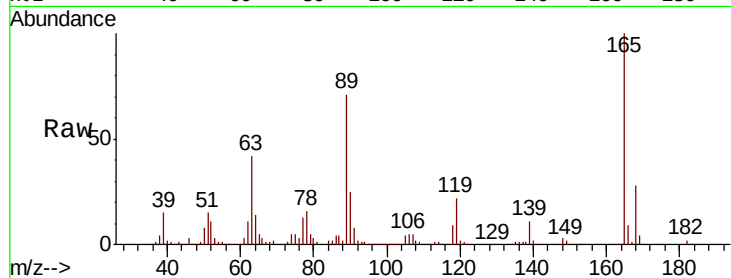




#57
2,4-Dinitrotoluene
Concen: 41.217 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB130545BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.9	29.8	44.8
89	70.9	50.3	75.5
182	2.3	2.1	3.1

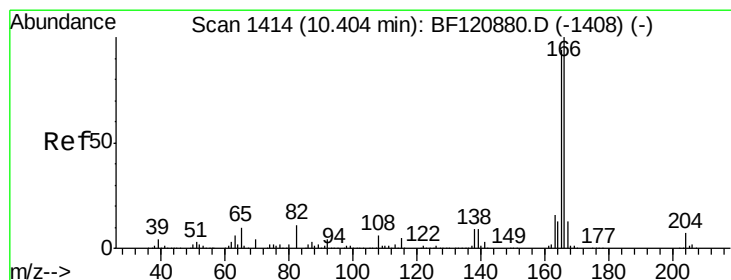
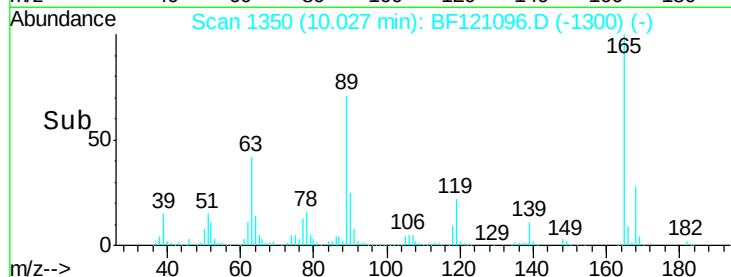
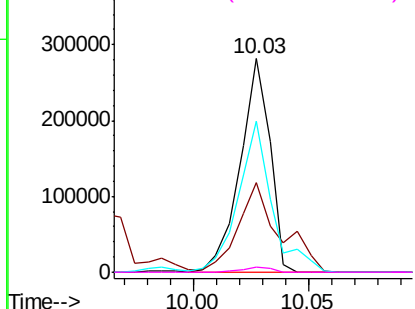


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

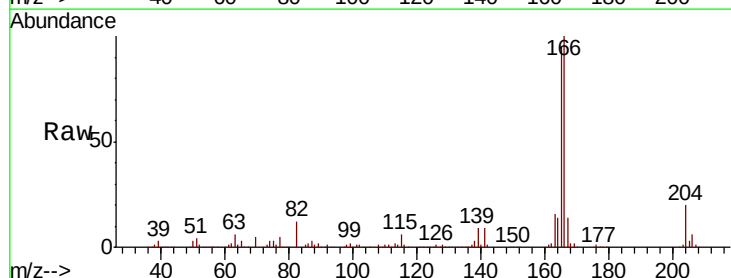
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 37.560 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

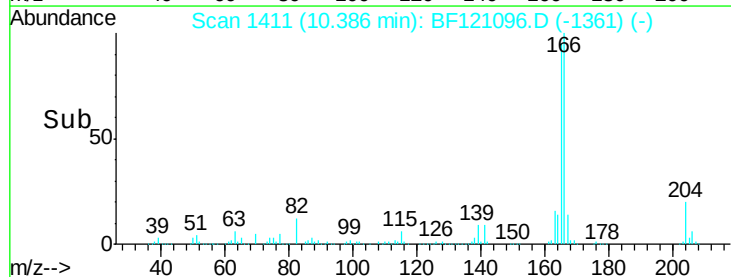
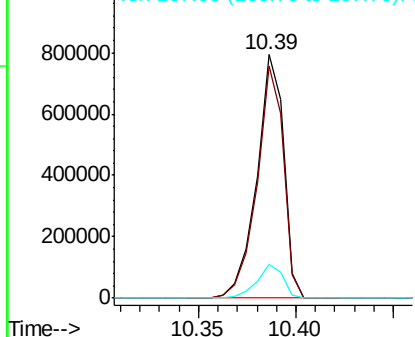
Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.4	76.4	114.6
167	14.0	10.7	16.1

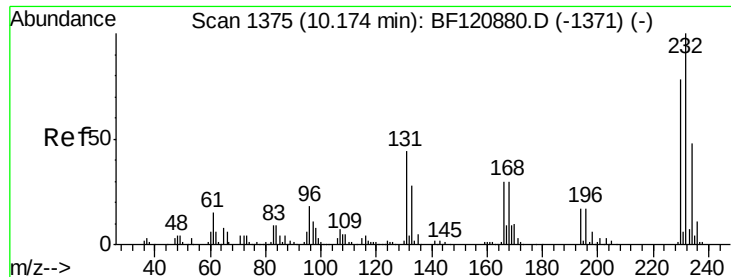


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

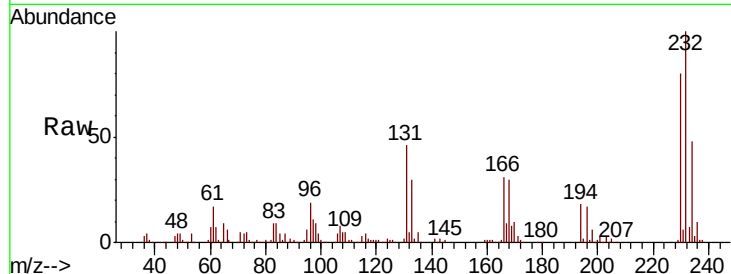




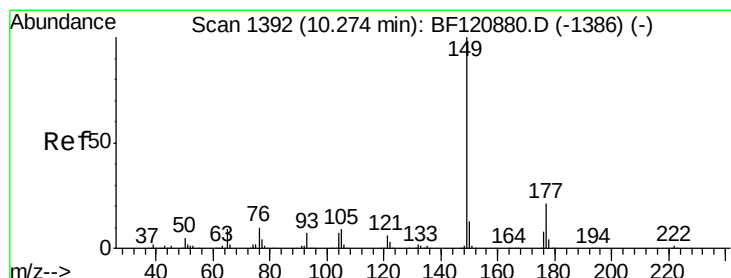
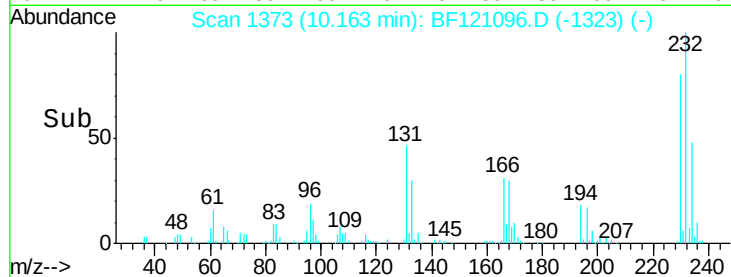
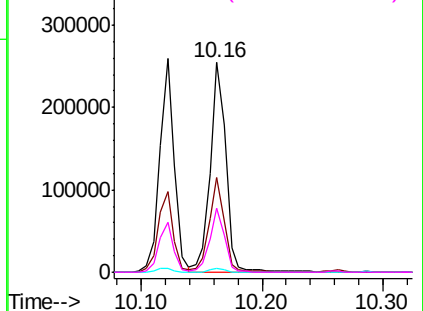
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.995 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB130545BS

Tot Ion:	232	Resp:	225812
Ion	Ratio	Lower	Upper
232	100		
131	44.6	34.2	51.2
130	2.0	1.7	2.5
166	29.6	23.1	34.7

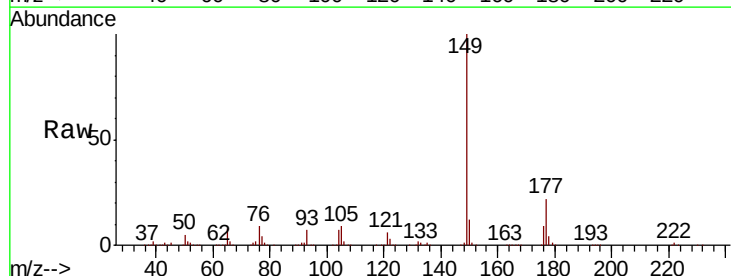


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

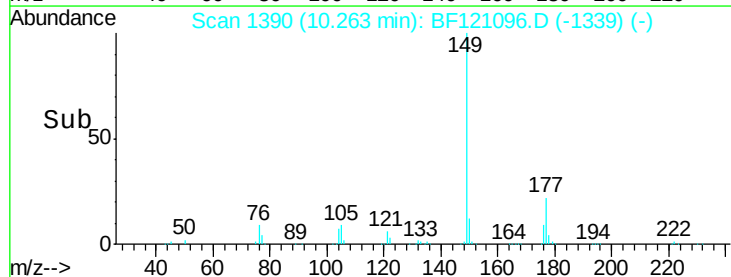
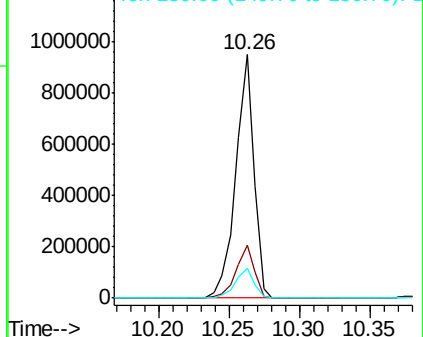


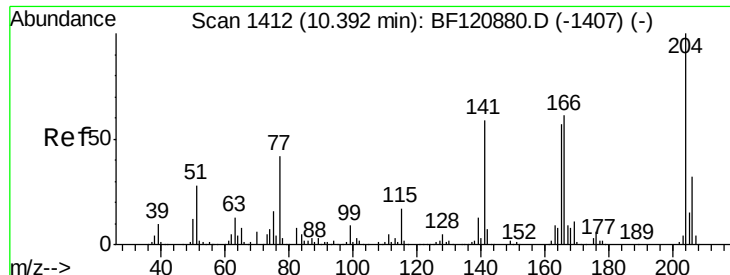
#60
Diethylphthalate
Concen: 38.411 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Tgt Ion:	149	Resp:	850679
Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.6	26.4
150	12.5	10.2	15.4



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

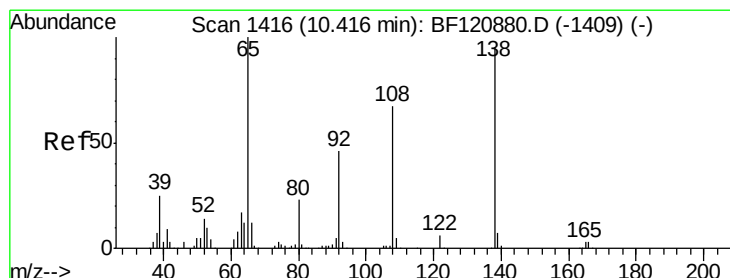
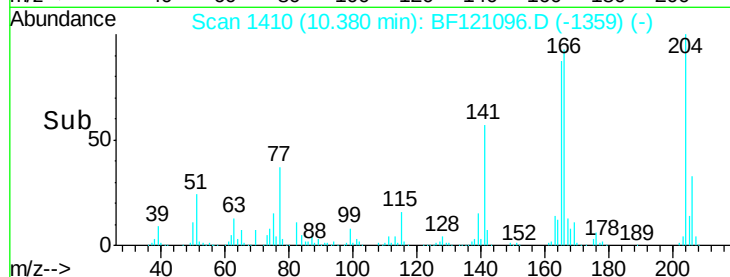
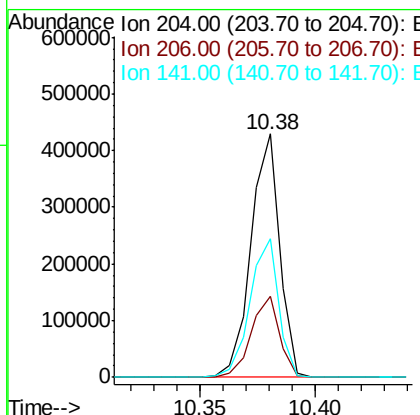
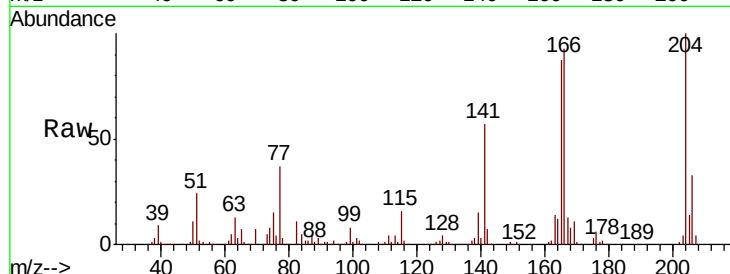




