

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
 Data File : BF121302.D
 Acq On : 17 Aug 2020 11:01
 Operator : JU/CG
 Sample : PB131001BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131001BS

Quant Time: Aug 17 12:02:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 10:52:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	97154	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	375514	20.00	ng	0.00
39) Acenaphthene-d10	9.75	164	196216	20.00	ng	0.00
64) Phenanthrene-d10	11.23	188	379685	20.00	ng	0.00
76) Chrysene-d12	13.86	240	308077	20.00	ng	0.00
86) Perylene-d12	15.27	264	321123	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	596768	93.12	ng	0.00
7) Phenol-d6	6.35	99	711406	86.15	ng	0.00
23) Nitrobenzene-d5	7.27	82	462744	67.35	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	223611	92.56	ng	0.00
45) 2-Fluorobiphenyl	9.07	172	890909	62.81	ng	0.00
79) Terphenyl-d14	12.81	244	966614	61.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	82970	30.424	ng	97
3) Pyridine	3.04	79	205104	28.892	ng	96
4) n-Nitrosodimethylamine	2.98	42	110168	37.892	ng	99
6) Aniline	6.37	93	311763	31.847	ng	96
8) 2-Chlorophenol	6.49	128	260461	36.962	ng	99
9) Benzaldehyde	6.25	77	154964	36.414	ng	97
10) Phenol	6.36	94	314856	35.147	ng	95
11) bis(2-Chloroethyl)ether	6.45	93	245095	37.904	ng	99
12) 1,3-Dichlorobenzene	6.65	146	261498	35.121	ng	99
13) 1,4-Dichlorobenzene	6.72	146	269712	35.839	ng	99
14) 1,2-Dichlorobenzene	6.87	146	256993	36.183	ng	98
15) Benzyl Alcohol	6.85	79	203816	36.845	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	345527	37.109	ng	99
17) 2-Methylphenol	6.97	107	209462	37.631	ng	99
18) Hexachloroethane	7.22	117	98676	37.078	ng	96
19) n-Nitroso-di-n-propylamine	7.12	70	162039	35.316	ng	99
20) 3+4-Methylphenols	7.13	107	253767	35.934	ng	# 60
22) Acetophenone	7.12	105	337406	34.885	ng	# 96
24) Nitrobenzene	7.29	77	262977	35.273	ng	100
25) Isophorone	7.53	82	476492	34.541	ng	99
26) 2-Nitrophenol	7.61	139	135249	37.441	ng	99
27) 2,4-Dimethylphenol	7.65	122	227966	39.387	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	306094	39.670	ng	98
29) 2,4-Dichlorophenol	7.85	162	214105	36.175	ng	96
30) 1,2,4-Trichlorobenzene	7.93	180	230955	35.355	ng	100
31) Naphthalene	8.01	128	719927	34.077	ng	99
32) Benzoic acid	7.78	122	93813	32.259	ng	98
33) 4-Chloroaniline	8.06	127	242465	28.123	ng	100
34) Hexachlorobutadiene	8.13	225	132608	33.552	ng	98
35) Caprolactam	8.43	113	51183	28.711	ng	95
36) 4-Chloro-3-methylphenol	8.55	107	225580	37.357	ng	100
37) 2-Methylnaphthalene	8.70	142	487975	35.101	ng	99
38) 1-Methylnaphthalene	8.80	142	460443	34.980	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	230616	35.077	ng	99

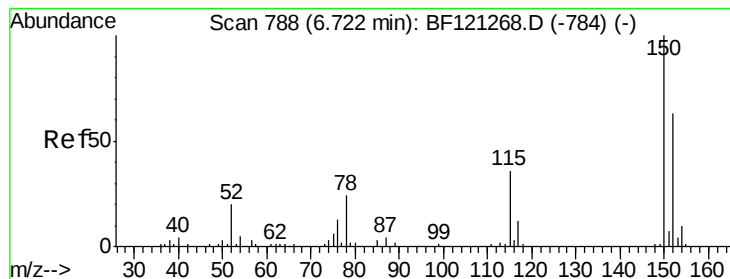
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
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 QLast Update : Mon Aug 17 10:52:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	190024	71.599	ng	98
43) 2,4,6-Trichlorophenol	8.99	196	153155	36.629	ng	100
44) 2,4,5-Trichlorophenol	9.03	196	166175	36.590	ng	99
46) 1,1'-Biphenyl	9.17	154	598015	35.272	ng	99
47) 2-Chloronaphthalene	9.19	162	458434	35.126	ng	100
48) 2-Nitroaniline	9.29	65	141890	38.679	ng	99
49) Acenaphthylene	9.60	152	735464	35.480	ng	99
50) Dimethylphthalate	9.47	163	552374	37.411	ng	98
51) 2,6-Dinitrotoluene	9.53	165	123210	37.435	ng	99
52) Acenaphthene	9.77	154	426248	34.731	ng	98
53) 3-Nitroaniline	9.70	138	101243	26.941	ng	98
54) 2,4-Dinitrophenol	9.82	184	108494	65.400	ng	97
55) Dibenzofuran	9.95	168	656003	33.565	ng	98
56) 4-Nitrophenol	9.87	139	187569	77.342	ng	92
57) 2,4-Dinitrotoluene	9.94	165	160667	37.197	ng	94
58) Fluorene	10.29	166	497299	33.614	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	142202	39.601	ng	99
60) Diethylphthalate	10.17	149	546869	36.423	ng	99
61) 4-Chlorophenyl-phenylether	10.29	204	246534	34.263	ng	98
62) 4-Nitroaniline	10.32	138	136045	36.107	ng	100
63) Azobenzene	10.45	77	520147	34.672	ng	99
65) 4,6-Dinitro-2-methylphenol	10.35	198	83219	36.938	ng	85
66) n-Nitrosodiphenylamine	10.40	169	468091	35.954	ng	98
67) 4-Bromophenyl-phenylether	10.77	248	162457	36.681	ng	98
68) Hexachlorobenzene	10.84	284	184430	36.518	ng	99
69) Atrazine	10.93	200	130665	33.554	ng	99
70) Pentachlorophenol	11.04	266	181395	80.614	ng	97
71) Phenanthrene	11.25	178	762169	35.088	ng	99
72) Anthracene	11.30	178	793951	36.424	ng	99
73) Carbazole	11.46	167	737320	34.587	ng	100
74) Di-n-butylphthalate	11.79	149	872550	36.262	ng	100
75) Fluoranthene	12.43	202	860560	35.580	ng	100
77) Benzidine	12.56	184	408430	50.430	ng	99
78) Pyrene	12.66	202	887521	38.686	ng	100
80) Butylbenzylphthalate	13.29	149	372242	39.722	ng	99
81) Benzo(a)anthracene	13.85	228	732613	35.061	ng	100
82) 3,3'-Dichlorobenzidine	13.82	252	226902	27.370	ng	99
83) Chrysene	13.89	228	768875	36.040	ng	99
84) Bis(2-ethylhexyl)phthalate	13.84	149	462853	35.834	ng	100
85) Di-n-octyl phthalate	14.46	149	877275	37.044	ng	100
87) Indeno(1,2,3-cd)pyrene	16.64	276	798891	33.461	ng	100
88) Benzo(b)fluoranthene	14.87	252	782787	36.381	ng	100
89) Benzo(k)fluoranthene	14.90	252	723585	36.214	ng	99
90) Benzo(a)pyrene	15.22	252	689279	35.493	ng	100
91) Dibenzo(a,h)anthracene	16.65	278	668142	32.660	ng	99
92) Benzo(g,h,i)perylene	17.04	276	672131	33.293	ng	99

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

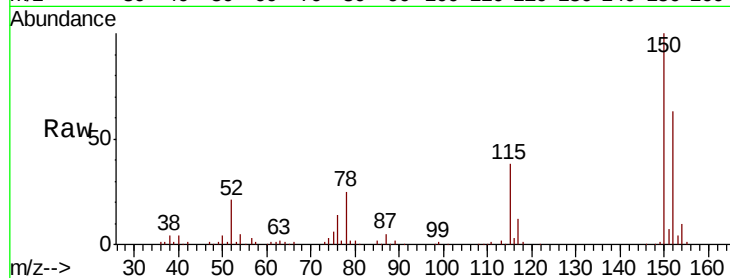


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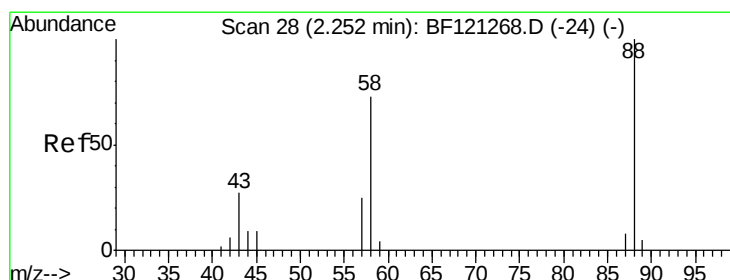
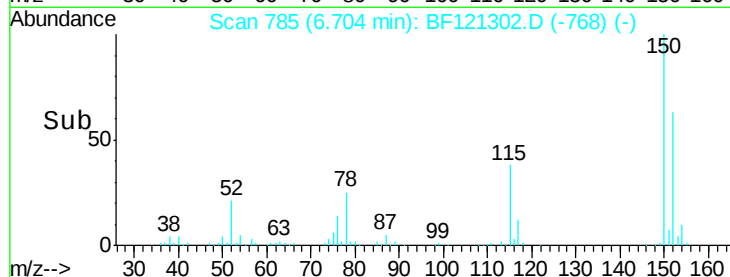
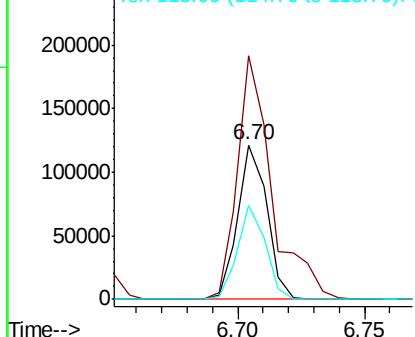
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF121302.D
Acq: 17 Aug 2020 11:01

Instrument :
BNA_F
ClientSampleId :
PB131001BS

Tot Ion:152 Resp: 97154
Ion Ratio Lower Upper
152 100
150 157.8 123.9 185.9
115 60.5 47.3 70.9



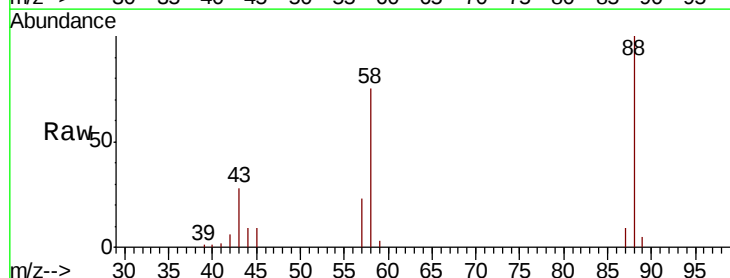
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



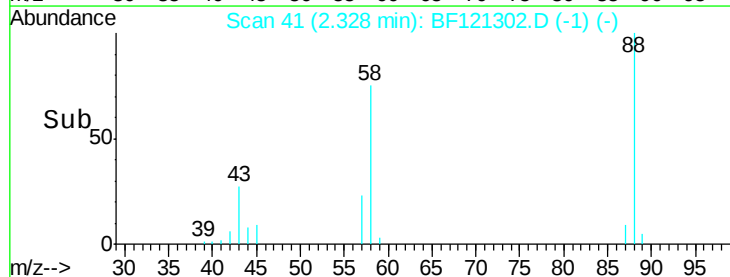
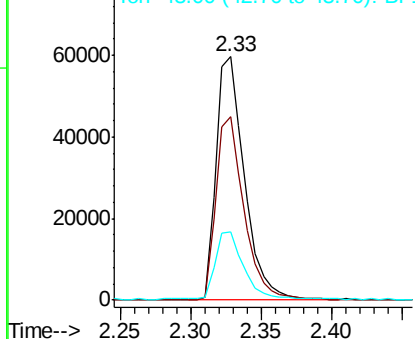
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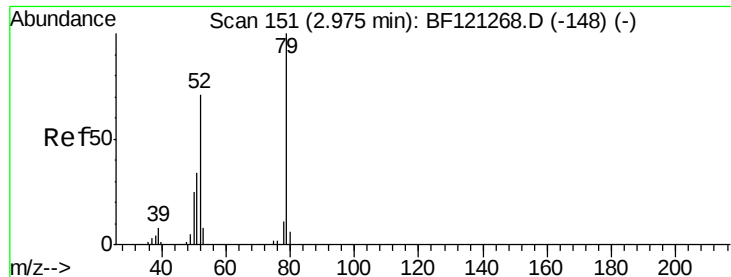
1,4-Dioxane
Concen: 30.424 ng
RT: 2.33 min Scan# 41
Delta R.T. 0.06 min
Lab File: BF121302.D
Acq: 17 Aug 2020 11:01

Tgt Ion: 88 Resp: 82970
Ion Ratio Lower Upper
88 100
58 74.9 57.8 86.8
43 30.1 22.2 33.2



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

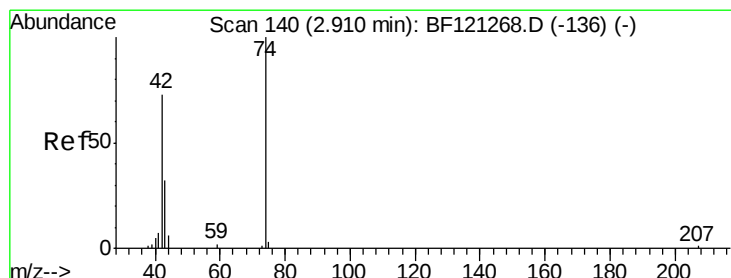
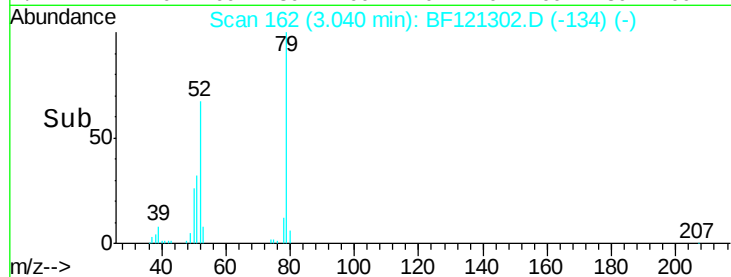
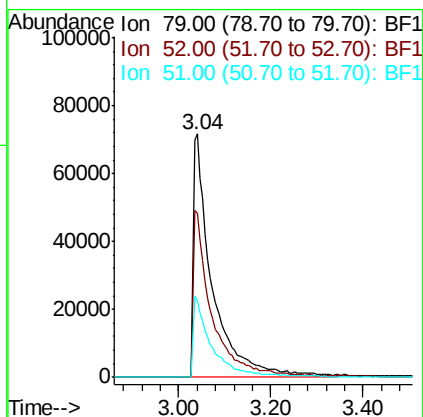
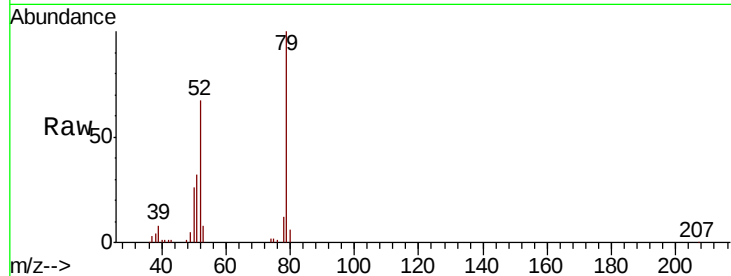




#3
 Pvridine
 Concen: 28.892 ng
 RT: 3.04 min Scan# 162
 Delta R.T. 0.06 min
 Lab File: BF121302.D
 Acq: 17 Aug 2020 11:01

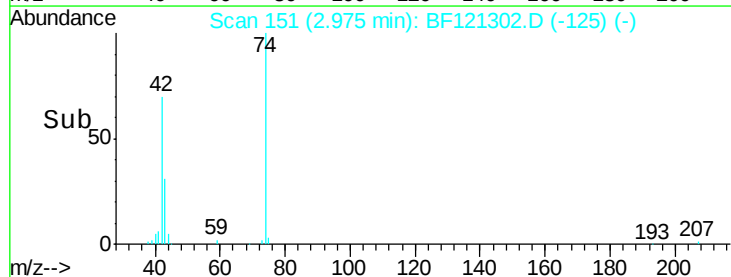
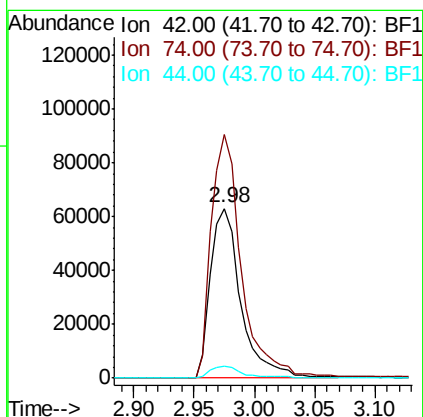
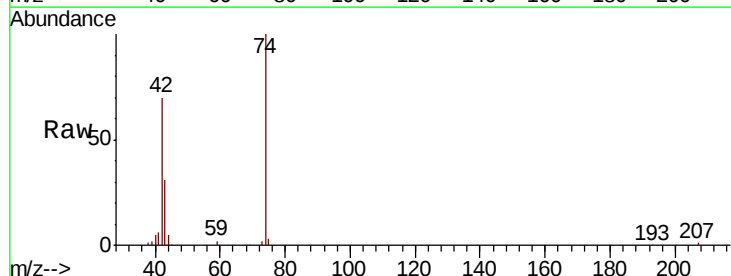
Instrument :
 BNA_F
 ClientSampleId :
 PB131001BS

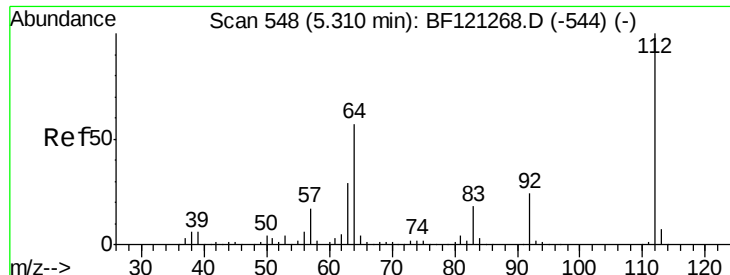
Tot Ion	Ratio	Lower	Upper
79	100		
52	67.4	56.9	85.3
51	31.8	26.3	39.5



#4
 n-Nitrosodimethylamine
 Concen: 37.892 ng
 RT: 2.98 min Scan# 151
 Delta R.T. 0.05 min
 Lab File: BF121302.D
 Acq: 17 Aug 2020 11:01

Tgt Ion	Ratio	Lower	Upper
42	100		
74	143.7	115.8	173.8
44	6.9	5.7	8.5





#5

2-Fluorophenol

Concen: 93.124 ng

RT: 5.31 min Scan# 548

Delta R.T. 0.01 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

Instrument :

BNA_F

ClientSampleId :

PB131001BS

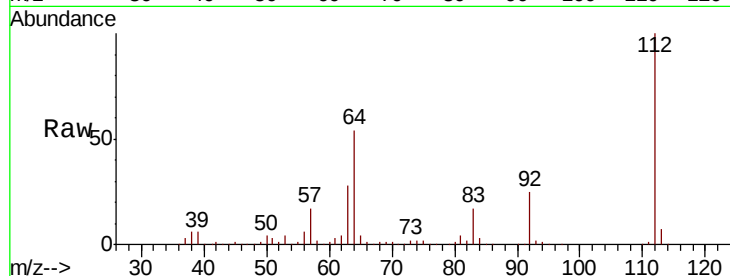
Tot Ion:112 Resp: 596768

Ion Ratio Lower Upper

112 100

64 54.0 42.9 64.3

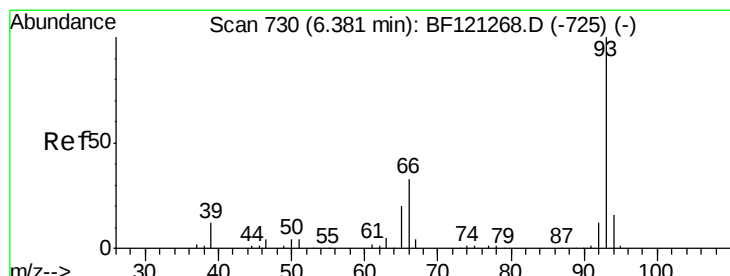
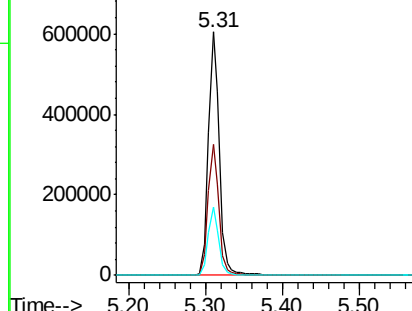
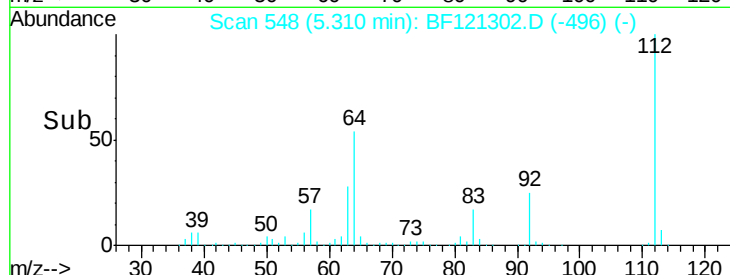
63 28.1 22.2 33.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.847 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

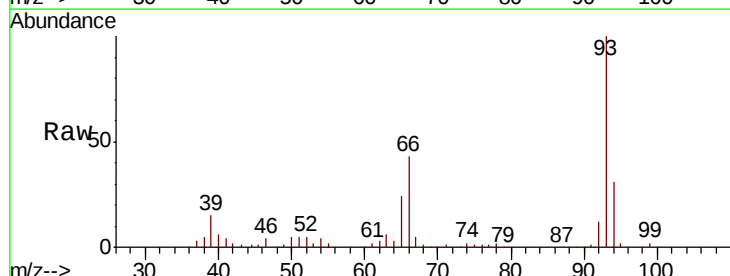
Tgt Ion: 93 Resp: 311763

Ion Ratio Lower Upper

93 100

66 43.0 32.2 48.4

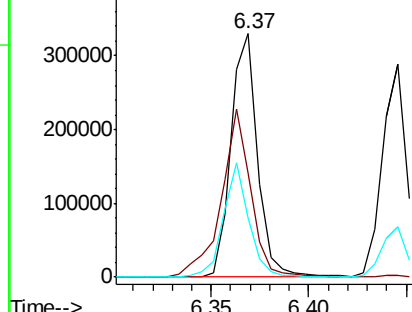
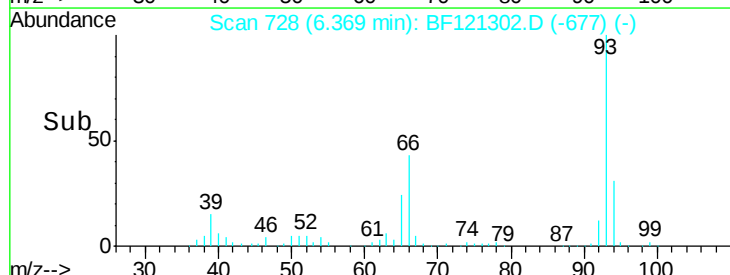
65 24.3 18.2 27.4

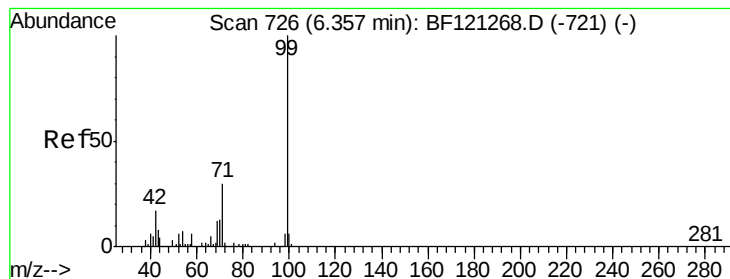


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 86.148 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

Instrument :

BNA_F

ClientSampleId :

PB131001BS

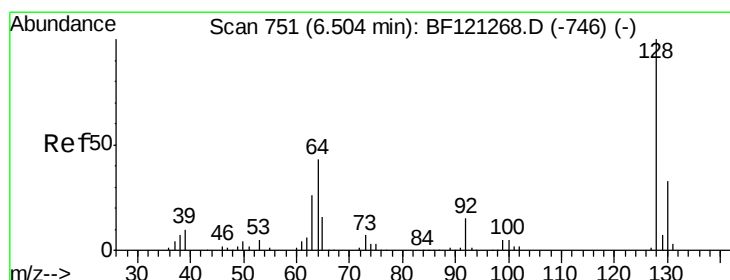
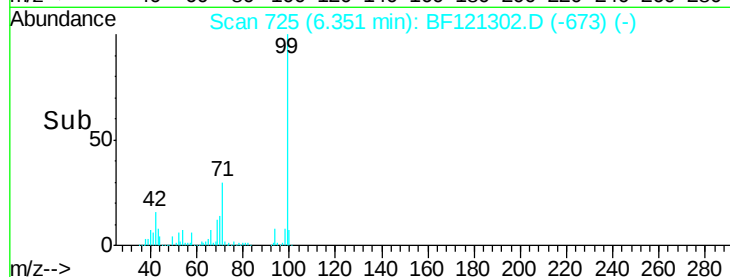
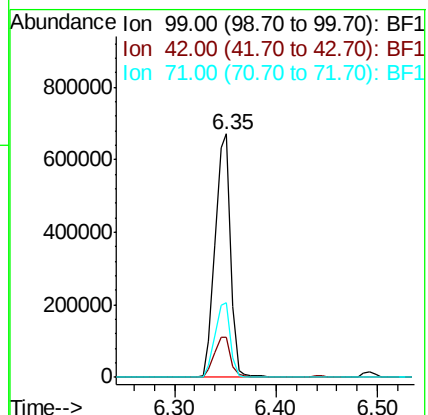
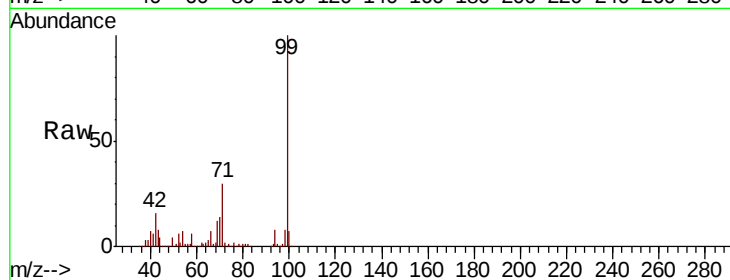
Tot Ion: 99 Resp: 711406

Ion Ratio Lower Upper

99 100

42 16.2 13.8 20.8

71 30.5 24.8 37.2



#8

2-Chlorophenol

Concen: 36.962 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

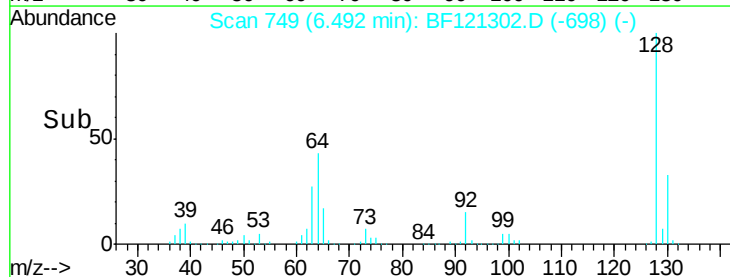
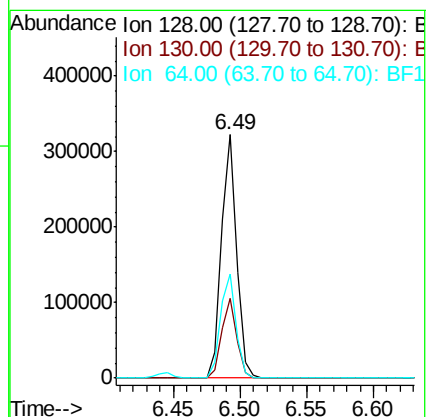
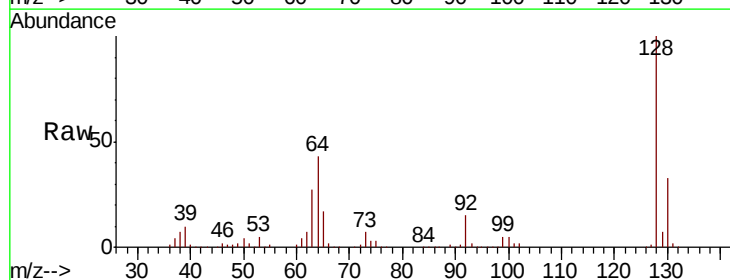
Tgt Ion: 128 Resp: 260461

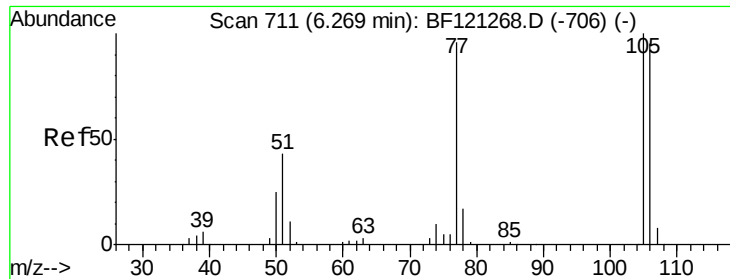
Ion Ratio Lower Upper

128 100

130 32.7 11.9 51.9

64 42.6 22.5 62.5

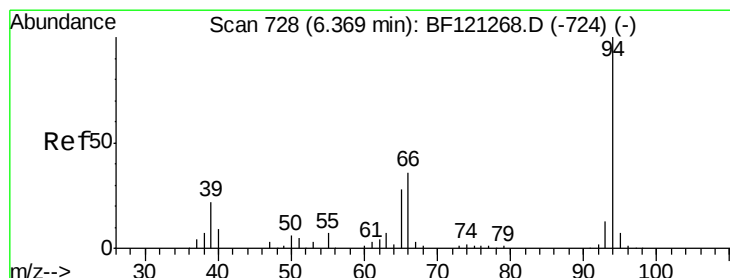
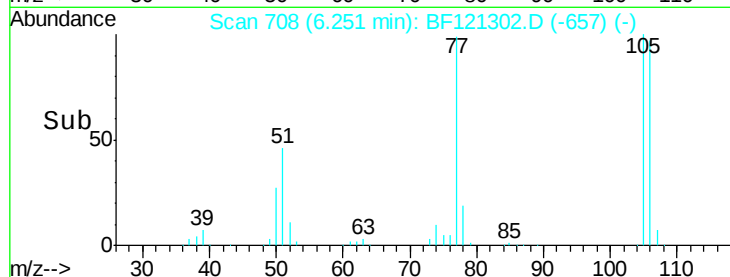
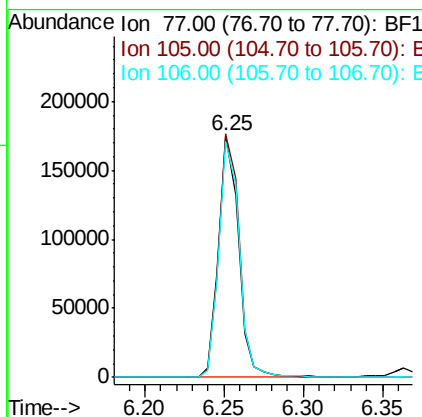
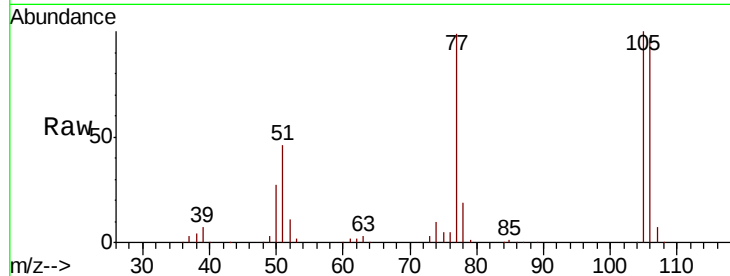




