

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
 Data File : BF121306.D
 Acq On : 17 Aug 2020 13:12
 Operator : JU/CG
 Sample : L3659-07MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

Quant Time: Aug 17 13:42:48 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	38456	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	152970	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	80130	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	165466	20.00	ng	0.00
76) Chrysene-d12	13.86	240	161367	20.00	ng	0.00
86) Perylene-d12	15.27	264	172796	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	224344	88.44	ng	0.00
7) Phenol-d6	6.34	99	269781	82.53	ng	0.00
23) Nitrobenzene-d5	7.27	82	172780	61.73	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	87629	88.82	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	354903	61.27	ng	0.00
79) Terphenyl-d14	12.80	244	444632	53.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.23	88	37030	34.304	ng	97
3) Pyridine	2.96	79	75966	27.034	ng	99
4) n-Nitrosodimethylamine	2.88	42	42918	37.293	ng	93
6) Aniline	6.36	93	56254	14.518	ng	# 75
8) 2-Chlorophenol	6.49	128	100100	35.888	ng	97
9) Benzaldehyde	6.25	77	59396	35.261	ng	92
10) Phenol	6.36	94	129654	36.565	ng	78
11) bis(2-Chloroethyl)ether	6.44	93	92957	36.319	ng	97
12) 1,3-Dichlorobenzene	6.64	146	103299	35.050	ng	97
13) 1,4-Dichlorobenzene	6.72	146	104342	35.028	ng	99
14) 1,2-Dichlorobenzene	6.87	146	99929	35.544	ng	98
15) Benzyl Alcohol	6.85	79	78119	35.677	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	131642	35.718	ng	99
17) 2-Methylphenol	6.97	107	80820	36.682	ng	98
18) Hexachloroethane	7.22	117	36576	34.722	ng	92
19) n-Nitroso-di-n-propylamine	7.12	70	65431	36.027	ng	98
20) 3+4-Methylphenols	7.12	107	103955	37.189	ng	# 63
22) Acetophenone	7.12	105	137836	34.984	ng	96
24) Nitrobenzene	7.29	77	100788	33.186	ng	99
25) Isophorone	7.53	82	184143	32.768	ng	98
26) 2-Nitrophenol	7.60	139	50236	34.139	ng	95
27) 2,4-Dimethylphenol	7.65	122	87158	36.967	ng	98
28) bis(2-Chloroethoxy)methane	7.74	93	116707	37.130	ng	99
29) 2,4-Dichlorophenol	7.85	162	81208	33.682	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	88383	33.214	ng	98
31) Naphthalene	8.01	128	288385	33.509	ng	100
32) Benzoic acid	7.75	122	39812	33.279	ng	98
33) 4-Chloroaniline	8.06	127	48083	13.691	ng	99
34) Hexachlorobutadiene	8.13	225	51596	32.046	ng	99
35) Caprolactam	8.41	113	25960	35.747	ng	94
36) 4-Chloro-3-methylphenol	8.55	107	85046	34.574	ng	96
37) 2-Methylnaphthalene	8.70	142	195155	34.460	ng	99
38) 1-Methylnaphthalene	8.80	142	181730	33.891	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	91159	33.952	ng	99

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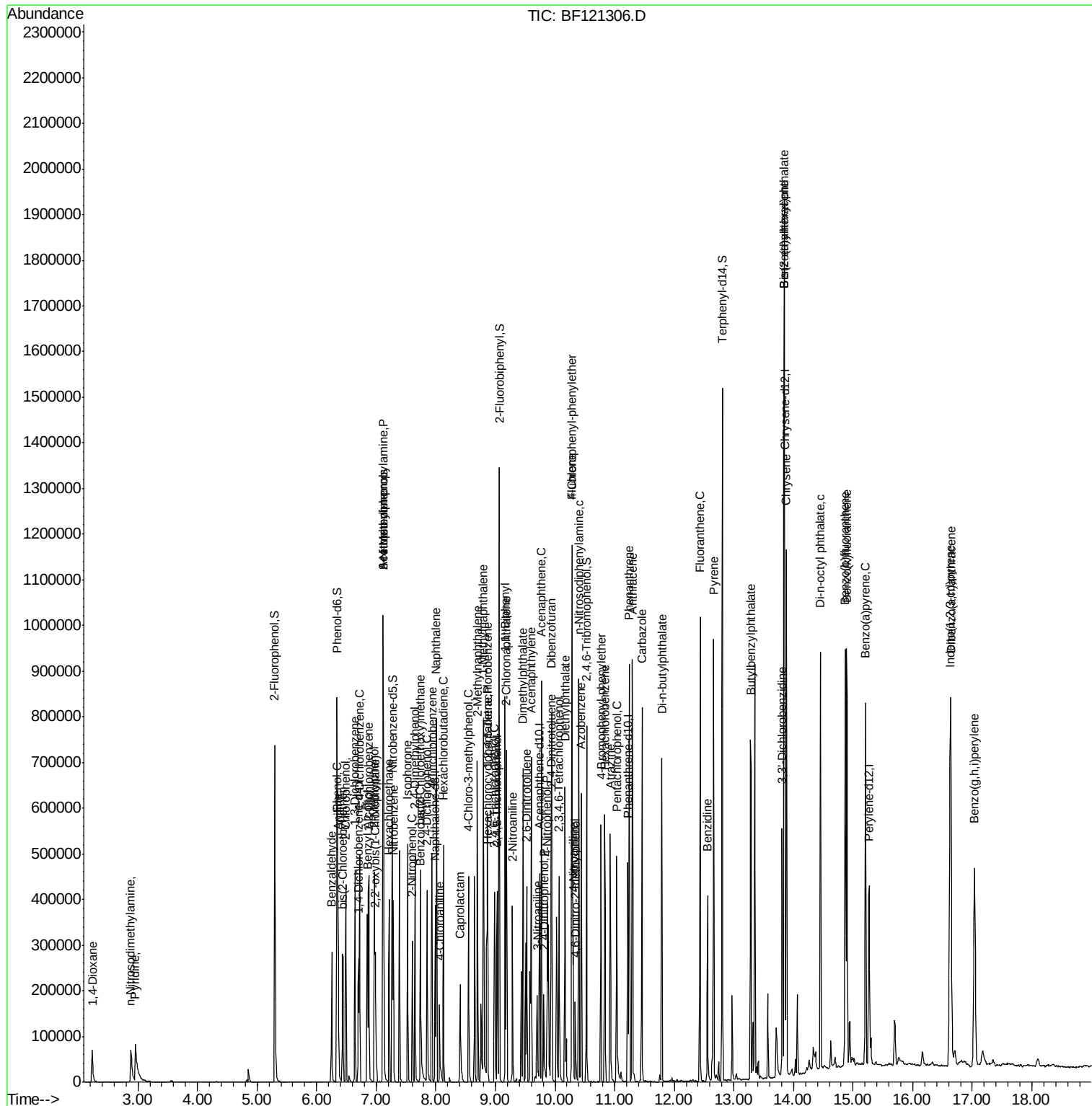
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	40718	48.441	ng	99
43) 2,4,6-Trichlorophenol	8.99	196	59320	34.740	ng	99
44) 2,4,5-Trichlorophenol	9.03	196	63993	34.504	ng	96
46) 1,1'-Biphenyl	9.16	154	239705	34.621	ng	98
47) 2-Chloronaphthalene	9.19	162	180493	33.865	ng	98
48) 2-Nitroaniline	9.29	65	53486	35.703	ng	93
49) Acenaphthylene	9.60	152	297633	35.160	ng	99
50) Dimethylphthalate	9.46	163	254250	42.167	ng	100
51) 2,6-Dinitrotoluene	9.53	165	45126	33.574	ng	99
52) Acenaphthene	9.77	154	168975	33.715	ng	98
53) 3-Nitroaniline	9.70	138	29539	19.248	ng	97
54) 2,4-Dinitrophenol	9.81	184	28735	49.976	ng	# 87
55) Dibenzofuran	9.95	168	269854	33.810	ng	100
56) 4-Nitrophenol	9.87	139	75348	76.079	ng	92
57) 2,4-Dinitrotoluene	9.93	165	62334	35.338	ng	97
58) Fluorene	10.29	166	207792	34.393	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.07	232	55382	37.767	ng	98
60) Diethylphthalate	10.16	149	214962	35.058	ng	99
61) 4-Chlorophenyl-phenylether	10.28	204	104852	35.683	ng	97
62) 4-Nitroaniline	10.30	138	49017	31.857	ng	99
63) Azobenzene	10.44	77	208035	33.957	ng	96
65) 4,6-Dinitro-2-methylphenol	10.35	198	24127	26.560	ng	87
66) n-Nitrosodiphenylamine	10.40	169	188213	33.173	ng	99
67) 4-Bromophenyl-phenylether	10.77	248	64291	33.310	ng	95
68) Hexachlorobenzene	10.83	284	73278	33.294	ng	96
69) Atrazine	10.93	200	52950	31.201	ng	99
70) Pentachlorophenol	11.03	266	68969	71.139	ng	98
71) Phenanthrene	11.25	178	321310	33.943	ng	100
72) Anthracene	11.30	178	327615	34.488	ng	100
73) Carbazole	11.46	167	313554	33.751	ng	98
74) Di-n-butylphthalate	11.79	149	374846	35.746	ng	99
75) Fluoranthene	12.43	202	383075	36.343	ng	98
77) Benzidine	12.56	184	144164	33.984	ng	99
78) Pyrene	12.66	202	396023	32.956	ng	99
80) Butylbenzylphthalate	13.28	149	174138	35.477	ng	93
81) Benzo(a)anthracene	13.84	228	372481	34.033	ng	99
82) 3,3'-Dichlorobenzidine	13.81	252	105944	24.398	ng	99
83) Chrysene	13.88	228	377253	33.760	ng	98
84) Bis(2-ethylhexyl)phthalate	13.84	149	242067	35.780	ng	99
85) Di-n-octyl phthalate	14.45	149	457881	36.913	ng	99
87) Indeno(1,2,3-cd)pyrene	16.63	276	427501	33.276	ng	99
88) Benzo(b)fluoranthene	14.87	252	392381	33.890	ng	99
89) Benzo(k)fluoranthene	14.89	252	379119	35.262	ng	99
90) Benzo(a)pyrene	15.21	252	349324	33.428	ng	100
91) Dibenzo(a,h)anthracene	16.64	278	361522	32.841	ng	98
92) Benzo(g,h,i)perylene	17.04	276	350093	32.227	ng	99

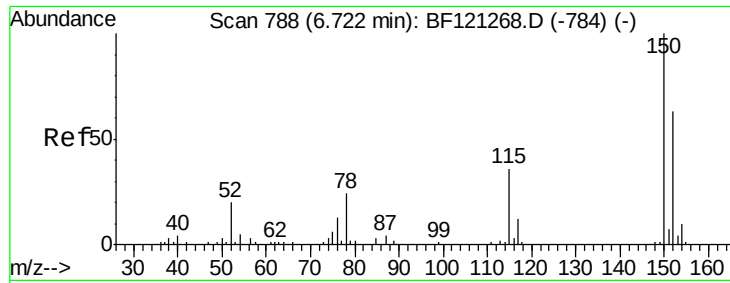
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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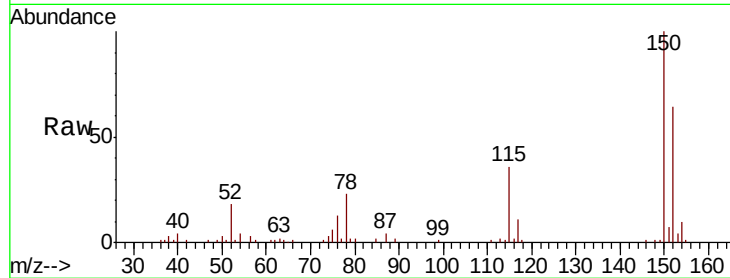


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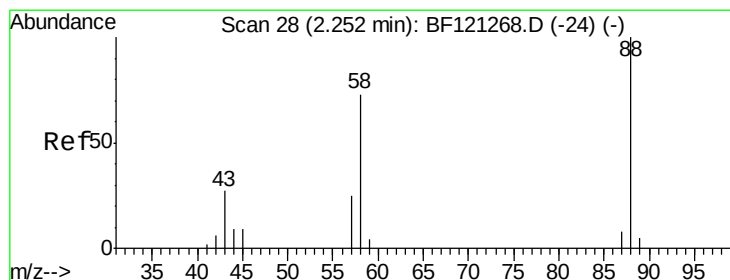
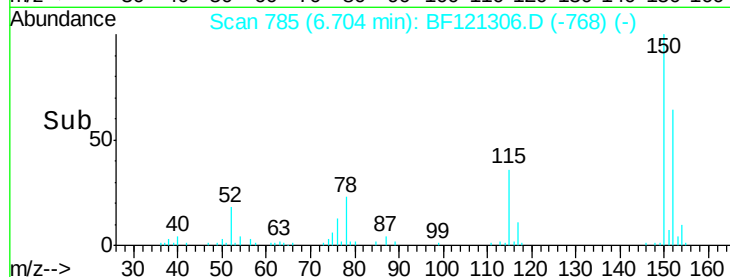
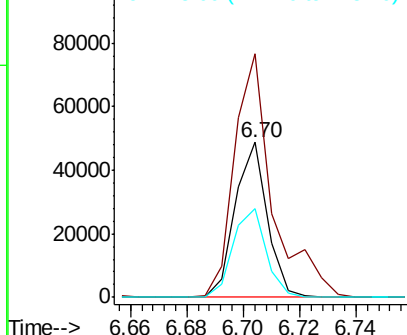
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF121306.D
Acq: 17 Aug 2020 13:12

Instrument :
BNA_F
ClientSampleId :
SP1-3MS

Tot Ion:152 Resp: 38456
Ion Ratio Lower Upper
152 100
150 157.1 123.9 185.9
115 57.2 47.3 70.9



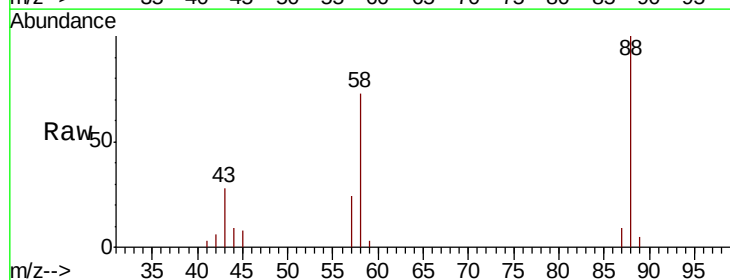
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



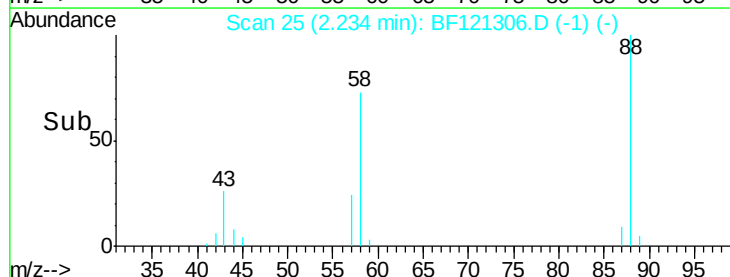
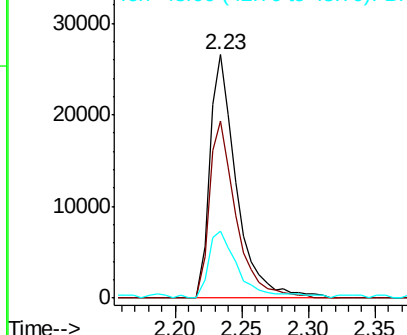
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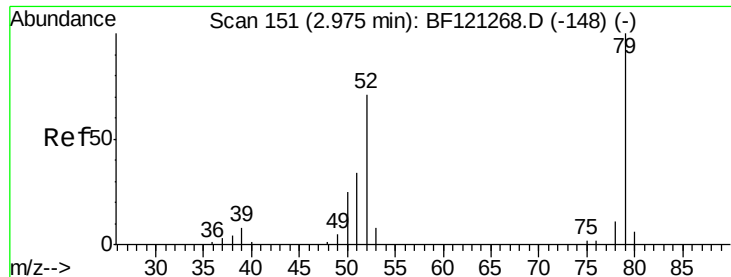
1,4-Dioxane
Concen: 34.304 ng
RT: 2.23 min Scan# 25
Delta R.T. -0.04 min
Lab File: BF121306.D
Acq: 17 Aug 2020 13:12

Tgt Ion: 88 Resp: 37030
Ion Ratio Lower Upper
88 100
58 73.0 57.8 86.8
43 31.5 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

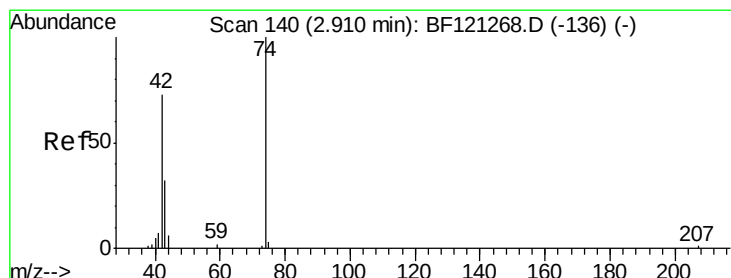
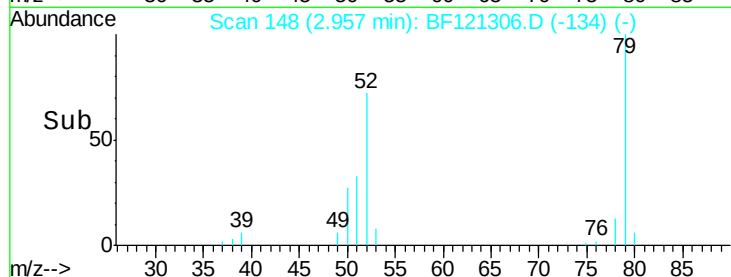
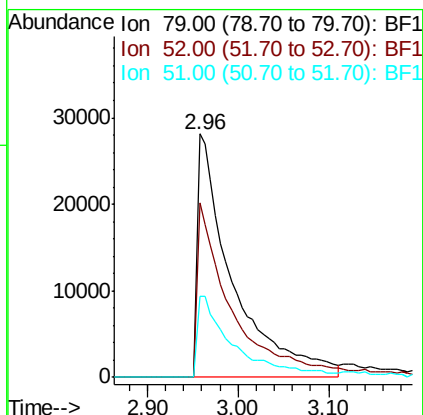
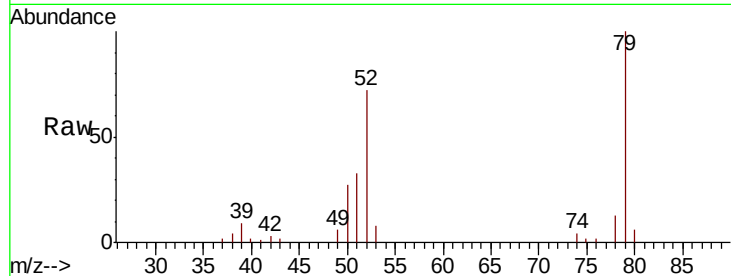




#3
 Pvridine
 Concen: 27.034 ng
 RT: 2.96 min Scan# 148
 Delta R.T. -0.02 min
 Lab File: BF121306.D
 Acq: 17 Aug 2020 13:12

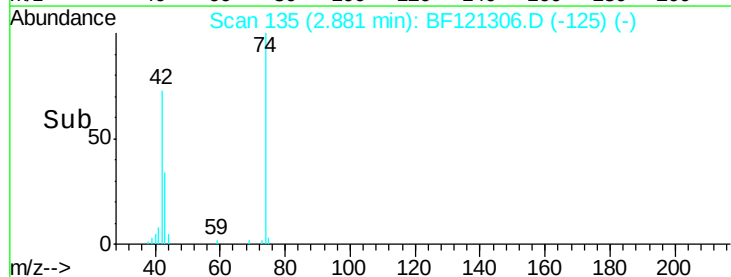
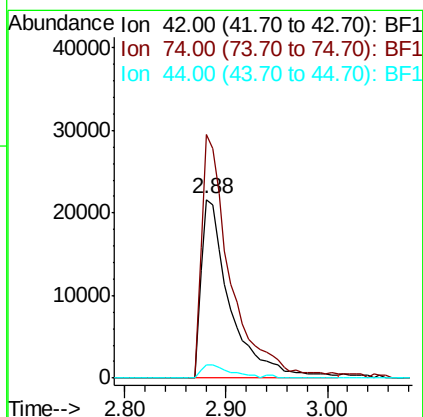
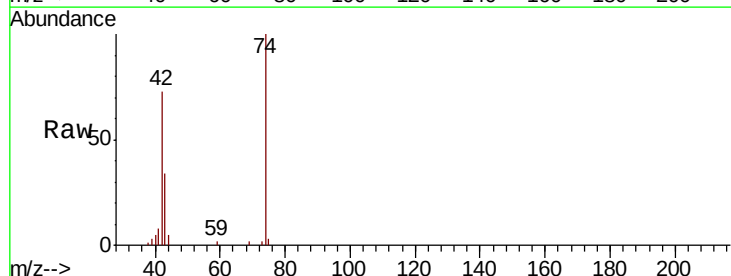
Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

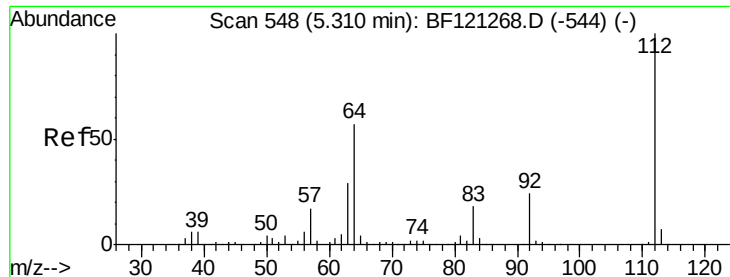
Tot Ion: 79 Resp: 75966
 Ion Ratio Lower Upper
 79 100
 52 71.7 56.9 85.3
 51 33.0 26.3 39.5



#4
 n-Nitrosodimethylamine
 Concen: 37.293 ng
 RT: 2.88 min Scan# 135
 Delta R.T. -0.04 min
 Lab File: BF121306.D
 Acq: 17 Aug 2020 13:12

Tgt Ion: 42 Resp: 42918
 Ion Ratio Lower Upper
 42 100
 74 136.3 115.8 173.8
 44 7.1 5.7 8.5





#5

2-Fluorophenol

Concen: 88.444 ng

RT: 5.30 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF121306.D

Acq: 17 Aug 2020 13:12

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

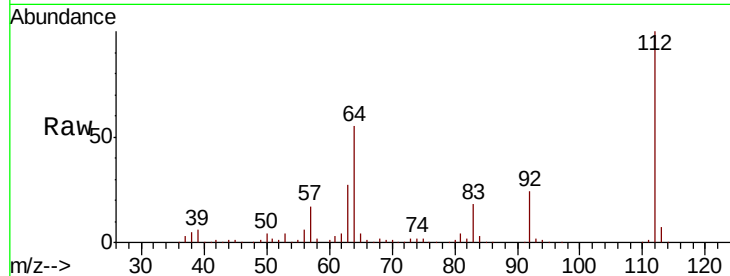
Tot Ion:112 Resp: 224344

Ion Ratio Lower Upper

112 100

64 54.7 42.9 64.3

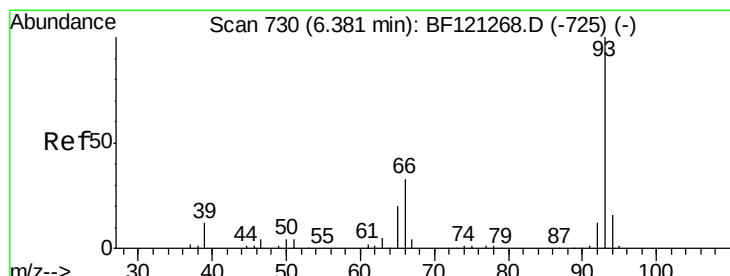
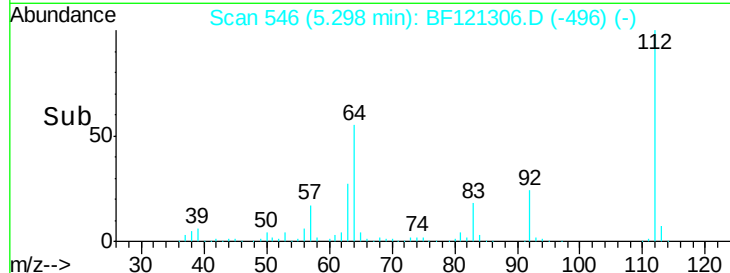
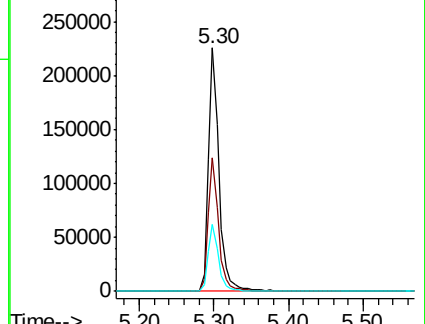
63 27.3 22.2 33.2



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: 14.518 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF121306.D

Acq: 17 Aug 2020 13:12

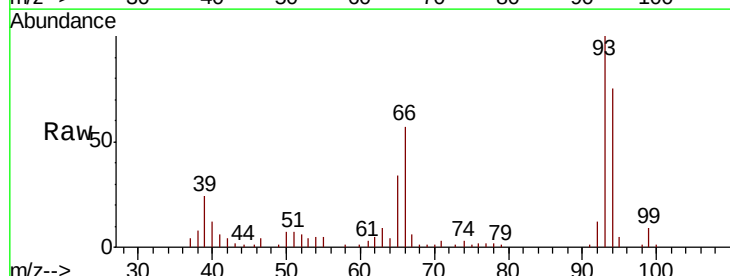
Tgt Ion: 93 Resp: 56254

Ion Ratio Lower Upper

93 100

66 57.1 32.2 48.4#

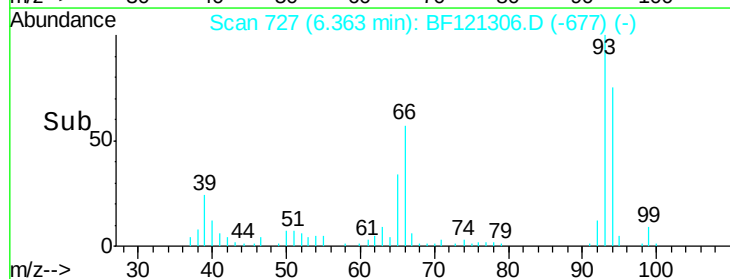
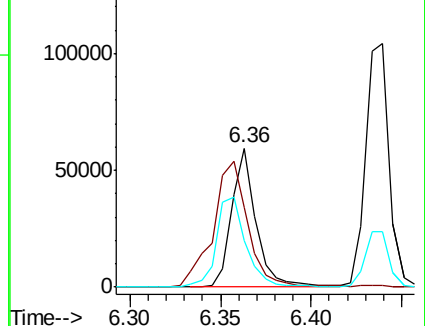
65 33.6 18.2 27.4#

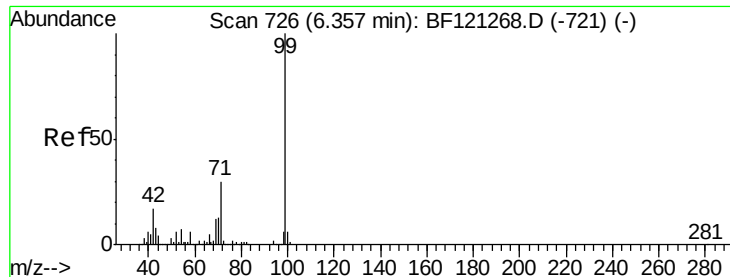


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.534 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF121306.D

Acq: 17 Aug 2020 13:12

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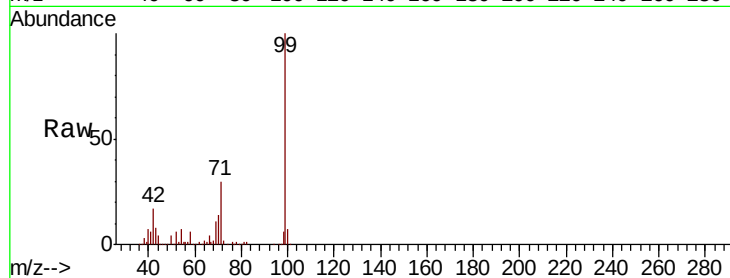
Tot Ion: 99 Resp: 269781

Ion Ratio Lower Upper

99 100

42 17.1 13.8 20.8

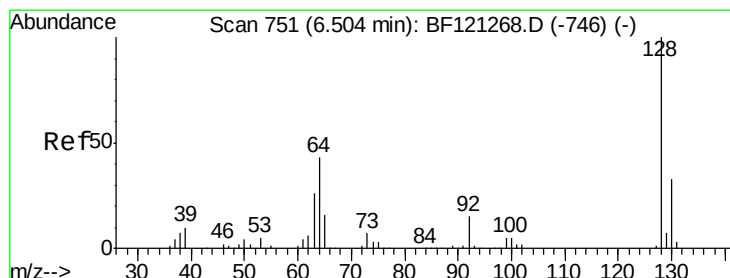
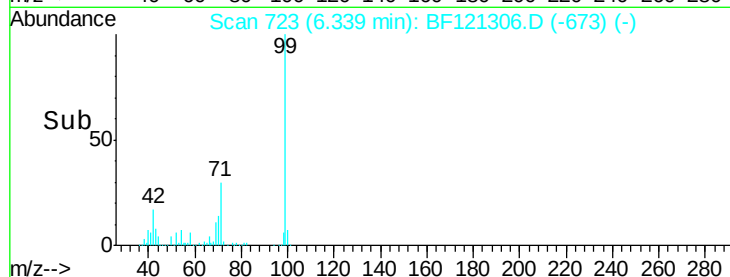
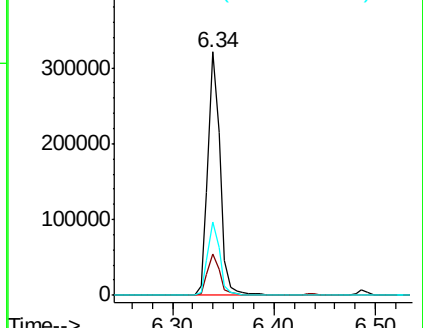
71 30.2 24.8 37.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 35.888 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF121306.D

Acq: 17 Aug 2020 13:12

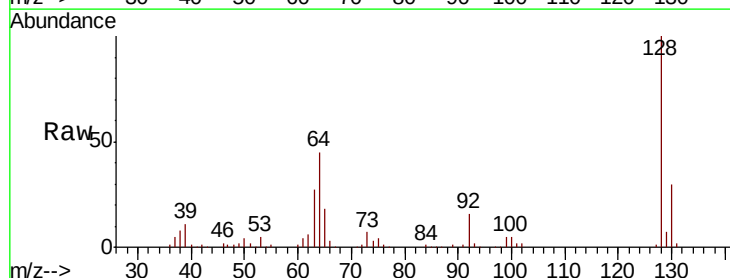
Tgt Ion: 128 Resp: 100100

Ion Ratio Lower Upper

128 100

130 30.4 11.9 51.9

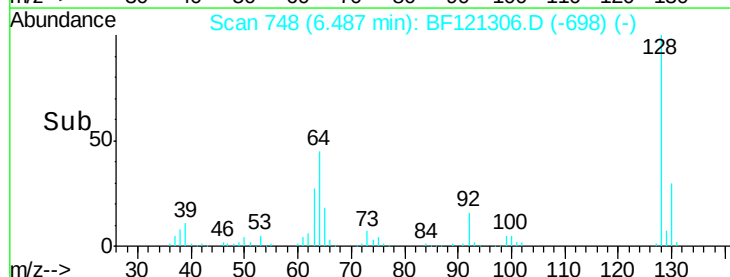
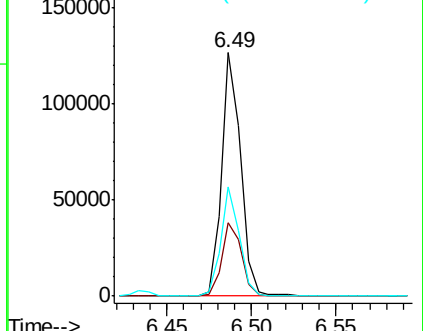
64 44.7 22.5 62.5

