

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120877.D
 Acq On : 16 Jul 2020 10:14
 Operator : JU/CG
 Sample : SSTDICC005
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Quant Time: Jul 16 12:21:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 12:11:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	142441	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	561423	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	295856	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	572283	20.00	ng	0.00
76) Chrysene-d12	13.97	240	501320	20.00	ng	0.00
86) Perylene-d12	15.42	264	528292	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	98575	10.68	ng	-0.01
7) Phenol-d6	6.43	99	127254	10.80	ng	-0.02
23) Nitrobenzene-d5	7.37	82	99986	10.32	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	31795	10.70	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	225947	11.55	ng	0.00
79) Terphenyl-d14	12.92	244	269059	10.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	21694	5.147	ng	98
3) Pyridine	3.27	79	52103	4.513	ng	97
4) n-Nitrosodimethylamine	3.18	42	23685	4.101	ng	# 92
6) Aniline	6.47	93	77695	5.134	ng	100
8) 2-Chlorophenol	6.59	128	52144	5.308	ng	97
9) Benzaldehyde	6.36	77	33240	4.743	ng	96
10) Phenol	6.45	94	65571	5.409	ng	98
11) bis(2-Chloroethyl)ether	6.55	93	51550	5.226	ng	99
12) 1,3-Dichlorobenzene	6.75	146	58570	5.416	ng	98
13) 1,4-Dichlorobenzene	6.83	146	58526	5.404	ng	97
14) 1,2-Dichlorobenzene	6.98	146	56107	5.445	ng	97
15) Benzyl Alcohol	6.95	79	44519	5.028	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	75645	4.916	ng	98
17) 2-Methylphenol	7.06	107	45980	5.232	ng	98
18) Hexachloroethane	7.33	117	19607	4.817	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	37304	5.258	ng	94
20) 3+4-Methylphenols	7.21	107	59934	5.537	ng	# 88
22) Acetophenone	7.22	105	74086	5.309	ng	# 96
24) Nitrobenzene	7.39	77	54055	4.968	ng	95
25) Isophorone	7.63	82	101759	4.869	ng	95
26) 2-Nitrophenol	7.71	139	21050	5.293	ng	92
27) 2,4-Dimethylphenol	7.75	122	41171	4.935	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	62552	5.058	ng	97
29) 2,4-Dichlorophenol	7.95	162	42084	5.053	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	48778	5.215	ng	97
31) Naphthalene	8.12	128	162482	5.415	ng	99
32) Benzoic acid	7.80	122	22604	5.007	ng	94
33) 4-Chloroaniline	8.16	127	66319	5.209	ng	99
34) Hexachlorobutadiene	8.24	225	29275	5.204	ng	99
35) Caprolactam	8.49	113	12880	5.308	ng	95
36) 4-Chloro-3-methylphenol	8.64	107	43688	5.043	ng	100
37) 2-Methylnaphthalene	8.81	142	102162	5.238	ng	99
38) 1-Methylnaphthalene	8.91	142	96284	5.270	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	46132	5.159	ng	99

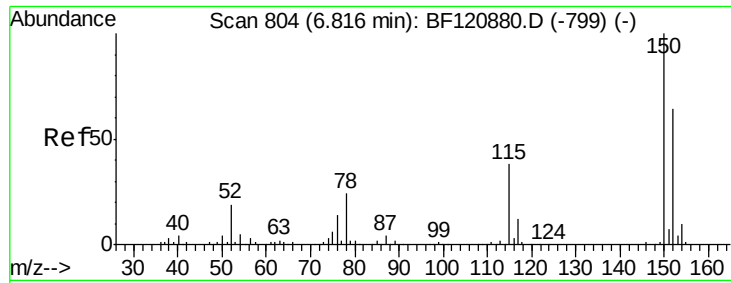
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120877.D
 Acq On : 16 Jul 2020 10:14
 Operator : JU/CG
 Sample : SSTDICC005
 Misc :
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	20775	3.932	ng	93
43) 2,4,6-Trichlorophenol	9.09	196	29491	4.840	ng	93
44) 2,4,5-Trichlorophenol	9.12	196	34554	5.110	ng	98
46) 1,1'-Biphenyl	9.27	154	125900	5.276	ng	99
47) 2-Chloronaphthalene	9.29	162	99685	5.214	ng	98
48) 2-Nitroaniline	9.39	65	25749	5.034	ng	93
49) Acenaphthylene	9.71	152	158224	5.279	ng	98
50) Dimethylphthalate	9.57	163	116563	5.401	ng	99
51) 2,6-Dinitrotoluene	9.63	165	21681	5.561	ng	96
52) Acenaphthene	9.88	154	98075	5.274	ng	98
53) 3-Nitroaniline	9.79	138	27057	5.617	ng	92
54) 2,4-Dinitrophenol	9.90	184	5506	4.276	ng	94
55) Dibenzofuran	10.05	168	147882	5.517	ng	99
56) 4-Nitrophenol	9.95	139	19891	5.622	ng	97
57) 2,4-Dinitrotoluene	10.03	165	26668	5.697	ng	# 87
58) Fluorene	10.39	166	112556	5.642	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	25566	5.081	ng	97
60) Diethylphthalate	10.27	149	117250	5.215	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	58425	5.825	ng	96
62) 4-Nitroaniline	10.40	138	26755	5.835	ng	99
63) Azobenzene	10.55	77	111503	4.848	ng	92
65) 4,6-Dinitro-2-methylphenol	10.43	198	9438	5.133	ng	96
66) n-Nitrosodiphenylamine	10.50	169	96182	5.014	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	33246	5.008	ng	96
68) Hexachlorobenzene	10.95	284	36706	5.269	ng	93
69) Atrazine	11.03	200	22402	4.533	ng	97
70) Pentachlorophenol	11.13	266	16107	4.087	ng	99
71) Phenanthrene	11.36	178	165863	5.342	ng	98
72) Anthracene	11.41	178	164823	5.253	ng	98
73) Carbazole	11.56	167	160563	5.325	ng	98
74) Di-n-butylphthalate	11.90	149	179220	4.801	ng	99
75) Fluoranthene	12.55	202	179702	5.433	ng	95
77) Benzidine	12.66	184	58935	4.165	ng	99
78) Pyrene	12.77	202	190614	4.761	ng	98
80) Butylbenzylphthalate	13.39	149	76082	4.401	ng	95
81) Benzo(a)anthracene	13.96	228	175397	5.458	ng	98
82) 3,3'-Dichlorobenzidine	13.92	252	56750	5.233	ng	98
83) Chrysene	13.99	228	173044	5.279	ng	97
84) Bis(2-ethylhexyl)phthalate	13.96	149	112613	4.968	ng	100
85) Di-n-octyl phthalate	14.57	149	201188	5.017	ng	97
87) Indeno(1,2,3-cd)pyrene	16.83	276	201991	5.961	ng	99
88) Benzo(b)fluoranthene	14.99	252	165252	4.758	ng	99
89) Benzo(k)fluoranthene	15.02	252	169304	5.010	ng	97
90) Benzo(a)pyrene	15.35	252	155952	5.034	ng	99
91) Dibenzo(a,h)anthracene	16.85	278	165380	5.856	ng	100
92) Benzo(g,h,i)perylene	17.26	276	160637	6.223	ng	97

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

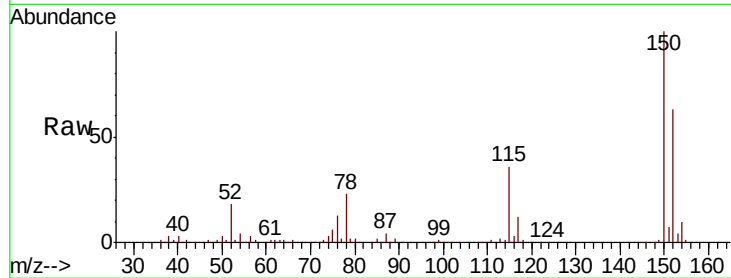


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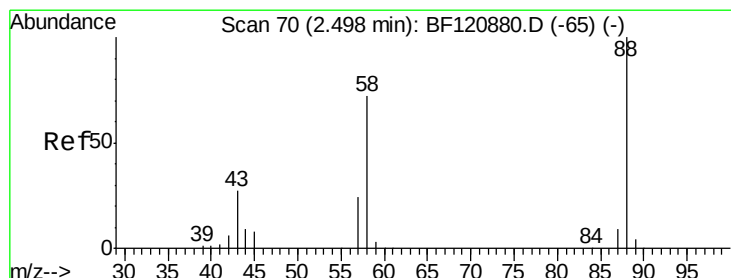
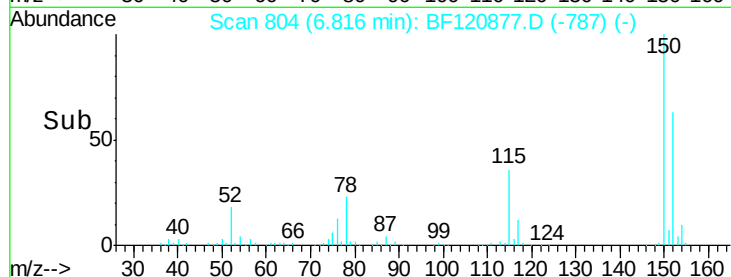
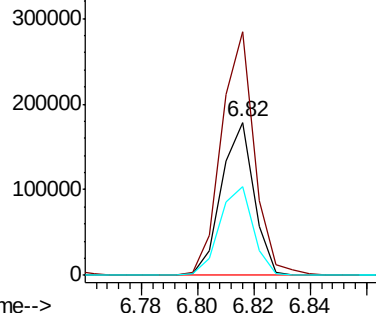
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF120877.D
 Acq: 16 Jul 2020 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Tot Ion:152 Resp: 142441
 Ion Ratio Lower Upper
 152 100
 150 159.3 125.0 187.6
 115 57.8 47.0 70.4



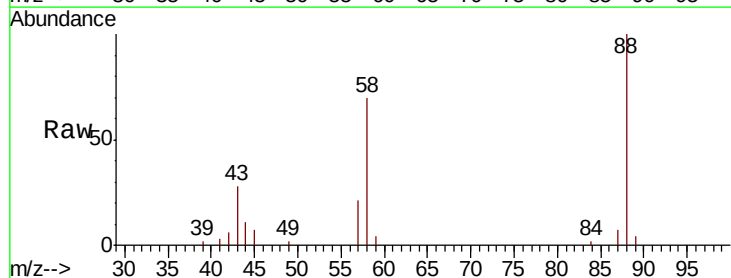
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



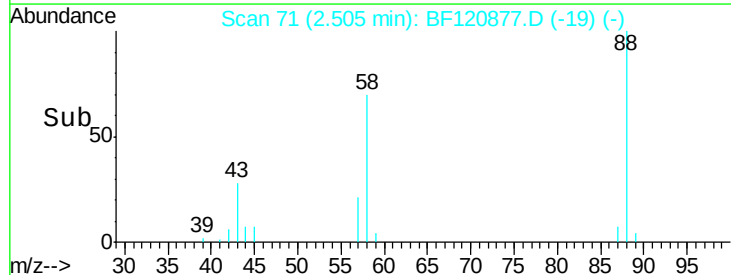
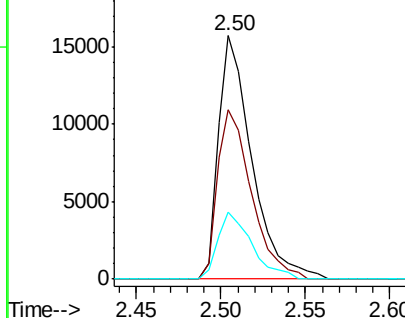
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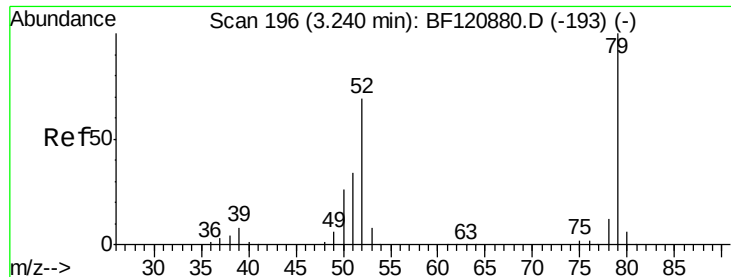
1,4-Dioxane
 Concen: 5.147 ng
 RT: 2.50 min Scan# 71
 Delta R.T. 0.01 min
 Lab File: BF120877.D
 Acq: 16 Jul 2020 10:14

Tgt Ion: 88 Resp: 21694
 Ion Ratio Lower Upper
 88 100
 58 70.6 58.2 87.2
 43 28.2 22.1 33.1



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

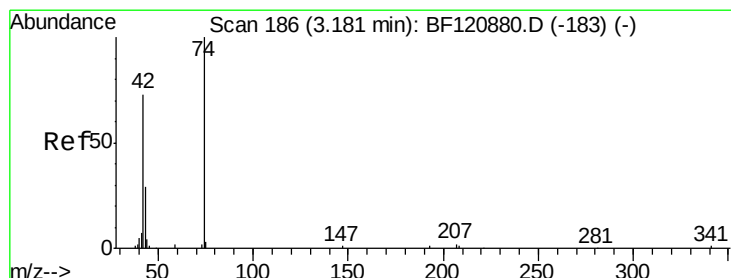
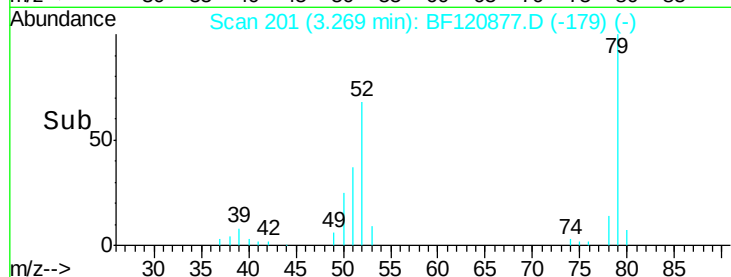
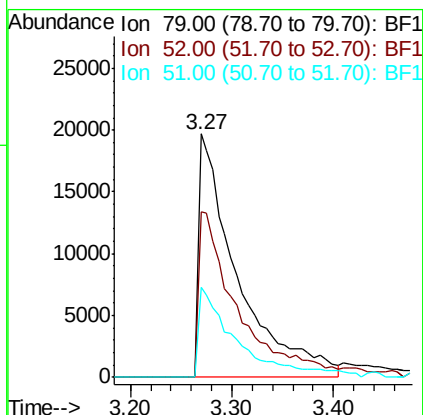
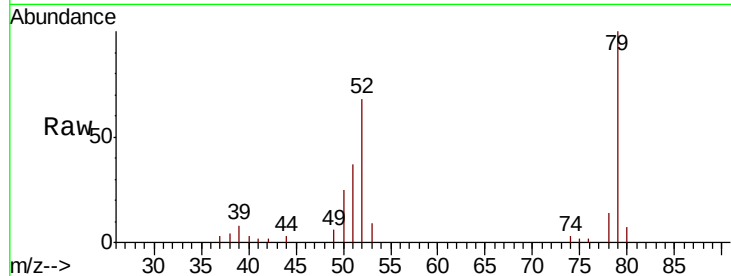




#3
 Pvridine
 Concen: 4.513 ng
 RT: 3.27 min Scan# 201
 Delta R.T. 0.03 min
 Lab File: BF120877.D
 Acq: 16 Jul 2020 10:14

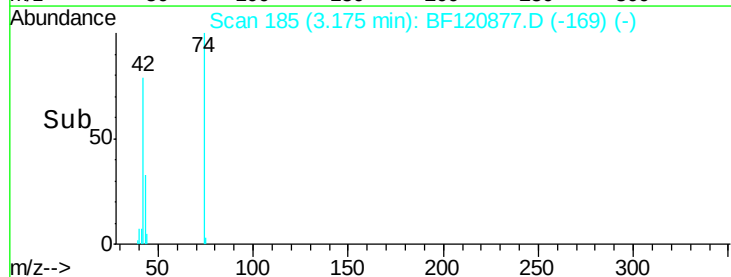
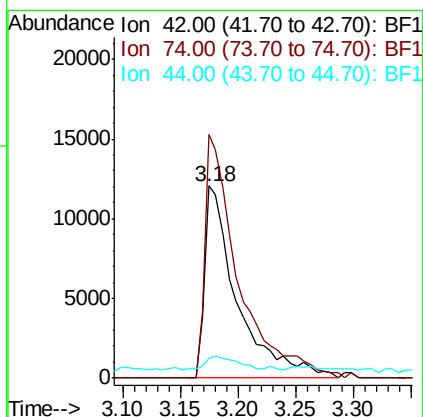
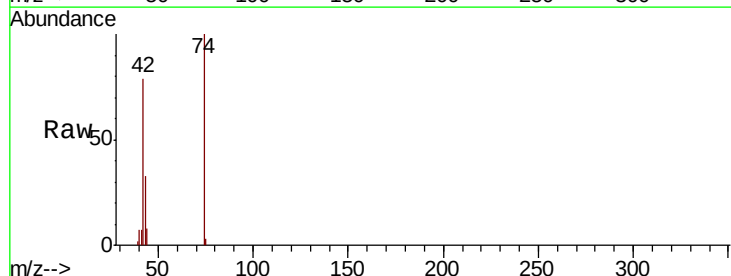
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

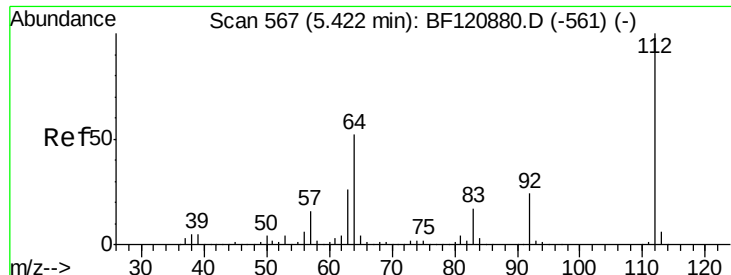
Tot Ion: 79 Resp: 52103
 Ion Ratio Lower Upper
 79 100
 52 67.9 55.0 82.6
 51 36.9 26.9 40.3



#4
 n-Nitrosodimethylamine
 Concen: 4.101 ng
 RT: 3.18 min Scan# 185
 Delta R.T. -0.01 min
 Lab File: BF120877.D
 Acq: 16 Jul 2020 10:14

Tgt Ion: 42 Resp: 23685
 Ion Ratio Lower Upper
 42 100
 74 126.9 108.7 163.1
 44 10.5 5.2 7.8#





#5

2-Fluorophenol

Concen: 10.683 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF120877.D

Acq: 16 Jul 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

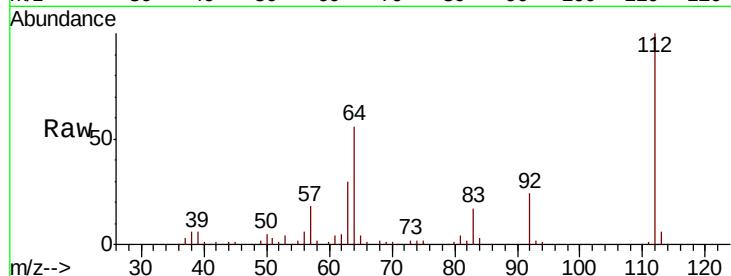
Tot Ion:112 Resp: 98575

Ion Ratio Lower Upper

112 100

64 55.9 41.3 61.9

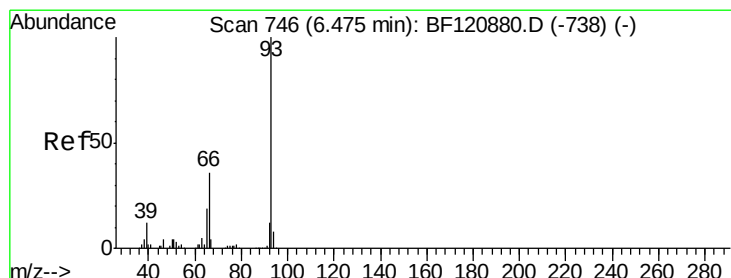
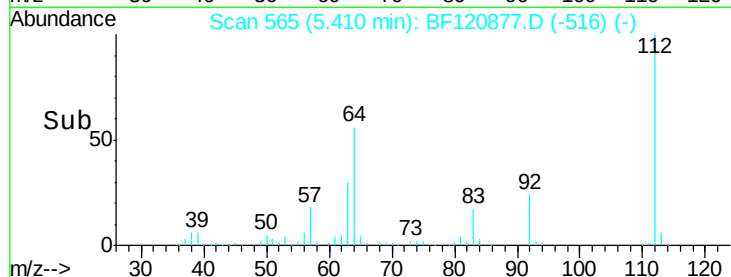
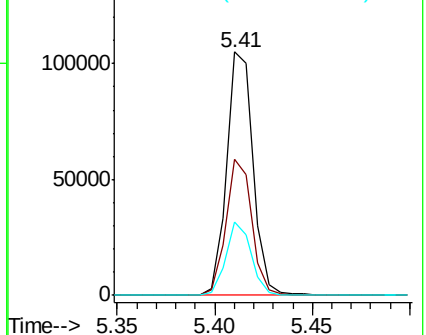
63 30.0 21.1 31.7



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: 5.134 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF120877.D

Acq: 16 Jul 2020 10:14

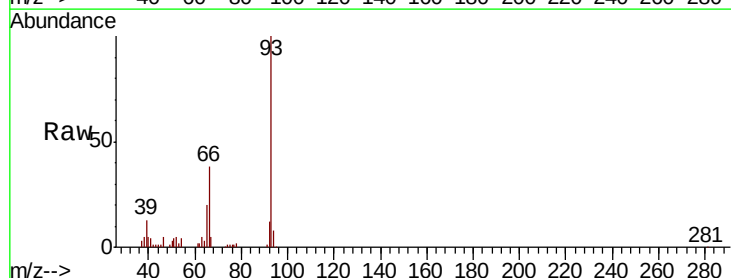
Tgt Ion: 93 Resp: 77695

Ion Ratio Lower Upper

93 100

66 38.0 30.2 45.4

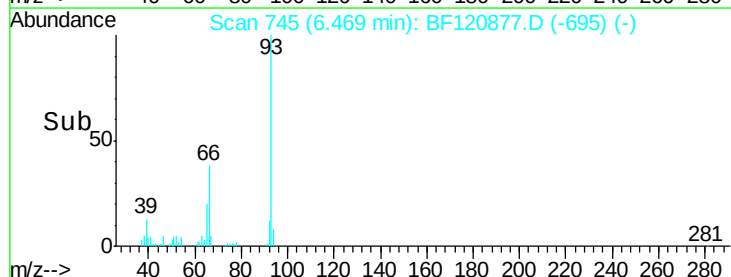
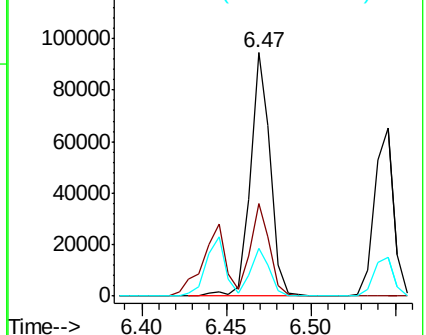
65 19.9 15.8 23.6

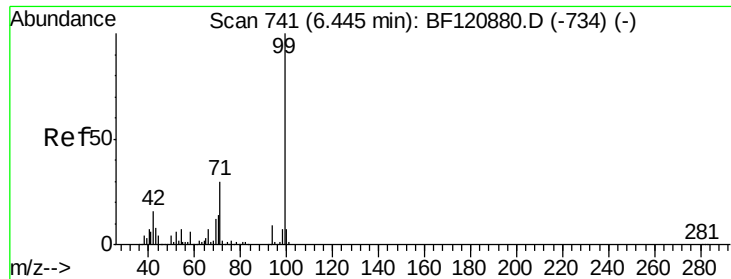


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 10.799 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF120877.D

Acq: 16 Jul 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

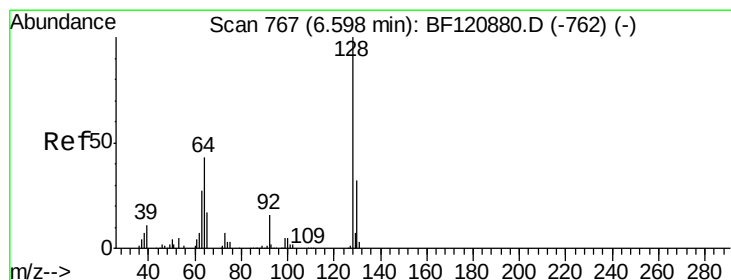
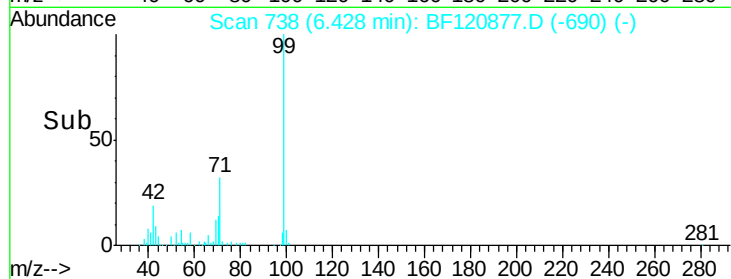
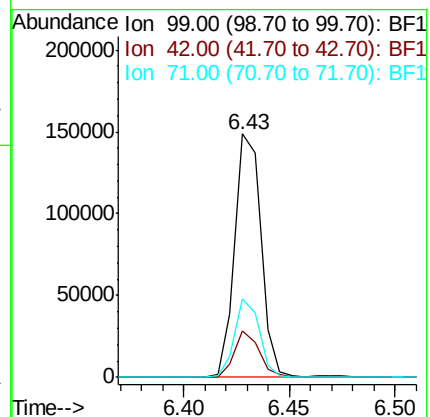
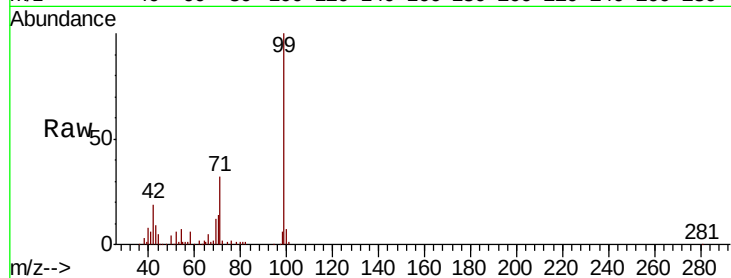
Tot Ion: 99 Resp: 127254

Ion Ratio Lower Upper

99 100

42 19.3 13.1 19.7

71 32.4 24.2 36.4



#8

2-Chlorophenol

Concen: 5.308 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF120877.D

Acq: 16 Jul 2020 10:14

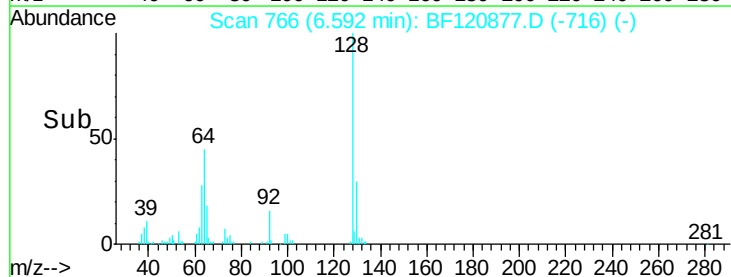
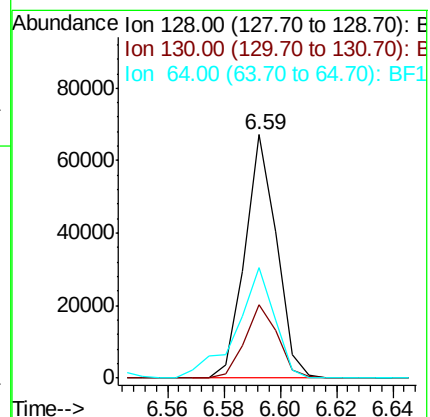
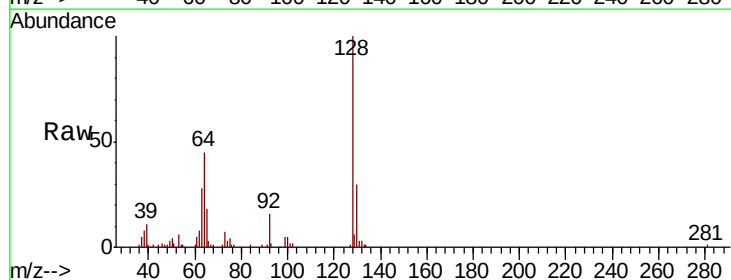
Tgt Ion: 128 Resp: 52144

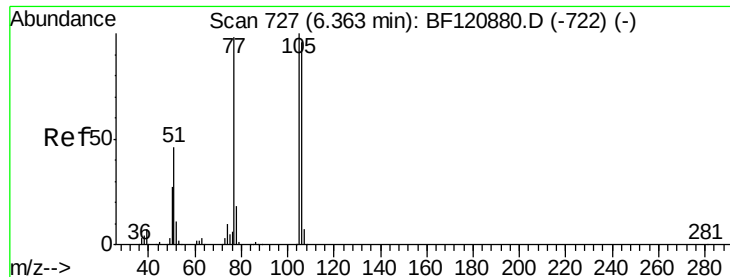
Ion Ratio Lower Upper

128 100

130 29.9 12.1 52.1

64 45.1 24.0 64.0





#9

Benzaldehyde

Concen: 4.743 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF120877.D

Acq: 16 Jul 2020 10:14

Instrument :

BNA_F

ClientSampleID :

SSTDICC005

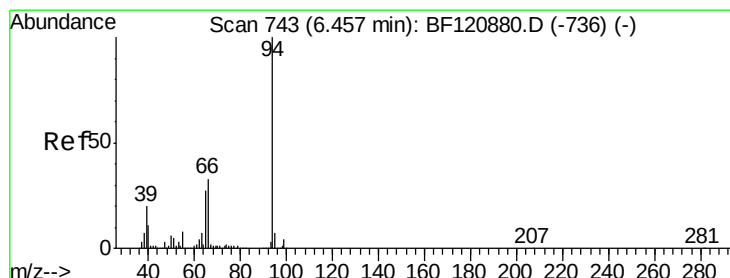
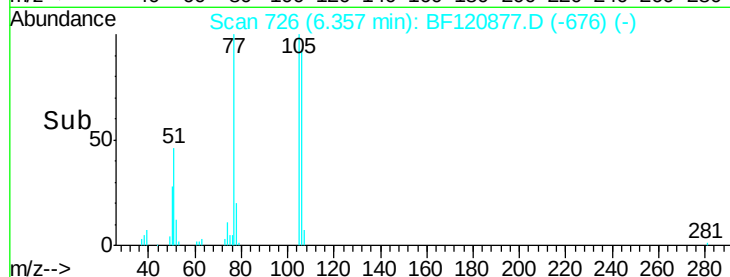
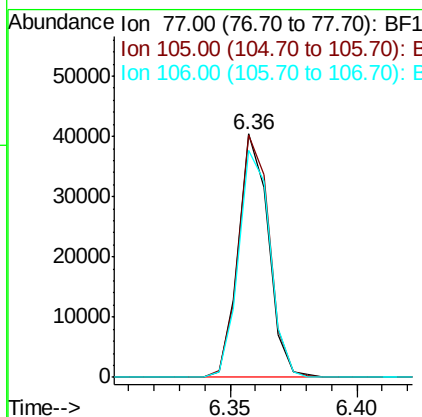
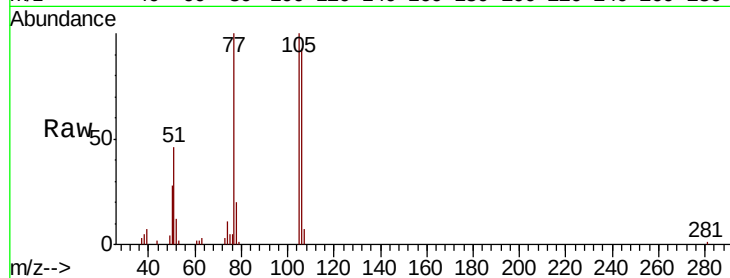
Tot Ion: 77 Resp: 33240