#61
4-Chlorophenyl-phenylether
Concen: 34.889 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

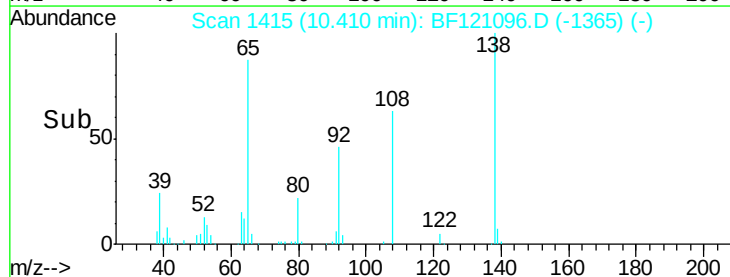
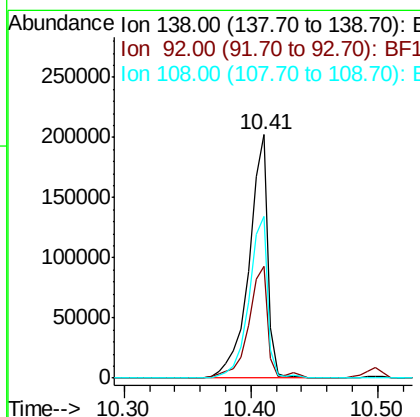
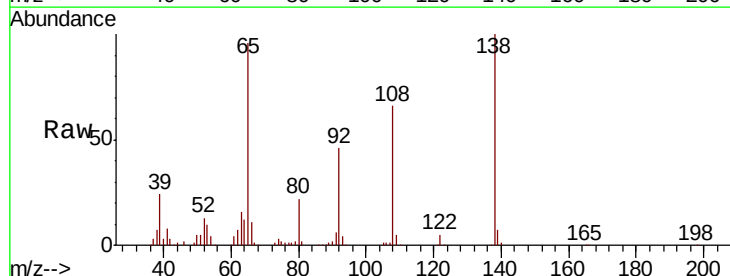
Instrument :
BNA_F
ClientSampleId :
PB130545BS

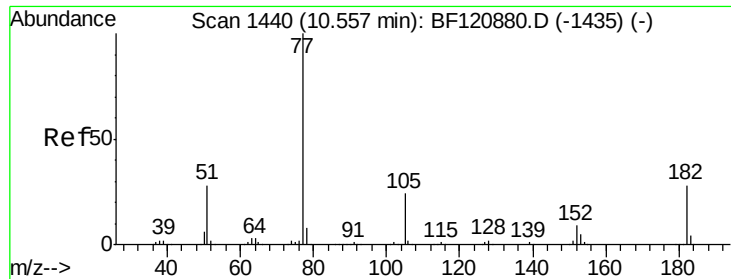
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.0	39.0
141	56.9	46.9	70.3



#62
4-Nitroaniline
Concen: 36.441 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.9	25.2	65.2
108	66.4	46.7	86.7





#63

Azobenzene

Concen: 38.068 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB130545BS

Tot Ion: 77 Resp: 802627

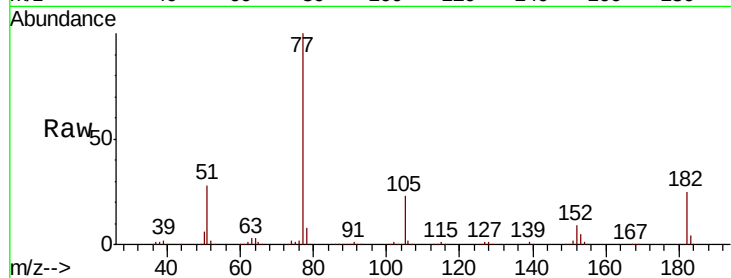
Ion Ratio Lower Upper

77 100

182 25.5 4.5 44.5

105 23.4 3.4 43.4

51 28.3 8.7 48.7

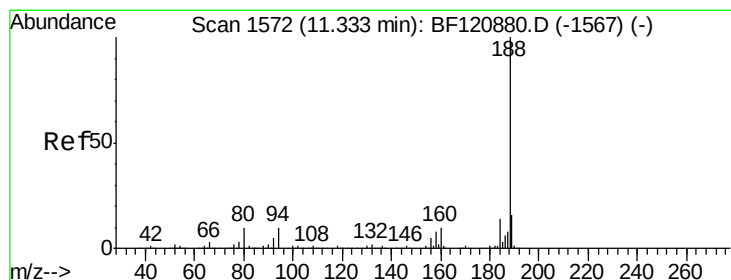
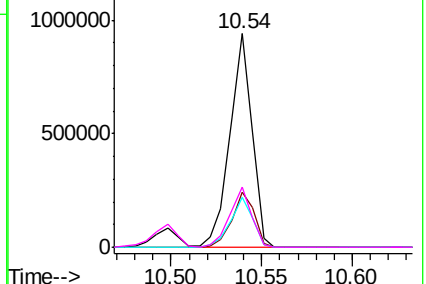
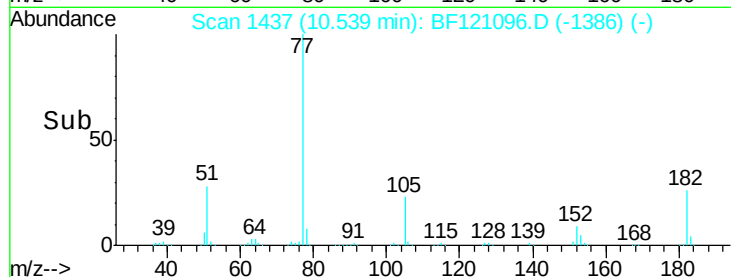


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

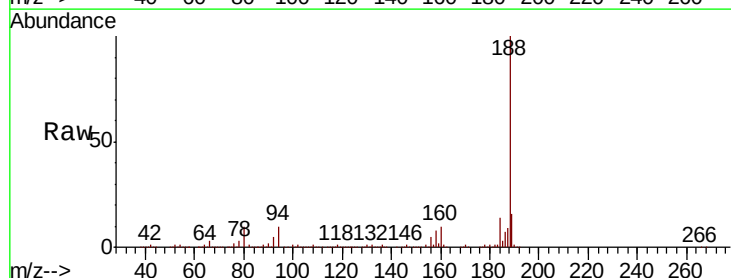
Tgt Ion: 188 Resp: 563972

Ion Ratio Lower Upper

188 100

94 10.0 8.0 12.0

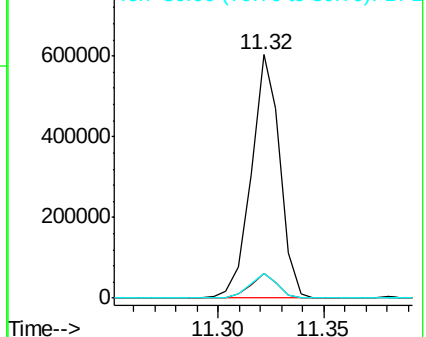
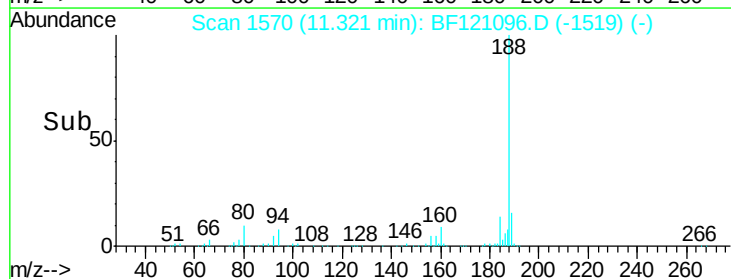
80 10.1 8.3 12.5

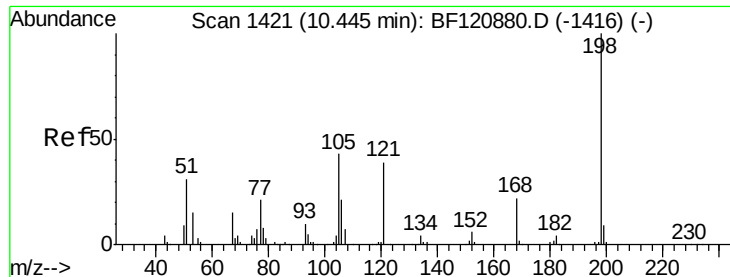


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 40.291 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB130545BS

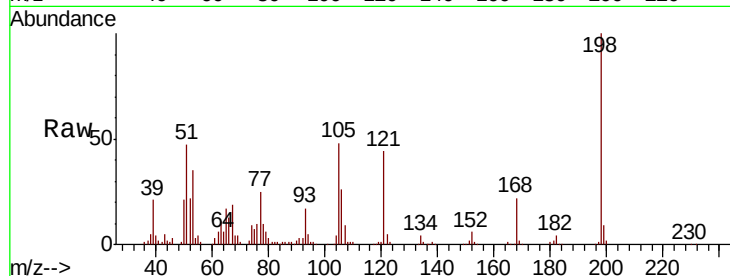
Tot Ion:198 Resp: 129321

Ion Ratio Lower Upper

198 100

51 47.4 23.4 63.4

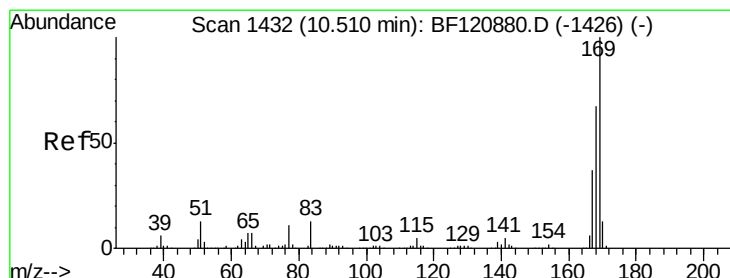
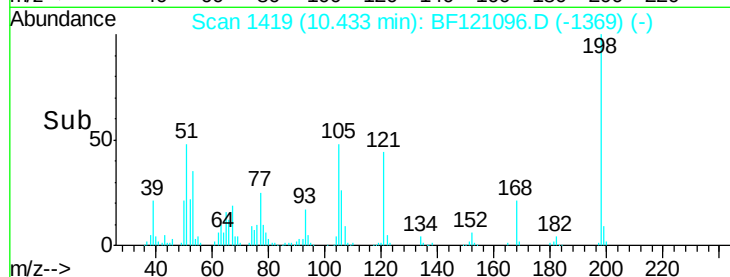
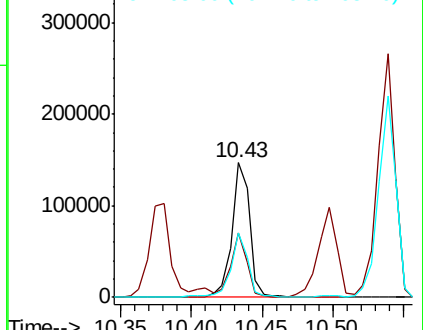
105 48.1 23.7 63.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.573 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