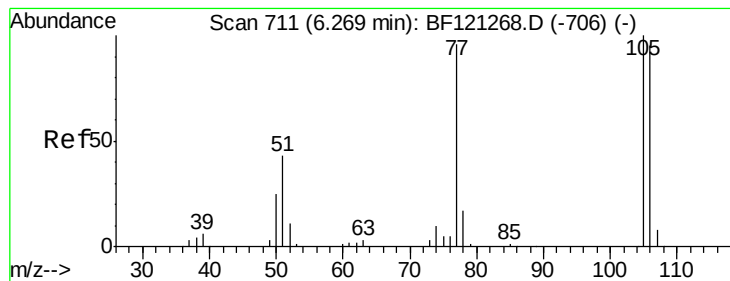


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.261 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

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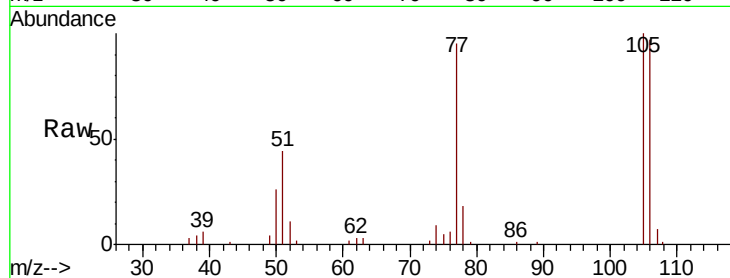
Tot Ion: 77 Resp: 59396

Ion Ratio Lower Upper

77 100

105 105.3 77.6 117.6

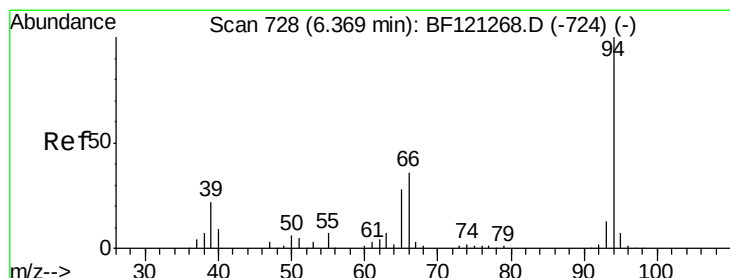
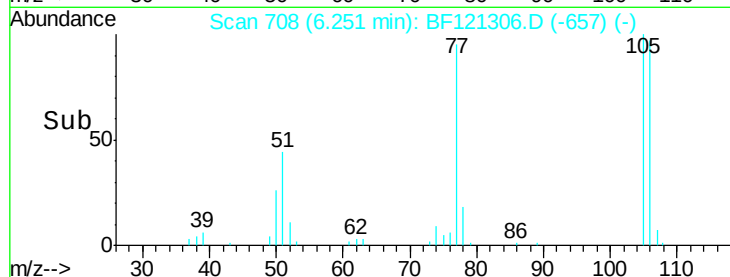
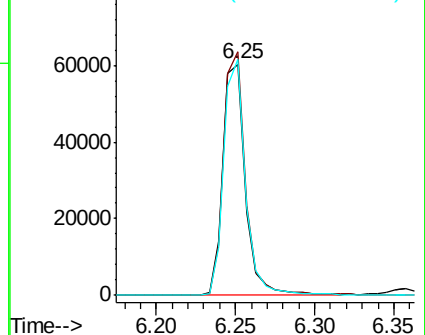
106 102.0 74.9 114.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.565 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF121306.D

Acq: 17 Aug 2020 13:12

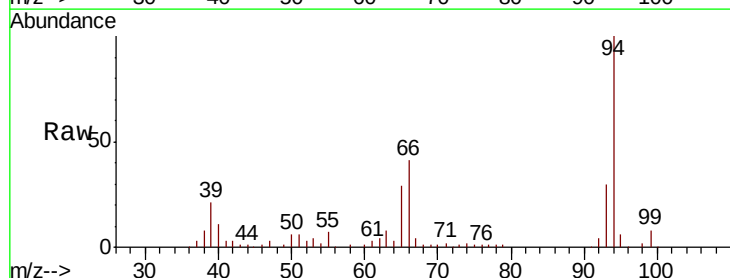
Tgt Ion: 94 Resp: 129654

Ion Ratio Lower Upper

94 100

65 29.0 19.2 59.2

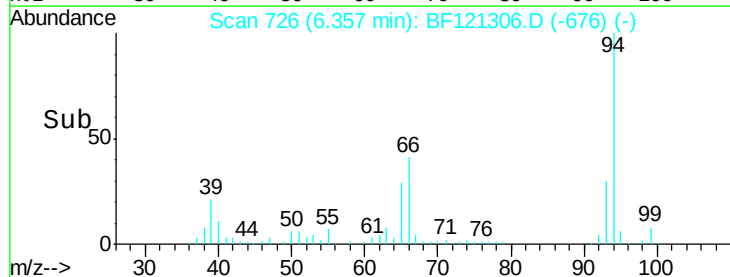
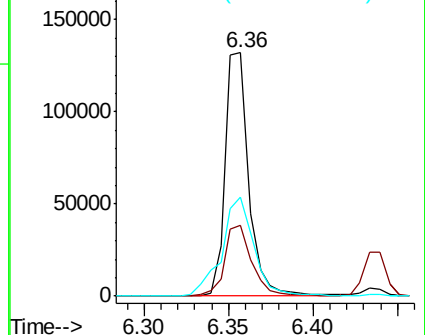
66 40.6 39.6 79.6

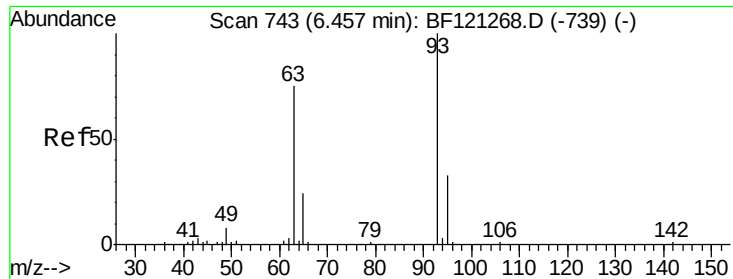


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

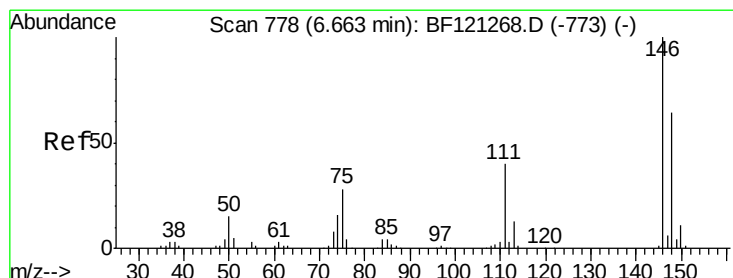
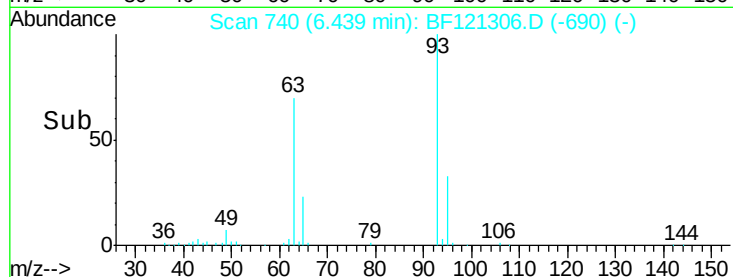
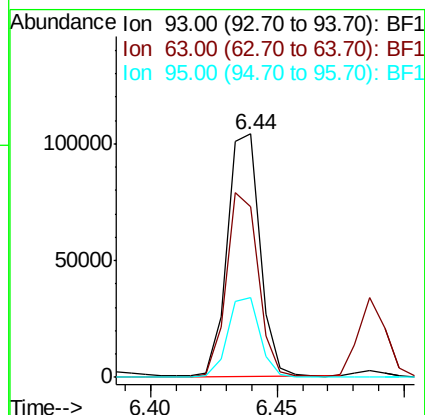
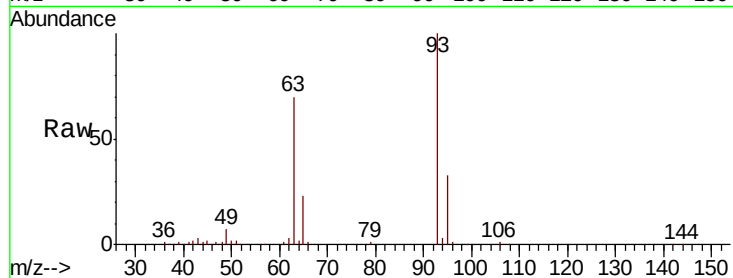




#11
bis(2-Chloroethyl)ether
Concen: 36.319 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF121306.D
Acq: 17 Aug 2020 13:12

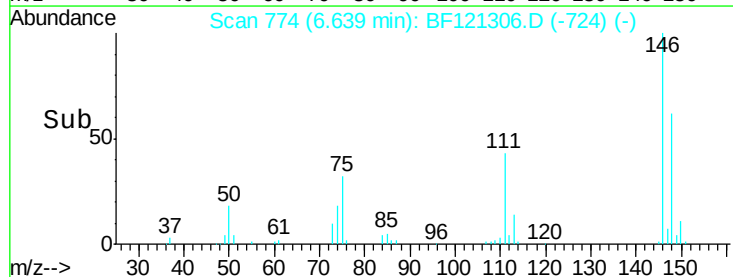
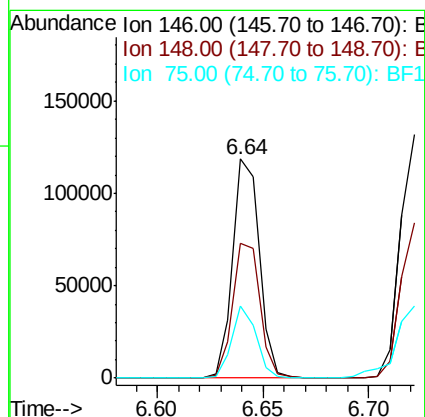
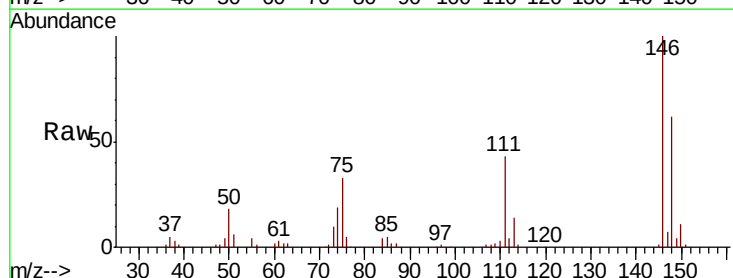
Instrument :
BNA_F
ClientSampleId :
SP1-3MS

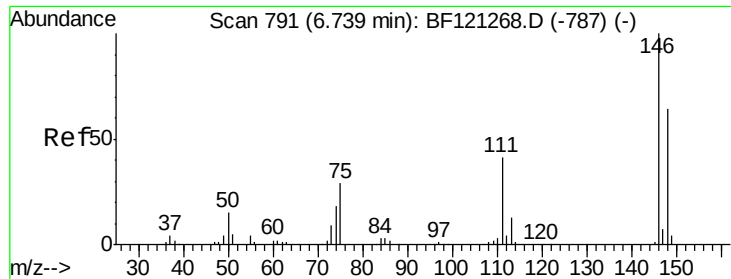
Tot Ion	Ratio	Lower	Upper
93	100		
63	70.0	53.9	93.9
95	32.9	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 35.050 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF121306.D
Acq: 17 Aug 2020 13:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	50.8	76.2
75	32.7	24.1	36.1

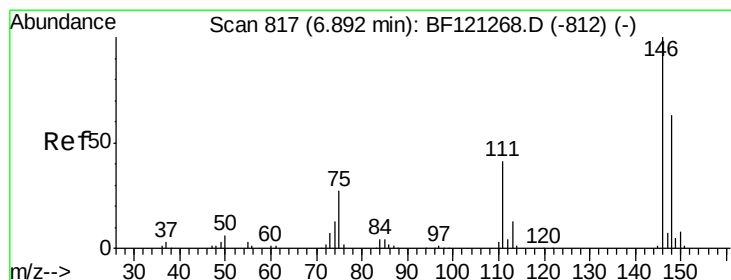
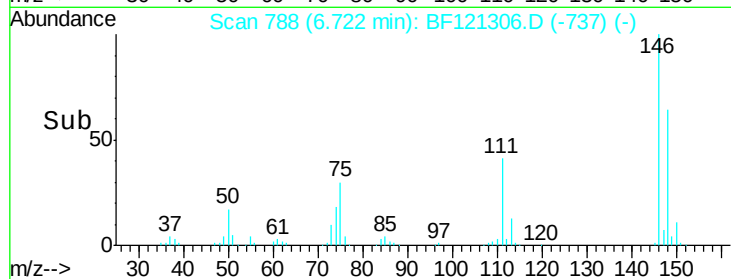
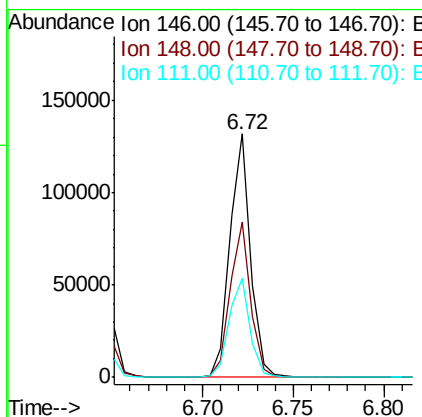
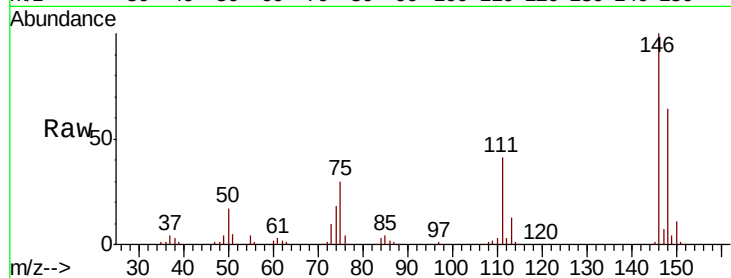




#13
 1,4-Dichlorobenzene
 Concen: 35.028 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF121306.D
 Acq: 17 Aug 2020 13:12

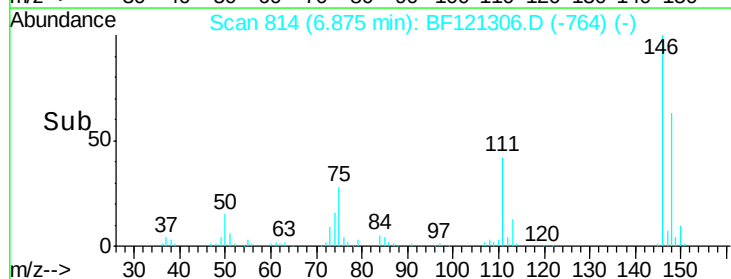
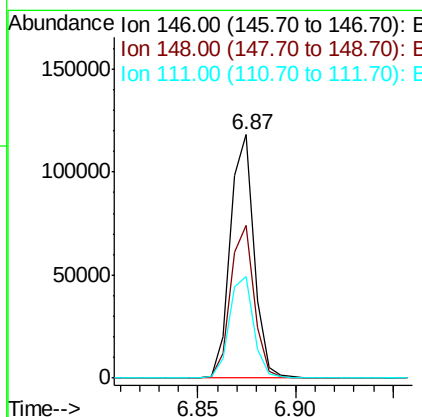
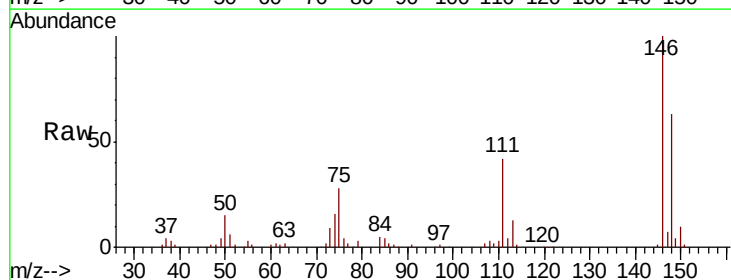
Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

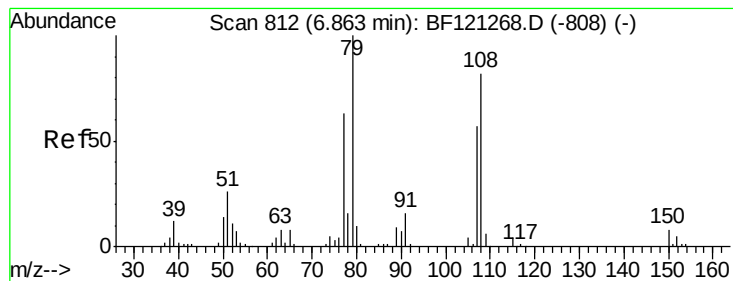
Tot Ion:146 Resp: 104342
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.6 75.8
 111 40.8 33.0 49.6



#14
 1,2-Dichlorobenzene
 Concen: 35.544 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF121306.D
 Acq: 17 Aug 2020 13:12

Tgt Ion:146 Resp: 99929
 Ion Ratio Lower Upper
 146 100
 148 62.6 51.4 77.0
 111 41.7 32.3 48.5





#15

Benzyl Alcohol

Concen: 35.677 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF121306.D

Acq: 17 Aug 2020 13:12

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

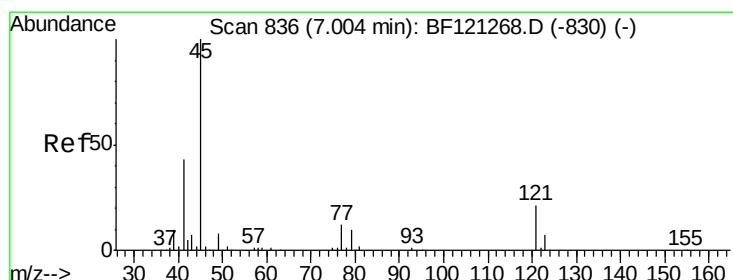
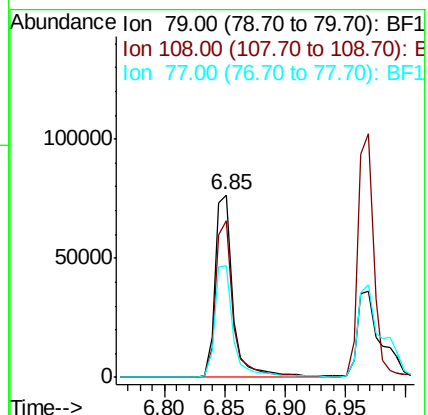
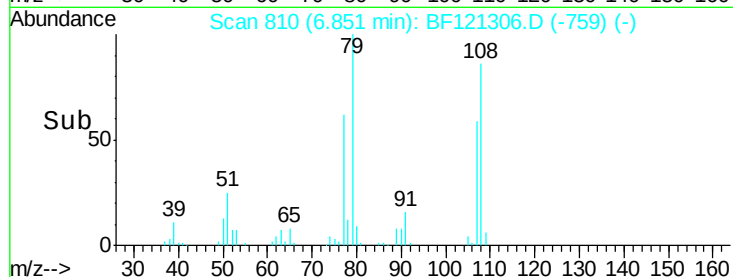
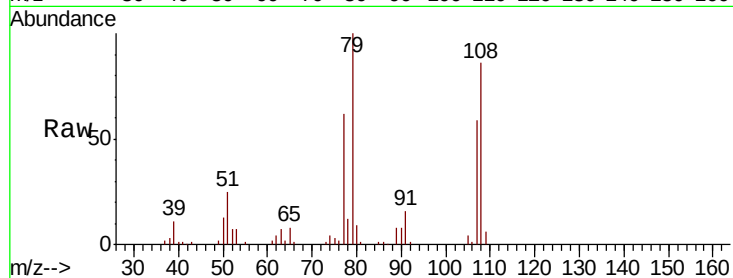
Tot Ion: 79 Resp: 78119

Ion Ratio Lower Upper

79 100

108 86.1 66.3 99.5

77 61.6 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.718 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF121306.D

Acq: 17 Aug 2020 13:12

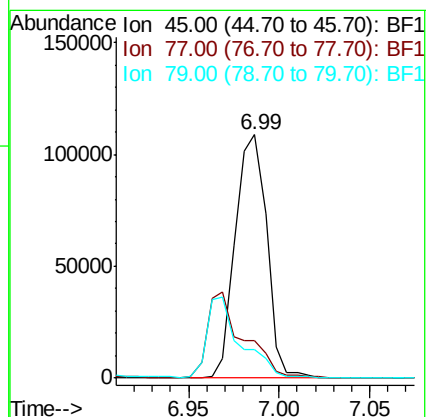
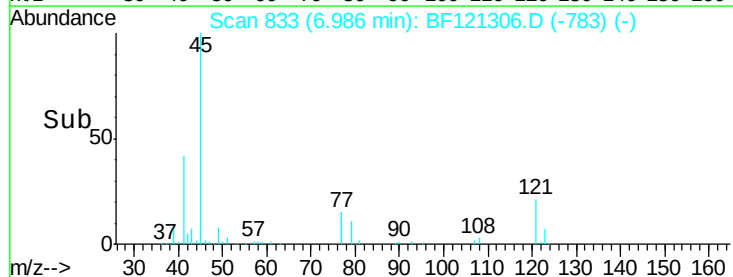
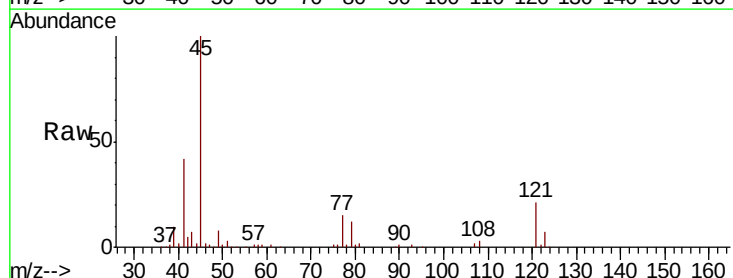
Tgt Ion: 45 Resp: 131642

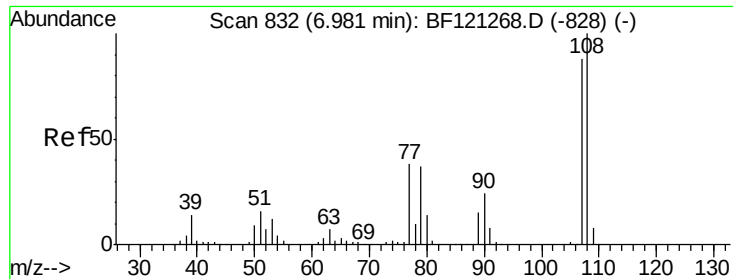
Ion Ratio Lower Upper

45 100

77 15.3 0.0 34.4

79 11.7 0.0 31.5

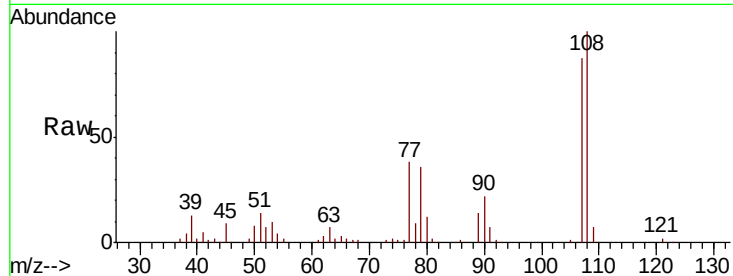




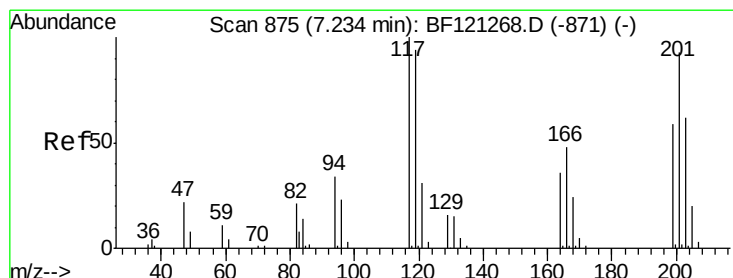
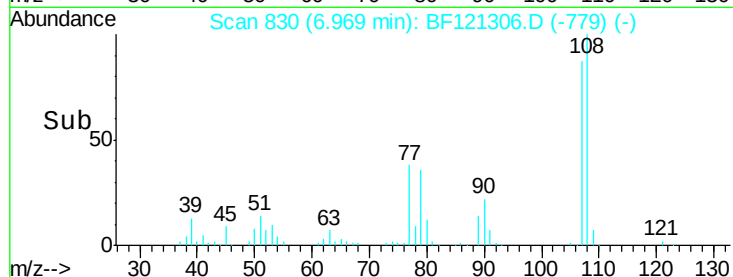
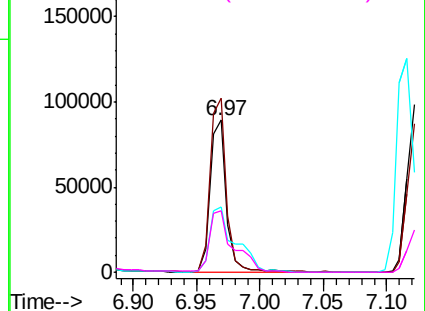
#17
2-Methylphenol
Concen: 36.682 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF121306.D
Acq: 17 Aug 2020 13:12

Instrument :
BNA_F
ClientSampleId :
SP1-3MS

Tot Ion:107 Resp: 80820
Ion Ratio Lower Upper
107 100
108 114.7 93.4 140.0
77 43.4 35.7 53.5
79 40.8 34.1 51.1

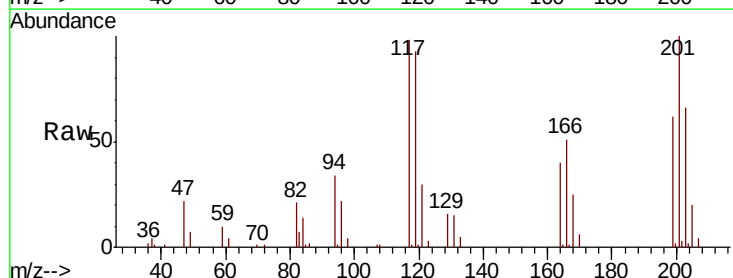


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

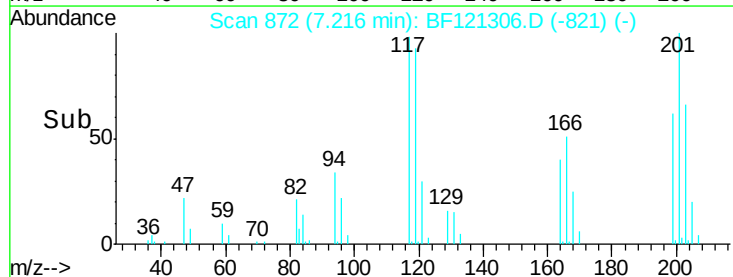
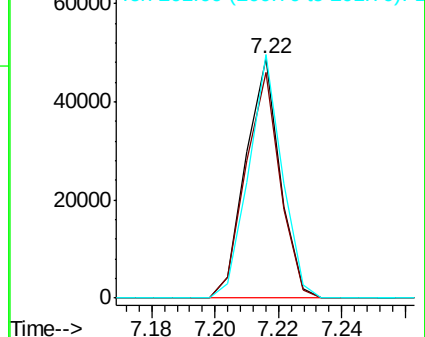


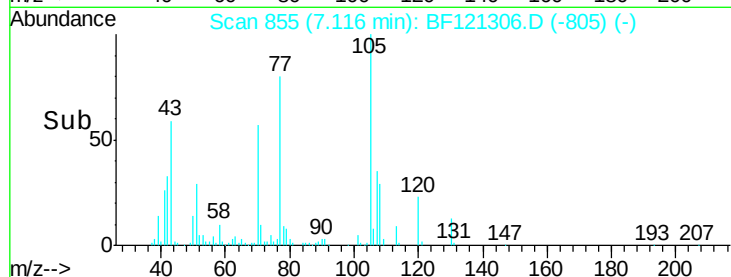
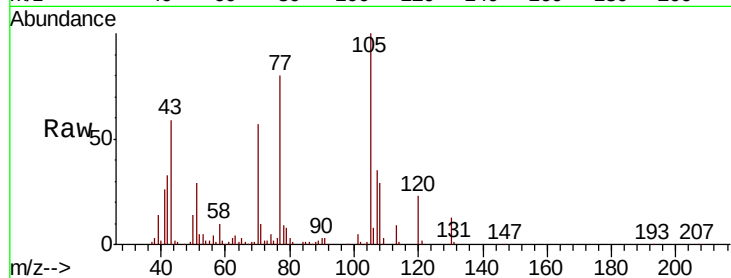
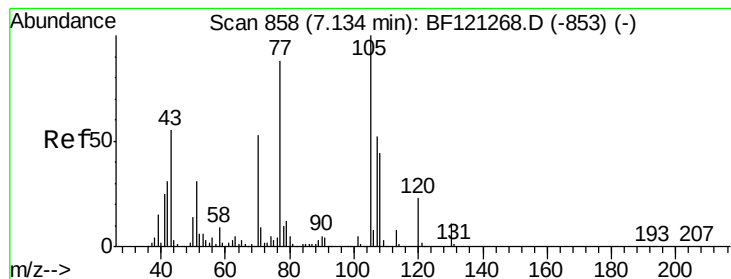
#18
Hexachloroethane
Concen: 34.722 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF121306.D
Acq: 17 Aug 2020 13:12

Tgt Ion:117 Resp: 36576
Ion Ratio Lower Upper
117 100
119 94.5 74.6 112.0
201 101.8 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: 36.027 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF121306.D

Acq: 17 Aug 2020 13:12

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

Tot Ion: 70 Resp: 65431

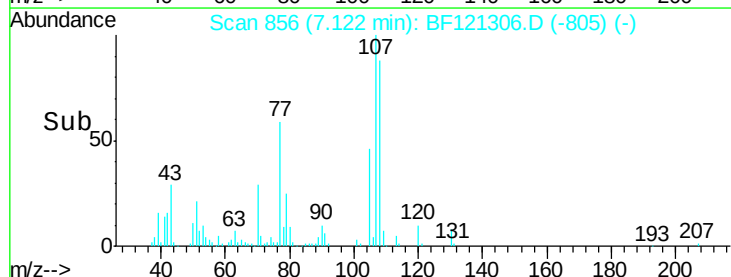
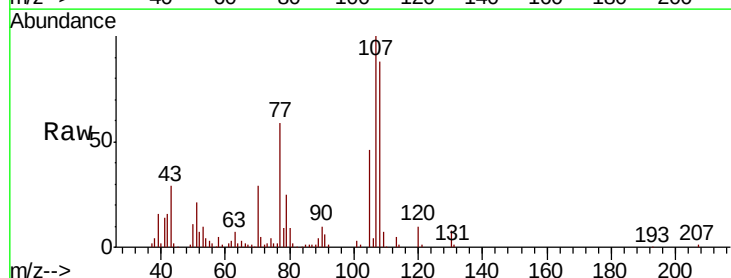
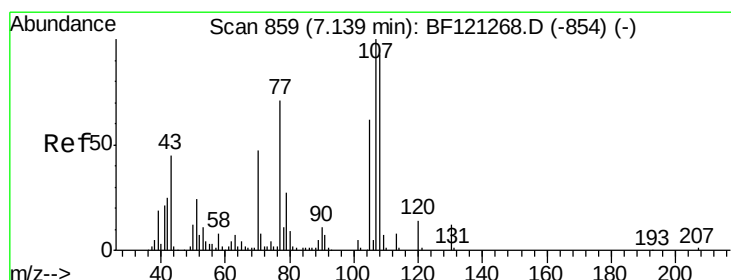
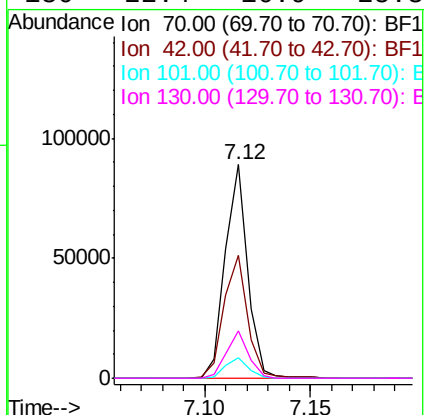
Ion Ratio Lower Upper