#9
Benzaldehyde
Concen: 36.414 ng
RT: 6.25 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF121302.D
Acq: 17 Aug 2020 11:01

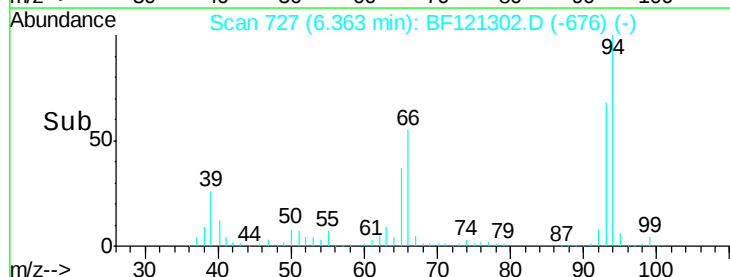
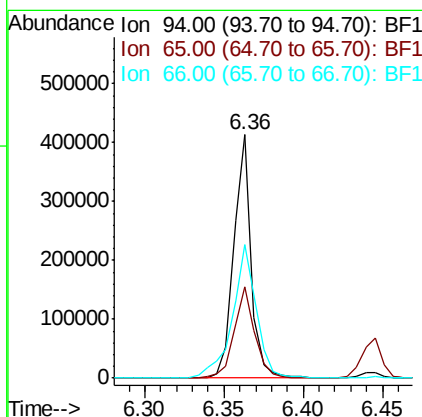
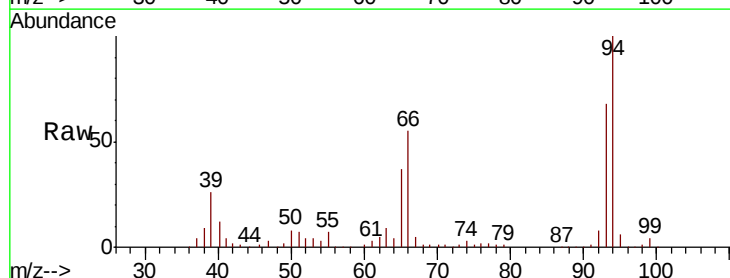
Instrument :
BNA_F
ClientSampleId :
PB131001BS

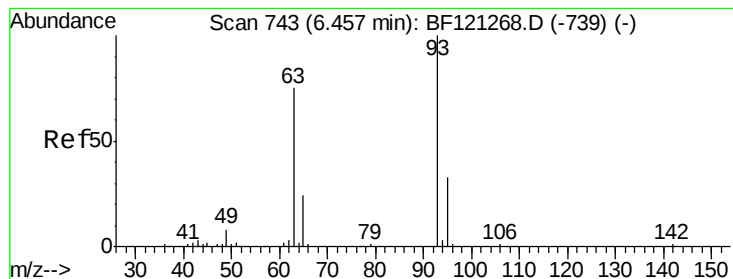
Tot Ion: 77 Resp: 154964
Ion Ratio Lower Upper
77 100
105 100.8 77.6 117.6
106 97.7 74.9 114.9



#10
Phenol
Concen: 35.147 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF121302.D
Acq: 17 Aug 2020 11:01

Tgt Ion: 94 Resp: 314856
Ion Ratio Lower Upper
94 100
65 37.3 19.2 59.2
66 54.9 39.6 79.6

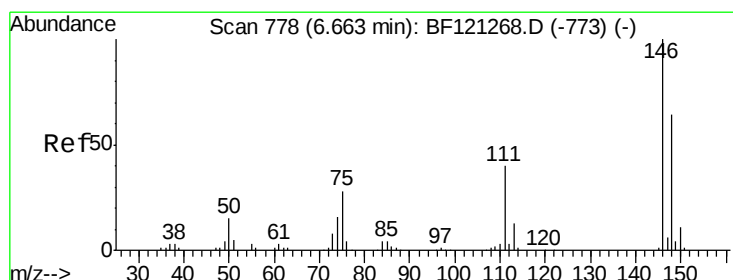
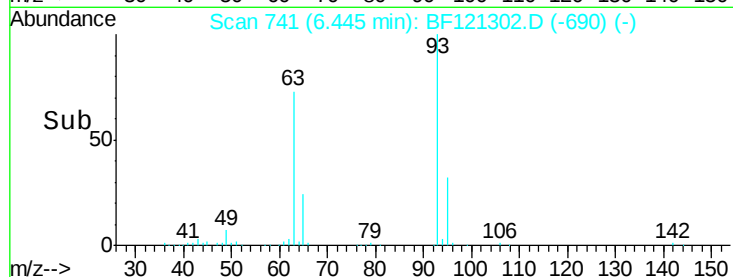
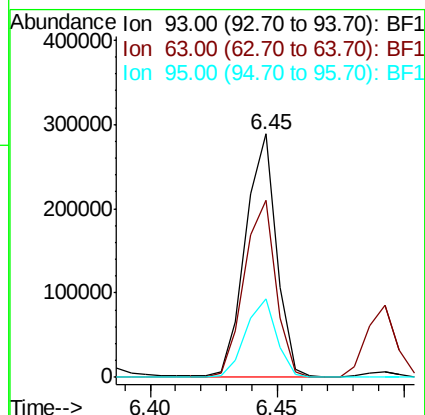
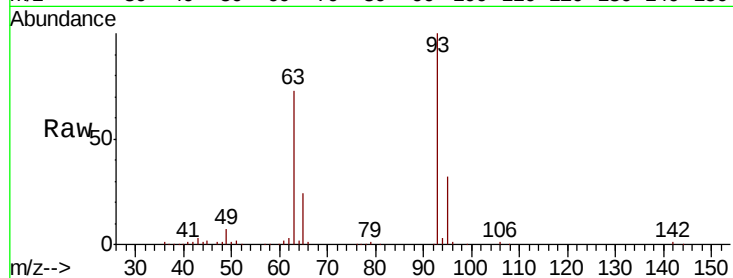




#11
 bis(2-Chloroethyl)ether
 Concen: 37.904 ng
 RT: 6.45 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF121302.D
 Acq: 17 Aug 2020 11:01

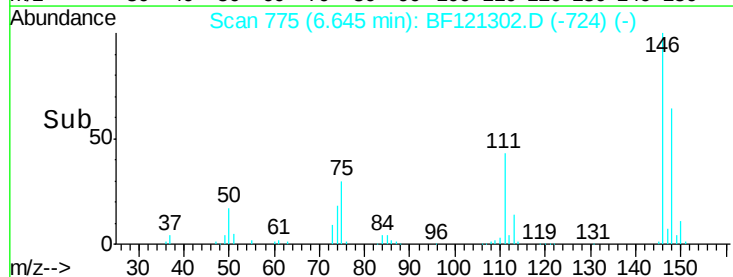
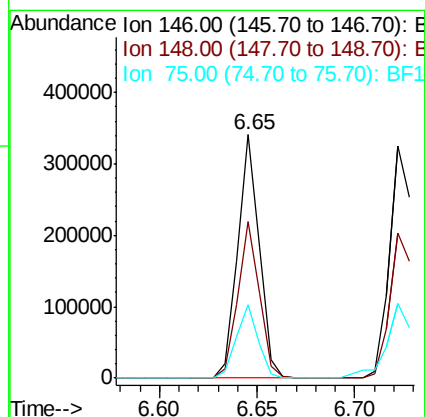
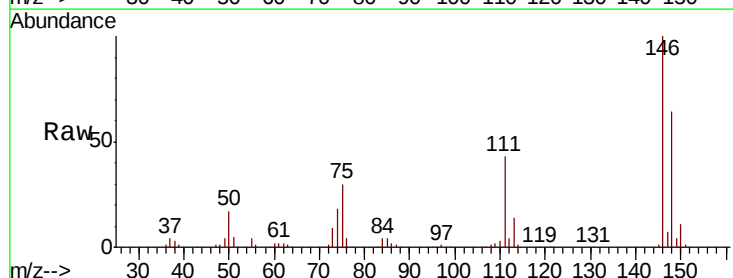
Instrument :
 BNA_F
 ClientSampleId :
 PB131001BS

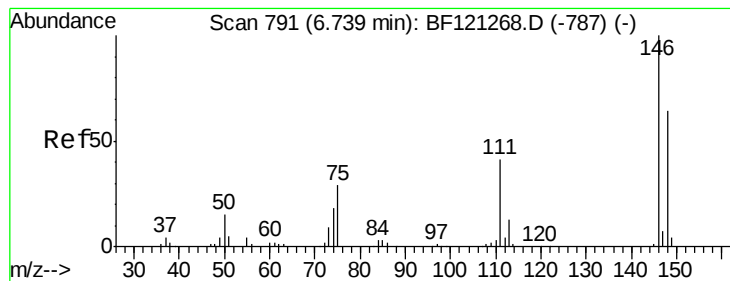
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.7	53.9	93.9
95	32.3	12.4	52.4



#12
 1,3-Dichlorobenzene
 Concen: 35.121 ng
 RT: 6.65 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF121302.D
 Acq: 17 Aug 2020 11:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
75	30.1	24.1	36.1





#13

1,4-Dichlorobenzene

Concen: 35.839 ng

RT: 6.72 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

Instrument :

BNA_F

ClientSampleId :

PB131001BS

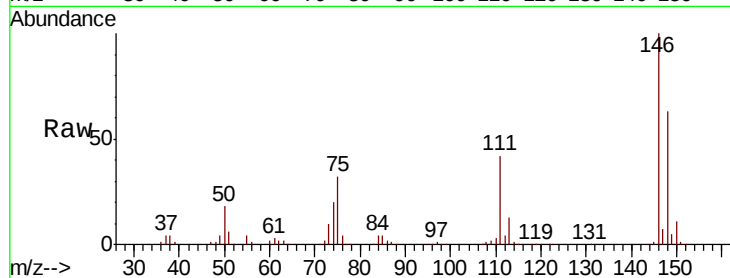
Tot Ion:146 Resp: 269712

Ion Ratio Lower Upper

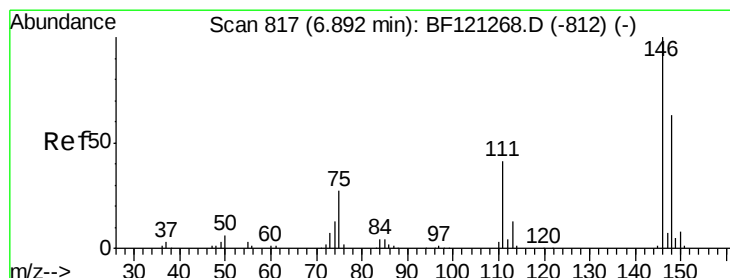
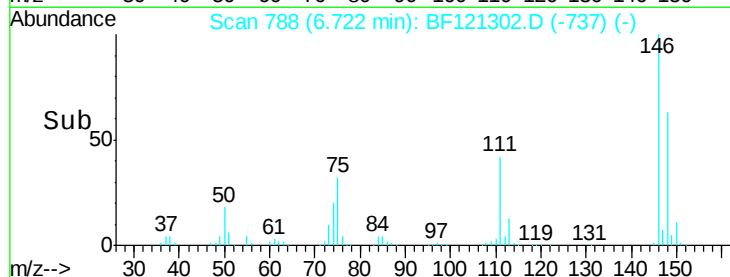
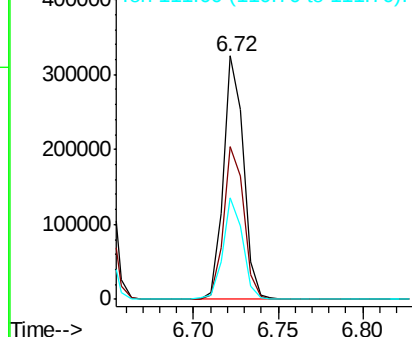
146 100

148 62.6 50.6 75.8

111 41.6 33.0 49.6



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: 36.183 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

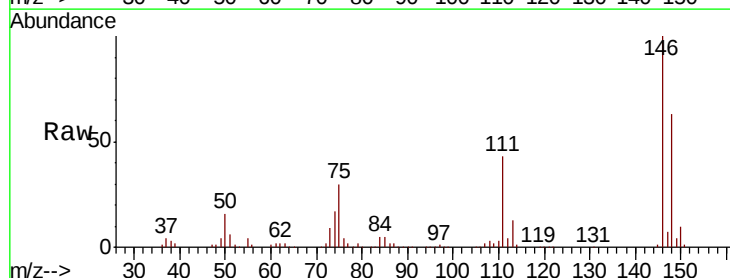
Tgt Ion:146 Resp: 256993

Ion Ratio Lower Upper

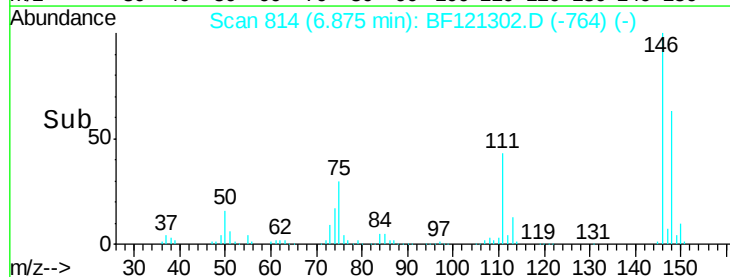
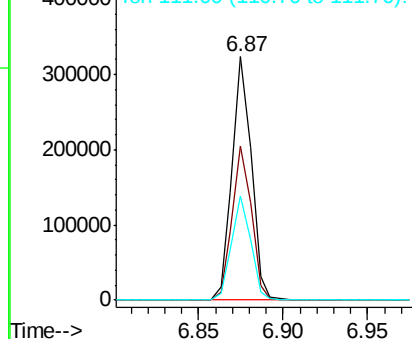
146 100

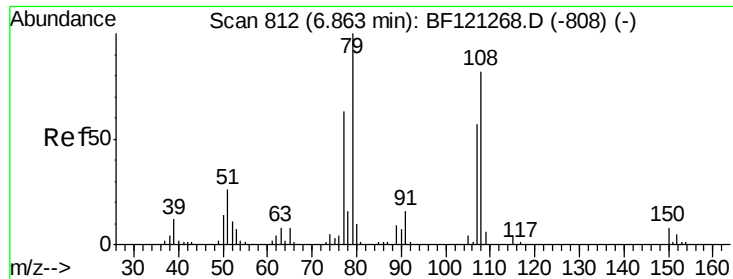
148 63.3 51.4 77.0

111 42.8 32.3 48.5



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





#15

Benzyl Alcohol

Concen: 36.845 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

Instrument :

BNA_F

ClientSampleId :

PB131001BS

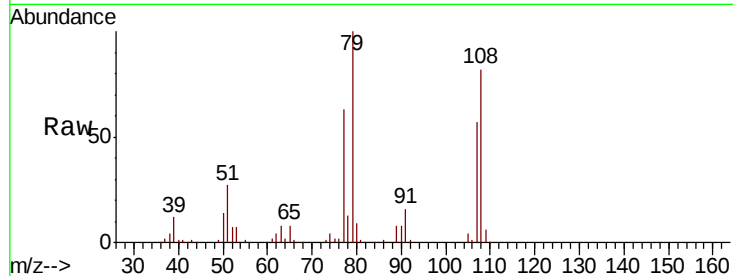
Tot Ion: 79 Resp: 203816

Ion Ratio Lower Upper

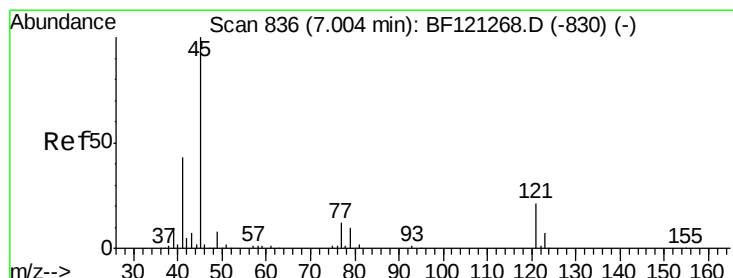
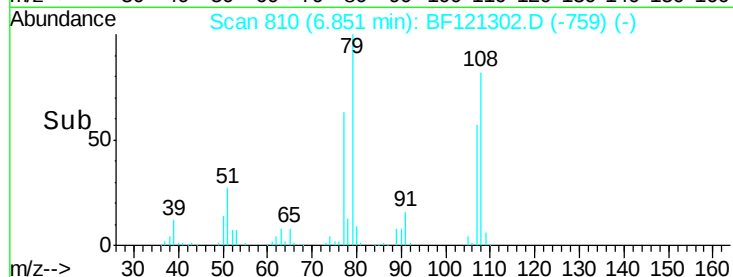
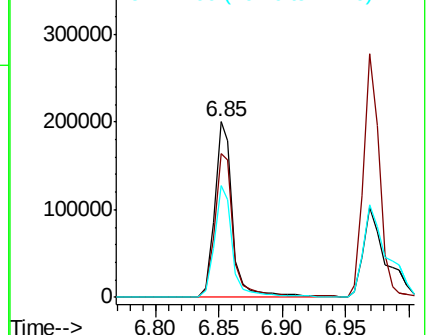
79 100

108 81.8 66.3 99.5

77 63.3 50.0 75.0



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: 37.109 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

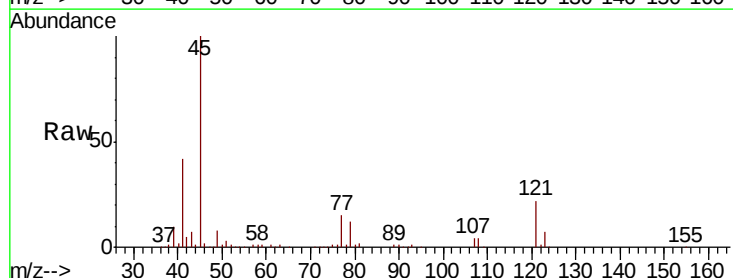
Tgt Ion: 45 Resp: 345527

Ion Ratio Lower Upper

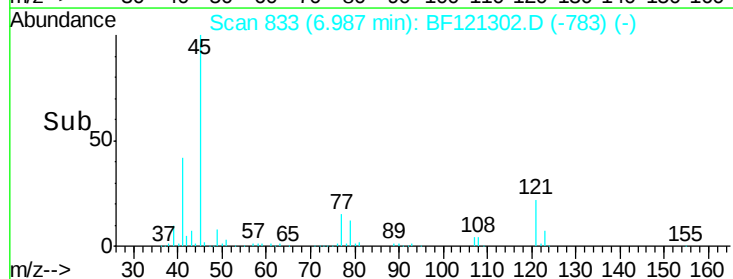
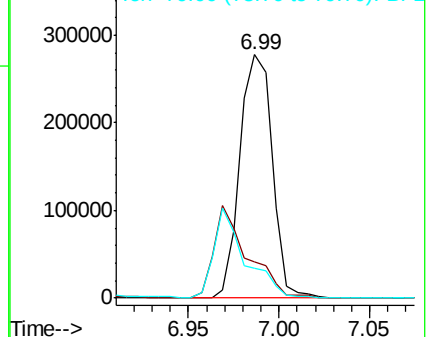
45 100

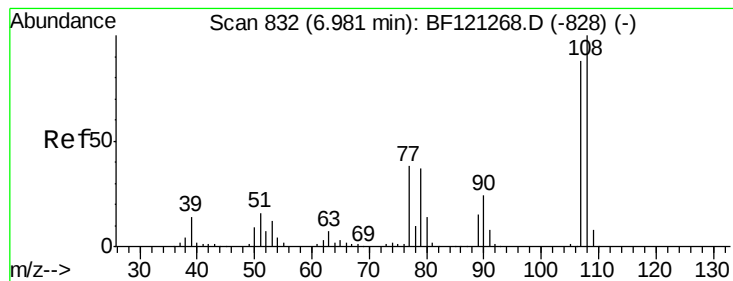
77 14.9 0.0 34.4

79 12.1 0.0 31.5



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

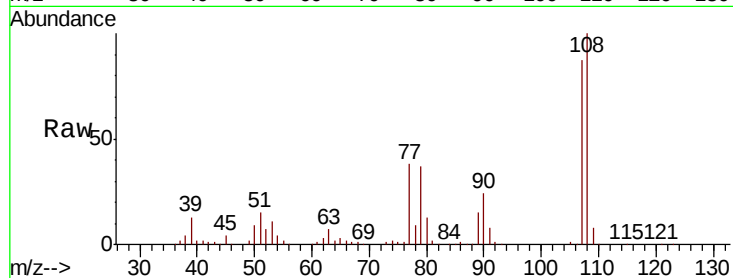




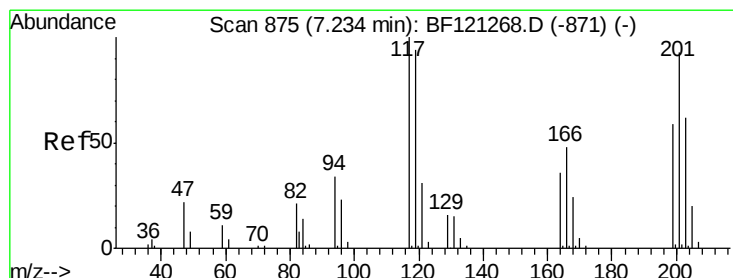
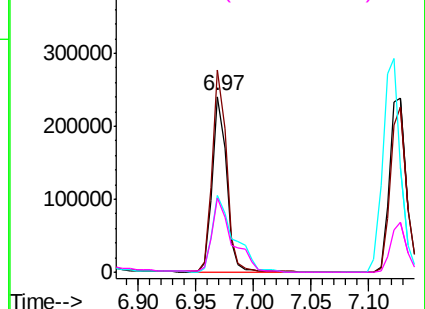
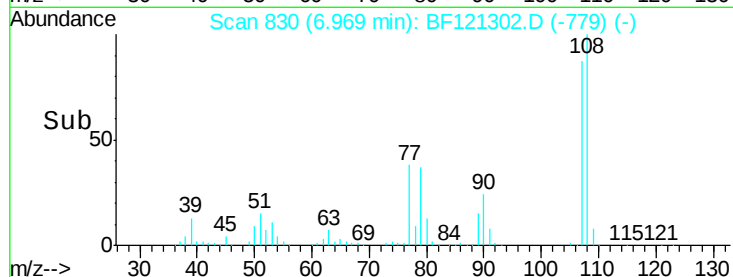
#17
2-Methylphenol
Concen: 37.631 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF121302.D
Acq: 17 Aug 2020 11:01

Instrument :
BNA_F
ClientSampleId :
PB131001BS

Tot Ion:107 Resp: 209462
Ion Ratio Lower Upper
107 100
108 115.1 93.4 140.0
77 43.7 35.7 53.5
79 42.3 34.1 51.1

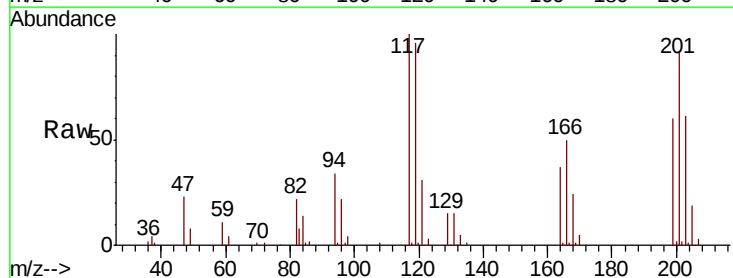


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

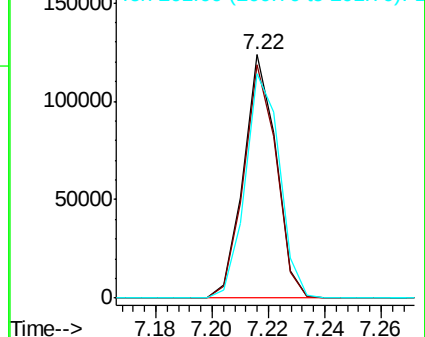
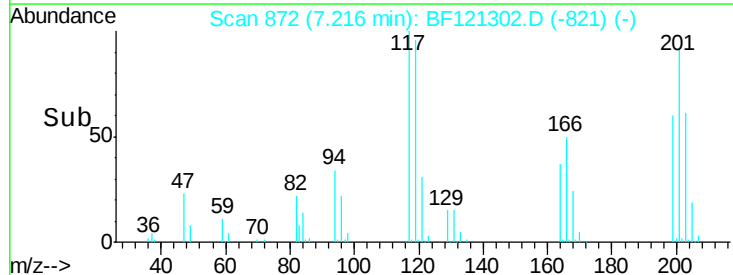


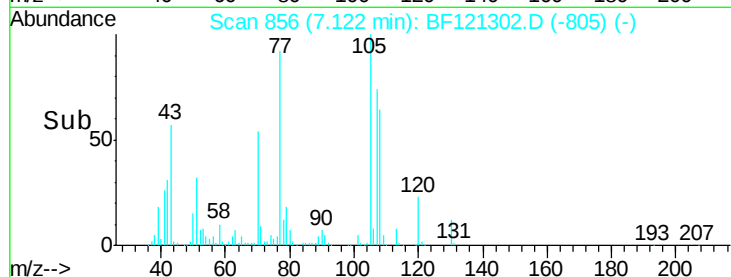
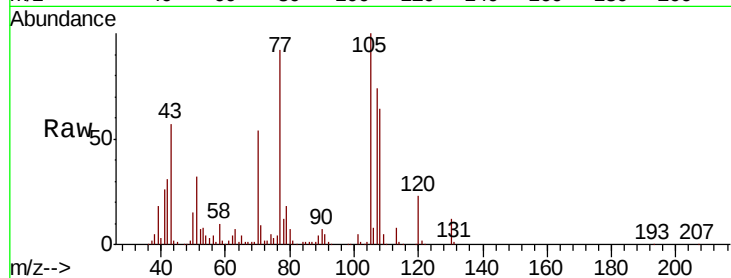
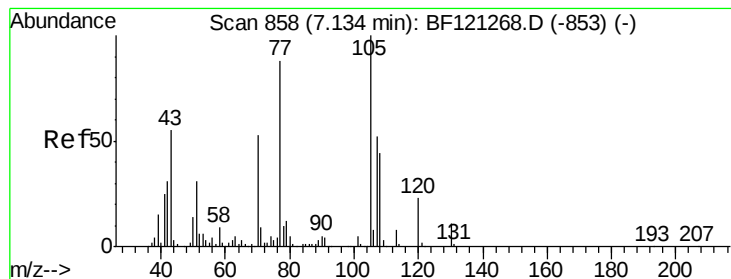
#18
Hexachloroethane
Concen: 37.078 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF121302.D
Acq: 17 Aug 2020 11:01

Tgt Ion:117 Resp: 98676
Ion Ratio Lower Upper
117 100
119 95.6 74.6 112.0
201 92.4 69.8 104.8



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: 35.316 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

Instrument :

BNA_F

ClientSampleId :

PB131001BS

Tot Ion: 70 Resp: 162039

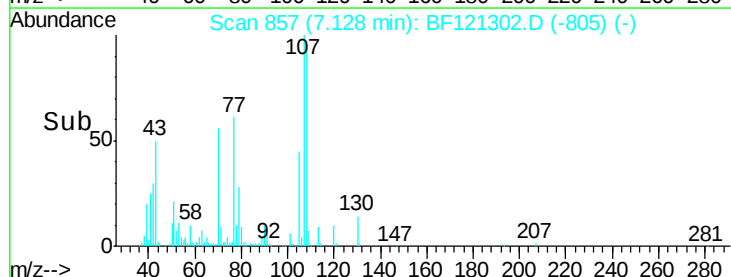
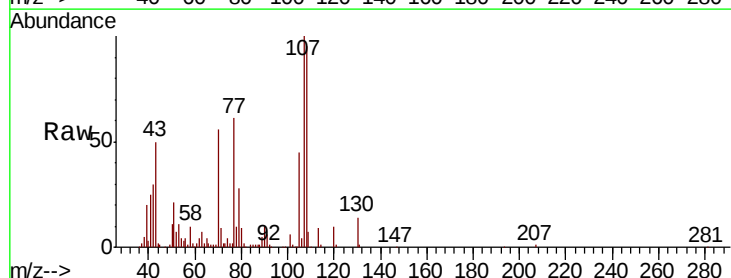
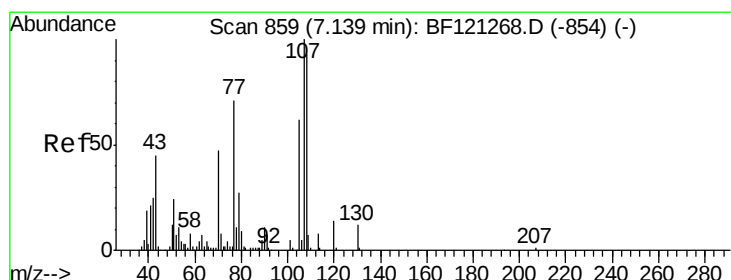
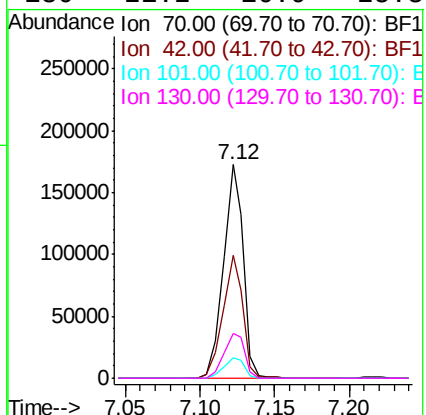
Ion Ratio Lower Upper

70 100

42 57.7 47.0 70.6

101 9.6 7.6 11.4

130 21.2 16.9 25.3



#20

3+4-Methylphenols

Concen: 35.934 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.01 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

Tgt Ion: 107 Resp: 253767

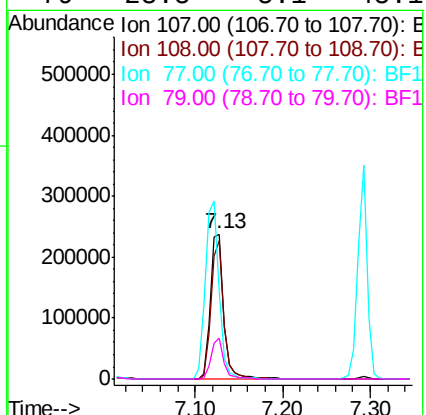
Ion Ratio Lower Upper

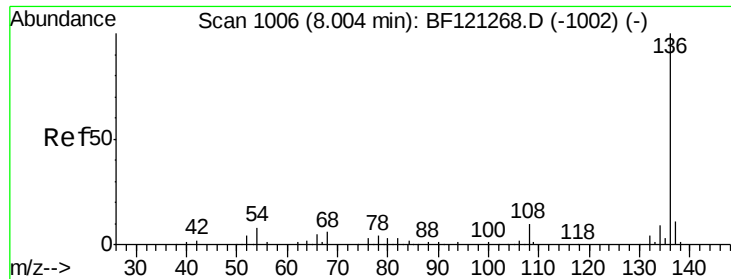
107 100

108 95.2 66.3 106.3

77 60.6 119.8 159.8#

79 28.5 5.1 45.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

Instrument :

BNA_F

ClientSampleId :

PB131001BS

Tot Ion:136 Resp: 375514

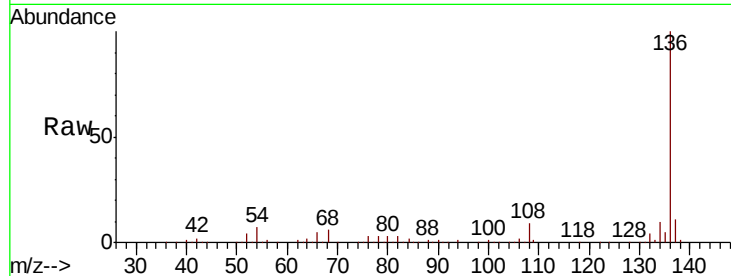
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 7.0 5.4 8.2