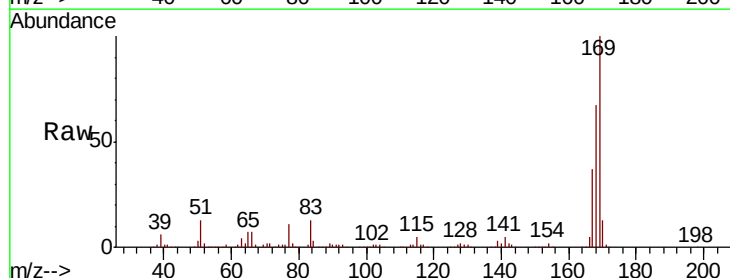
Tgt Ion:169 Resp: 719828

Ion Ratio Lower Upper

169 100

168 66.7 53.7 80.5

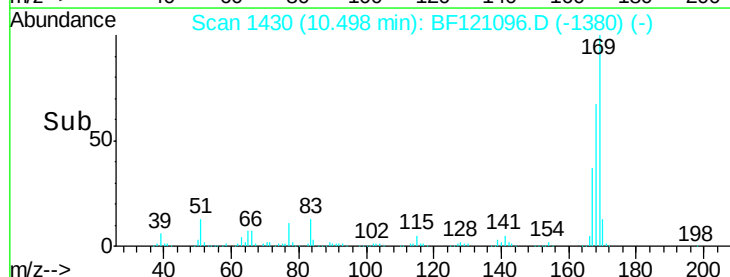
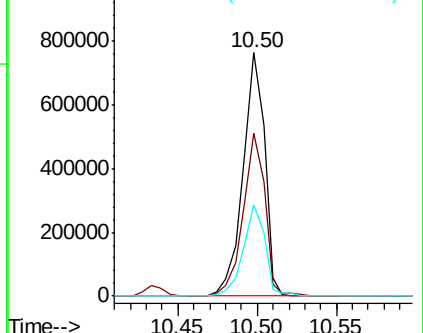
167 37.3 30.0 45.0

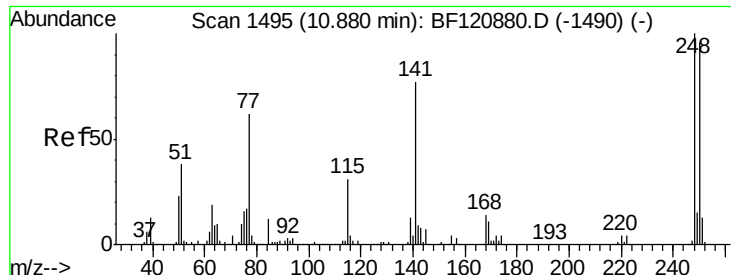


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

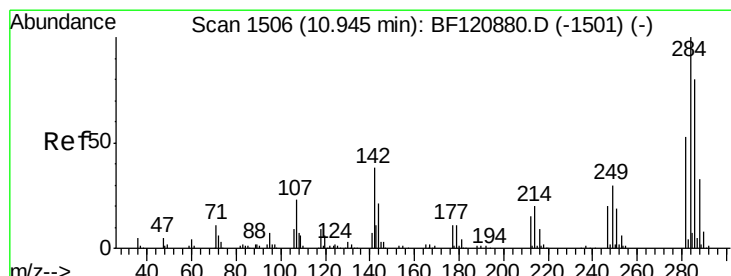
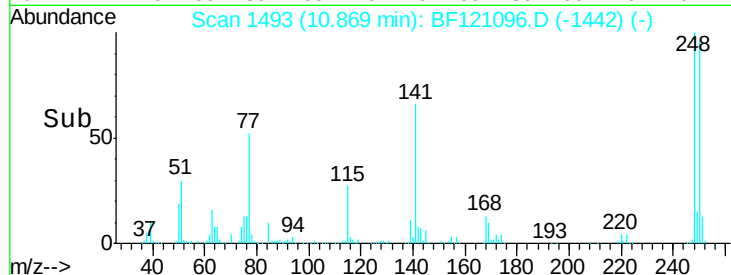
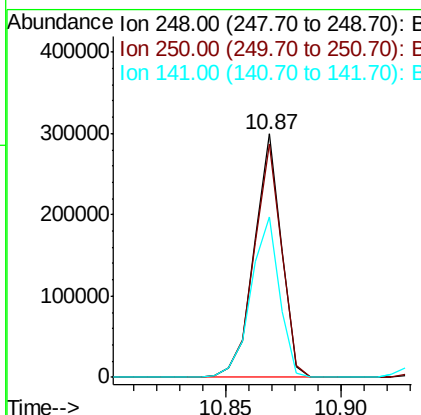
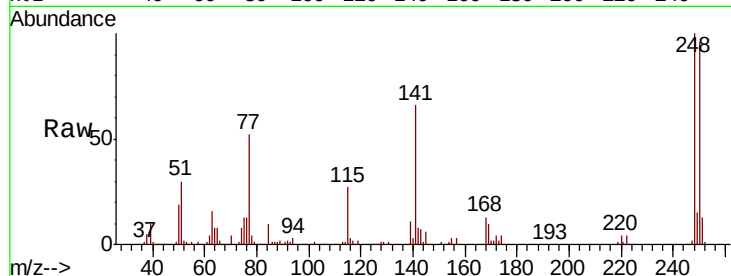




#67
 4-Bromophenyl-phenylether
 Concen: 39.146 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

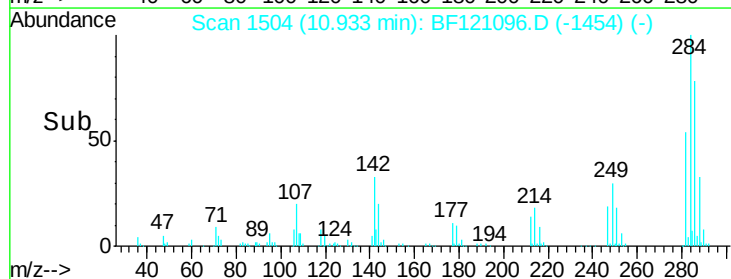
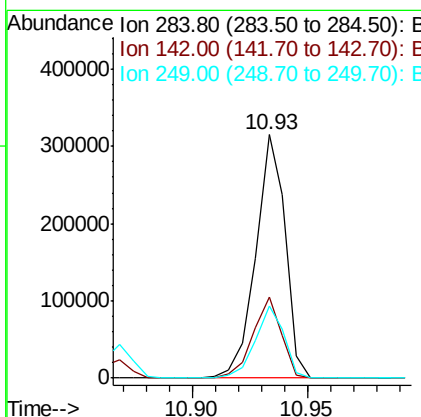
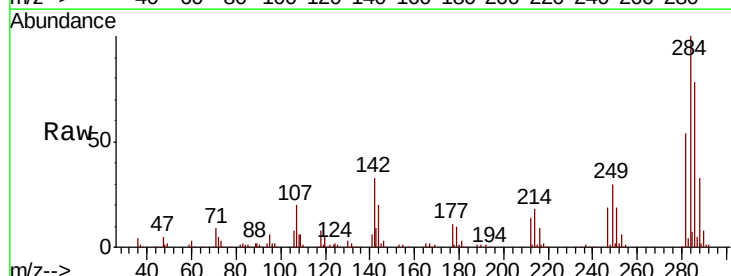
Instrument :
 BNA_F
 ClientSampleId :
 PB130545BS

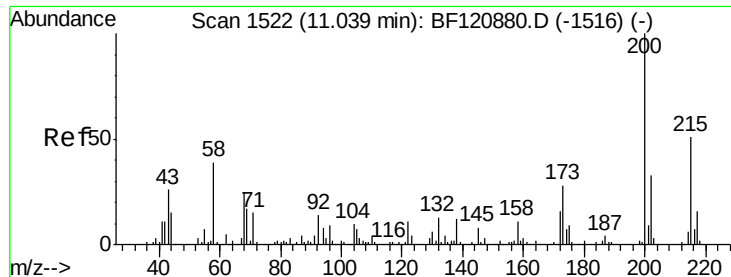
Tot Ion:248 Resp: 246146
 Ion Ratio Lower Upper
 248 100
 250 96.0 77.0 115.6
 141 66.1 56.6 85.0



#68
 Hexachlorobenzene
 Concen: 41.234 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

Tgt Ion:284 Resp: 280466
 Ion Ratio Lower Upper
 284 100
 142 33.3 21.1 31.7#
 249 29.7 22.5 33.7





#69

Atrazine

Concen: 45.839 ng

RT: 11.03 min Scan# 1520

Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB130545BS

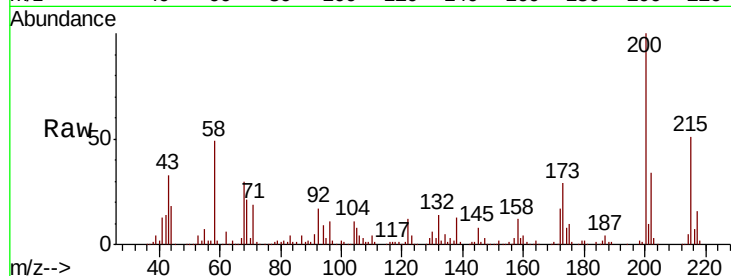
Tot Ion:200 Resp: 201407

Ion Ratio Lower Upper

200 100

173 28.9 7.6 47.6

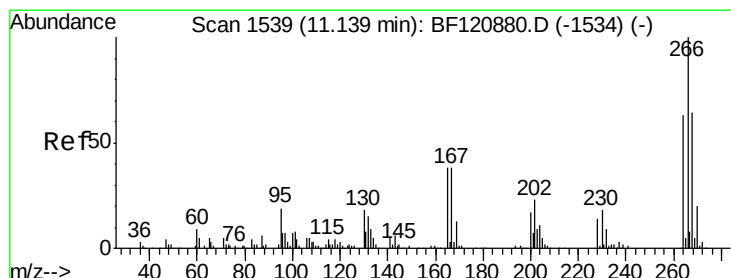
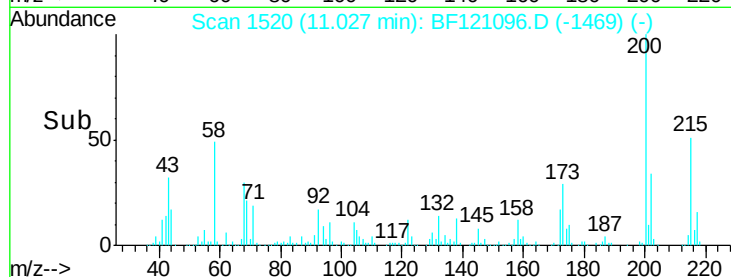
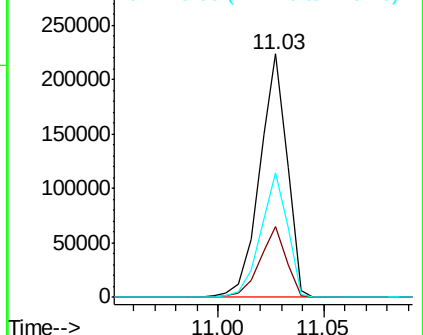
215 51.1 28.8 68.8