70 100

42 57.3 47.0 70.6

101 9.3 7.6 11.4

130 22.4 16.9 25.3



#20

3+4-Methylphenols

Concen: 37.189 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF121306.D

Acq: 17 Aug 2020 13:12

Tgt Ion:107 Resp: 103955

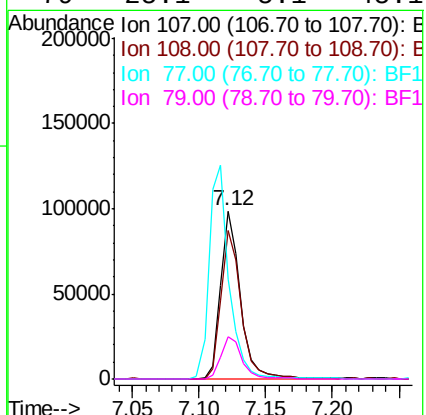
Ion Ratio Lower Upper

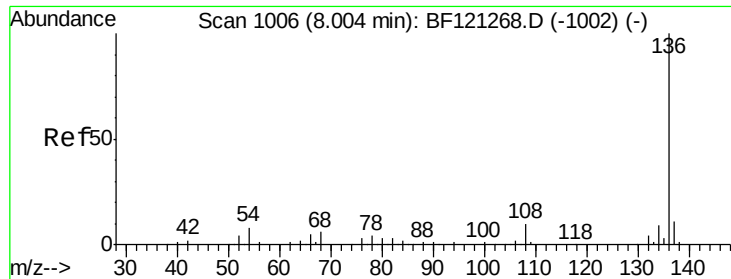
107 100

108 88.2 66.3 106.3

77 59.5 119.8 159.8#

79 25.1 5.1 45.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF121306.D

Acq: 17 Aug 2020 13:12

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

Tot Ion:136 Resp: 152970

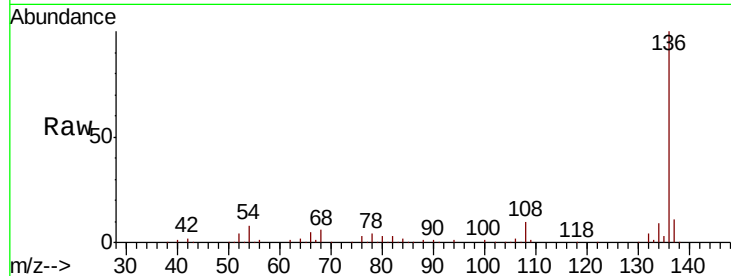
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 7.7 5.4 8.2

68 5.8 4.6 6.8

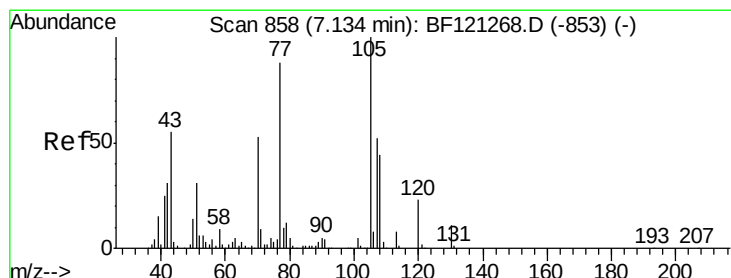
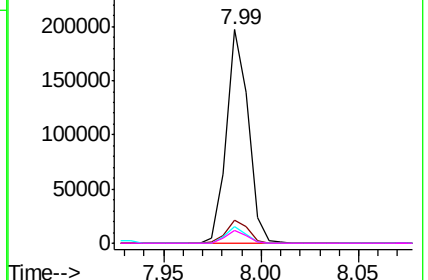
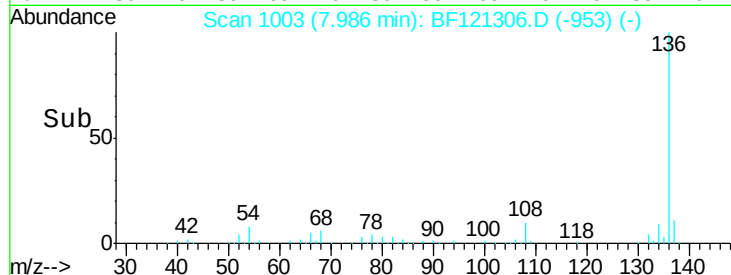


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.984 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF121306.D

Acq: 17 Aug 2020 13:12

Tgt Ion:105 Resp: 137836

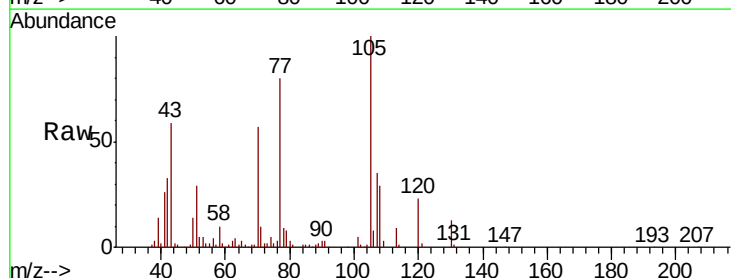
Ion Ratio Lower Upper

105 100

71 9.8 7.1 10.7

51 28.5 25.9 38.9

120 22.5 17.8 26.8

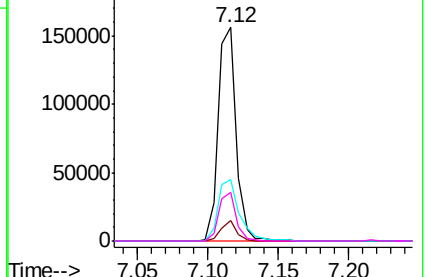
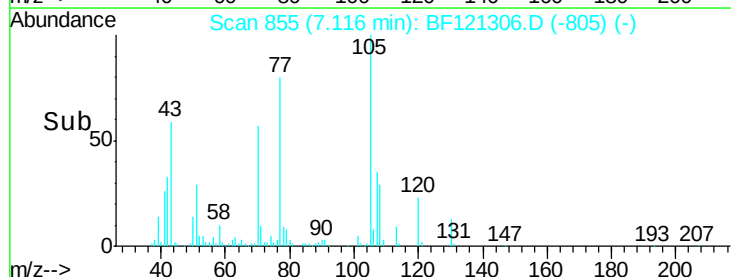


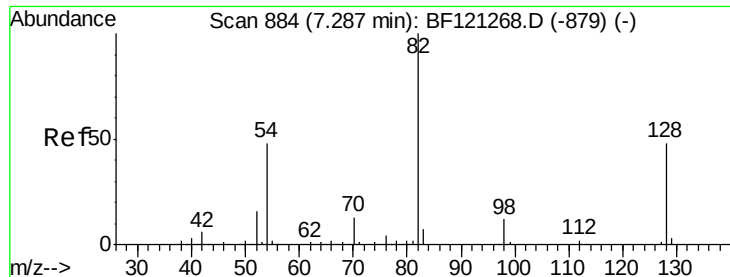
Abundance Ion 105.00 (104.70 to 105.70): E

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

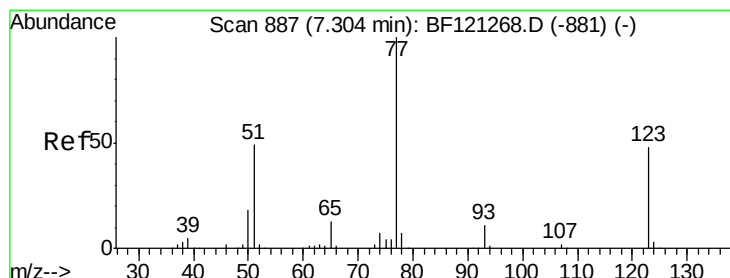
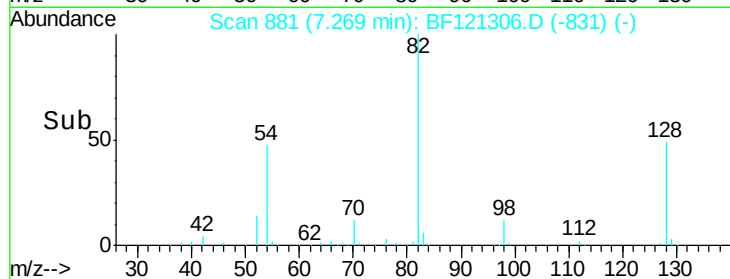
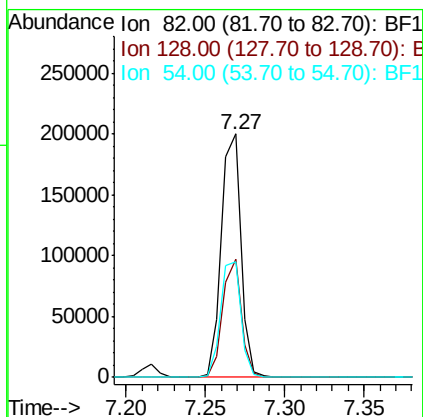
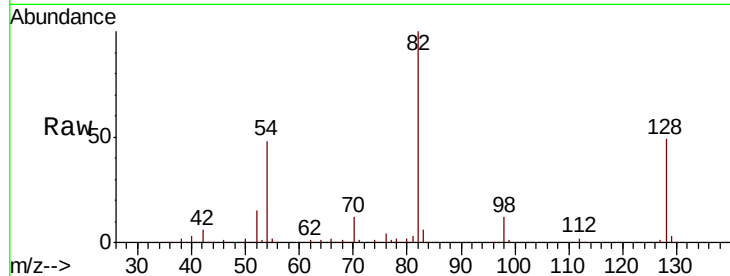




#23
 Nitrobenzene-d5
 Concen: 61.731 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF121306.D
 Acq: 17 Aug 2020 13:12

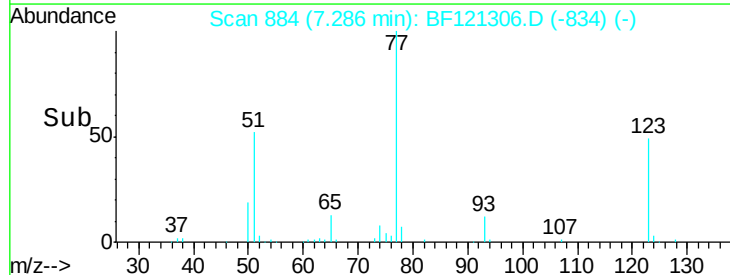
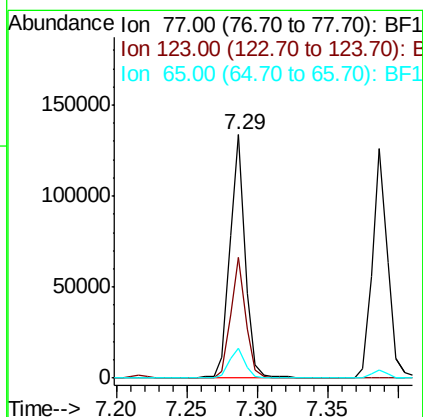
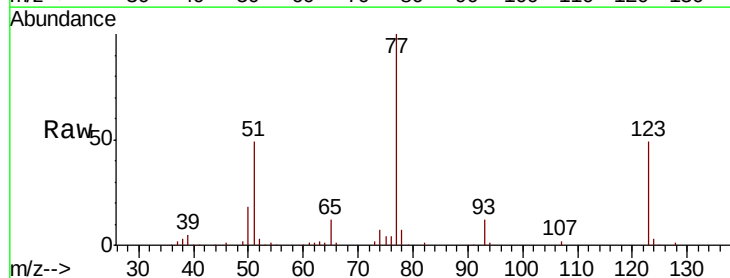
Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

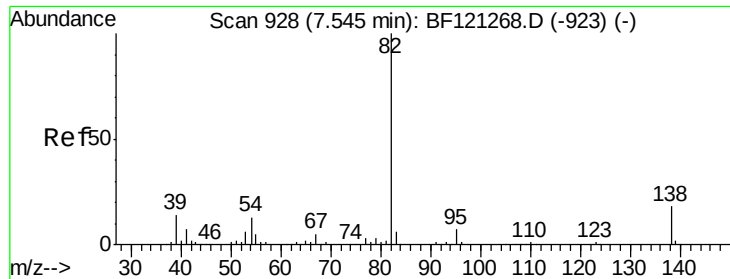
Tot Ion: 82 Resp: 172780
 Ion Ratio Lower Upper
 82 100
 128 48.7 38.2 57.2
 54 47.5 38.2 57.4



#24
 Nitrobenzene
 Concen: 33.186 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF121306.D
 Acq: 17 Aug 2020 13:12

Tgt Ion: 77 Resp: 100788
 Ion Ratio Lower Upper
 77 100
 123 49.4 40.3 60.5
 65 12.4 10.2 15.4

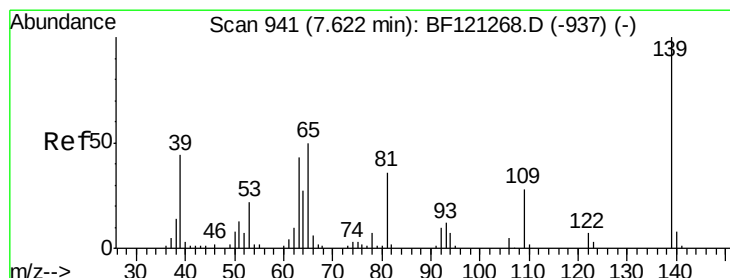
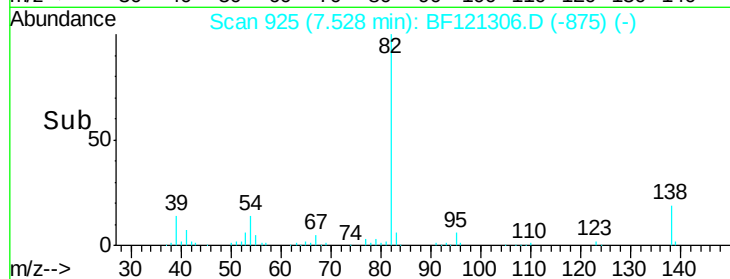
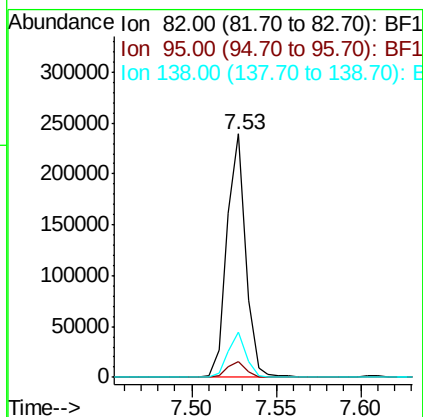
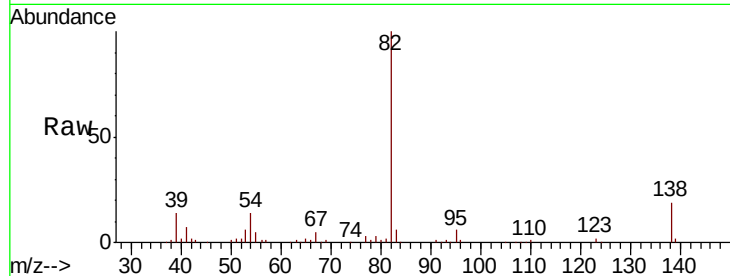




#25
Isophorone
Concen: 32.768 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF121306.D
Acq: 17 Aug 2020 13:12

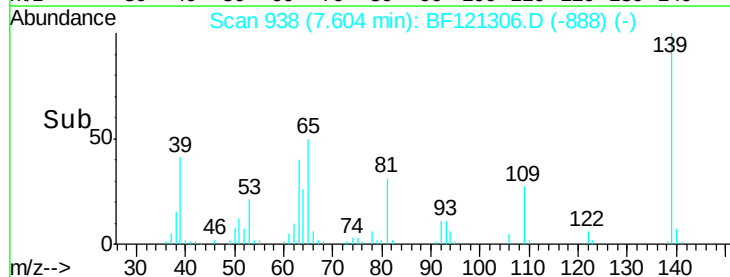
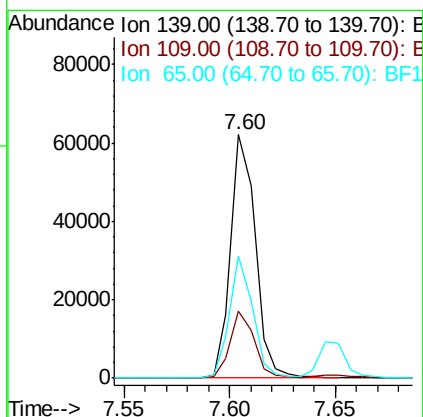
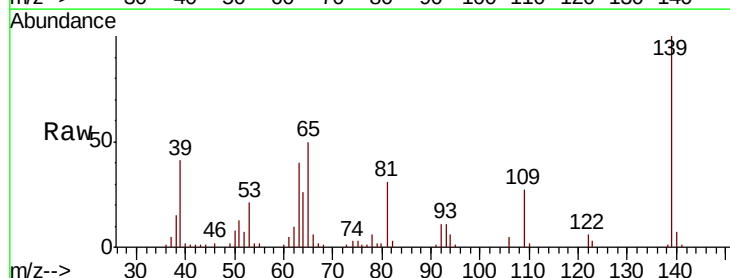
Instrument :
BNA_F
ClientSampleId :
SP1-3MS

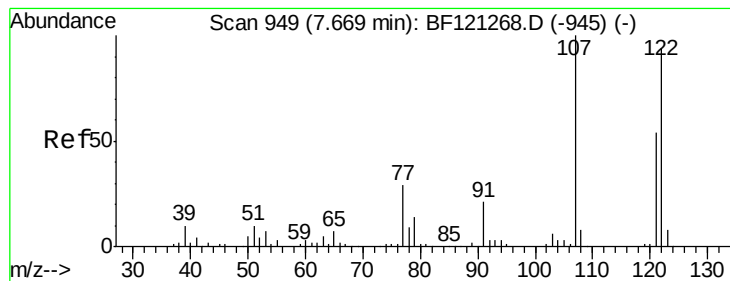
Tot Ion: 82 Resp: 184143
Ion Ratio Lower Upper
82 100
95 6.5 5.4 8.2
138 18.7 15.6 23.4



#26
2-Nitrophenol
Concen: 34.139 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF121306.D
Acq: 17 Aug 2020 13:12

Tgt Ion: 139 Resp: 50236
Ion Ratio Lower Upper
139 100
109 27.4 20.8 31.2
65 49.9 36.4 54.6





#27

2,4-Dimethylphenol

Concen: 36.967 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF121306.D

Acq: 17 Aug 2020 13:12

Instrument :

BNA_F

ClientSampled :

SP1-3MS

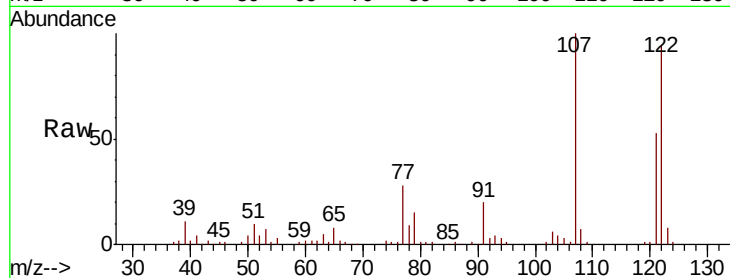
Tot Ion:122 Resp: 87158

Ion Ratio Lower Upper

122 100

107 106.7 87.2 130.8

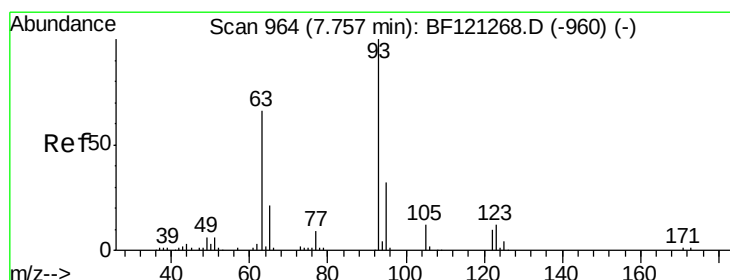
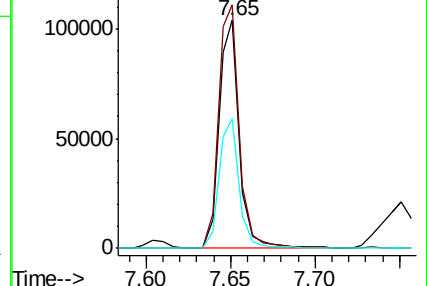
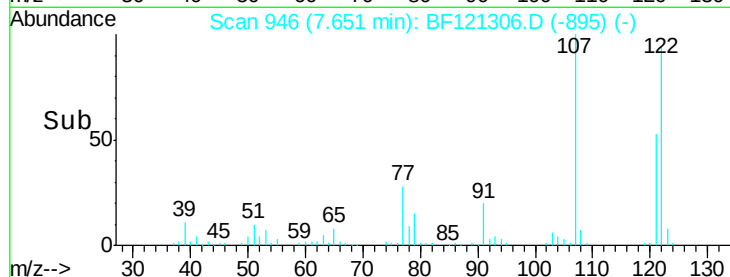
121 56.7 45.7 68.5



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: 37.130 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF121306.D

Acq: 17 Aug 2020 13:12

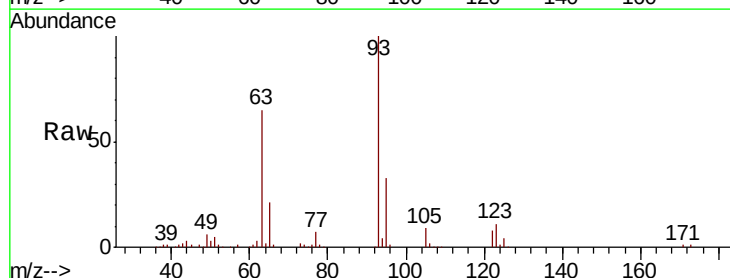
Tgt Ion: 93 Resp: 116707

Ion Ratio Lower Upper

93 100

95 32.9 26.7 40.1

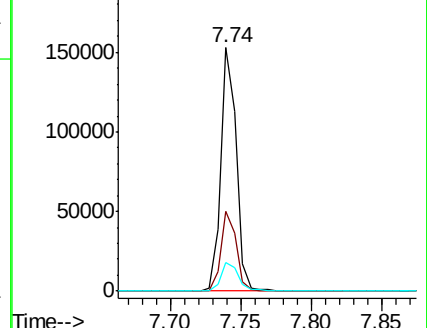
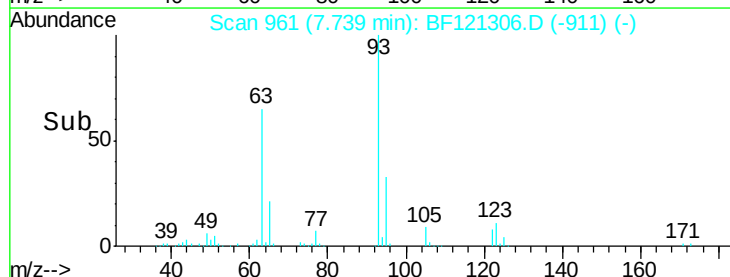
123 11.5 9.1 13.7

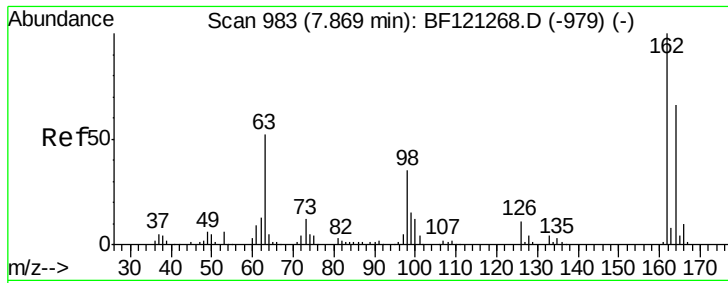


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

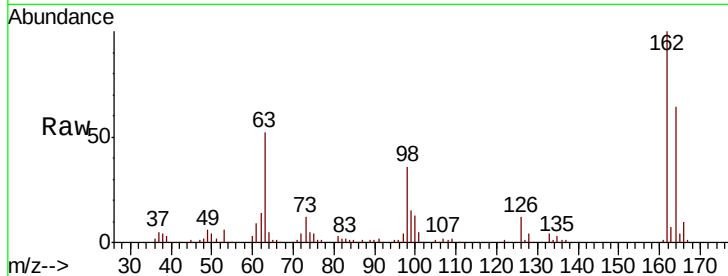




#29
 2,4-Dichlorophenol
 Concen: 33.682 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF121306.D
 Acq: 17 Aug 2020 13:12

Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	45.0	85.0
98	35.7	13.7	53.7

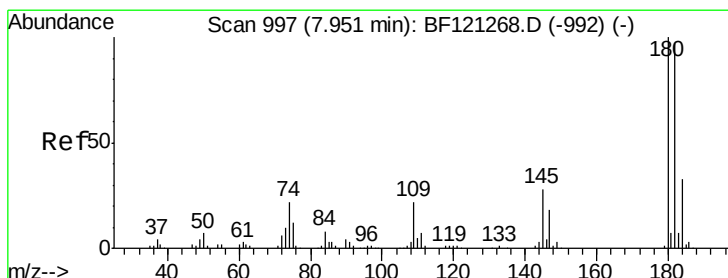
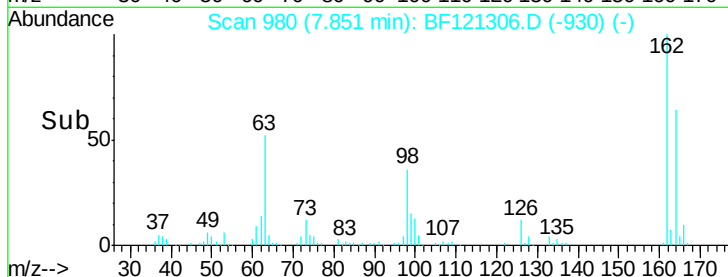
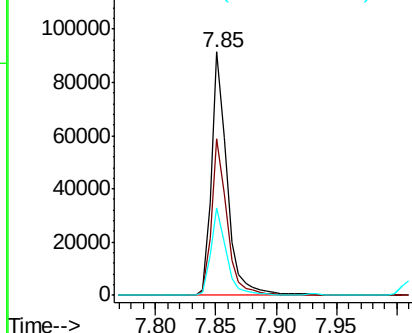


Abundance

Ion 162.00 (161.70 to 162.70): E

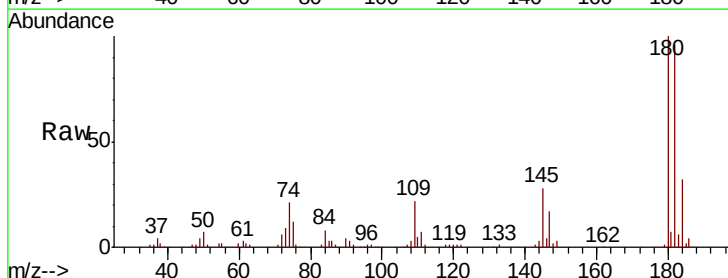
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 33.214 ng
 RT: 7.93 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BF121306.D
 Acq: 17 Aug 2020 13:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.8	113.6
145	28.0	23.4	35.0

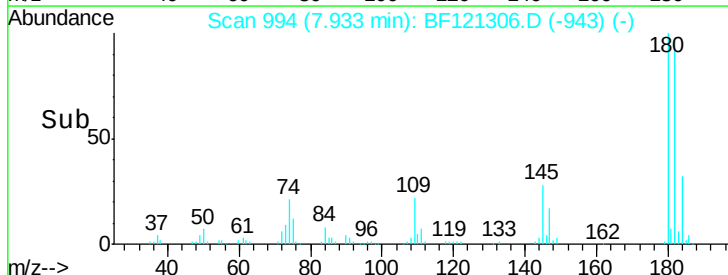
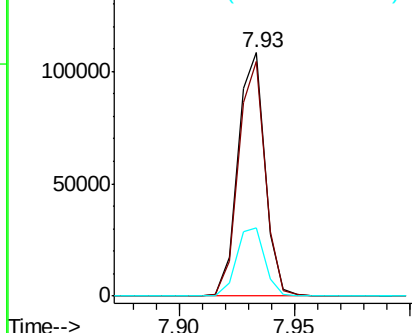


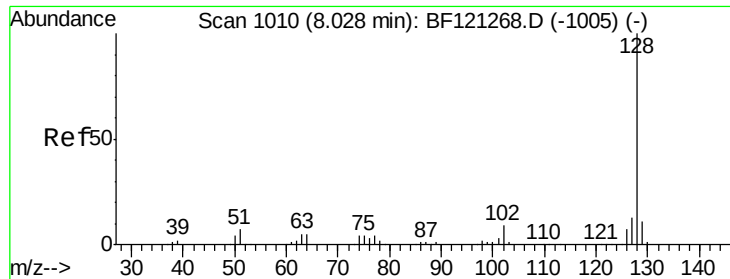
Abundance

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

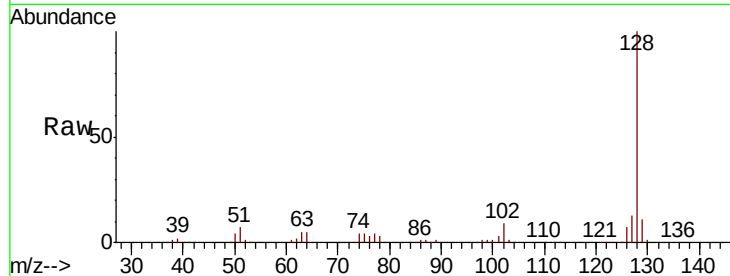




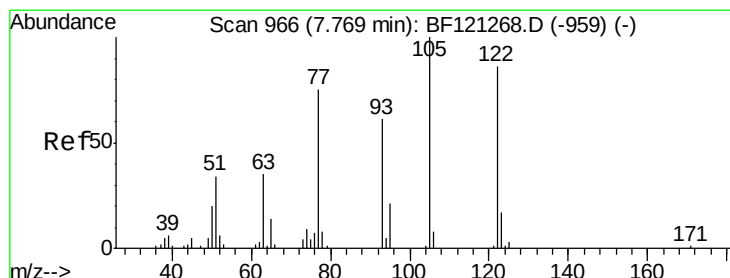
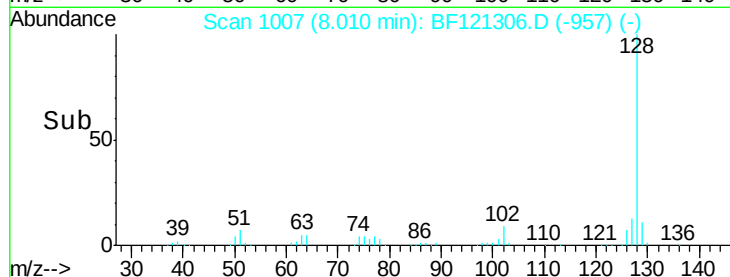
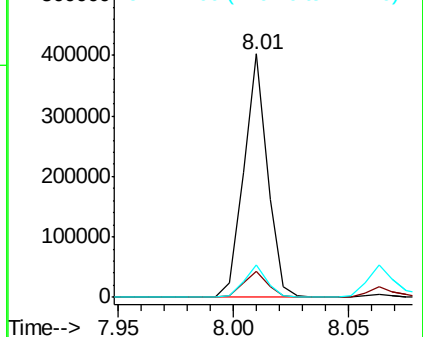
#31
Naphthalene
Concen: 33.509 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF121306.D
Acq: 17 Aug 2020 13:12

Instrument :
BNA_F
ClientSampleId :
SP1-3MS

Tot Ion:128 Resp: 288385
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.2 10.6 15.8

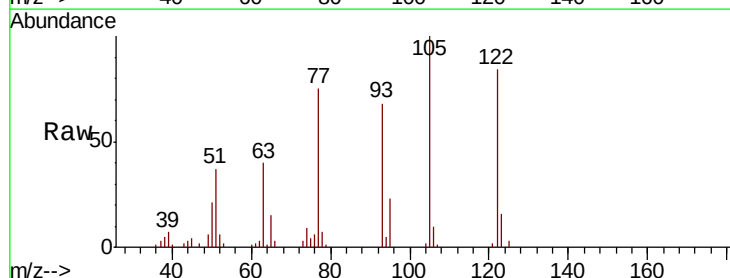


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

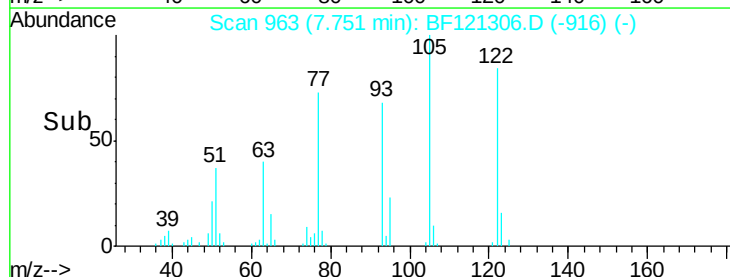
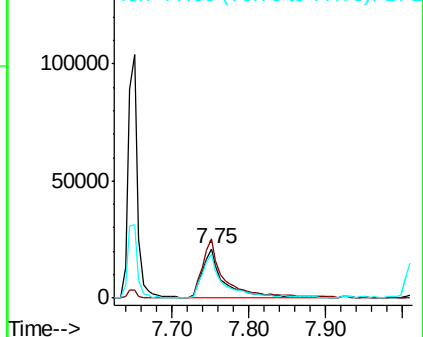