Ion Ratio Lower Upper

77 100

105 99.5 82.5 122.5

106 93.3 78.7 118.7



#10

Phenol

Concen: 5.409 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF120877.D

Acq: 16 Jul 2020 10:14

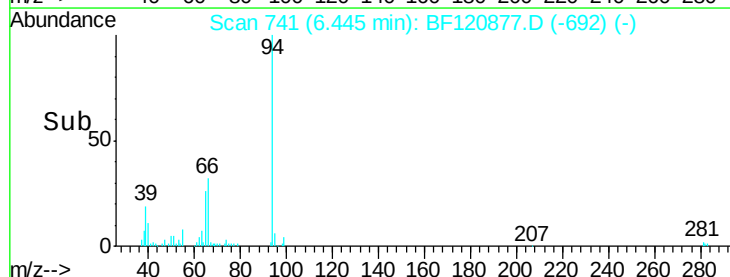
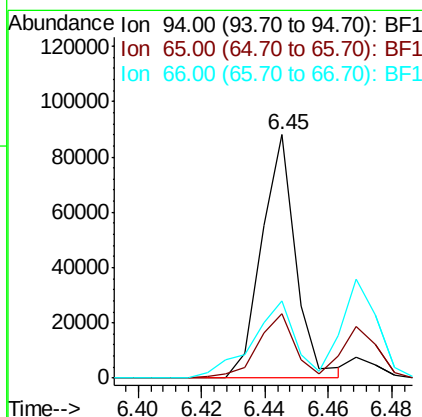
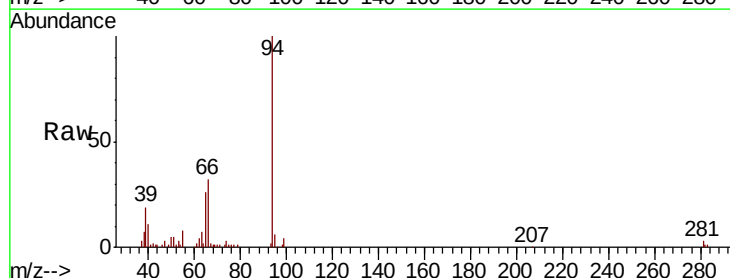
Tgt Ion: 94 Resp: 65571

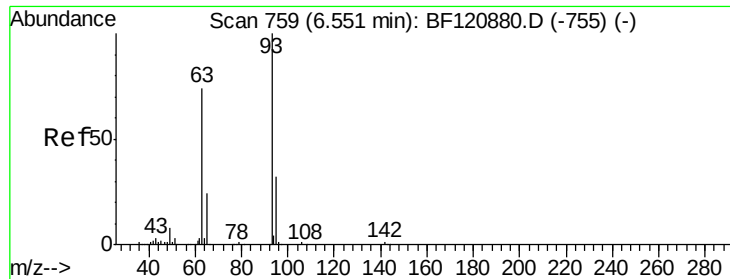
Ion Ratio Lower Upper

94 100

65 26.4 6.6 46.6

66 31.8 13.2 53.2

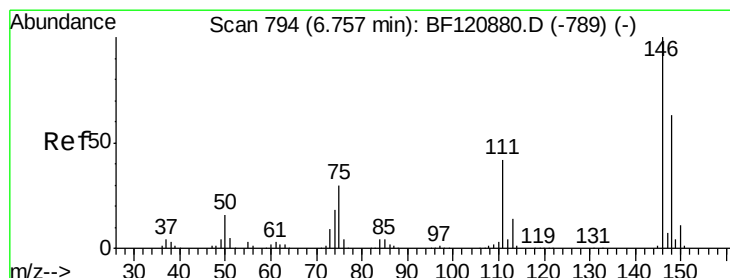
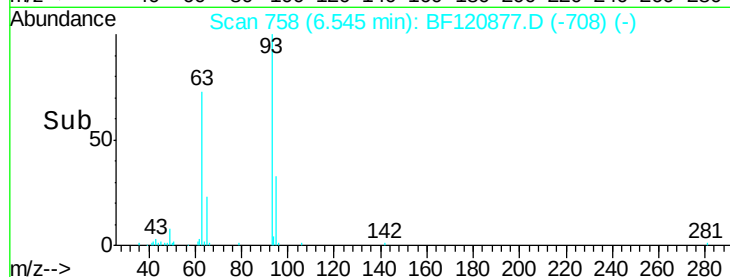
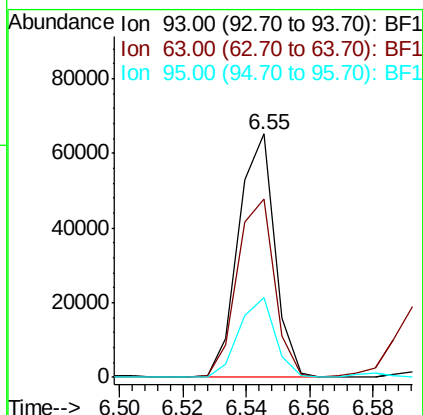
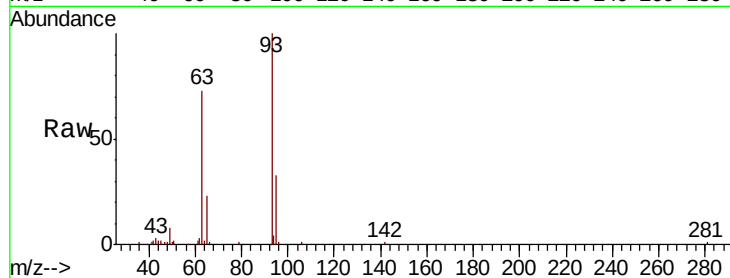




#11
bis(2-Chloroethyl)ether
Concen: 5.226 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF120877.D
Acq: 16 Jul 2020 10:14

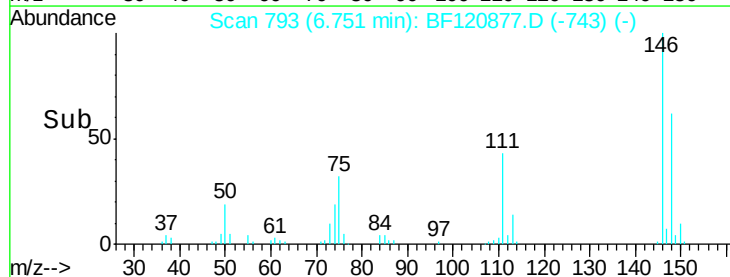
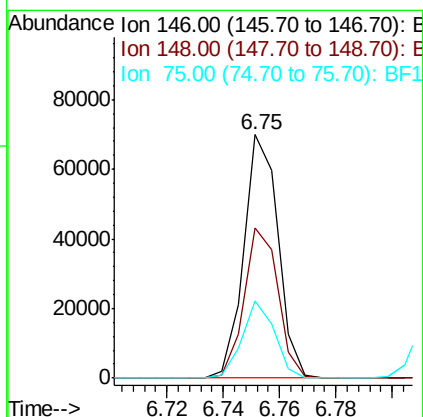
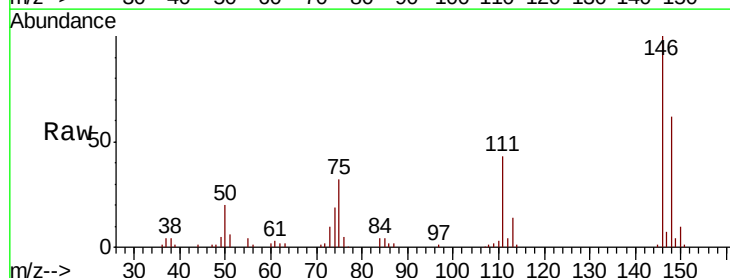
Instrument :
BNA_F
ClientSampleId :
SSTDIC005

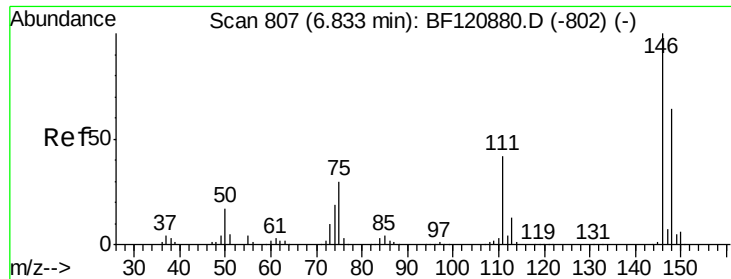
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.4	54.2	94.2
95	32.6	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 5.416 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF120877.D
Acq: 16 Jul 2020 10:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.7	50.6	75.8
75	31.5	24.1	36.1

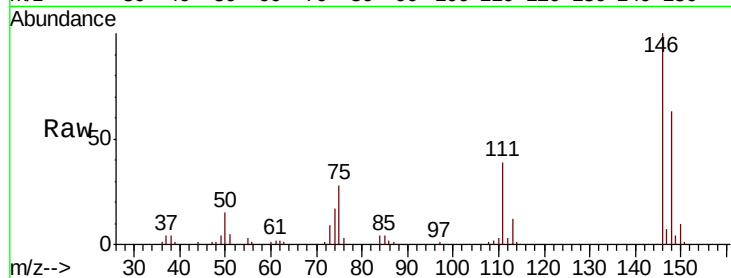




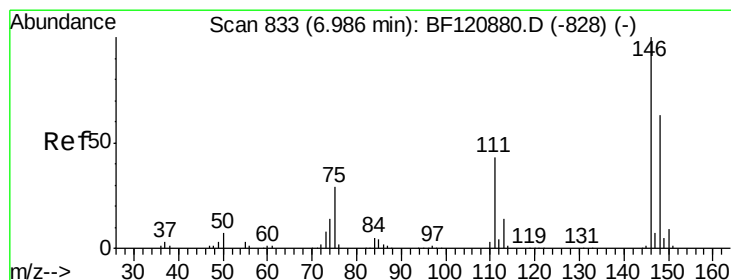
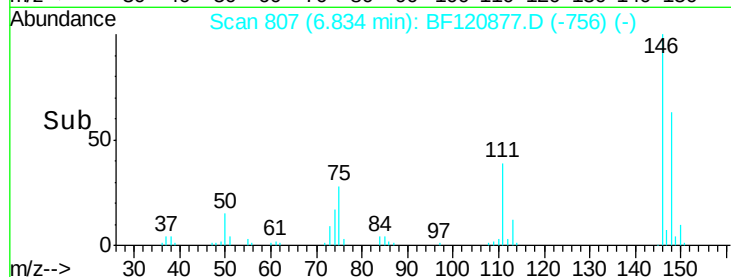
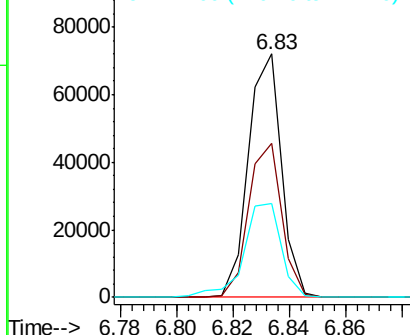
#13
 1,4-Dichlorobenzene
 Concen: 5.404 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF120877.D
 Acq: 16 Jul 2020 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Tot Ion:146 Resp: 58526
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.6 77.4
 111 38.5 33.5 50.3

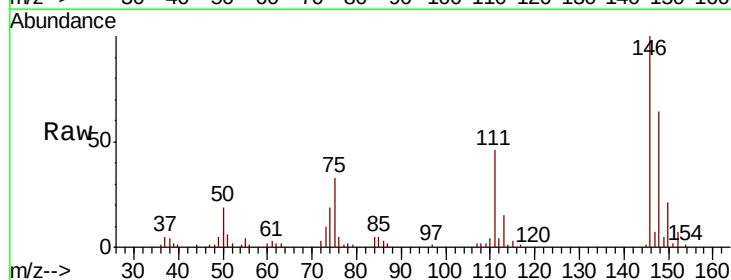


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

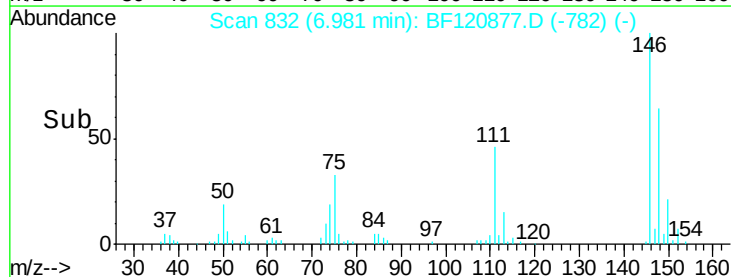
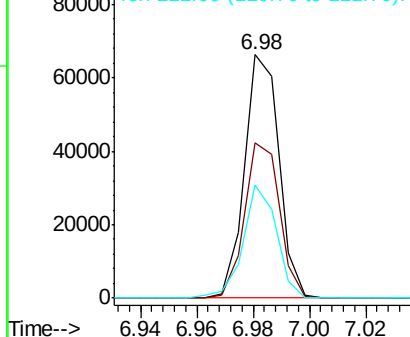


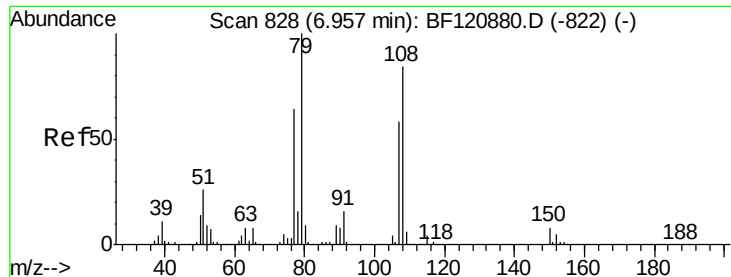
#14
 1,2-Dichlorobenzene
 Concen: 5.445 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF120877.D
 Acq: 16 Jul 2020 10:14

Tgt Ion:146 Resp: 56107
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.6 76.0
 111 46.2 34.2 51.2



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





#15

Benzyl Alcohol

Concen: 5.028 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF120877.D

Acq: 16 Jul 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

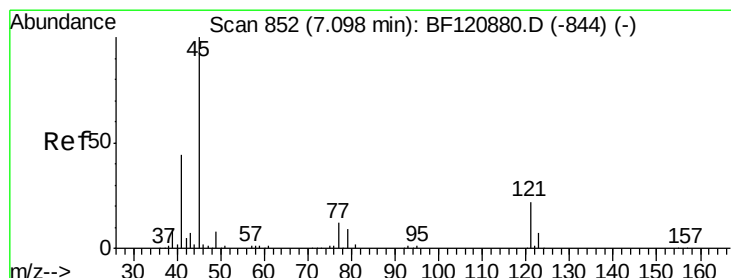
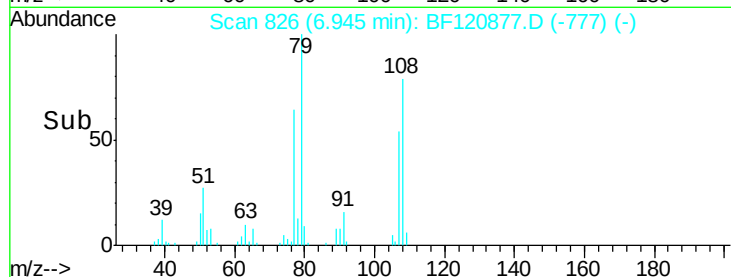
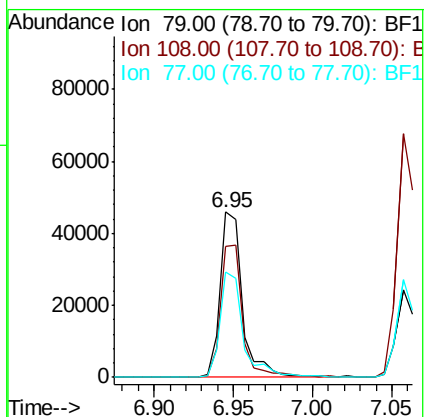
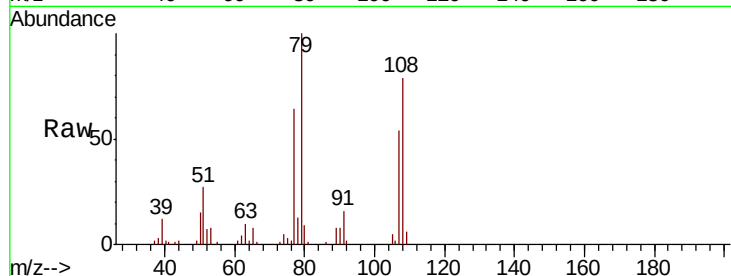
Tot Ion: 79 Resp: 44519

Ion Ratio Lower Upper

79 100

108 79.1 67.0 100.6

77 63.5 51.0 76.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 4.916 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF120877.D

Acq: 16 Jul 2020 10:14

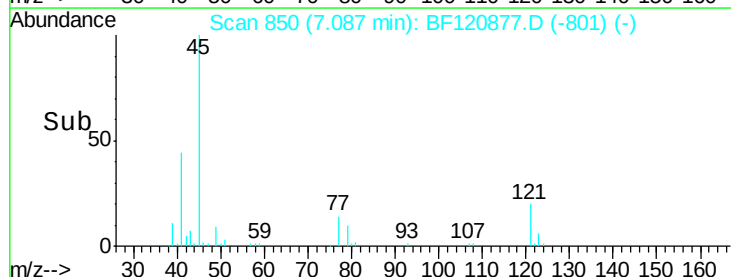
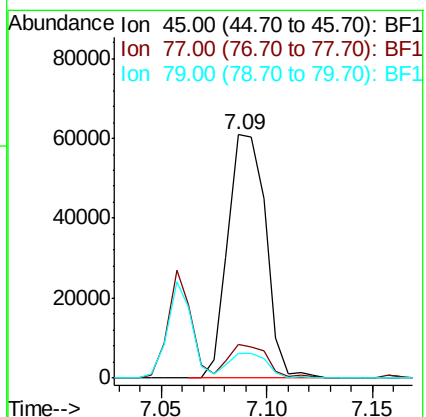
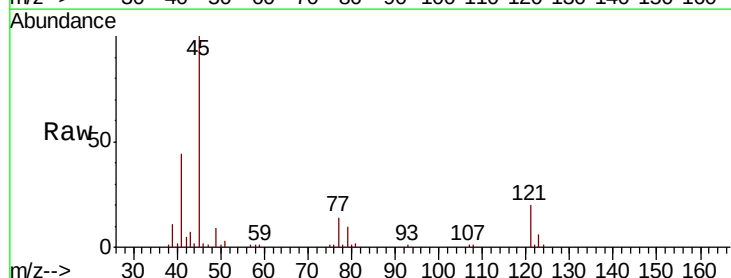
Tgt Ion: 45 Resp: 75645

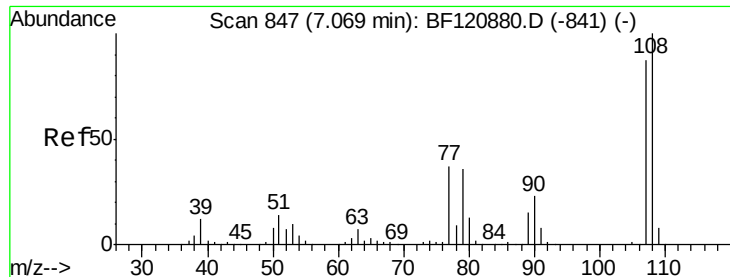
Ion Ratio Lower Upper

45 100

77 13.6 0.0 34.3

79 9.9 0.0 31.0

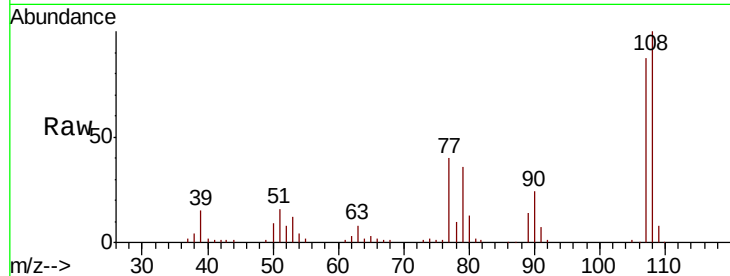




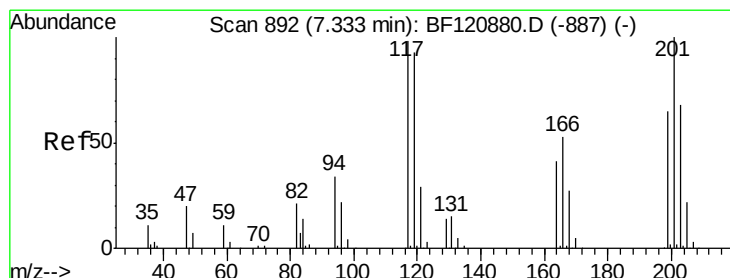
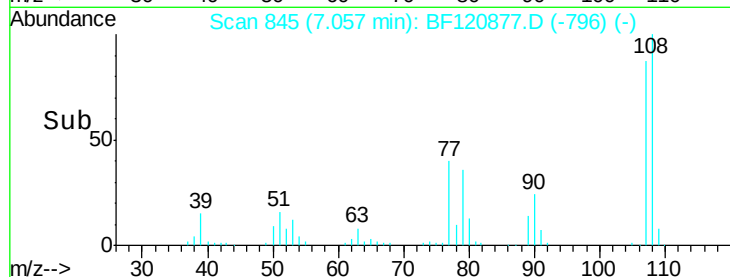
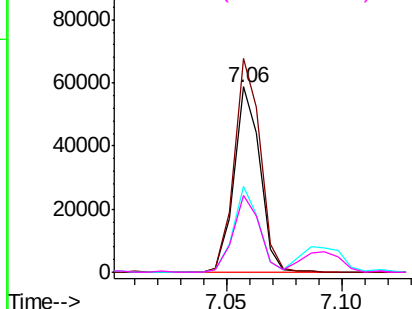
#17
2-Methylphenol
Concen: 5.232 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF120877.D
Acq: 16 Jul 2020 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC005

Tot Ion:107 Resp: 45980
Ion Ratio Lower Upper
107 100
108 115.4 92.0 138.0
77 46.1 34.0 51.0
79 41.3 33.3 49.9

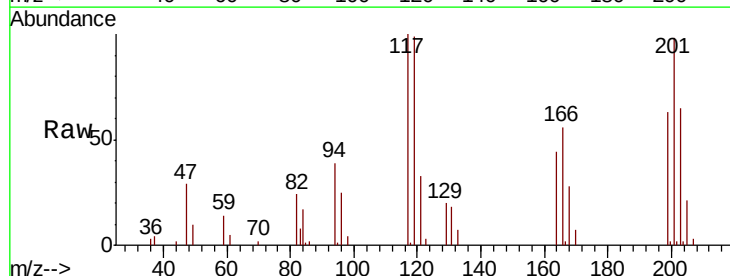


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

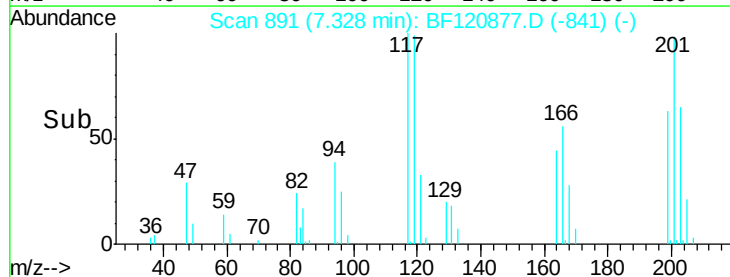
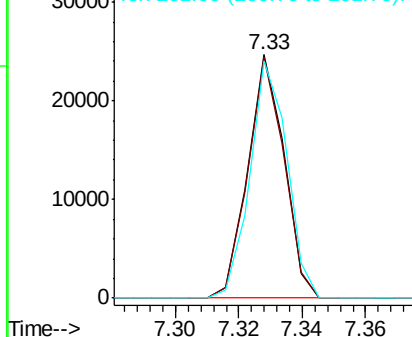


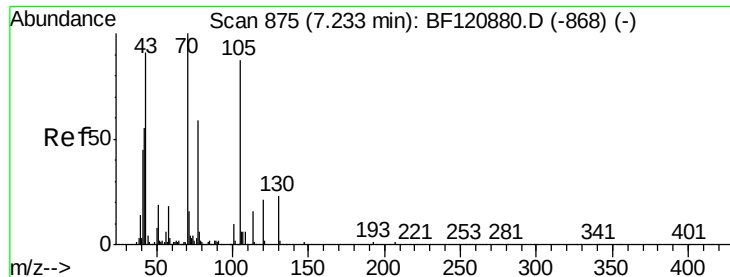
#18
Hexachloroethane
Concen: 4.817 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120877.D
Acq: 16 Jul 2020 10:14

Tgt Ion:117 Resp: 19607
Ion Ratio Lower Upper
117 100
119 99.2 76.0 114.0
201 99.6 81.7 122.5



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

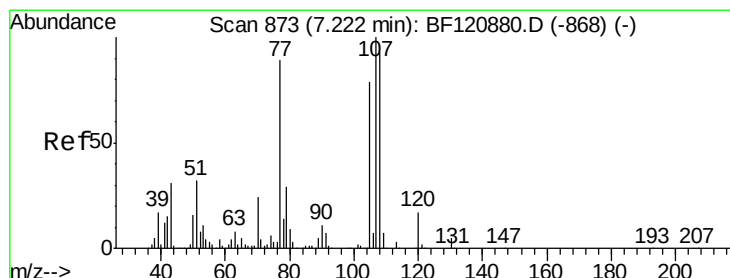
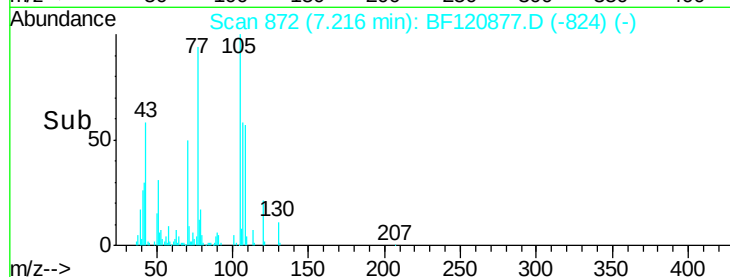
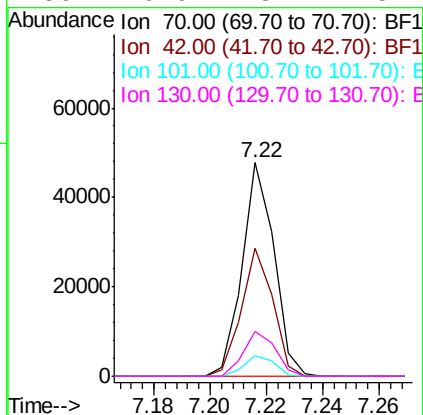
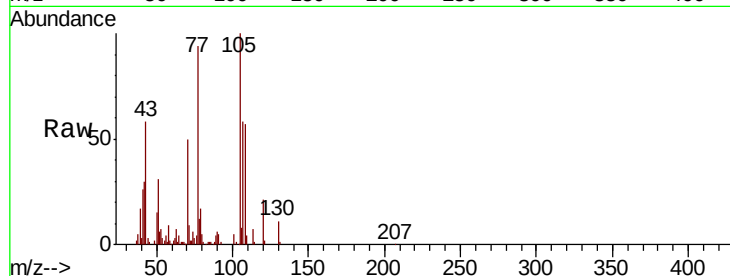




#19
n-Nitroso-di-n-propylamine
Concen: 5.258 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF120877.D
Acq: 16 Jul 2020 10:14

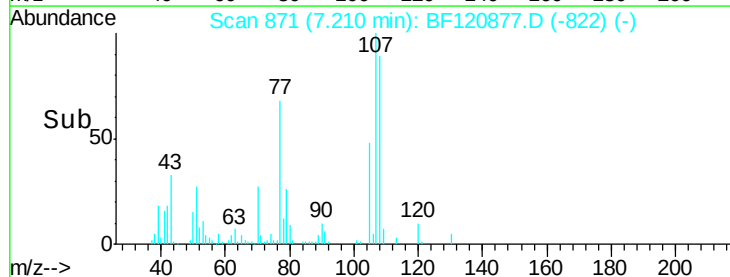
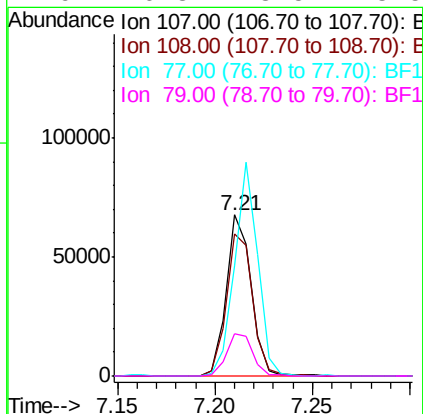
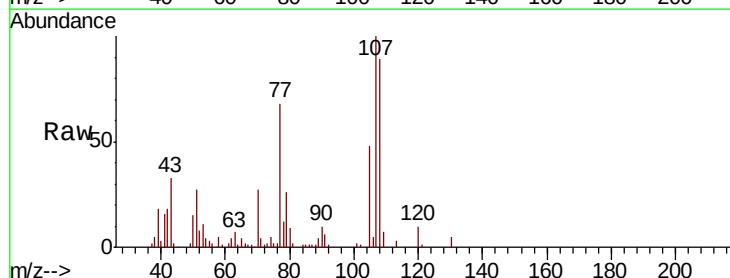
Instrument :
BNA_F
ClientSampleId :
SSTDIC005

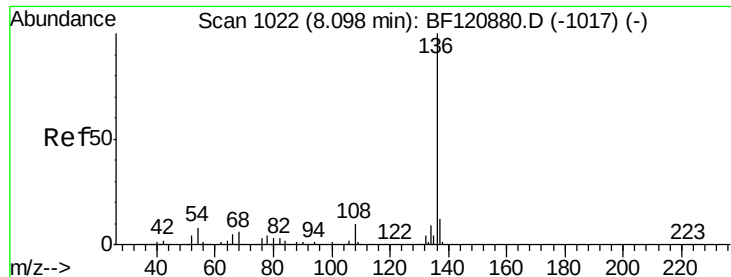
Tot Ion: 70 Resp: 37304
Ion Ratio Lower Upper
70 100
42 60.1 44.0 66.0
101 9.4 7.8 11.6
130 20.9 18.7 28.1