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: 80.304 ng

RT: 11.13 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

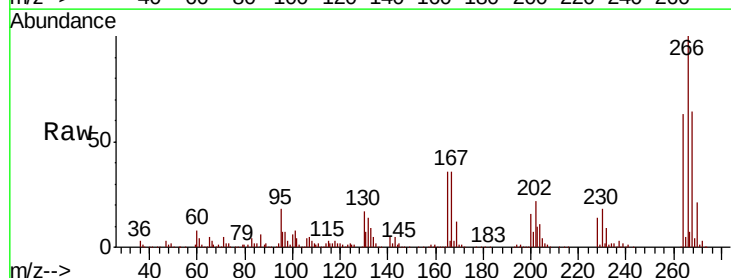
Tgt Ion:266 Resp: 312917

Ion Ratio Lower Upper

266 100

268 64.4 49.7 74.5

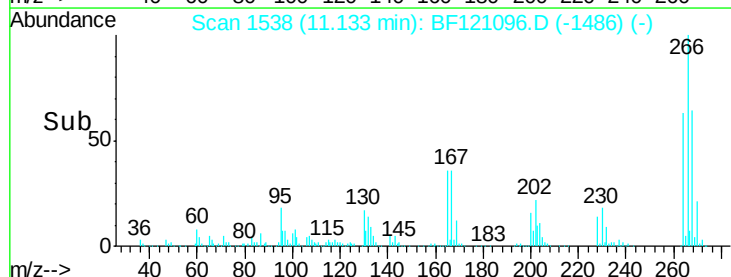
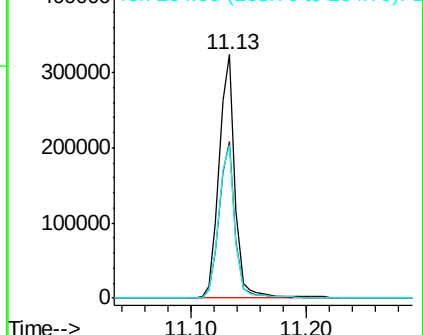
264 62.6 50.4 75.6

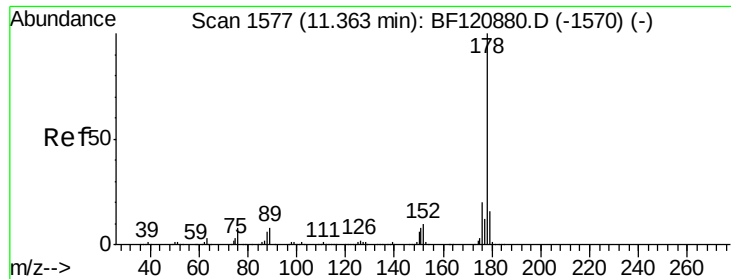


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

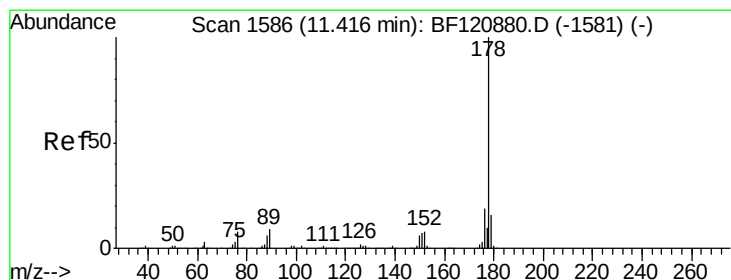
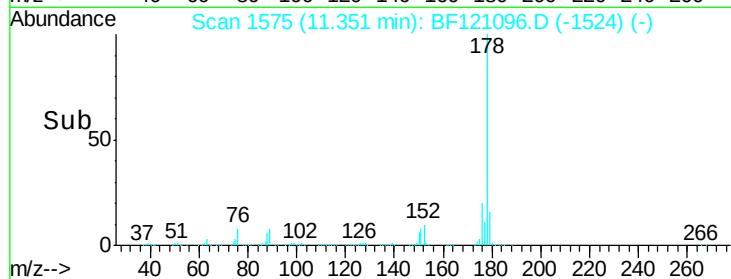
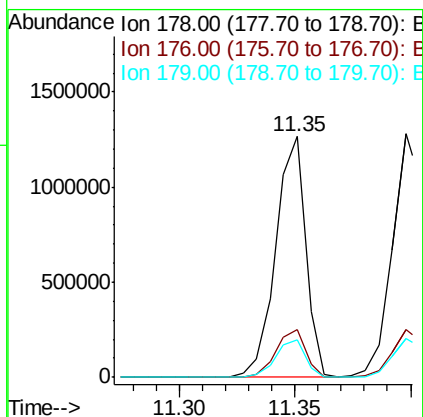
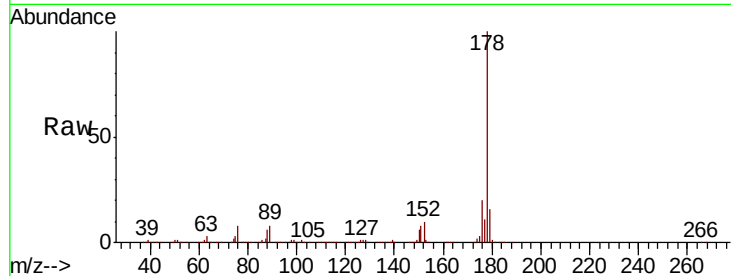




#71
Phenanthrene
Concen: 39.242 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

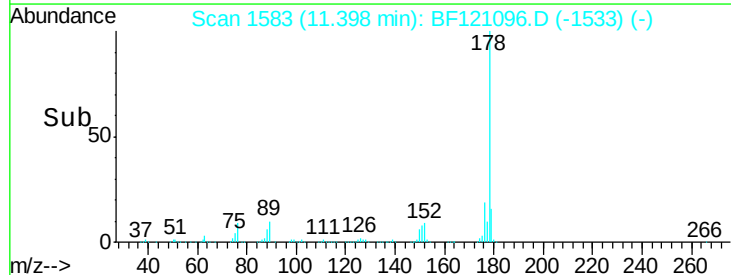
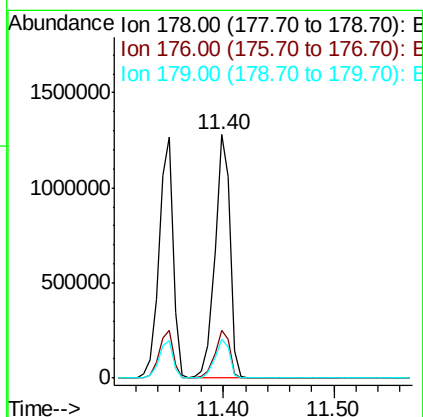
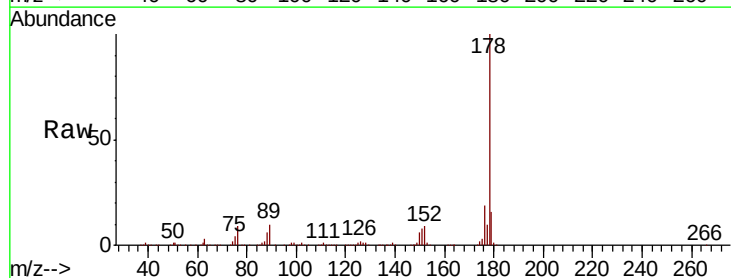
Instrument :
BNA_F
ClientSampleId :
PB130545BS

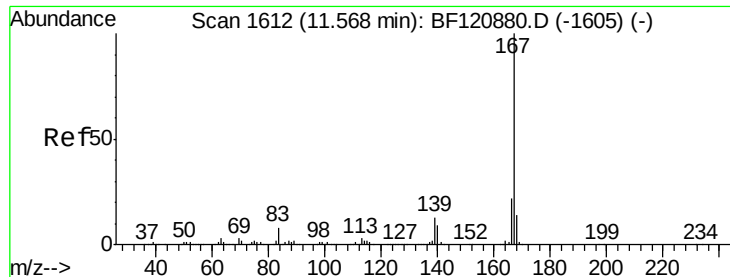
Tot Ion:178 Resp: 1138212
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.2
179 15.6 12.6 19.0



#72
Anthracene
Concen: 40.975 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Tgt Ion:178 Resp: 1193422
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 15.8 12.6 19.0

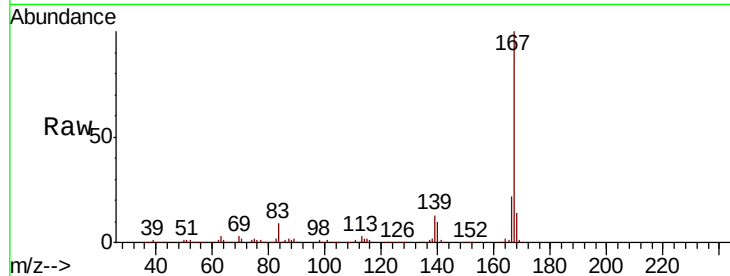




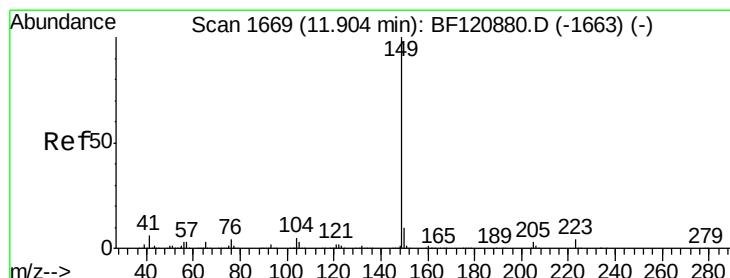
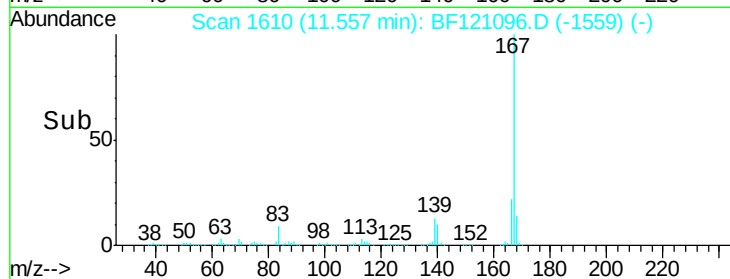
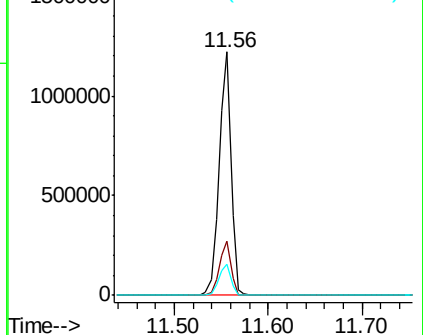
#73
 Carbazole
 Concen: 37.563 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BS

Tot Ion:167 Resp: 1085724
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.5 26.3
 139 12.8 10.5 15.7

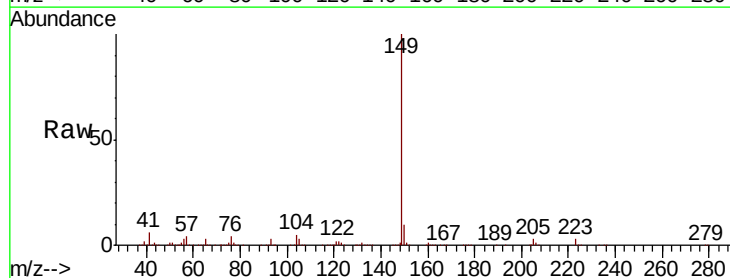


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

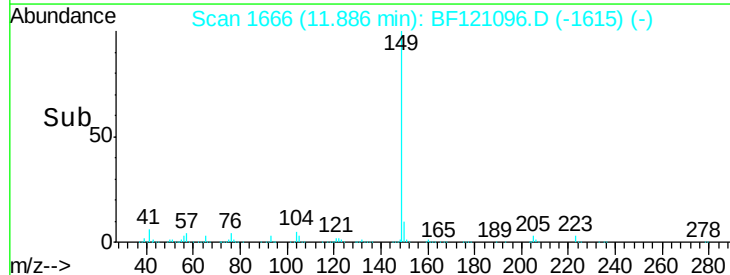
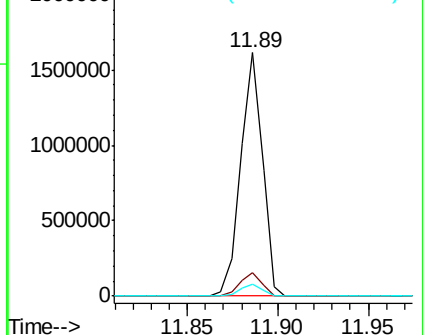