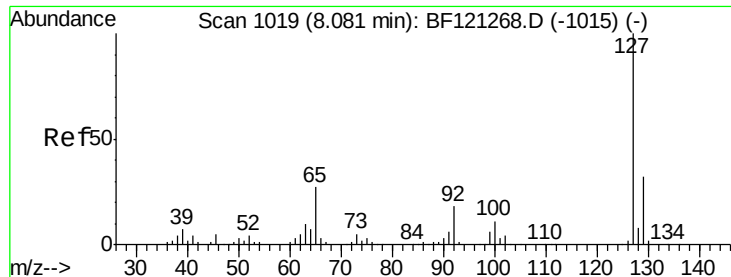
#32
Benzoic acid
Concen: 33.279 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.02 min
Lab File: BF121306.D
Acq: 17 Aug 2020 13:12

Tgt Ion:122 Resp: 39812
Ion Ratio Lower Upper
122 100
105 118.7 101.1 141.1
77 88.5 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

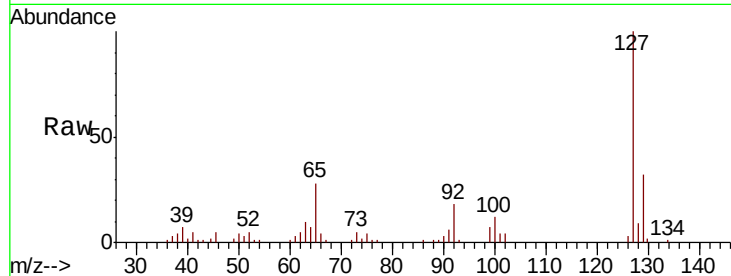




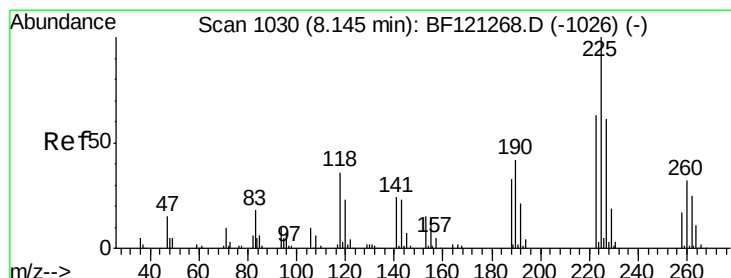
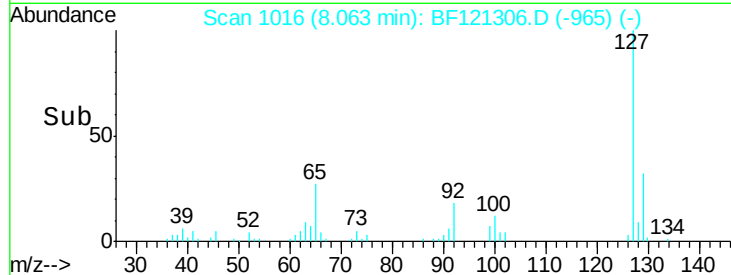
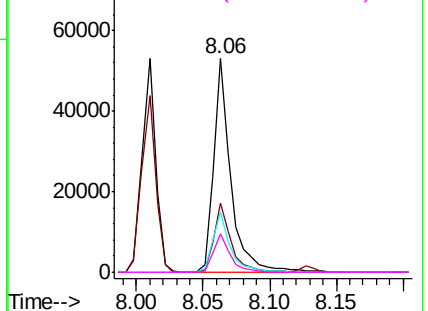
#33
4-Chloroaniline
Concen: 13.691 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF121306.D
Acq: 17 Aug 2020 13:12

Instrument :
BNA_F
ClientSampleId :
SP1-3MS

Tot Ion:127	Resp:	48083
Ion	Ratio	Lower Upper
127	100	
129	32.4	25.7 38.5
65	28.1	22.9 34.3
92	18.3	15.0 22.4

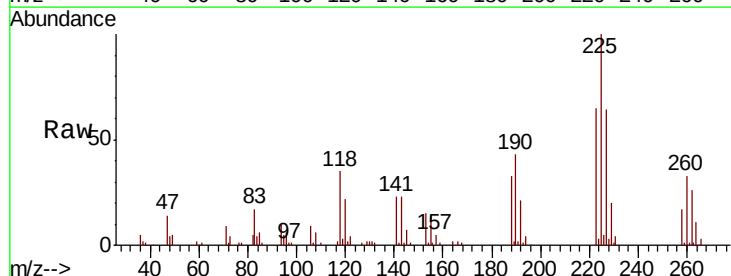


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

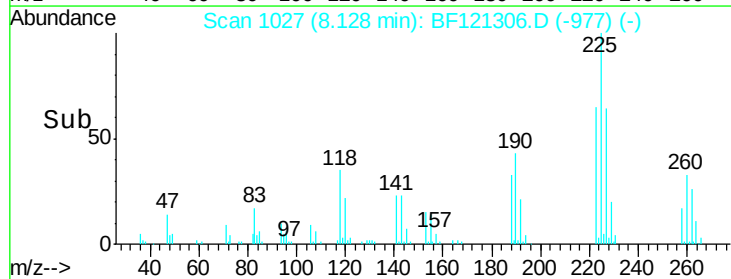
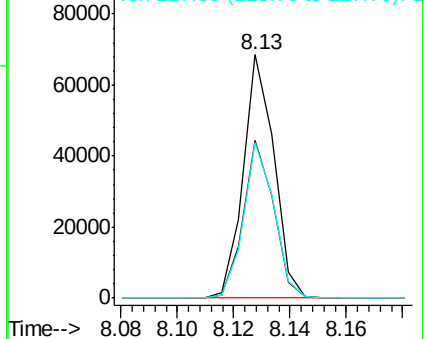


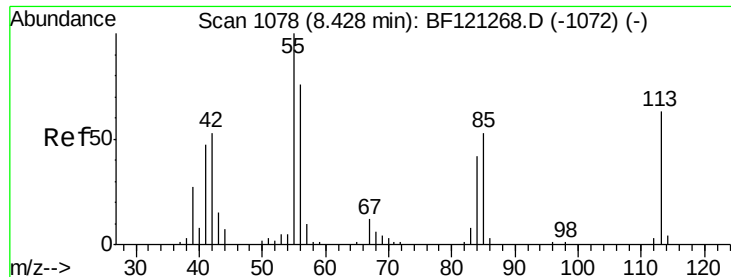
#34
Hexachlorobutadiene
Concen: 32.046 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF121306.D
Acq: 17 Aug 2020 13:12

Tgt Ion:225	Resp:	51596
Ion	Ratio	Lower Upper
225	100	
223	64.8	51.0 76.4
227	63.7	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

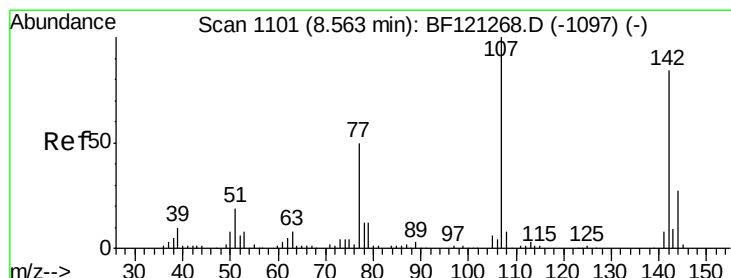
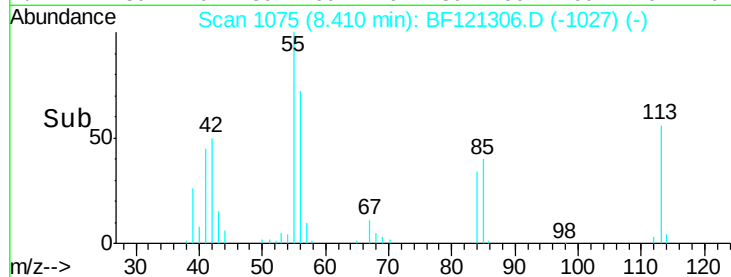
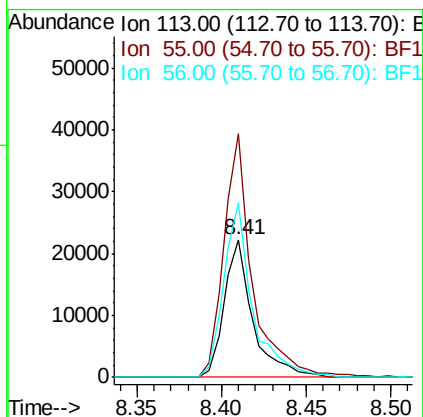
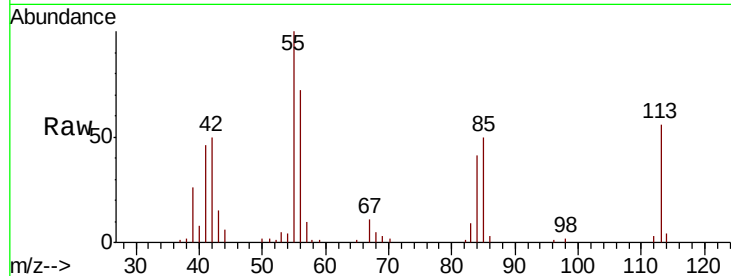




#35
 Caprolactam
 Concen: 35.747 ng
 RT: 8.41 min Scan# 1075
 Delta R.T. -0.02 min
 Lab File: BF121306.D
 Acq: 17 Aug 2020 13:12

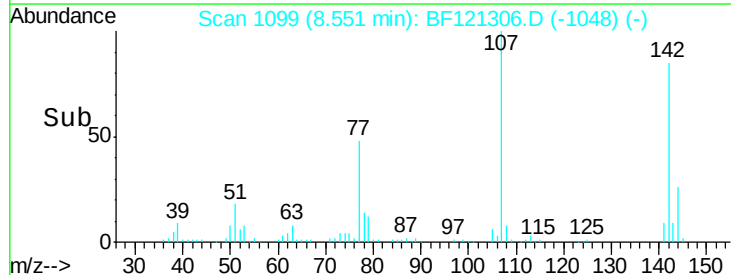
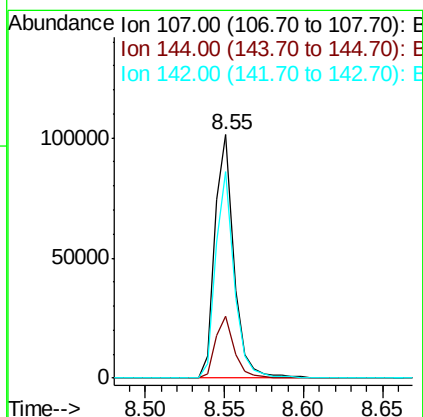
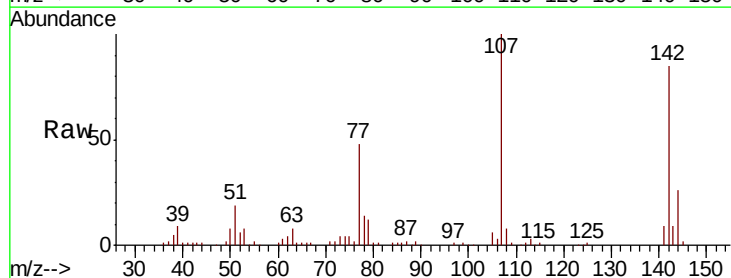
Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

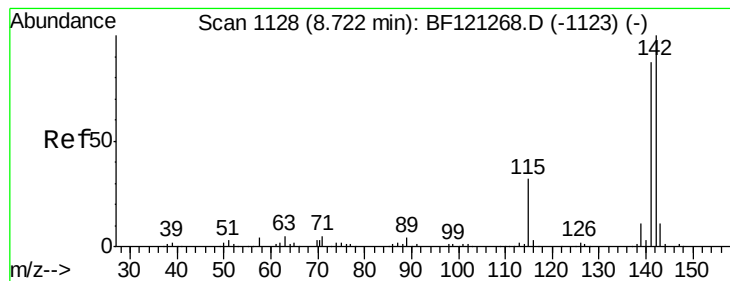
Tot Ion:113 Resp: 25960
 Ion Ratio Lower Upper
 113 100
 55 177.1 146.1 186.1
 56 126.8 103.3 143.3



#36
 4-Chloro-3-methylphenol
 Concen: 34.574 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF121306.D
 Acq: 17 Aug 2020 13:12

Tgt Ion:107 Resp: 85046
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.4 30.6
 142 84.6 63.8 95.8





#37

2-Methylnaphthalene

Concen: 34.460 ng

RT: 8.70 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF121306.D

Acq: 17 Aug 2020 13:12

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

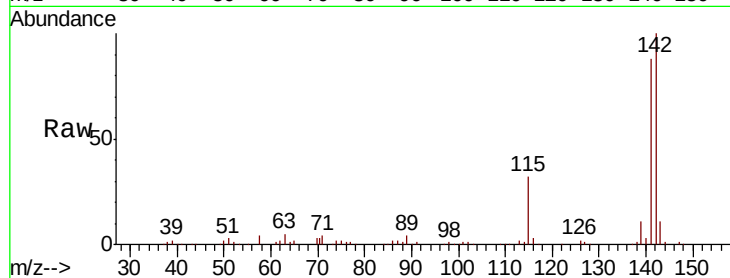
Tot Ion:142 Resp: 195155

Ion Ratio Lower Upper

142 100

141 87.7 69.2 103.8

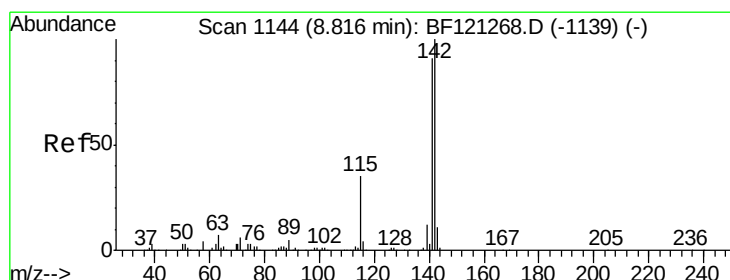
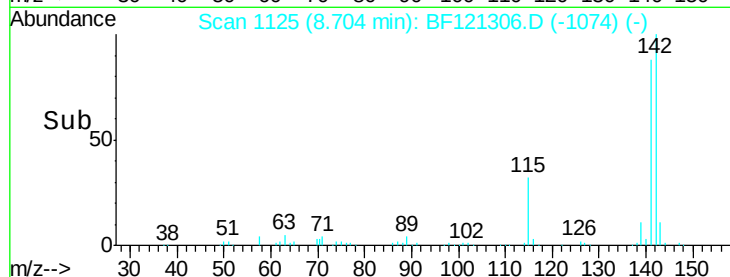
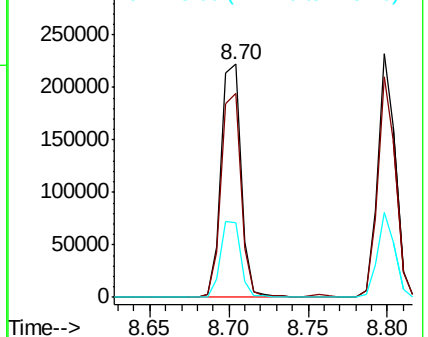
115 32.3 25.8 38.8



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: 33.891 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF121306.D

Acq: 17 Aug 2020 13:12

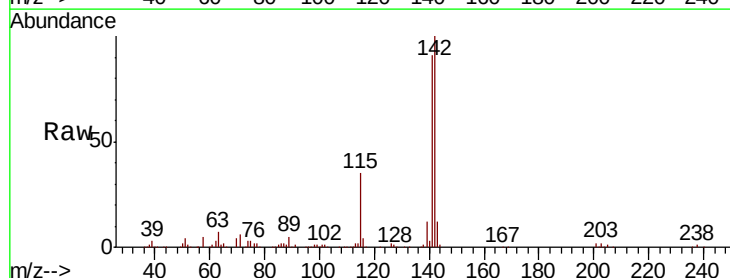
Tgt Ion:142 Resp: 181730

Ion Ratio Lower Upper

142 100

141 90.6 72.6 109.0

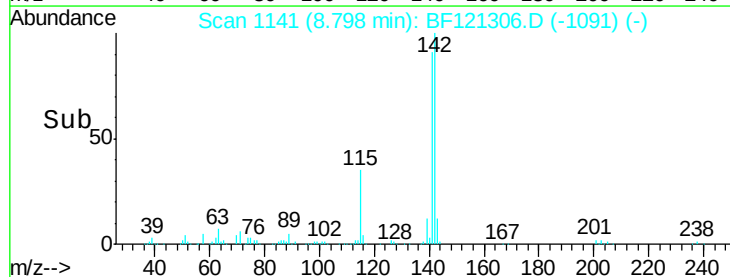
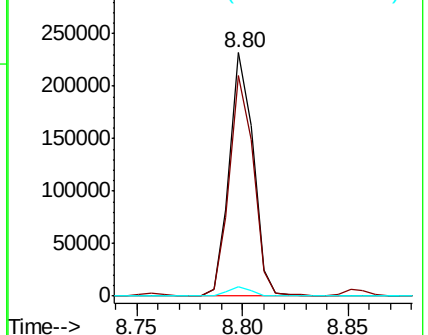
116 3.6 2.8 4.2

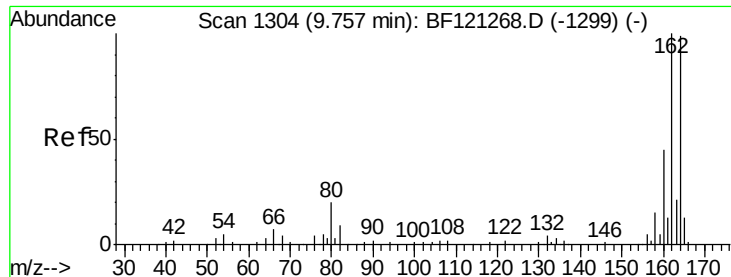


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF121306.D

Acq: 17 Aug 2020 13:12

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

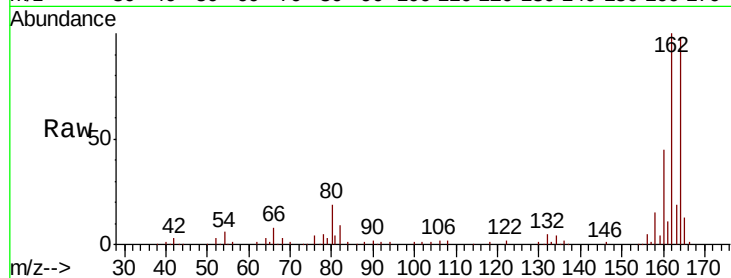
Tot Ion:164 Resp: 80130

Ion Ratio Lower Upper

164 100

162 101.8 80.2 120.2

160 45.5 36.5 54.7

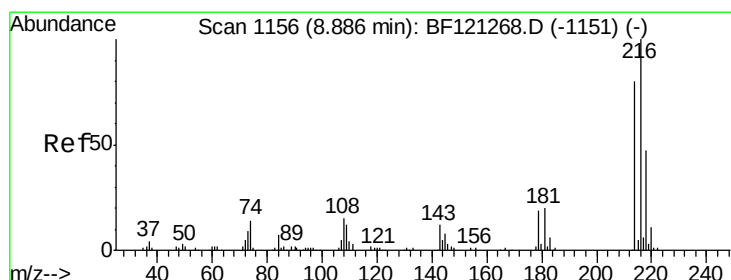
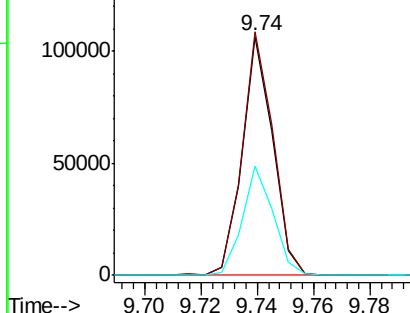
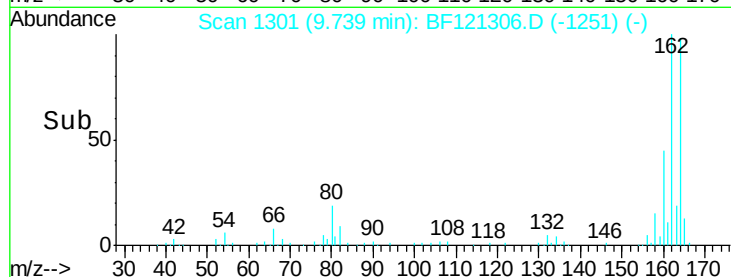


Abundance

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: 33.952 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF121306.D

Acq: 17 Aug 2020 13:12

Tgt Ion:216 Resp: 91159

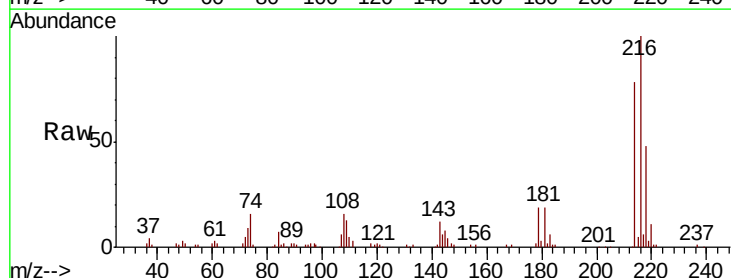
Ion Ratio Lower Upper

216 100

214 78.4 63.2 94.8

179 20.1 15.8 23.6

108 18.4 14.1 21.1



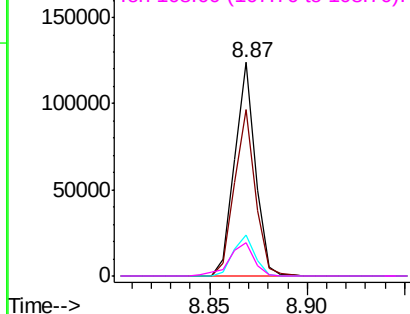
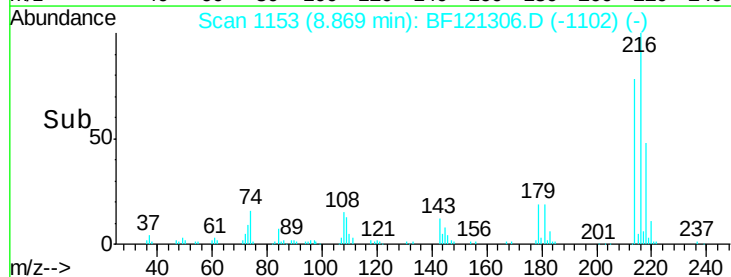
Abundance

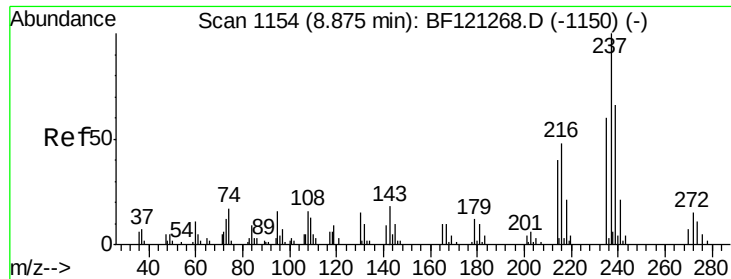
Ion 216.00 (215.70 to 216.70): E

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

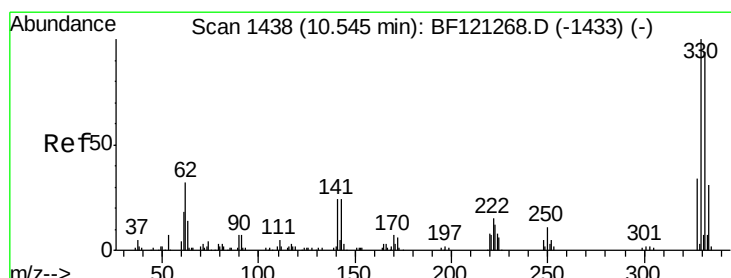
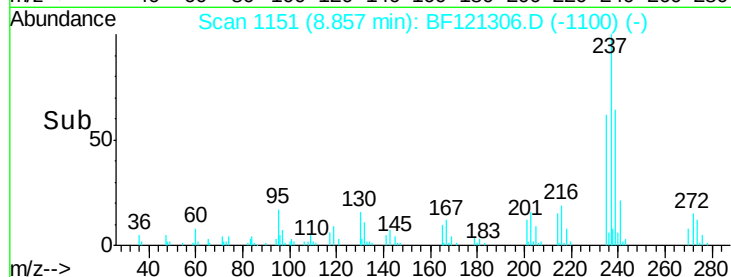
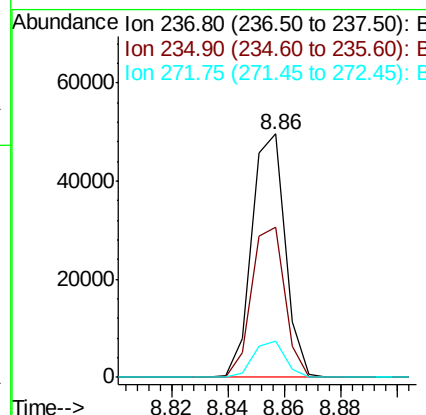
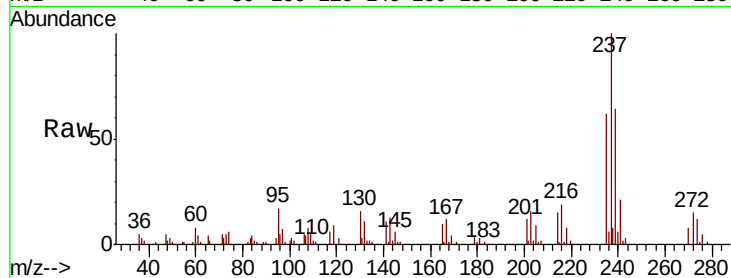




#41
Hexachlorocyclopentadiene
Concen: 48.441 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF121306.D
Acq: 17 Aug 2020 13:12

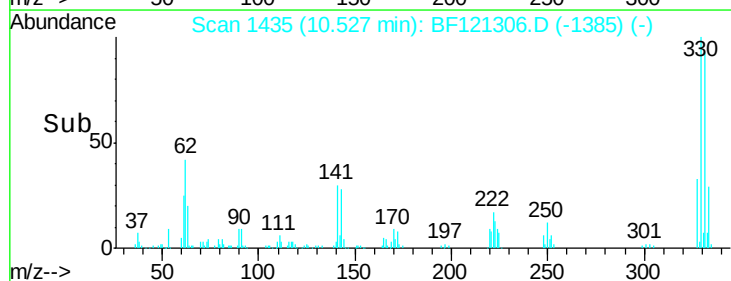
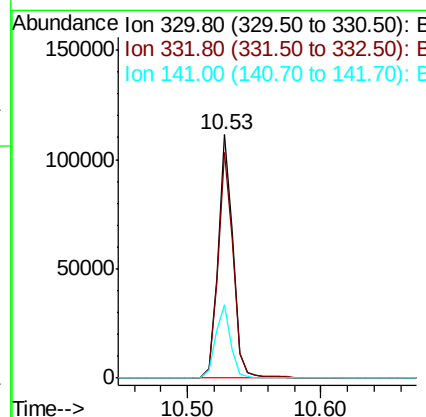
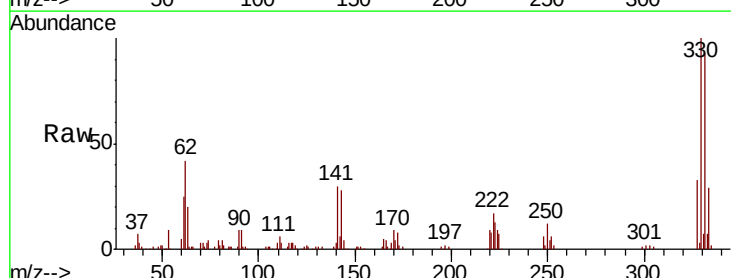
Instrument :
BNA_F
ClientSampleId :
SP1-3MS

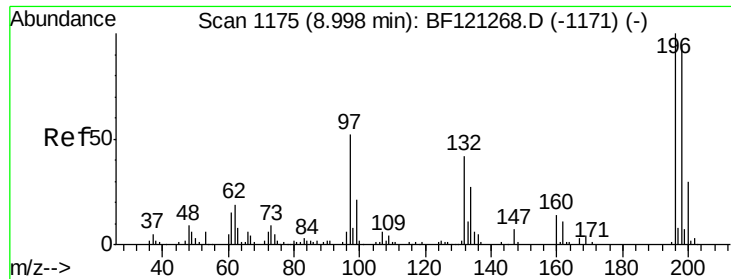
Tot Ion:237 Resp: 40718
Ion Ratio Lower Upper
237 100
235 61.7 41.5 81.5
272 15.1 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 88.823 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF121306.D
Acq: 17 Aug 2020 13:12

Tgt Ion:330 Resp: 87629
Ion Ratio Lower Upper
330 100
332 94.1 77.4 116.0
141 30.1 24.2 36.4

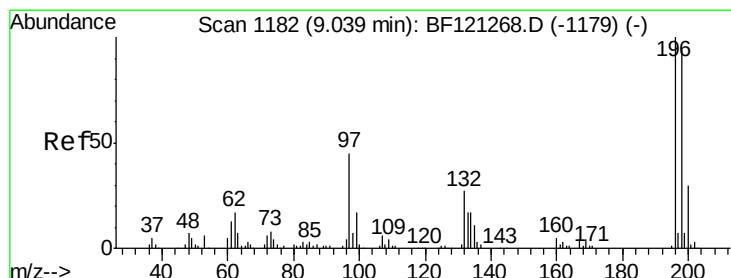
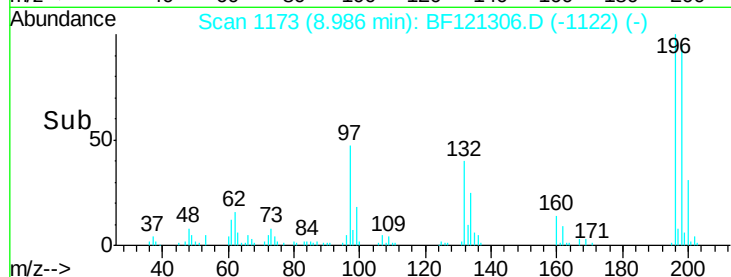
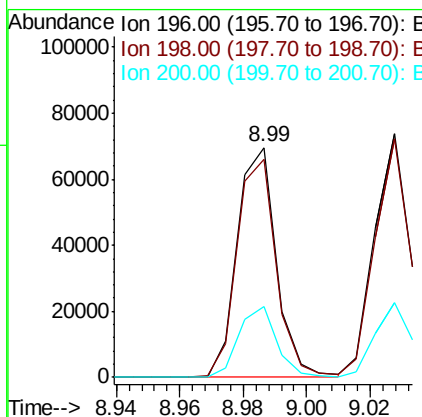
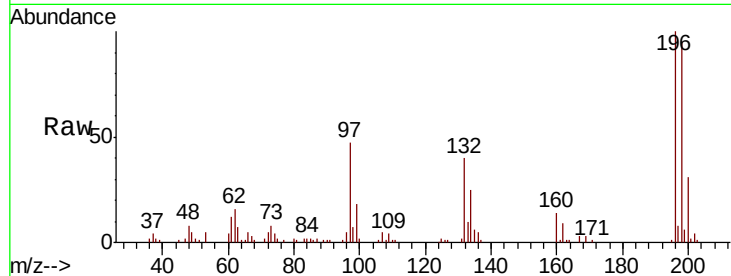




#43
 2,4,6-Trichlorophenol
 Concen: 34.740 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF121306.D
 Acq: 17 Aug 2020 13:12

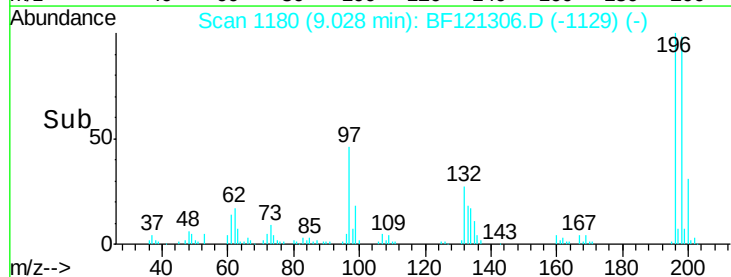
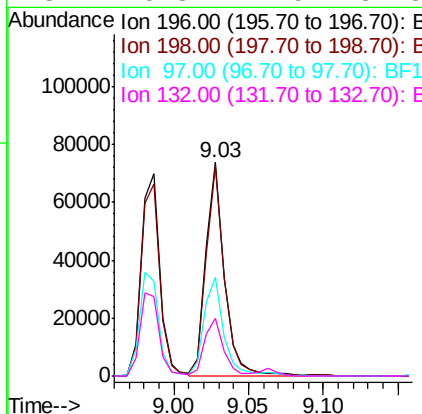
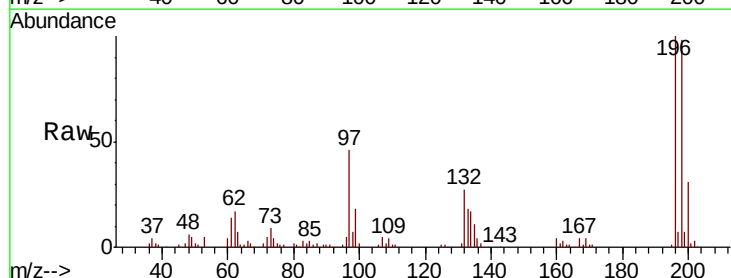
Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