#20
3+4-Methylphenols
Concen: 5.537 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF120877.D
Acq: 16 Jul 2020 10:14

Tgt Ion: 107 Resp: 59934
Ion Ratio Lower Upper
107 100
108 88.7 72.8 112.8
77 68.4 68.7 108.7#
79 26.3 8.5 48.5

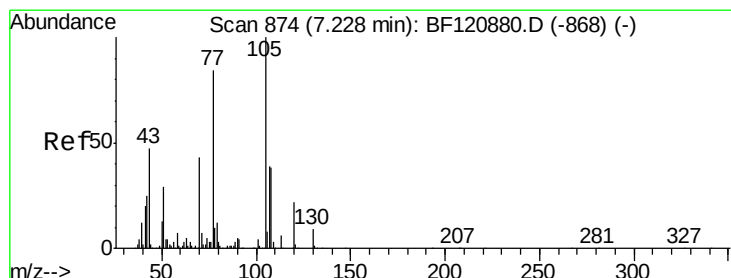
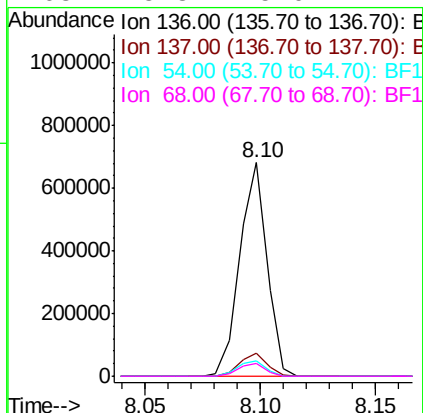
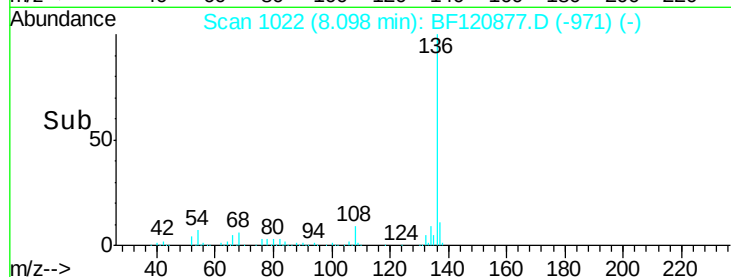
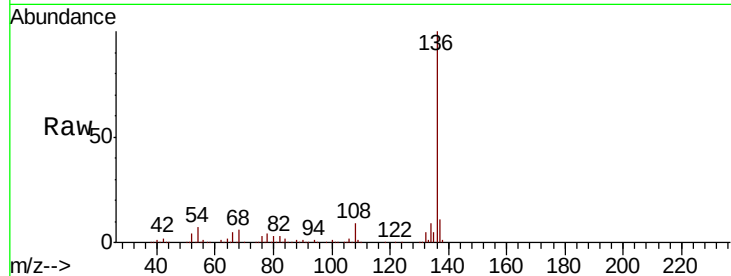




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF120877.D
Acq: 16 Jul 2020 10:14

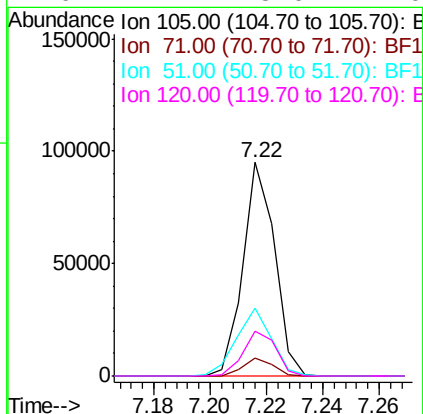
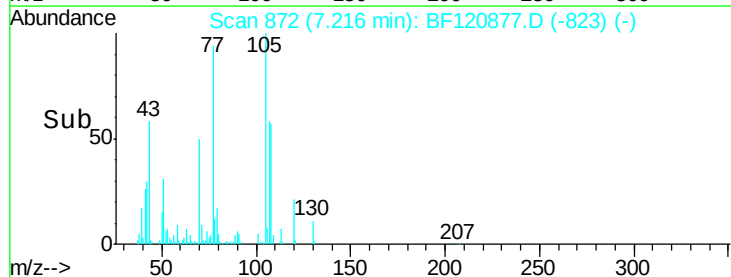
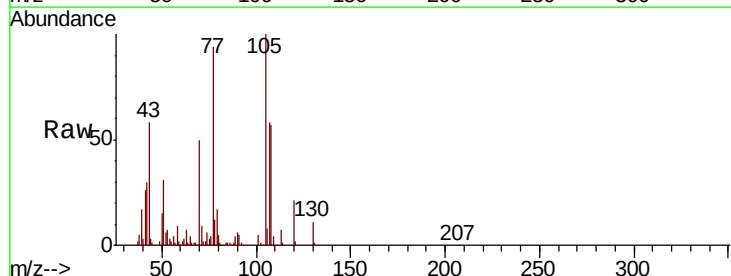
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

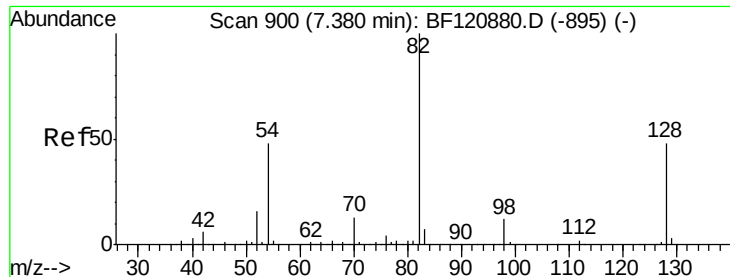
Tot Ion:136	Resp:	561423
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.3 13.9
54	7.2	6.3 9.5
68	5.8	5.0 7.4



#22
Acetophenone
Concen: 5.309 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF120877.D
Acq: 16 Jul 2020 10:14

Tgt Ion:105	Resp:	74086
Ion Ratio	Lower	Upper
105	100	
71	8.5	5.7 8.5#
51	31.5	22.9 34.3
120	21.1	18.0 27.0





#23

Nitrobenzene-d5

Concen: 10.318 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF120877.D

Acq: 16 Jul 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

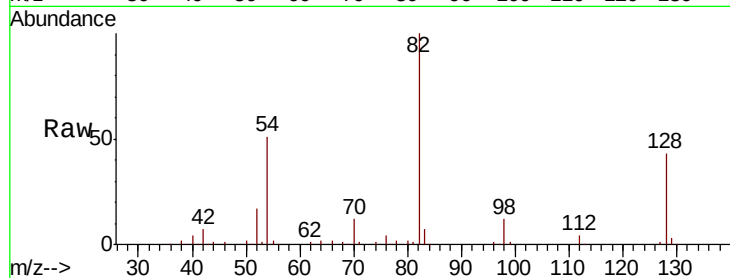
Tot Ion: 82 Resp: 99986

Ion Ratio Lower Upper

82 100

128 43.5 38.2 57.4

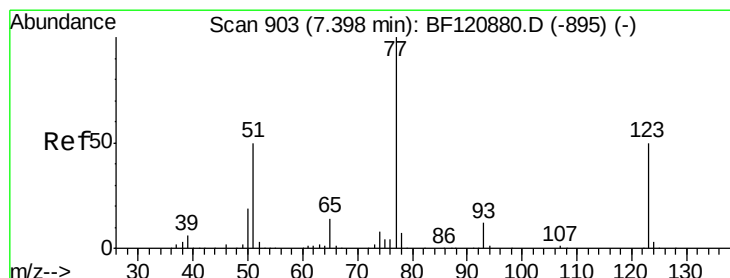
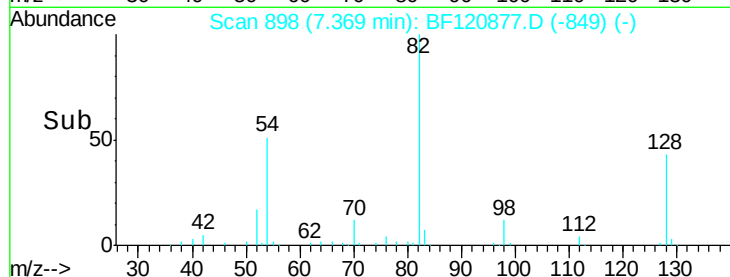
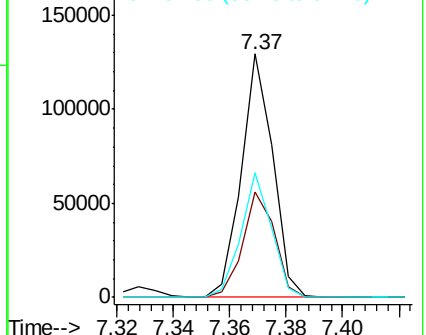
54 50.9 38.7 58.1



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 4.968 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.01 min

Lab File: BF120877.D

Acq: 16 Jul 2020 10:14

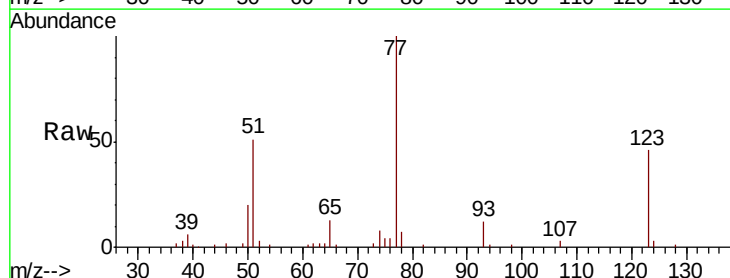
Tgt Ion: 77 Resp: 54055

Ion Ratio Lower Upper

77 100

123 45.7 40.1 60.1

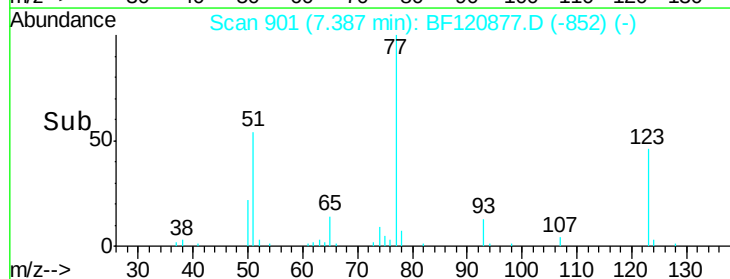
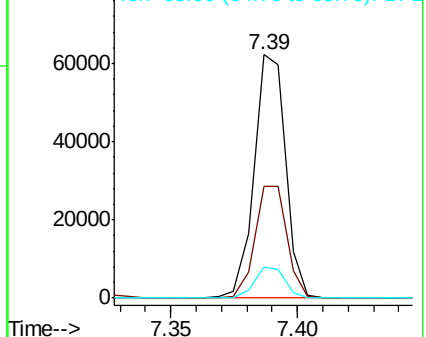
65 12.9 10.8 16.2

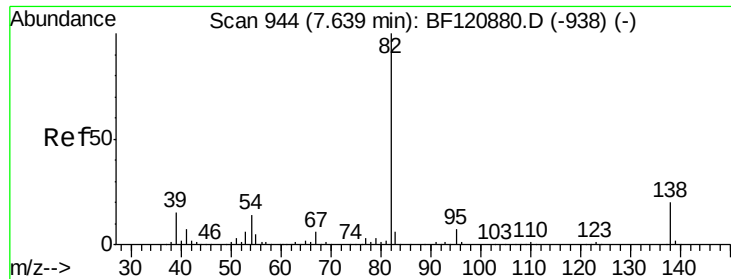


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 4.869 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF120877.D

Acq: 16 Jul 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

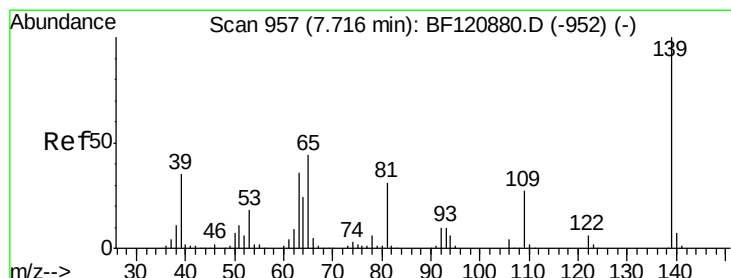
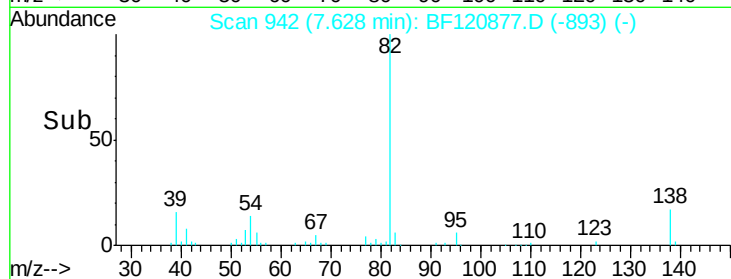
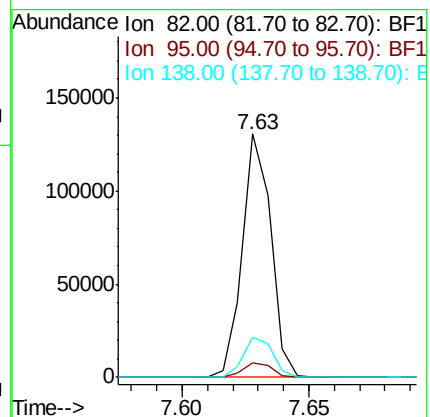
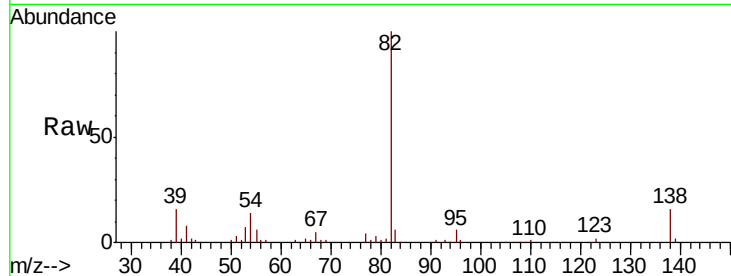
Tot Ion: 82 Resp: 101759

Ion Ratio Lower Upper

82 100

95 6.1 5.5 8.3

138 16.5 15.6 23.4



#26

2-Nitrophenol

Concen: 5.293 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF120877.D

Acq: 16 Jul 2020 10:14

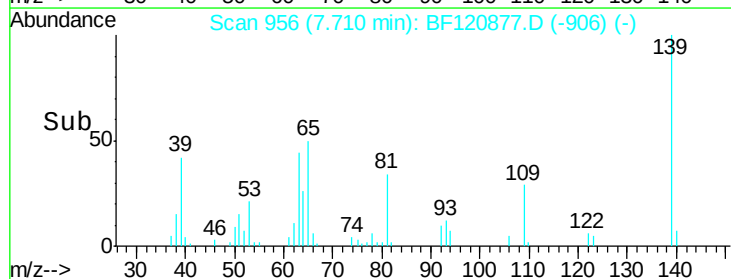
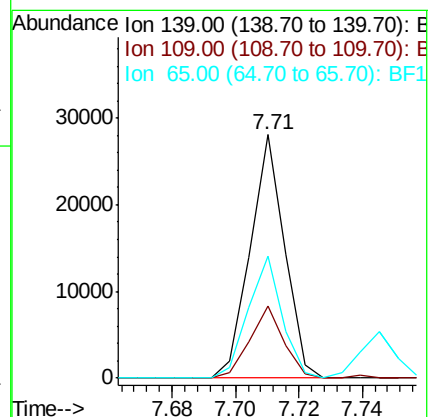
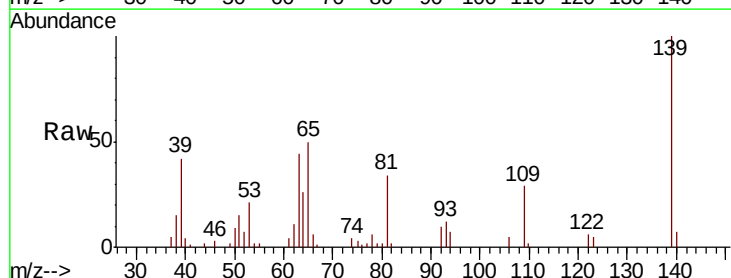
Tgt Ion: 139 Resp: 21050

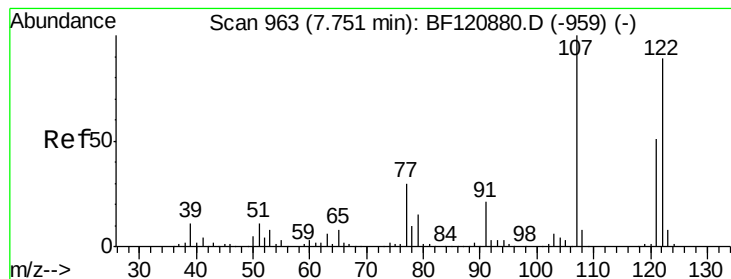
Ion Ratio Lower Upper

139 100

109 29.5 21.6 32.4

65 50.1 35.3 52.9





#27

2,4-Dimethylphenol

Concen: 4.935 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF120877.D

Acq: 16 Jul 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

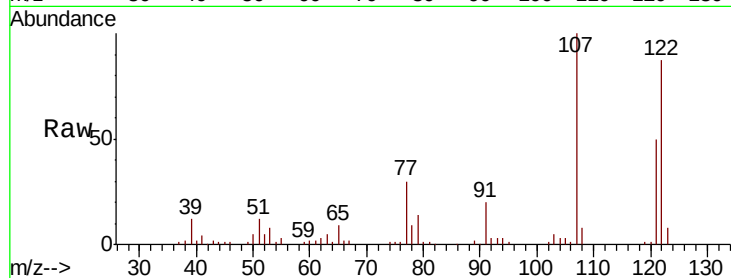
Tot Ion:122 Resp: 41171

Ion Ratio Lower Upper

122 100

107 115.1 89.4 134.0

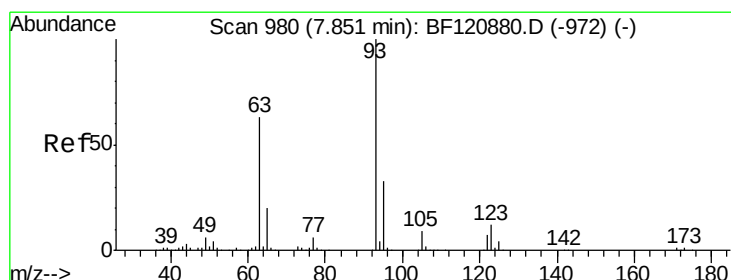
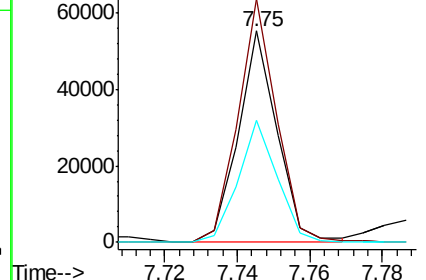
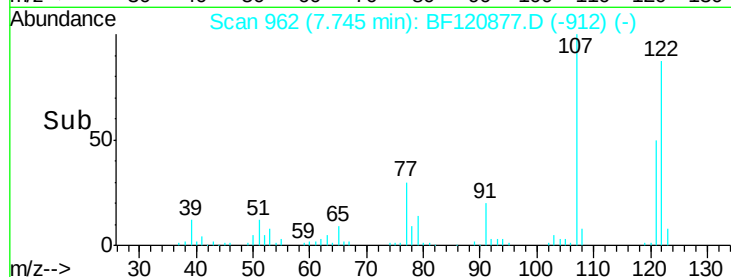
121 57.4 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 5.058 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF120877.D

Acq: 16 Jul 2020 10:14

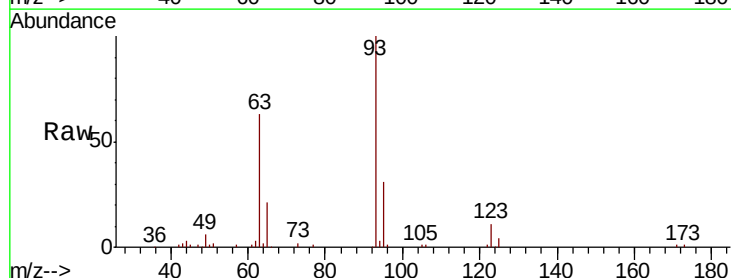
Tgt Ion: 93 Resp: 62552

Ion Ratio Lower Upper

93 100

95 31.4 26.6 39.8

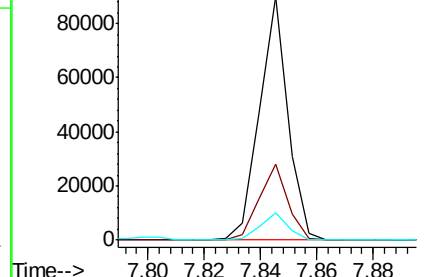
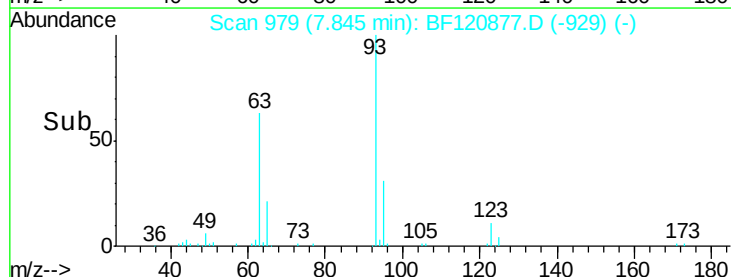
123 11.0 10.0 15.0

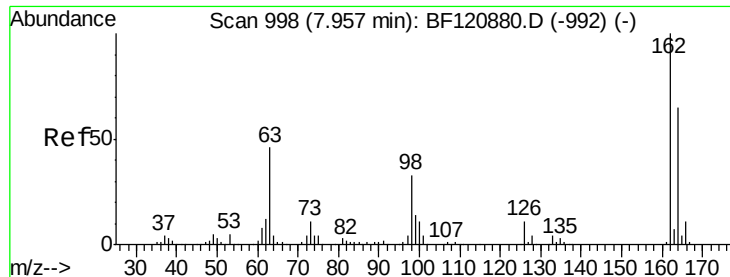


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

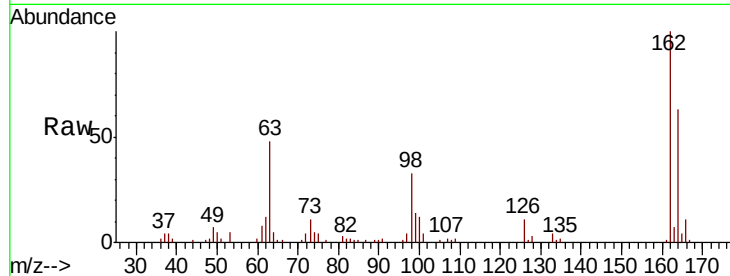




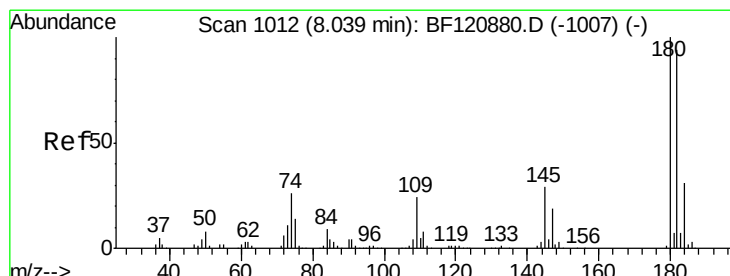
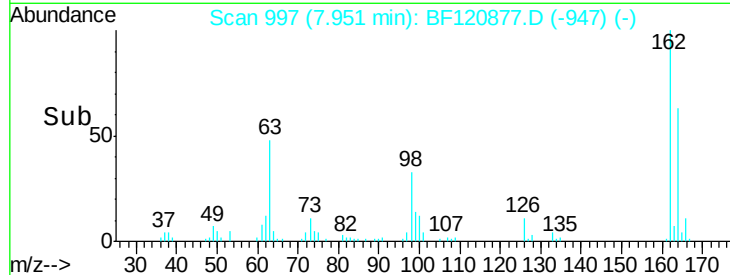
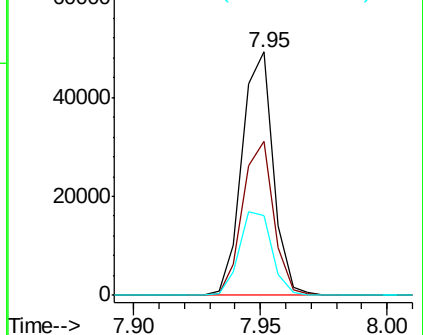
#29
 2,4-Dichlorophenol
 Concen: 5.053 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BF120877.D
 Acq: 16 Jul 2020 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	45.3	85.3
98	33.0	13.3	53.3

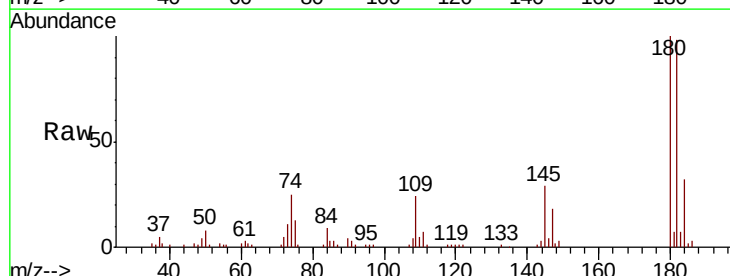


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

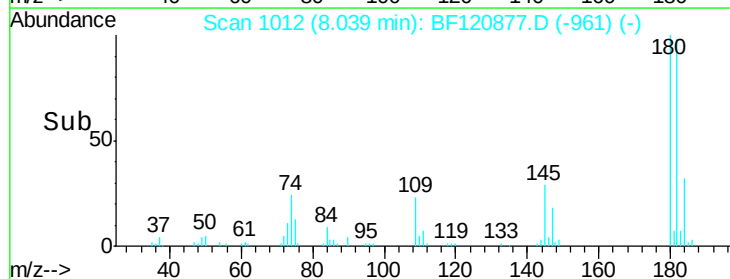
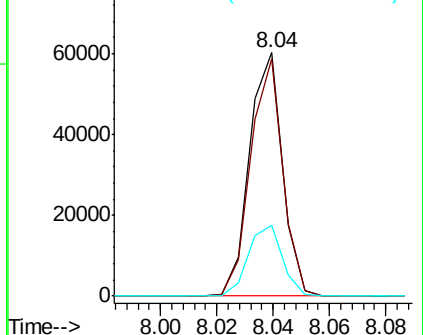


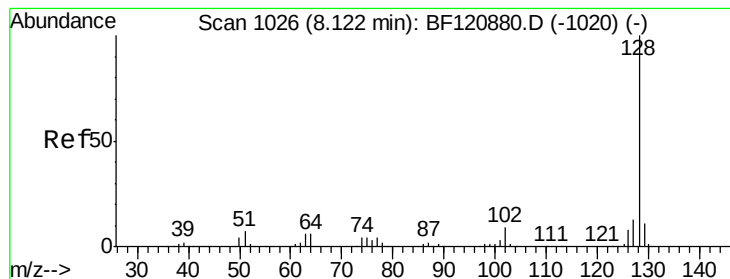
#30
 1,2,4-Trichlorobenzene
 Concen: 5.215 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BF120877.D
 Acq: 16 Jul 2020 10:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	75.0	112.6
145	29.1	23.5	35.3



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: 5.415 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF120877.D

Acq: 16 Jul 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

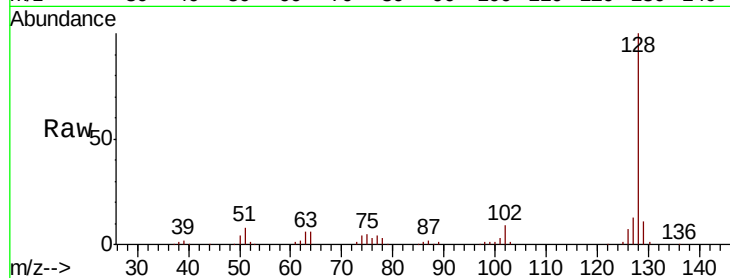
Tot Ion:128 Resp: 162482

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

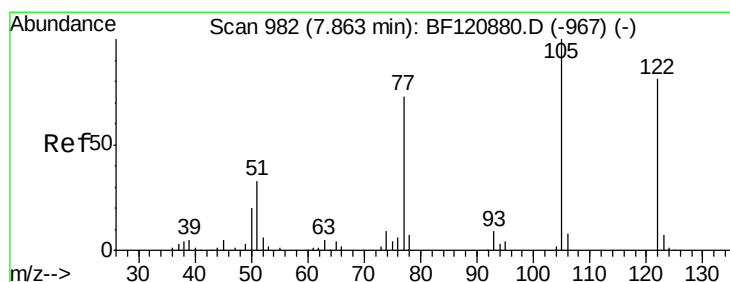
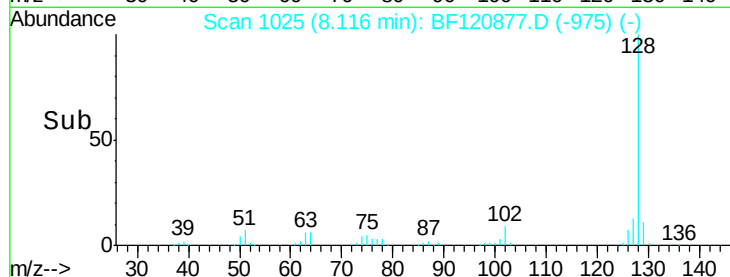
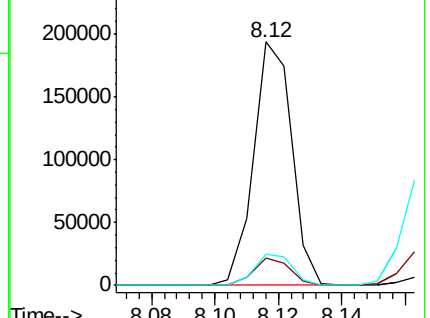
127 12.6 10.7 16.1



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: 5.007 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.06 min