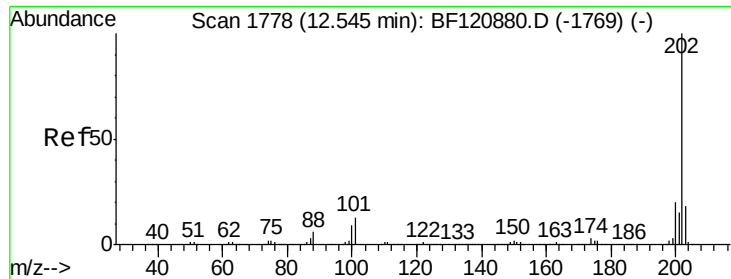
#74
 Di-n-butylphthalate
 Concen: 40.416 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

Tgt Ion:149 Resp: 1348113
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.8
 104 4.8 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

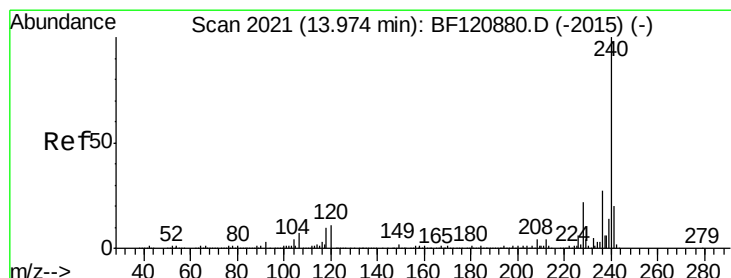
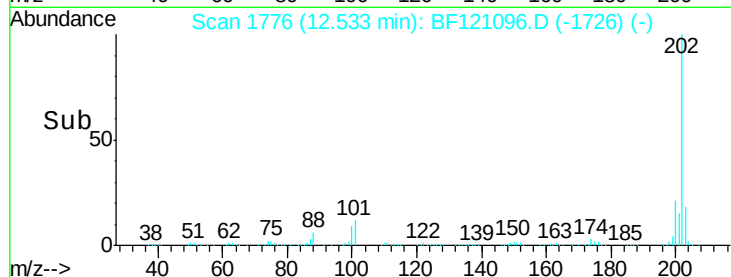
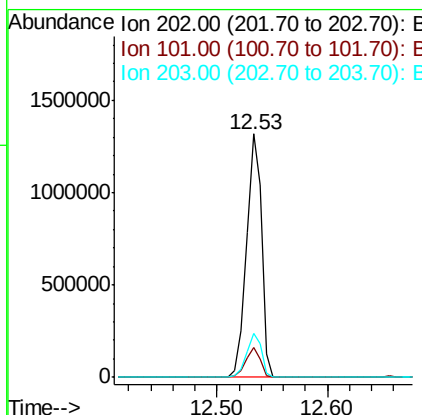
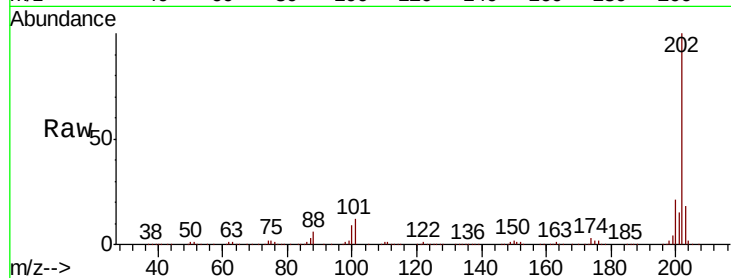




#75
 Fluoranthene
 Concen: 39.297 ng
 RT: 12.53 min Scan# 1776
 Delta R.T. -0.01 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

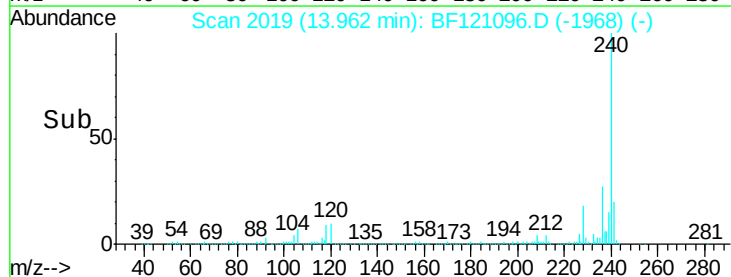
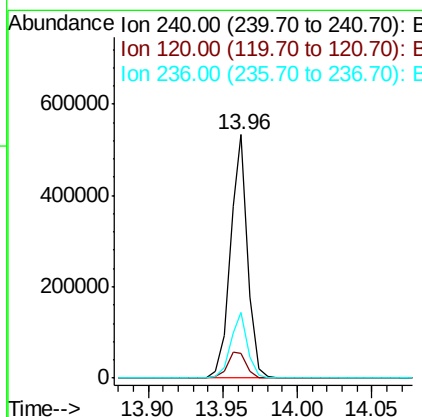
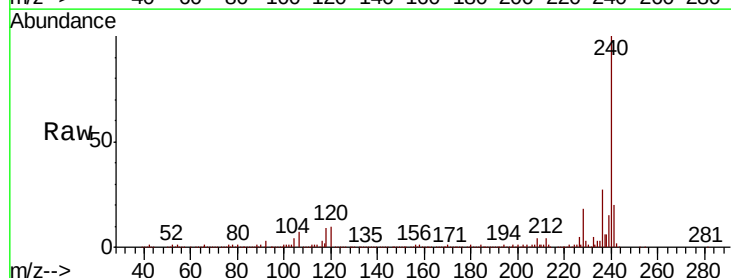
Instrument :
 BNA_F
 ClientSampleId :
 PB130545BS

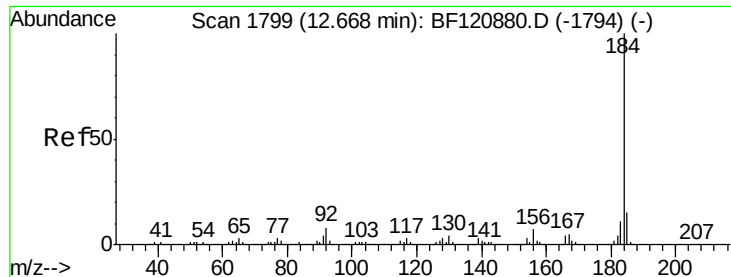
Tot Ion:202 Resp: 1263413
 Ion Ratio Lower Upper
 202 100
 101 12.0 0.0 30.5
 203 18.2 0.0 37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.00 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

Tgt Ion:240 Resp: 433103
 Ion Ratio Lower Upper
 240 100
 120 10.3 9.3 13.9
 236 26.9 21.1 31.7





#77

Benzidine

Concen: 71.696 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB130545BS

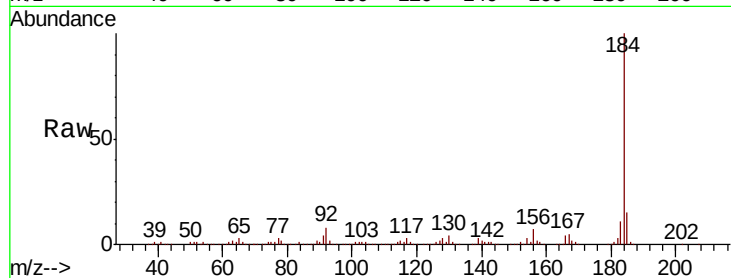
Tot Ion:184 Resp: 816402

Ion Ratio Lower Upper

184 100

185 14.6 12.1 18.1

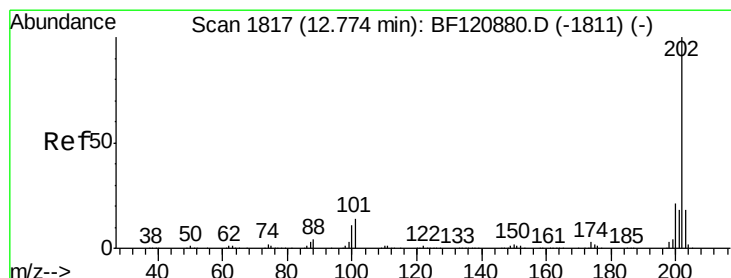
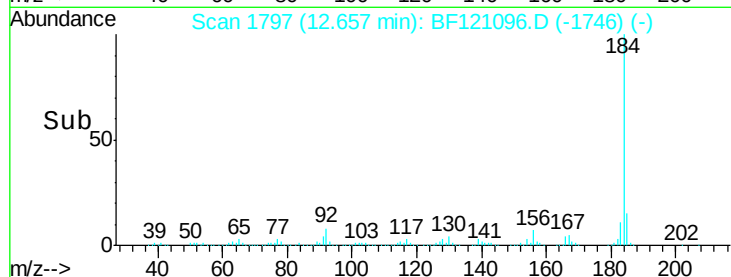
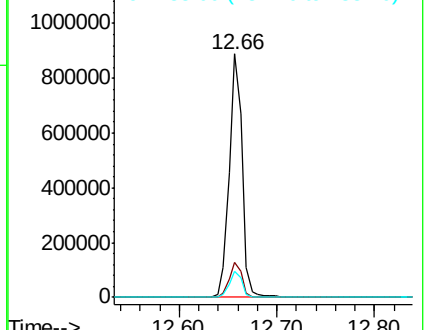
183 10.9 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.762 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

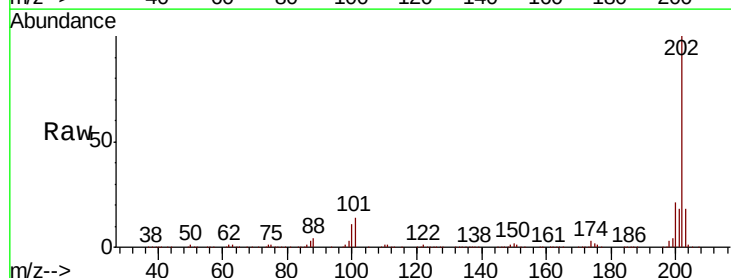
Tgt Ion:202 Resp: 1278785

Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.6

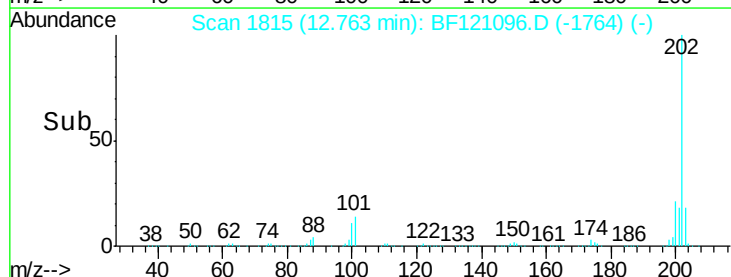
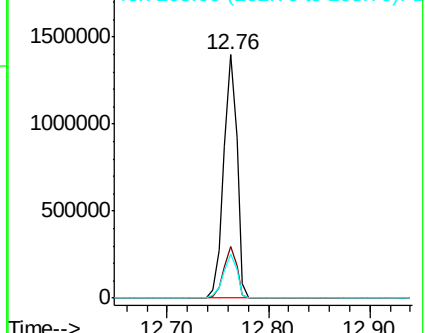
203 18.1 14.6 21.8

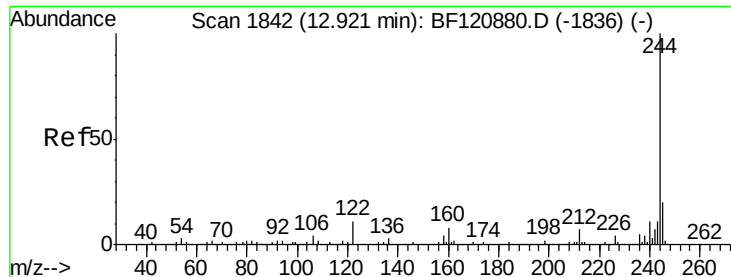


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.158 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB130545BS