68 5.7 4.6 6.8

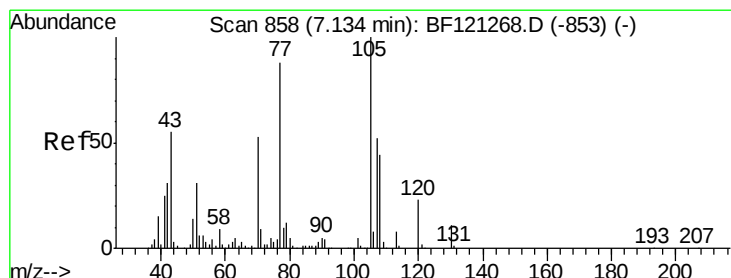
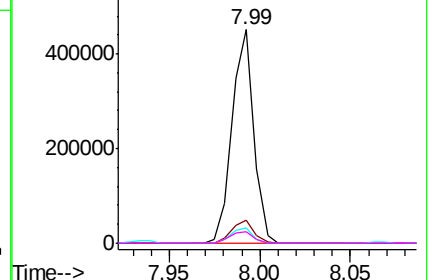
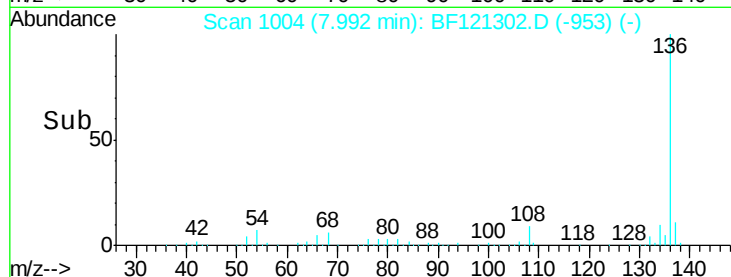


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.885 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

Tgt Ion:105 Resp: 337406

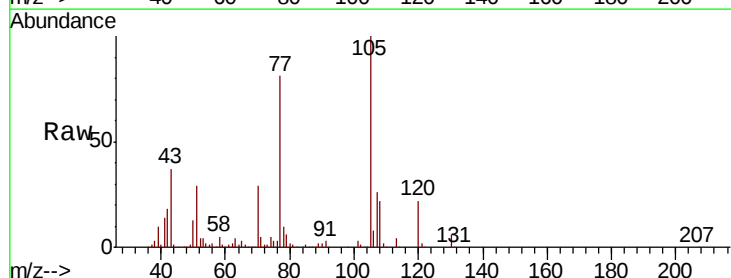
Ion Ratio Lower Upper

105 100

71 4.8 7.1 10.7#

51 29.2 25.9 38.9

120 22.3 17.8 26.8

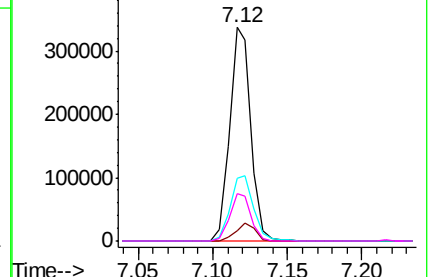
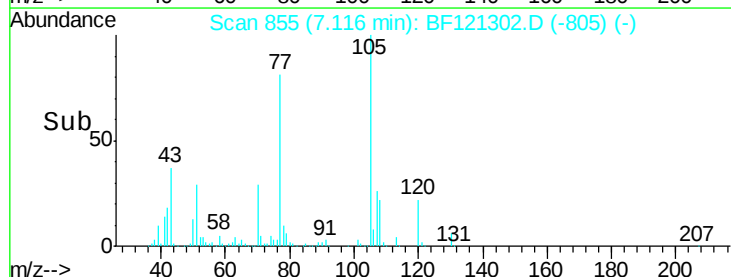


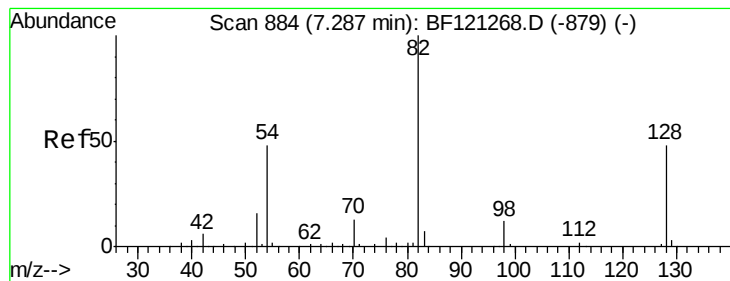
Abundance Ion 105.00 (104.70 to 105.70): E

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: 67.349 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

Instrument :

BNA_F

ClientSampleId :

PB131001BS

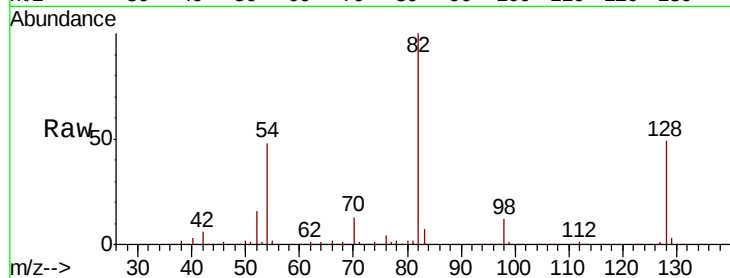
Tot Ion: 82 Resp: 462744

Ion Ratio Lower Upper

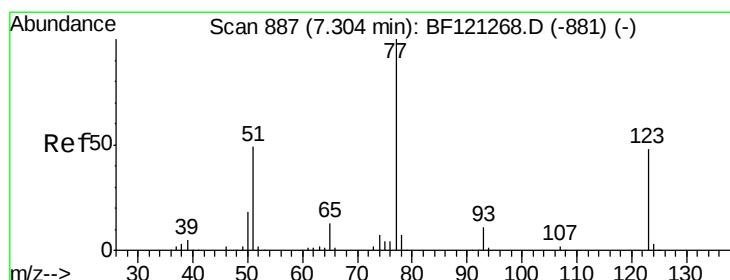
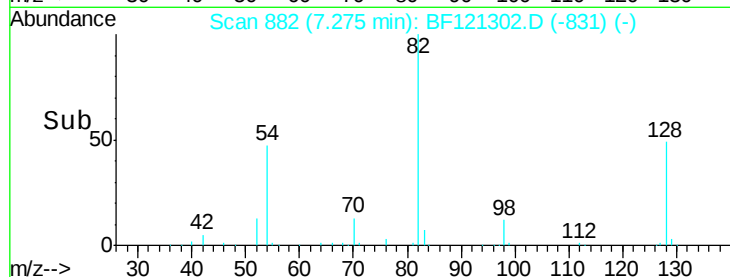
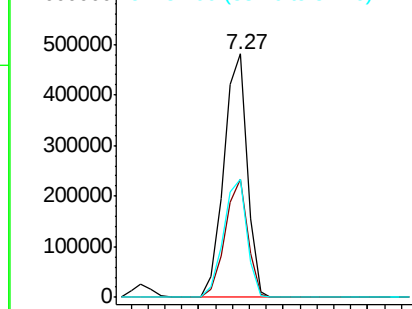
82 100

128 48.6 38.2 57.2

54 48.3 38.2 57.4



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: 35.273 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

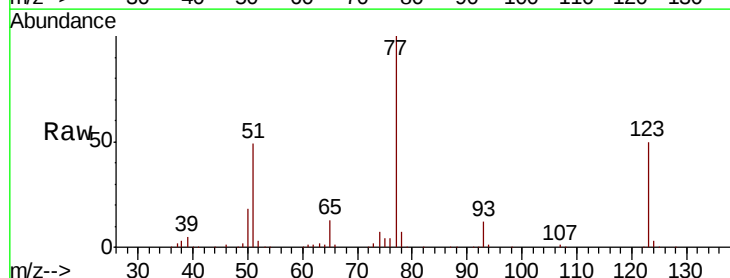
Tgt Ion: 77 Resp: 262977

Ion Ratio Lower Upper

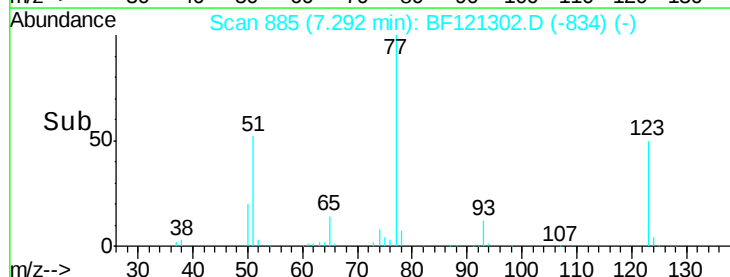
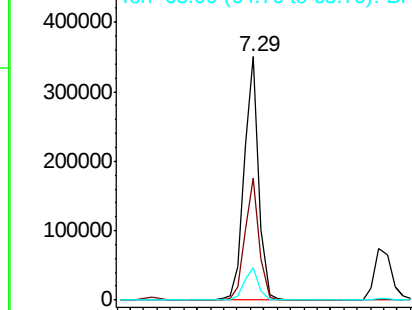
77 100

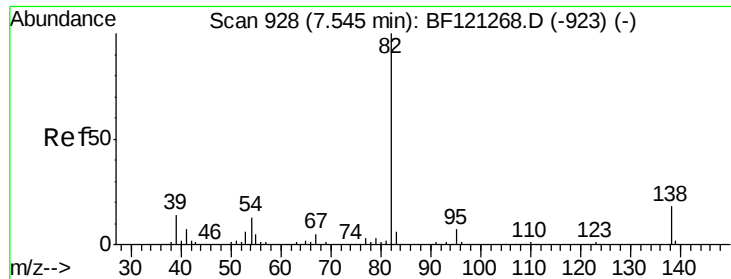
123 50.4 40.3 60.5

65 13.1 10.2 15.4



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





#25

Isophorone

Concen: 34.541 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

Instrument :

BNA_F

ClientSampleId :

PB131001BS

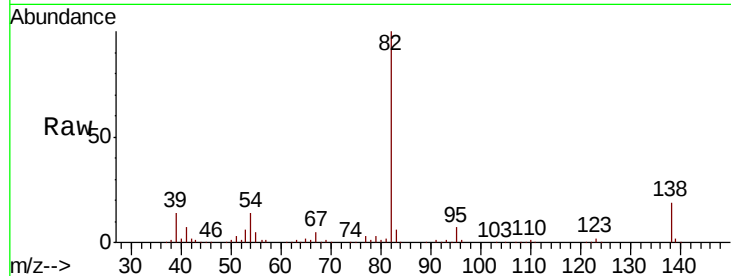
Tot Ion: 82 Resp: 476492

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

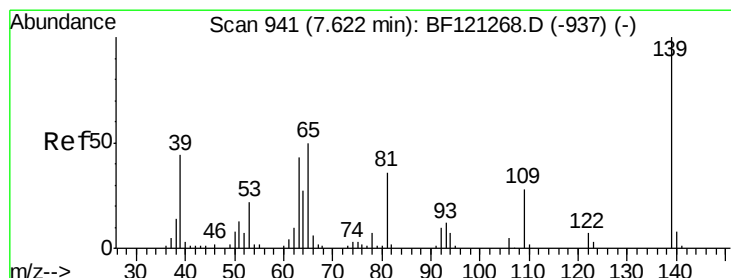
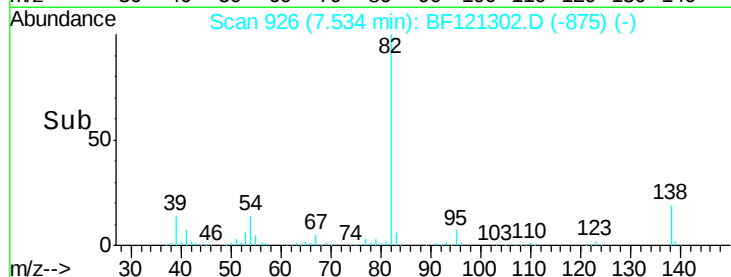
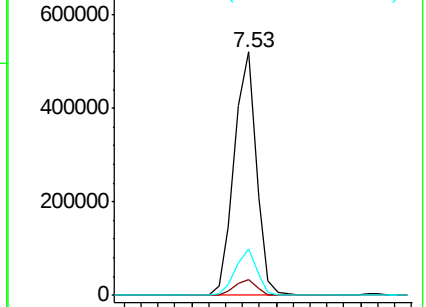
138 18.9 15.6 23.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 37.441 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

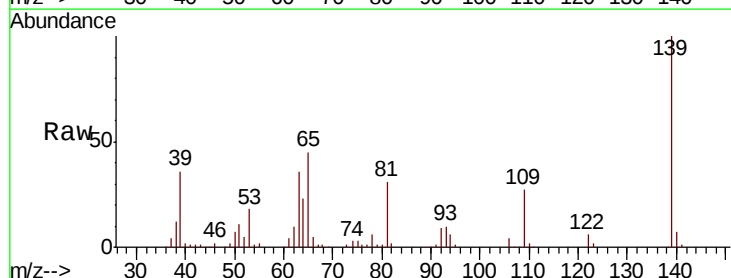
Tgt Ion: 139 Resp: 135249

Ion Ratio Lower Upper

139 100

109 27.3 20.8 31.2

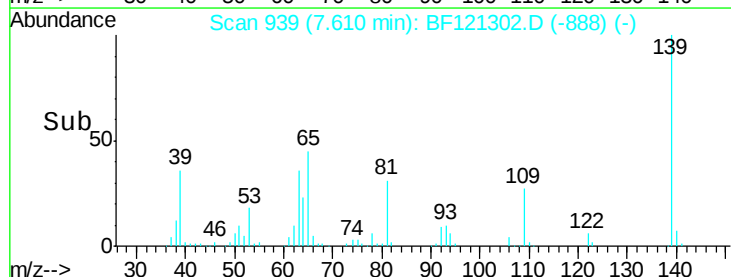
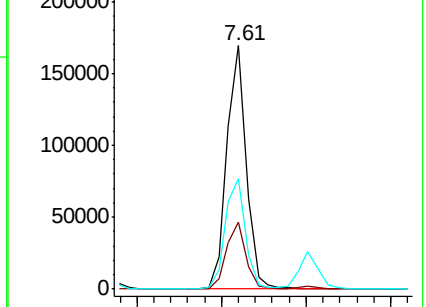
65 45.2 36.4 54.6

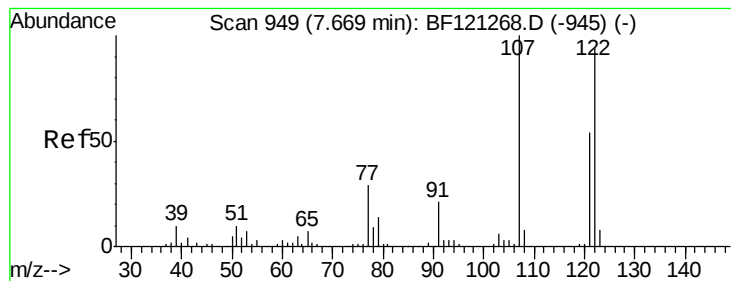


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.387 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

Instrument :

BNA_F

ClientSampleId :

PB131001BS

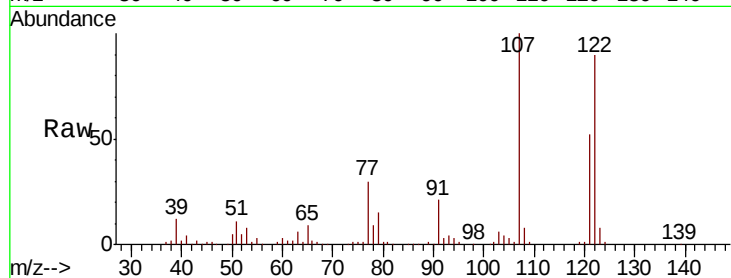
Tot Ion:122 Resp: 227966

Ion Ratio Lower Upper

122 100

107 111.4 87.2 130.8

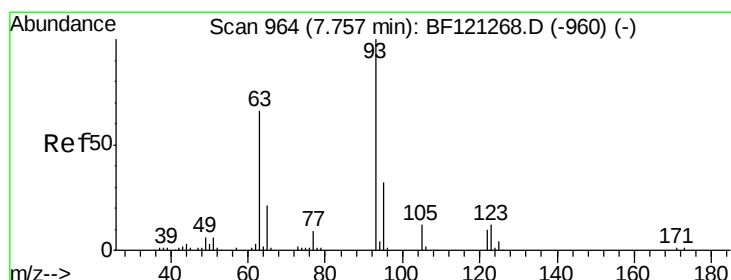
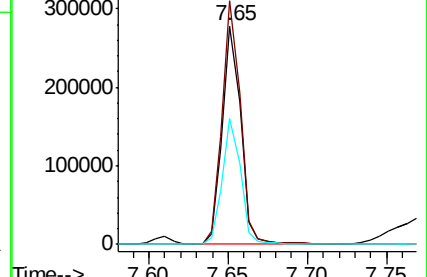
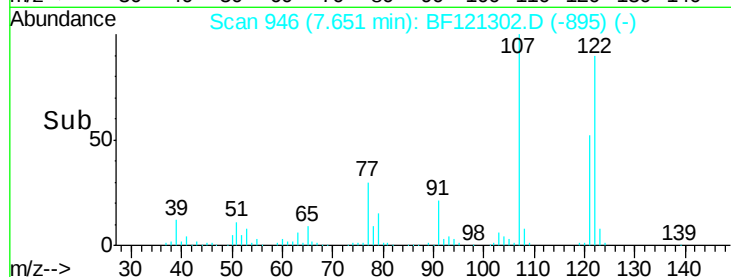
121 57.9 45.7 68.5



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: 39.670 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

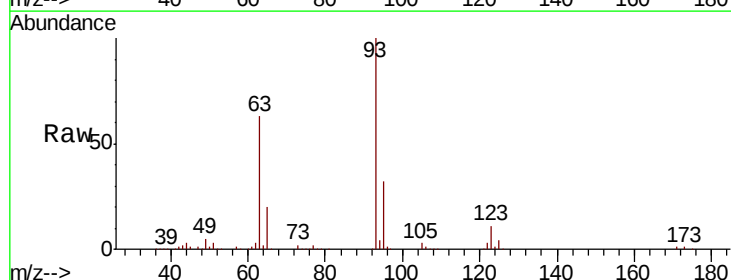
Tgt Ion: 93 Resp: 306094

Ion Ratio Lower Upper

93 100

95 32.3 26.7 40.1

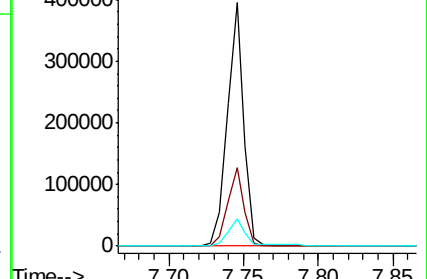
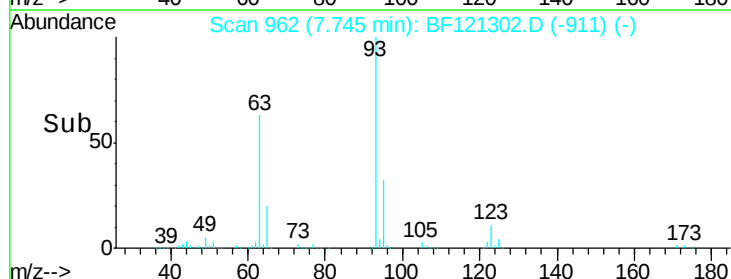
123 11.2 9.1 13.7

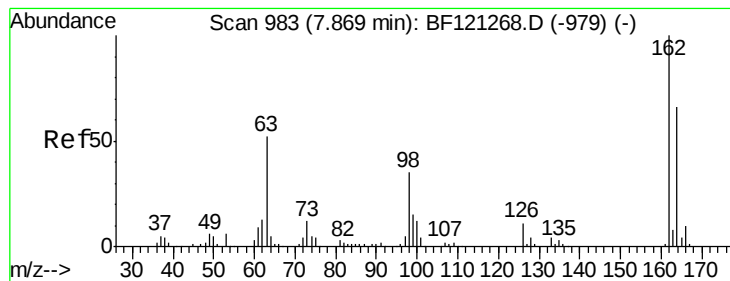


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

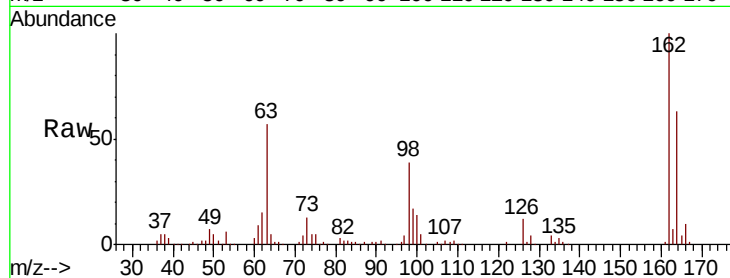




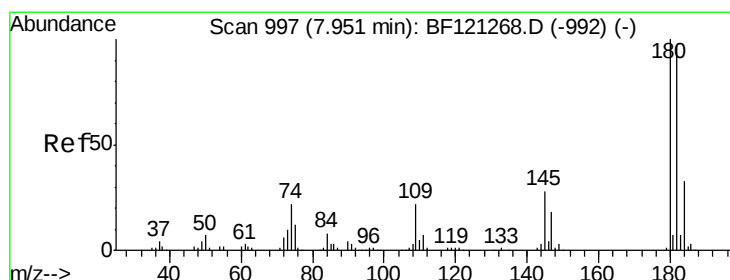
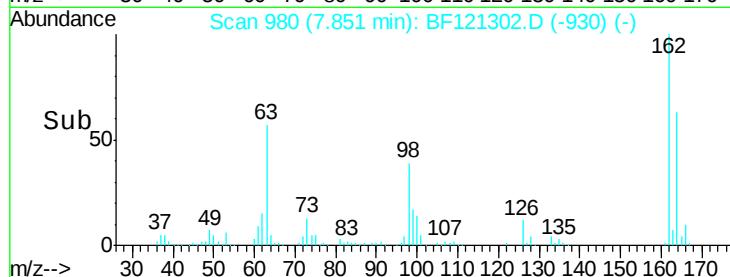
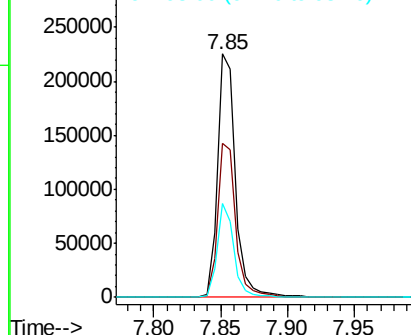
#29
 2,4-Dichlorophenol
 Concen: 36.175 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF121302.D
 Acq: 17 Aug 2020 11:01

Instrument :
 BNA_F
 ClientSampleId :
 PB131001BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	45.0	85.0
98	38.7	13.7	53.7

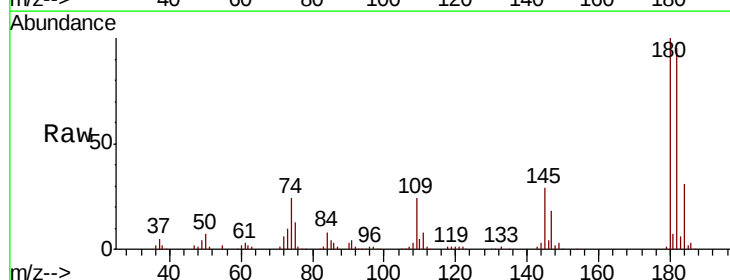


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

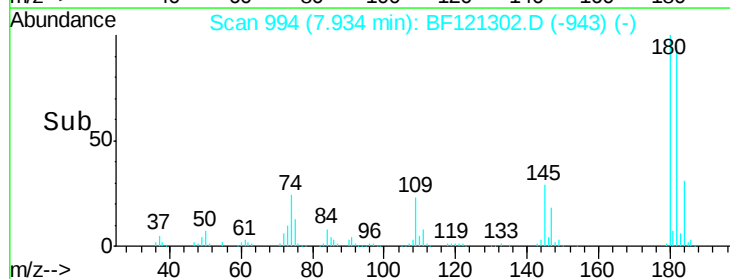
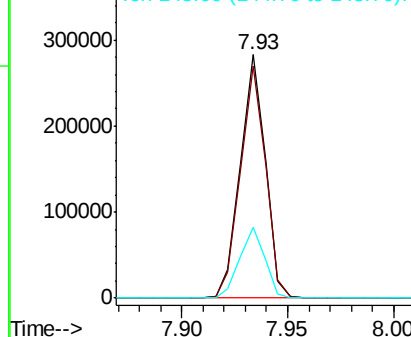


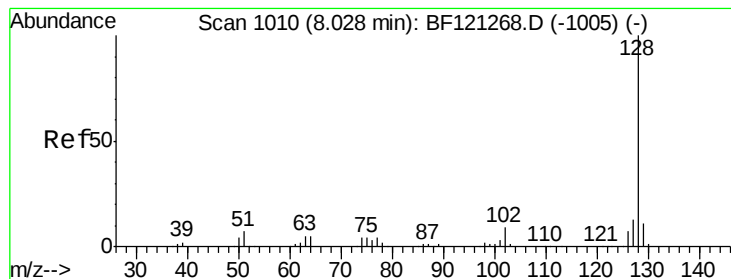
#30
 1,2,4-Trichlorobenzene
 Concen: 35.355 ng
 RT: 7.93 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BF121302.D
 Acq: 17 Aug 2020 11:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.8	113.6
145	29.1	23.4	35.0



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: 34.077 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

Instrument :

BNA_F

ClientSampleId :

PB131001BS

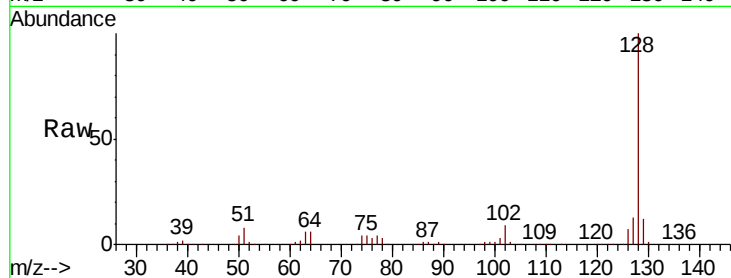
Tot Ion:128 Resp: 719927

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

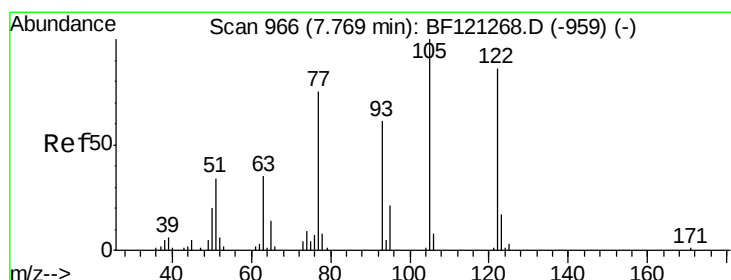
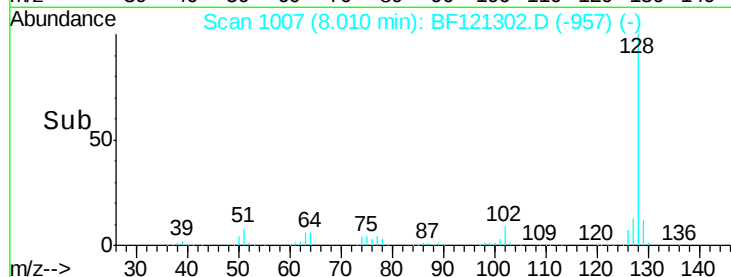
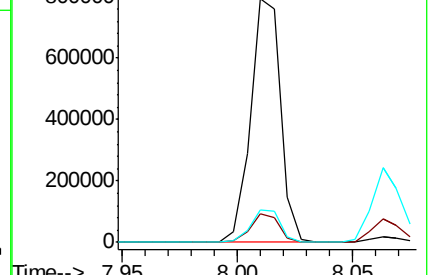
127 13.3 10.6 15.8



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: 32.259 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

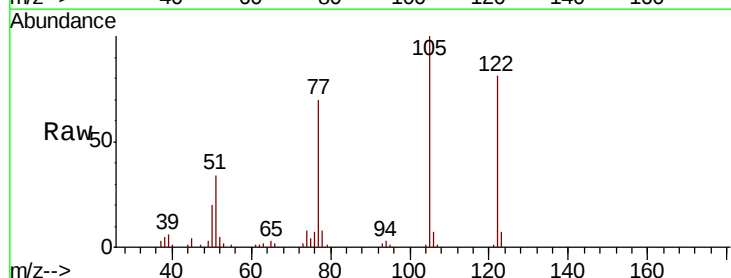
Tgt Ion:122 Resp: 93813

Ion Ratio Lower Upper

122 100

105 123.2 101.1 141.1

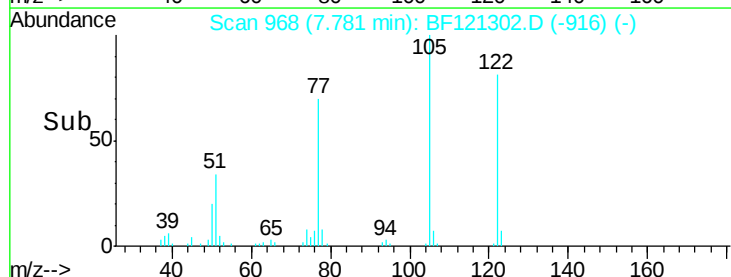
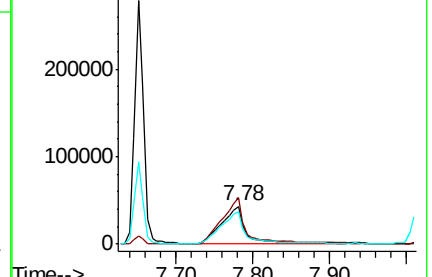
77 86.4 67.8 107.8

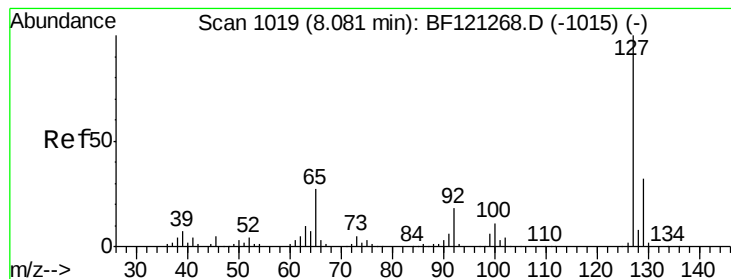


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 28.123 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

Instrument :

BNA_F

ClientSampleId :

PB131001BS

Tot Ion:127 Resp: 242465

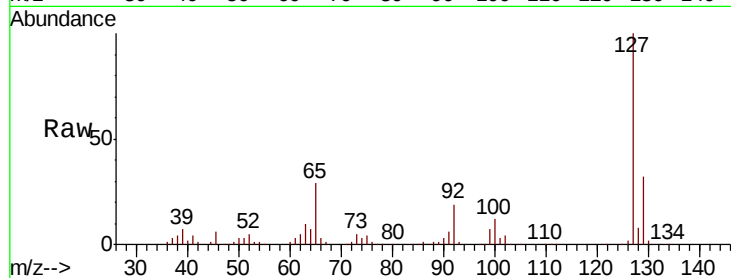
Ion Ratio Lower Upper

127 100

129 32.3 25.7 38.5

65 28.9 22.9 34.3

92 18.6 15.0 22.4

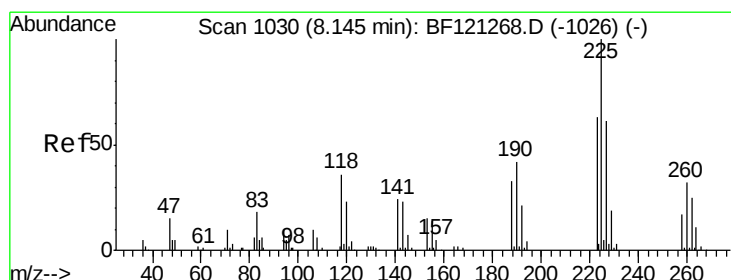
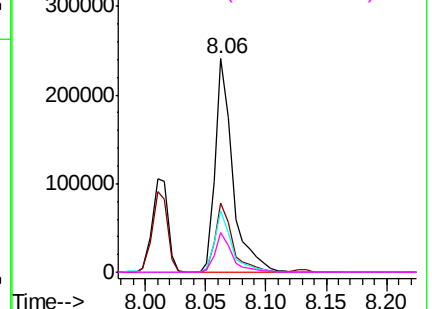
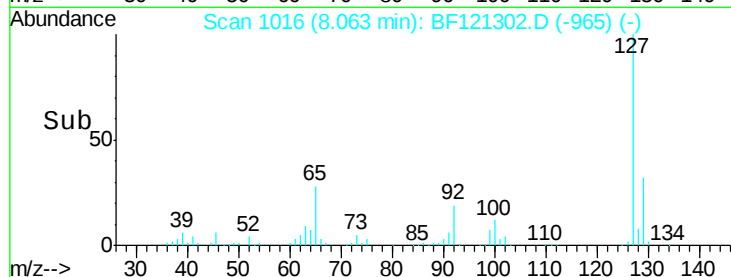