Lab File: BF120877.D

Acq: 16 Jul 2020 10:14

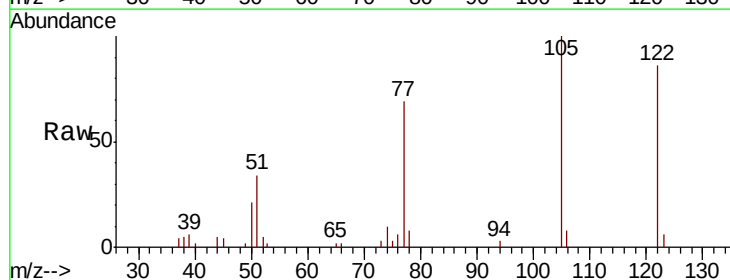
Tgt Ion:122 Resp: 22604

Ion Ratio Lower Upper

122 100

105 116.7 101.3 141.3

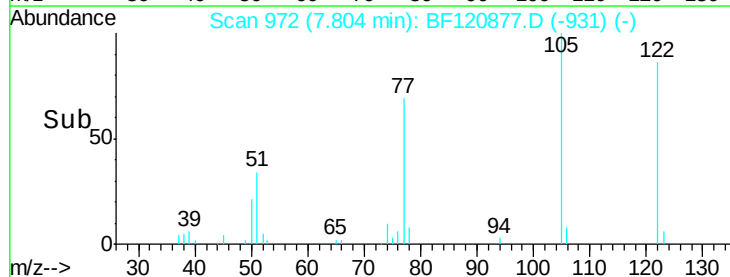
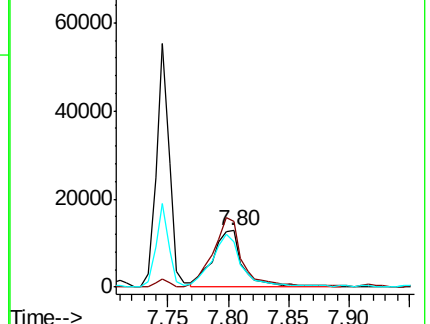
77 80.7 69.1 109.1

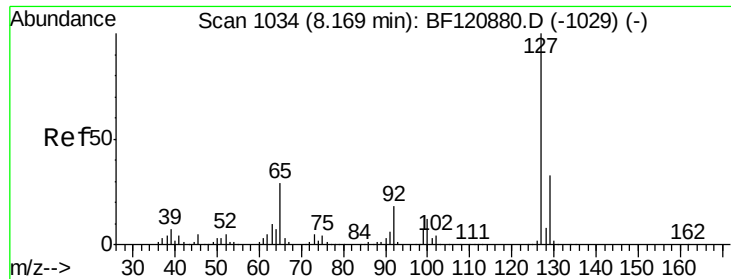


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

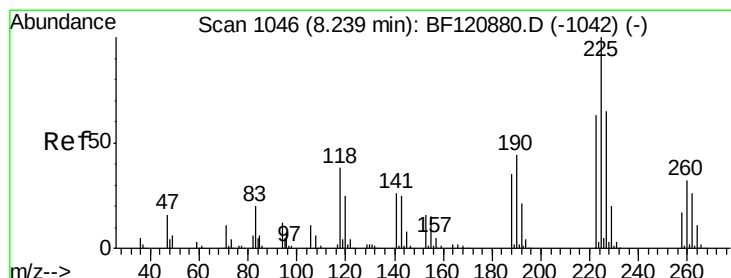
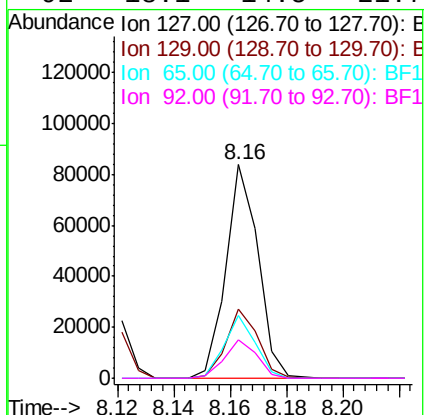
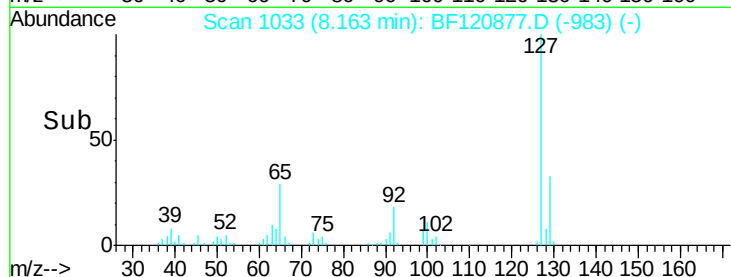
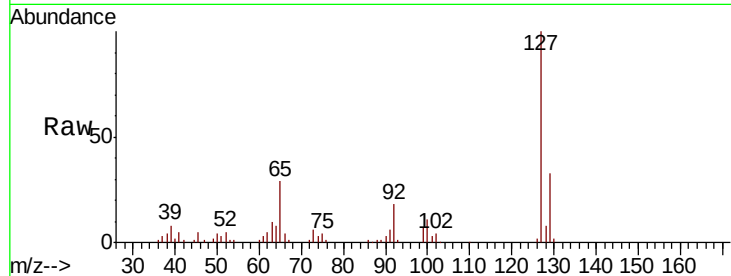




#33
4-Chloroaniline
Concen: 5.209 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF120877.D
Acq: 16 Jul 2020 10:14

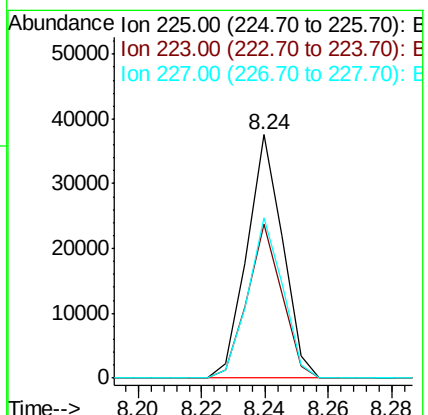
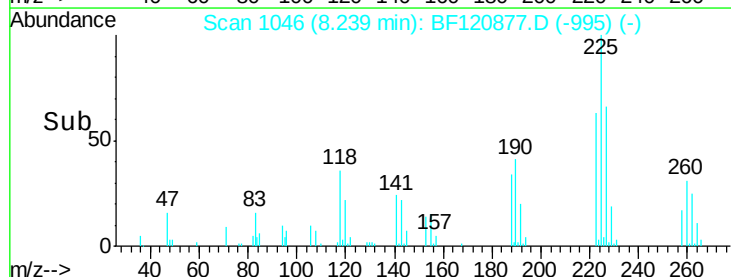
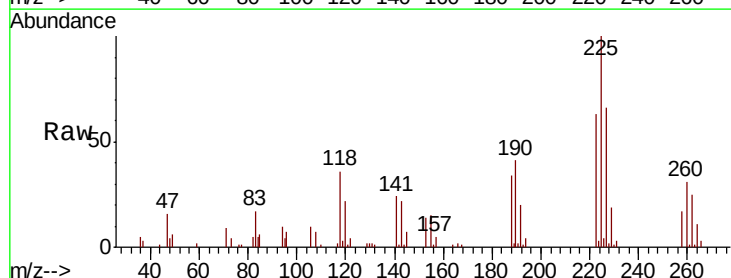
Instrument :
BNA_F
ClientSampleId :
SSTDIC005

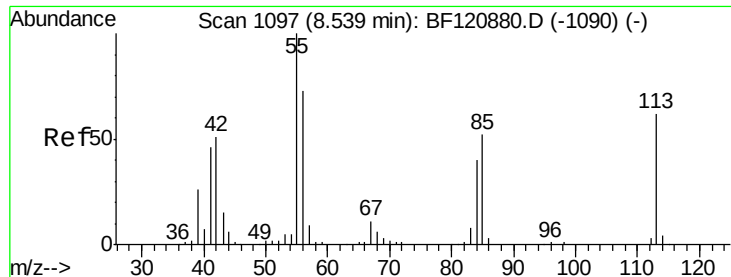
Tot Ion:	127	Resp:	66319
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.5	39.7
65	29.4	23.0	34.4
92	18.1	14.5	21.7



#34
Hexachlorobutadiene
Concen: 5.204 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120877.D
Acq: 16 Jul 2020 10:14

Tgt Ion:	225	Resp:	29275
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	66.0	52.2	78.2

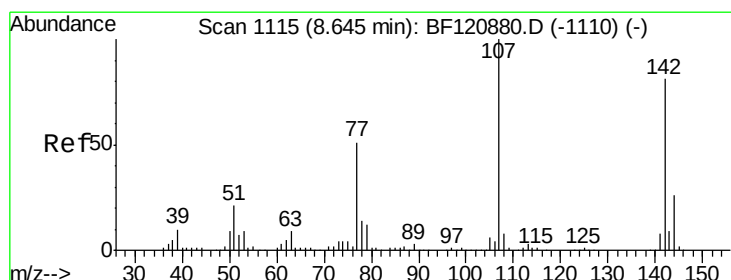
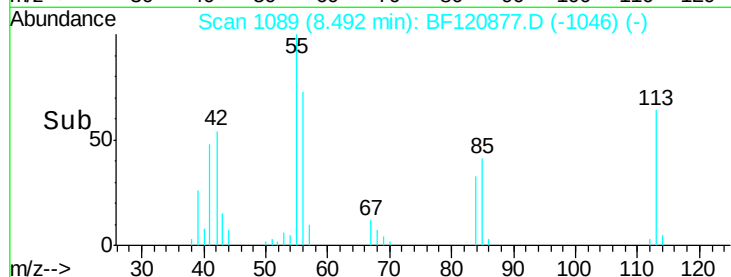
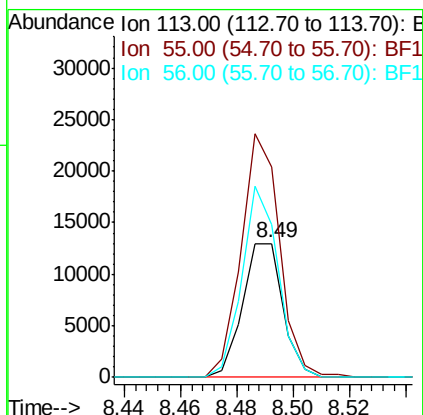
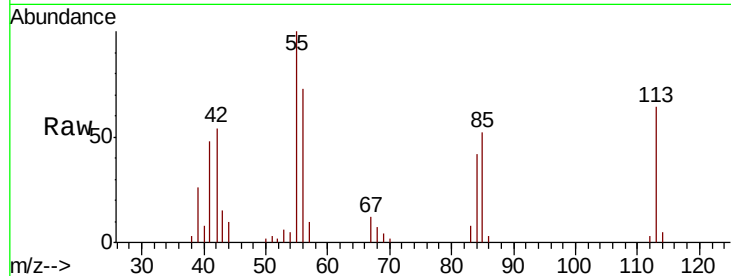




#35
Caprolactam
Concen: 5.308 ng
RT: 8.49 min Scan# 1089
Delta R.T. -0.05 min
Lab File: BF120877.D
Acq: 16 Jul 2020 10:14

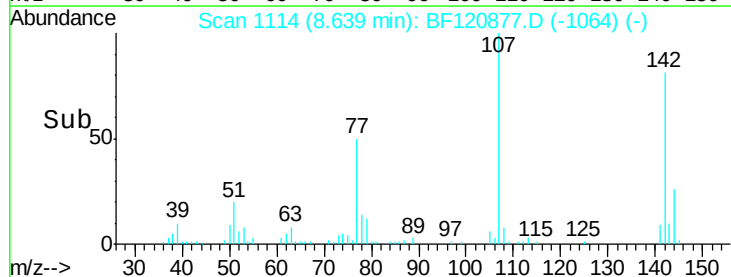
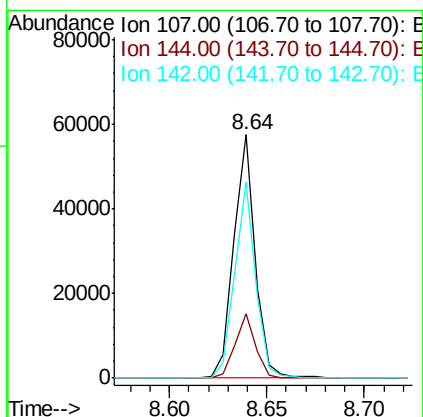
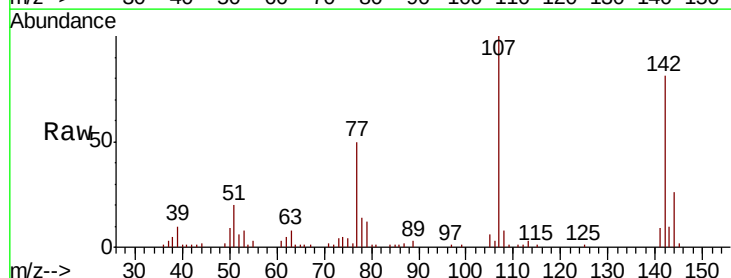
Instrument :
BNA_F
ClientSampleId :
SSTDIC005

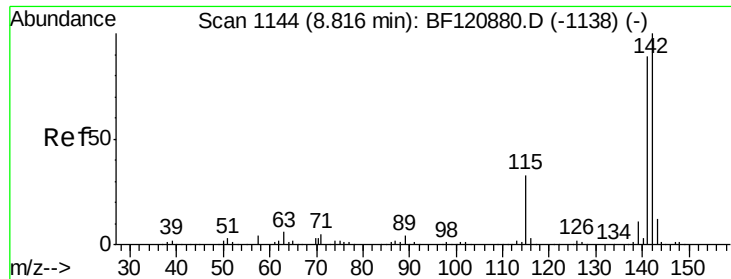
Tot Ion:113 Resp: 12880
Ion Ratio Lower Upper
113 100
55 157.0 143.3 183.3
56 114.4 99.4 139.4



#36
4-Chloro-3-methylphenol
Concen: 5.043 ng
RT: 8.64 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BF120877.D
Acq: 16 Jul 2020 10:14

Tgt Ion:107 Resp: 43688
Ion Ratio Lower Upper
107 100
144 26.2 21.0 31.6
142 80.9 65.0 97.6

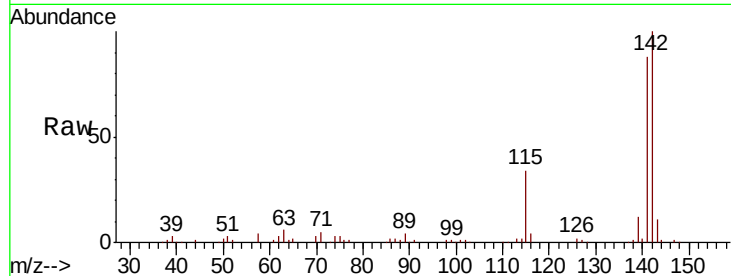




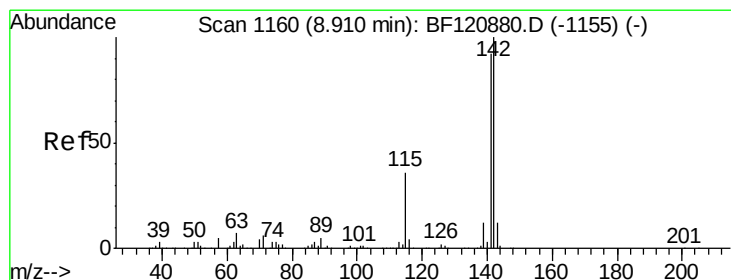
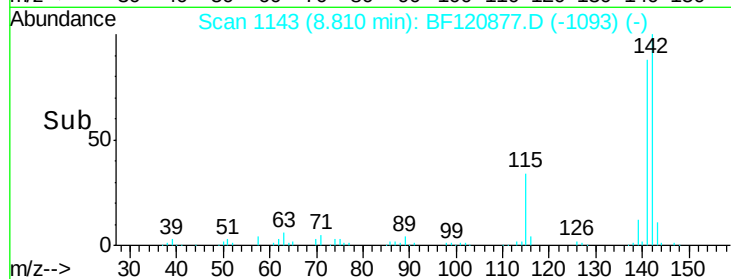
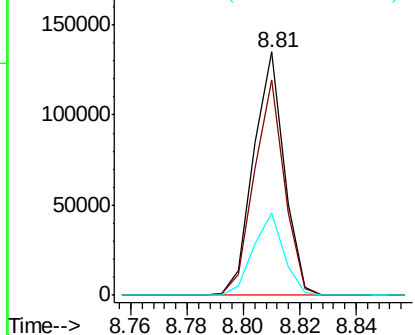
#37
2-Methylnaphthalene
Concen: 5.238 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF120877.D
Acq: 16 Jul 2020 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC005

Tot Ion:142 Resp: 102162
Ion Ratio Lower Upper
142 100
141 88.3 71.0 106.4
115 34.0 26.0 39.0

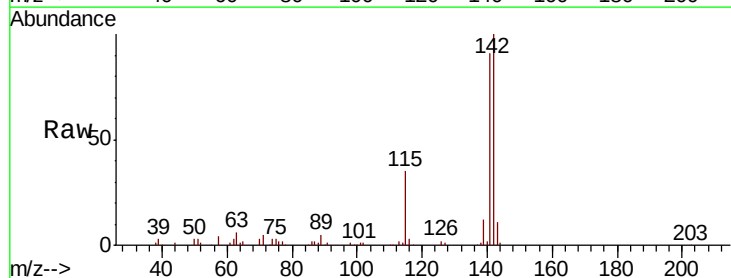


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

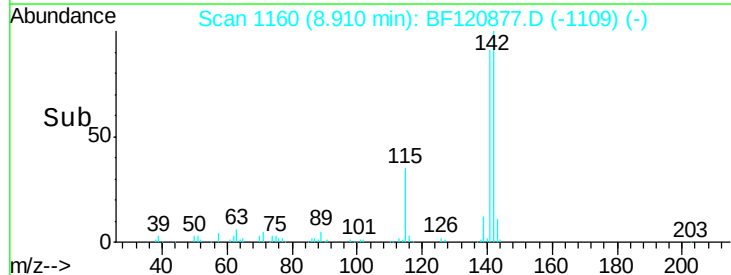
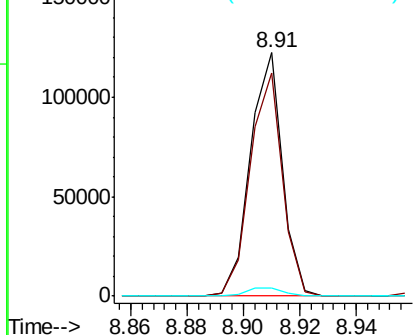


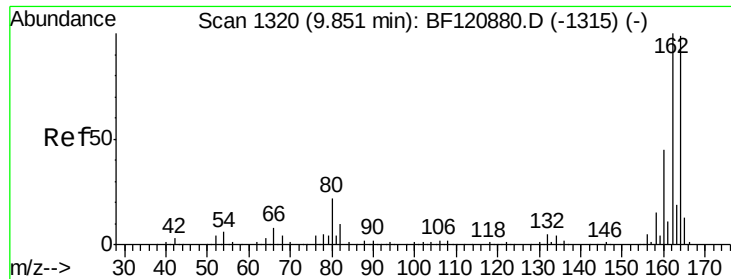
#38
1-Methylnaphthalene
Concen: 5.270 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF120877.D
Acq: 16 Jul 2020 10:14

Tgt Ion:142 Resp: 96284
Ion Ratio Lower Upper
142 100
141 91.4 73.7 110.5
116 3.4 3.0 4.6



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: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF120877.D

Acq: 16 Jul 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

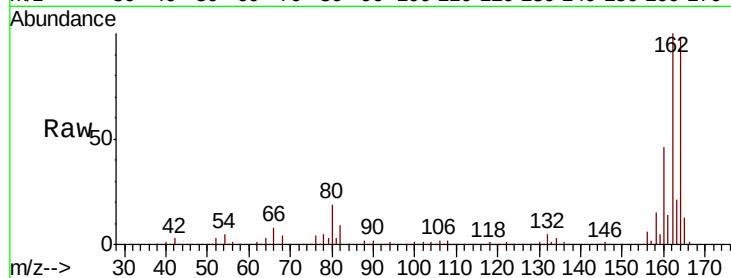
Tot Ion:164 Resp: 295856

Ion Ratio Lower Upper

164 100

162 101.7 81.2 121.8

160 46.5 36.9 55.3

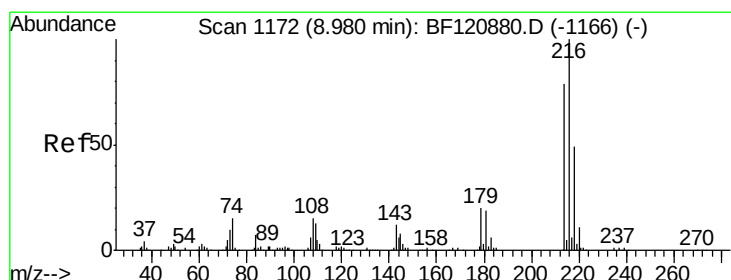
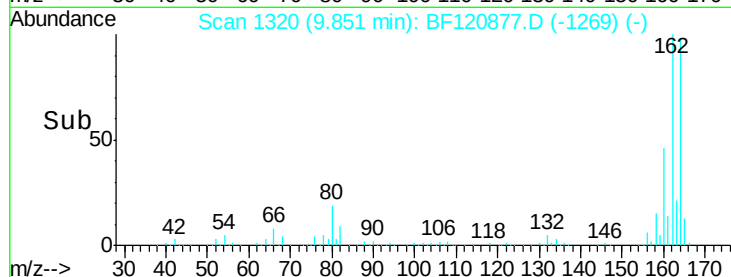
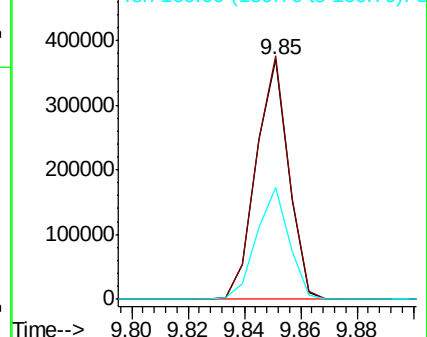


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.159 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF120877.D

Acq: 16 Jul 2020 10:14

Tgt Ion:216 Resp: 46132

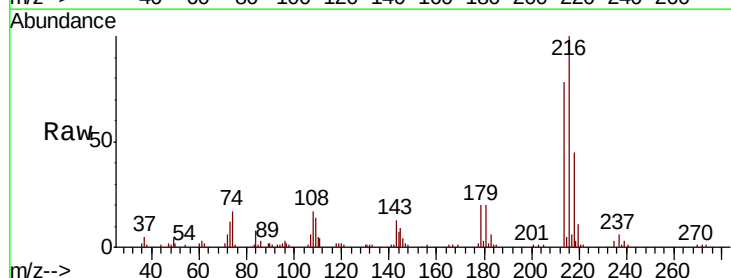
Ion Ratio Lower Upper

216 100

214 78.9 63.8 95.8

179 20.9 16.6 24.8

108 20.5 15.4 23.0



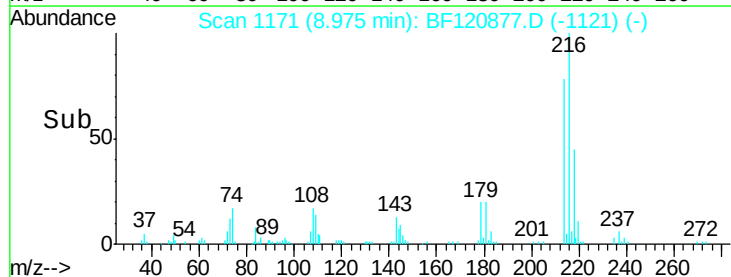
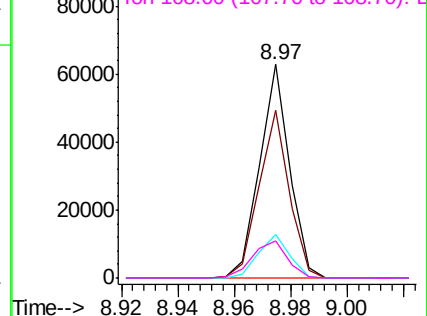
Abundance

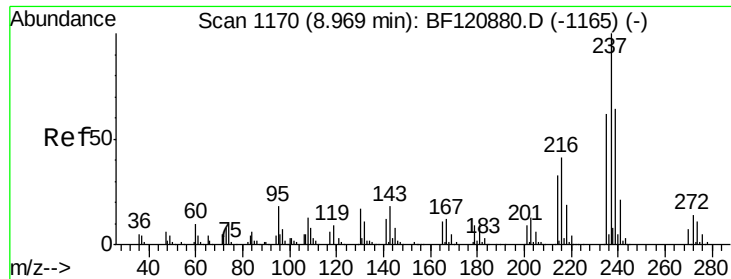
Ion 216.00 (215.70 to 216.70): E

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

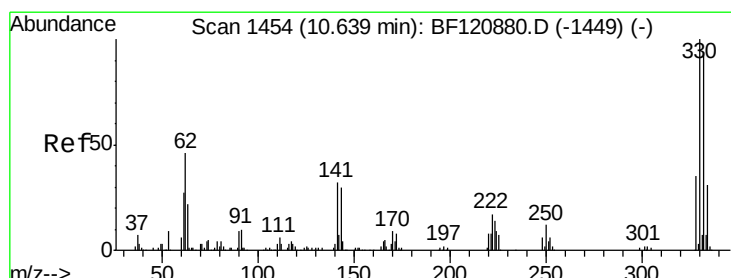
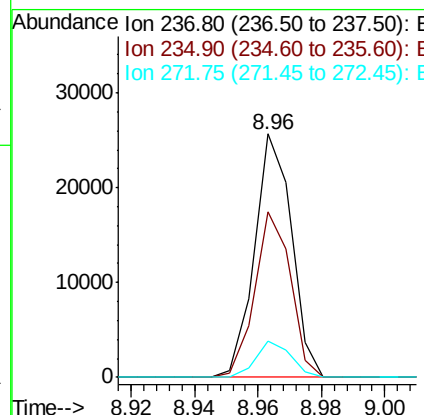
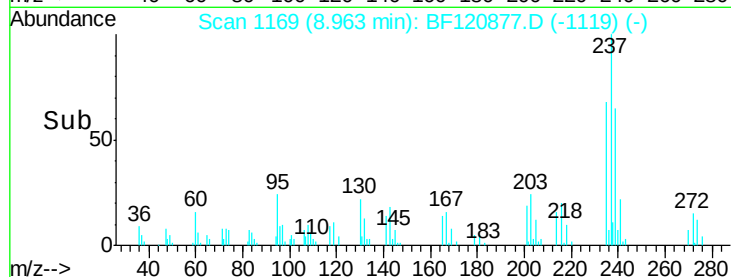
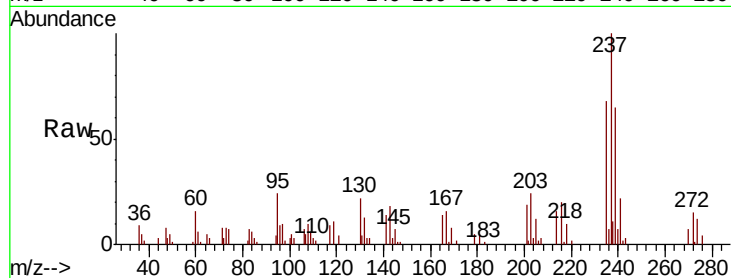




#41
Hexachlorocyclopentadiene
Concen: 3.932 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF120877.D
Acq: 16 Jul 2020 10:14

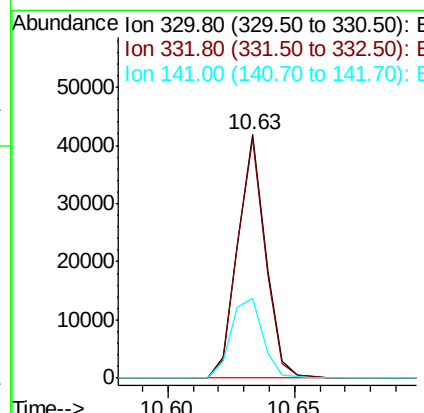
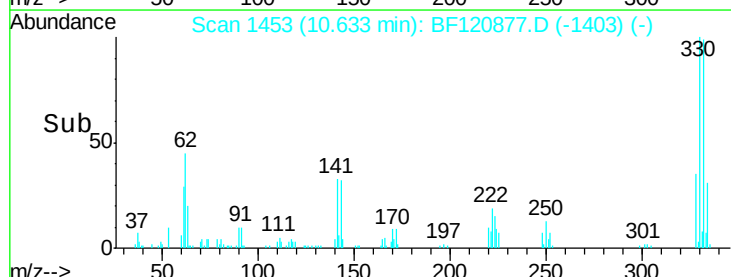
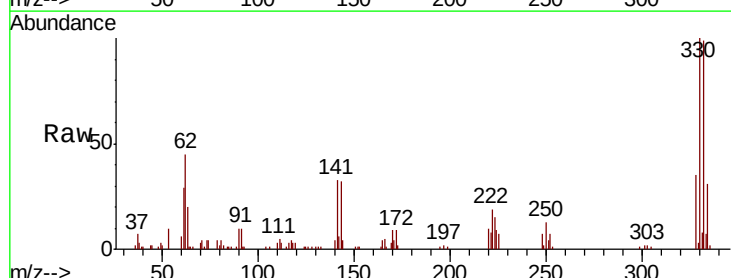
Instrument :
BNA_F
ClientSampleId :
SSTDIC005

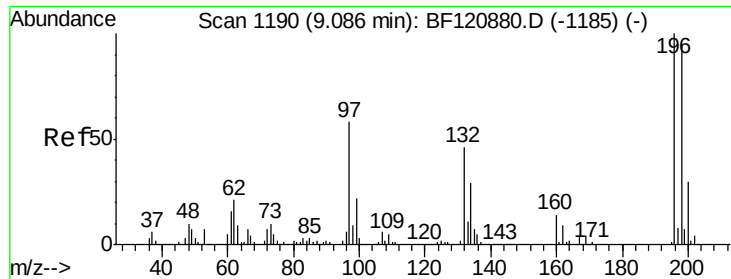
Tot Ion:237 Resp: 20775
Ion Ratio Lower Upper
237 100
235 67.8 41.6 81.6
272 14.9 0.0 33.7



#42
2,4,6-Tribromophenol
Concen: 10.697 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF120877.D
Acq: 16 Jul 2020 10:14

Tgt Ion:330 Resp: 31795
Ion Ratio Lower Upper
330 100
332 98.2 75.5 113.3
141 37.7 25.7 38.5