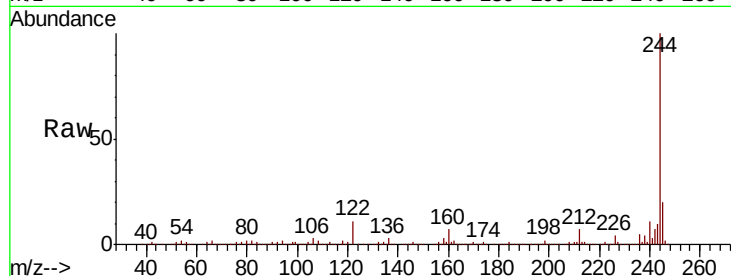
Tot Ion:244 Resp: 1656842

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

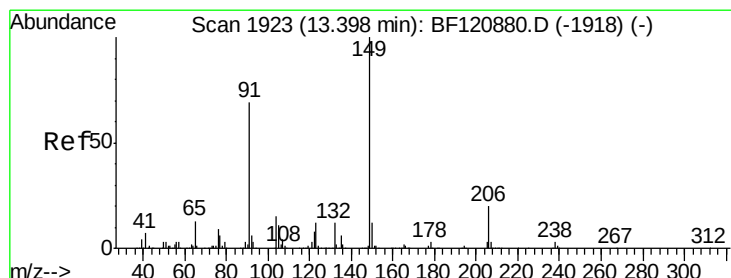
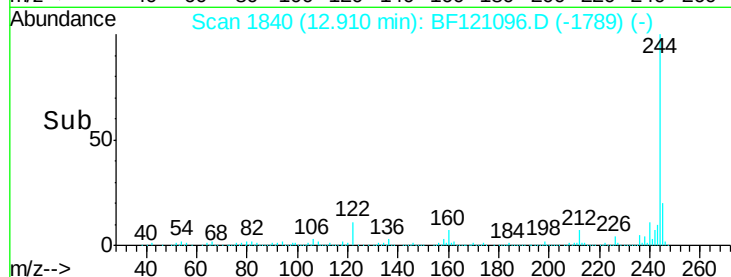
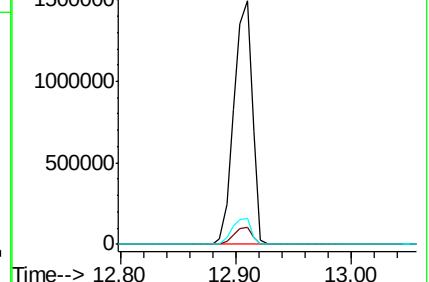
122 10.8 8.3 12.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.350 ng

RT: 13.38 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

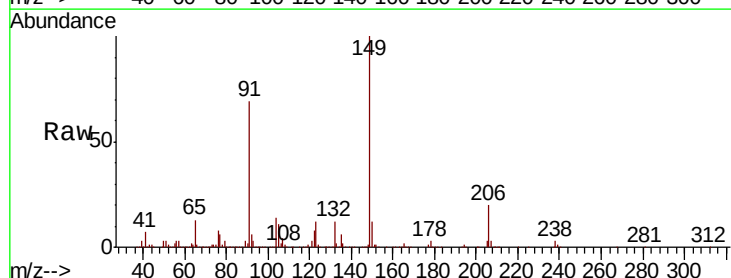
Tgt Ion:149 Resp: 578093

Ion Ratio Lower Upper

149 100

91 69.3 51.4 77.0

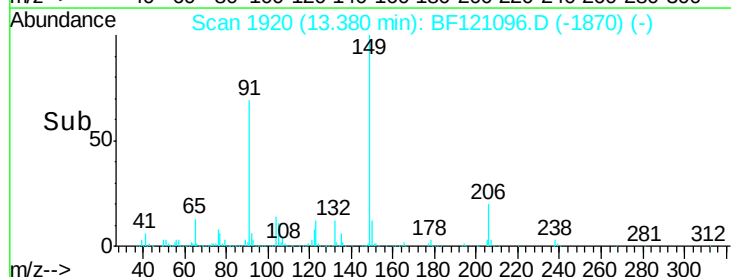
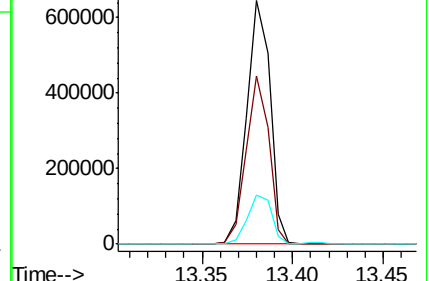
206 20.3 17.9 26.9

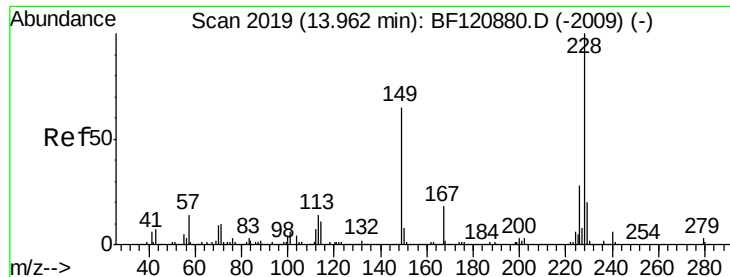


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.803 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB130545BS

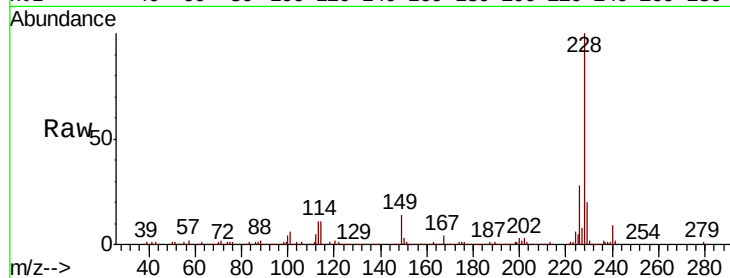
Tot Ion:228 Resp: 1043884

Ion Ratio Lower Upper

228 100

226 28.3 22.6 34.0

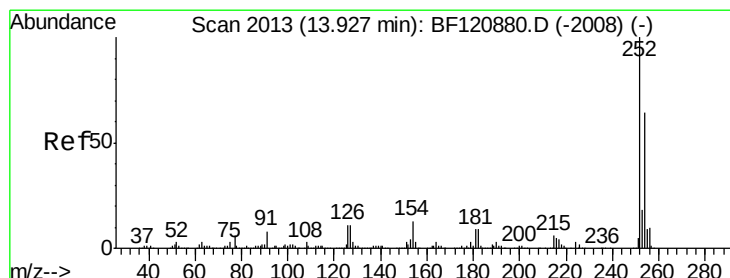
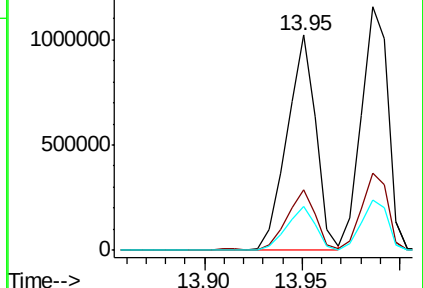
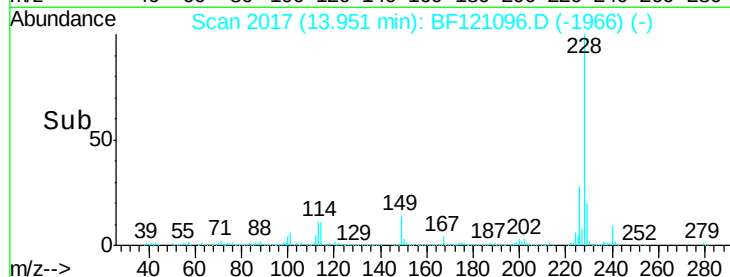
229 20.2 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.457 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

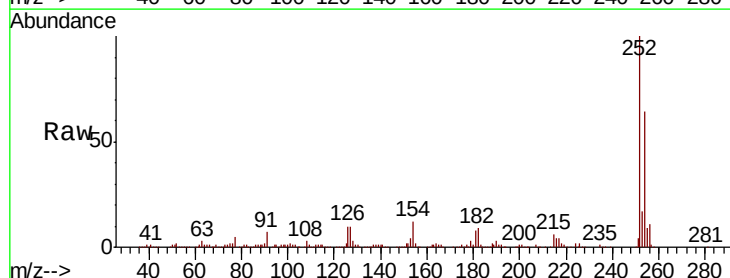
Tgt Ion:252 Resp: 321142

Ion Ratio Lower Upper

252 100

254 64.3 51.3 76.9

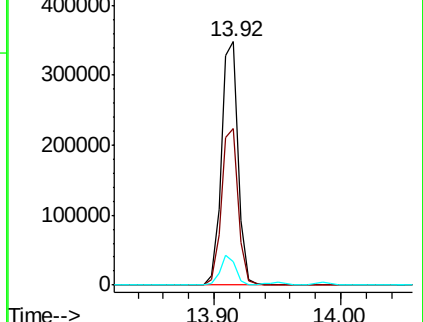
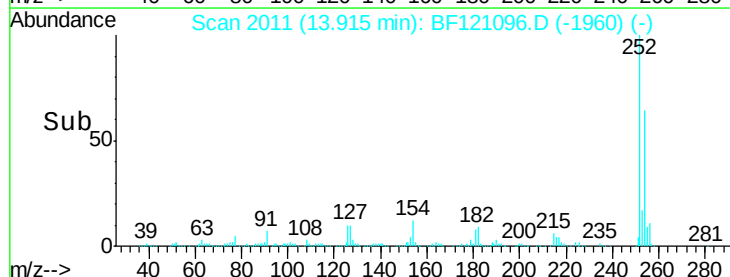
126 9.7 9.2 13.8

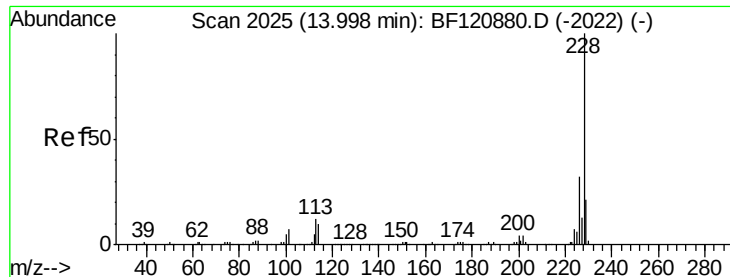


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.752 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB130545BS

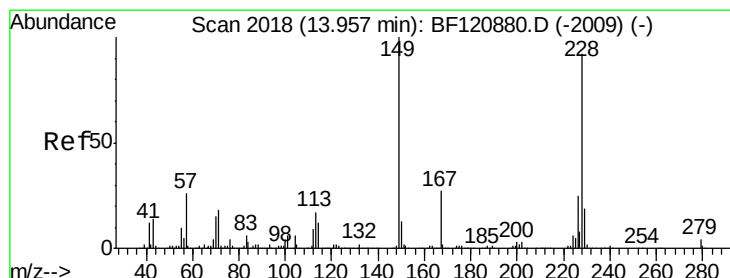
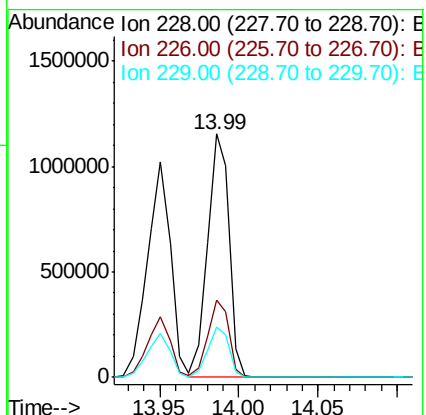
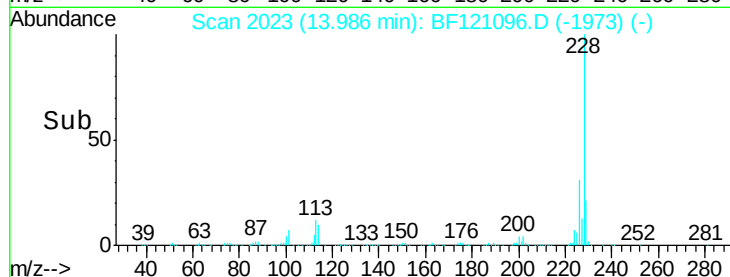
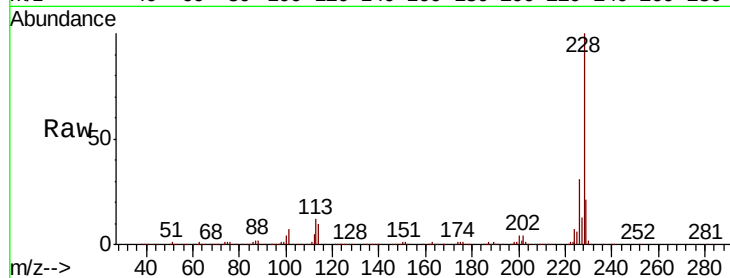
Tot Ion:228 Resp: 1095615