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 33.552 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

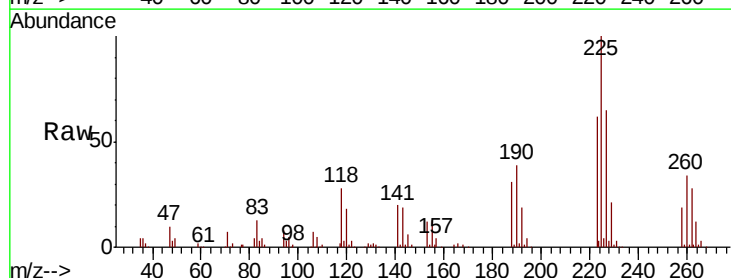
Tgt Ion:225 Resp: 132608

Ion Ratio Lower Upper

225 100

223 61.9 51.0 76.4

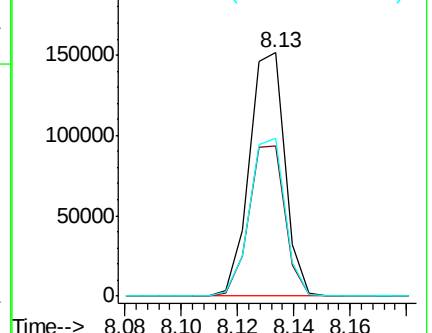
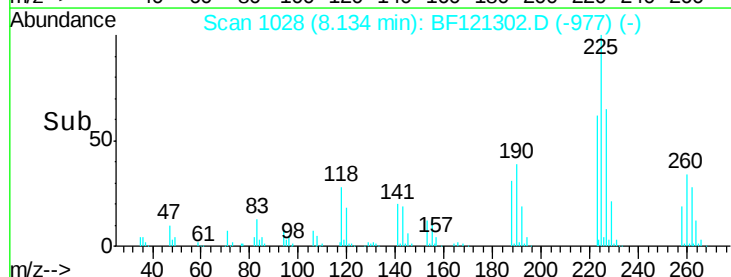
227 64.7 51.0 76.4

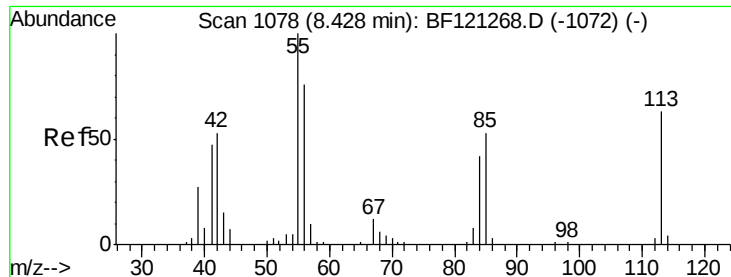


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

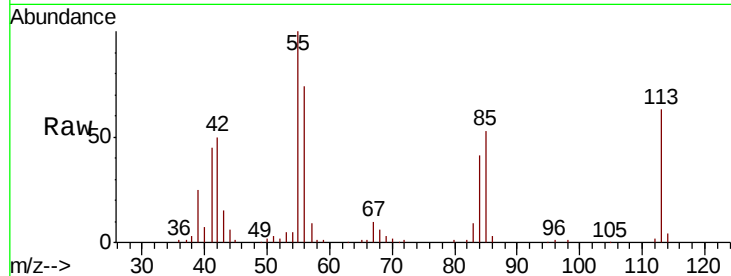




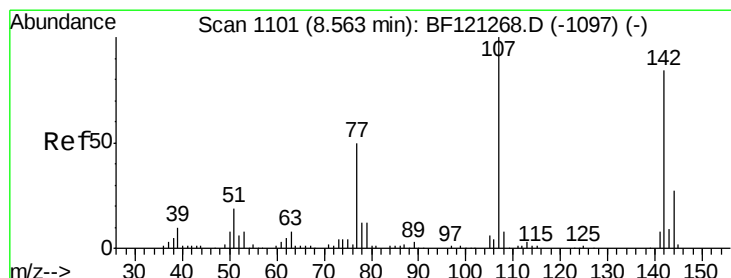
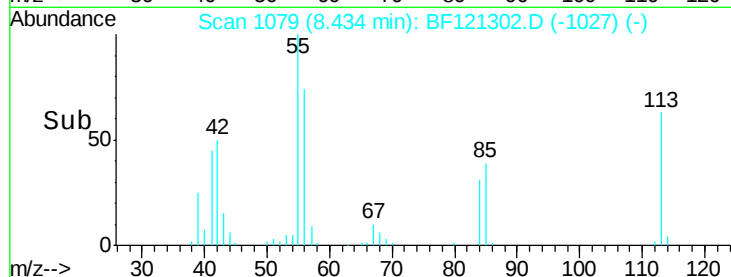
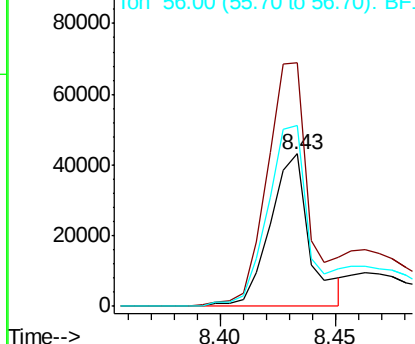
#35
 Caprolactam
 Concen: 28.711 ng
 RT: 8.43 min Scan# 1079
 Delta R.T. 0.01 min
 Lab File: BF121302.D
 Acq: 17 Aug 2020 11:01

Instrument :
 BNA_F
 ClientSampleId :
 PB131001BS

Tot Ion:113 Resp: 51183
 Ion Ratio Lower Upper
 113 100
 55 159.8 146.1 186.1
 56 118.4 103.3 143.3

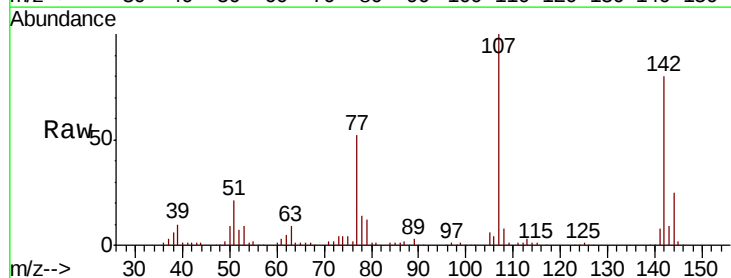


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

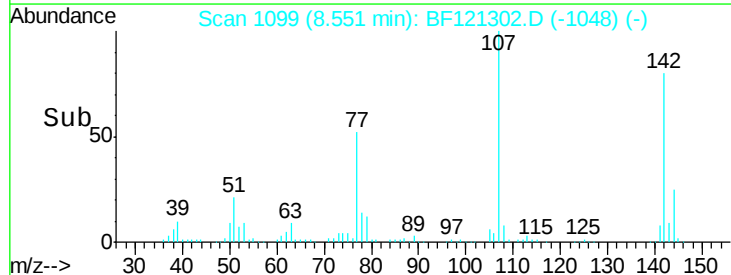
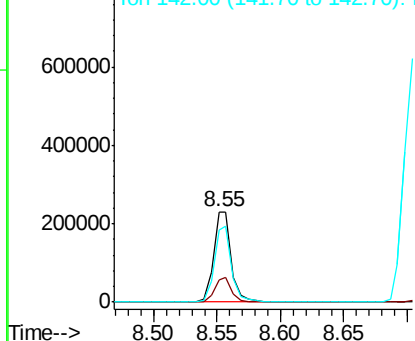


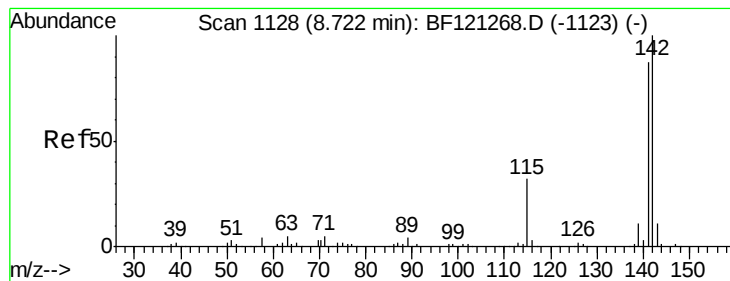
#36
 4-Chloro-3-methylphenol
 Concen: 37.357 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF121302.D
 Acq: 17 Aug 2020 11:01

Tgt Ion:107 Resp: 225580
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.4 30.6
 142 79.9 63.8 95.8



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





#37

2-Methylnaphthalene

Concen: 35.101 ng

RT: 8.70 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

Instrument :

BNA_F

ClientSampleId :

PB131001BS

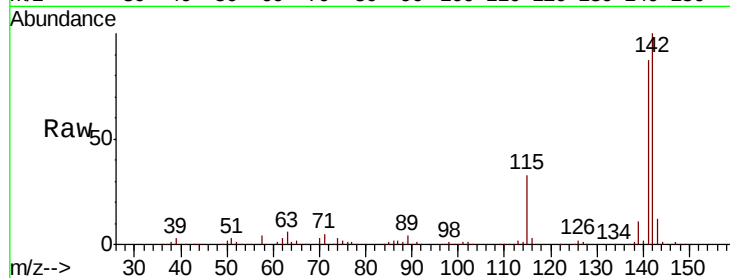
Tot Ion:142 Resp: 487975

Ion Ratio Lower Upper

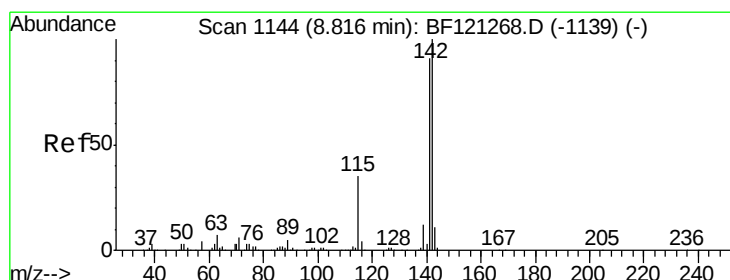
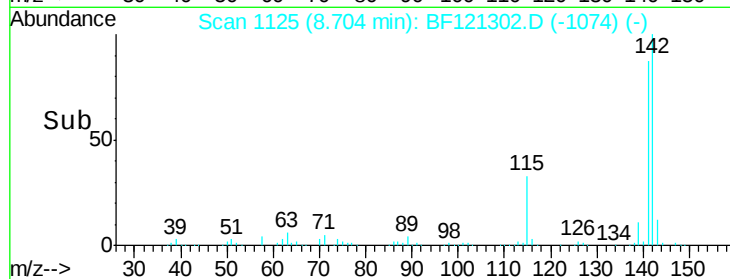
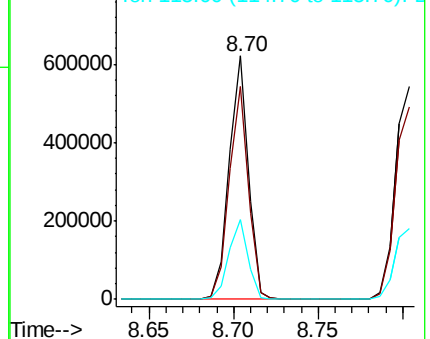
142 100

141 87.4 69.2 103.8

115 32.6 25.8 38.8



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



#38

1-Methylnaphthalene

Concen: 34.980 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

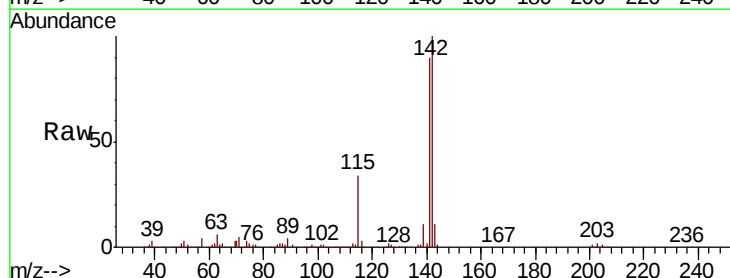
Tgt Ion:142 Resp: 460443

Ion Ratio Lower Upper

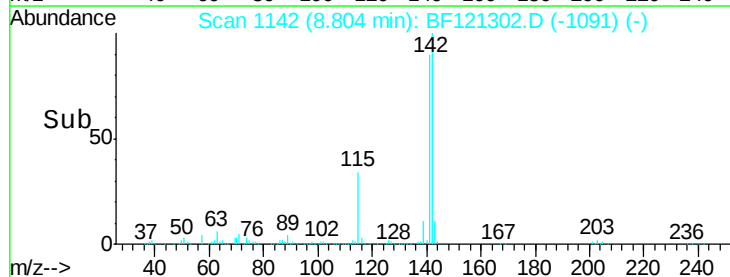
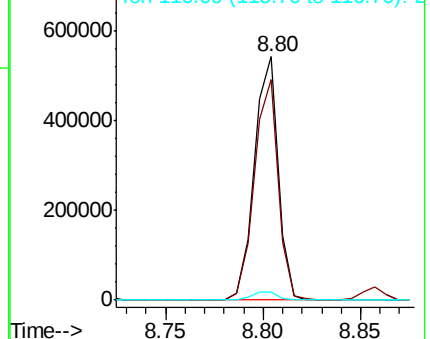
142 100

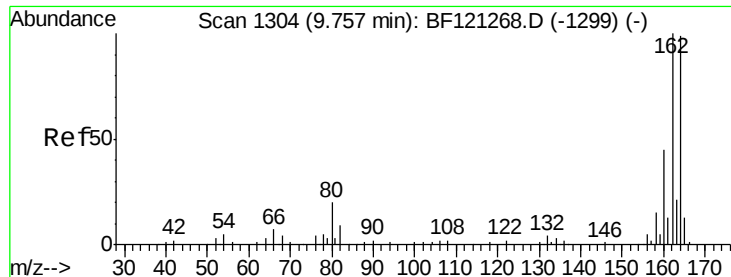
141 90.4 72.6 109.0

116 3.4 2.8 4.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

Instrument :

BNA_F

ClientSampleId :

PB131001BS

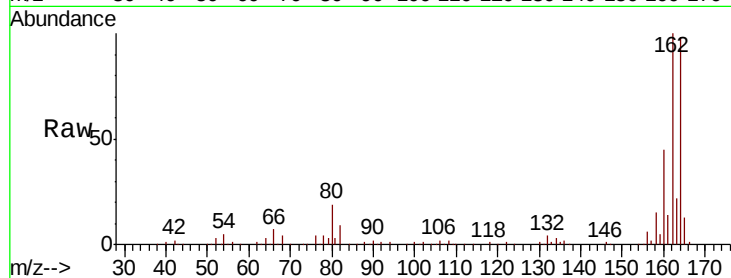
Tot Ion:164 Resp: 196216

Ion Ratio Lower Upper

164 100

162 102.2 80.2 120.2

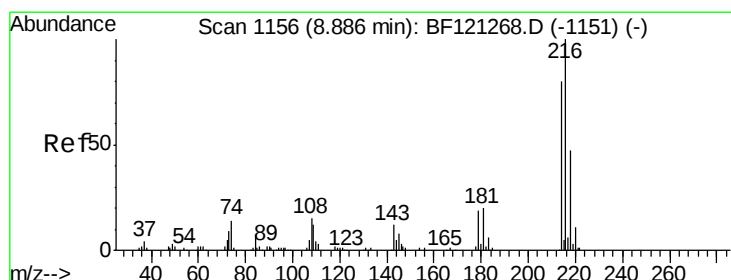
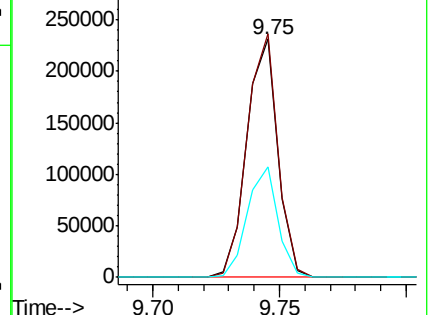
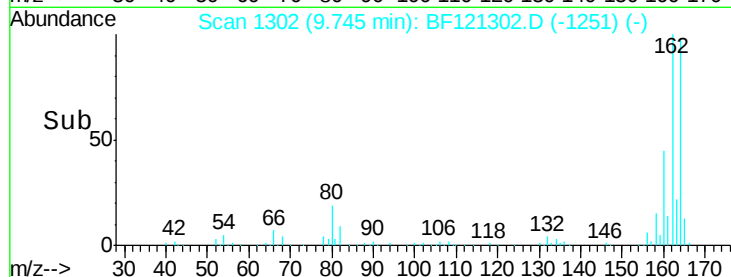
160 46.4 36.5 54.7



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: 35.077 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

Tgt Ion:216 Resp: 230616

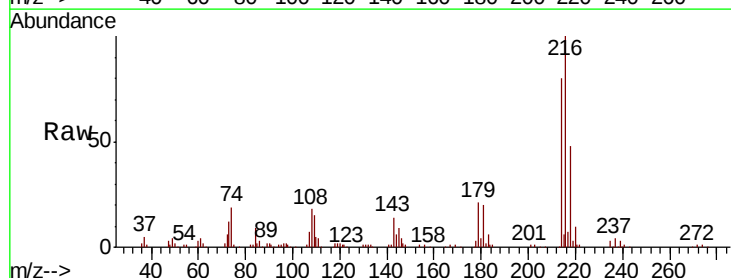
Ion Ratio Lower Upper

216 100

214 79.1 63.2 94.8

179 20.2 15.8 23.6

108 19.1 14.1 21.1

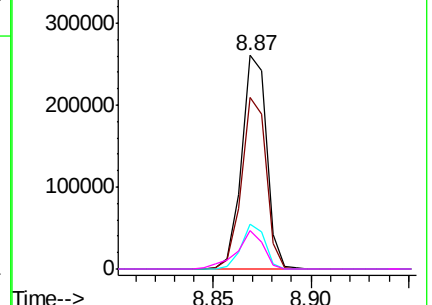
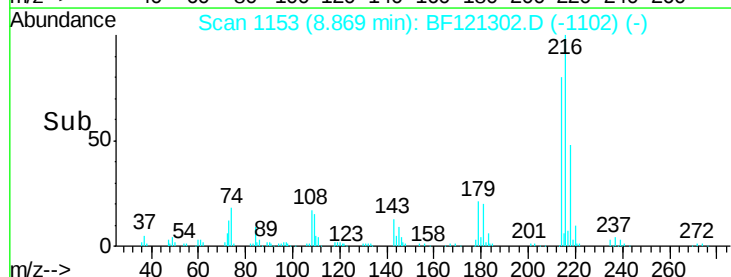


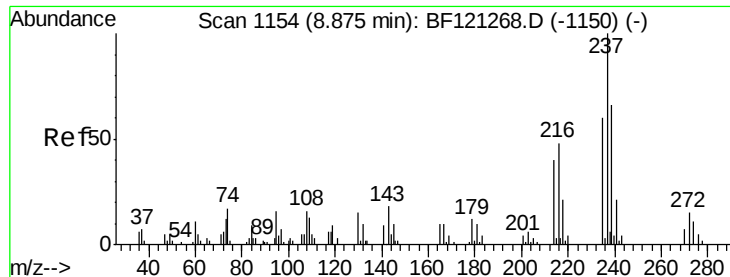
Abundance Ion 216.00 (215.70 to 216.70): E

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: 71.599 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

Instrument :

BNA_F

ClientSampleId :

PB131001BS

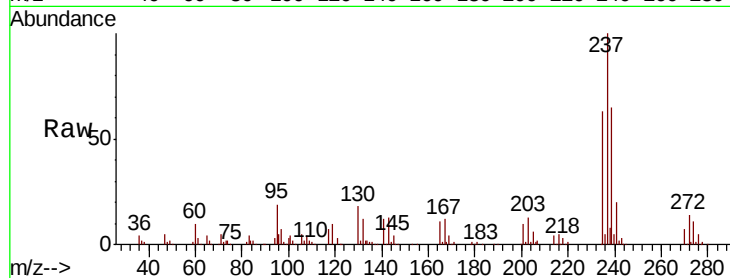
Tot Ion:237 Resp: 190024

Ion Ratio Lower Upper

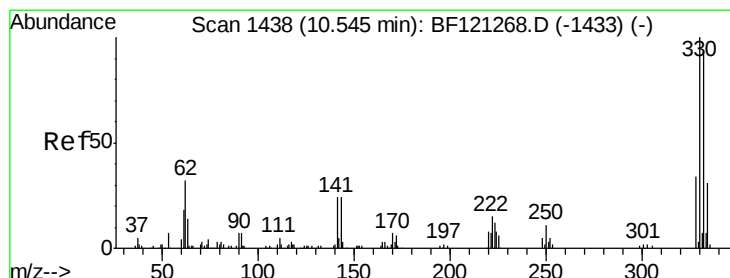
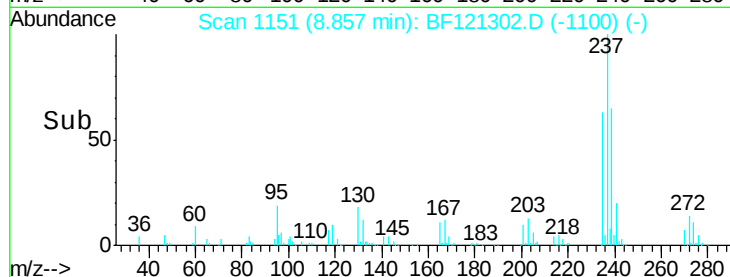
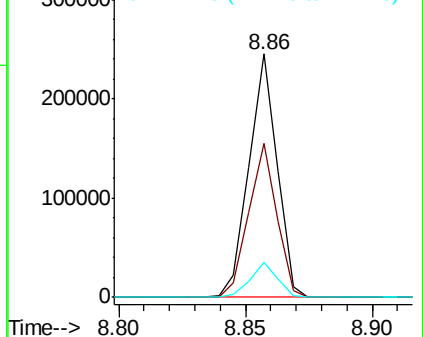
237 100

235 63.4 41.5 81.5

272 14.1 0.0 34.2



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: 92.562 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

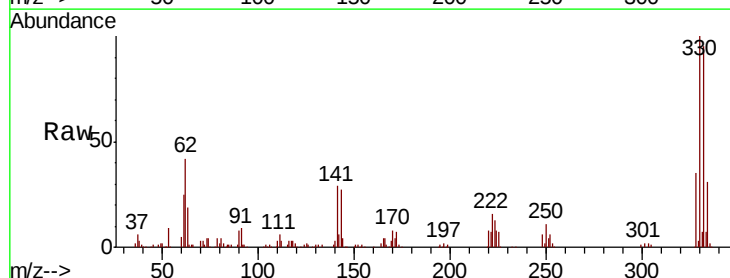
Tgt Ion:330 Resp: 223611

Ion Ratio Lower Upper

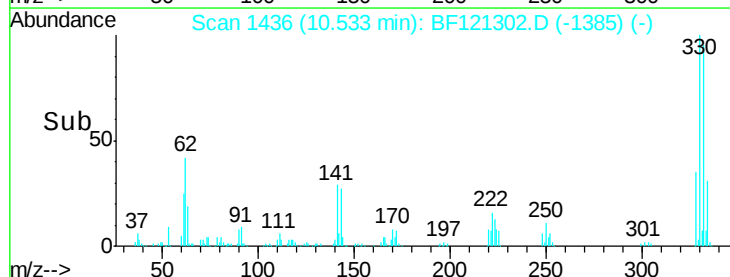
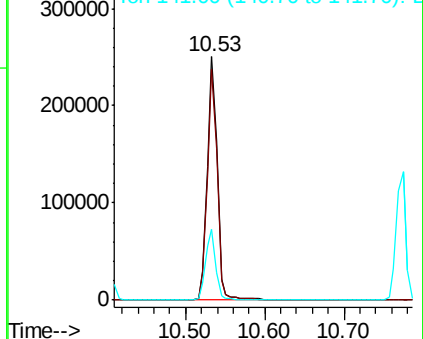
330 100

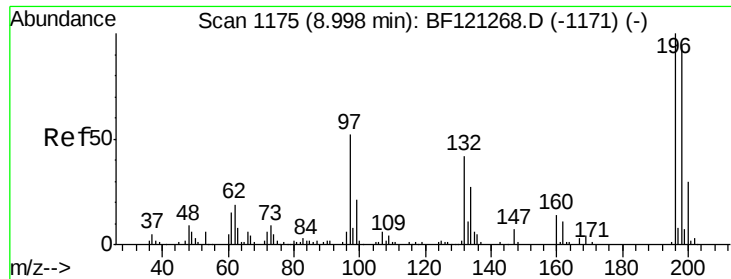
332 94.7 77.4 116.0

141 29.2 24.2 36.4



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

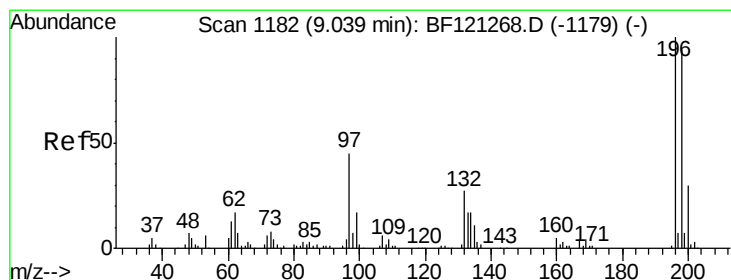
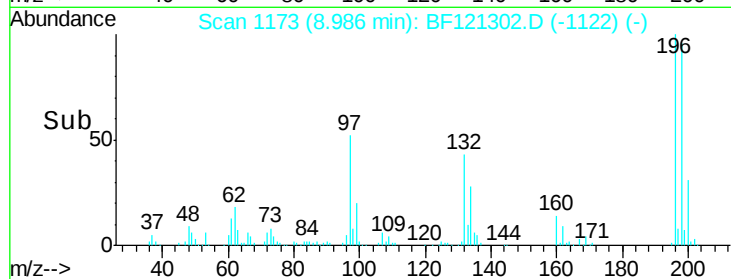
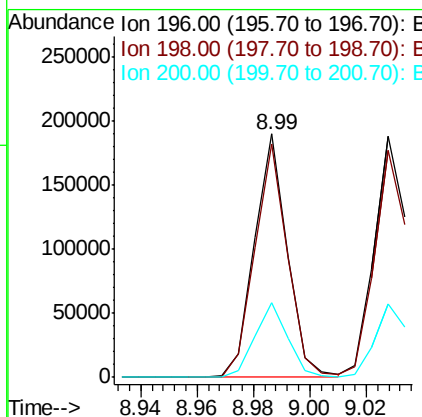
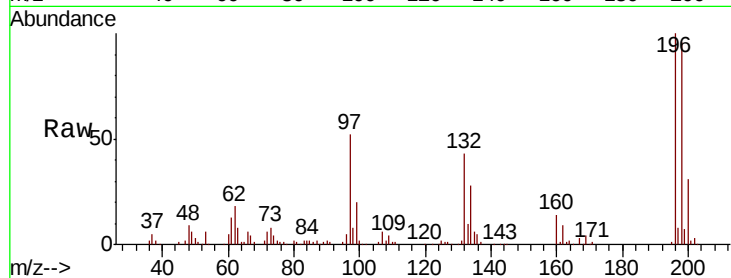




#43
 2,4,6-Trichlorophenol
 Concen: 36.629 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF121302.D
 Acq: 17 Aug 2020 11:01

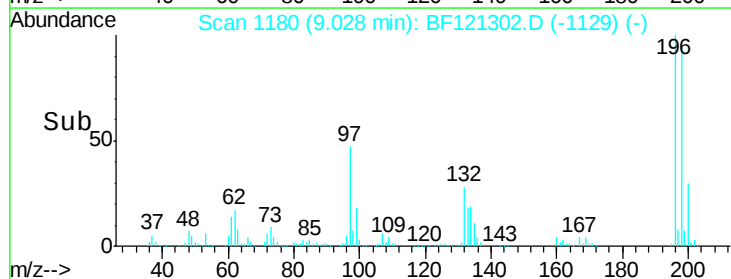
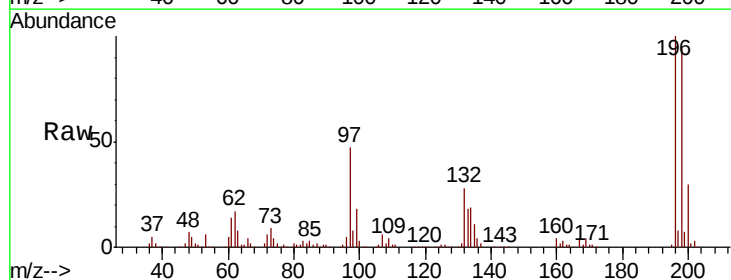
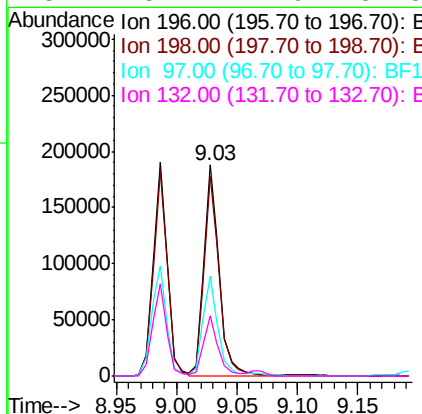
Instrument :
 BNA_F
 ClientSampleId :
 PB131001BS

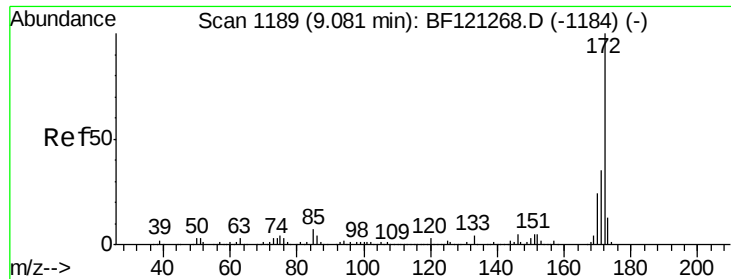
Tot Ion	196	Resp	153155
Ion Ratio	Lower	Upper	
196	100		
198	96.0	76.9	115.3
200	30.6	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 36.590 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF121302.D
 Acq: 17 Aug 2020 11:01

Tgt Ion	196	Resp	166175
Ion Ratio	Lower	Upper	
196	100		
198	94.4	75.5	113.3
97	47.2	39.4	59.2
132	28.4	22.9	34.3