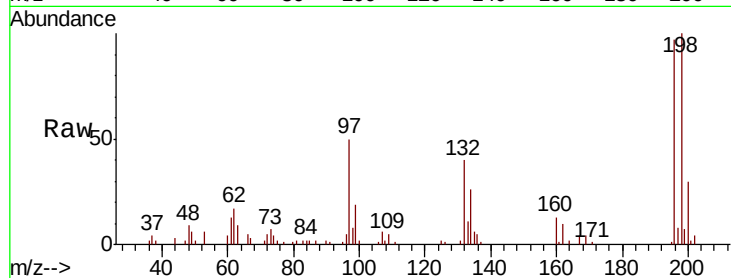




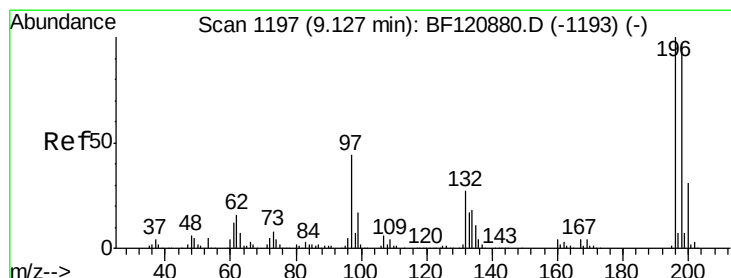
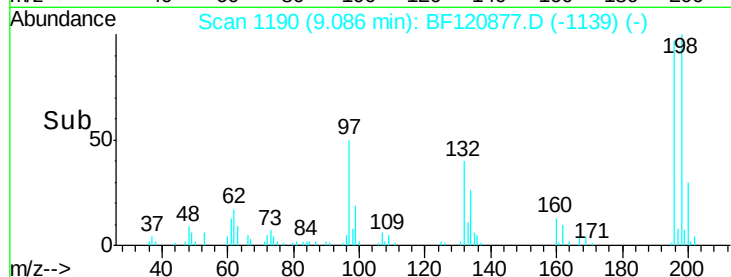
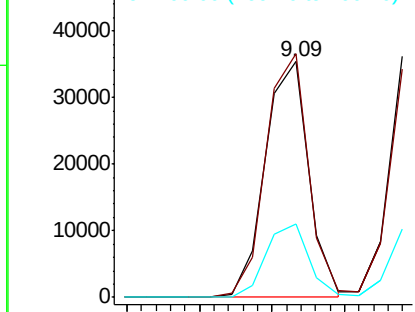
#43
 2,4,6-Trichlorophenol
 Concen: 4.840 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF120877.D
 Acq: 16 Jul 2020 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Tot Ion:196 Resp: 29491
 Ion Ratio Lower Upper
 196 100
 198 103.4 75.7 113.5
 200 31.4 24.4 36.6

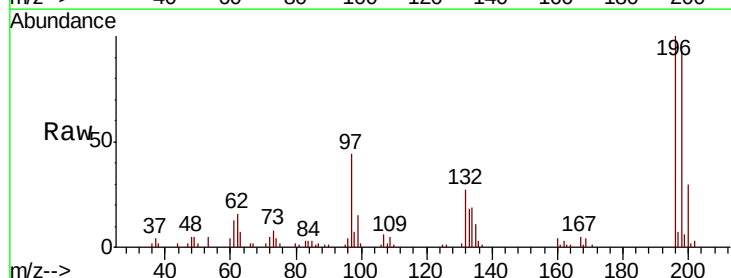


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

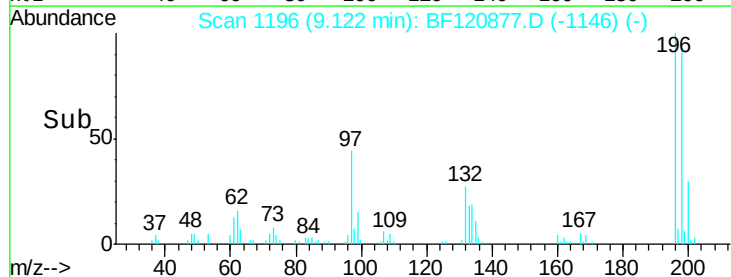
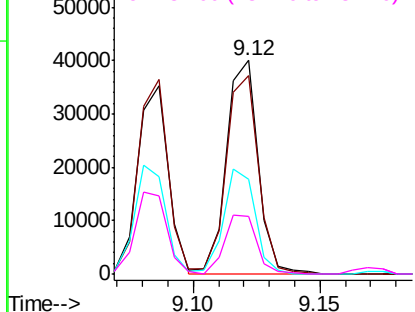


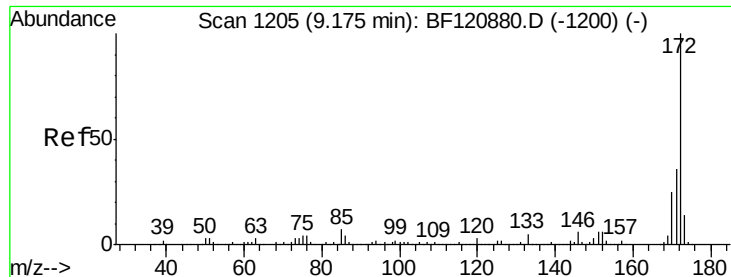
#44
 2,4,5-Trichlorophenol
 Concen: 5.110 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF120877.D
 Acq: 16 Jul 2020 10:14

Tgt Ion:196 Resp: 34554
 Ion Ratio Lower Upper
 196 100
 198 93.0 77.6 116.4
 97 44.3 35.6 53.4
 132 26.9 21.5 32.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

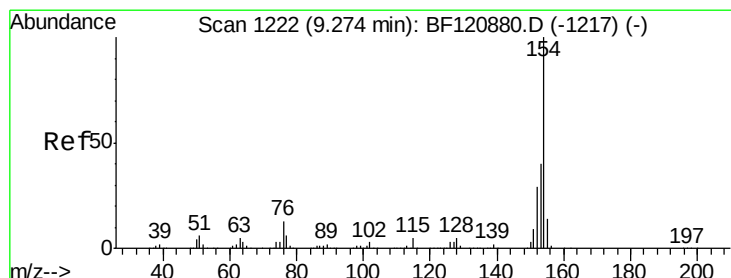
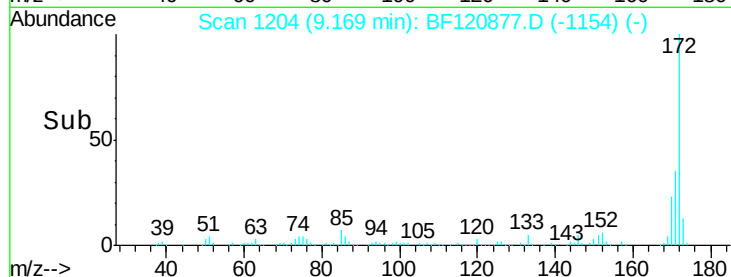
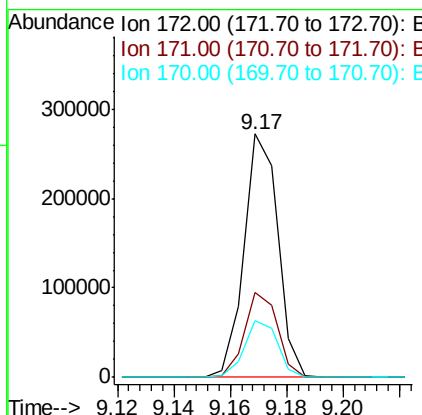
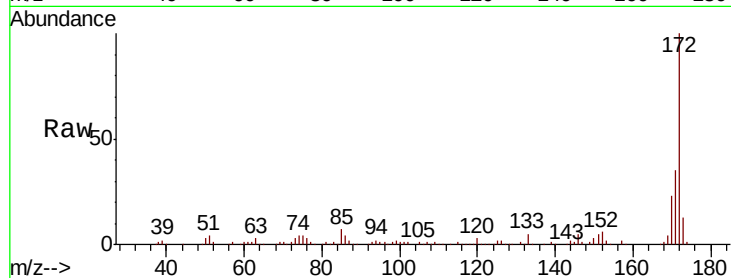




#45
2-Fluorobiphenyl
Concen: 11.554 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF120877.D
Acq: 16 Jul 2020 10:14

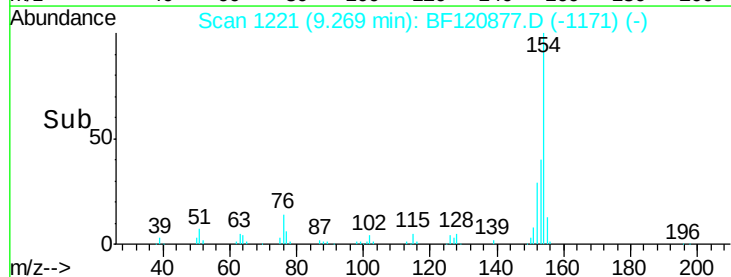
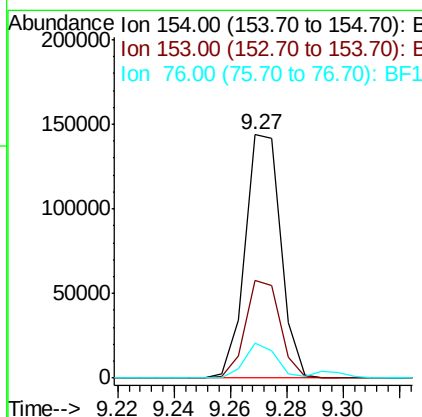
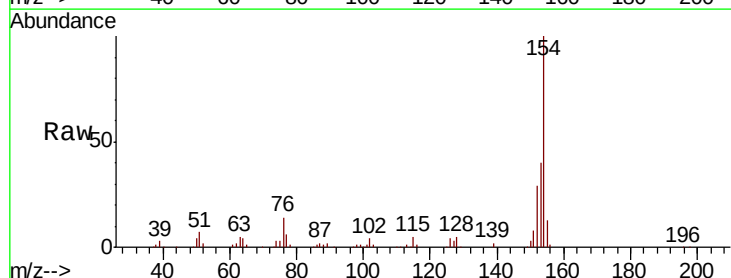
Instrument :
BNA_F
ClientSampleId :
SSTDIC005

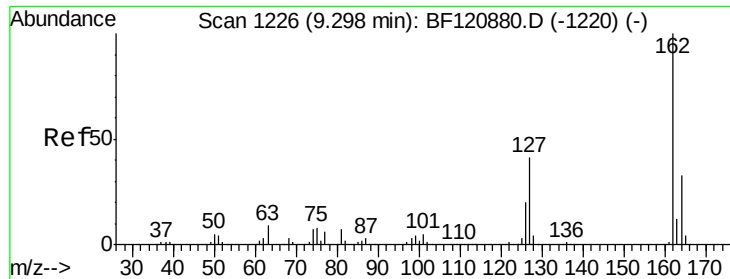
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.0	43.4
170	23.3	19.6	29.4



#46
1,1'-Biphenyl
Concen: 5.276 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF120877.D
Acq: 16 Jul 2020 10:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.4	60.4
76	14.2	0.0	33.1

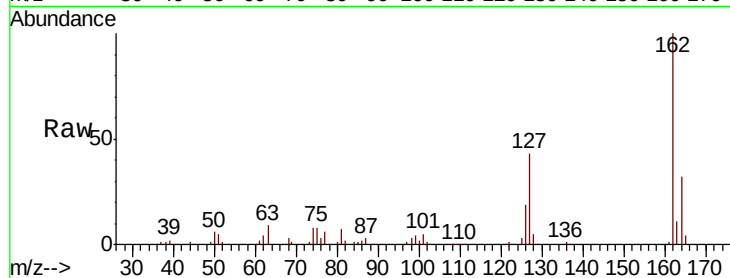




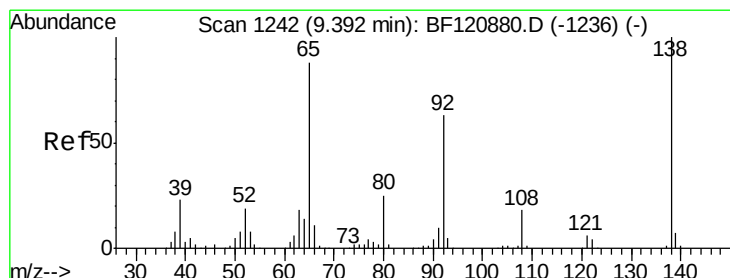
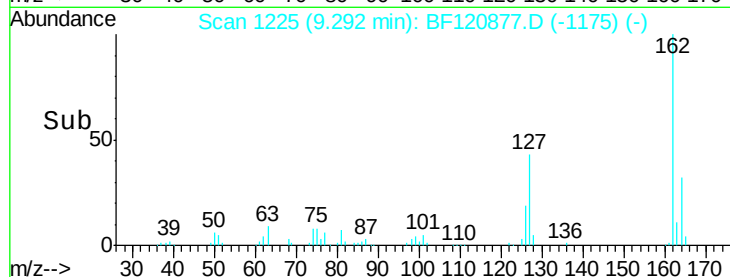
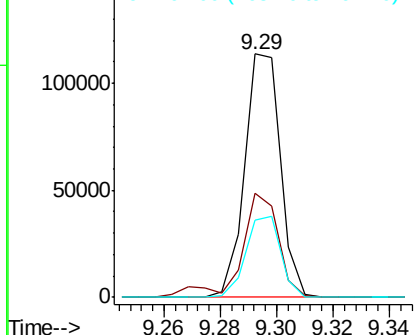
#47
 2-Chloronaphthalene
 Concen: 5.214 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF120877.D
 Acq: 16 Jul 2020 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Tot Ion:162 Resp: 99685
 Ion Ratio Lower Upper
 162 100
 127 42.7 33.3 49.9
 164 31.6 26.6 39.8

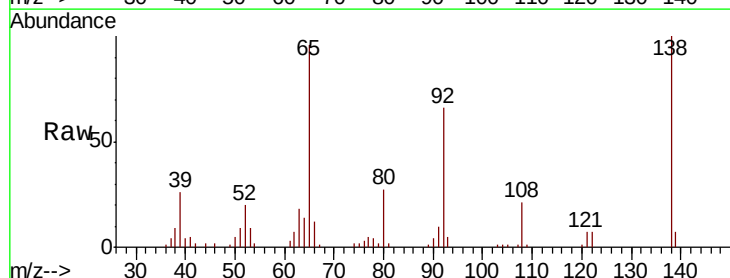


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

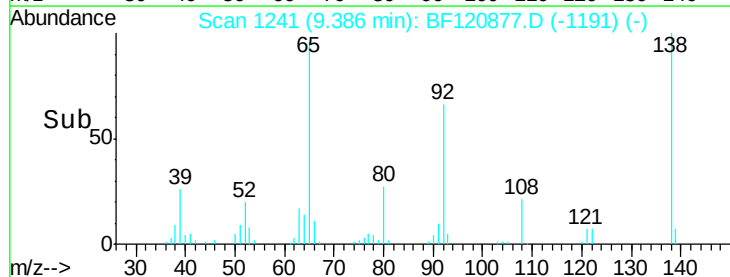
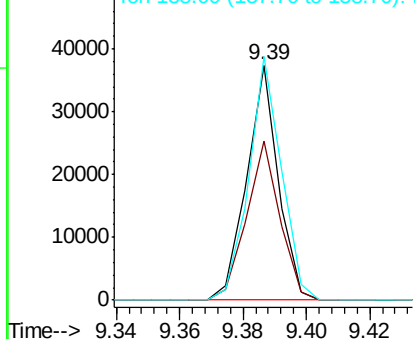


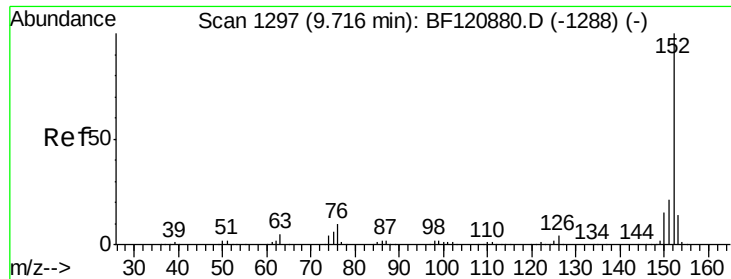
#48
 2-Nitroaniline
 Concen: 5.034 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BF120877.D
 Acq: 16 Jul 2020 10:14

Tgt Ion: 65 Resp: 25749
 Ion Ratio Lower Upper
 65 100
 92 68.1 57.0 85.4
 138 103.8 90.4 135.6



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: 5.279 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF120877.D

Acq: 16 Jul 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

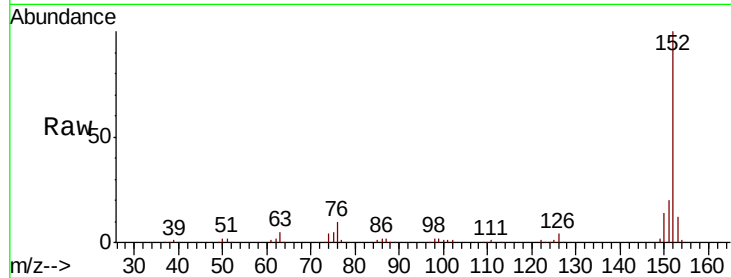
Tot Ion:152 Resp: 158224

Ion Ratio Lower Upper

152 100

151 20.1 16.6 25.0

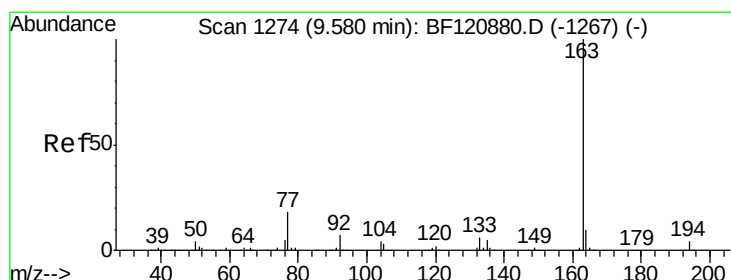
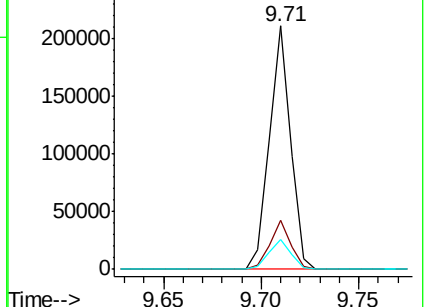
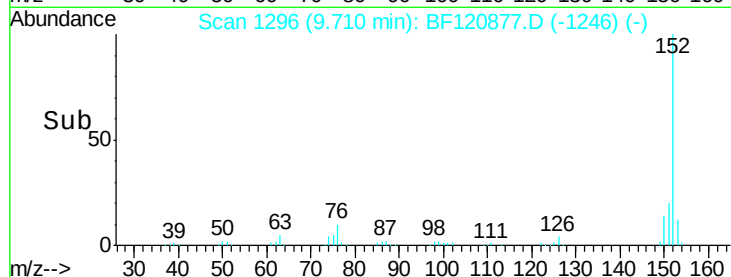
153 12.3 10.9 16.3



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: 5.401 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF120877.D

Acq: 16 Jul 2020 10:14

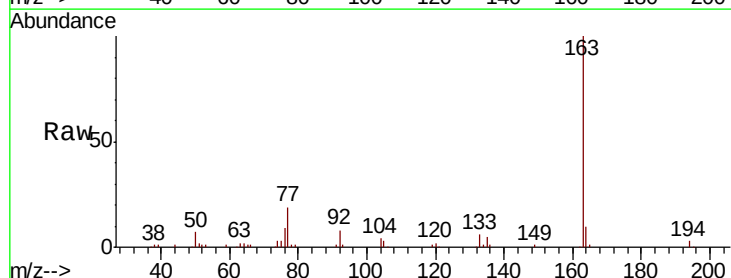
Tgt Ion:163 Resp: 116563

Ion Ratio Lower Upper

163 100

194 3.4 3.2 4.8

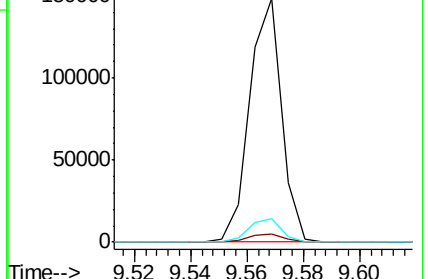
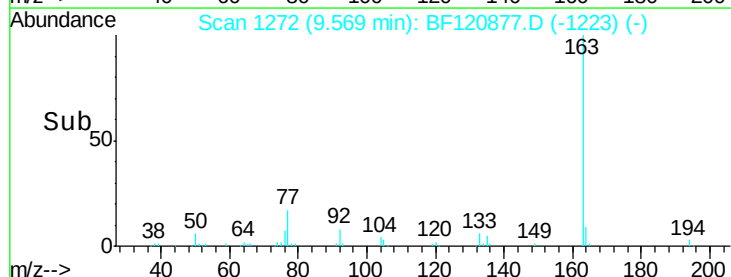
164 9.7 7.9 11.9

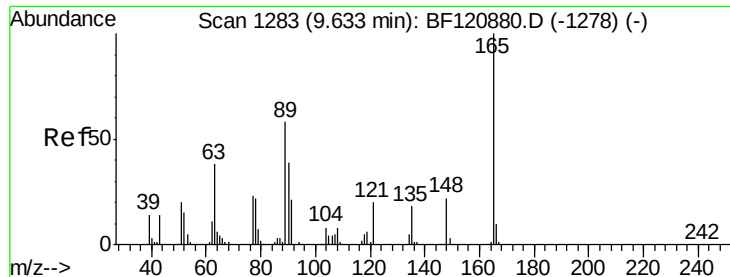


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

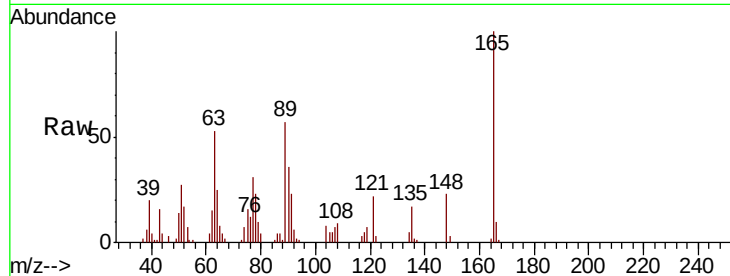




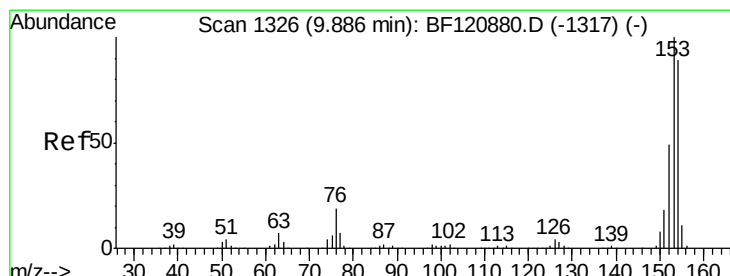
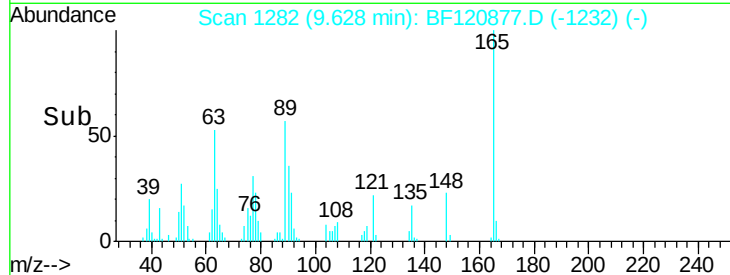
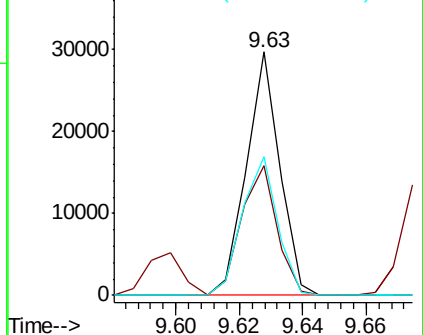
#51
2,6-Dinitrotoluene
Concen: 5.561 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF120877.D
Acq: 16 Jul 2020 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC005

Tot Ion:165 Resp: 21681
Ion Ratio Lower Upper
165 100
63 53.1 45.4 68.2
89 57.1 47.0 70.4

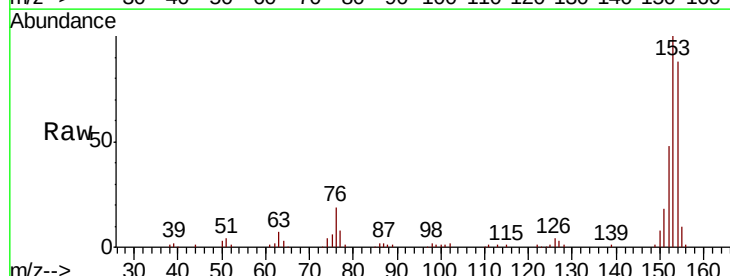


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

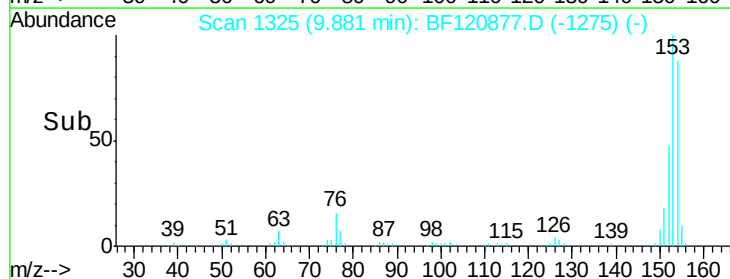
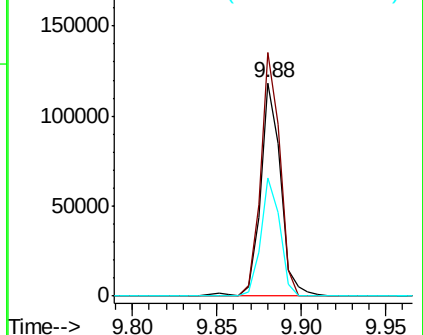


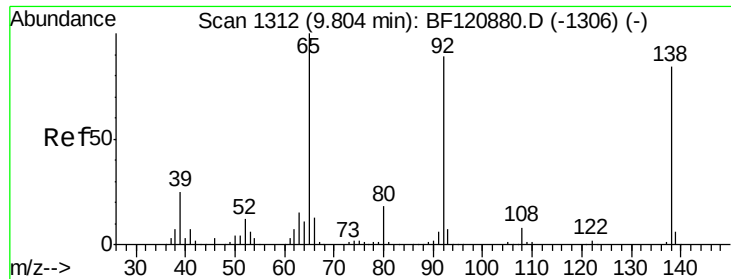
#52
Acenaphthene
Concen: 5.274 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF120877.D
Acq: 16 Jul 2020 10:14

Tgt Ion:154 Resp: 98075
Ion Ratio Lower Upper
154 100
153 114.3 89.5 134.3
152 55.3 44.2 66.2



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

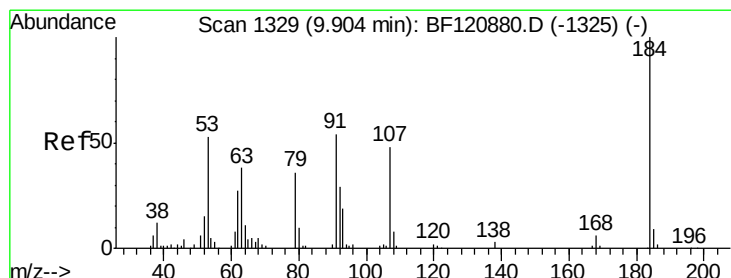
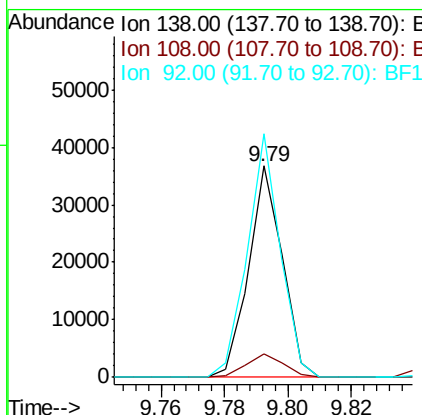
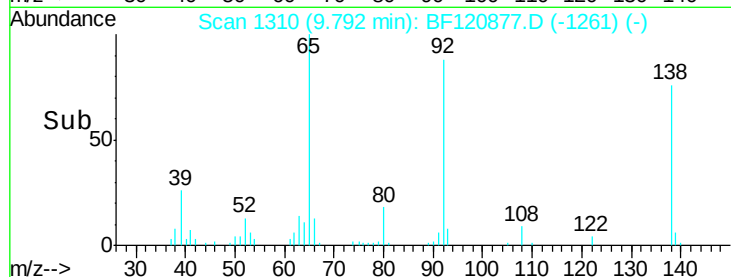
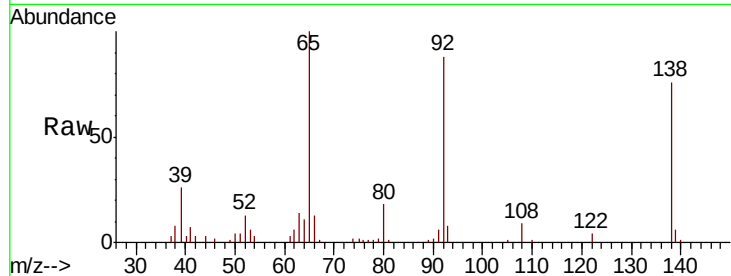




#53
 3-Nitroaniline
 Concen: 5.617 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF120877.D
 Acq: 16 Jul 2020 10:14

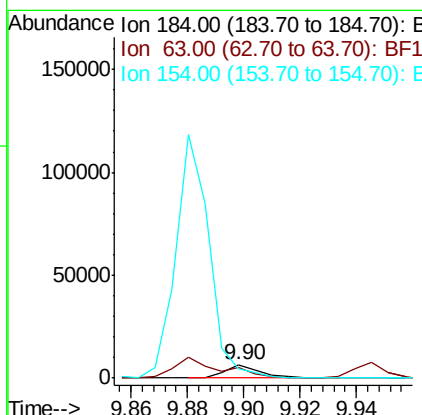
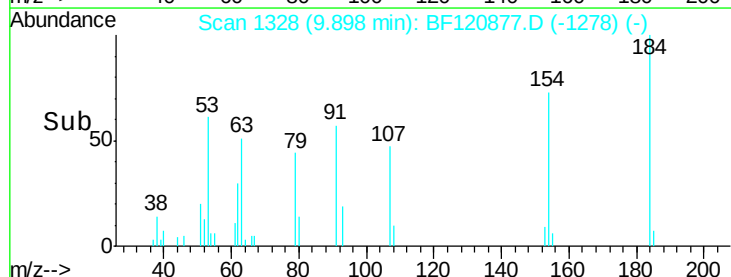
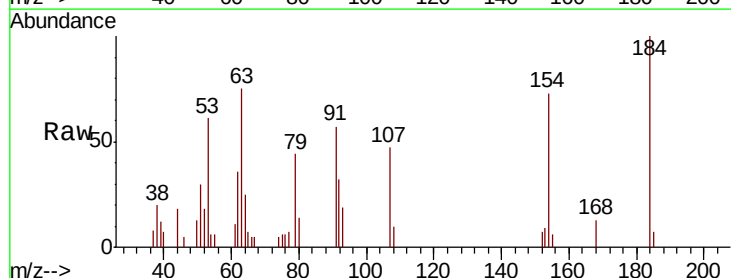
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

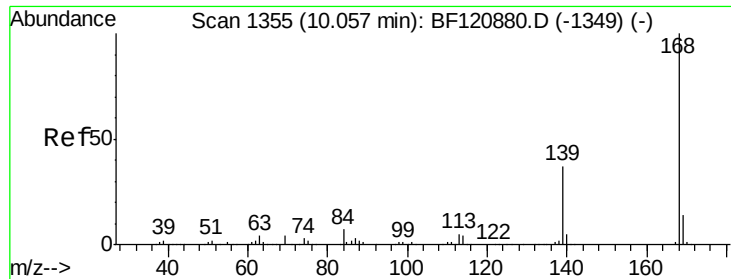
Tot Ion:138 Resp: 27057
 Ion Ratio Lower Upper
 138 100
 108 11.4 7.9 11.9
 92 115.2 85.3 127.9