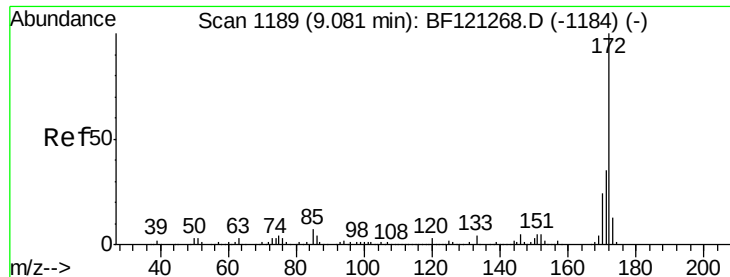
Tot Ion:196 Resp: 59320
 Ion Ratio Lower Upper
 196 100
 198 95.0 76.9 115.3
 200 31.0 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 34.504 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF121306.D
 Acq: 17 Aug 2020 13:12

Tgt Ion:196 Resp: 63993
 Ion Ratio Lower Upper
 196 100
 198 98.1 75.5 113.3
 97 46.2 39.4 59.2
 132 26.8 22.9 34.3

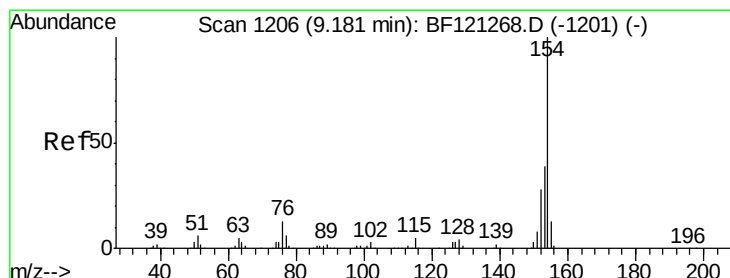
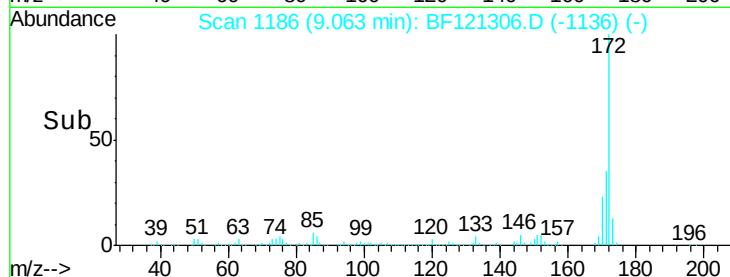
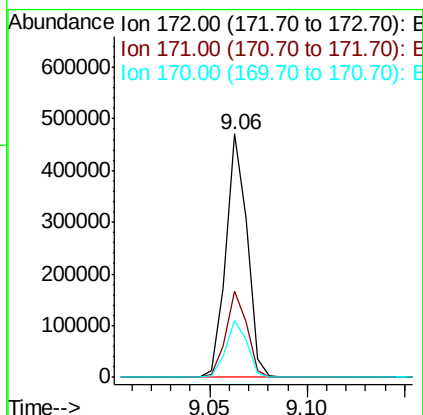
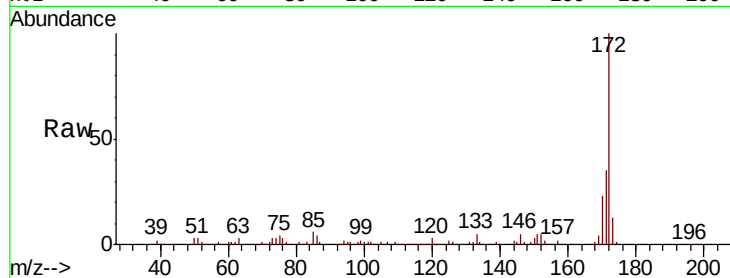




#45
2-Fluorobiphenyl
Concen: 61.267 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF121306.D
Acq: 17 Aug 2020 13:12

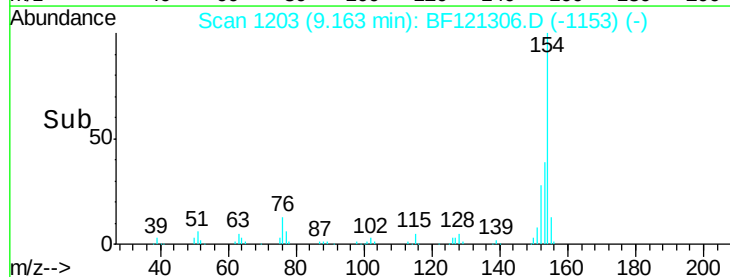
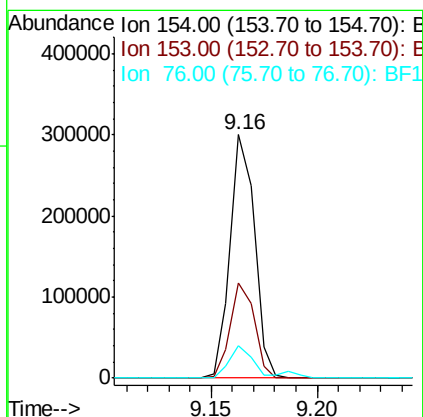
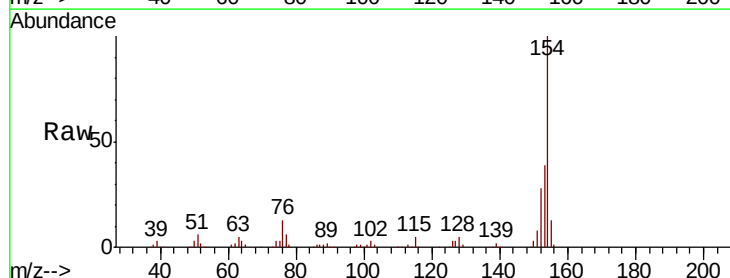
Instrument :
BNA_F
ClientSampleId :
SP1-3MS

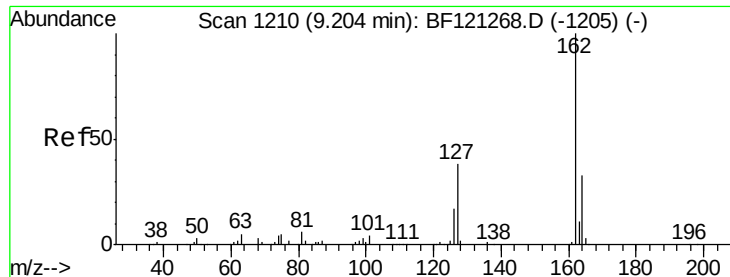
Tot Ion:172 Resp: 354903
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.3 19.3 28.9



#46
1,1'-Biphenyl
Concen: 34.621 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF121306.D
Acq: 17 Aug 2020 13:12

Tgt Ion:154 Resp: 239705
Ion Ratio Lower Upper
154 100
153 39.3 20.5 60.5
76 13.4 0.0 31.9

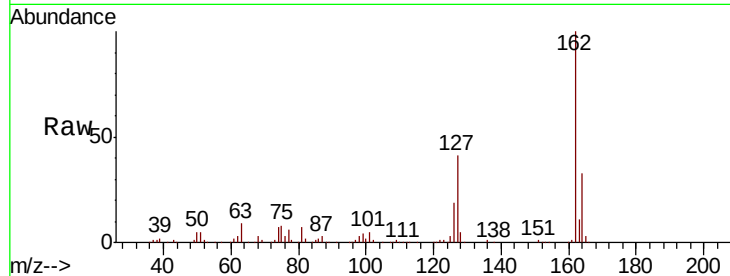




#47
 2-Chloronaphthalene
 Concen: 33.865 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF121306.D
 Acq: 17 Aug 2020 13:12

Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.1	31.4	47.2
164	33.1	26.5	39.7

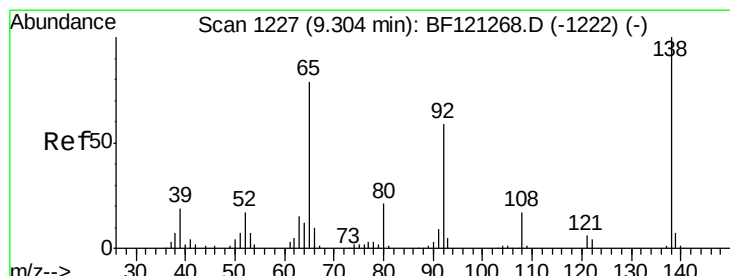
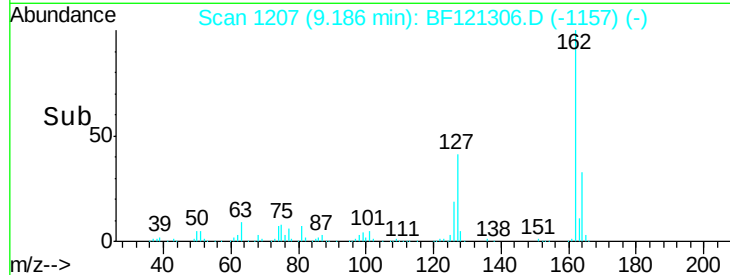
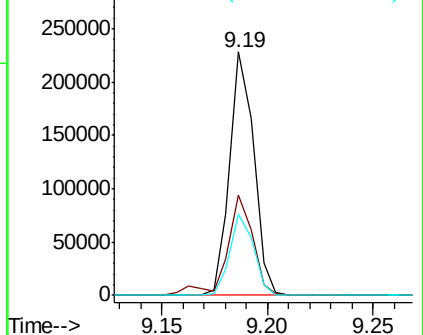


Abundance

Ion 162.00 (161.70 to 162.70): E

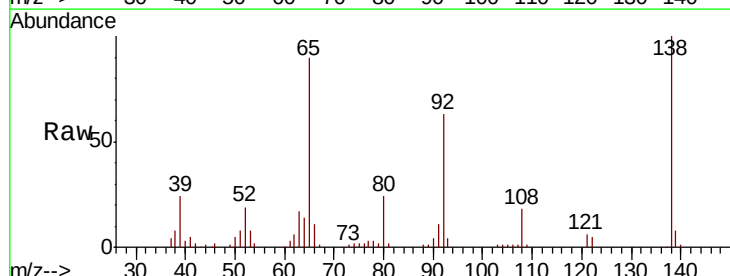
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 35.703 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF121306.D
 Acq: 17 Aug 2020 13:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.5	58.2	87.2
138	111.3	97.5	146.3

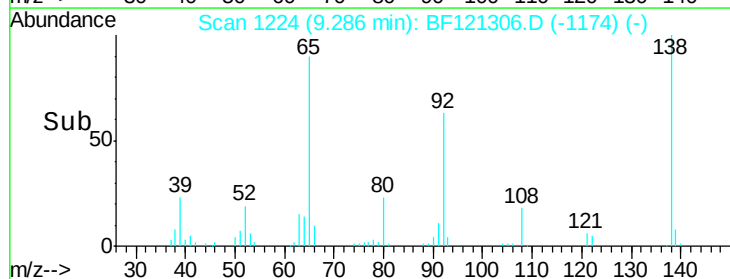
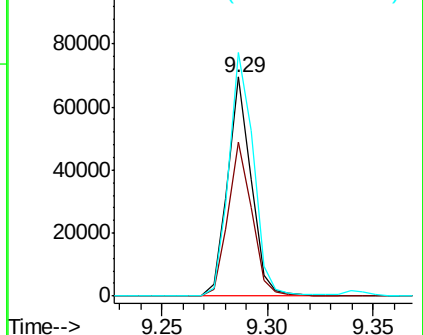


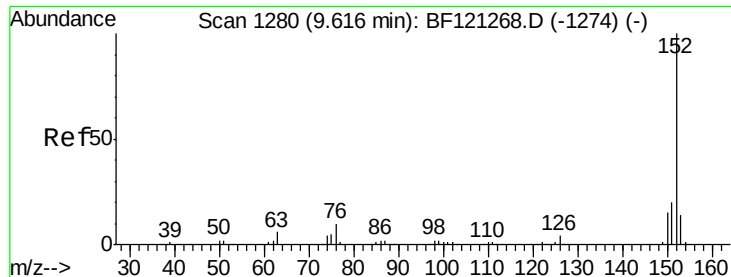
Abundance

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: 35.160 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BF121306.D

Acq: 17 Aug 2020 13:12

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

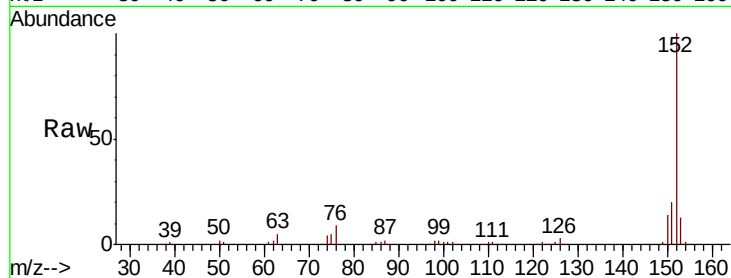
Tot Ion:152 Resp: 297633

Ion Ratio Lower Upper

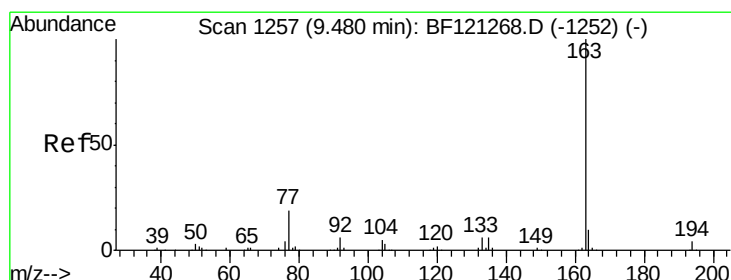
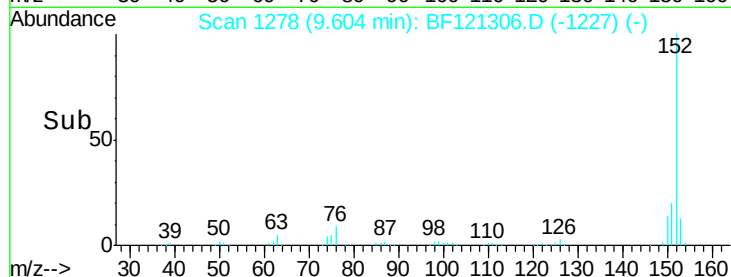
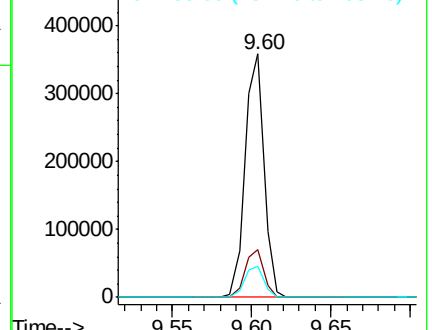
152 100

151 19.7 16.2 24.4

153 12.6 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: 42.167 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF121306.D

Acq: 17 Aug 2020 13:12

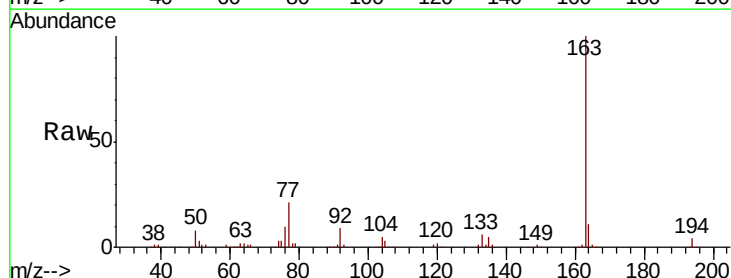
Tgt Ion:163 Resp: 254250

Ion Ratio Lower Upper

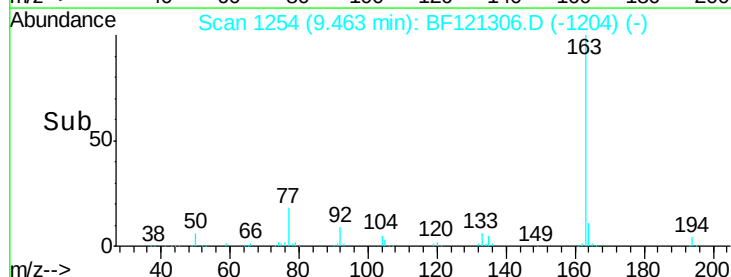
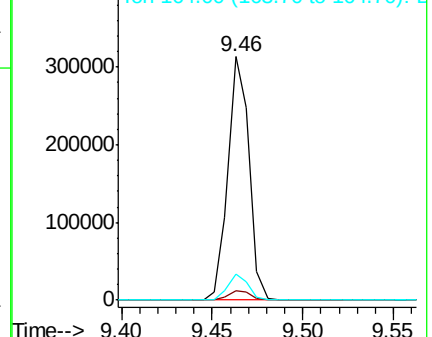
163 100

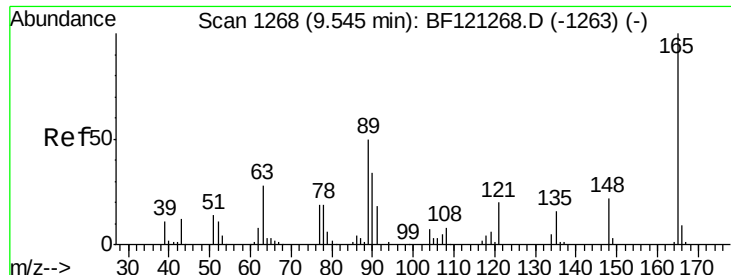
194 3.6 2.9 4.3

164 10.6 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: 33.574 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF121306.D

Acq: 17 Aug 2020 13:12

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

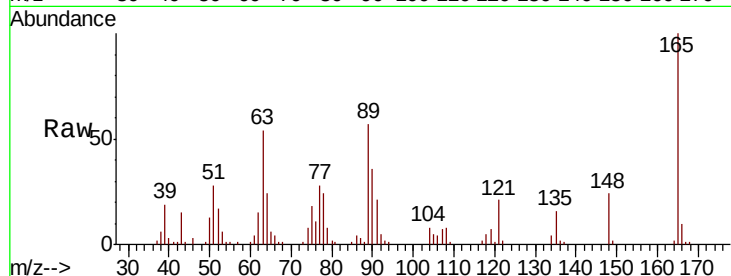
Tot Ion:165 Resp: 45126

Ion Ratio Lower Upper

165 100

63 53.6 42.0 63.0

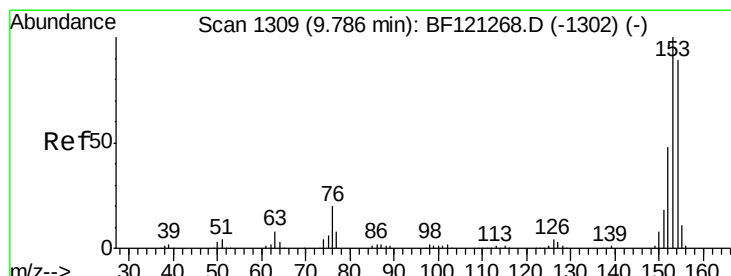
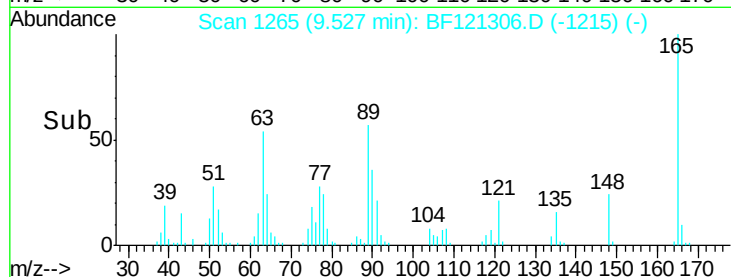
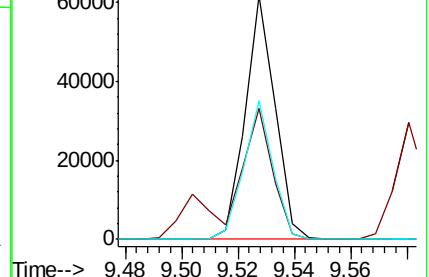
89 56.7 44.7 67.1



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: 33.715 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF121306.D

Acq: 17 Aug 2020 13:12

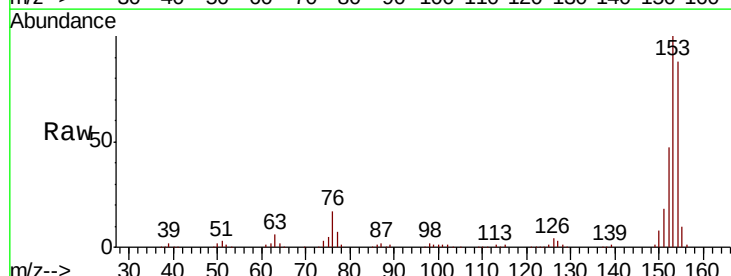
Tgt Ion:154 Resp: 168975

Ion Ratio Lower Upper

154 100

153 113.1 88.0 132.0

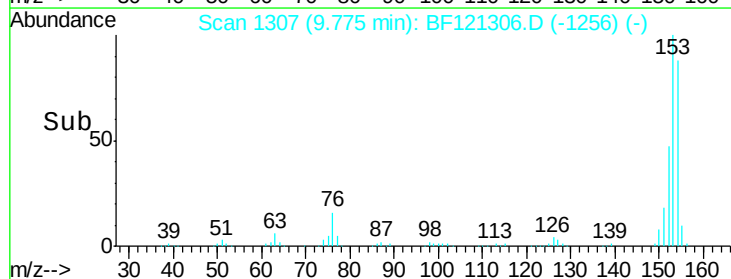
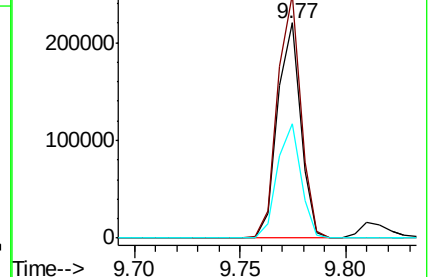
152 53.1 43.0 64.4

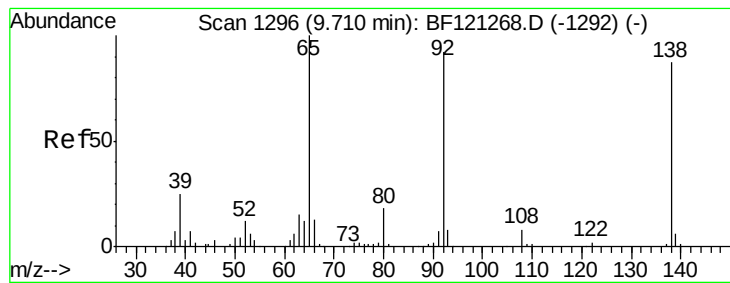


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 19.248 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF121306.D

Acq: 17 Aug 2020 13:12

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

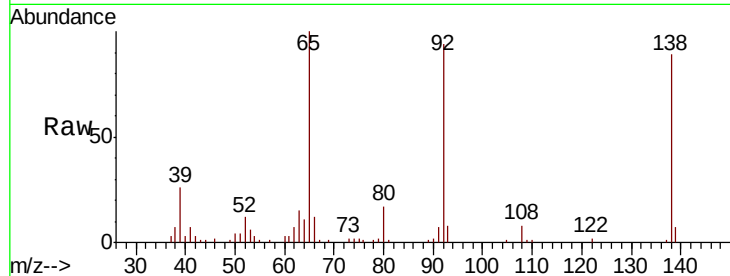
Tot Ion:138 Resp: 29539

Ion Ratio Lower Upper

138 100

108 9.4 7.6 11.4

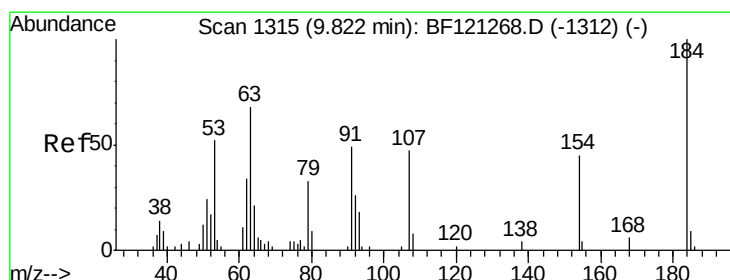
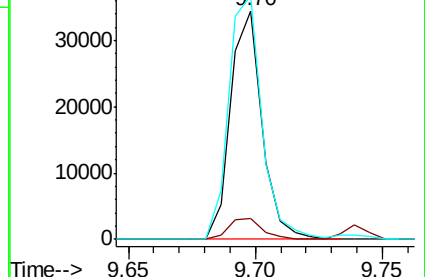
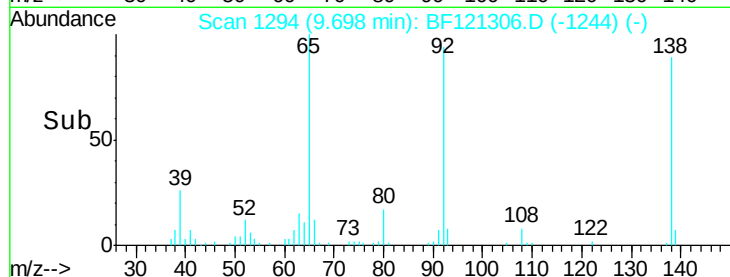
92 106.4 82.6 123.8



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: 49.976 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF121306.D

Acq: 17 Aug 2020 13:12

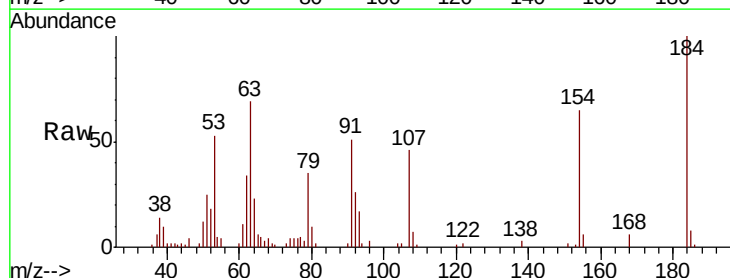
Tgt Ion:184 Resp: 28735

Ion Ratio Lower Upper

184 100

63 68.5 45.3 67.9#

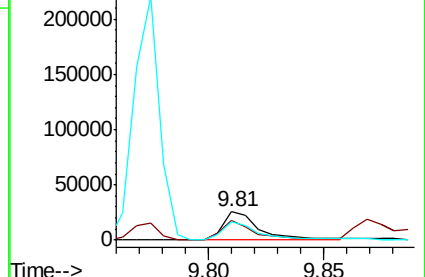
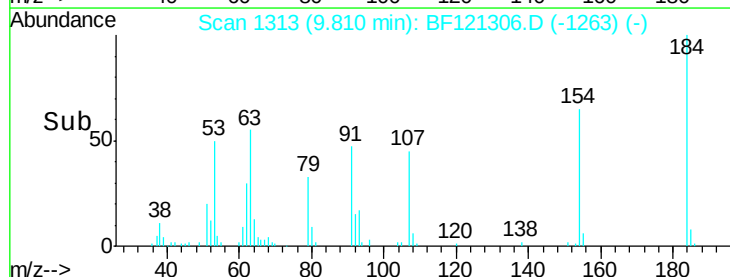
154 65.0 46.4 69.6

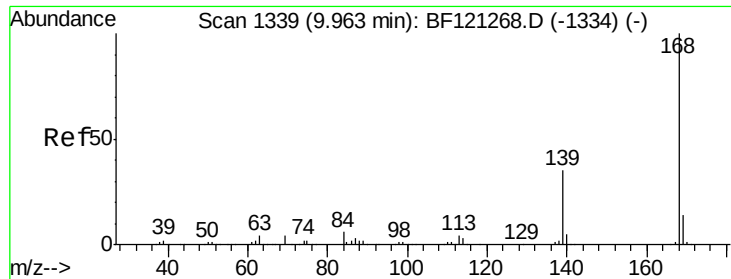


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

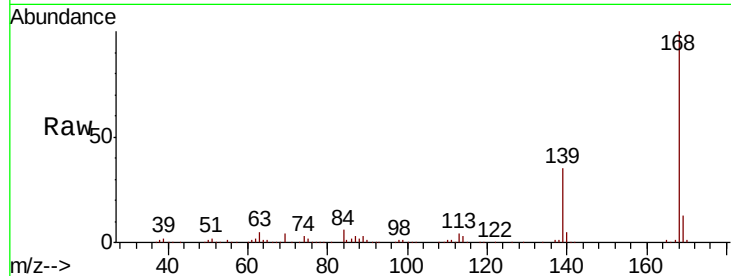




#55
 Dibenzofuran
 Concen: 33.810 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BF121306.D
 Acq: 17 Aug 2020 13:12

Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

Tot Ion	168	139	169
Resp:	269854		
Ion Ratio	100	34.7	13.2
Lower		27.9	10.5
Upper		41.9	15.7

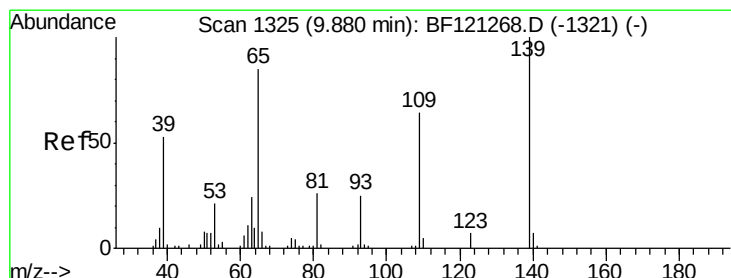
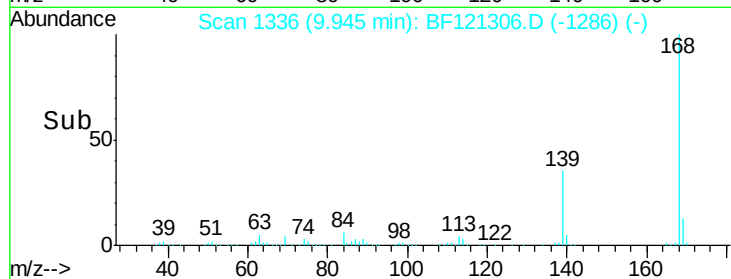
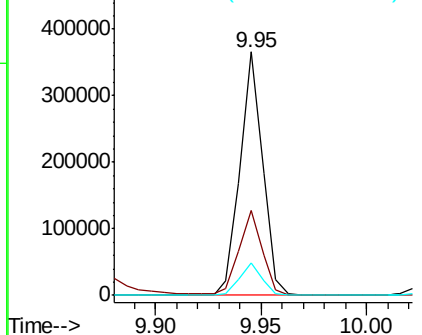


Abundance

Ion 168.00 (167.70 to 168.70): E

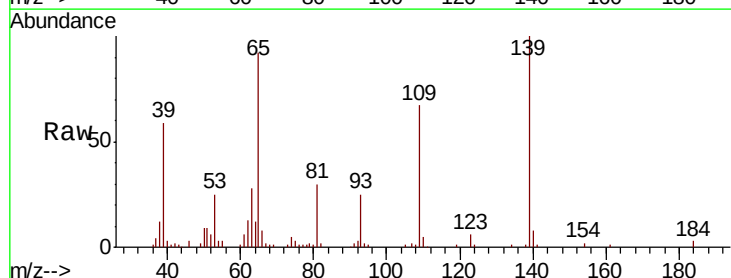
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
 4-Nitrophenol
 Concen: 76.079 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF121306.D
 Acq: 17 Aug 2020 13:12

Tgt Ion	139	109	65
Resp:	75348		
Ion Ratio	100	66.9	92.1
Lower		44.3	62.4
Upper		84.3	102.4