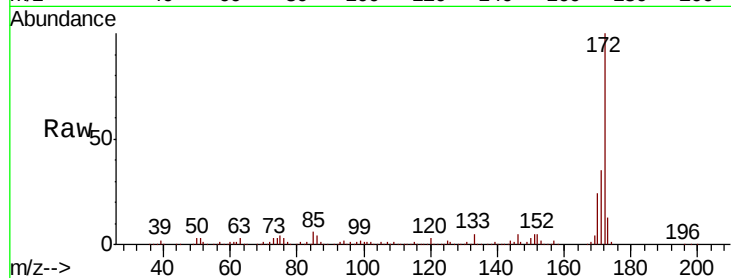




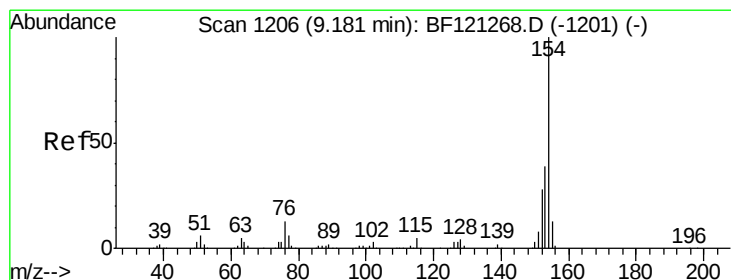
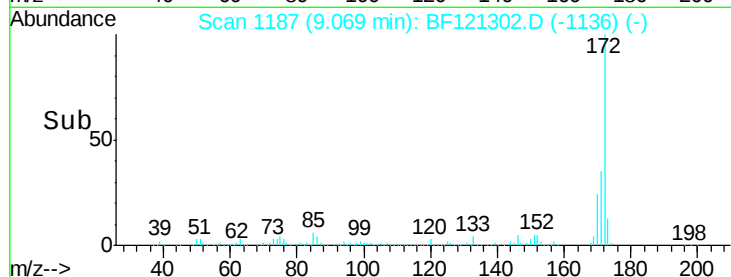
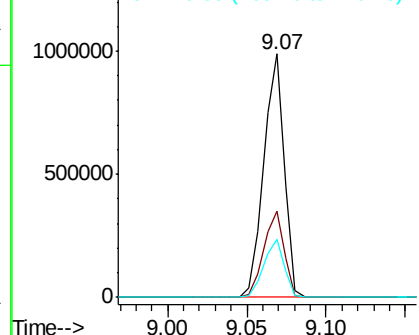
#45
 2-Fluorobiphenyl
 Concen: 62.808 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF121302.D
 Acq: 17 Aug 2020 11:01

Instrument :
 BNA_F
 ClientSampleId :
 PB131001BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.8	43.2
170	24.0	19.3	28.9

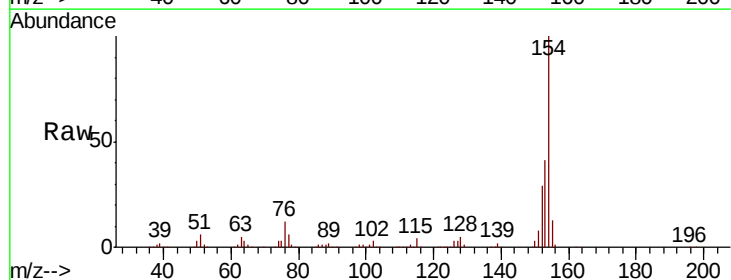


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

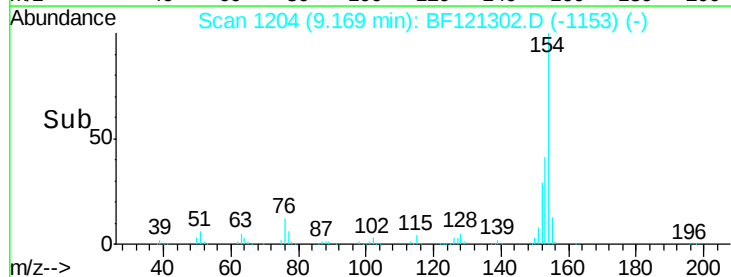
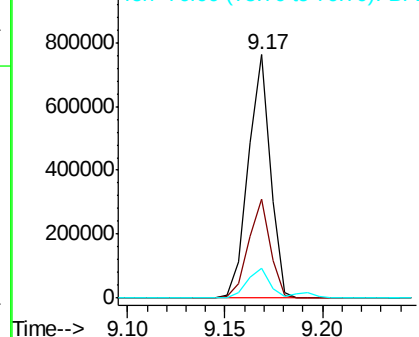


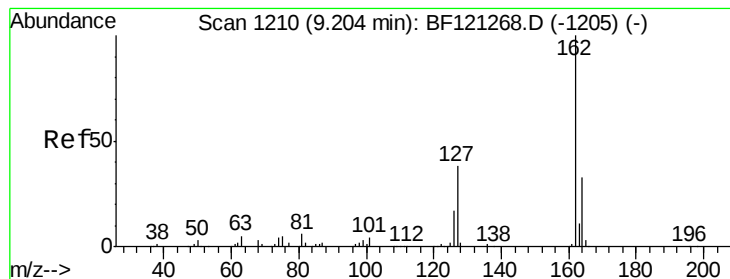
#46
 1,1'-Biphenyl
 Concen: 35.272 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF121302.D
 Acq: 17 Aug 2020 11:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.5	60.5
76	12.4	0.0	31.9



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: 35.126 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

Instrument :

BNA_F

ClientSampleId :

PB131001BS

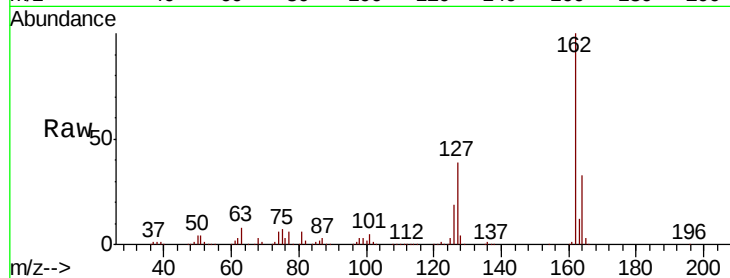
Tot Ion:162 Resp: 458434

Ion Ratio Lower Upper

162 100

127 39.3 31.4 47.2

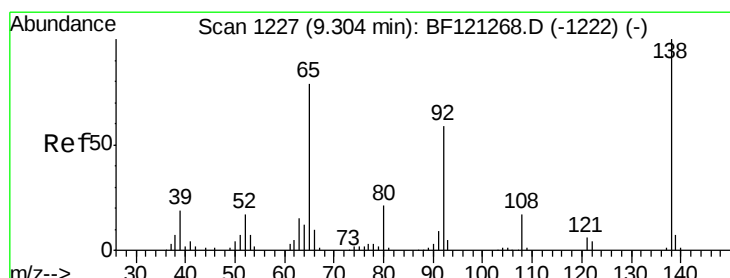
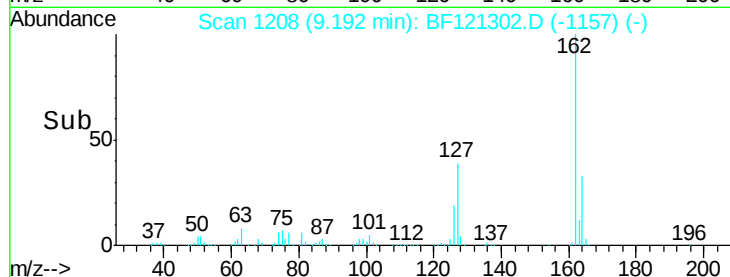
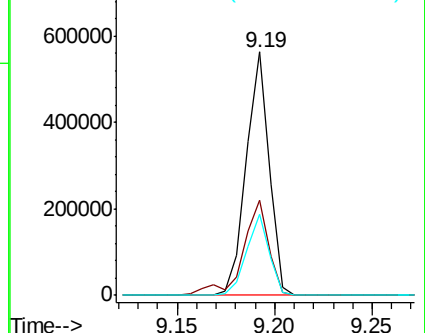
164 33.3 26.5 39.7



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: 38.679 ng

RT: 9.29 min Scan# 1225

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

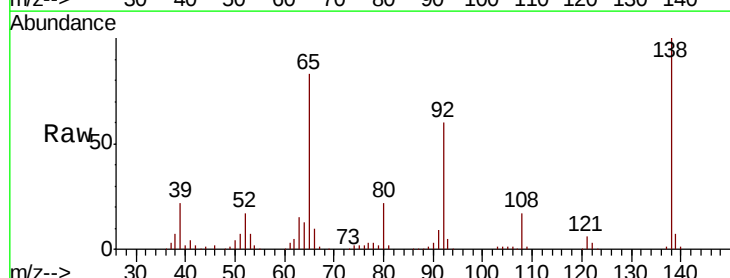
Tgt Ion: 65 Resp: 141890

Ion Ratio Lower Upper

65 100

92 72.2 58.2 87.2

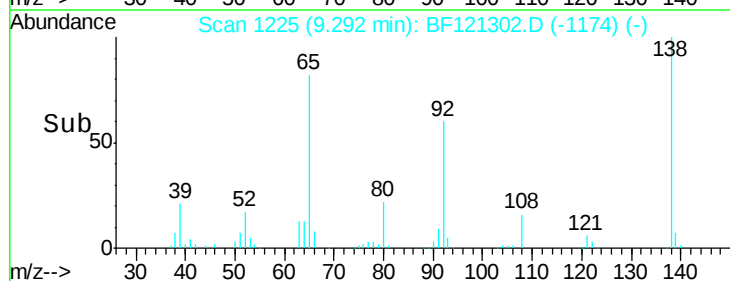
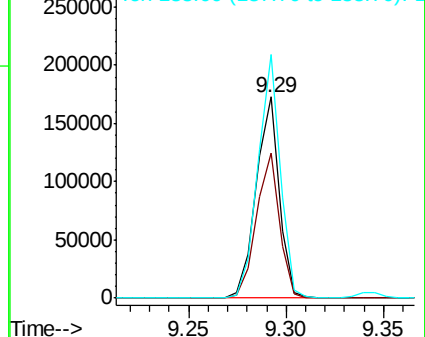
138 121.0 97.5 146.3

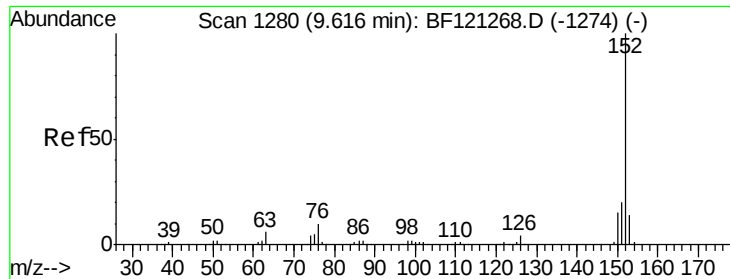


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 35.480 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

Instrument :

BNA_F

ClientSampleId :

PB131001BS

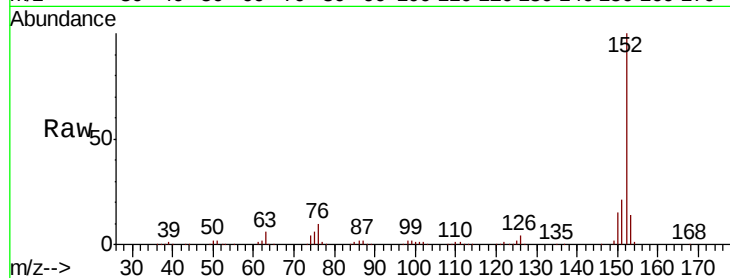
Tot Ion:152 Resp: 735464

Ion Ratio Lower Upper

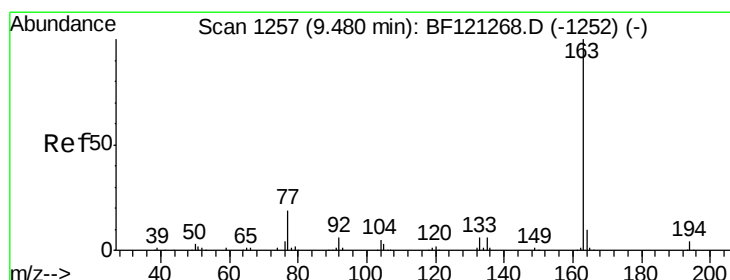
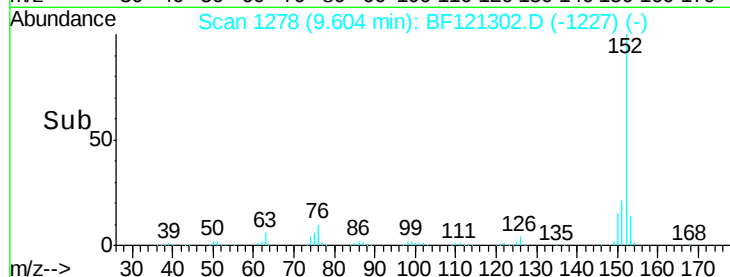
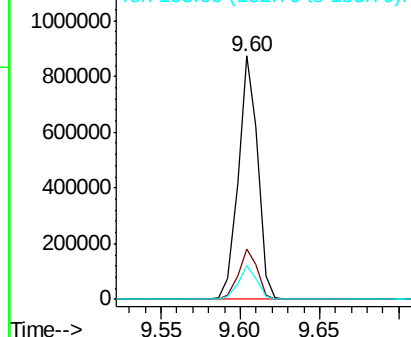
152 100

151 20.6 16.2 24.4

153 13.7 10.6 15.8



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: 37.411 ng

RT: 9.47 min Scan# 1256

Delta R.T. 0.01 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

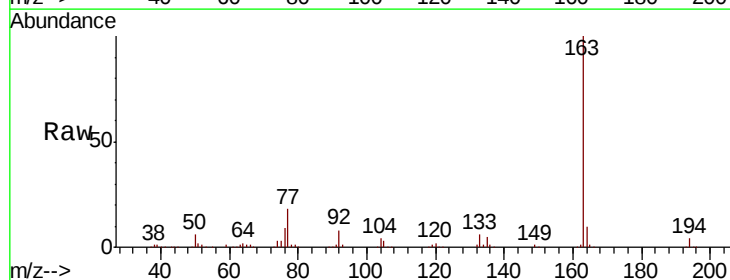
Tgt Ion:163 Resp: 552374

Ion Ratio Lower Upper

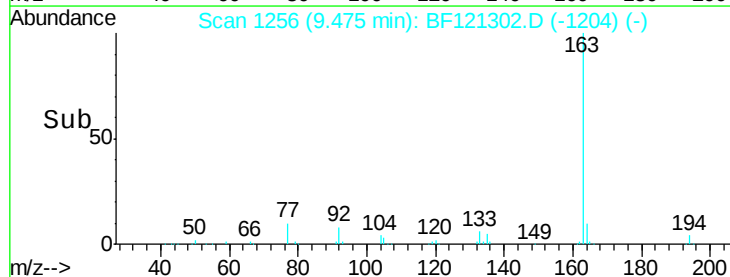
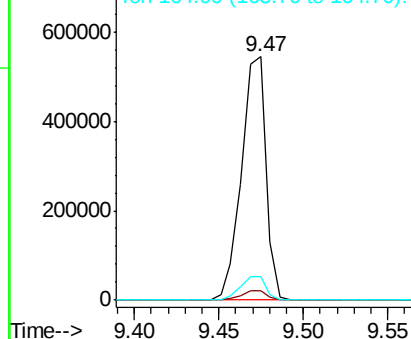
163 100

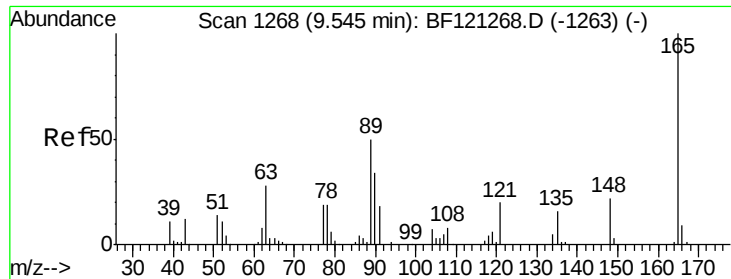
194 3.8 2.9 4.3

164 9.8 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

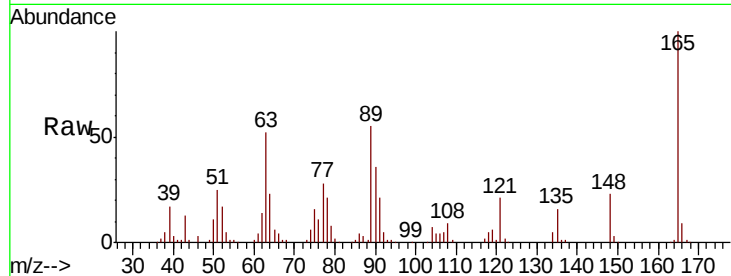




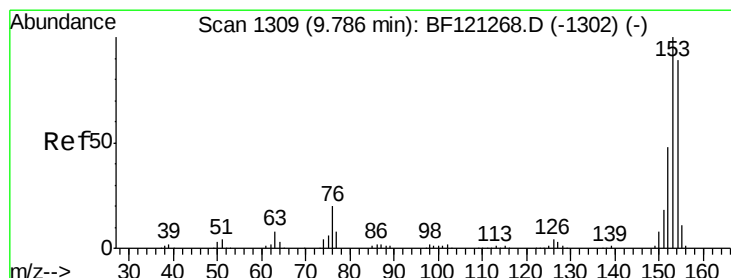
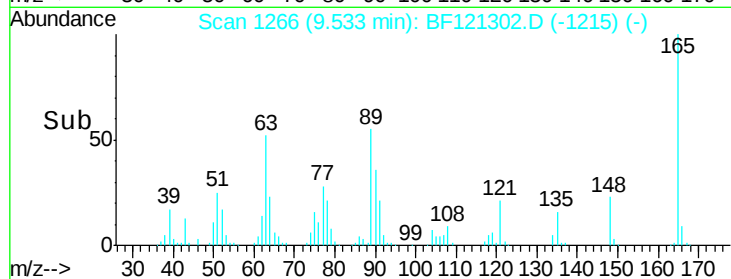
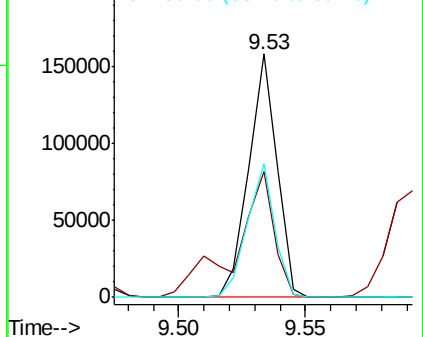
#51
 2,6-Dinitrotoluene
 Concen: 37.435 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF121302.D
 Acq: 17 Aug 2020 11:01

Instrument :
 BNA_F
 ClientSampleId :
 PB131001BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.9	42.0	63.0
89	54.7	44.7	67.1

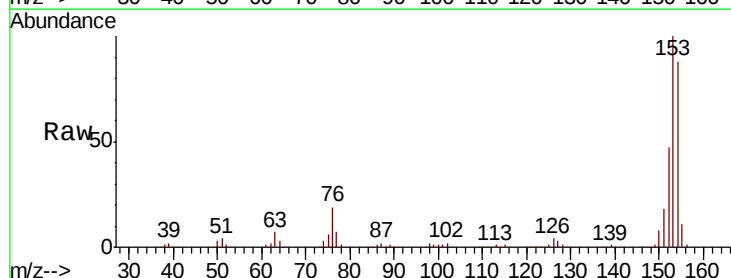


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

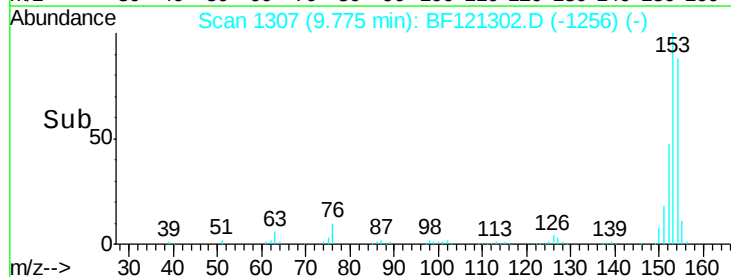
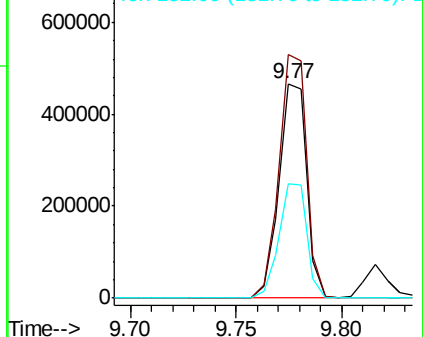


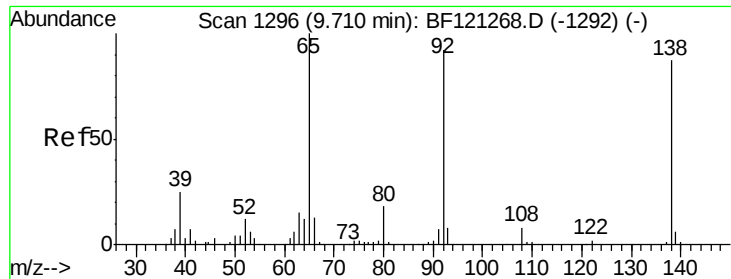
#52
 Acenaphthene
 Concen: 34.731 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.00 min
 Lab File: BF121302.D
 Acq: 17 Aug 2020 11:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.6	88.0	132.0
152	53.6	43.0	64.4



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

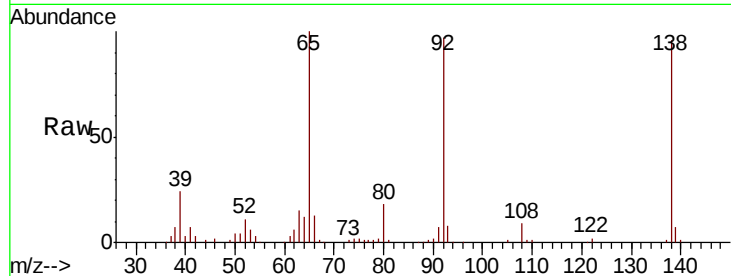




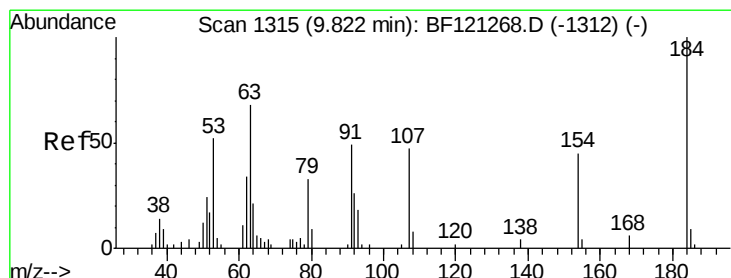
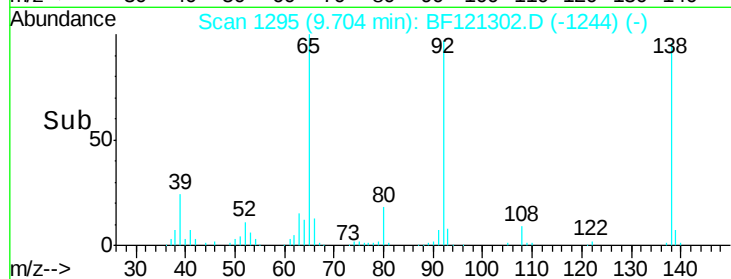
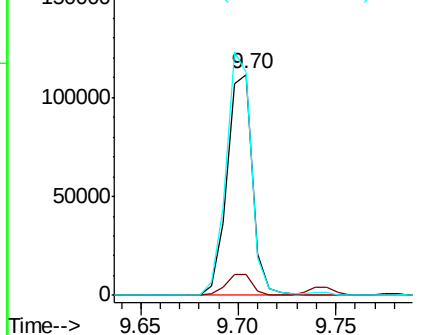
#53
 3-Nitroaniline
 Concen: 26.941 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BF121302.D
 Acq: 17 Aug 2020 11:01

Instrument :
 BNA_F
 ClientSampleId :
 PB131001BS

Tot Ion:138 Resp: 101243
 Ion Ratio Lower Upper
 138 100
 108 9.3 7.6 11.4
 92 100.9 82.6 123.8

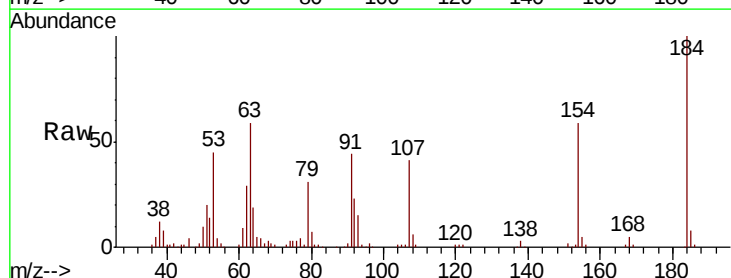


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

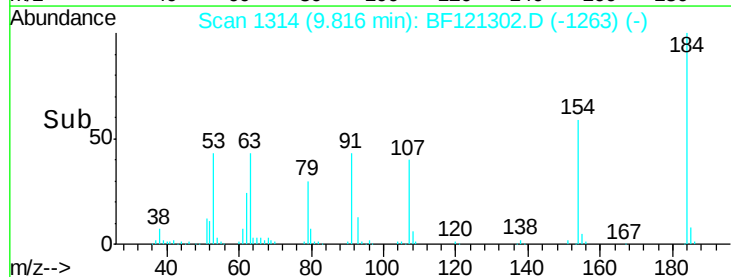
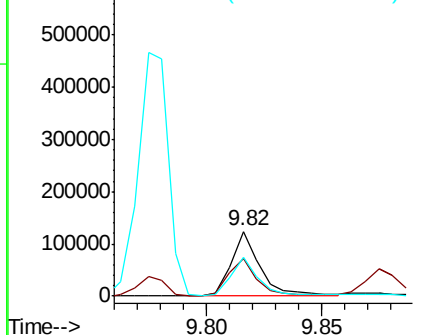


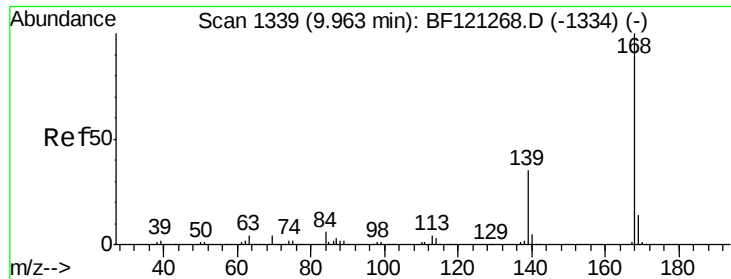
#54
 2,4-Dinitrophenol
 Concen: 65.400 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF121302.D
 Acq: 17 Aug 2020 11:01

Tgt Ion:184 Resp: 108494
 Ion Ratio Lower Upper
 184 100
 63 58.9 45.3 67.9
 154 59.4 46.4 69.6



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

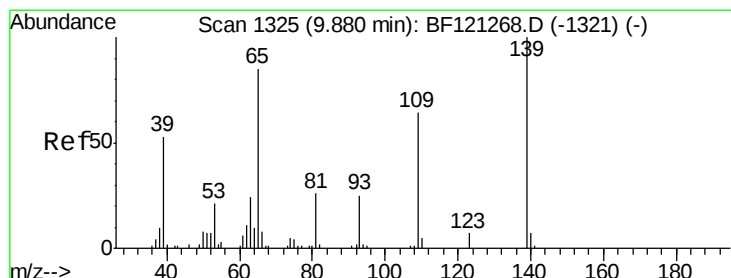
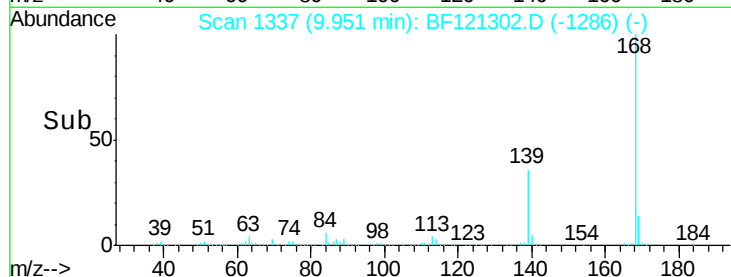
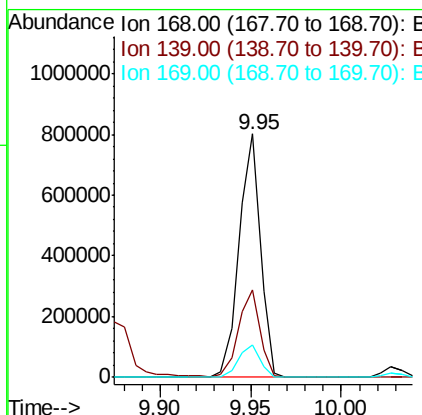
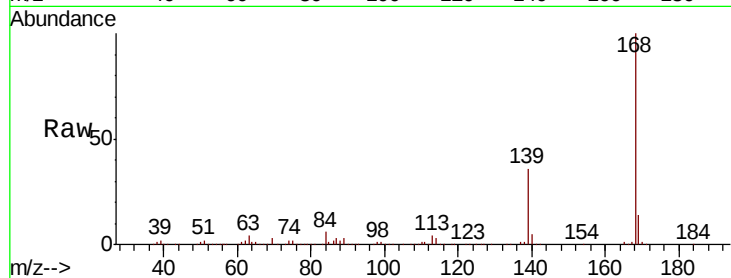




#55
Dibenzofuran
Concen: 33.565 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF121302.D
Acq: 17 Aug 2020 11:01

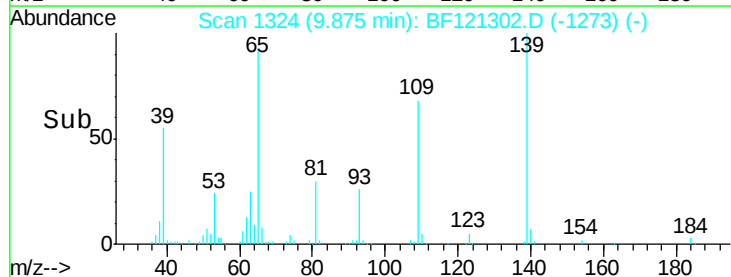
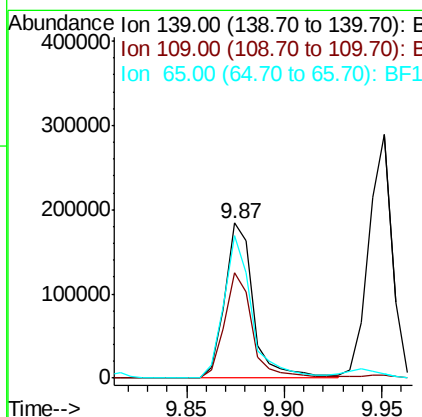
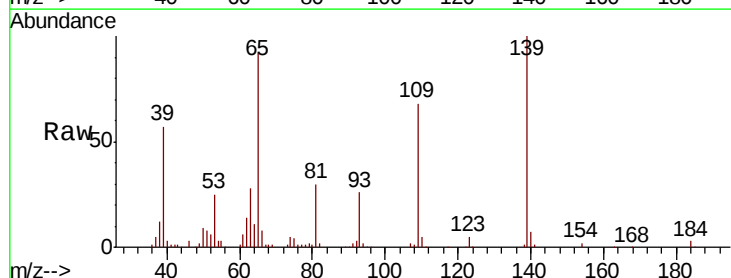
Instrument :
BNA_F
ClientSampleId :
PB131001BS

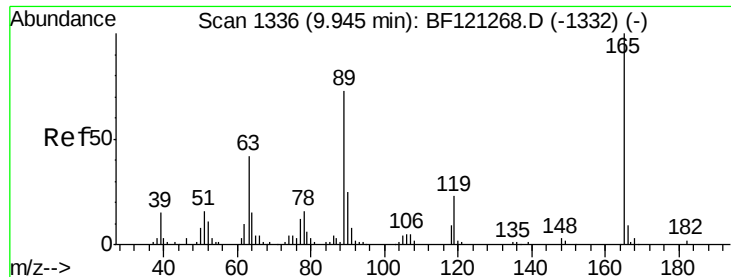
Tot Ion:168 Resp: 656003
Ion Ratio Lower Upper
168 100
139 36.1 27.9 41.9
169 13.5 10.5 15.7



#56
4-Nitrophenol
Concen: 77.342 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF121302.D
Acq: 17 Aug 2020 11:01

Tgt Ion:139 Resp: 187569
Ion Ratio Lower Upper
139 100
109 67.6 44.3 84.3
65 91.9 62.4 102.4