#54
 2,4-Dinitrophenol
 Concen: 4.276 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF120877.D
 Acq: 16 Jul 2020 10:14

Tgt Ion:184 Resp: 5506
 Ion Ratio Lower Upper
 184 100
 63 75.1 57.9 86.9
 154 73.4 52.6 78.8

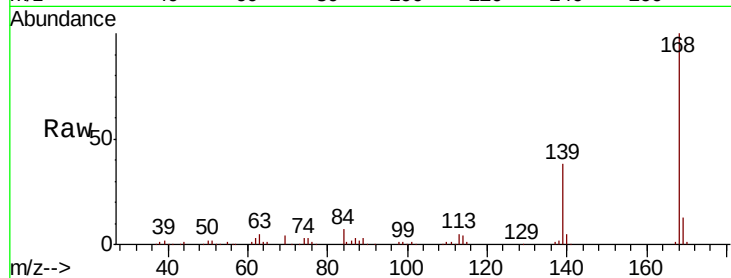




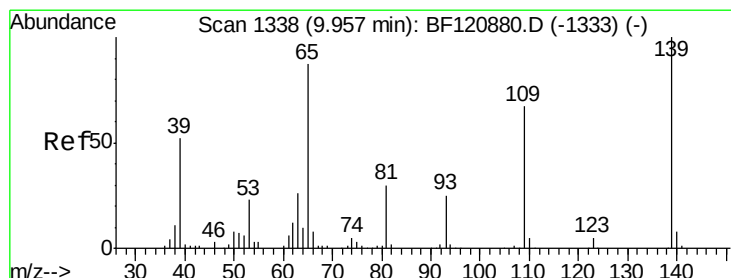
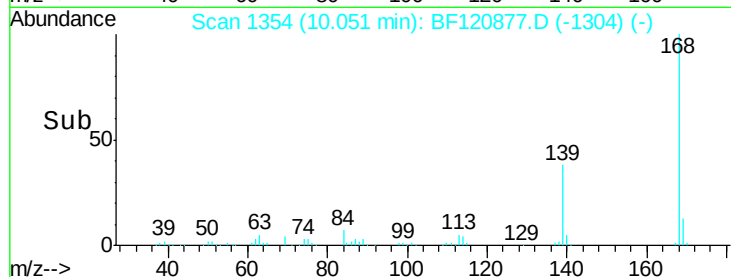
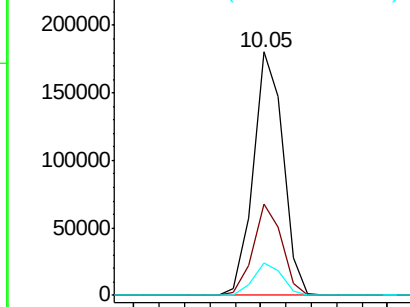
#55
Dibenzenofuran
Concen: 5.517 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF120877.D
Acq: 16 Jul 2020 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC005

Tot Ion:168 Resp: 147882
Ion Ratio Lower Upper
168 100
139 37.6 29.7 44.5
169 13.4 11.1 16.7

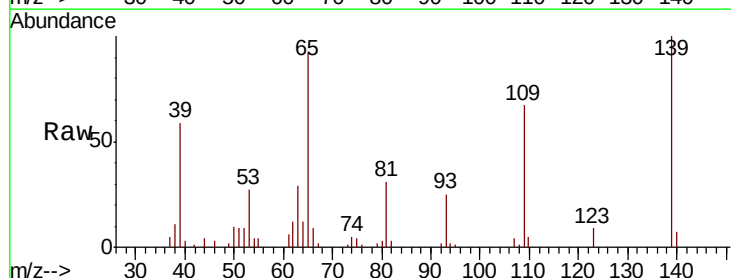


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

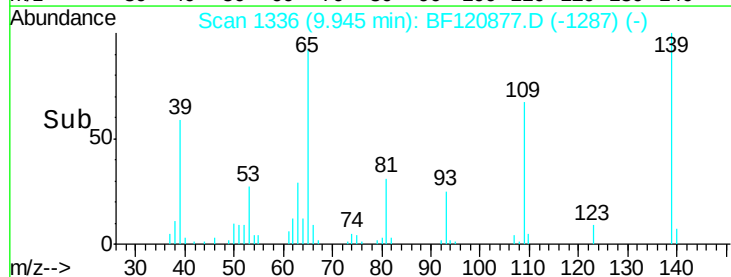
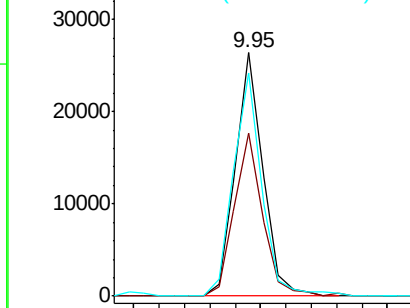


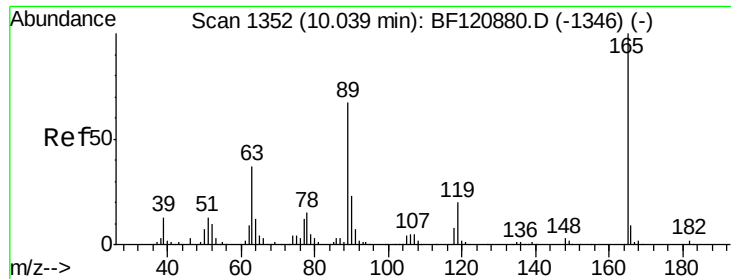
#56
4-Nitrophenol
Concen: 5.622 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF120877.D
Acq: 16 Jul 2020 10:14

Tgt Ion:139 Resp: 19891
Ion Ratio Lower Upper
139 100
109 66.8 47.3 87.3
65 91.8 67.2 107.2



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

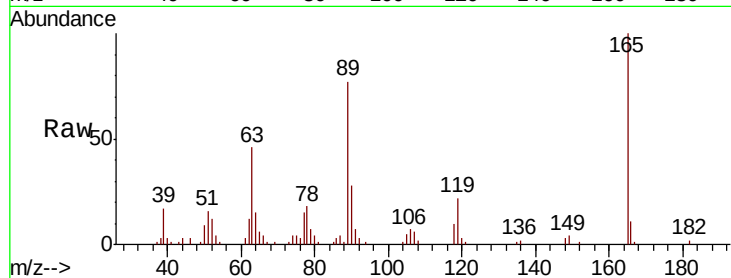




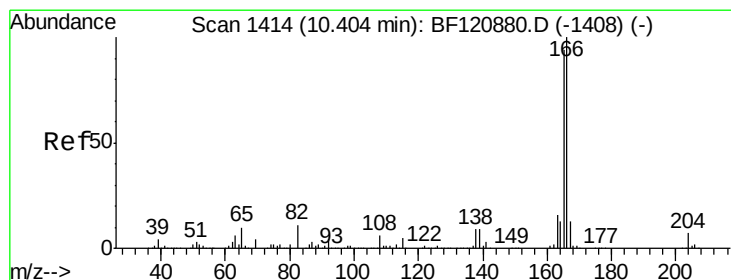
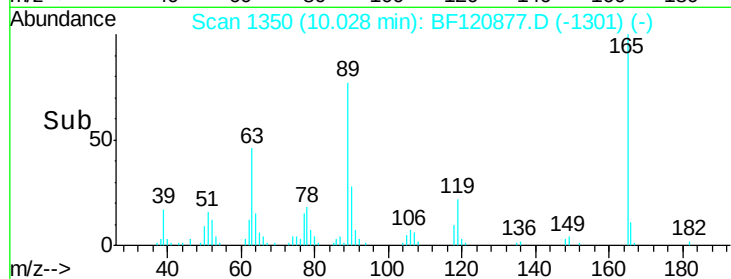
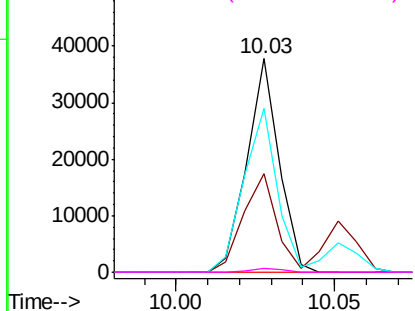
#57
 2,4-Dinitrotoluene
 Concen: 5.697 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. -0.01 min
 Lab File: BF120877.D
 Acq: 16 Jul 2020 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Tot Ion:165	Resp:	26668
Ion Ratio	Lower	Upper
165	100	
63	45.9	29.4 44.2#
89	77.0	53.4 80.0
182	2.0	1.8 2.6

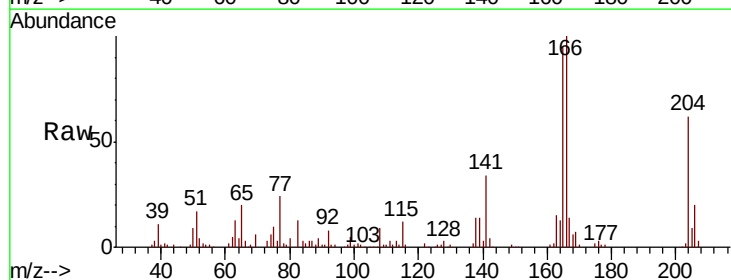


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

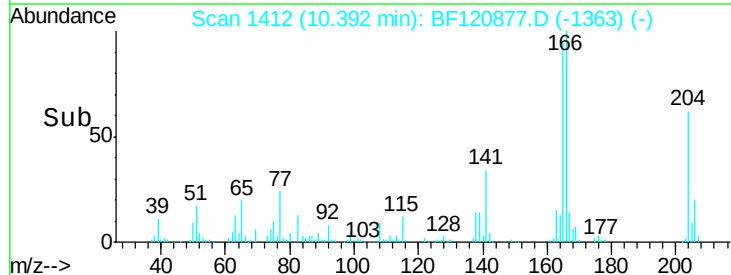
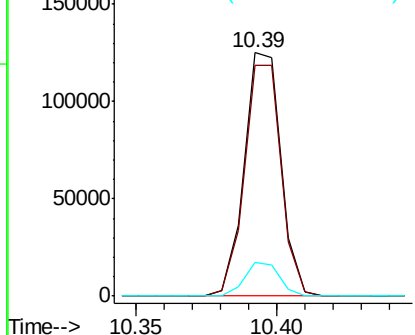


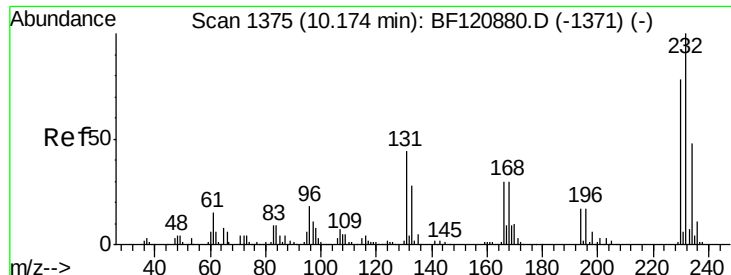
#58
 Fluorene
 Concen: 5.642 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF120877.D
 Acq: 16 Jul 2020 10:14

Tgt Ion:166	Resp:	112556
Ion Ratio	Lower	Upper
166	100	
165	94.7	75.4 113.0
167	13.7	10.6 15.8



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

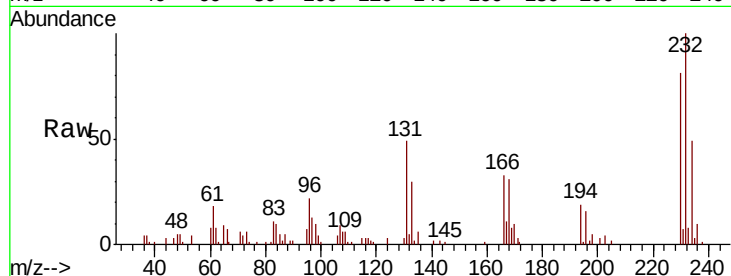




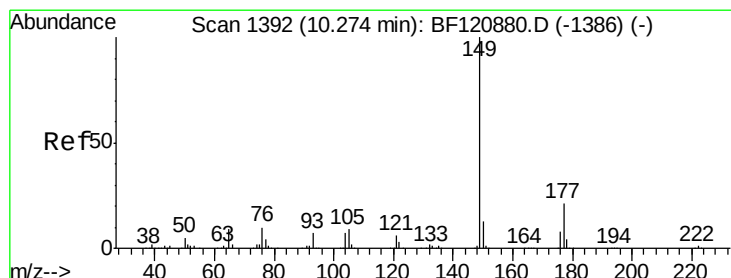
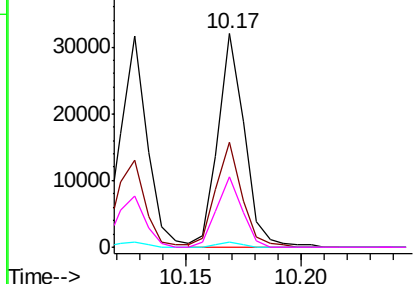
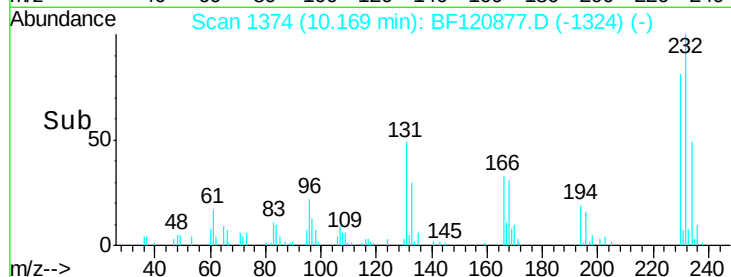
#59
2,3,4,6-Tetrachlorophenol
Concen: 5.081 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BF120877.D
Acq: 16 Jul 2020 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC005

Tot Ion:232 Resp: 25566
Ion Ratio Lower Upper
232 100
131 48.7 37.1 55.7
130 2.2 1.7 2.5
166 31.4 24.2 36.4

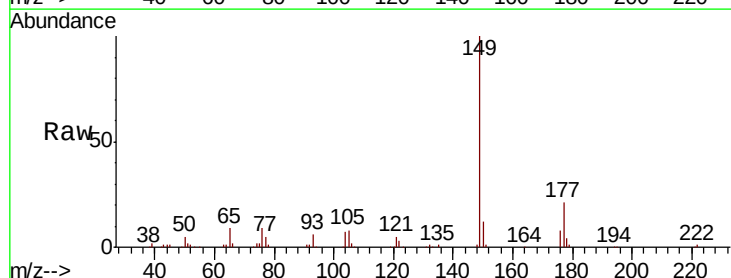


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

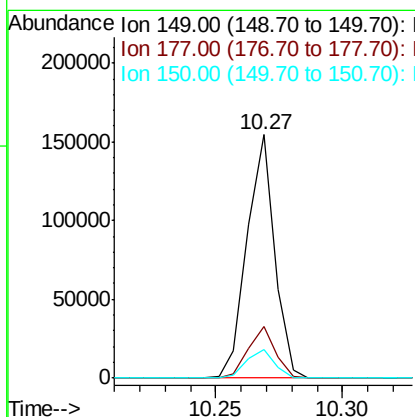
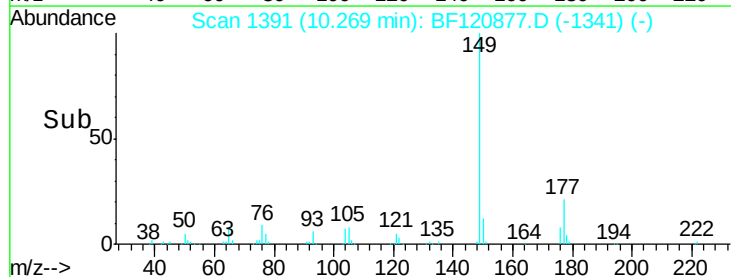


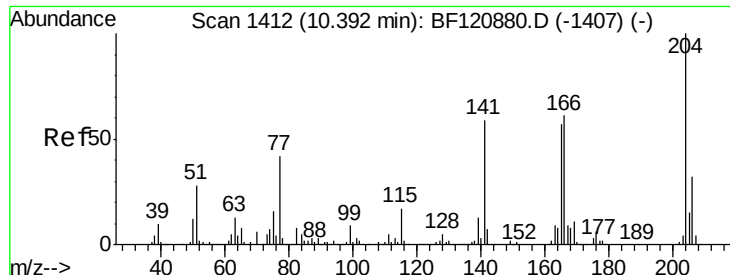
#60
Diethylphthalate
Concen: 5.215 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF120877.D
Acq: 16 Jul 2020 10:14

Tgt Ion:149 Resp: 117250
Ion Ratio Lower Upper
149 100
177 21.1 17.1 25.7
150 11.9 10.3 15.5



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

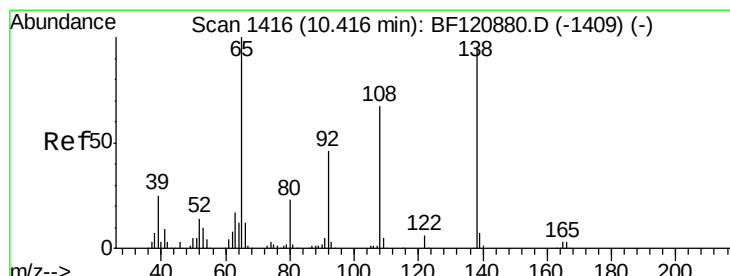
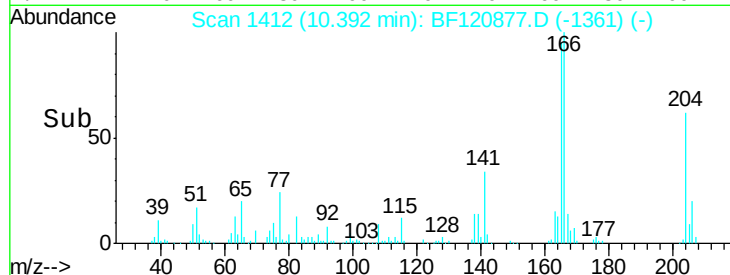
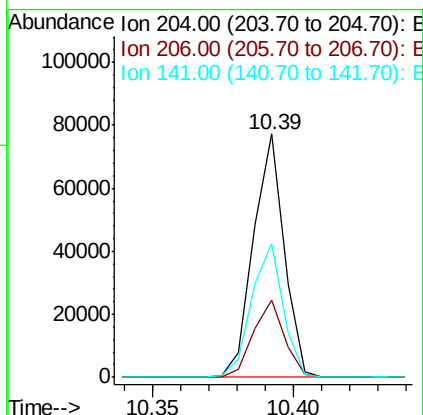
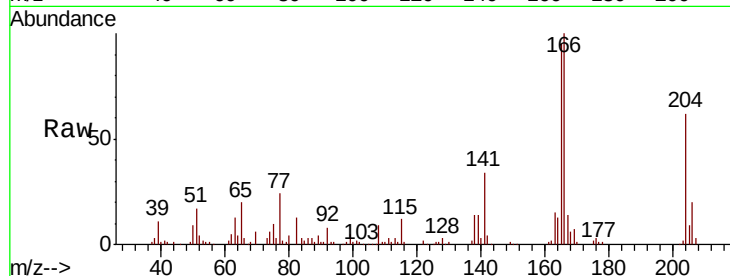




#61
 4-Chlorophenyl-phenylether
 Concen: 5.825 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF120877.D
 Acq: 16 Jul 2020 10:14

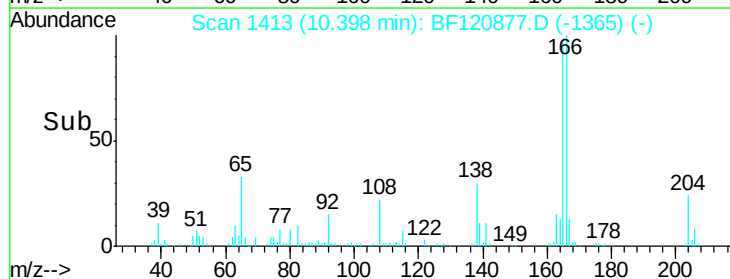
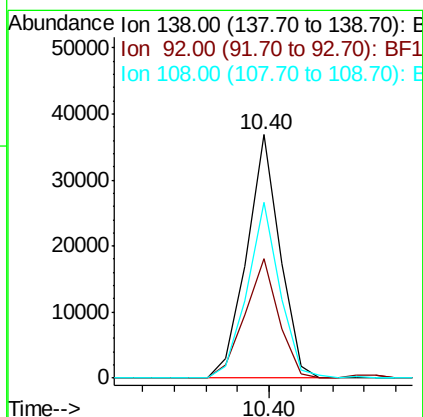
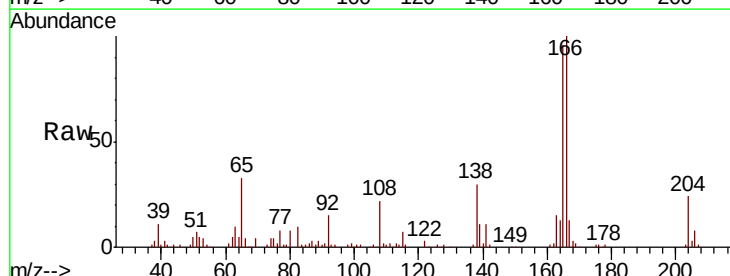
Instrument :
 BNA_F
 ClientSampled :
 SSTDICC005

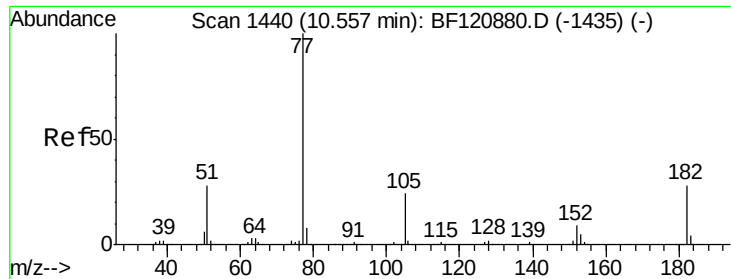
Tot Ion:204 Resp: 58425
 Ion Ratio Lower Upper
 204 100
 206 31.8 25.9 38.9
 141 54.8 47.2 70.8



#62
 4-Nitroaniline
 Concen: 5.835 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.02 min
 Lab File: BF120877.D
 Acq: 16 Jul 2020 10:14

Tgt Ion:138 Resp: 26755
 Ion Ratio Lower Upper
 138 100
 92 49.2 28.6 68.6
 108 72.3 51.1 91.1





#63

Azobenzene

Concen: 4.848 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF120877.D

Acq: 16 Jul 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

Tot Ion: 77 Resp: 111503

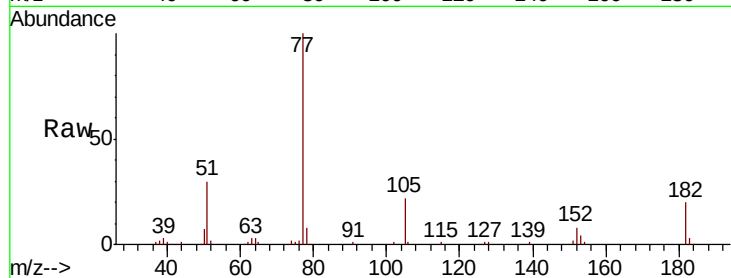
Ion Ratio Lower Upper

77 100

182 20.1 7.8 47.8

105 22.2 4.4 44.4

51 30.2 8.0 48.0

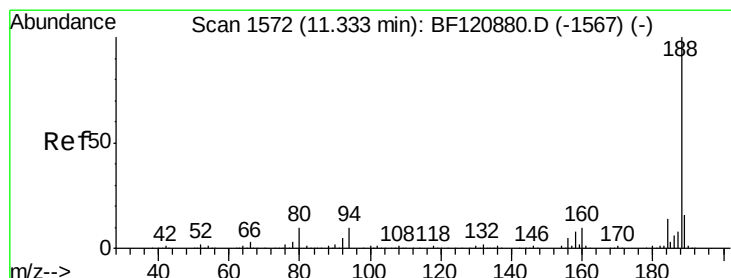
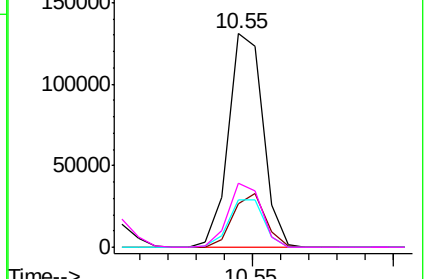
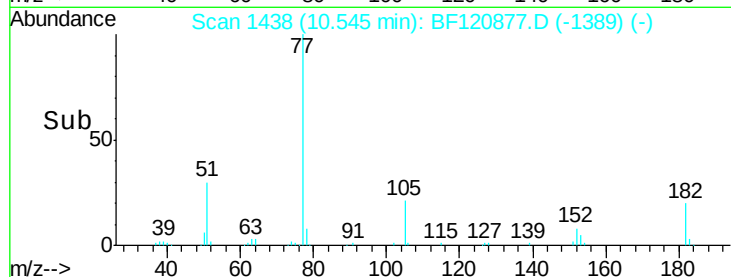


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF120877.D

Acq: 16 Jul 2020 10:14

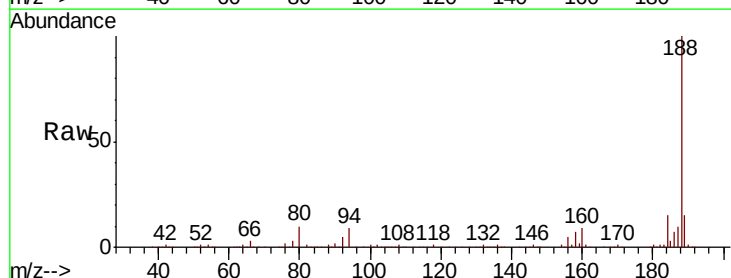
Tgt Ion: 188 Resp: 572283

Ion Ratio Lower Upper

188 100

94 9.3 8.0 12.0

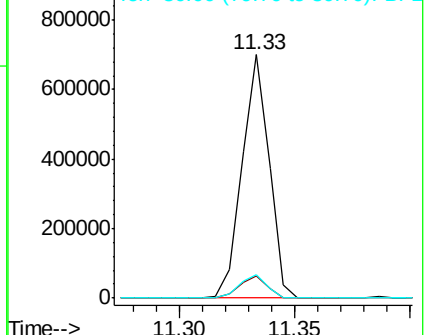
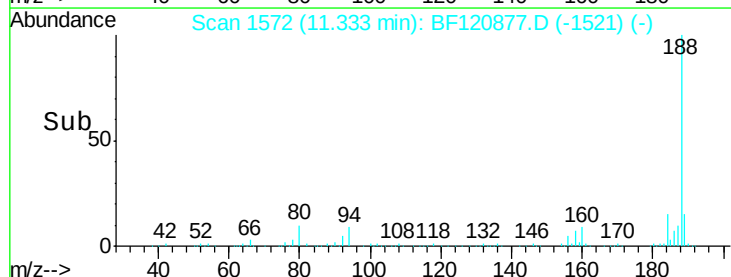
80 9.6 8.3 12.5

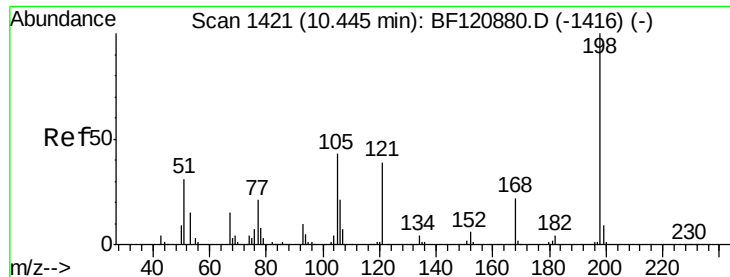


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 5.133 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF120877.D

Acq: 16 Jul 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

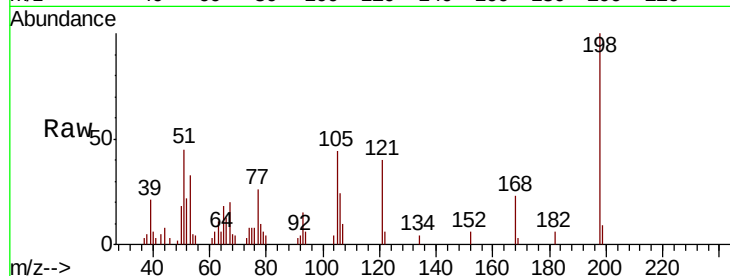
Tot Ion:198 Resp: 9438

Ion Ratio Lower Upper

198 100

51 44.6 19.5 59.5

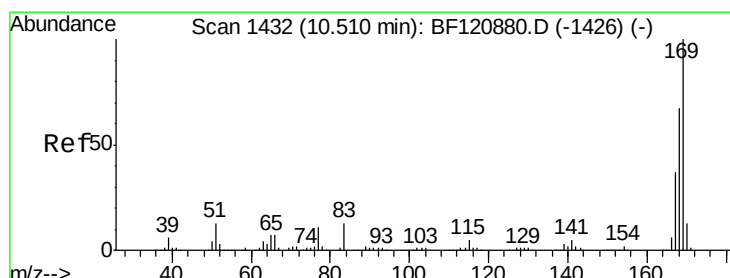
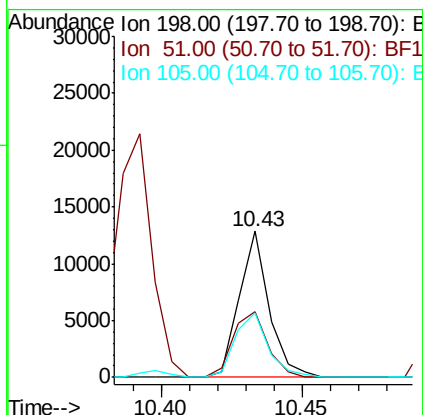
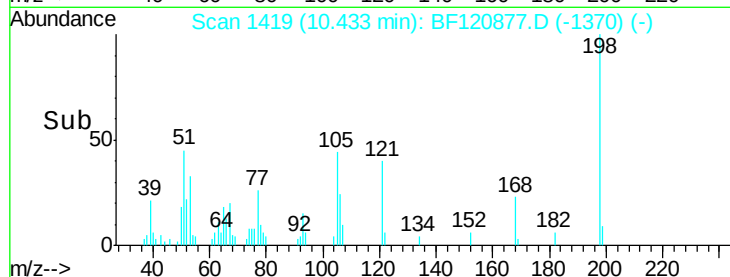
105 43.8 24.4 64.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 5.014 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF120877.D