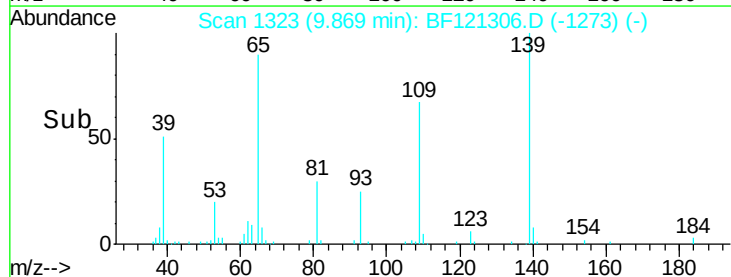
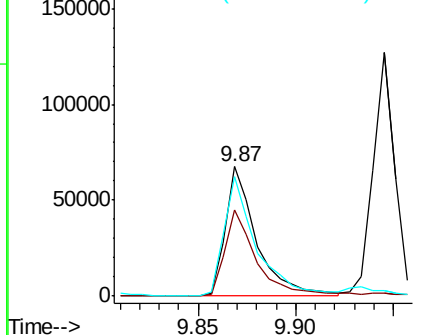


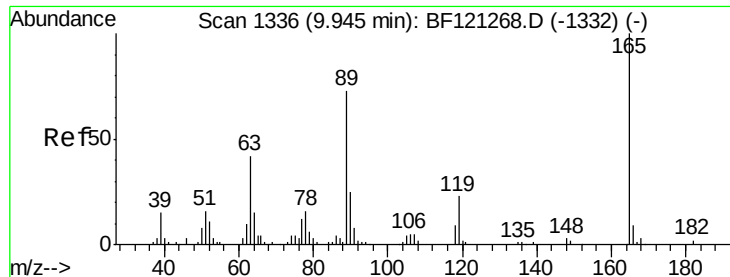
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

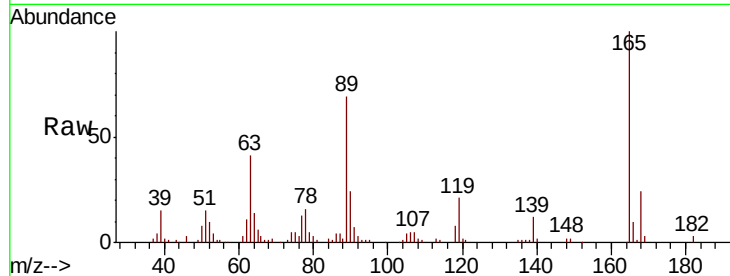




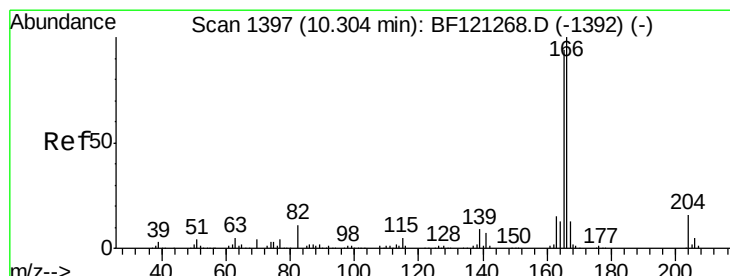
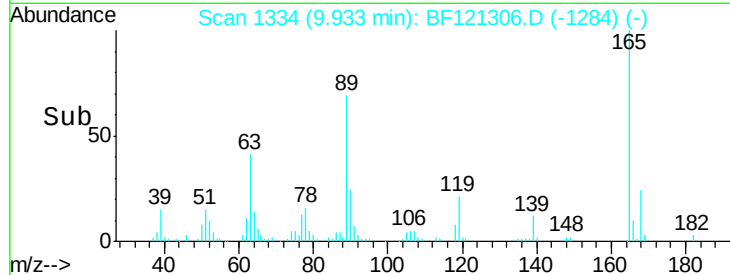
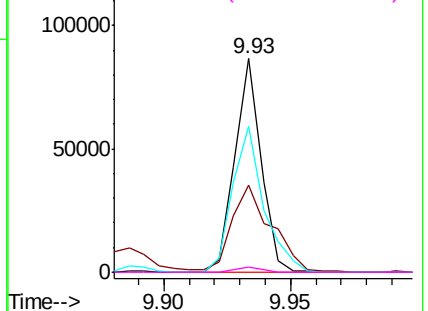
#57
 2,4-Dinitrotoluene
 Concen: 35.338 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF121306.D
 Acq: 17 Aug 2020 13:12

Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

Tot Ion:165	Resp:	62334
Ion Ratio	Lower	Upper
165	100	
63	40.6	31.7 47.5
89	68.6	52.8 79.2
182	2.7	2.1 3.1

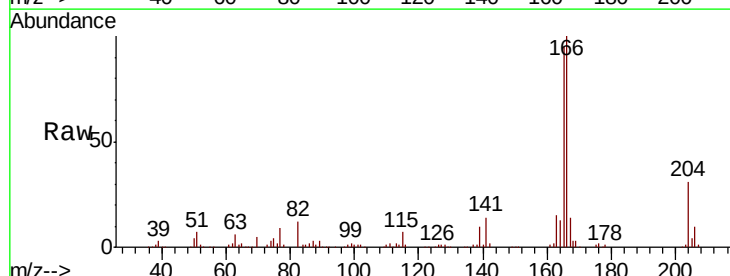


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

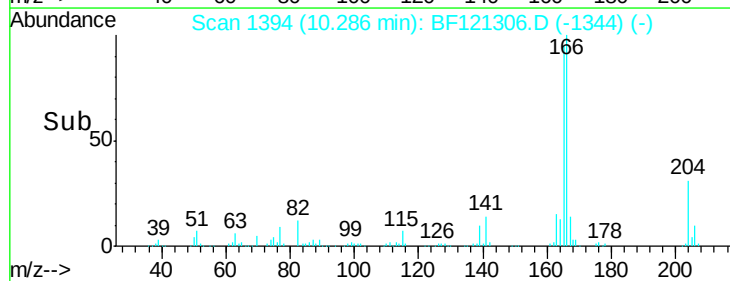
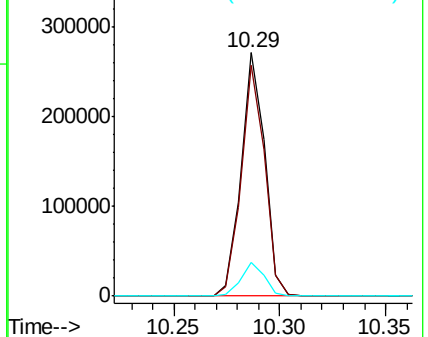


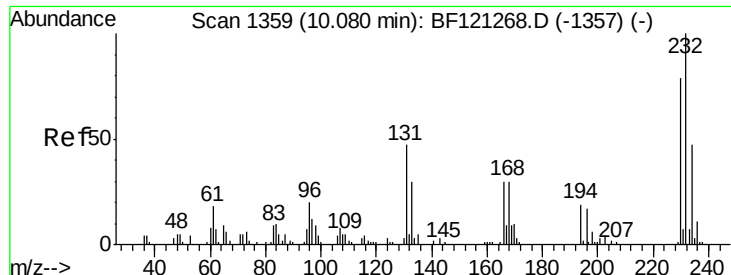
#58
 Fluorene
 Concen: 34.393 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF121306.D
 Acq: 17 Aug 2020 13:12

Tgt Ion:166	Resp:	207792
Ion Ratio	Lower	Upper
166	100	
165	95.1	74.5 111.7
167	13.6	10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

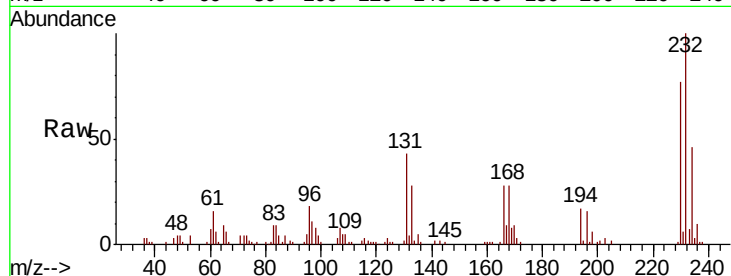




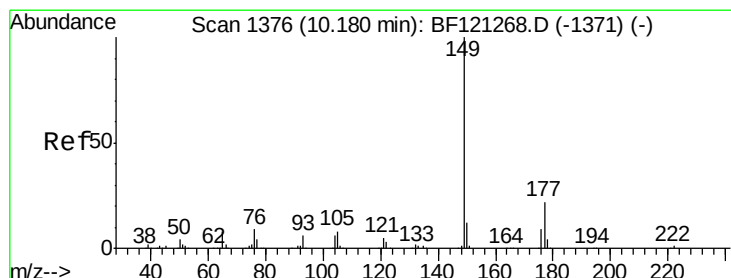
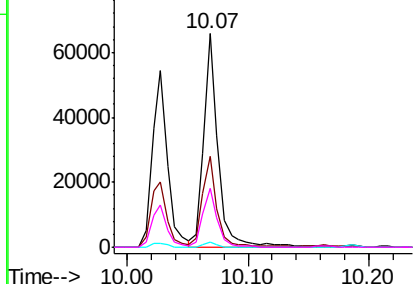
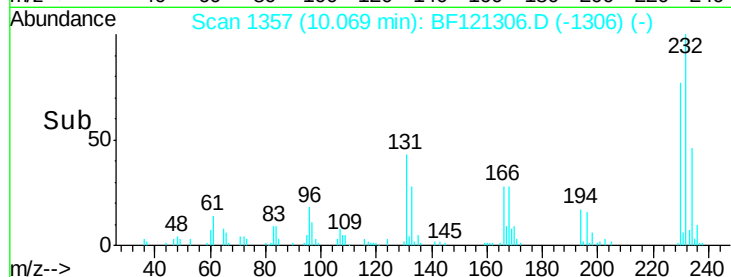
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.767 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF121306.D
 Acq: 17 Aug 2020 13:12

Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

Tot Ion:	232	Resp:	55382
Ion	Ratio	Lower	Upper
232	100		
131	43.1	33.6	50.4
130	1.8	1.4	2.2
166	27.7	22.9	34.3

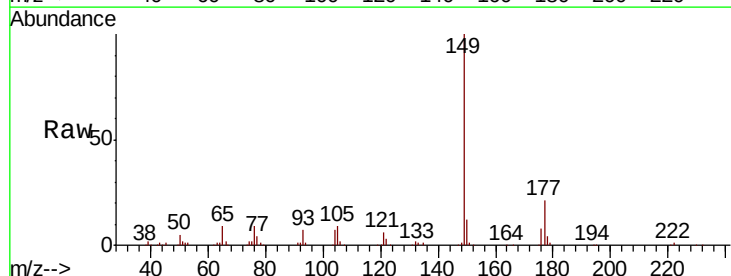


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

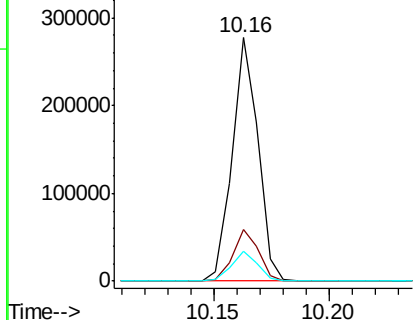
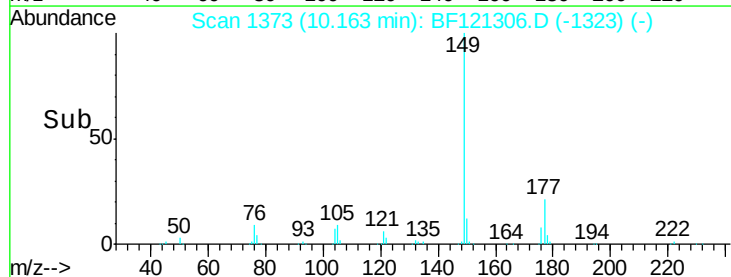


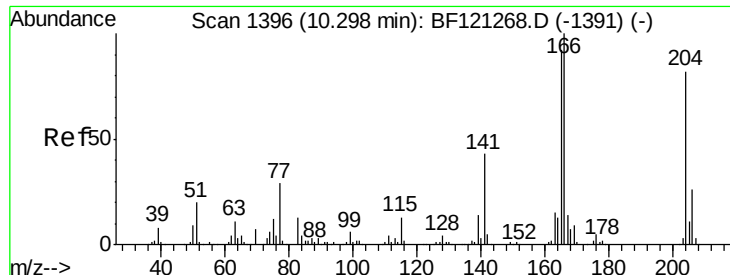
#60
 Diethylphthalate
 Concen: 35.058 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BF121306.D
 Acq: 17 Aug 2020 13:12

Tgt Ion:	149	Resp:	214962
Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.3	25.9
150	12.3	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

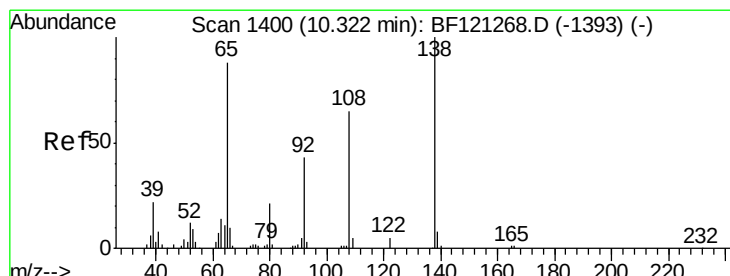
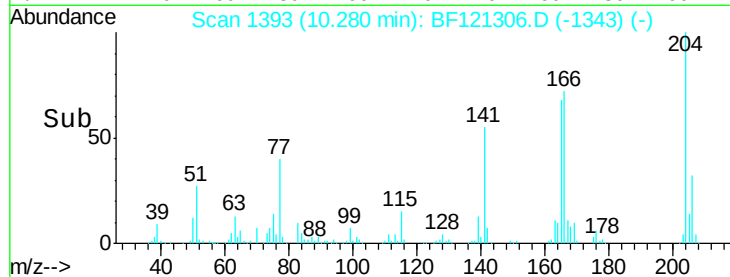
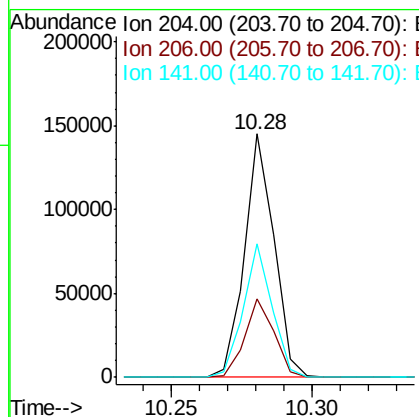
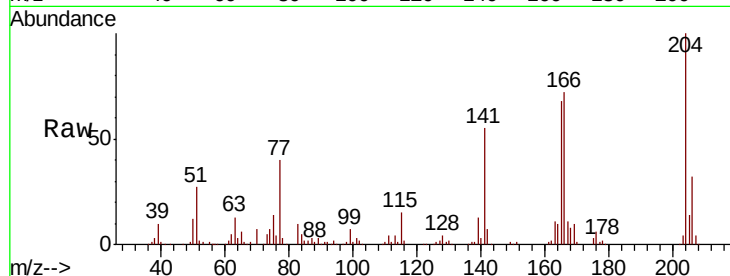




#61
 4-Chlorophenyl-phenylether
 Concen: 35.683 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF121306.D
 Acq: 17 Aug 2020 13:12

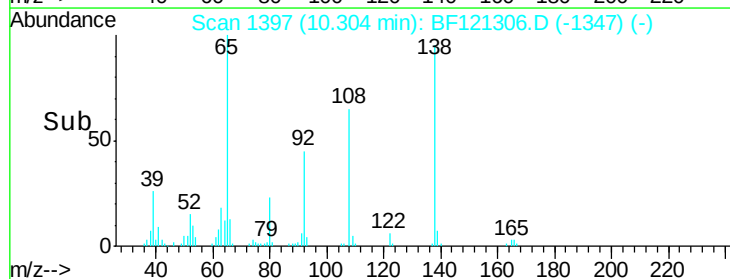
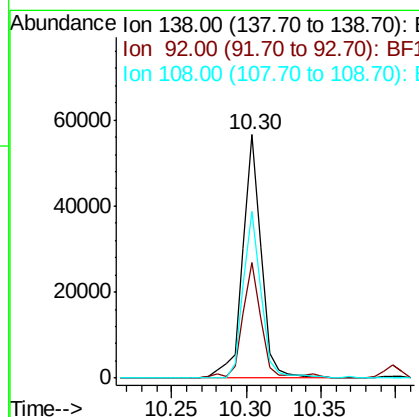
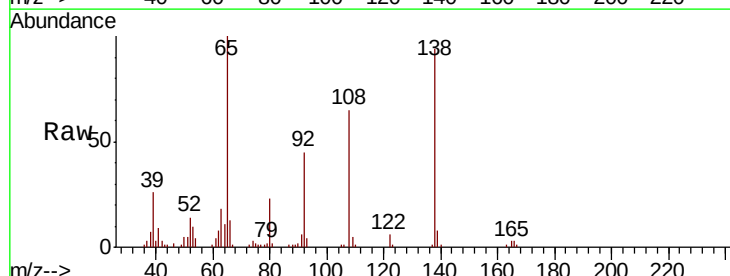
Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

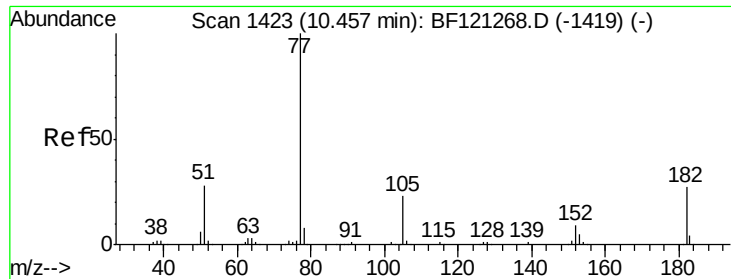
Tot Ion:	204	Resp:	104852
Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.2	39.2
141	54.8	41.7	62.5



#62
 4-Nitroaniline
 Concen: 31.857 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF121306.D
 Acq: 17 Aug 2020 13:12

Tgt Ion:	138	Resp:	49017
Ion	Ratio	Lower	Upper
138	100		
92	47.7	28.2	68.2
108	68.7	50.0	90.0





#63

Azobenzene

Concen: 33.957 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF121306.D

Acq: 17 Aug 2020 13:12

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

Tot Ion: 77 Resp: 208035

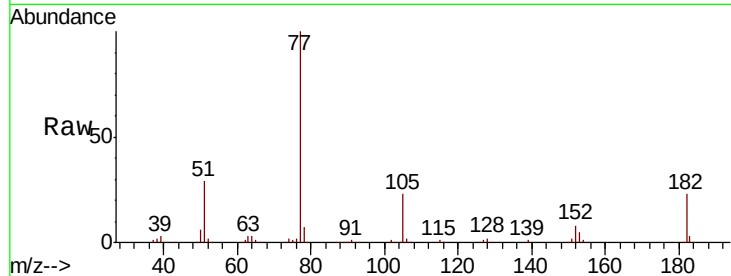
Ion Ratio Lower Upper

77 100

182 22.9 6.7 46.7

105 22.7 3.7 43.7

51 29.3 8.1 48.1

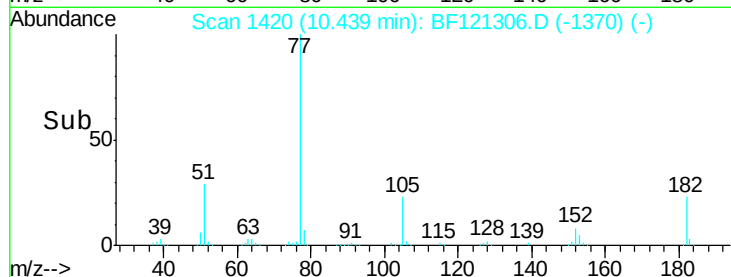


Abundance Ion 77.00 (76.70 to 77.70): BF1

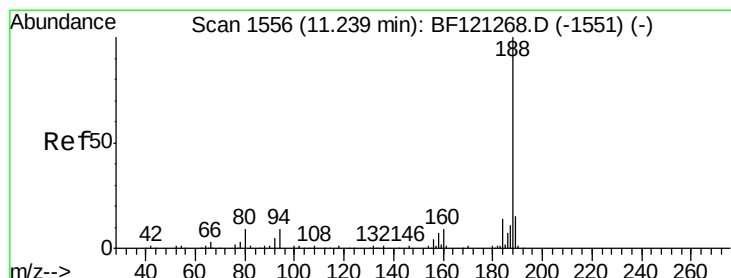
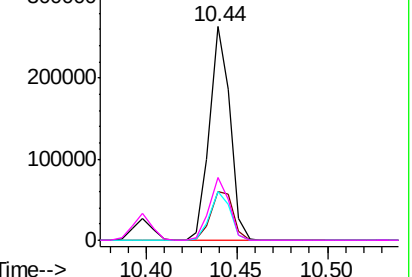
Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BF121306.D

Acq: 17 Aug 2020 13:12

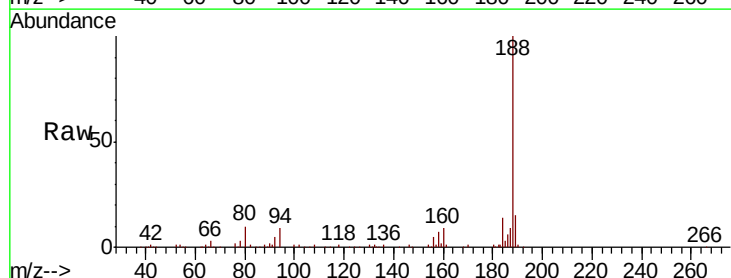
Tgt Ion: 188 Resp: 165466

Ion Ratio Lower Upper

188 100

94 9.1 6.4 9.6

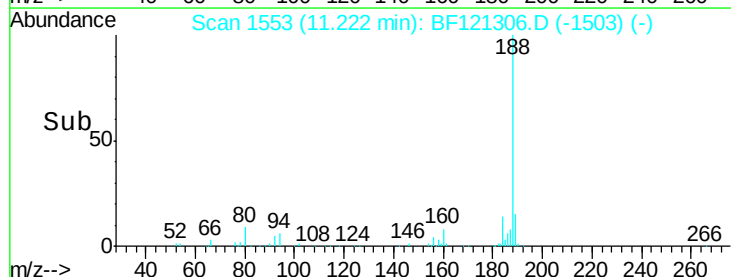
80 9.6 7.0 10.4



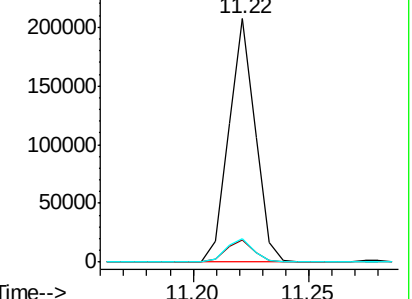
Abundance Ion 188.00 (187.70 to 188.70): BF1

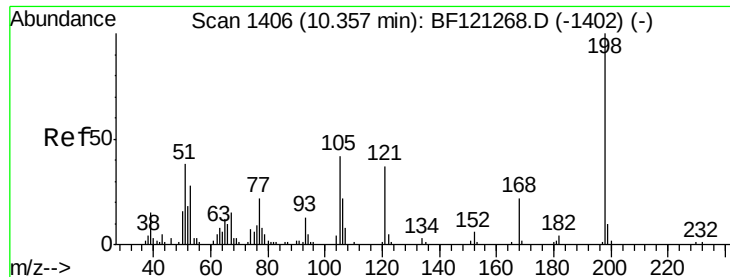
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->

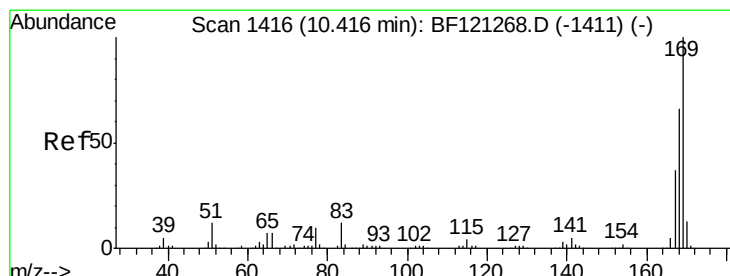
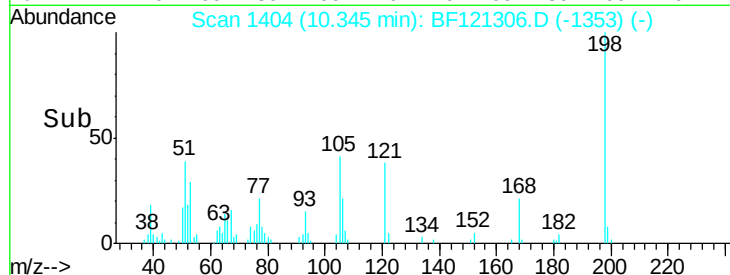
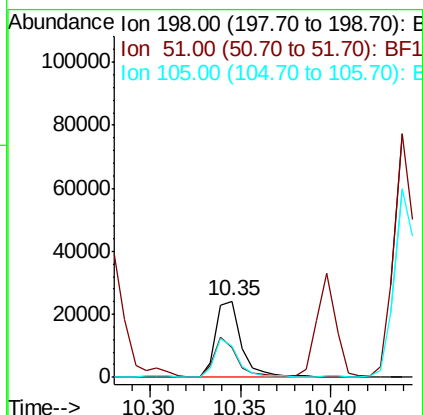
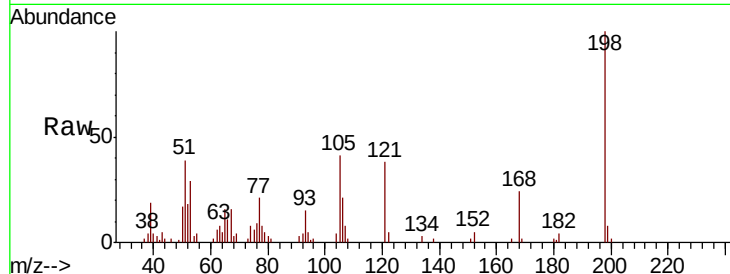




#65
4,6-Dinitro-2-methylphenol
Concen: 26.560 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF121306.D
Acq: 17 Aug 2020 13:12

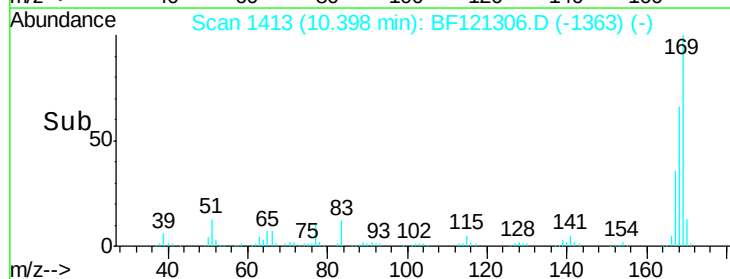
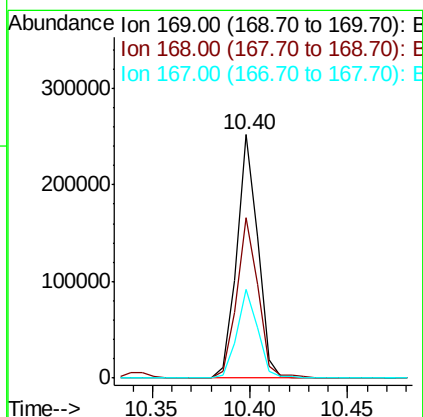
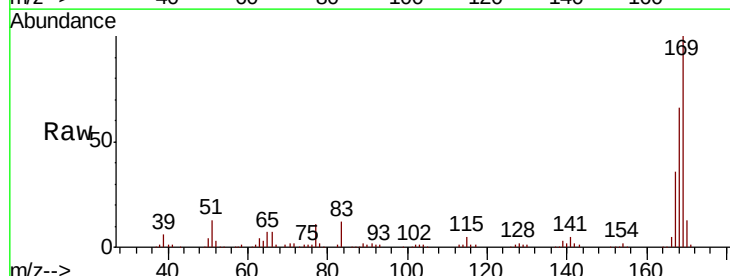
Instrument :
BNA_F
ClientSampleId :
SP1-3MS

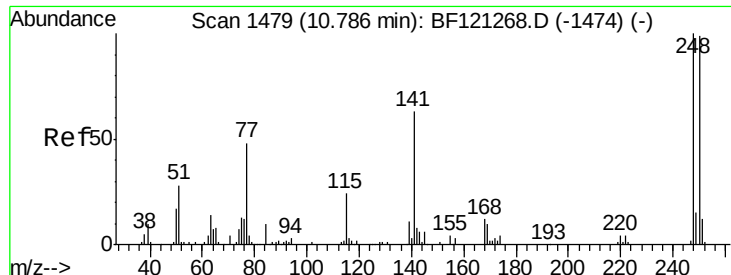
Tot Ion:198 Resp: 24127
Ion Ratio Lower Upper
198 100
51 38.6 29.1 69.1
105 40.8 28.5 68.5



#66
n-Nitrosodiphenylamine
Concen: 33.173 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF121306.D
Acq: 17 Aug 2020 13:12

Tgt Ion:169 Resp: 188213
Ion Ratio Lower Upper
169 100
168 65.7 53.4 80.0
167 36.4 29.3 43.9

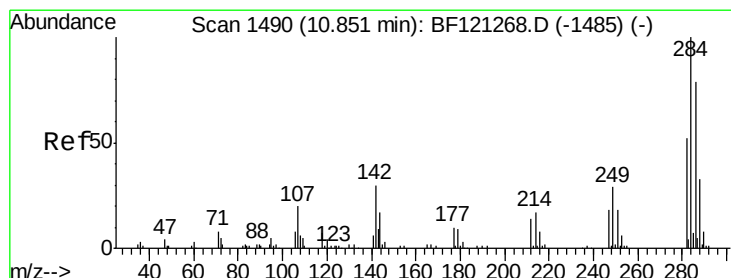
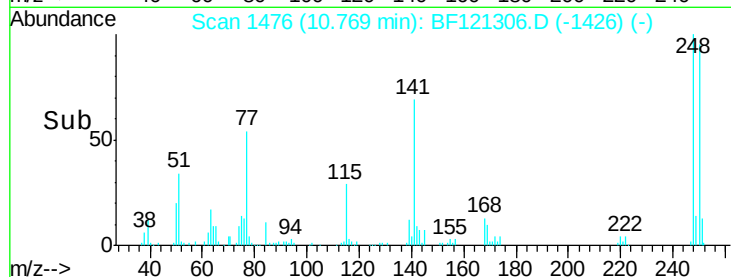
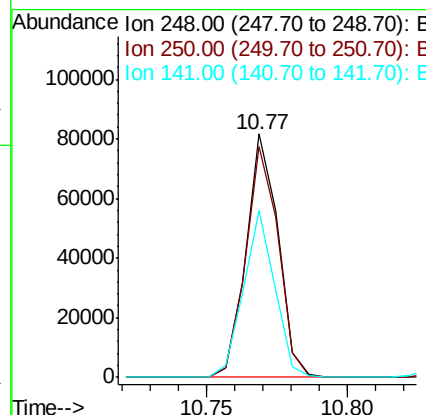
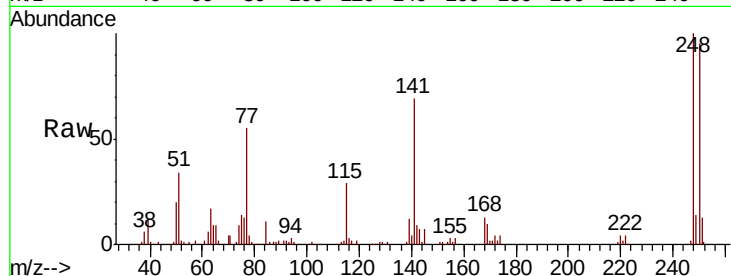




#67
4-Bromophenyl-phenylether
Concen: 33.310 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF121306.D
Acq: 17 Aug 2020 13:12