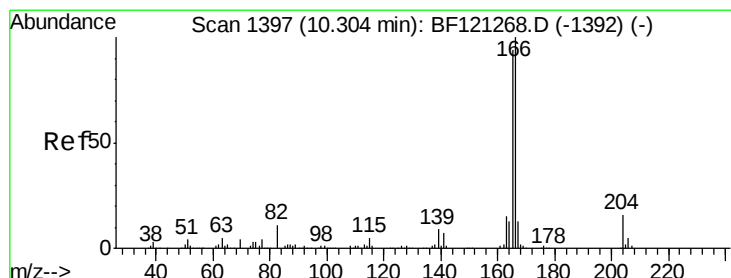
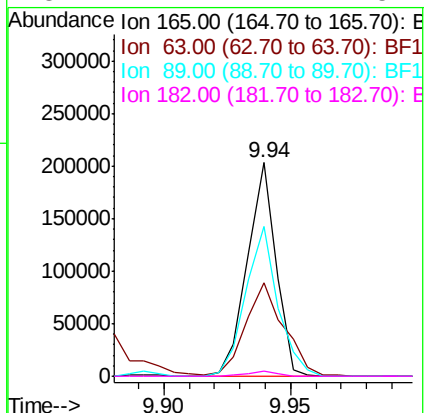
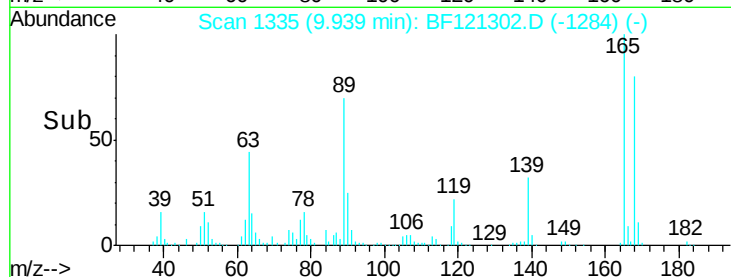
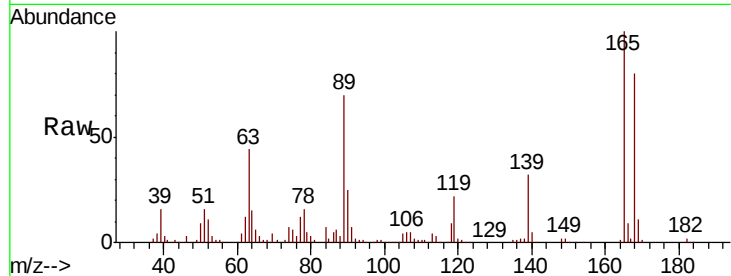




#57
 2,4-Dinitrotoluene
 Concen: 37.197 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: BF121302.D
 Acq: 17 Aug 2020 11:01

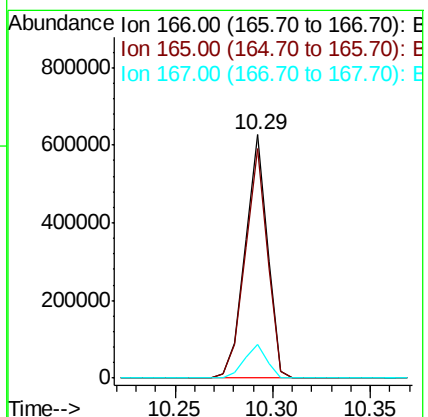
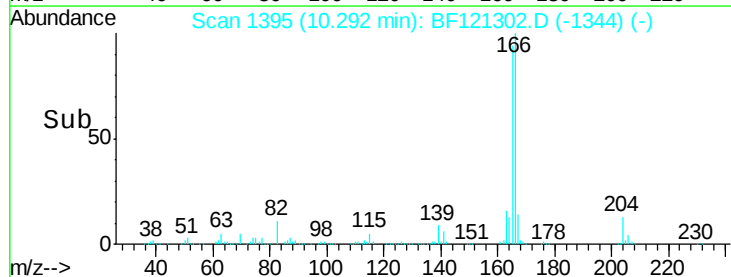
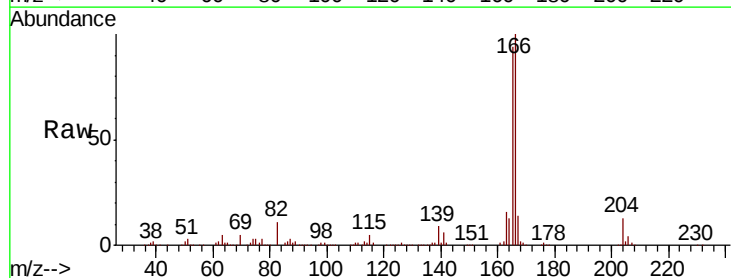
Instrument :
 BNA_F
 ClientSampleId :
 PB131001BS

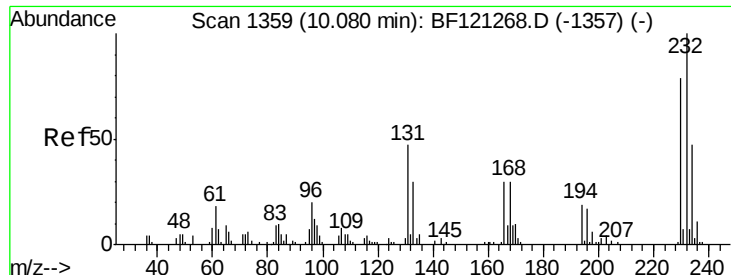
Tot Ion:165	Resp:	160667
Ion Ratio	Lower	Upper
165	100	
63	43.7	31.7 47.5
89	70.3	52.8 79.2
182	2.4	2.1 3.1



#58
 Fluorene
 Concen: 33.614 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: BF121302.D
 Acq: 17 Aug 2020 11:01

Tgt Ion:166	Resp:	497299
Ion Ratio	Lower	Upper
166	100	
165	94.3	74.5 111.7
167	13.6	10.7 16.1

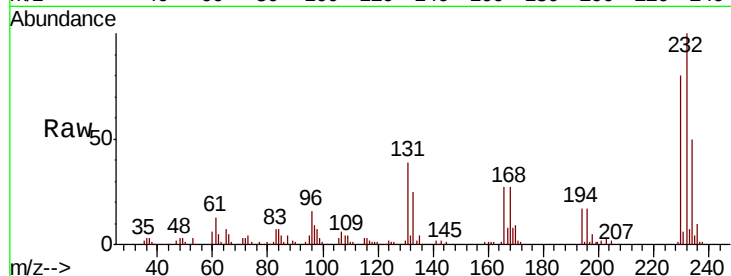




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.601 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. 0.01 min
 Lab File: BF121302.D
 Acq: 17 Aug 2020 11:01

Instrument :
 BNA_F
 ClientSampleId :
 PB131001BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.1	33.6	50.4
130	1.9	1.4	2.2
166	27.9	22.9	34.3



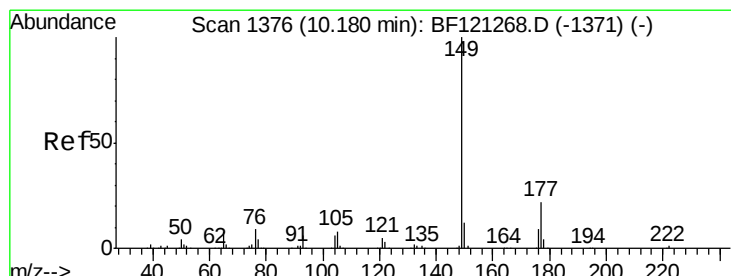
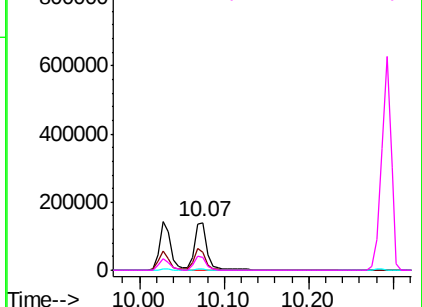
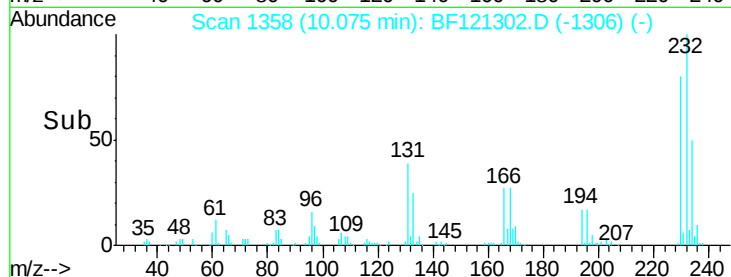
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

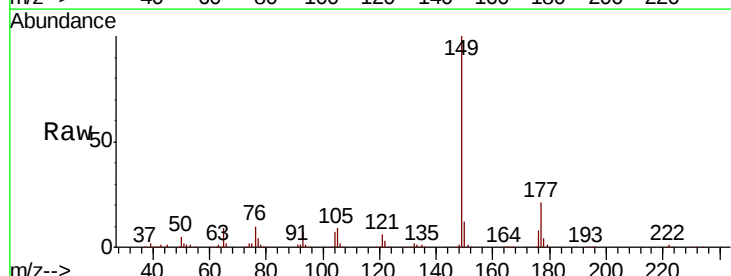
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 36.423 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: BF121302.D
 Acq: 17 Aug 2020 11:01

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.3	25.9
150	12.5	10.1	15.1

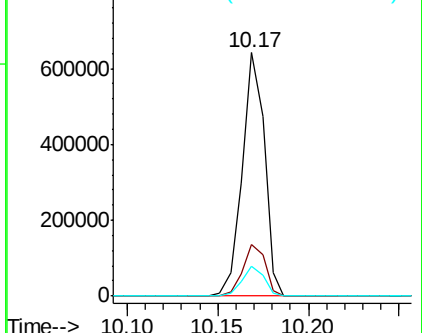
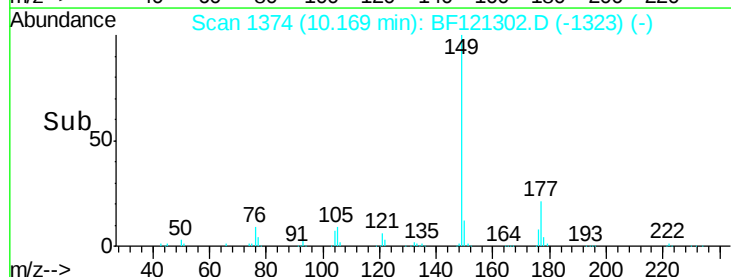


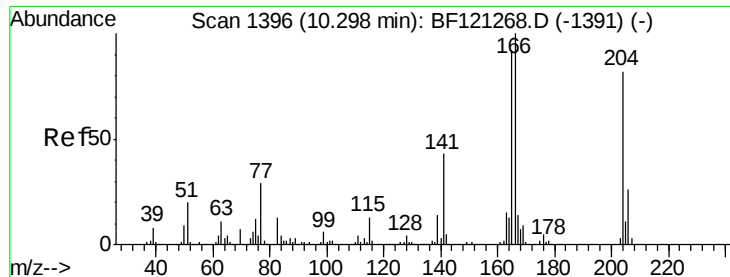
Abundance

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

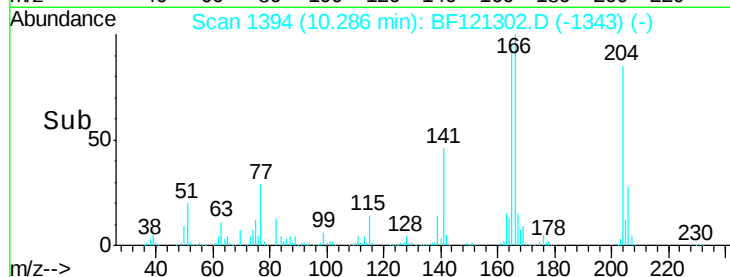
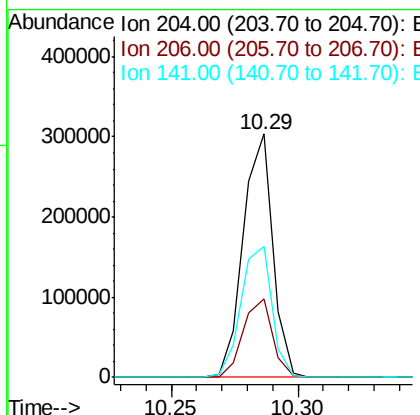
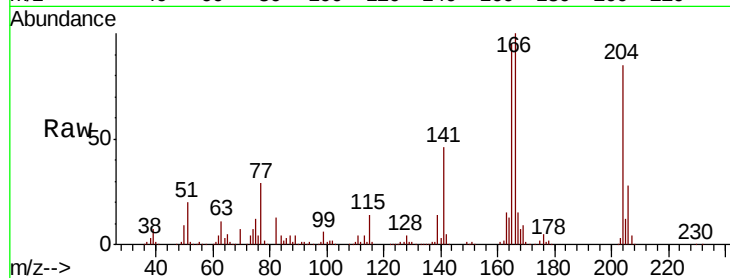




#61
 4-Chlorophenyl-phenylether
 Concen: 34.263 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.00 min
 Lab File: BF121302.D
 Acq: 17 Aug 2020 11:01

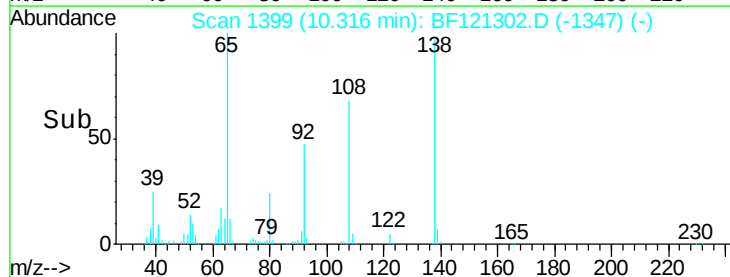
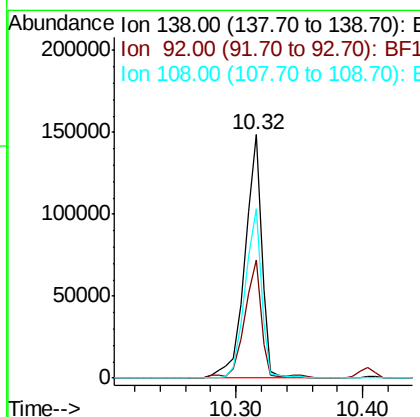
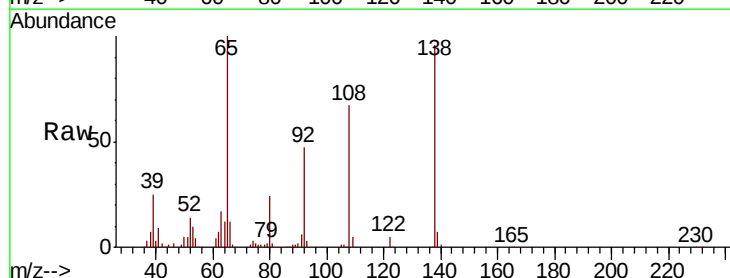
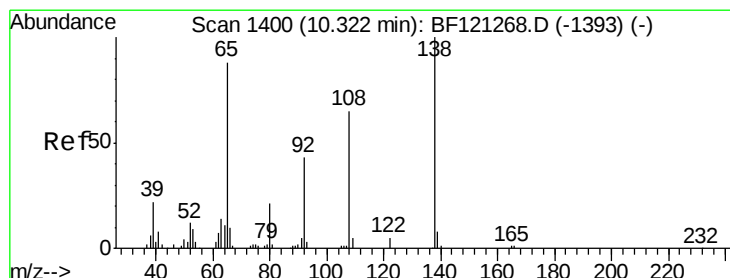
Instrument :
 BNA_F
 ClientSampleId :
 PB131001BS

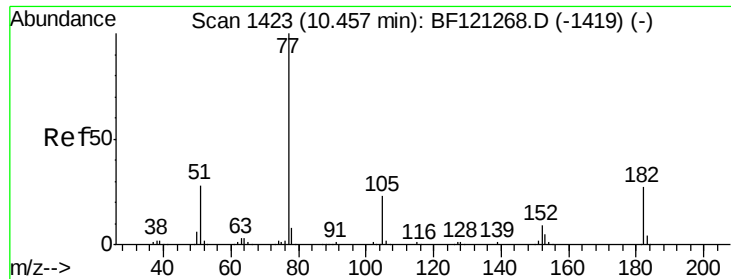
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.2	39.2
141	53.6	41.7	62.5



#62
 4-Nitroaniline
 Concen: 36.107 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF121302.D
 Acq: 17 Aug 2020 11:01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.6	28.2	68.2
108	69.7	50.0	90.0

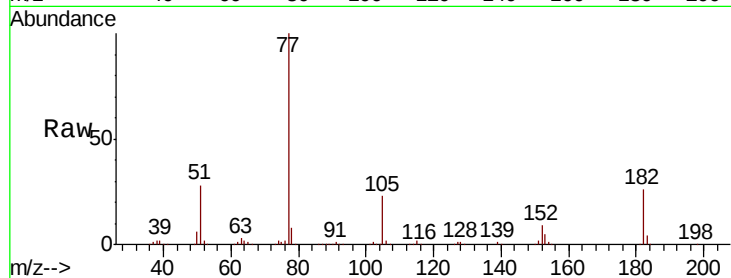




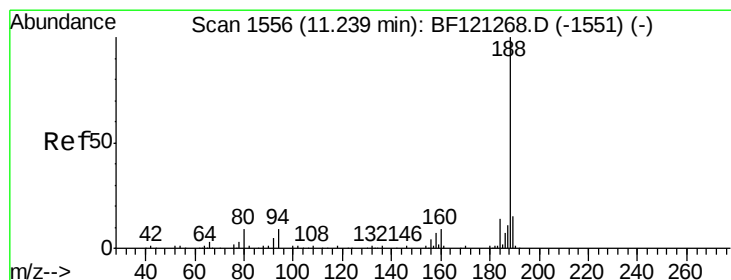
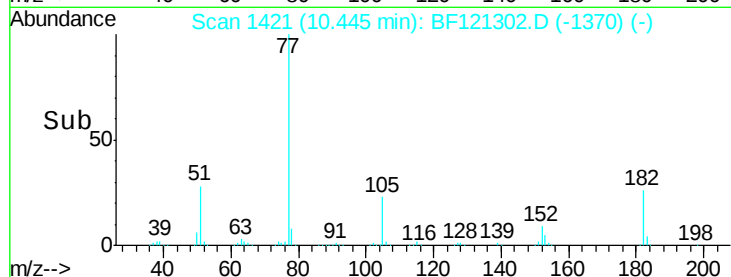
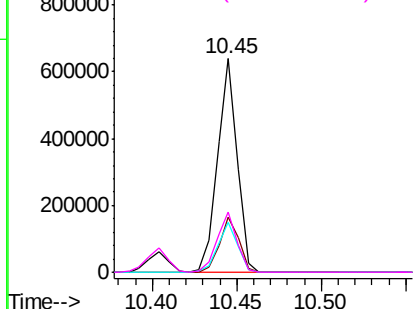
#63
Azobenzene
Concen: 34.672 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF121302.D
Acq: 17 Aug 2020 11:01

Instrument :
BNA_F
ClientSampleId :
PB131001BS

Tot Ion:	77	Resp:	520147
Ion	Ratio	Lower	Upper
77	100		
182	26.0	6.7	46.7
105	23.5	3.7	43.7
51	28.0	8.1	48.1

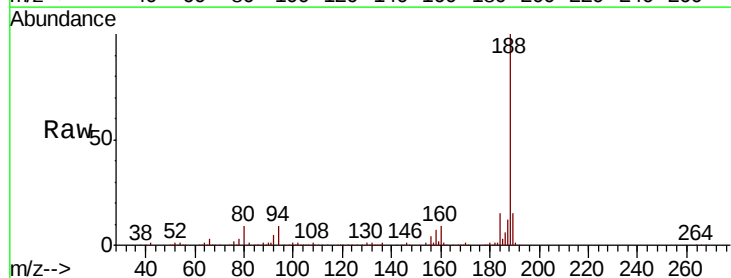


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

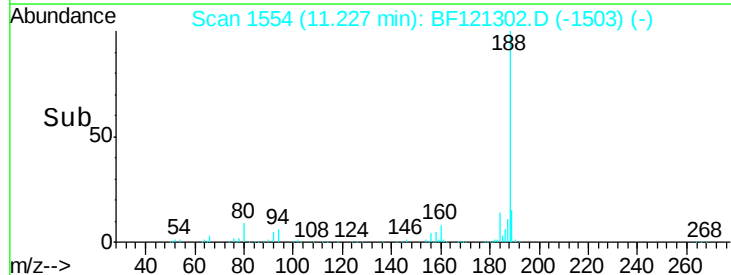
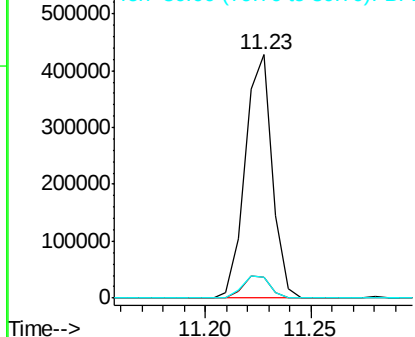


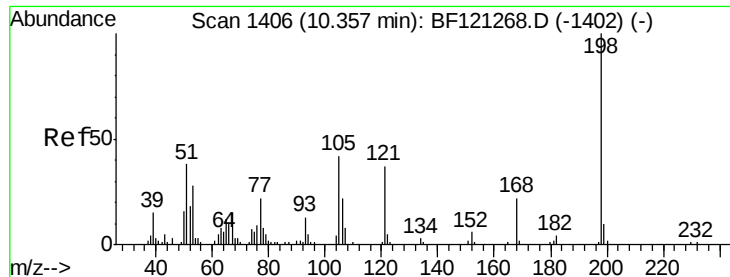
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.00 min
Lab File: BF121302.D
Acq: 17 Aug 2020 11:01

Tgt Ion:	188	Resp:	379685
Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.4	9.6
80	8.8	7.0	10.4



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

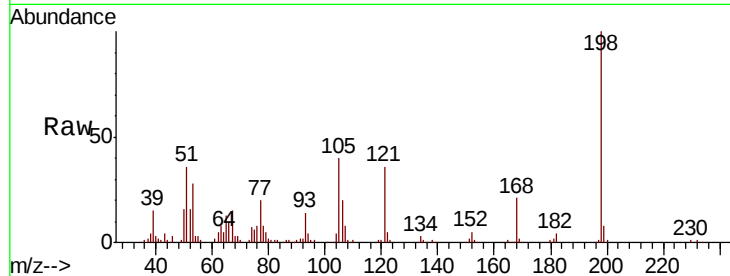




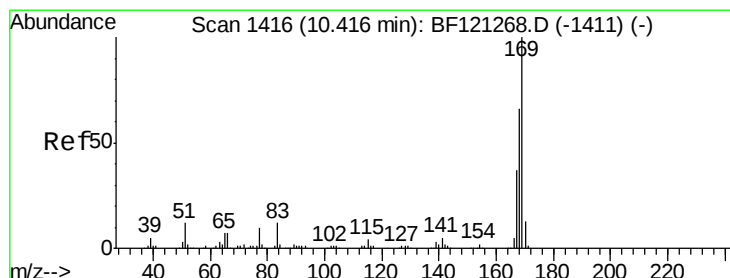
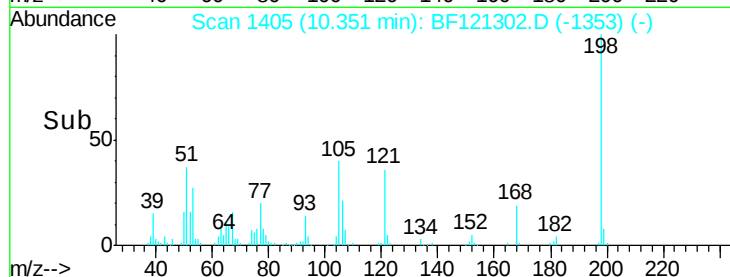
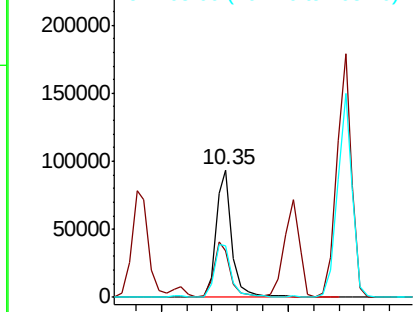
#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.938 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.01 min
 Lab File: BF121302.D
 Acq: 17 Aug 2020 11:01

Instrument :
 BNA_F
 ClientSampleId :
 PB131001BS

Tot Ion	198	Resp	83219
Ion Ratio	100	Lower	Upper
51	36.3	29.1	69.1
105	40.2	28.5	68.5

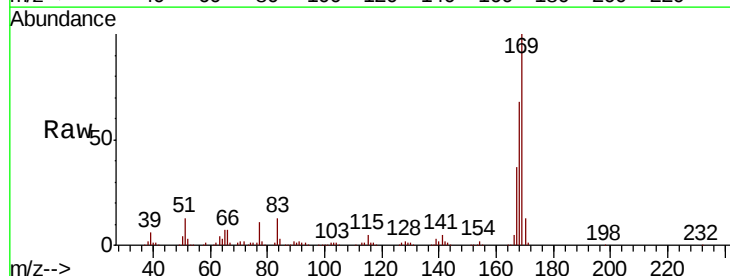


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

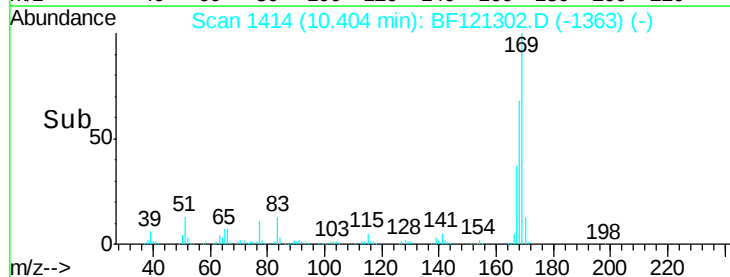
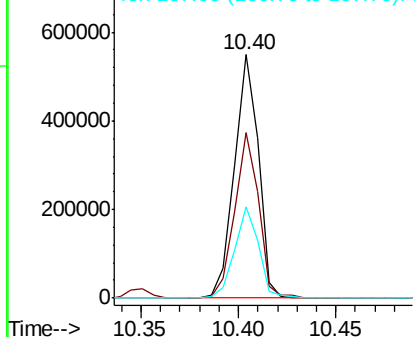


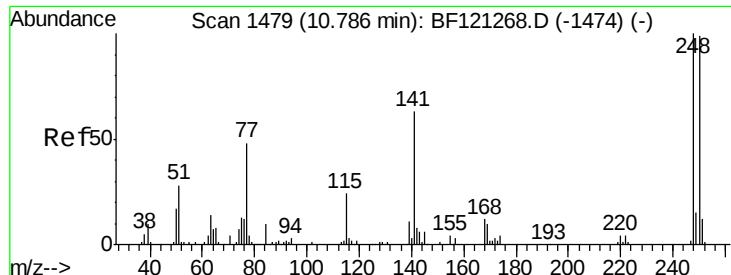
#66
 n-Nitrosodiphenylamine
 Concen: 35.954 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF121302.D
 Acq: 17 Aug 2020 11:01

Tgt Ion	169	Resp	468091
Ion Ratio	100	Lower	Upper
168	68.2	53.4	80.0
167	37.3	29.3	43.9



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

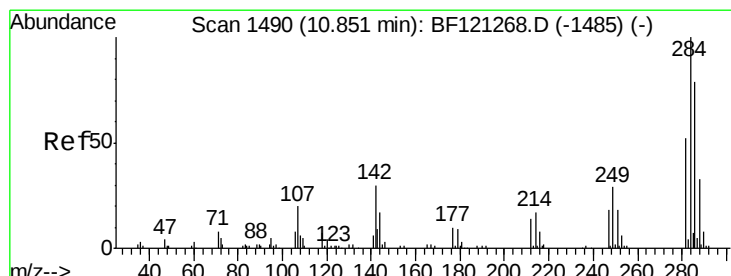
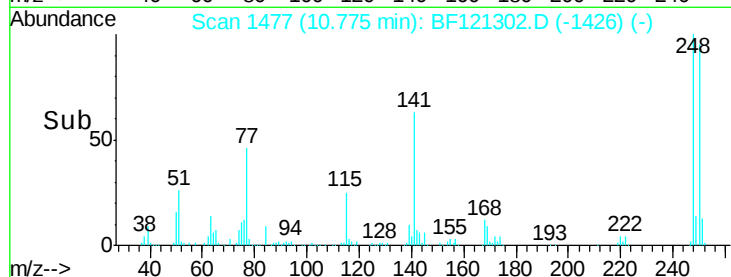
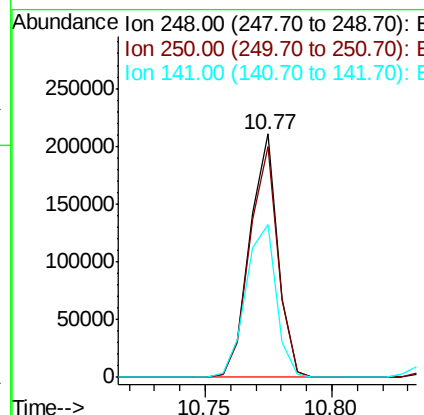
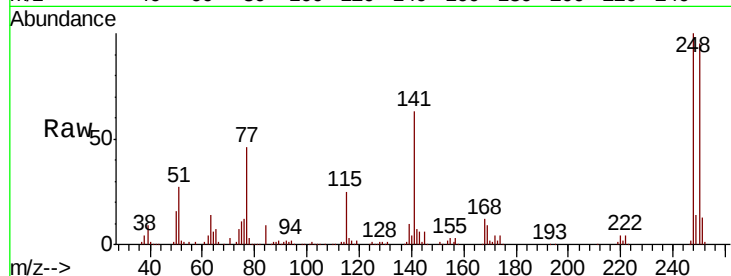




#67
4-Bromophenyl-phenylether
Concen: 36.681 ng
RT: 10.77 min Scan# 1477
Delta R.T. 0.00 min
Lab File: BF121302.D
Acq: 17 Aug 2020 11:01

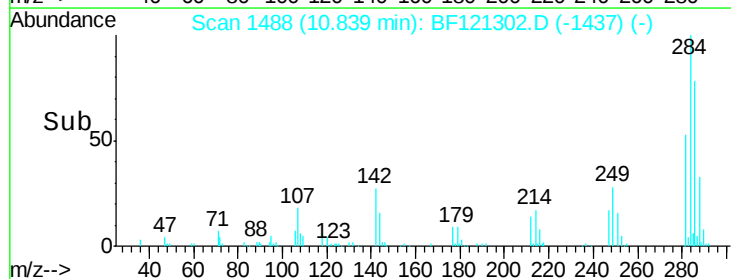
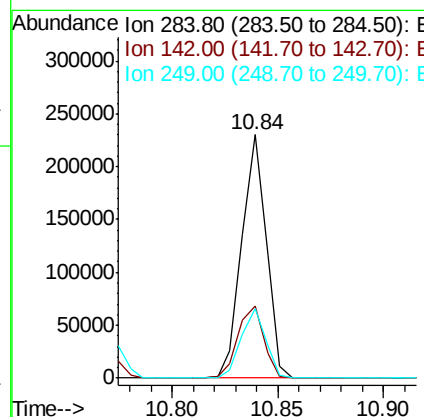
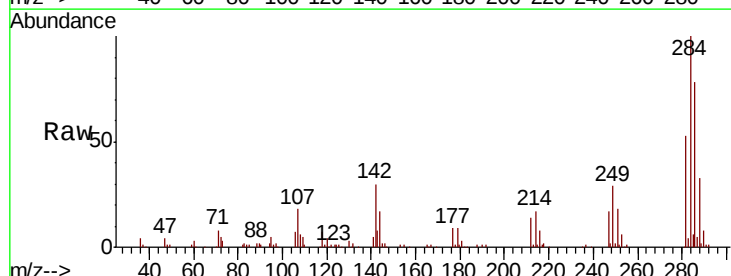
Instrument :
BNA_F
ClientSampleId :
PB131001BS