Ion Ratio Lower Upper

228 100

226 31.5 25.4 38.0

229 20.7 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.974 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

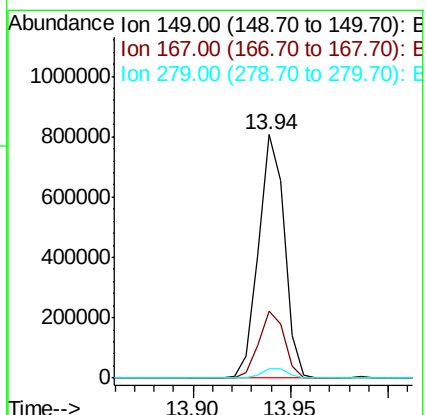
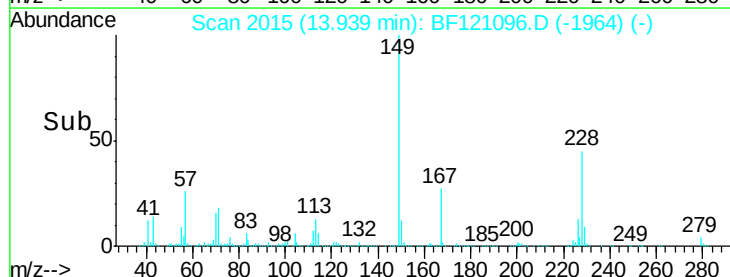
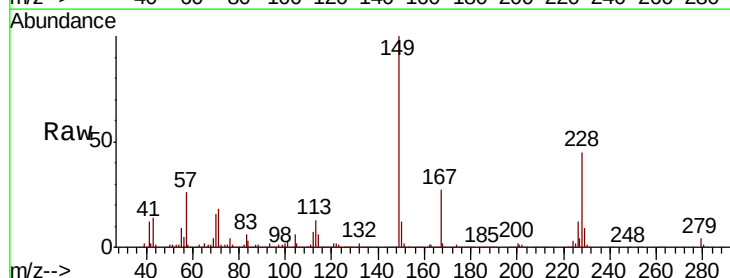
Tgt Ion:149 Resp: 740179

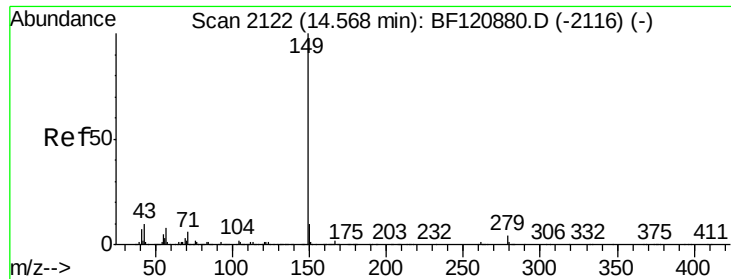
Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.6

279 3.7 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 41.779 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB130545BS

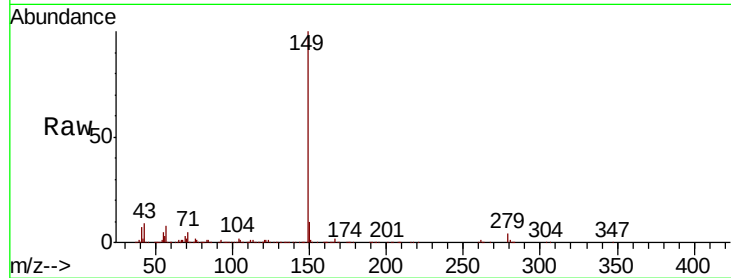
Tot Ion:149 Resp: 1399110

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

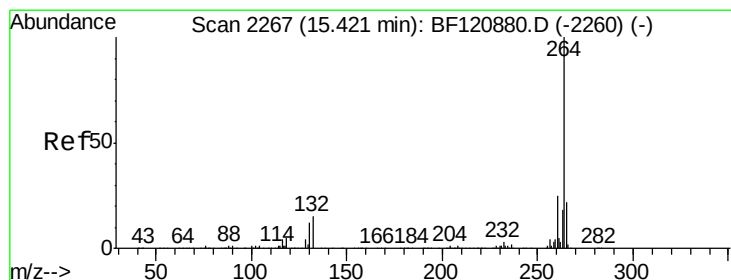
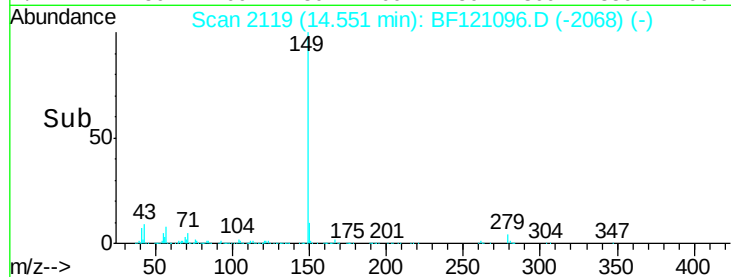
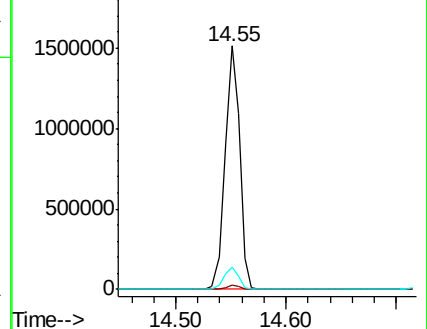
43 8.7 7.5 11.3



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: 15.40 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

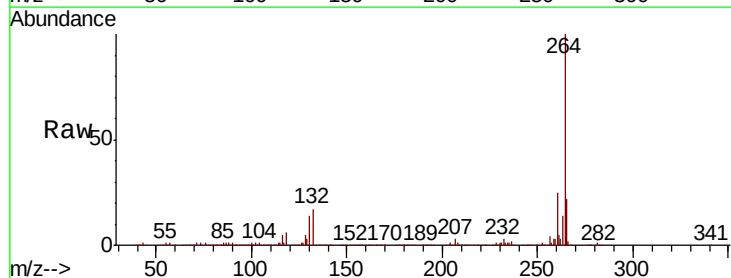
Tgt Ion:264 Resp: 450935

Ion Ratio Lower Upper

264 100

260 24.6 19.9 29.9

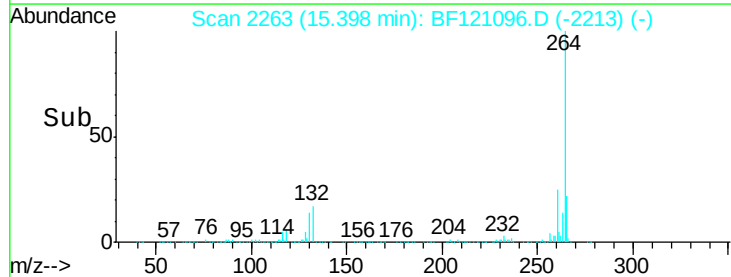
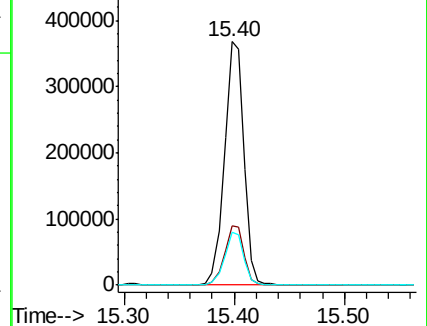
265 21.7 17.8 26.8

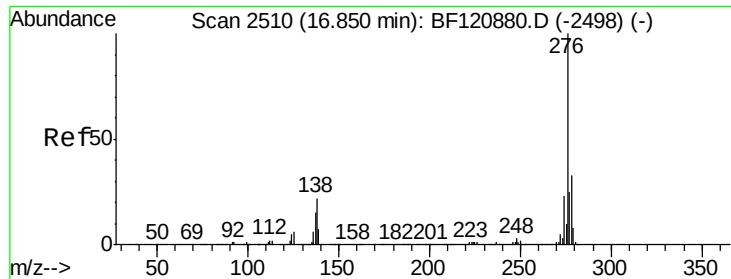


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

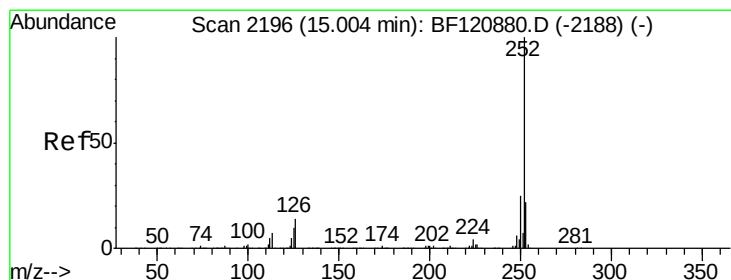
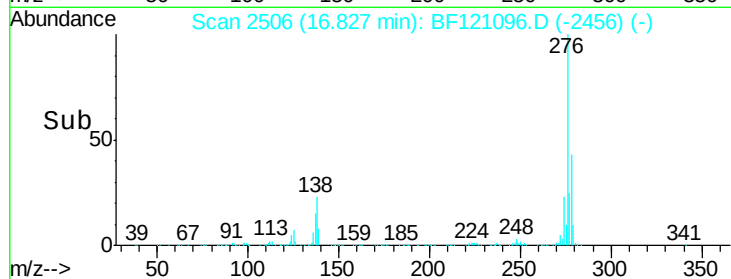
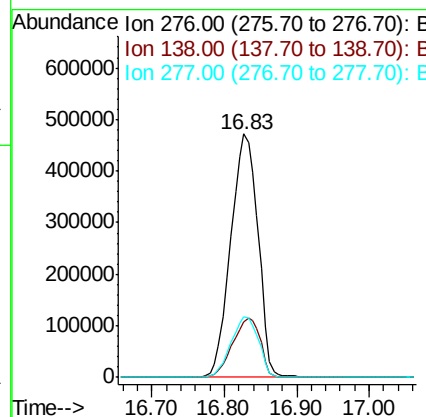
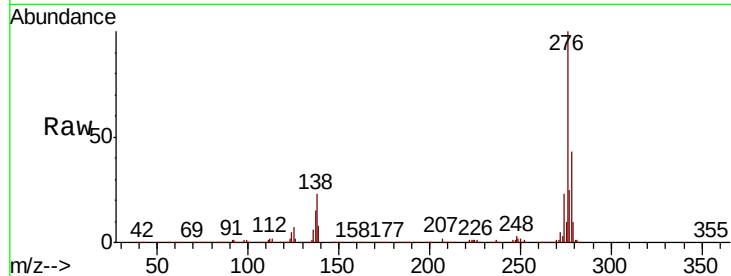




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.313 ng
 RT: 16.83 min Scan# 2506
 Delta R.T. -0.01 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