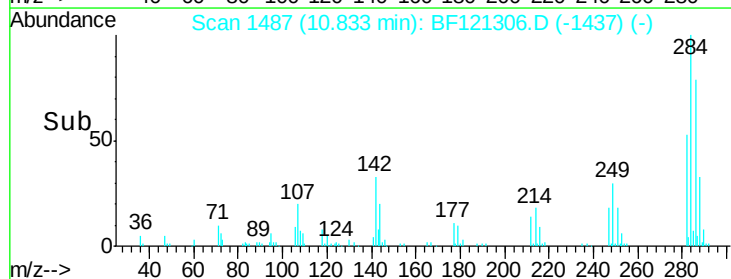
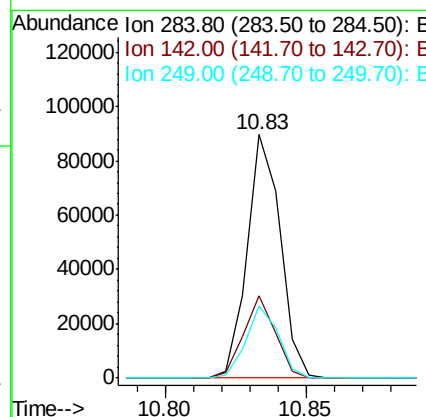
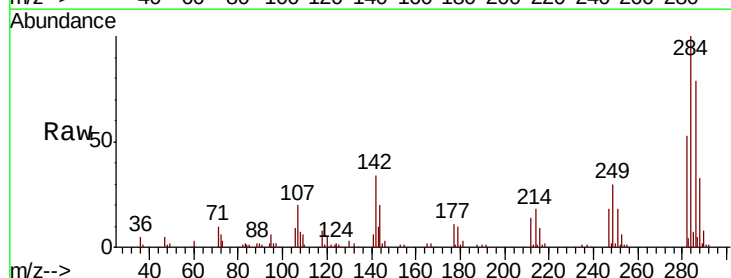
Instrument :
BNA_F
ClientSampled :
SP1-3MS

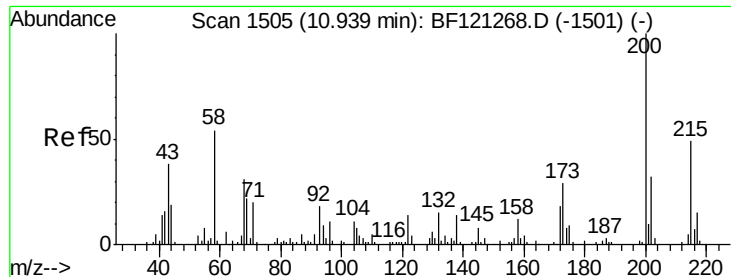
Tot Ion:248 Resp: 64291
Ion Ratio Lower Upper
248 100
250 94.7 77.4 116.0
141 68.7 48.9 73.3



#68
Hexachlorobenzene
Concen: 33.294 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF121306.D
Acq: 17 Aug 2020 13:12

Tgt Ion:284 Resp: 73278
Ion Ratio Lower Upper
284 100
142 33.8 24.6 36.8
249 29.7 23.2 34.8

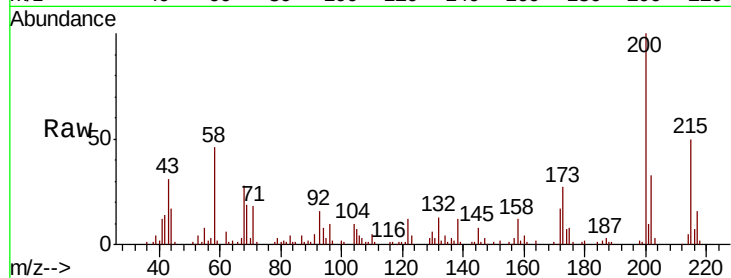




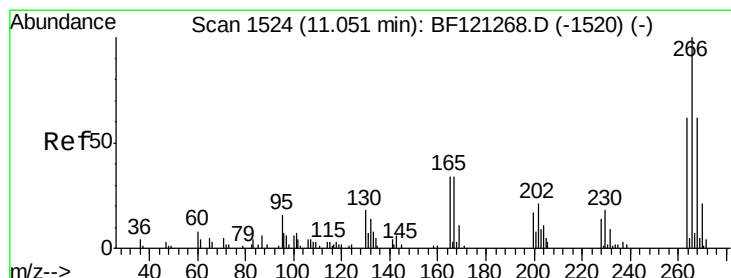
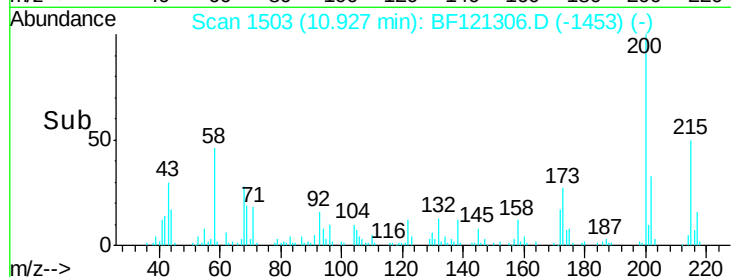
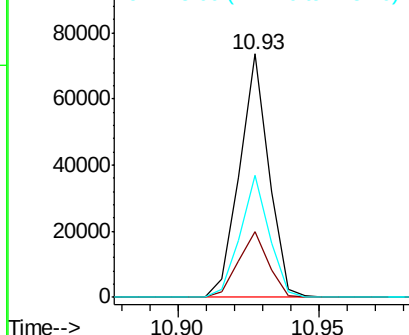
#69
 Atrazine
 Concen: 31.201 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BF121306.D
 Acq: 17 Aug 2020 13:12

Instrument :
 BNA_F
 ClientSampled :
 SP1-3MS

Tot Ion:200 Resp: 52950
 Ion Ratio Lower Upper
 200 100
 173 27.1 7.4 47.4
 215 50.0 29.1 69.1

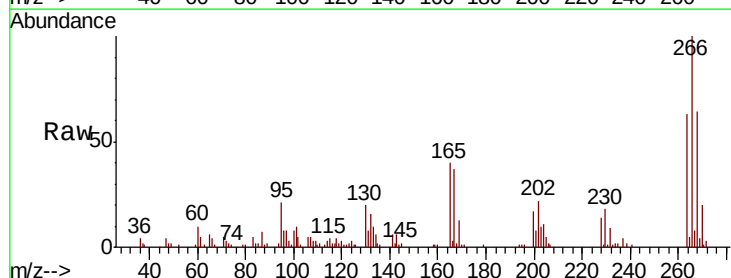


Abundance Ion 200.00 (199.70 to 200.70): E
 100000 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

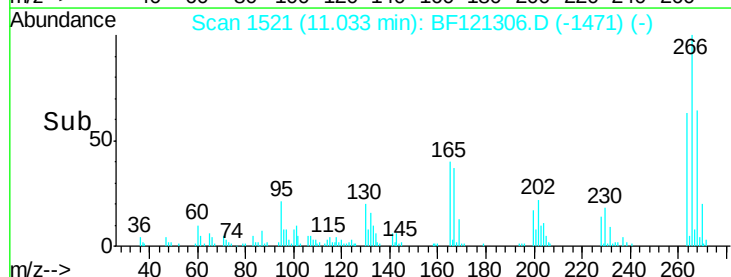
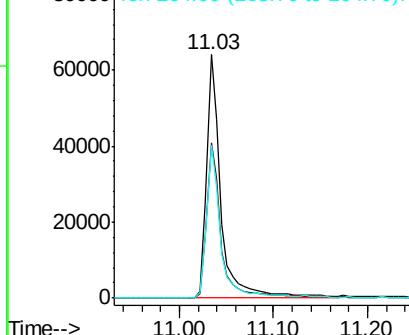


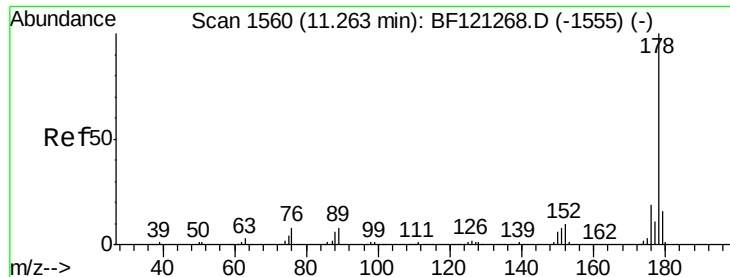
#70
 Pentachlorophenol
 Concen: 71.139 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.01 min
 Lab File: BF121306.D
 Acq: 17 Aug 2020 13:12

Tgt Ion:266 Resp: 68969
 Ion Ratio Lower Upper
 266 100
 268 63.7 53.3 79.9
 264 62.6 49.4 74.0



Abundance Ion 265.70 (265.40 to 266.40): E
 80000 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

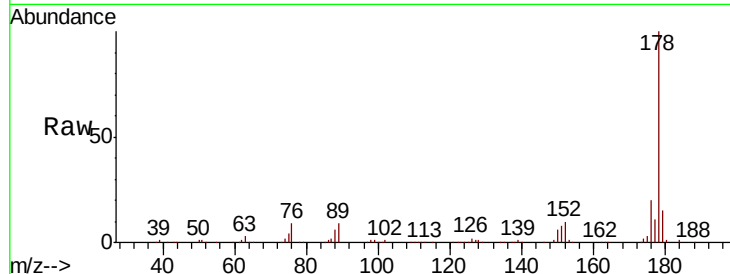




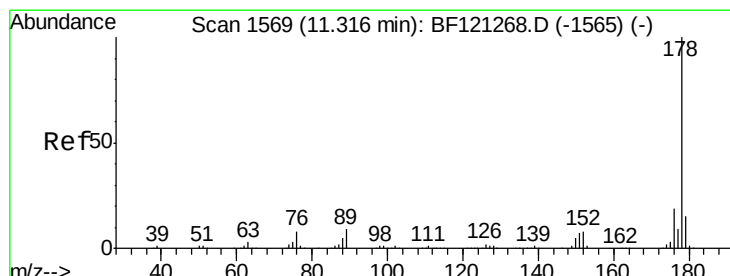
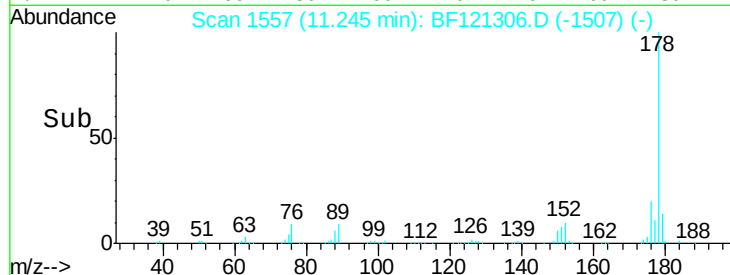
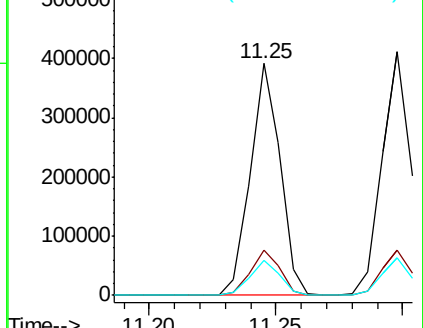
#71
Phenanthrene
Concen: 33.943 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF121306.D
Acq: 17 Aug 2020 13:12

Instrument :
BNA_F
ClientSampleId :
SP1-3MS

Tot Ion:178 Resp: 321310
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.2 12.3 18.5

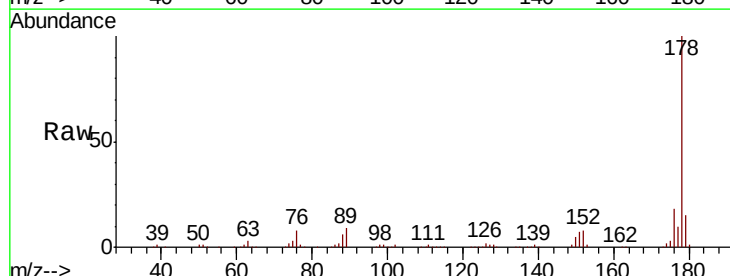


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

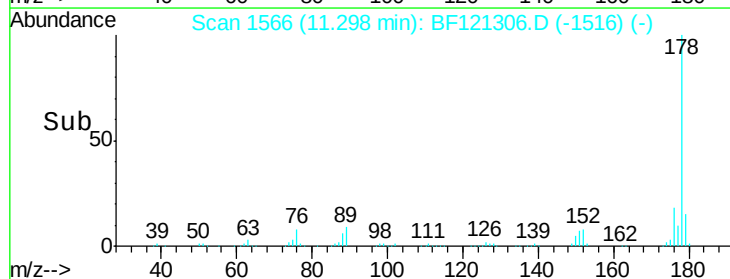
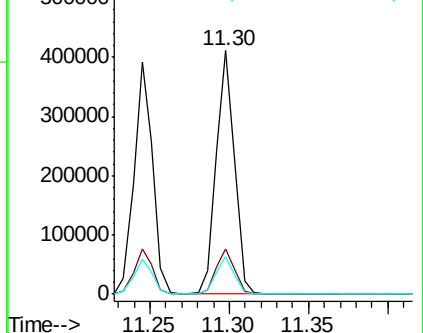


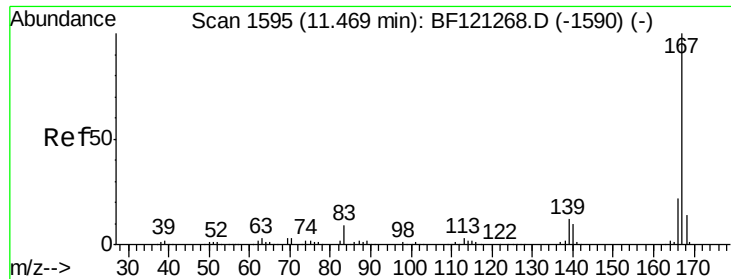
#72
Anthracene
Concen: 34.488 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF121306.D
Acq: 17 Aug 2020 13:12

Tgt Ion:178 Resp: 327615
Ion Ratio Lower Upper
178 100
176 18.4 14.9 22.3
179 15.4 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

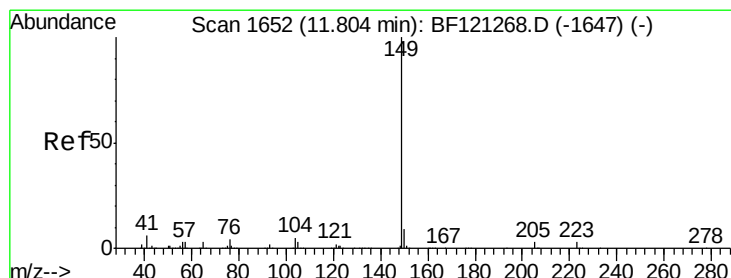
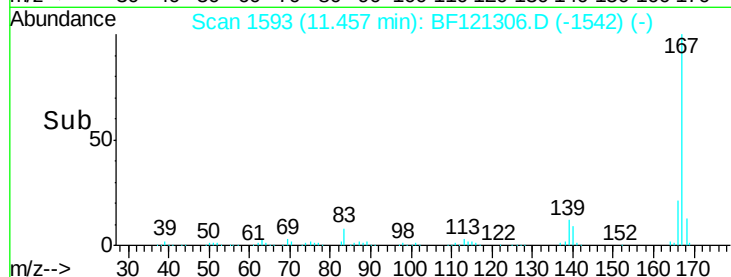
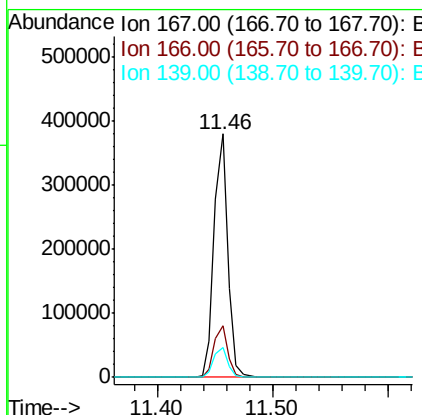
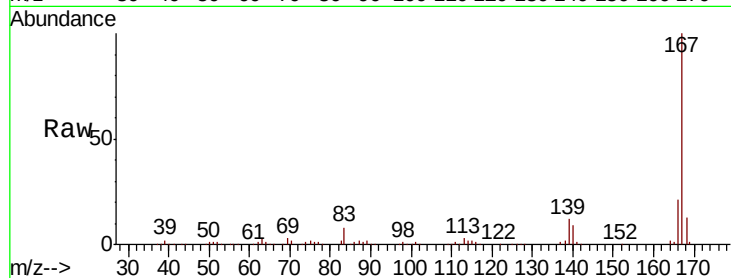




#73
 Carbazole
 Concen: 33.751 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.00 min
 Lab File: BF121306.D
 Acq: 17 Aug 2020 13:12

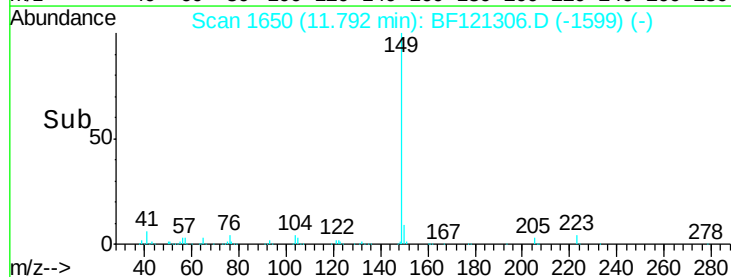
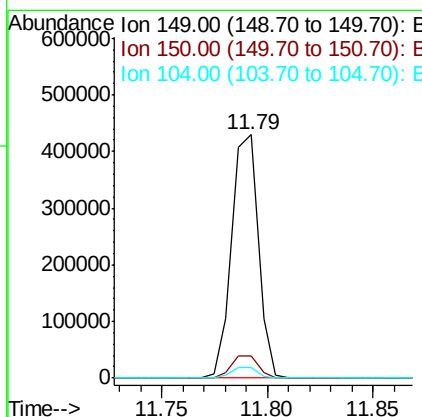
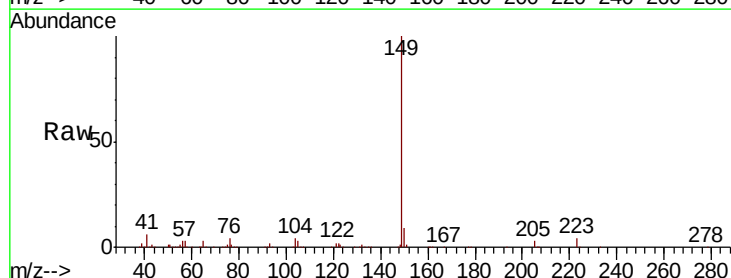
Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

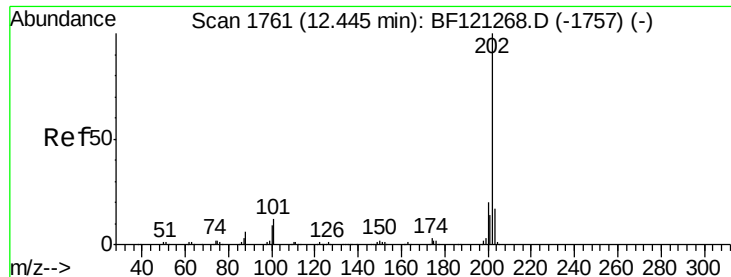
Tot Ion:167 Resp: 313554
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.4 26.2
 139 12.3 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 35.746 ng
 RT: 11.79 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BF121306.D
 Acq: 17 Aug 2020 13:12

Tgt Ion:149 Resp: 374846
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 4.4 3.6 5.4





#75

Fluoranthene

Concen: 36.343 ng

RT: 12.43 min Scan# 1759

Delta R.T. 0.00 min

Lab File: BF121306.D

Acq: 17 Aug 2020 13:12

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

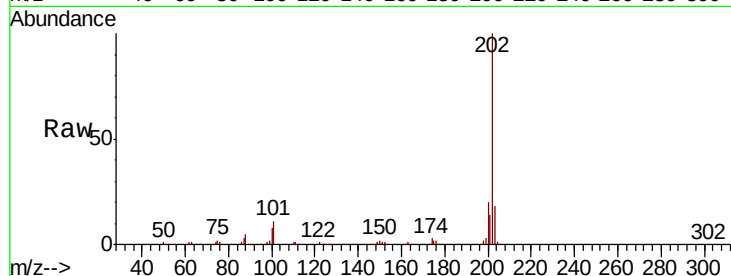
Tot Ion:202 Resp: 383075

Ion Ratio Lower Upper

202 100

101 11.0 0.0 32.2

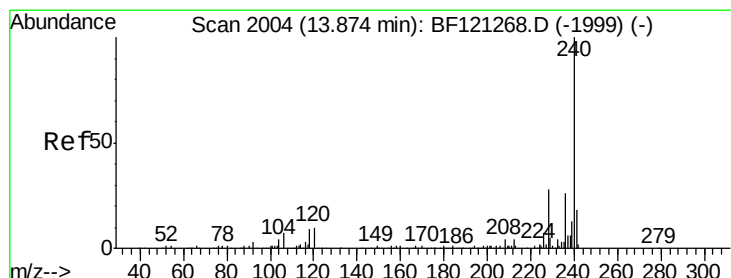
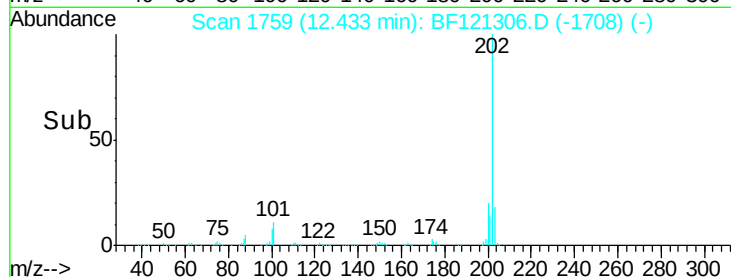
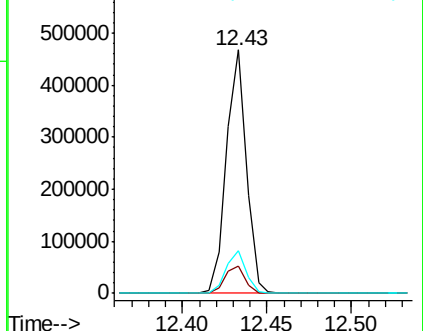
203 17.7 0.0 38.2



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# 2001

Delta R.T. -0.01 min

Lab File: BF121306.D

Acq: 17 Aug 2020 13:12

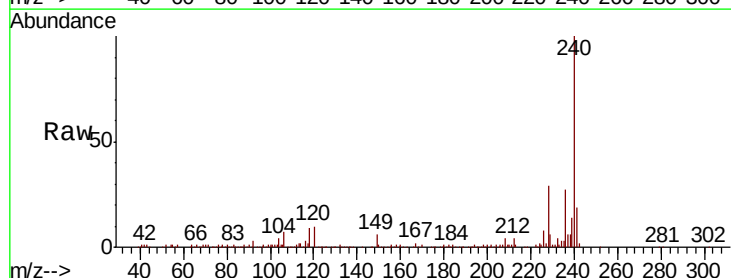
Tgt Ion:240 Resp: 161367

Ion Ratio Lower Upper

240 100

120 10.0 8.3 12.5

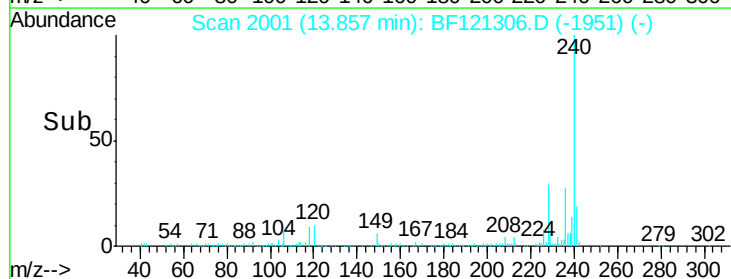
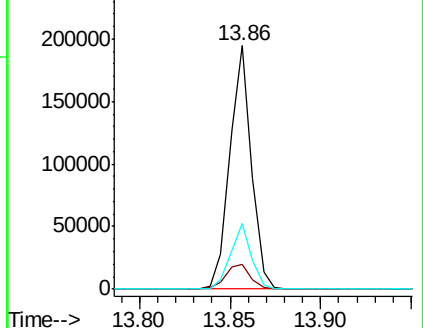
236 26.9 21.2 31.8

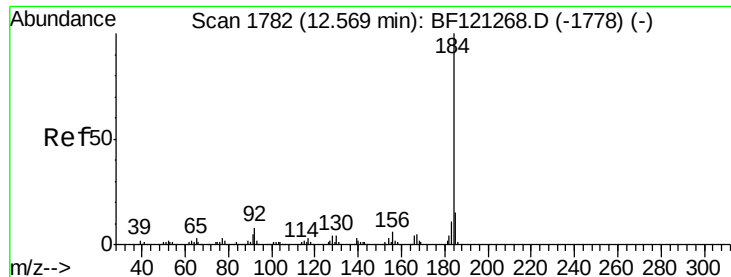


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.984 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF121306.D

Acq: 17 Aug 2020 13:12

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

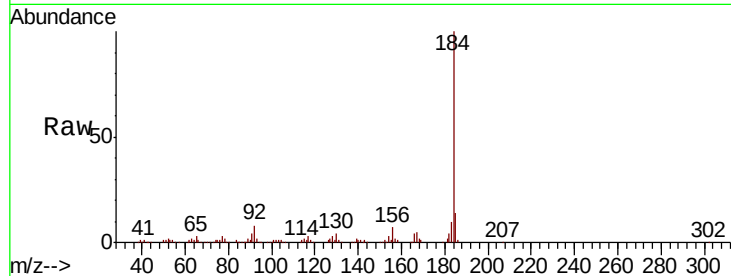
Tot Ion:184 Resp: 144164

Ion Ratio Lower Upper

184 100

185 14.3 11.1 16.7

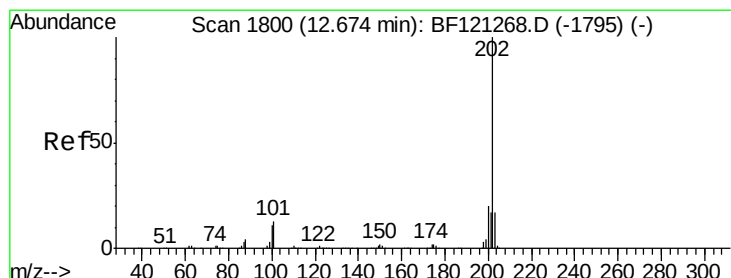
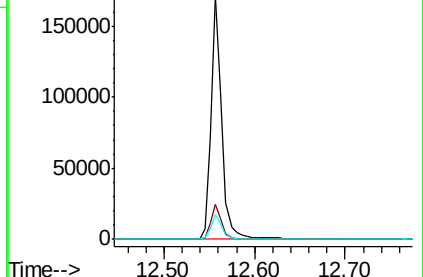
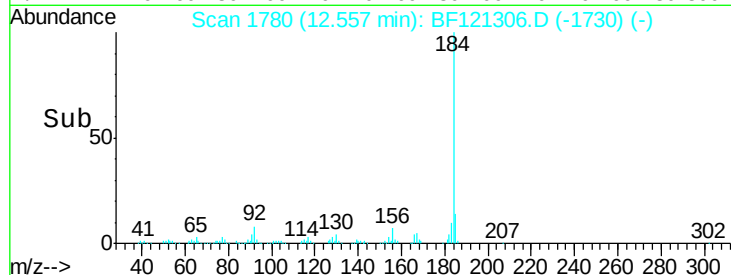
183 10.3 8.6 13.0



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: 32.956 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF121306.D

Acq: 17 Aug 2020 13:12

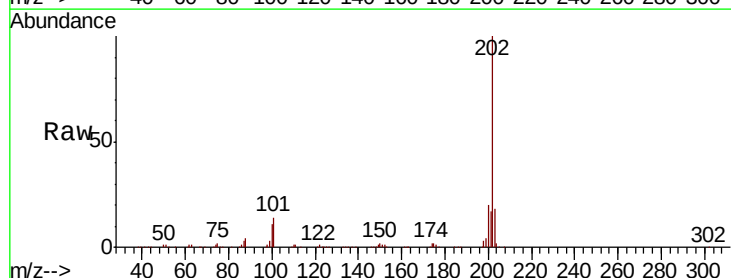
Tgt Ion:202 Resp: 396023

Ion Ratio Lower Upper

202 100

200 20.0 16.4 24.6

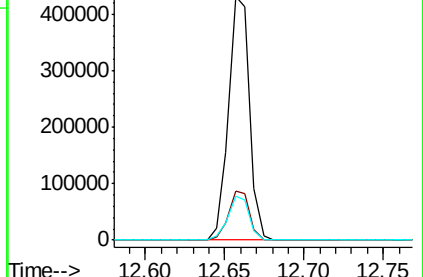
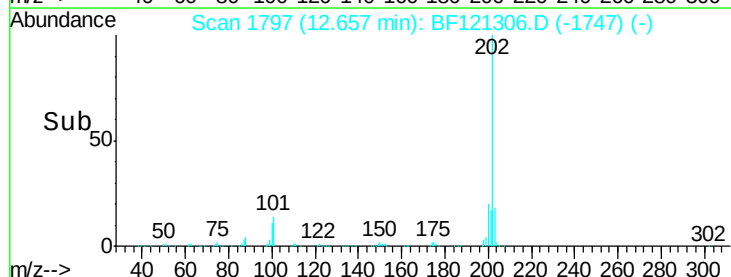
203 17.8 14.2 21.4

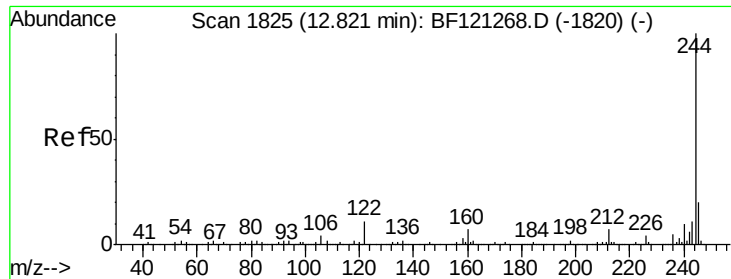


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

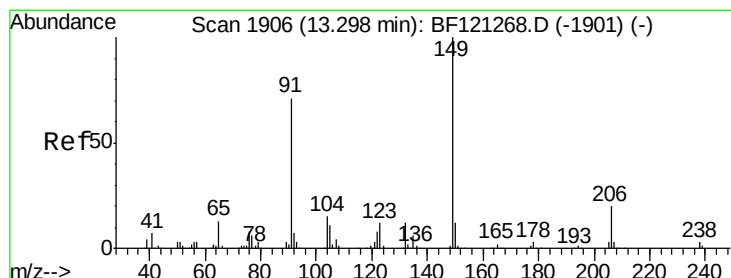
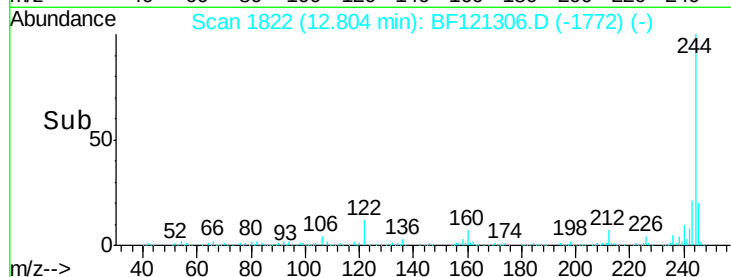
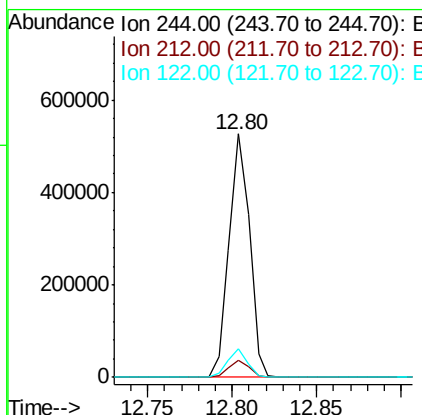
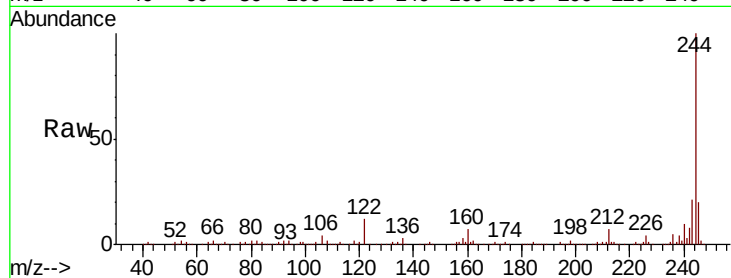




#79
 Terphenyl-d14
 Concen: 53.712 ng
 RT: 12.80 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BF121306.D
 Acq: 17 Aug 2020 13:12