Acq: 16 Jul 2020 10:14

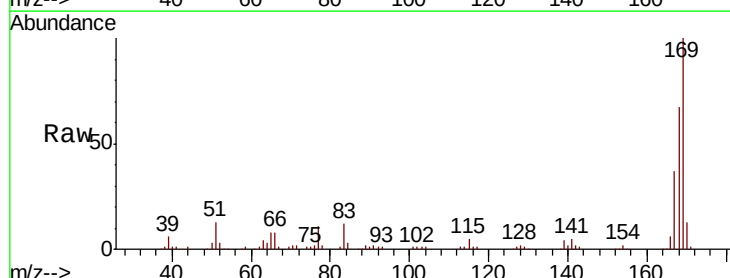
Tgt Ion:169 Resp: 96182

Ion Ratio Lower Upper

169 100

168 67.0 53.4 80.0

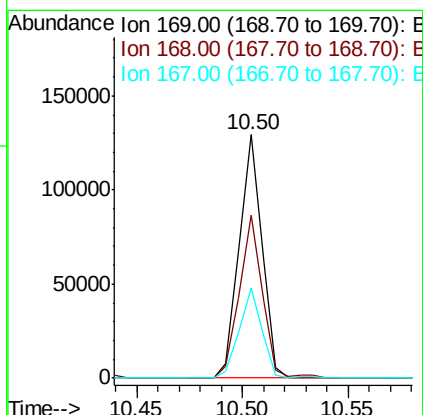
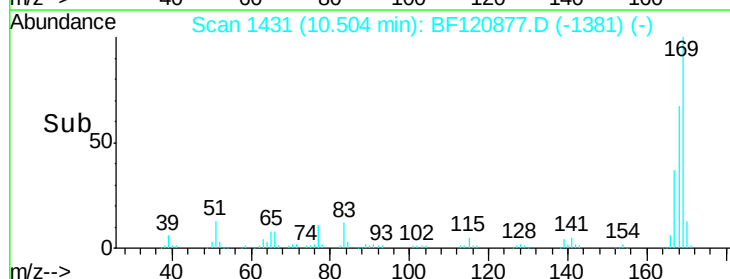
167 37.2 29.4 44.0

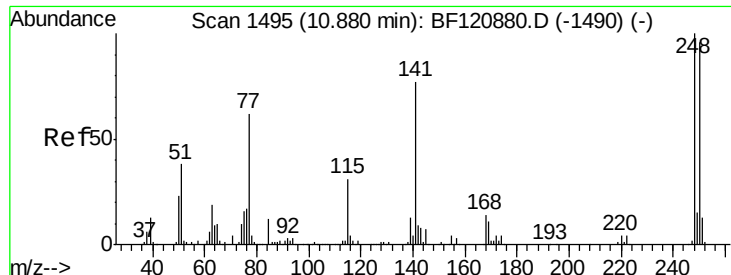


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

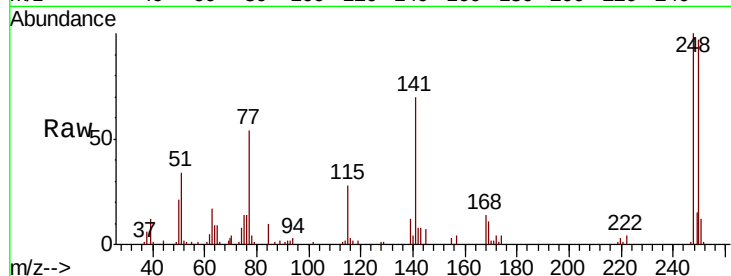




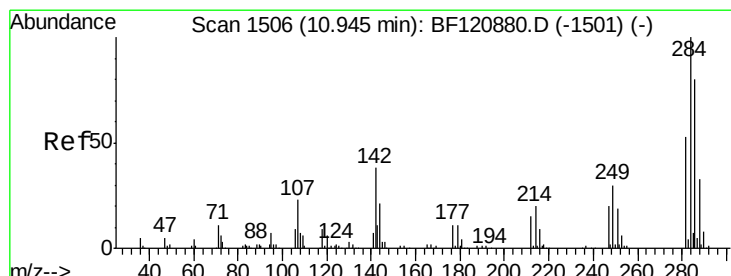
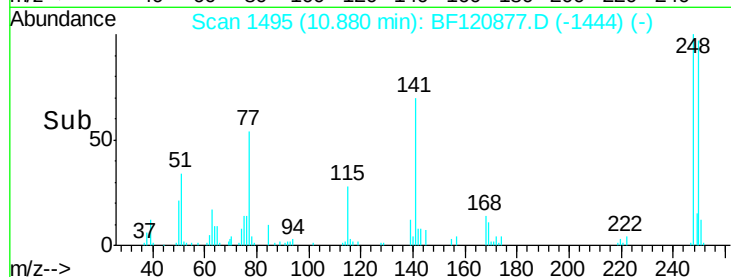
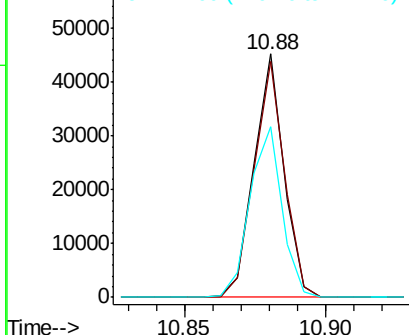
#67
 4-Bromophenyl-phenylether
 Concen: 5.008 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF120877.D
 Acq: 16 Jul 2020 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Tot Ion:248 Resp: 33246
 Ion Ratio Lower Upper
 248 100
 250 96.9 77.1 115.7
 141 69.9 61.2 91.8

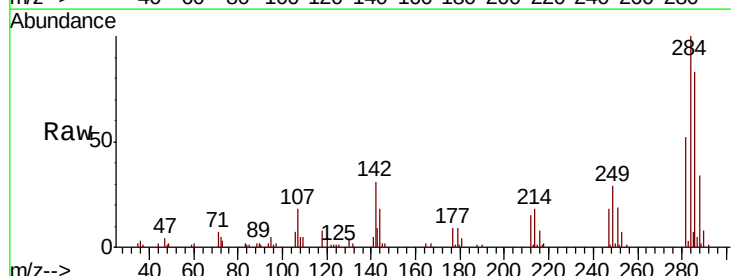


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

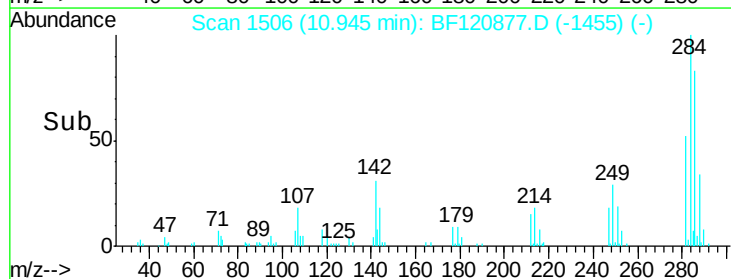
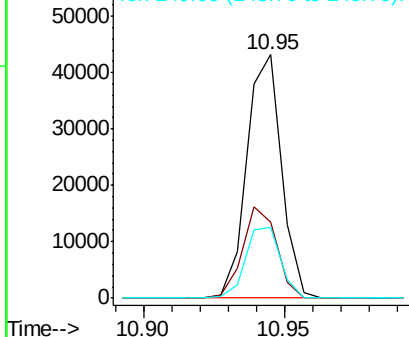


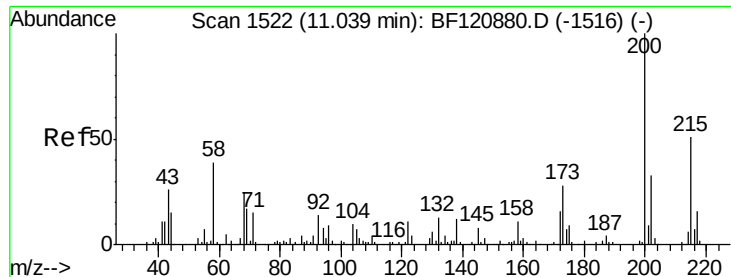
#68
 Hexachlorobenzene
 Concen: 5.269 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. 0.00 min
 Lab File: BF120877.D
 Acq: 16 Jul 2020 10:14

Tgt Ion:284 Resp: 36706
 Ion Ratio Lower Upper
 284 100
 142 31.1 30.2 45.2
 249 29.2 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 4.533 ng

RT: 11.03 min Scan# 1520

Delta R.T. -0.01 min

Lab File: BF120877.D

Acq: 16 Jul 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

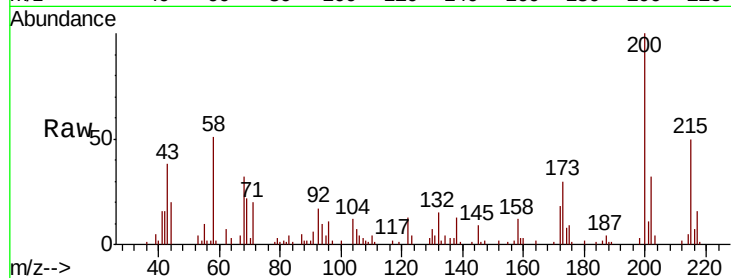
Tot Ion:200 Resp: 22402

Ion Ratio Lower Upper

200 100

173 30.1 8.0 48.0

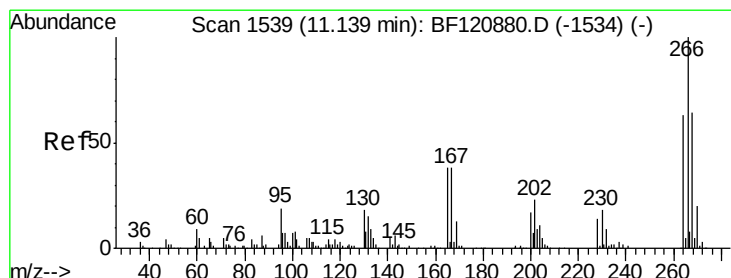
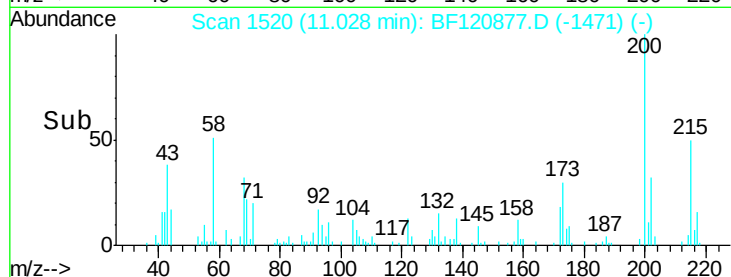
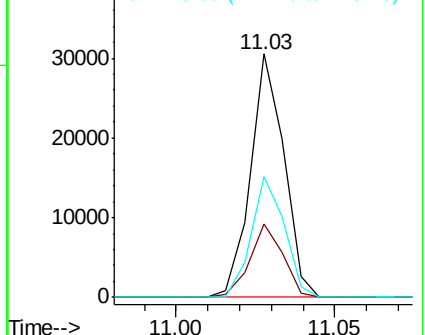
215 49.8 31.5 71.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 4.087 ng

RT: 11.13 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BF120877.D

Acq: 16 Jul 2020 10:14

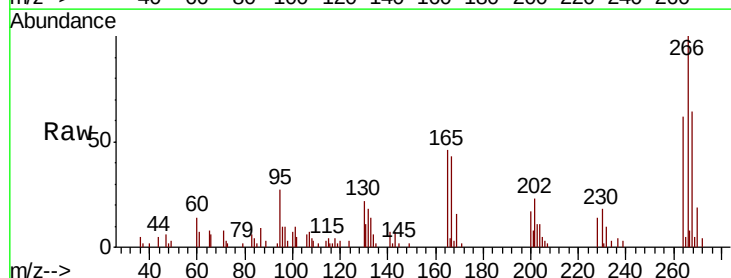
Tgt Ion:266 Resp: 16107

Ion Ratio Lower Upper

266 100

268 63.7 51.1 76.7

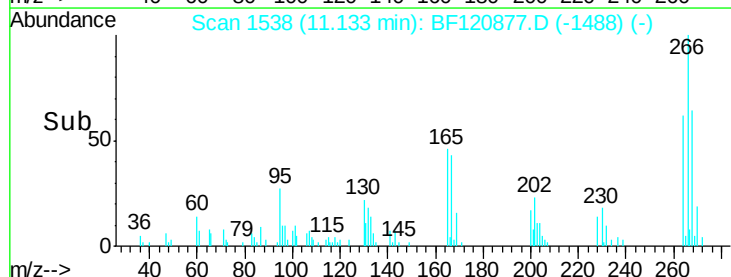
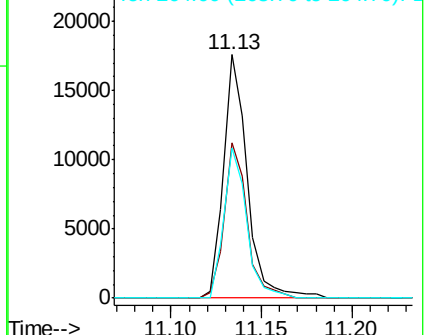
264 61.7 50.2 75.2

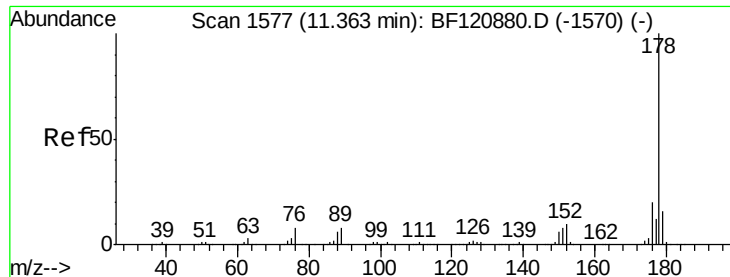


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

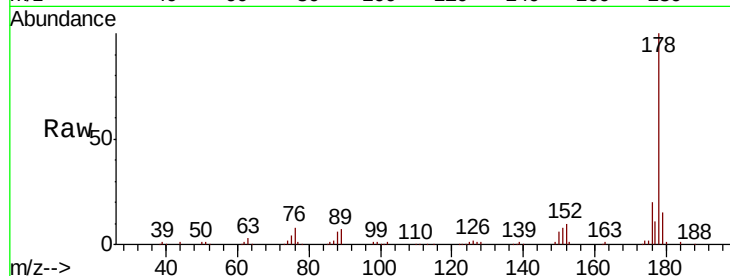




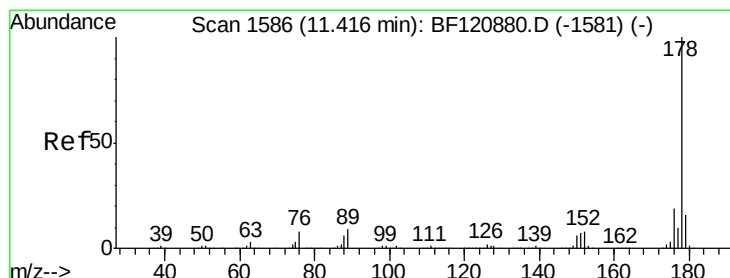
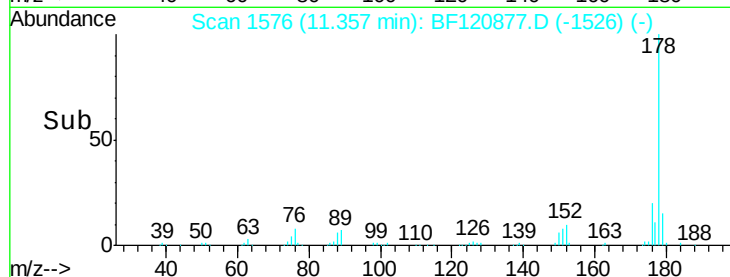
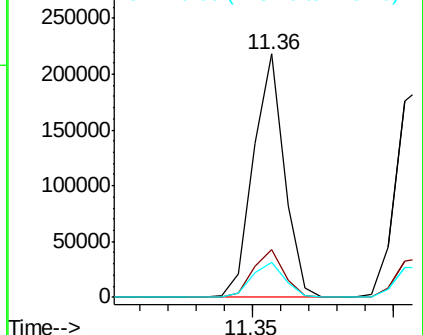
#71
Phenanthrene
Concen: 5.342 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF120877.D
Acq: 16 Jul 2020 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	14.6	12.8	19.2

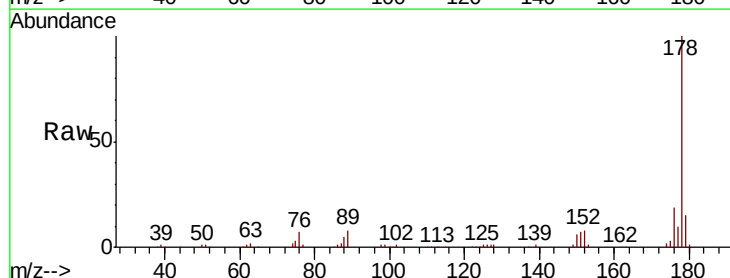


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

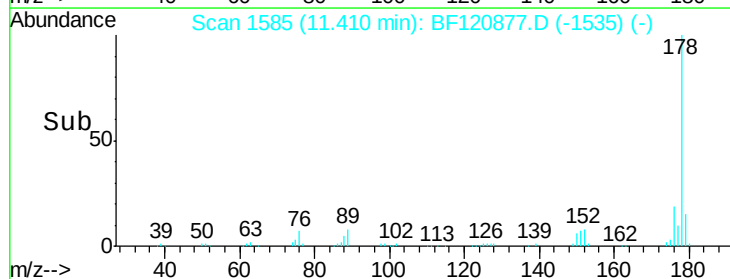
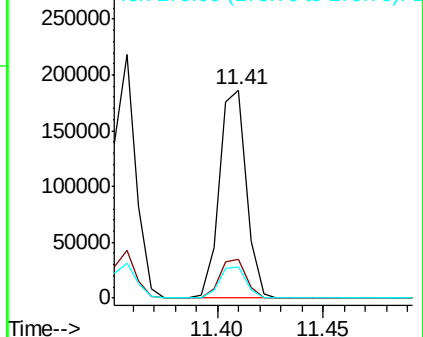


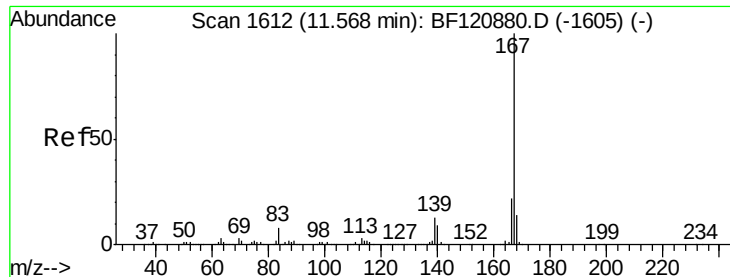
#72
Anthracene
Concen: 5.253 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF120877.D
Acq: 16 Jul 2020 10:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.5	23.3
179	14.7	12.8	19.2



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: 5.325 ng

RT: 11.56 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BF120877.D

Acq: 16 Jul 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

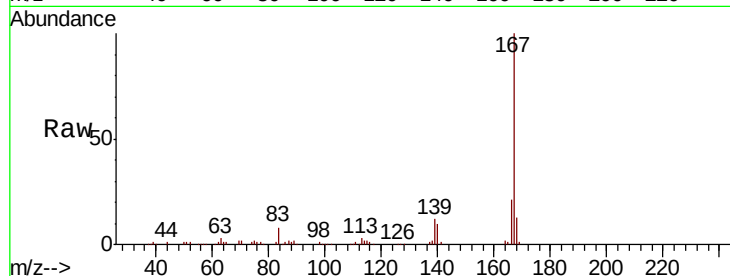
Tot Ion:167 Resp: 160563

Ion Ratio Lower Upper

167 100

166 20.9 17.7 26.5

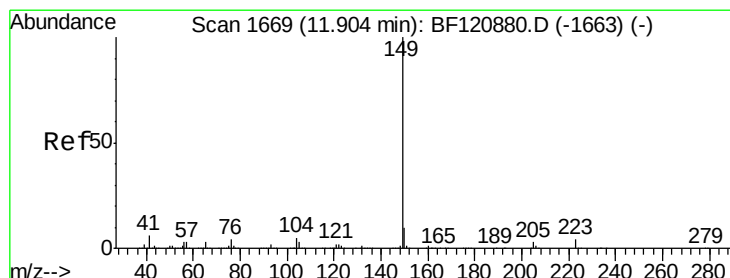
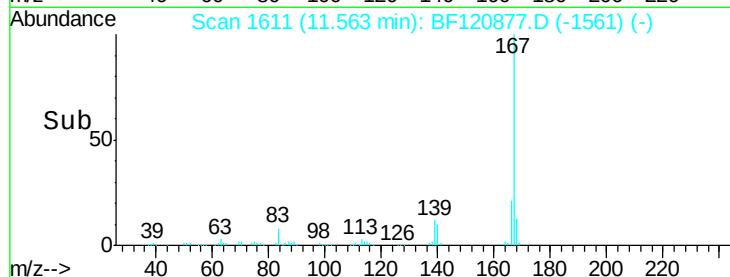
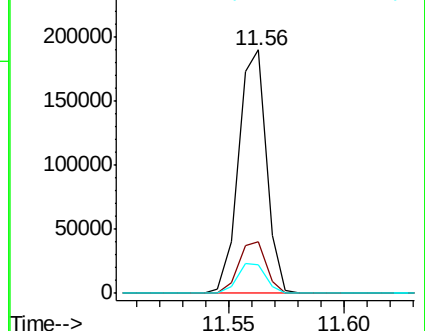
139 11.9 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 4.801 ng

RT: 11.90 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BF120877.D

Acq: 16 Jul 2020 10:14

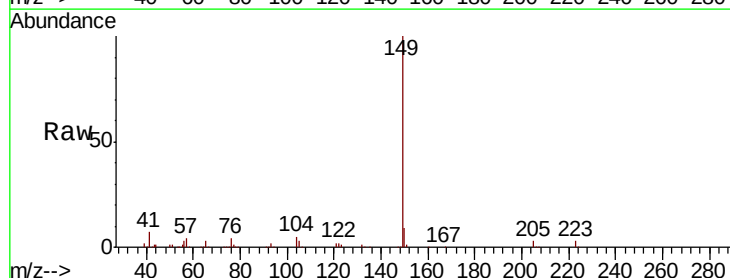
Tgt Ion:149 Resp: 179220

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

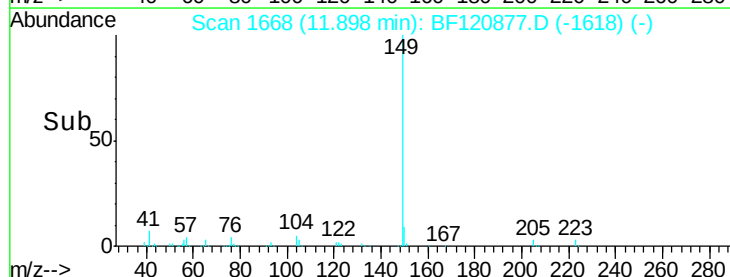
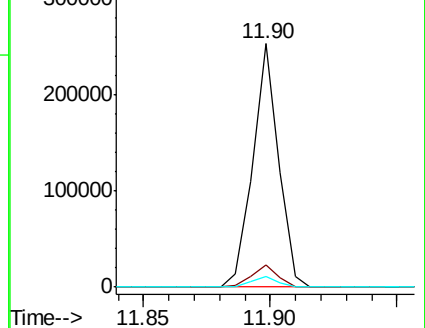
104 4.6 3.8 5.6

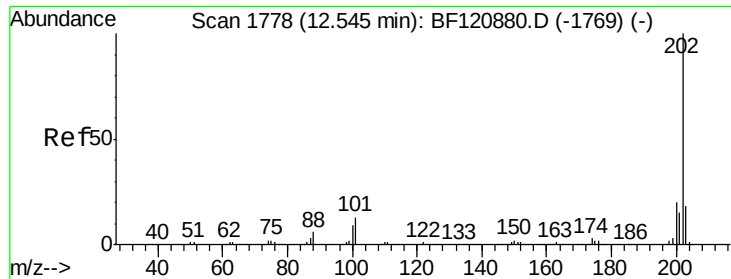


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 5.433 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF120877.D

Acq: 16 Jul 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

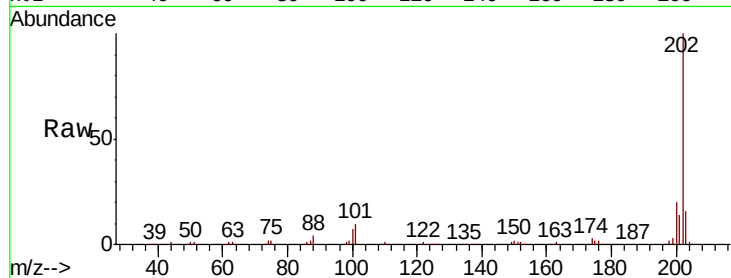
Tot Ion:202 Resp: 179702

Ion Ratio Lower Upper

202 100

101 10.2 0.0 32.7

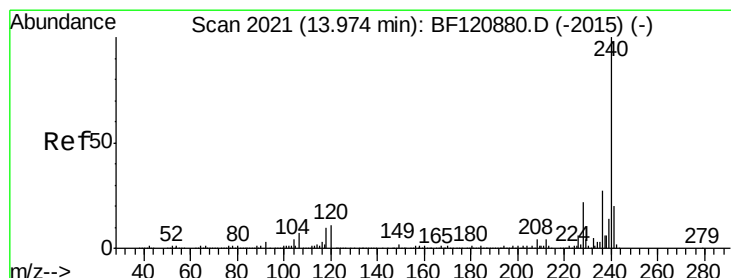
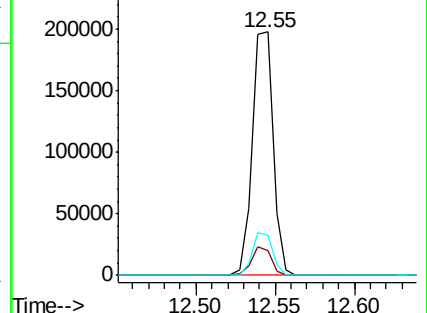
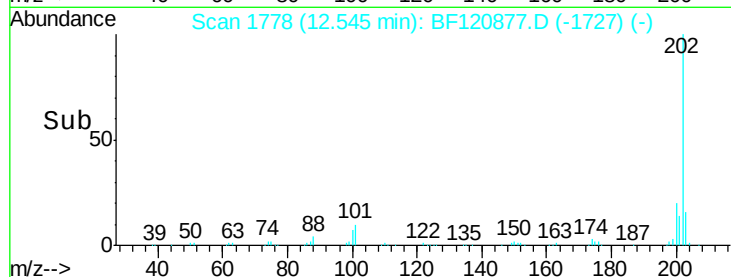
203 16.3 0.0 38.0



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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF120877.D

Acq: 16 Jul 2020 10:14

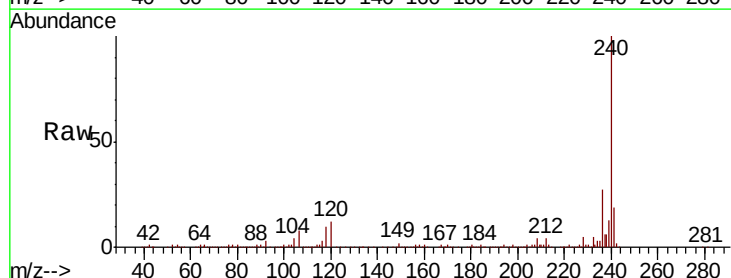
Tgt Ion:240 Resp: 501320

Ion Ratio Lower Upper

240 100

120 11.5 9.0 13.4

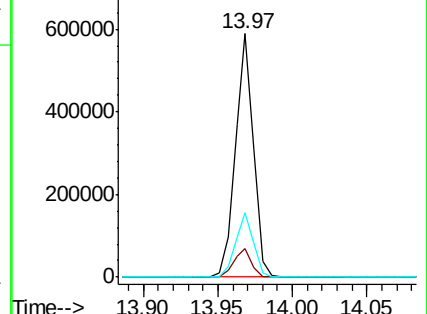
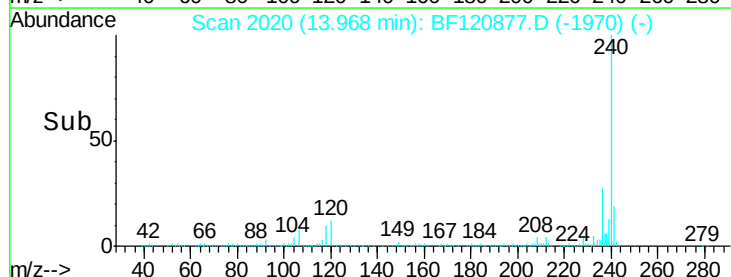
236 26.6 21.7 32.5

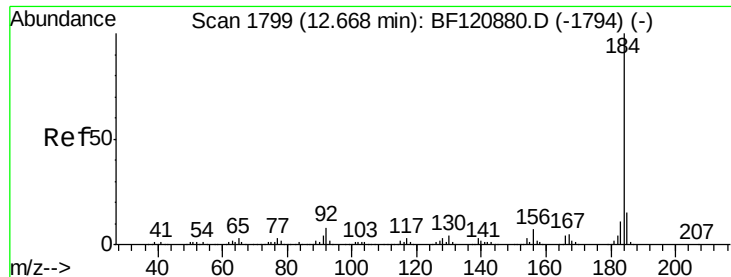


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 4.165 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF120877.D

Acq: 16 Jul 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

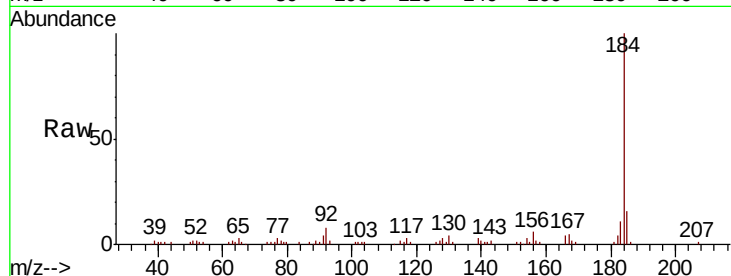
Tot Ion:184 Resp: 58935

Ion Ratio Lower Upper

184 100

185 16.0 12.2 18.2

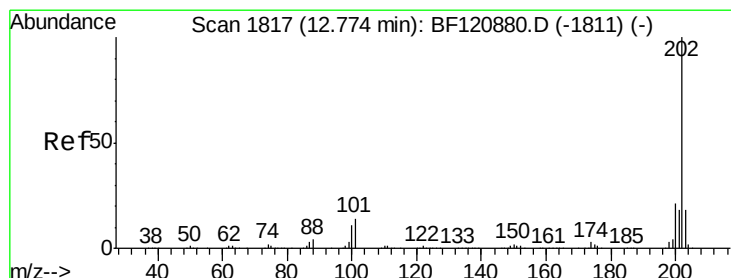
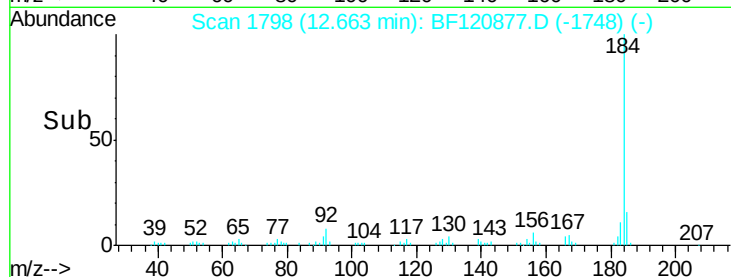
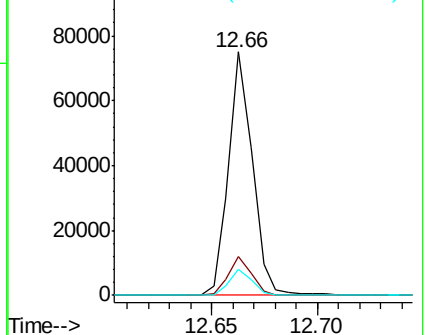
183 10.6 8.5 12.7