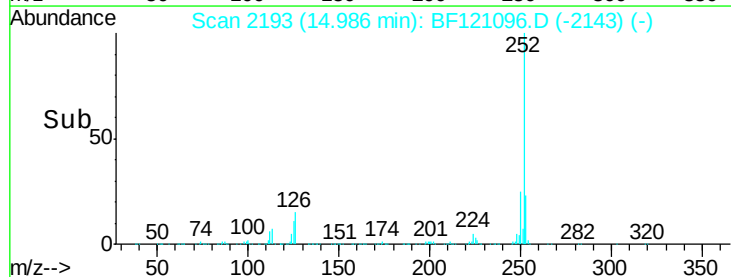
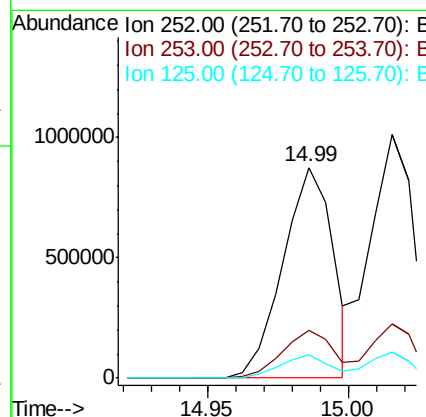
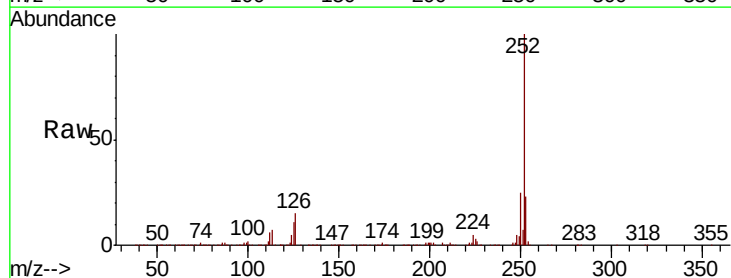
Instrument :
 BNA_F
 ClientSampleId :
 PB130545BS

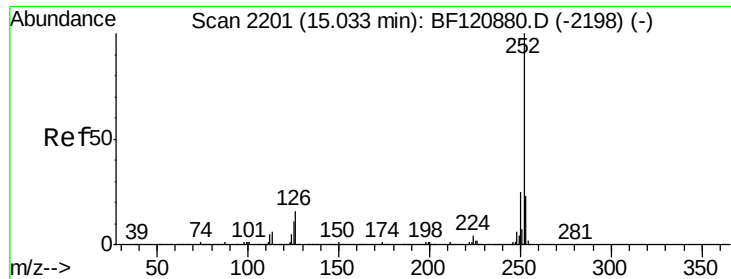
Tot Ion:276 Resp: 1232891
 Ion Ratio Lower Upper
 276 100
 138 24.9 19.3 28.9
 277 25.2 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 39.665 ng
 RT: 14.99 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

Tgt Ion:252 Resp: 1081173
 Ion Ratio Lower Upper
 252 100
 253 22.6 17.9 26.9
 125 10.9 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 43.481 ng

RT: 15.02 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB130545BS

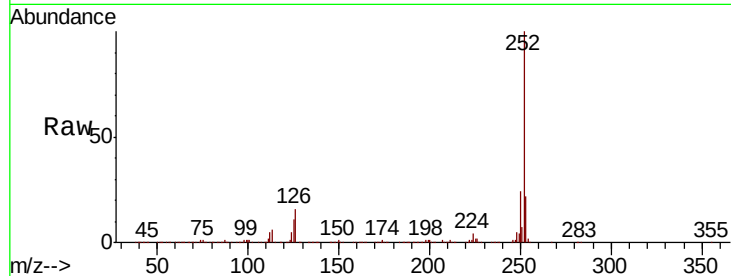
Tot Ion:252 Resp: 1080888

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

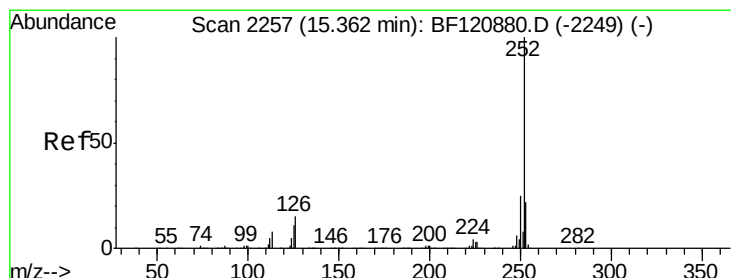
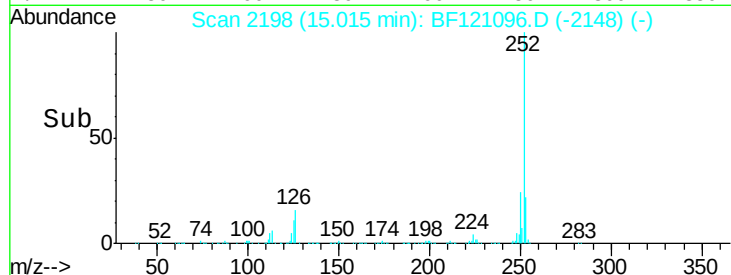
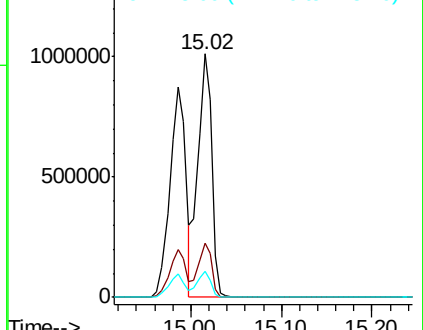
125 10.9 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.324 ng

RT: 15.34 min Scan# 2254

Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

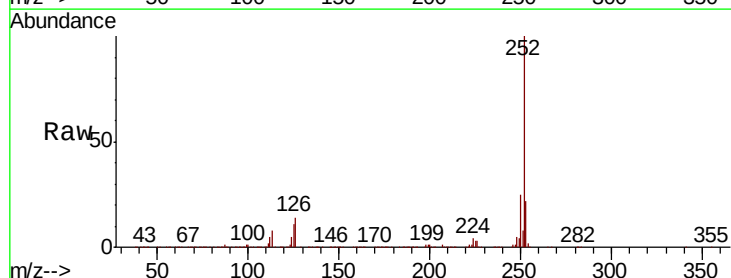
Tgt Ion:252 Resp: 1002807

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

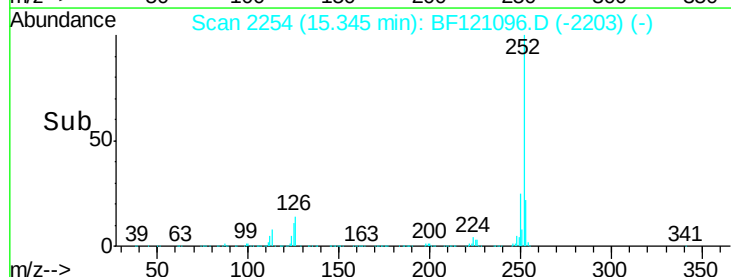
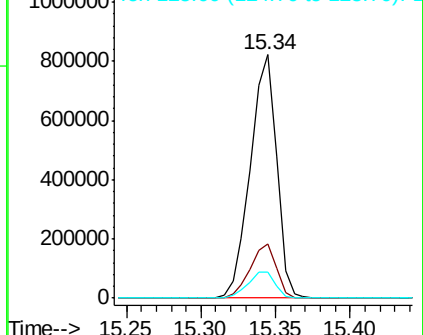
125 10.7 9.5 14.3

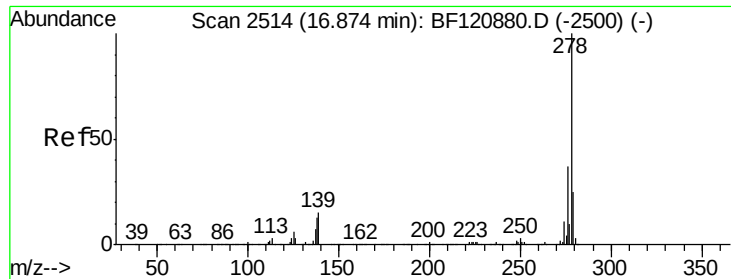


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 39.925 ng

RT: 16.84 min Scan# 2509

Delta R.T. -0.01 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Instrument :

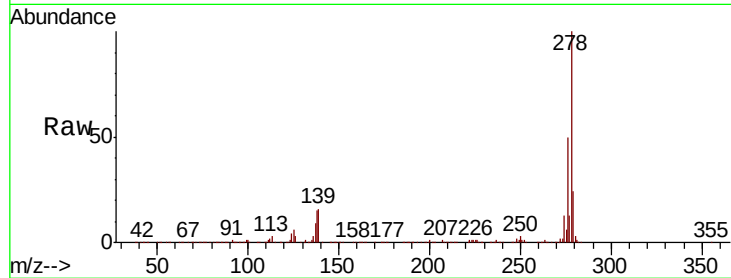
BNA_F

ClientSampleId :

PB130545BS

Tot Ion:278 Resp: 1022777

Ion	Ratio	Lower	Upper
278	100		
139	16.3	12.6	18.8
279	24.5	19.5	29.3

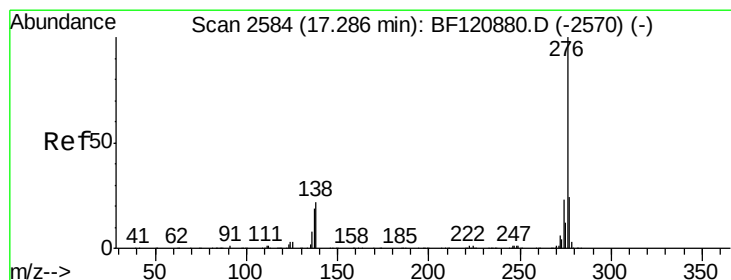
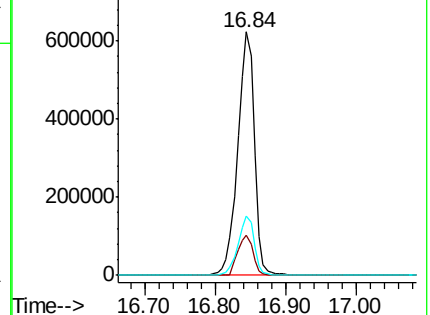
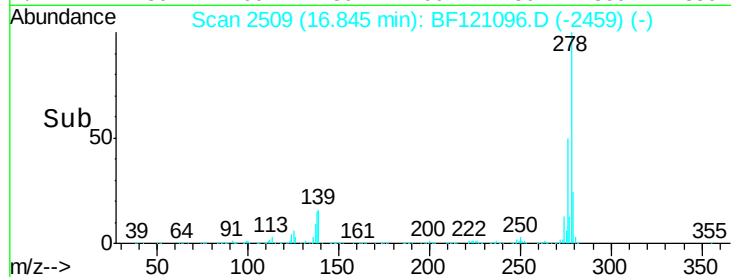


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.247 ng

RT: 17.26 min Scan# 2580

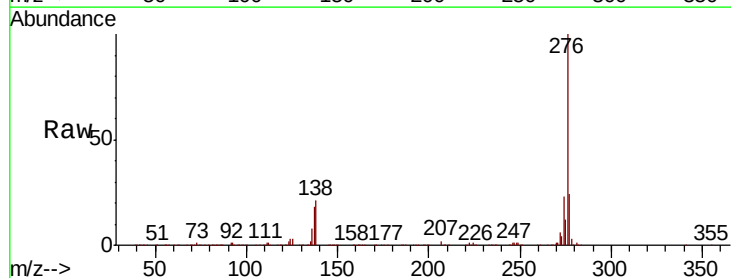
Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Tgt Ion:276 Resp: 1041829

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.4	29.0
138	20.9	17.2	25.8



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