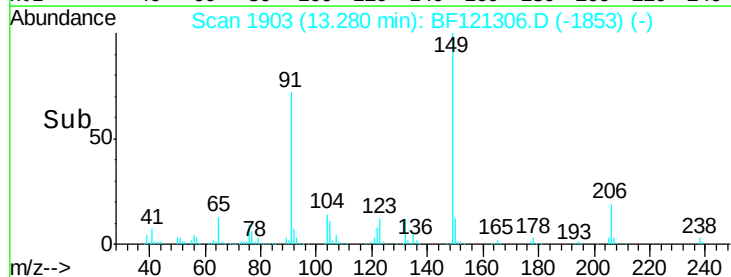
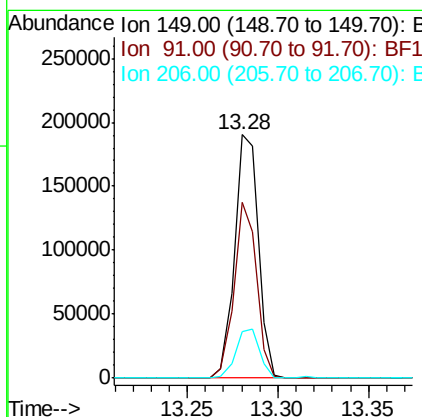
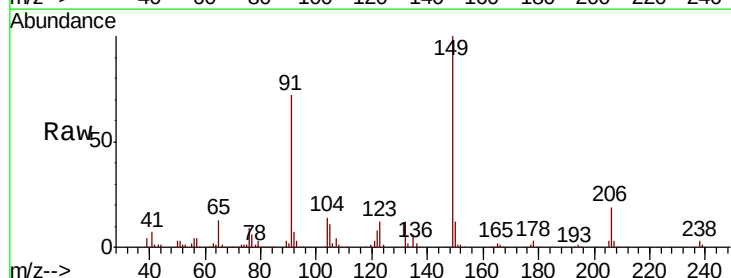
Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

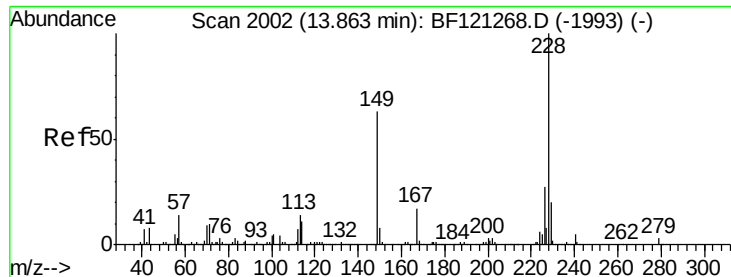
Tot Ion:244 Resp: 444632
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.5 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 35.477 ng
 RT: 13.28 min Scan# 1903
 Delta R.T. -0.01 min
 Lab File: BF121306.D
 Acq: 17 Aug 2020 13:12

Tgt Ion:149 Resp: 174138
 Ion Ratio Lower Upper
 149 100
 91 72.2 53.0 79.4
 206 19.3 16.7 25.1





#81

Benzo(a)anthracene

Concen: 34.033 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF121306.D

Acq: 17 Aug 2020 13:12

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

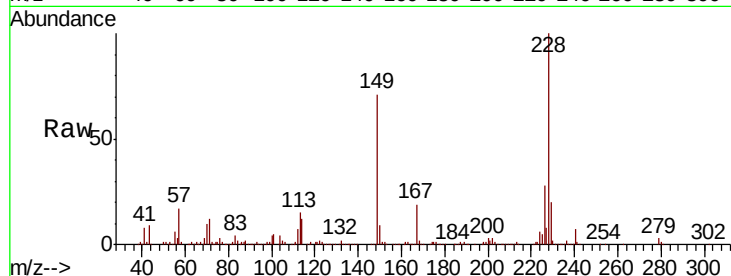
Tot Ion:228 Resp: 372481

Ion Ratio Lower Upper

228 100

226 28.0 22.0 33.0

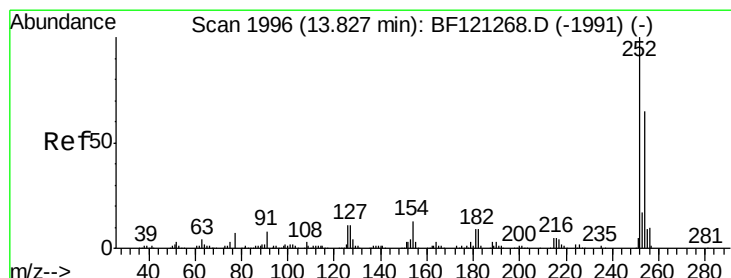
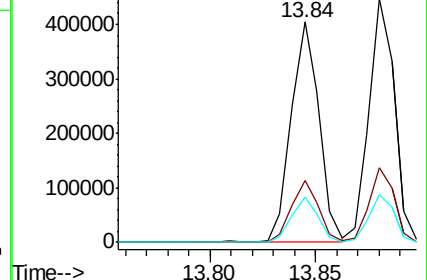
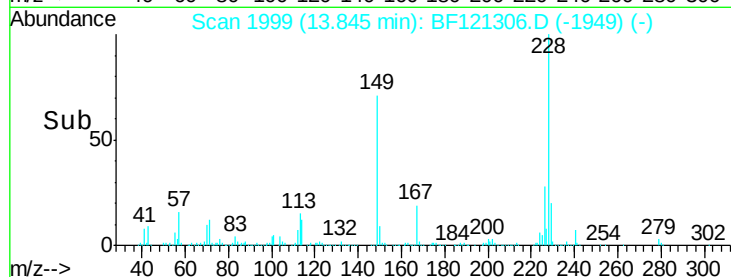
229 20.3 15.8 23.6



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: 24.398 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF121306.D

Acq: 17 Aug 2020 13:12

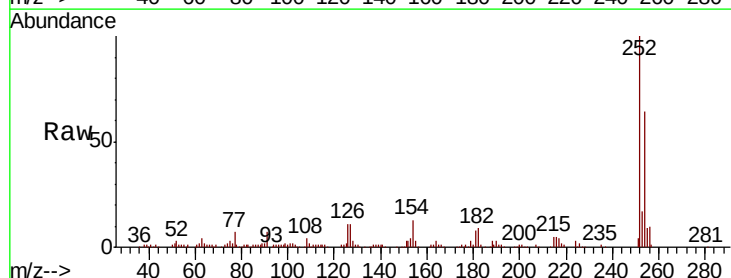
Tgt Ion:252 Resp: 105944

Ion Ratio Lower Upper

252 100

254 63.9 52.2 78.2

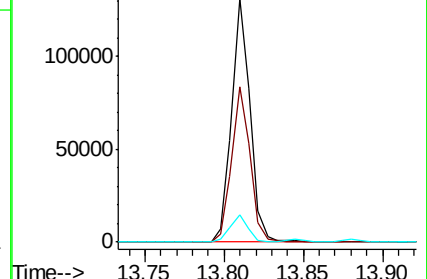
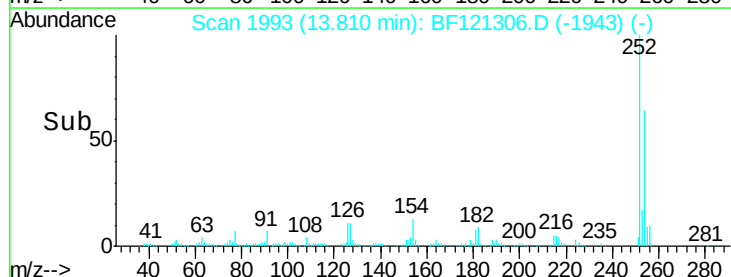
126 11.4 9.1 13.7

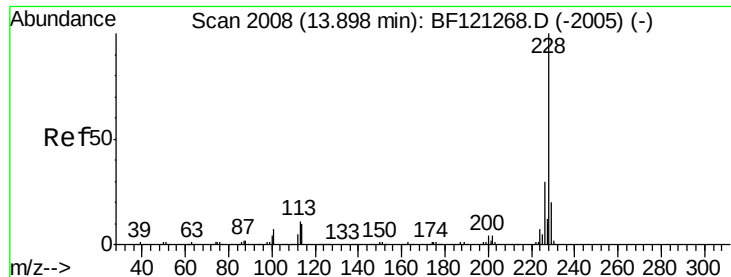


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 33.760 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF121306.D

Acq: 17 Aug 2020 13:12

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

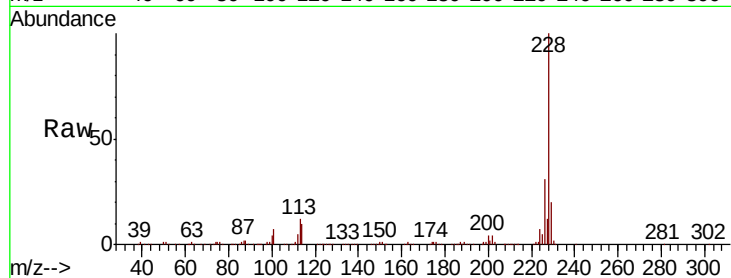
Tot Ion:228 Resp: 377253

Ion Ratio Lower Upper

228 100

226 30.7 25.3 37.9

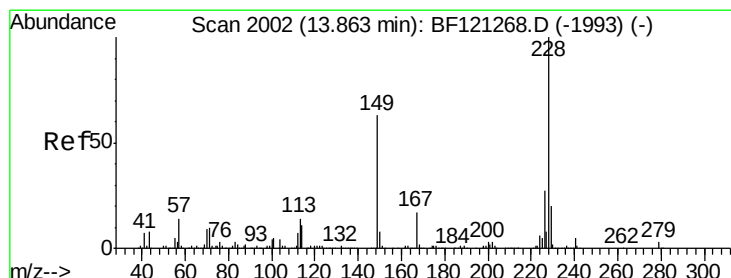
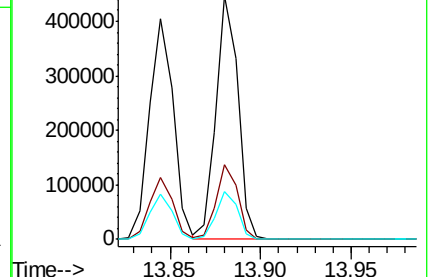
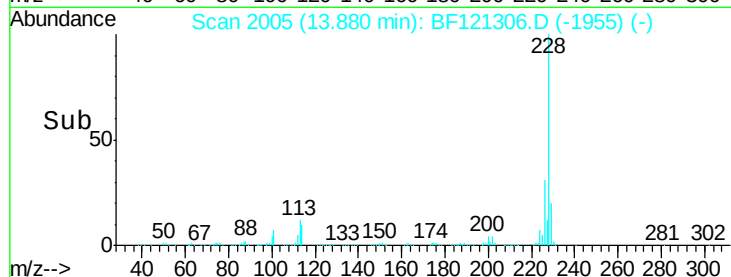
229 19.6 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.780 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF121306.D

Acq: 17 Aug 2020 13:12

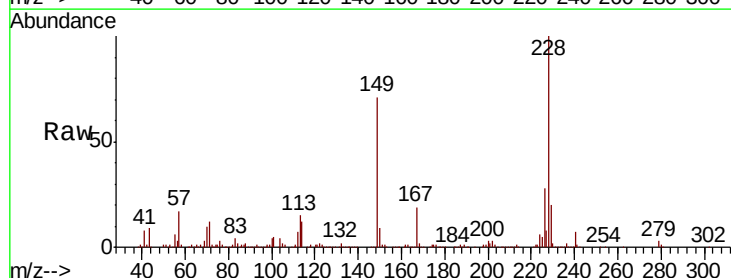
Tgt Ion:149 Resp: 242067

Ion Ratio Lower Upper

149 100

167 27.2 21.5 32.3

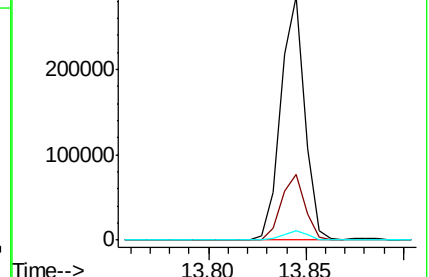
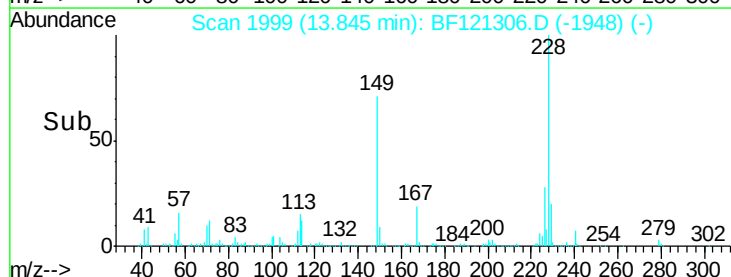
279 4.1 2.9 4.3

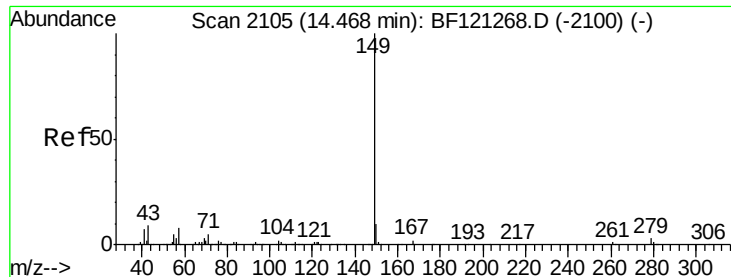


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

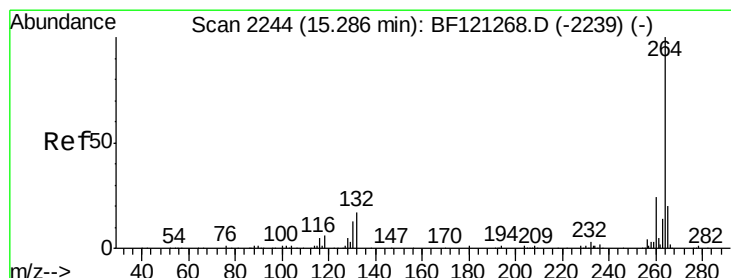
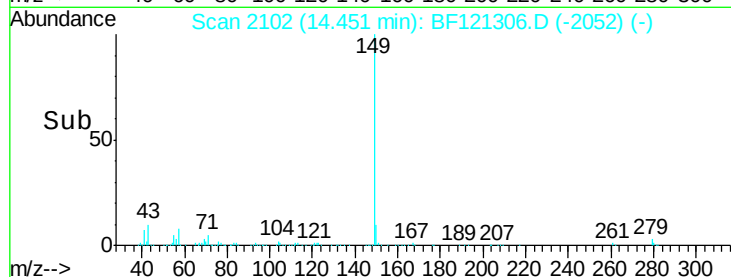
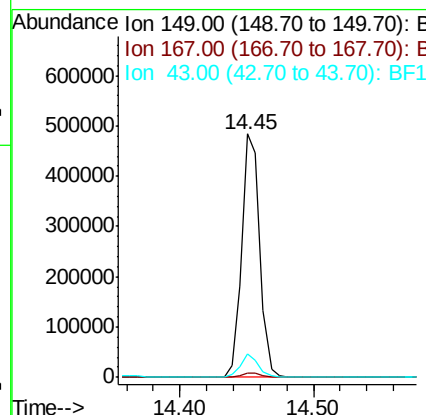
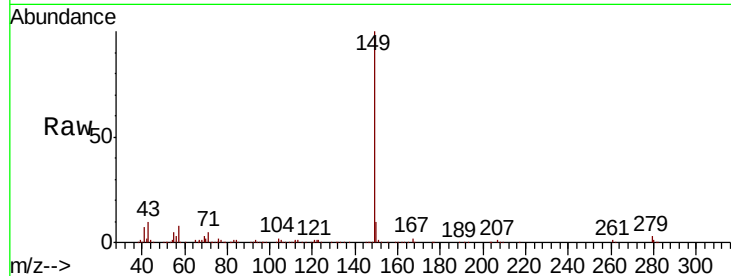




#85
Di-n-octyl phthalate
Concen: 36.913 ng
RT: 14.45 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BF121306.D
Acq: 17 Aug 2020 13:12

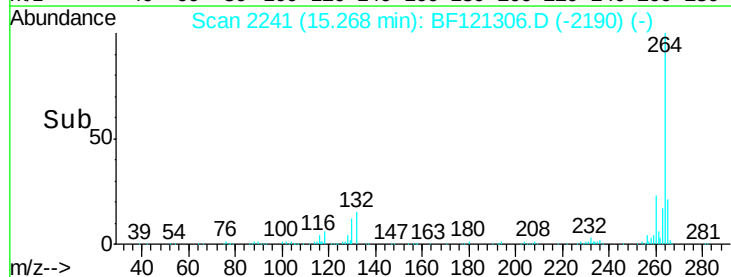
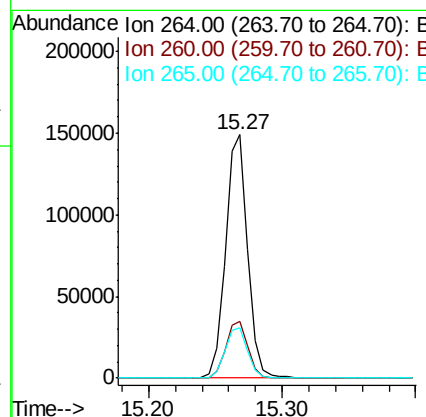
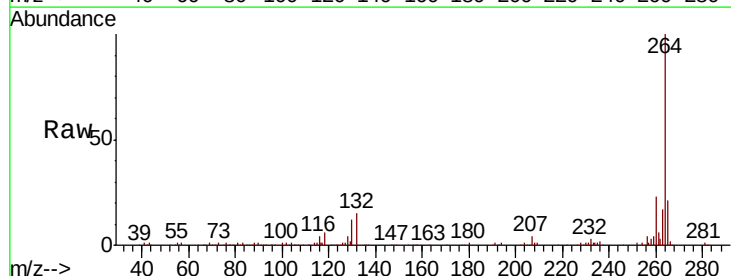
Instrument :
BNA_F
ClientSampleId :
SP1-3MS

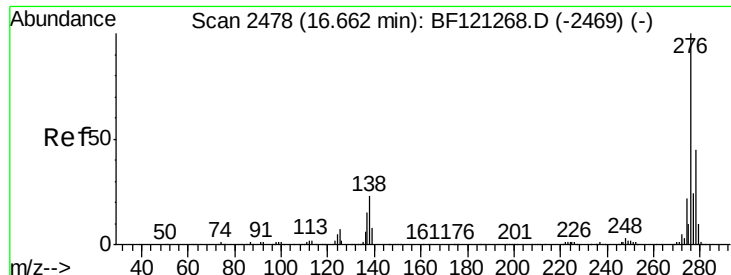
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.7	7.2	10.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BF121306.D
Acq: 17 Aug 2020 13:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	20.7	17.1	25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 33.276 ng

RT: 16.63 min Scan# 2472

Delta R.T. -0.02 min

Lab File: BF121306.D

Acq: 17 Aug 2020 13:12

Instrument :

BNA_F

ClientSampled :

SP1-3MS

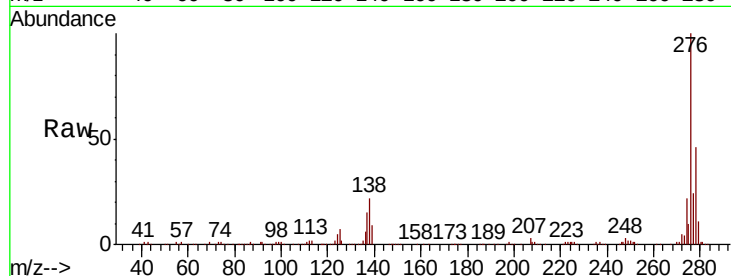
Tot Ion:276 Resp: 427501

Ion Ratio Lower Upper

276 100

138 24.1 19.6 29.4

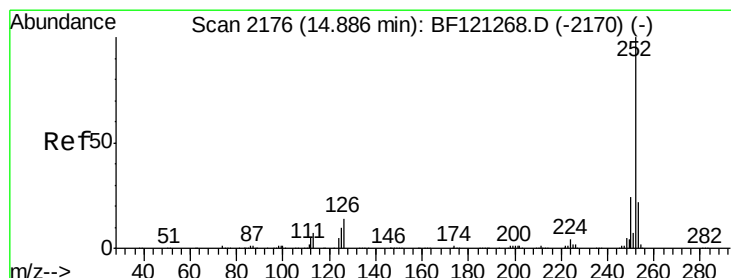
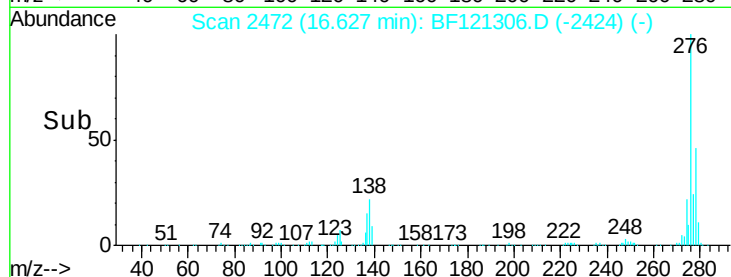
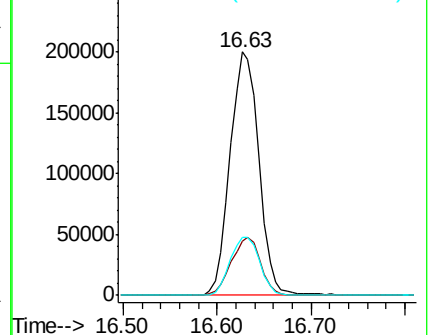
277 24.6 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 33.890 ng

RT: 14.87 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BF121306.D

Acq: 17 Aug 2020 13:12

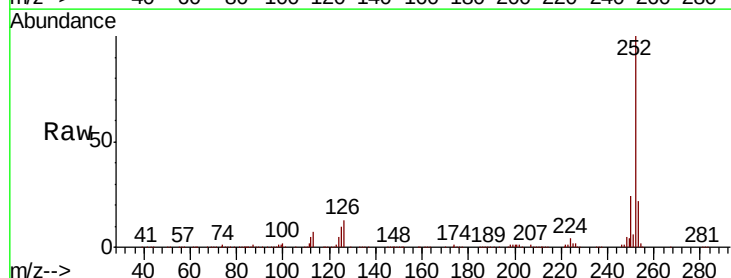
Tgt Ion:252 Resp: 392381

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

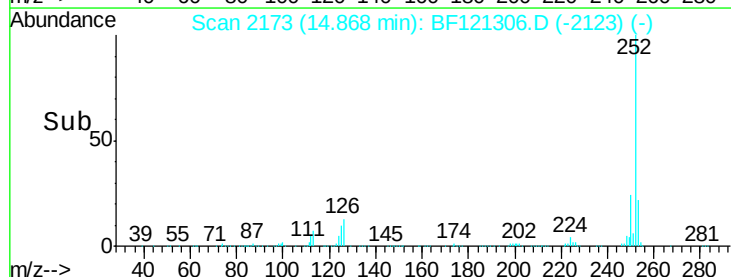
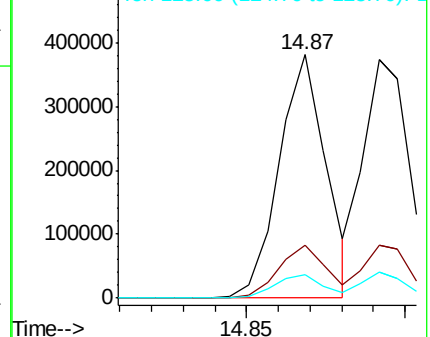
125 9.7 7.5 11.3

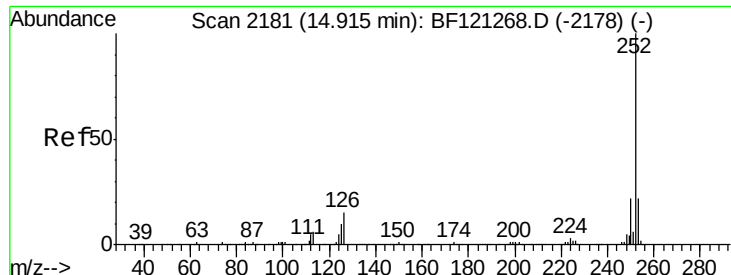


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

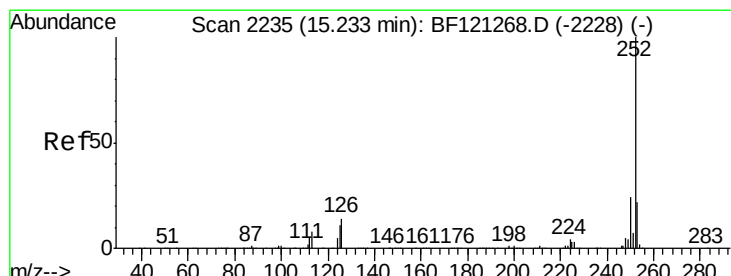
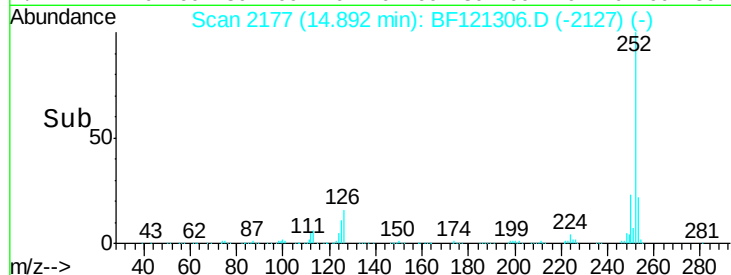
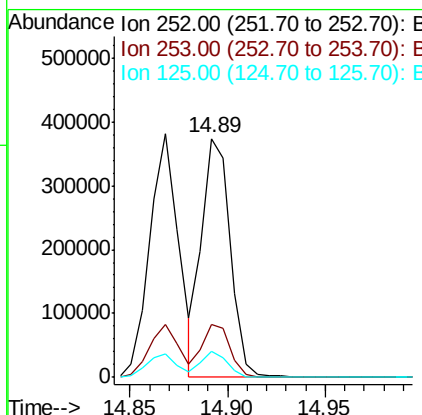
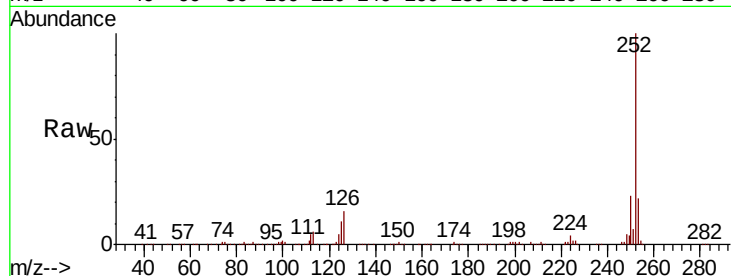




#89
Benzo(k)fluoranthene
Concen: 35.262 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BF121306.D
Acq: 17 Aug 2020 13:12

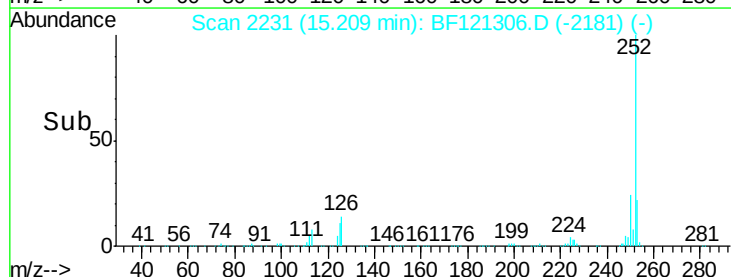
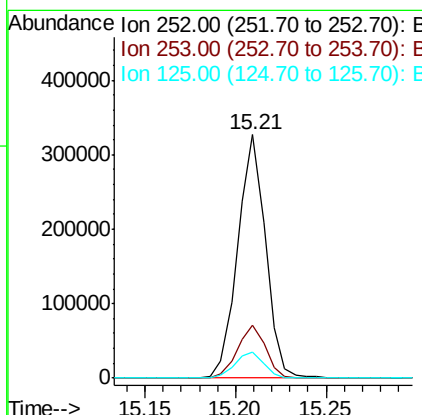
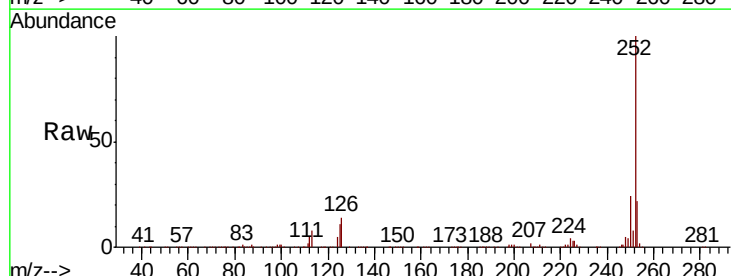
Instrument :
BNA_F
ClientSampled :
SP1-3MS

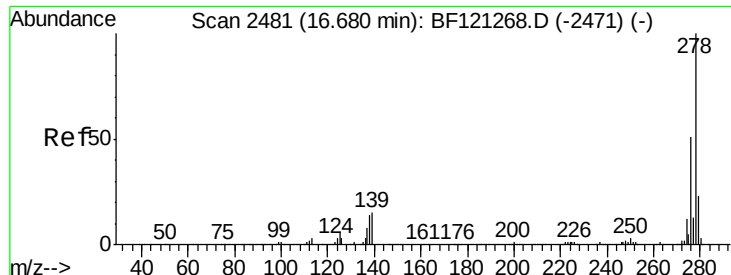
Tot Ion:252 Resp: 379119
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 10.8 8.2 12.4



#90
Benzo(a)pyrene
Concen: 33.428 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF121306.D
Acq: 17 Aug 2020 13:12

Tgt Ion:252 Resp: 349324
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 10.9 8.7 13.1

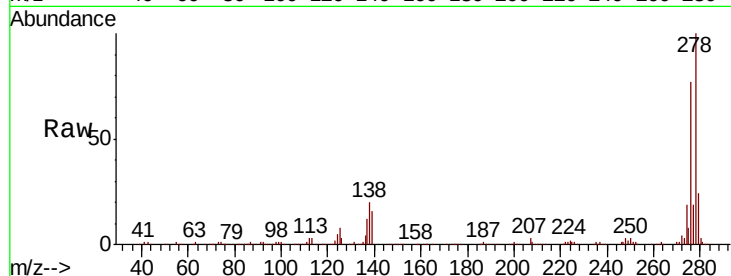




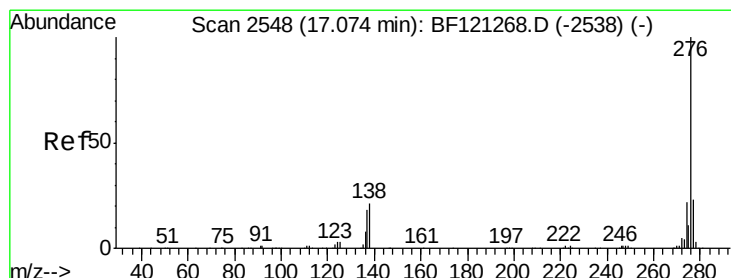
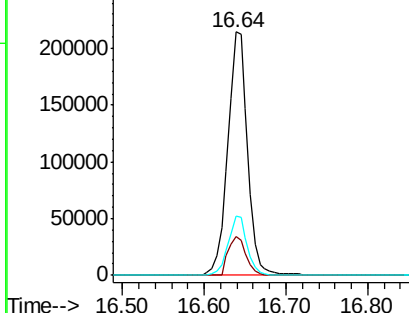
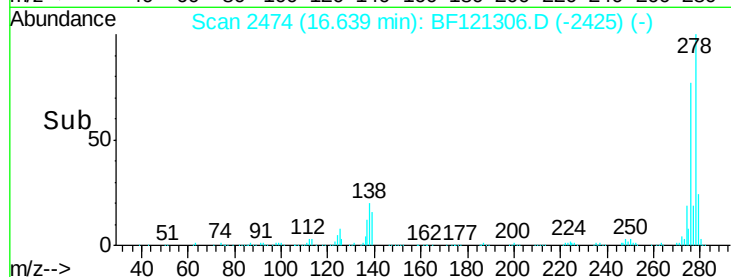
#91
Dibenzo(a,h)anthracene
Concen: 32.841 ng
RT: 16.64 min Scan# 2474
Delta R.T. -0.01 min
Lab File: BF121306.D
Acq: 17 Aug 2020 13:12

Instrument :
BNA_F
ClientSampleId :
SP1-3MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.1	19.7
279	24.4	18.6	27.8

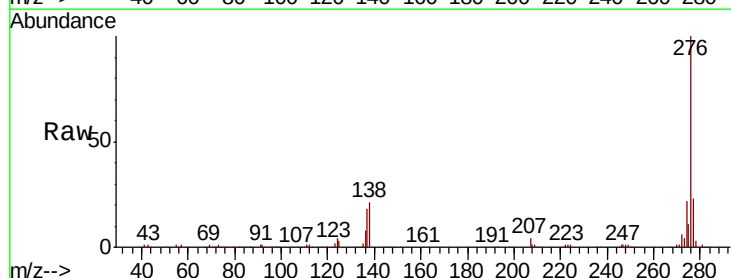


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 32.227 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.01 min
Lab File: BF121306.D
Acq: 17 Aug 2020 13:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.1	28.7
138	21.4	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