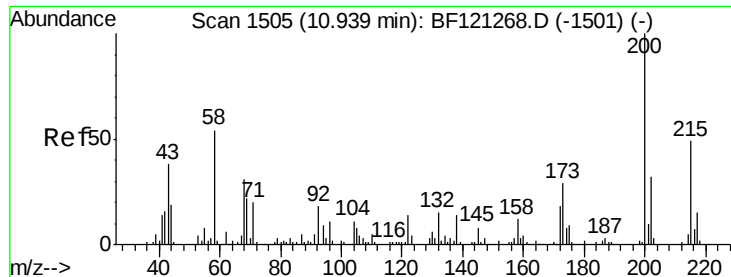
Tot Ion:248 Resp: 162457
Ion Ratio Lower Upper
248 100
250 94.6 77.4 116.0
141 62.6 48.9 73.3



#68
Hexachlorobenzene
Concen: 36.518 ng
RT: 10.84 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BF121302.D
Acq: 17 Aug 2020 11:01

Tgt Ion:284 Resp: 184430
Ion Ratio Lower Upper
284 100
142 29.6 24.6 36.8
249 28.5 23.2 34.8

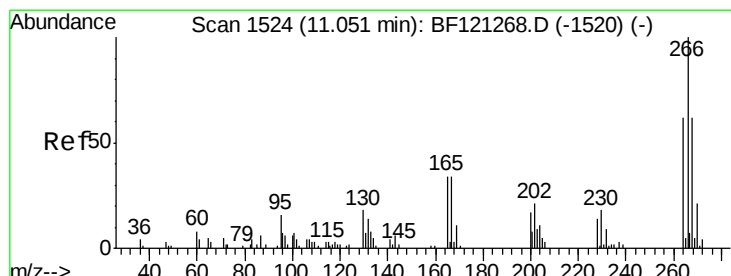
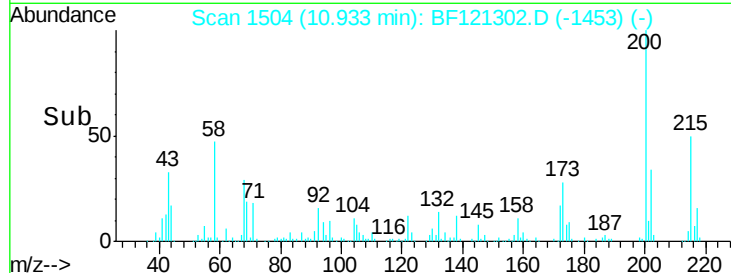
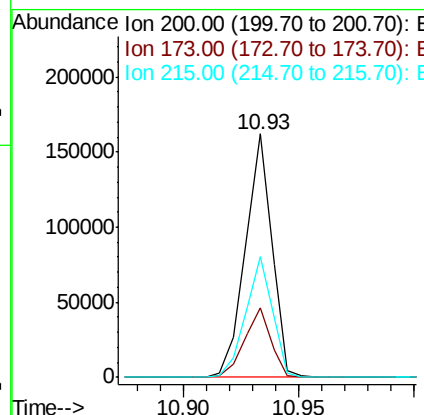
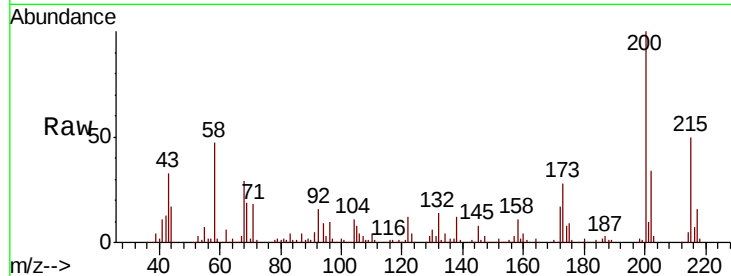




#69
Atrazine
Concen: 33.554 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF121302.D
Acq: 17 Aug 2020 11:01

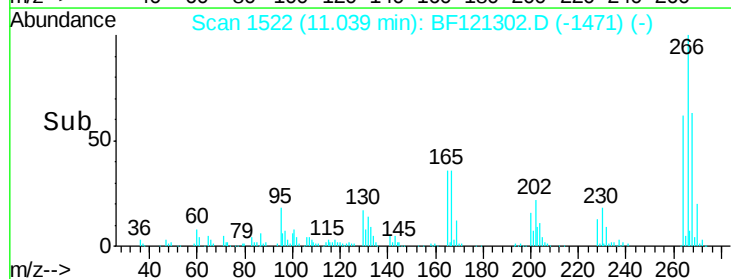
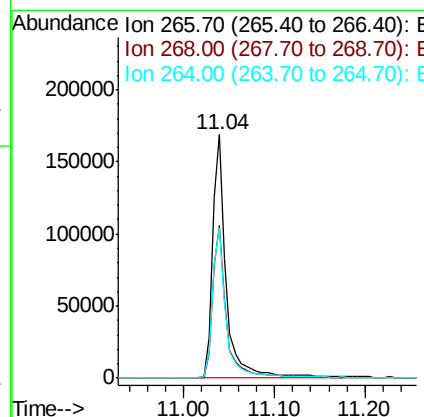
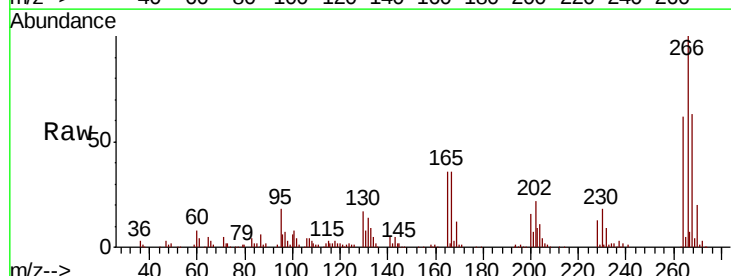
Instrument :
BNA_F
ClientSampleId :
PB131001BS

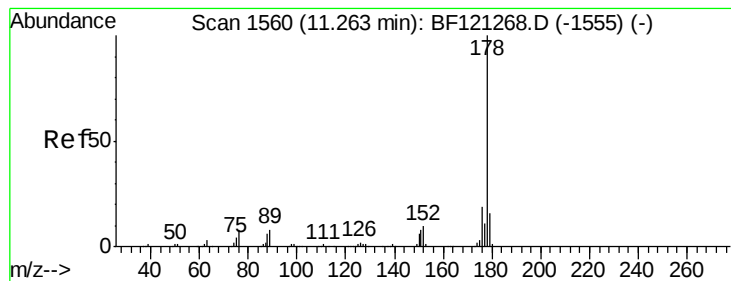
Tot Ion:200 Resp: 130665
Ion Ratio Lower Upper
200 100
173 28.4 7.4 47.4
215 49.6 29.1 69.1



#70
Pentachlorophenol
Concen: 80.614 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.00 min
Lab File: BF121302.D
Acq: 17 Aug 2020 11:01

Tgt Ion:266 Resp: 181395
Ion Ratio Lower Upper
266 100
268 62.8 53.3 79.9
264 61.5 49.4 74.0





#71

Phenanthrene

Concen: 35.088 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

Instrument :

BNA_F

ClientSampleId :

PB131001BS

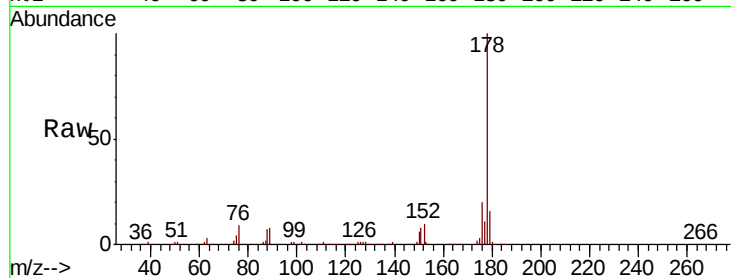
Tot Ion:178 Resp: 762169

Ion Ratio Lower Upper

178 100

176 20.2 15.6 23.4

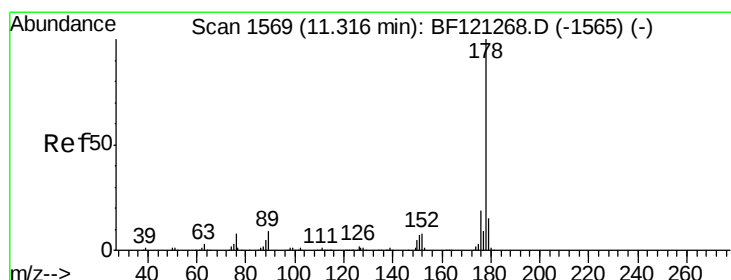
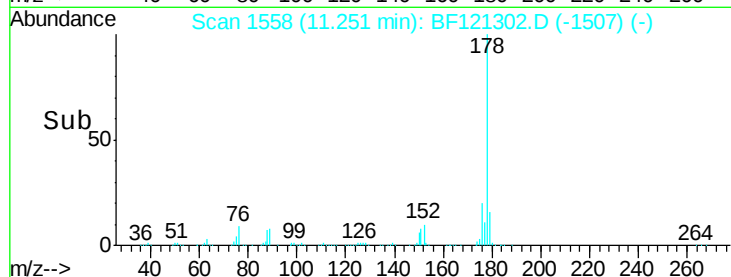
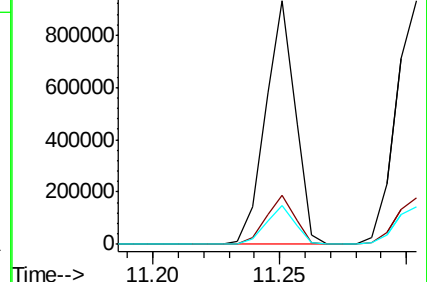
179 15.7 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 36.424 ng

RT: 11.30 min Scan# 1567

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

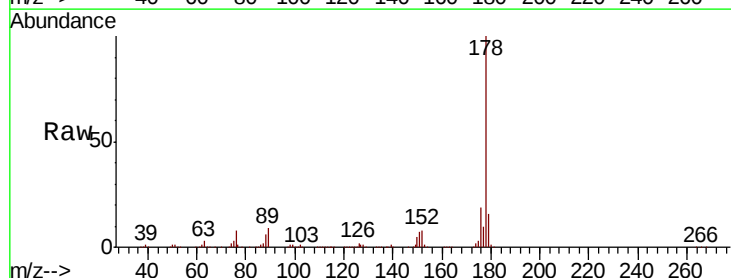
Tgt Ion:178 Resp: 793951

Ion Ratio Lower Upper

178 100

176 19.2 14.9 22.3

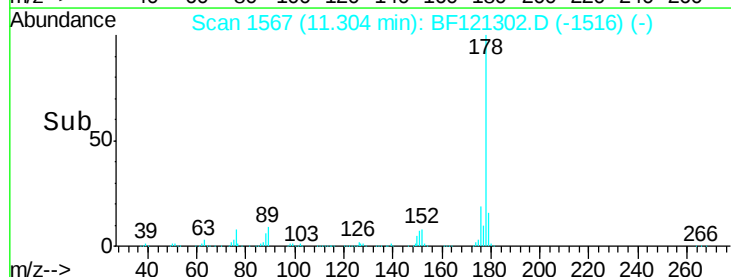
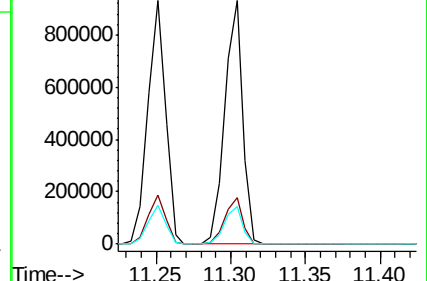
179 15.6 12.2 18.4

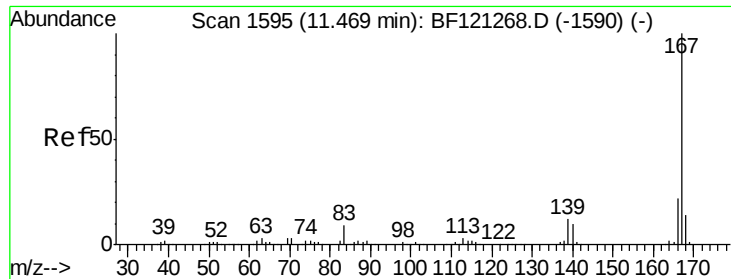


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

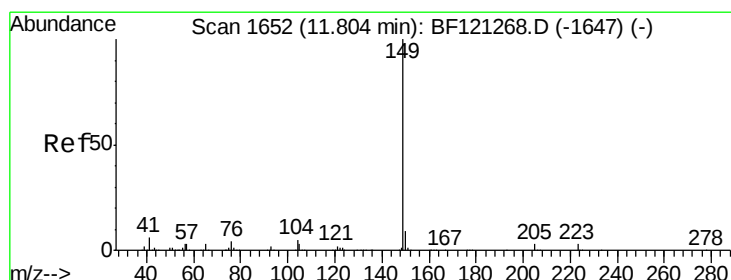
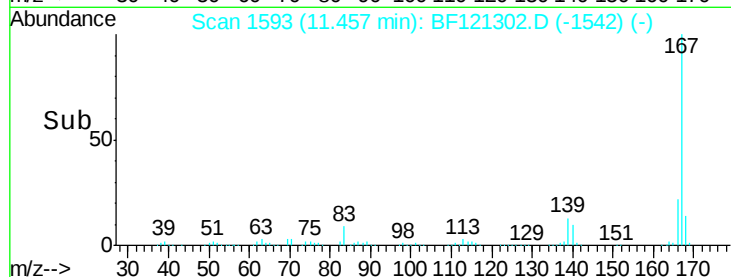
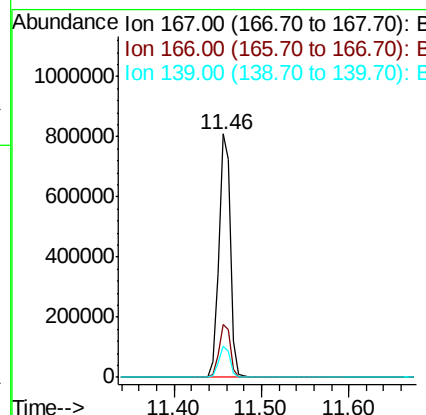
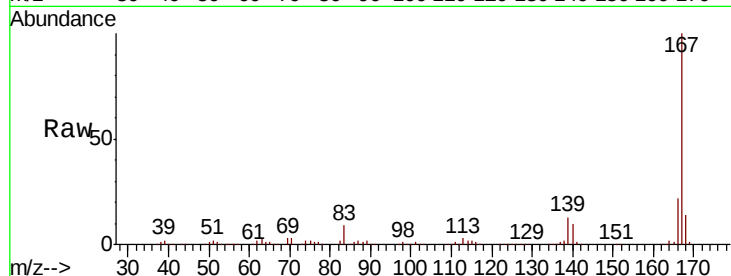




#73
 Carbazole
 Concen: 34.587 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.00 min
 Lab File: BF121302.D
 Acq: 17 Aug 2020 11:01

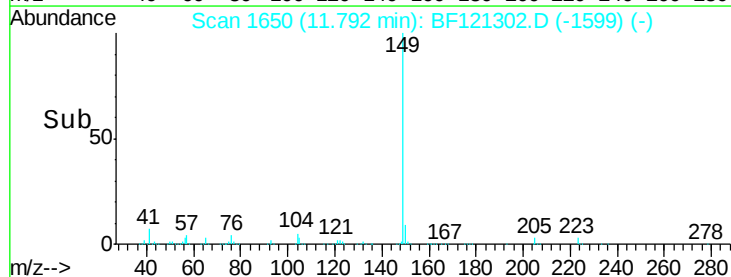
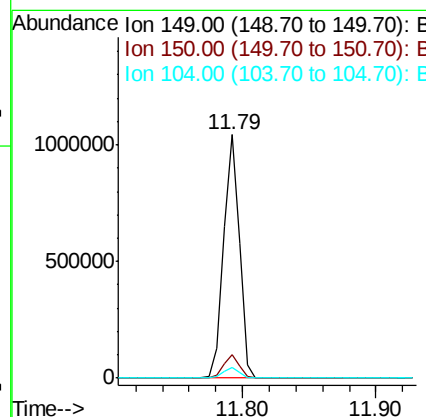
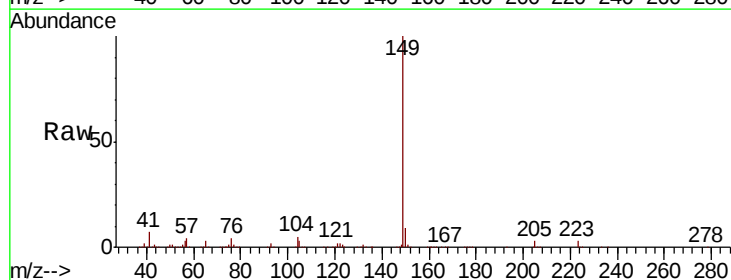
Instrument :
 BNA_F
 ClientSampleId :
 PB131001BS

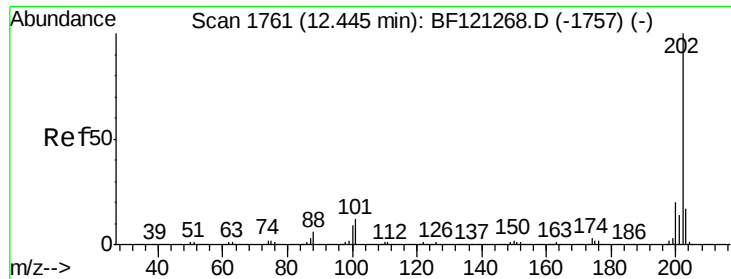
Tot Ion:167 Resp: 737320
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 12.7 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 36.262 ng
 RT: 11.79 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BF121302.D
 Acq: 17 Aug 2020 11:01

Tgt Ion:149 Resp: 872550
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 4.5 3.6 5.4

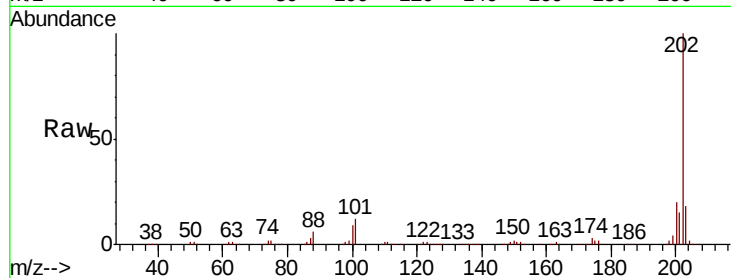




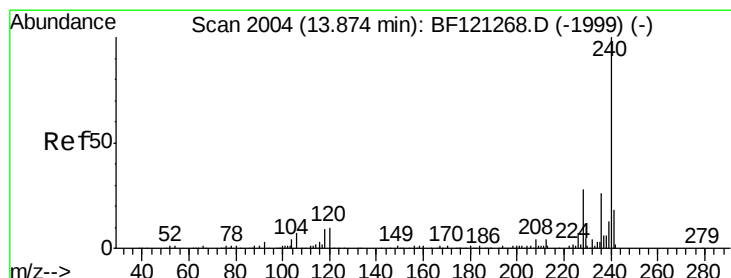
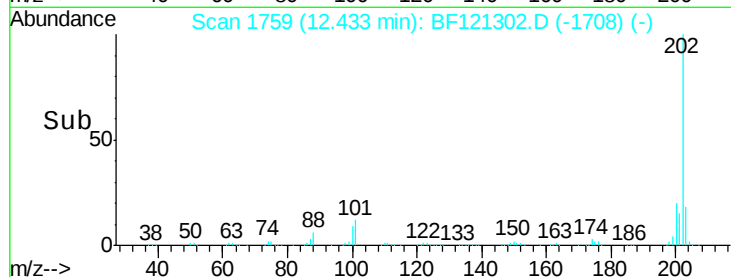
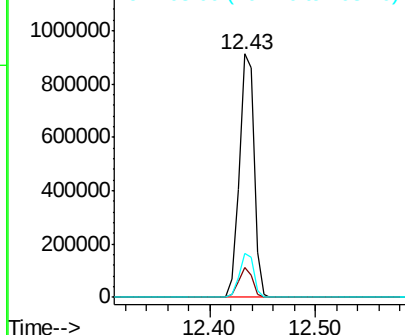
#75
 Fluoranthene
 Concen: 35.580 ng
 RT: 12.43 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BF121302.D
 Acq: 17 Aug 2020 11:01

Instrument :
 BNA_F
 ClientSampleId :
 PB131001BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	32.2
203	18.1	0.0	38.2

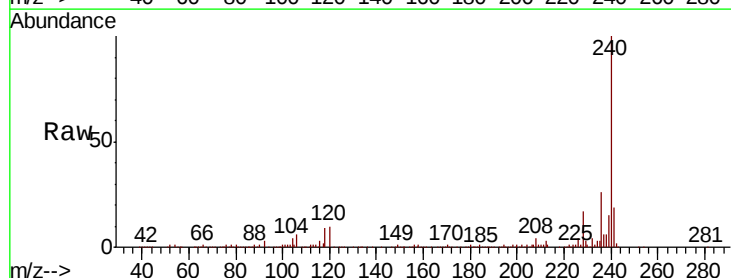


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

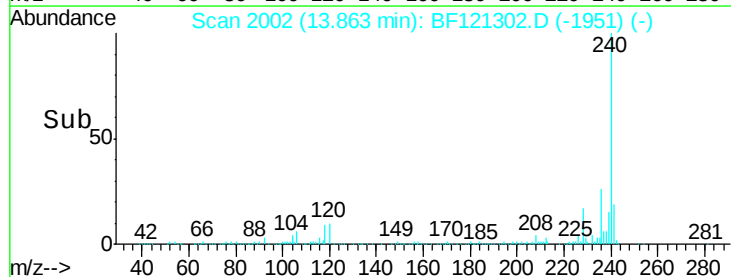
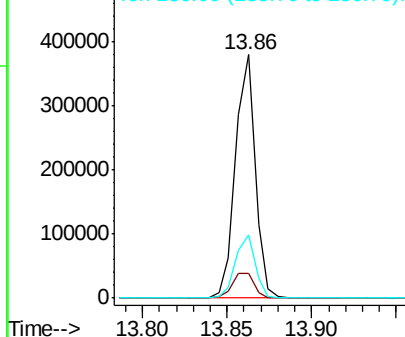


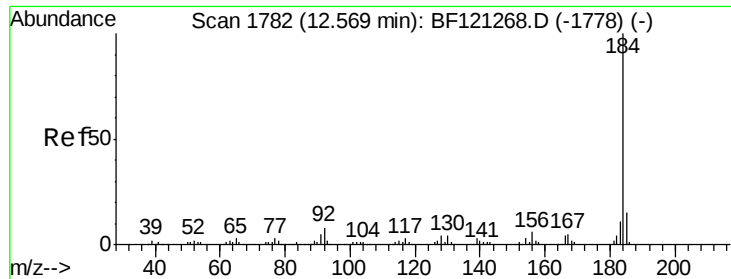
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: BF121302.D
 Acq: 17 Aug 2020 11:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.3	12.5
236	26.0	21.2	31.8



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 50.430 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

Instrument :

BNA_F

ClientSampleId :

PB131001BS

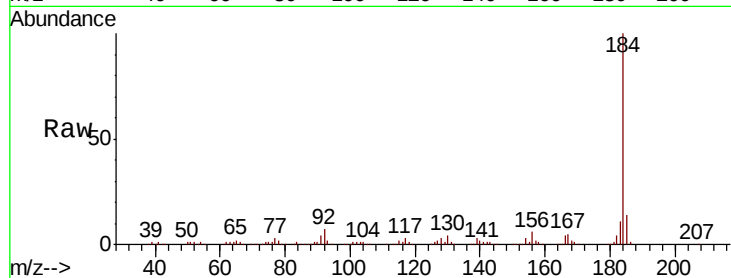
Tot Ion:184 Resp: 408430

Ion Ratio Lower Upper

184 100

185 14.2 11.1 16.7

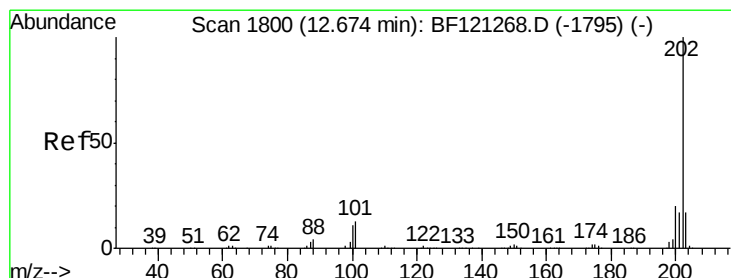
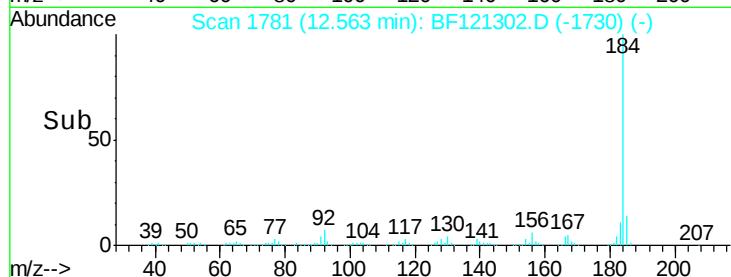
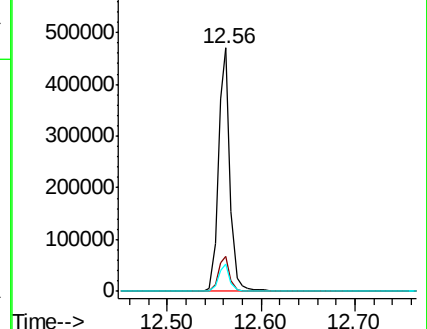
183 11.1 8.6 13.0



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: 38.686 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

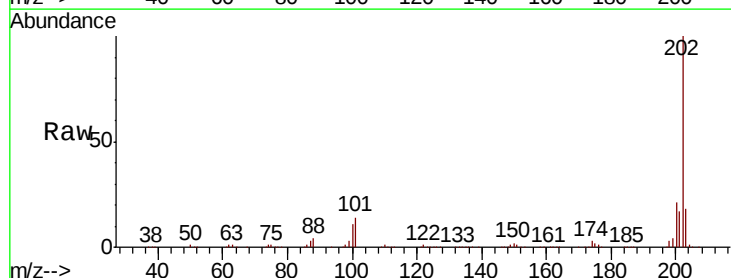
Tgt Ion:202 Resp: 887521

Ion Ratio Lower Upper

202 100

200 20.7 16.4 24.6

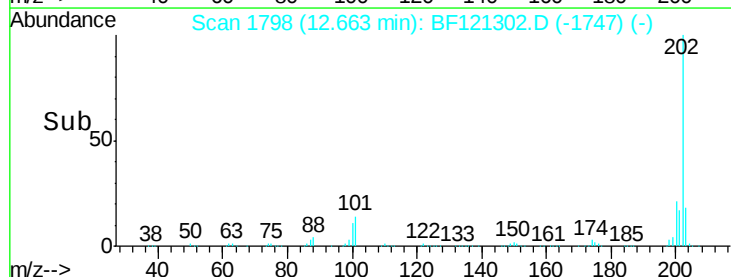
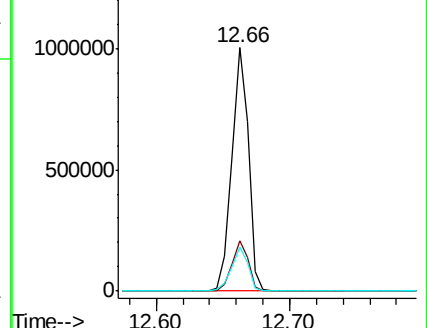
203 17.8 14.2 21.4

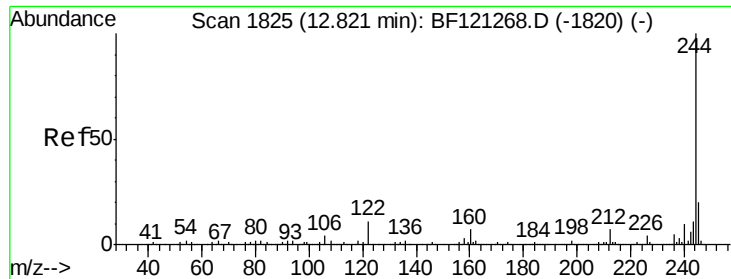


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 61.162 ng

RT: 12.81 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

Instrument :

BNA_F

ClientSampleId :

PB131001BS

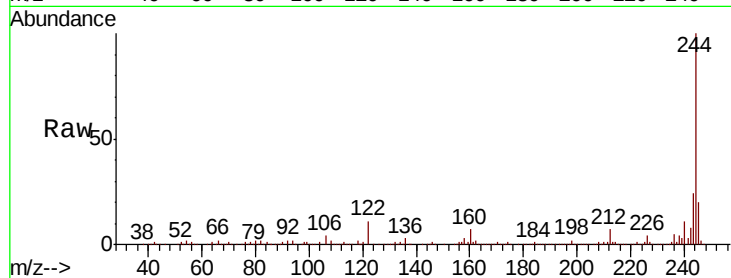
Tot Ion:244 Resp: 966614

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

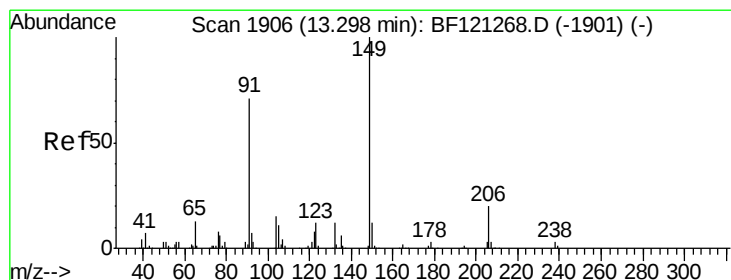
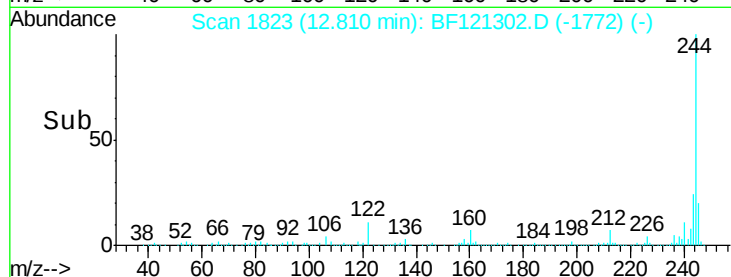
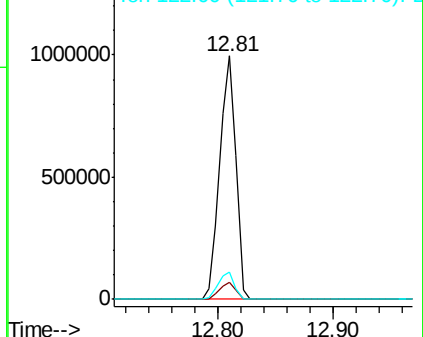
122 11.2 9.0 13.6



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: 39.722 ng

RT: 13.29 min Scan# 1904

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

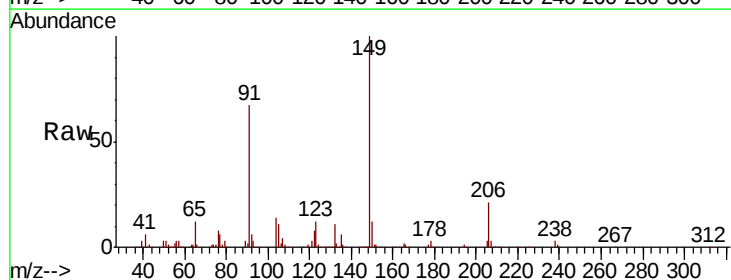
Tgt Ion:149 Resp: 372242

Ion Ratio Lower Upper

149 100

91 66.7 53.0 79.4

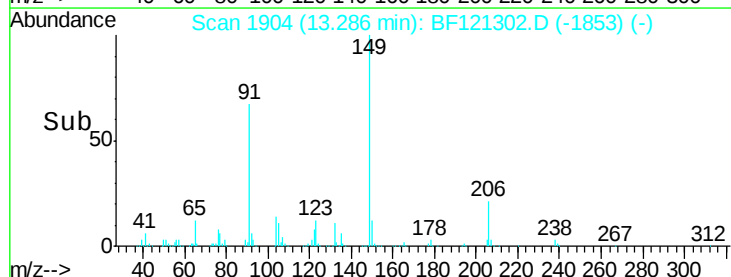
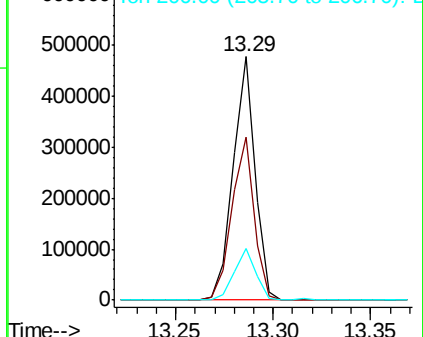
206 21.0 16.7 25.1

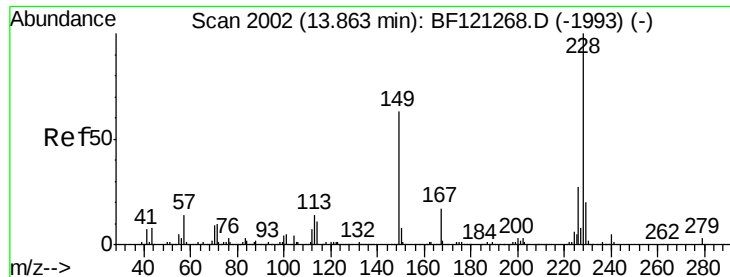


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 35.061 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

Instrument :

BNA_F

ClientSampleId :

PB131001BS

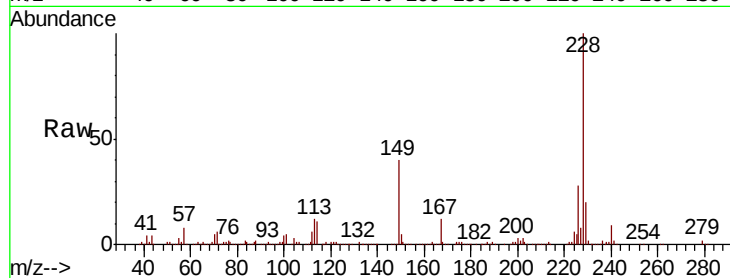
Tot Ion:228 Resp: 732613

Ion Ratio Lower Upper

228 100

226 27.5 22.0 33.0

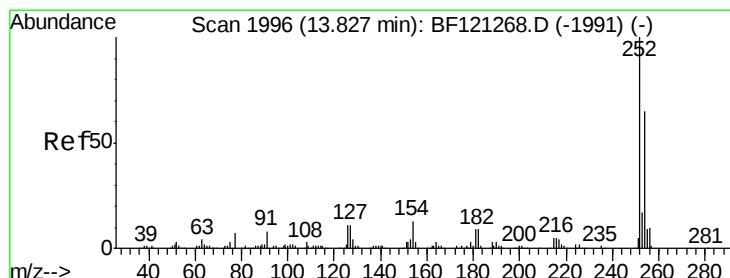
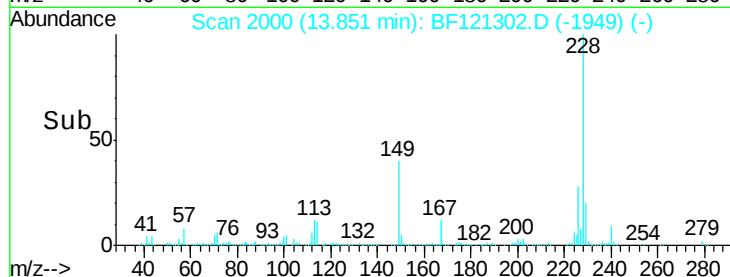
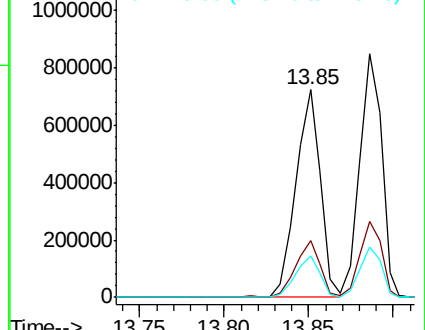
229 19.6 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.370 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

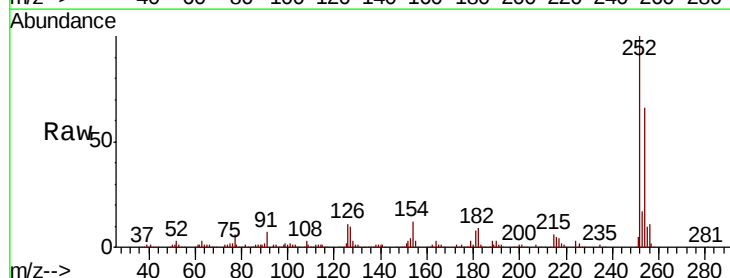
Tgt Ion:252 Resp: 226902

Ion Ratio Lower Upper

252 100

254 65.9 52.2 78.2

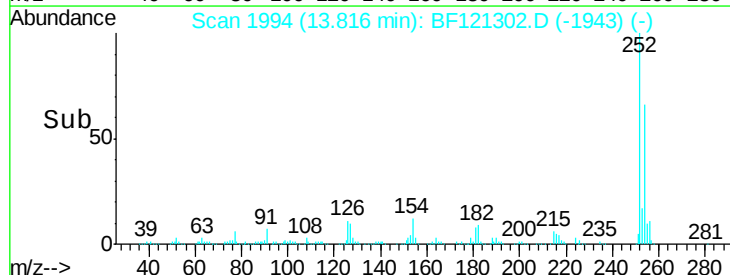
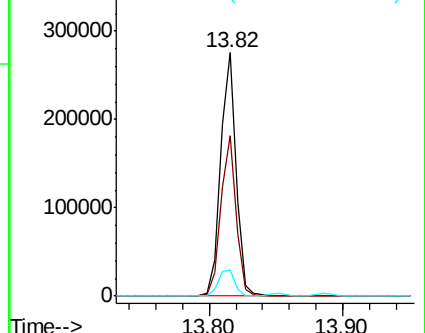
126 10.6 9.1 13.7

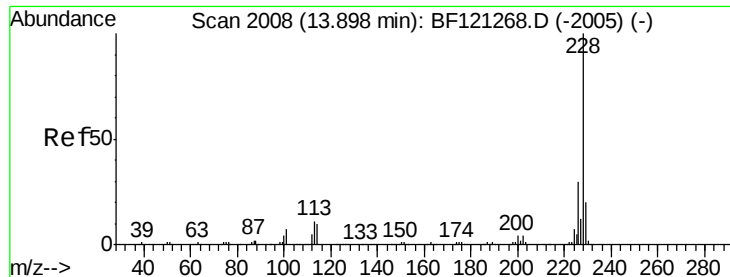


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

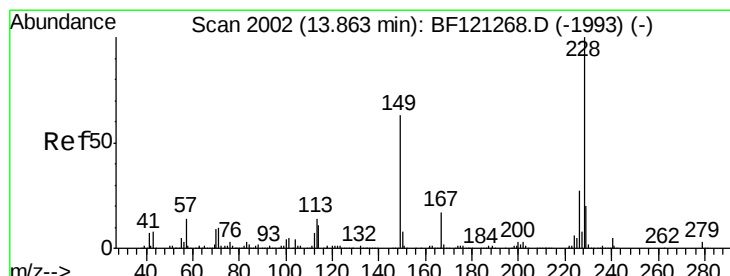
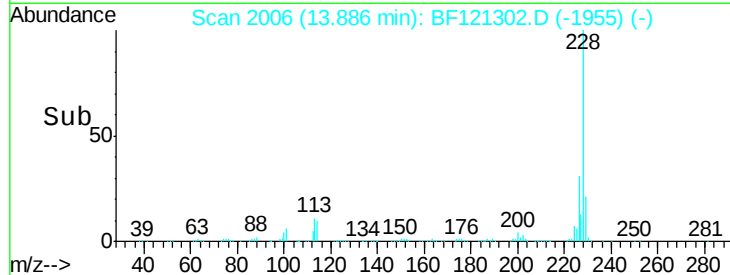
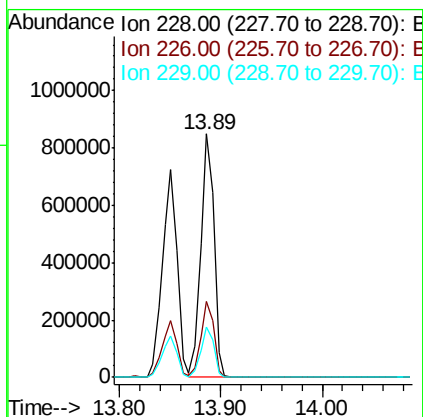
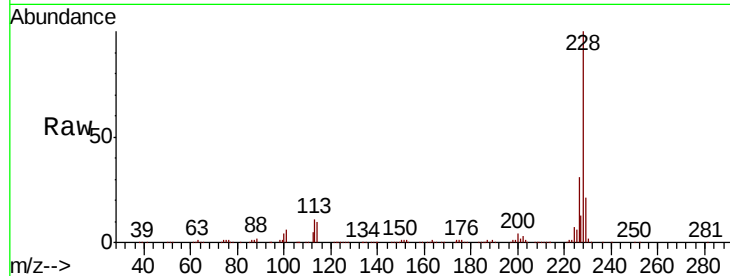




#83
 Chrvsene
 Concen: 36.040 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BF121302.D
 Acq: 17 Aug 2020 11:01

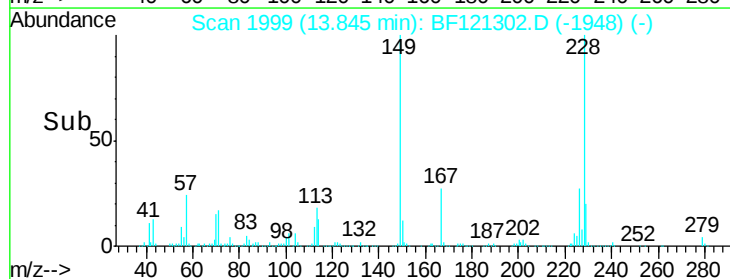
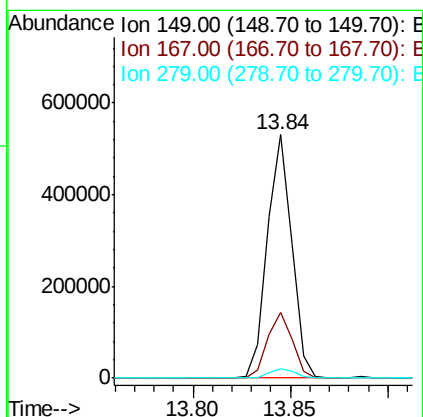
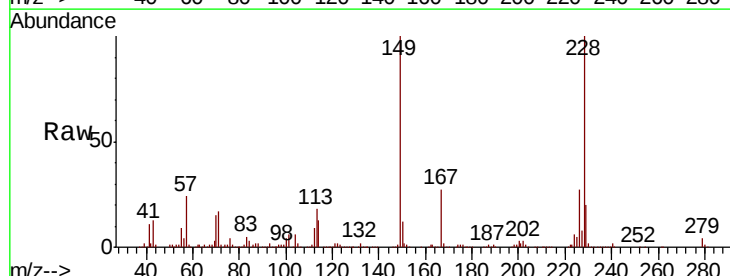
Instrument :
 BNA_F
 ClientSampleId :
 PB131001BS

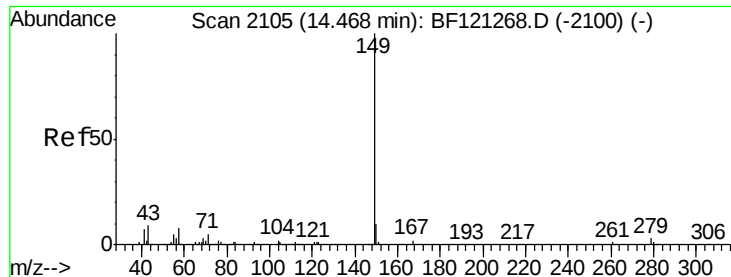
Tot Ion:228 Resp: 768875
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.3 37.9
 229 20.5 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 35.834 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. 0.00 min
 Lab File: BF121302.D
 Acq: 17 Aug 2020 11:01

Tgt Ion:149 Resp: 462853
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.5 32.3
 279 4.0 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 37.044 ng

RT: 14.46 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

Instrument :

BNA_F

ClientSampleId :

PB131001BS

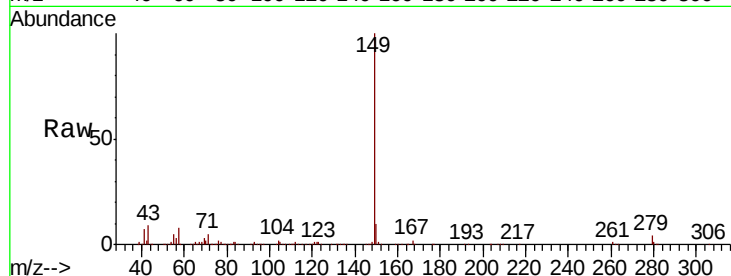
Tot Ion:149 Resp: 877275

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

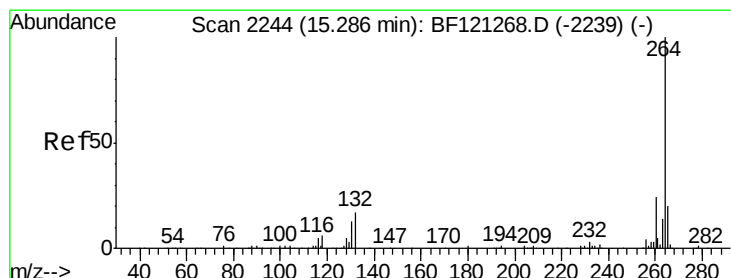
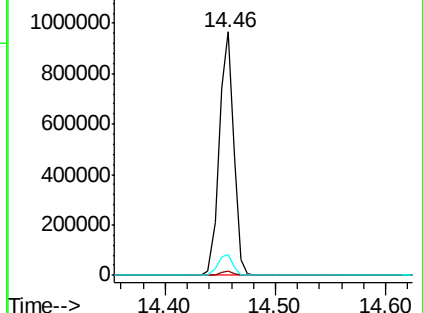
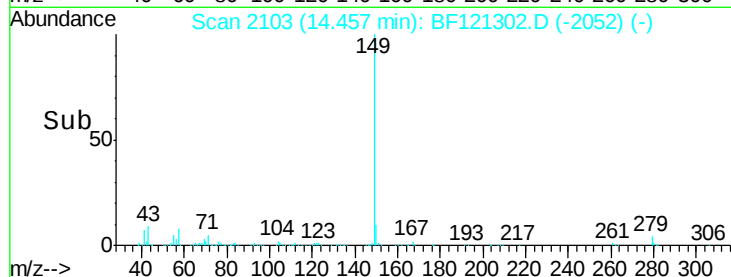
43 9.0 7.2 10.8



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: 15.27 min Scan# 2241

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

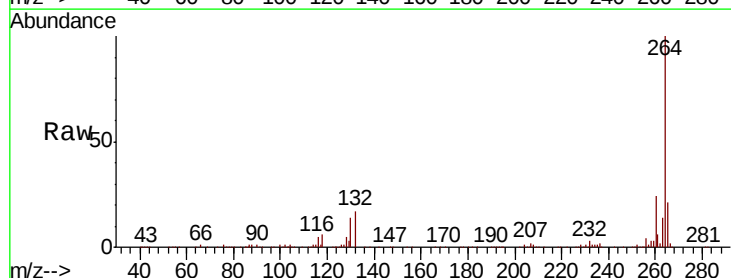
Tgt Ion:264 Resp: 321123

Ion Ratio Lower Upper

264 100

260 24.5 19.1 28.7

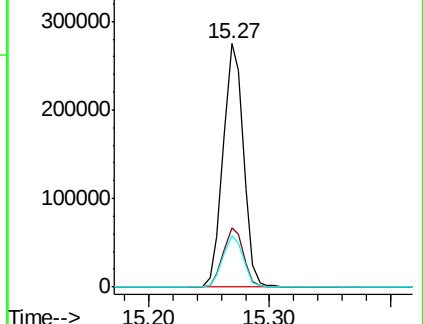
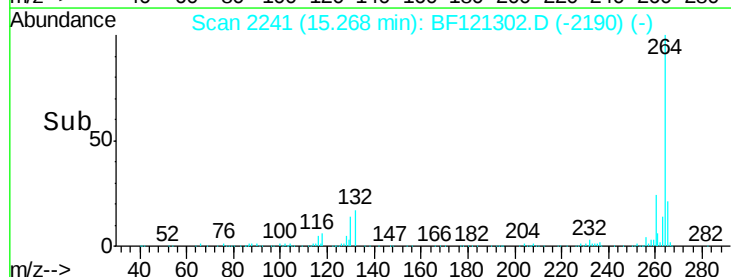
265 21.2 17.1 25.7

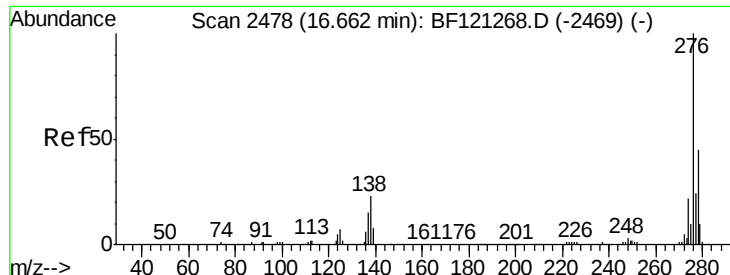


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

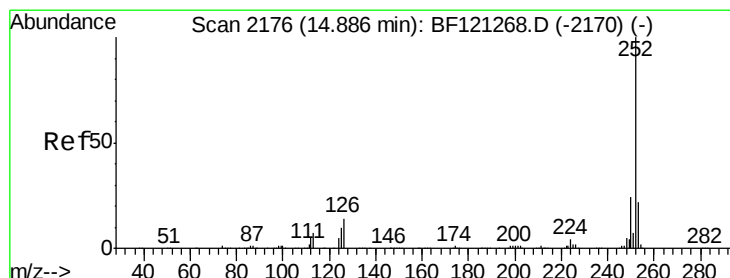
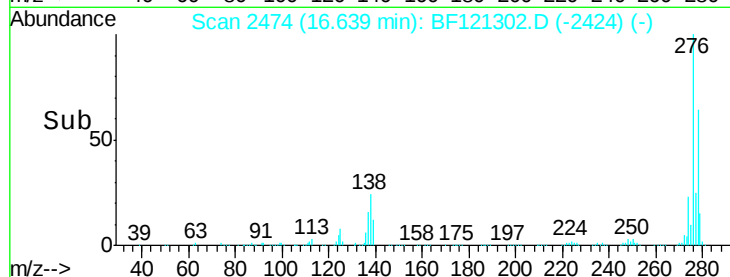
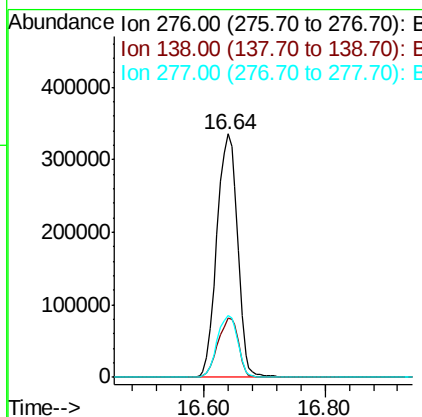
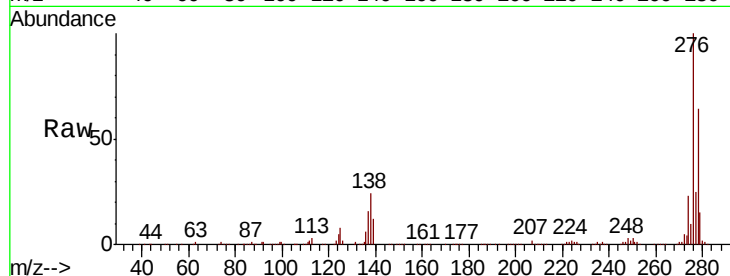




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 33.461 ng
 RT: 16.64 min Scan# 2474
 Delta R.T. -0.01 min
 Lab File: BF121302.D
 Acq: 17 Aug 2020 11:01

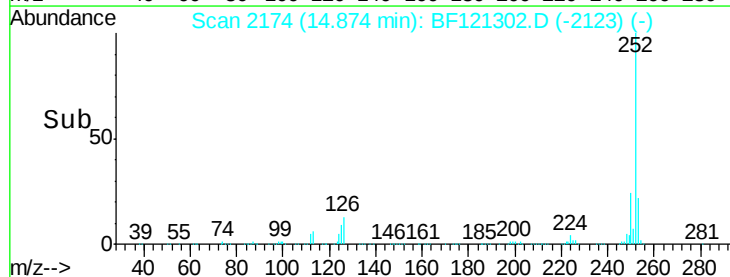
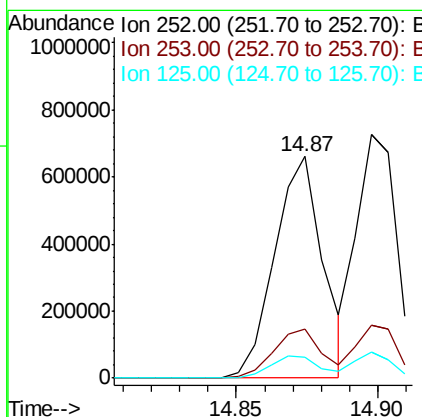
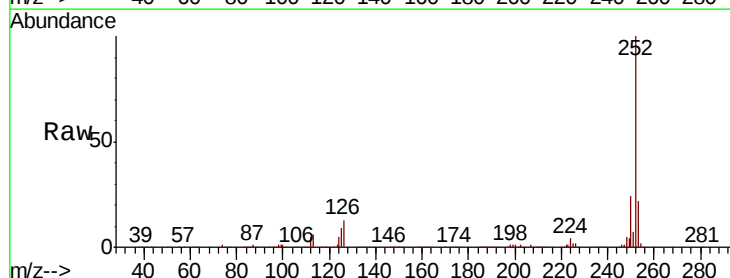
Instrument :
 BNA_F
 ClientSampleId :
 PB131001BS

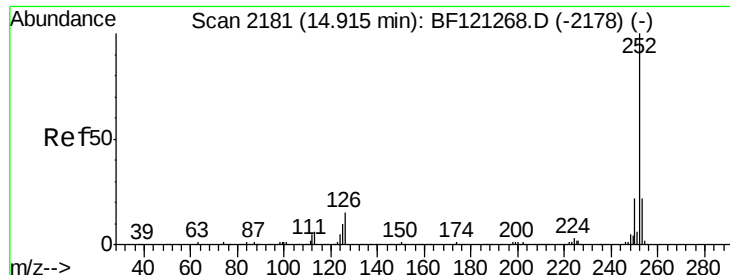
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.6	29.4
277	25.4	20.4	30.6



#88
 Benzo(b)fluoranthene
 Concen: 36.381 ng
 RT: 14.87 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: BF121302.D
 Acq: 17 Aug 2020 11:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	9.3	7.5	11.3

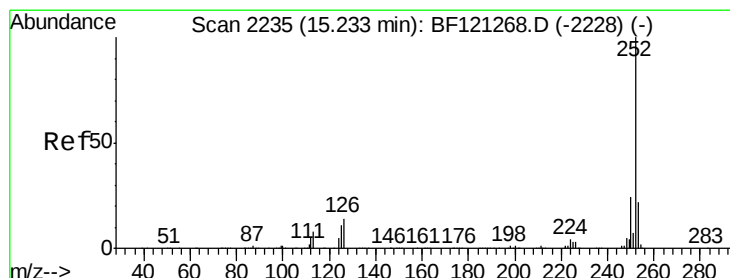
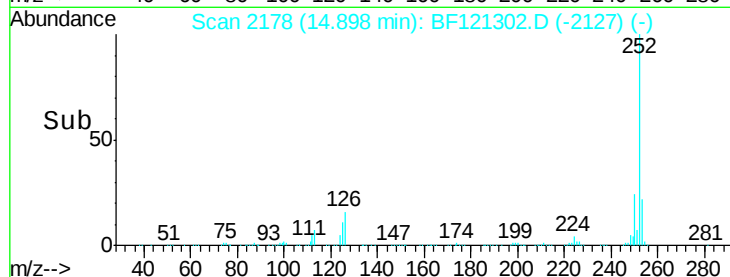
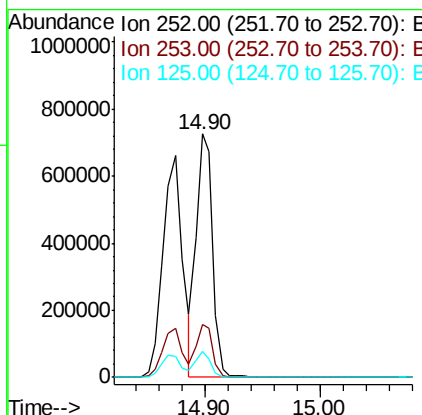
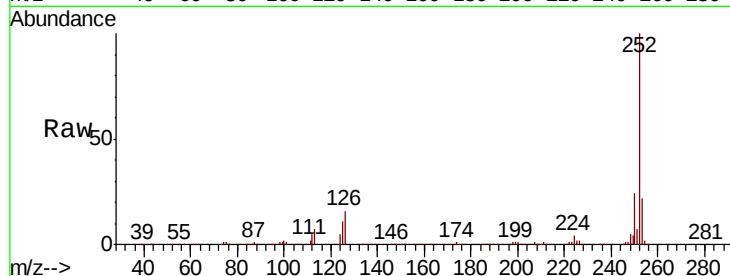




#89
Benzo(k)fluoranthene
Concen: 36.214 ng
RT: 14.90 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BF121302.D
Acq: 17 Aug 2020 11:01

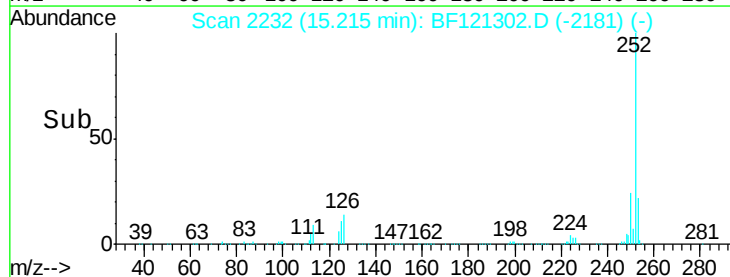
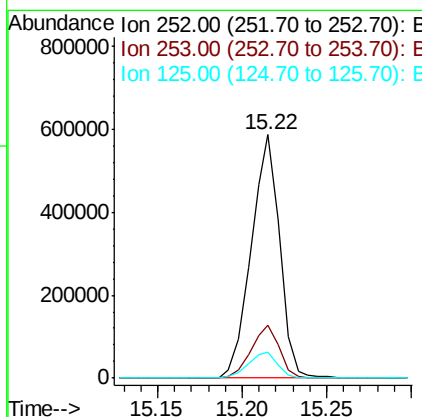
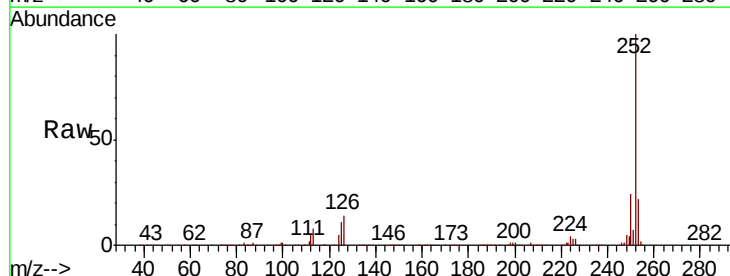
Instrument :
BNA_F
ClientSampleId :
PB131001BS

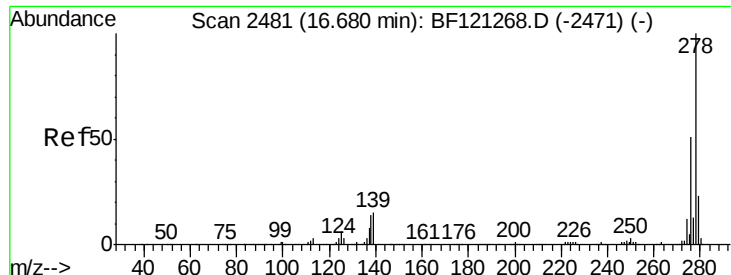
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	10.6	8.2	12.4



#90
Benzo(a)pyrene
Concen: 35.493 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF121302.D
Acq: 17 Aug 2020 11:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	10.9	8.7	13.1





#91

Dibenzo(a,h)anthracene

Concen: 32.660 ng

RT: 16.65 min Scan# 2476

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

Instrument :

BNA_F

ClientSampleId :

PB131001BS

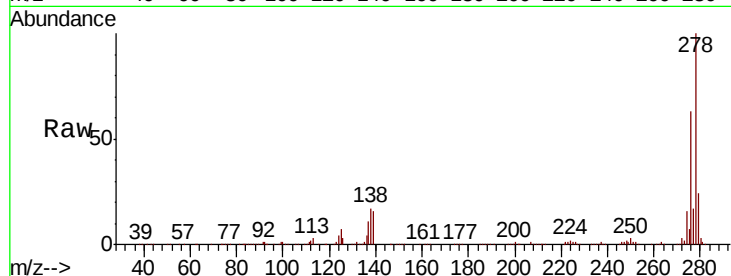
Tot Ion:278 Resp: 668142

Ion Ratio Lower Upper

278 100

139 15.8 13.1 19.7

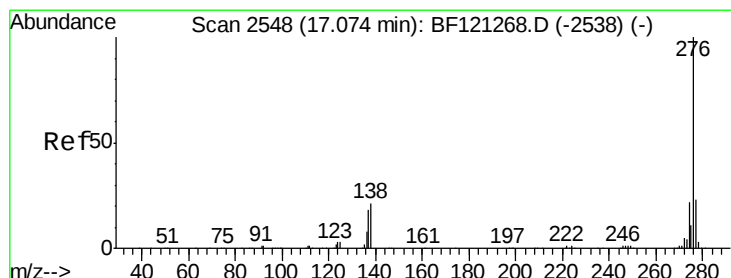
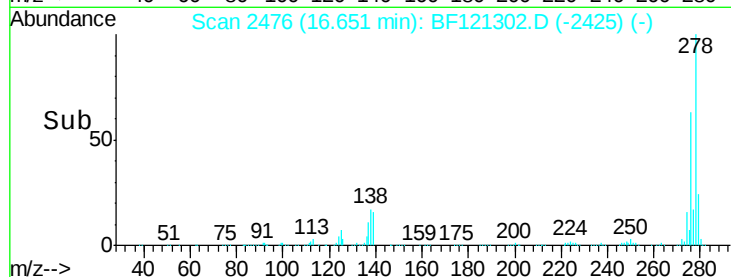
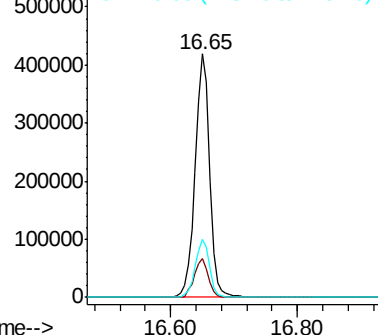
279 23.7 18.6 27.8



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: 33.293 ng

RT: 17.04 min Scan# 2543

Delta R.T. -0.01 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

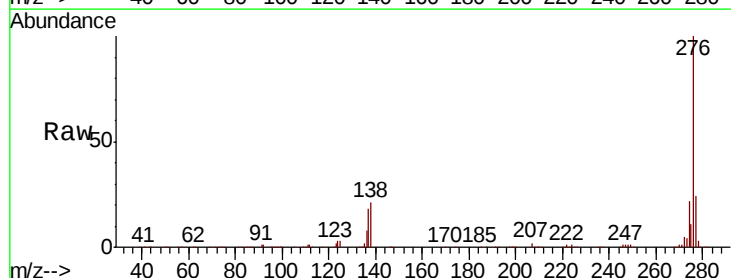
Tgt Ion:276 Resp: 672131

Ion Ratio Lower Upper

276 100

277 23.6 19.1 28.7

138 21.5 16.6 24.8



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