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: 4.761 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF120877.D

Acq: 16 Jul 2020 10:14

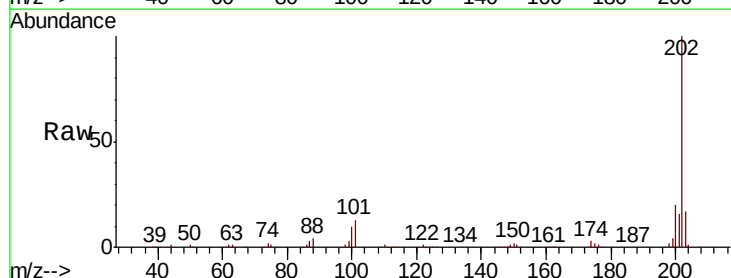
Tgt Ion:202 Resp: 190614

Ion Ratio Lower Upper

202 100

200 19.8 17.0 25.4

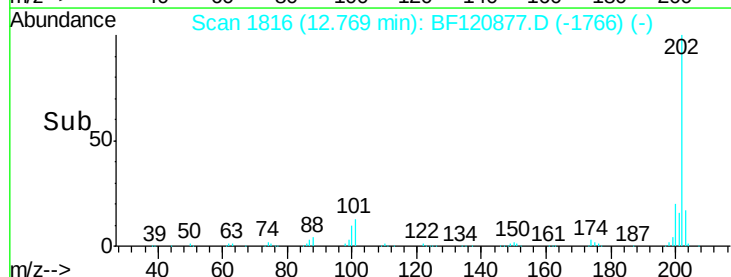
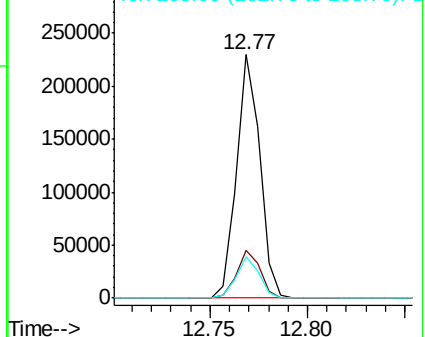
203 17.2 14.4 21.6

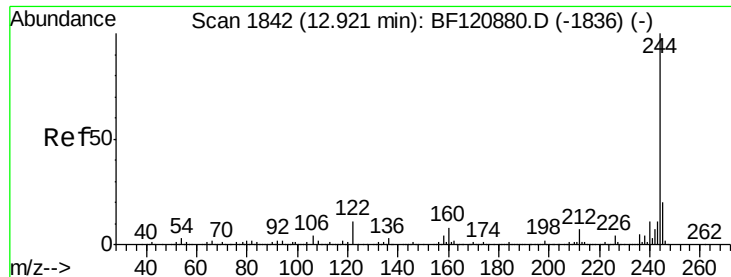


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

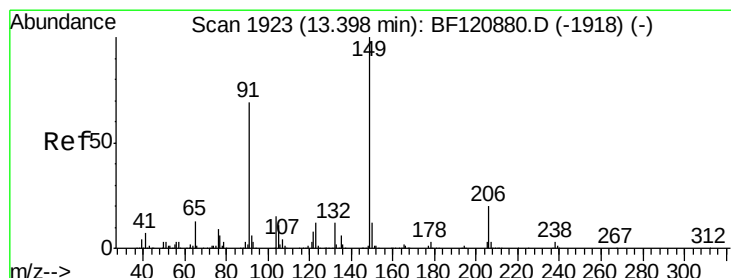
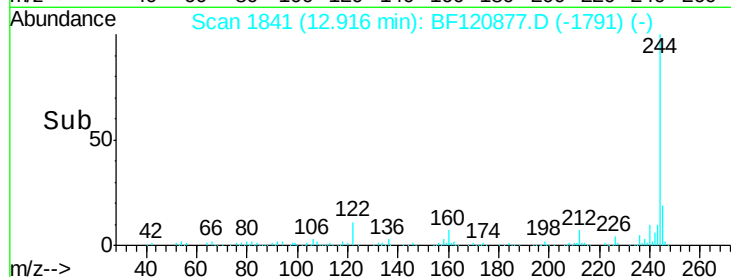
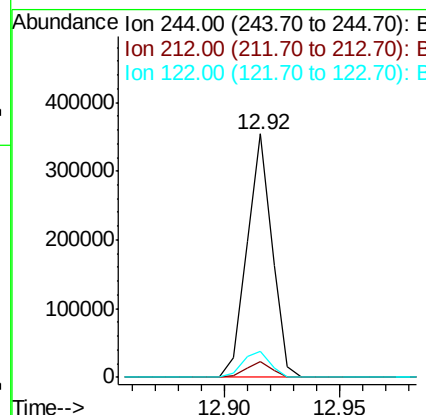
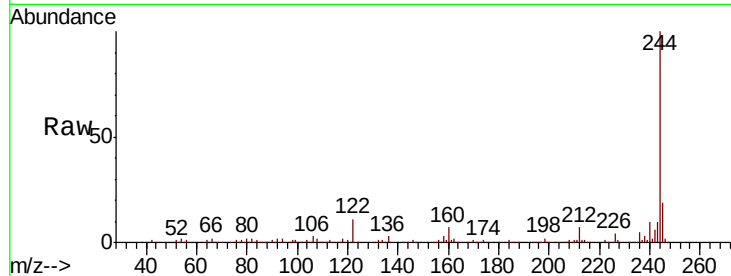




#79
 Terphenyl-d14
 Concen: 10.508 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF120877.D
 Acq: 16 Jul 2020 10:14

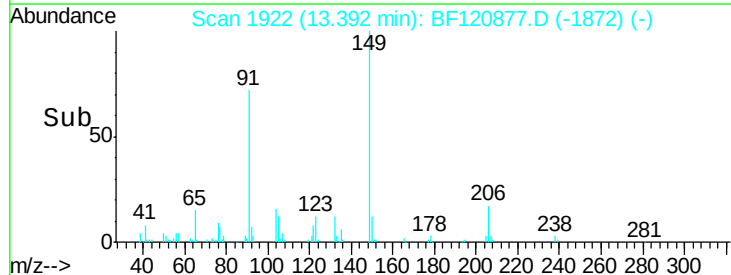
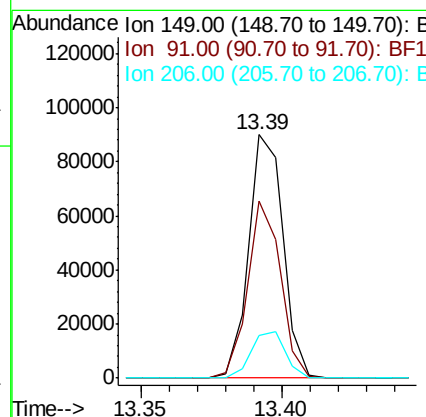
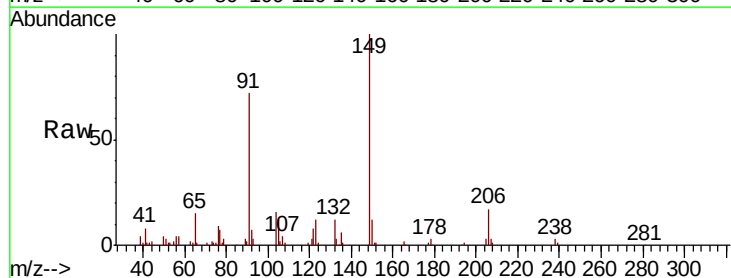
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

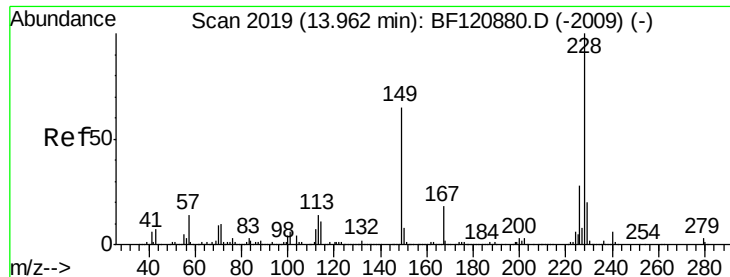
Tot Ion:244 Resp: 269059
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.5 8.9 13.3



#80
 Butylbenzylphthalate
 Concen: 4.401 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. -0.01 min
 Lab File: BF120877.D
 Acq: 16 Jul 2020 10:14

Tgt Ion:149 Resp: 76082
 Ion Ratio Lower Upper
 149 100
 91 72.5 55.1 82.7
 206 17.5 16.1 24.1





#81

Benzo(a)anthracene

Concen: 5.458 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF120877.D

Acq: 16 Jul 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

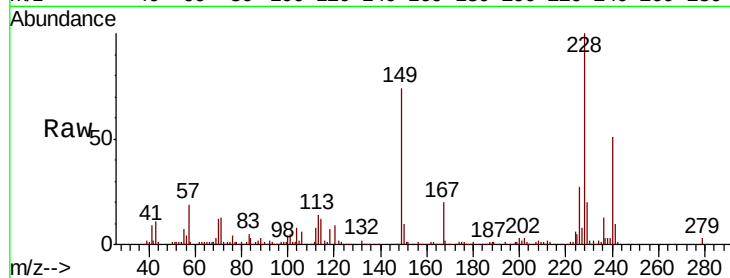
Tot Ion:228 Resp: 175397

Ion Ratio Lower Upper

228 100

226 26.6 22.3 33.5

229 19.7 16.1 24.1

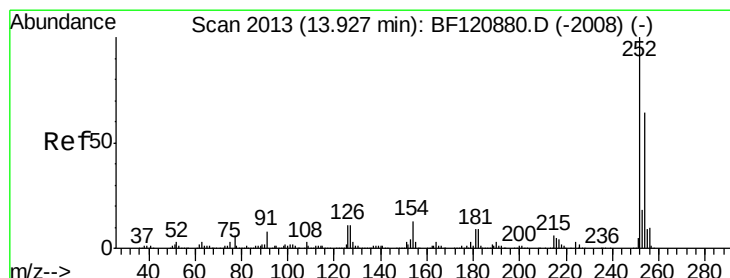
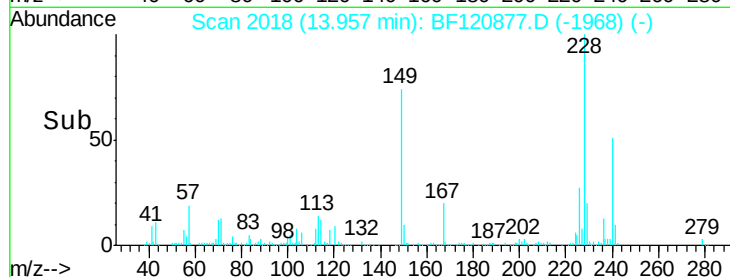
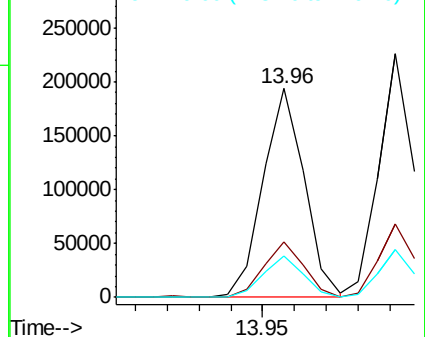


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 5.233 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF120877.D

Acq: 16 Jul 2020 10:14

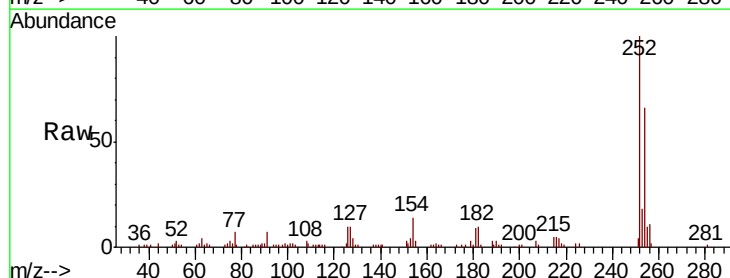
Tgt Ion:252 Resp: 56750

Ion Ratio Lower Upper

252 100

254 65.9 51.2 76.8

126 10.1 8.7 13.1

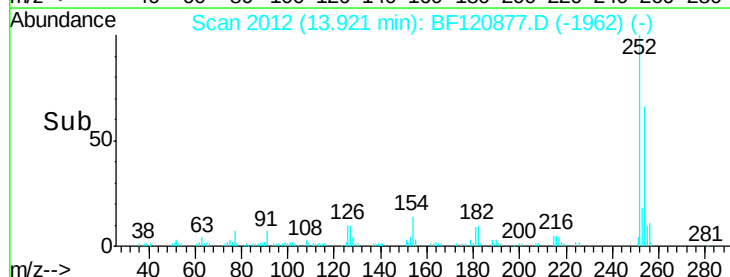
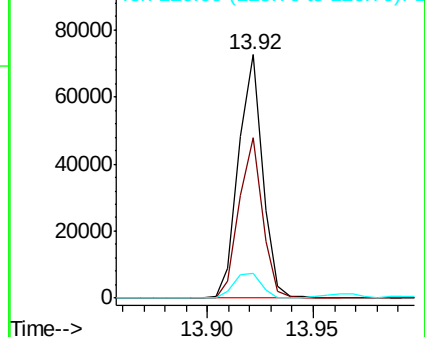


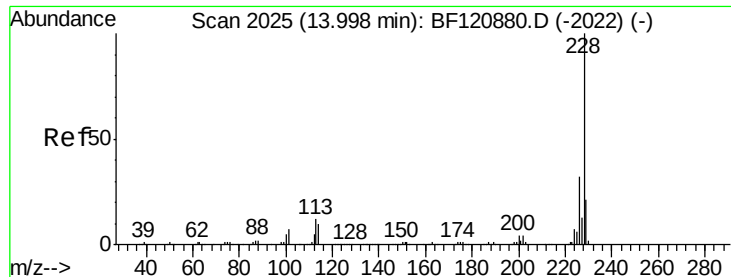
Abundance

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: 5.279 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF120877.D

Acq: 16 Jul 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

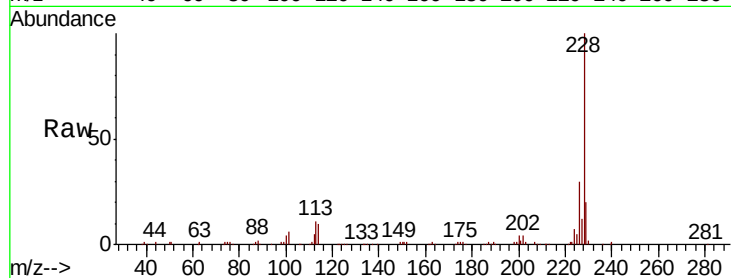
Tot Ion:228 Resp: 173044

Ion Ratio Lower Upper

228 100

226 30.0 25.6 38.4

229 19.6 16.8 25.2

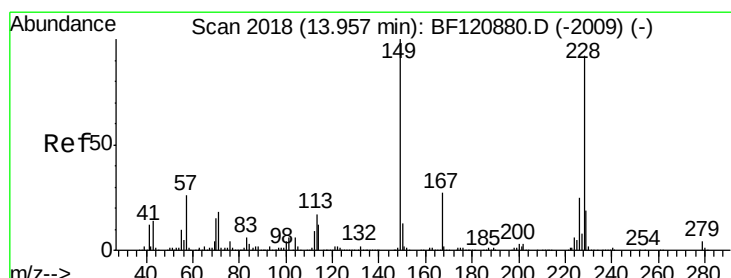
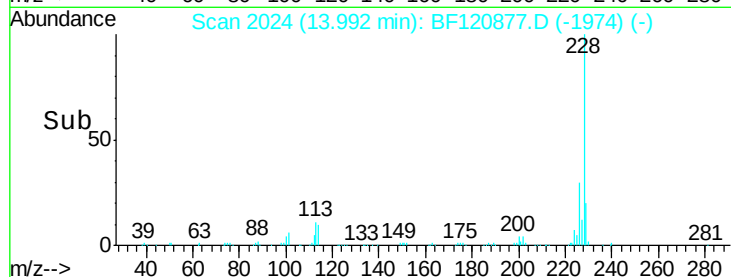
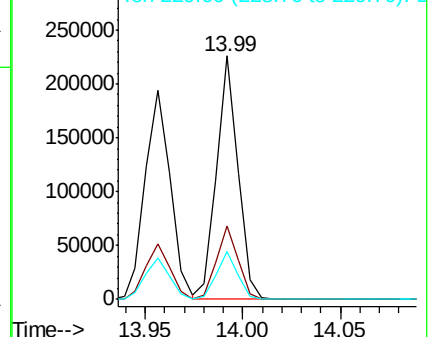


Abundance

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: 4.968 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF120877.D

Acq: 16 Jul 2020 10:14

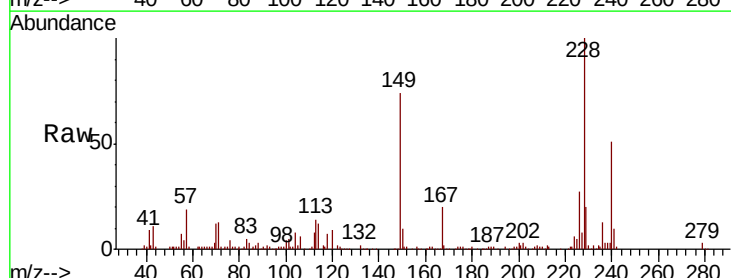
Tgt Ion:149 Resp: 112613

Ion Ratio Lower Upper

149 100

167 27.2 21.9 32.9

279 3.6 3.0 4.4

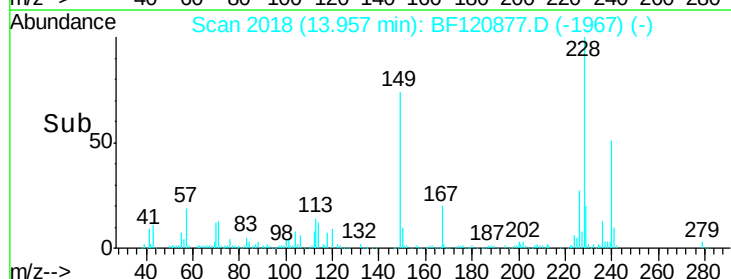
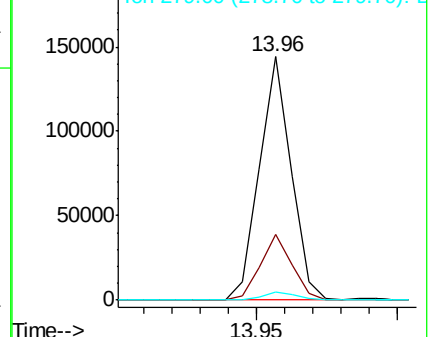


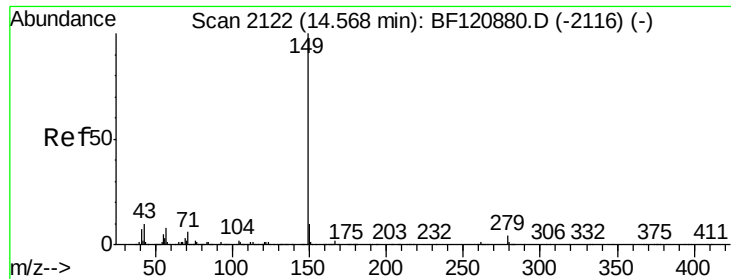
Abundance

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

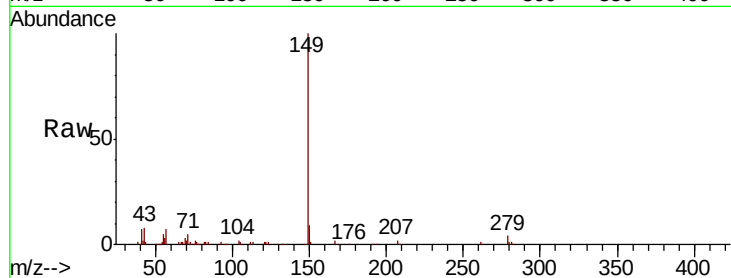




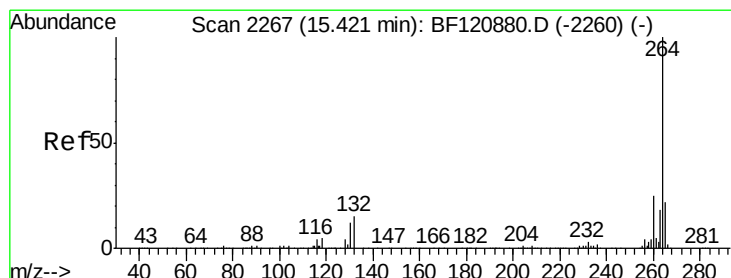
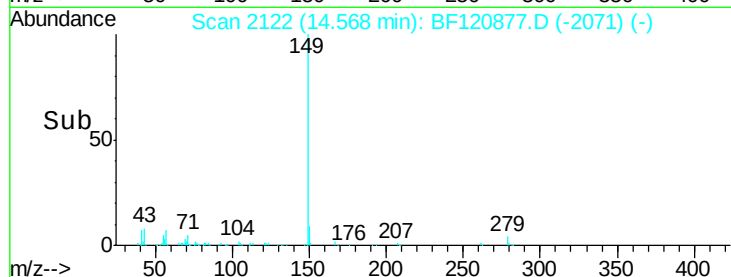
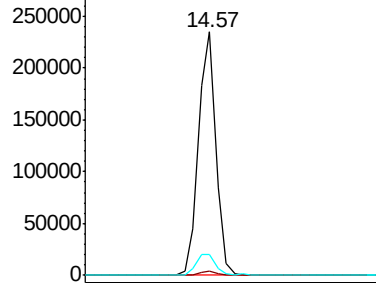
#85
Di-n-octyl phthalate
Concen: 5.017 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF120877.D
Acq: 16 Jul 2020 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC005

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.3	1.9
43	10.6	7.6	11.4

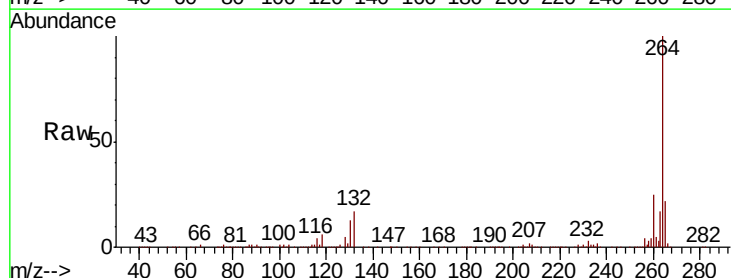


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

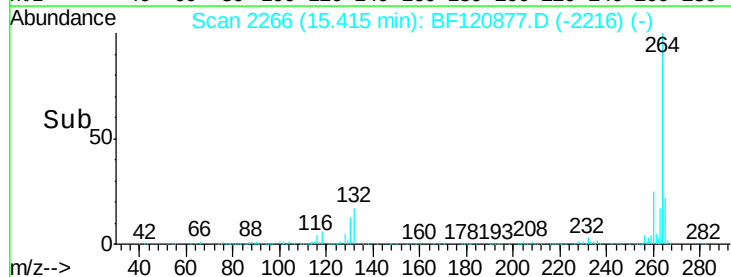
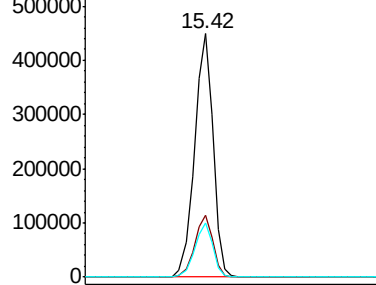


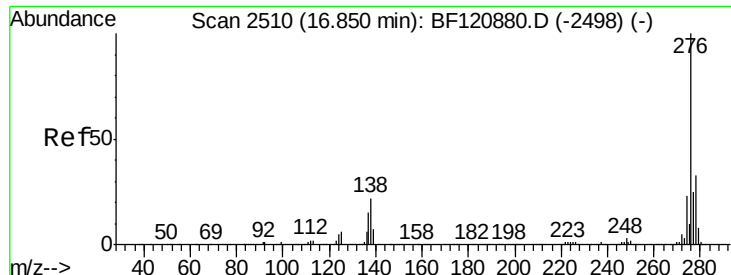
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF120877.D
Acq: 16 Jul 2020 10:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.0	30.0
265	22.1	17.4	26.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

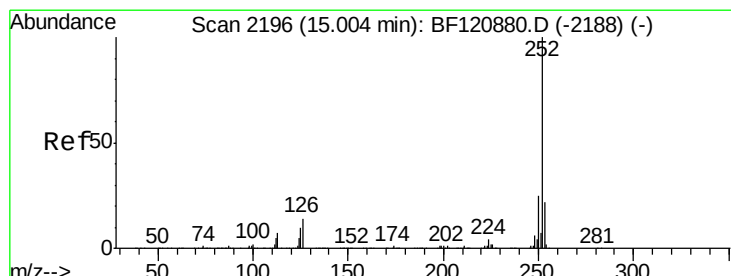
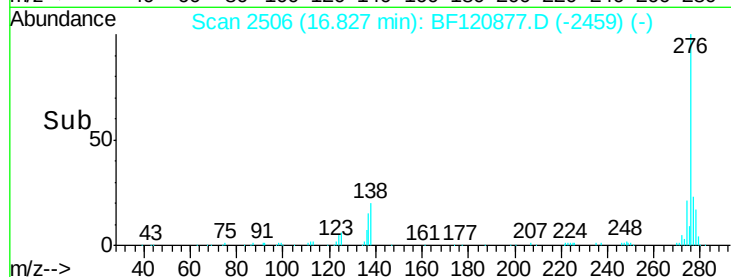
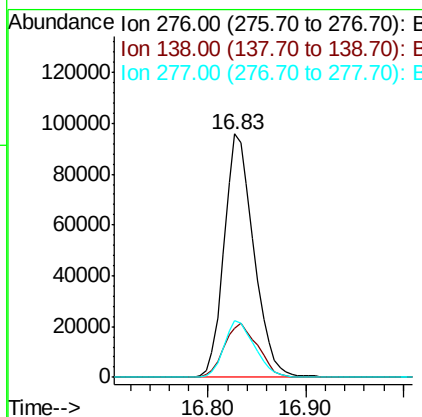
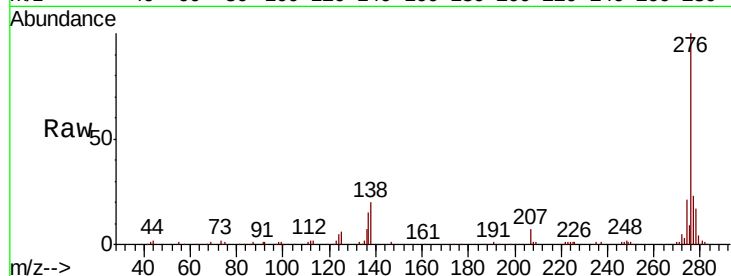




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 5.961 ng
 RT: 16.83 min Scan# 2506
 Delta R.T. -0.02 min
 Lab File: BF120877.D
 Acq: 16 Jul 2020 10:14

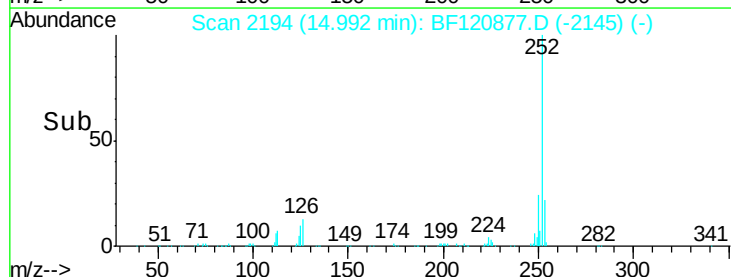
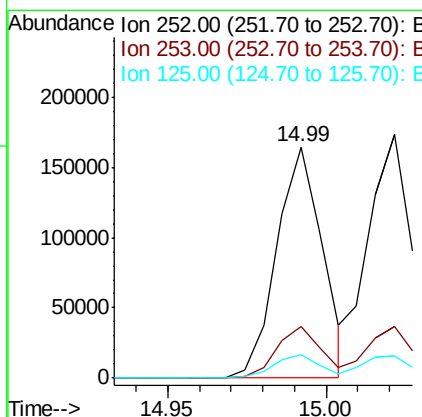
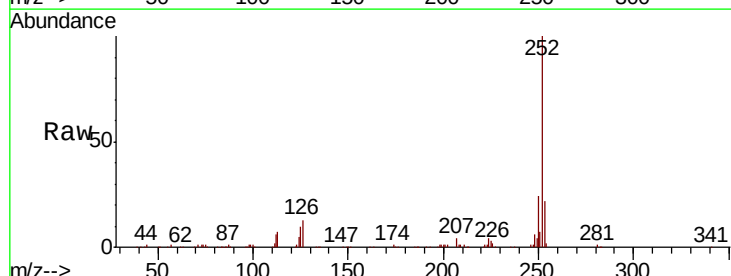
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

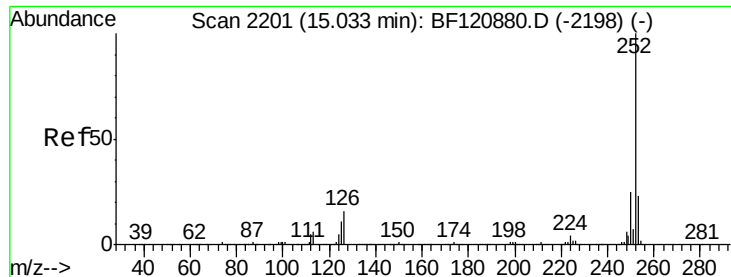
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.8	29.8
277	24.0	20.2	30.2



#88
 Benzo(b)fluoranthene
 Concen: 4.758 ng
 RT: 14.99 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: BF120877.D
 Acq: 16 Jul 2020 10:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	10.1	8.3	12.5

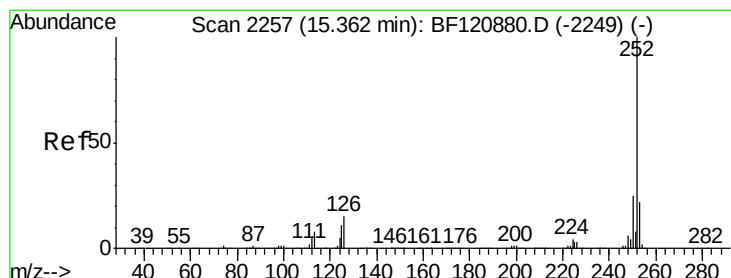
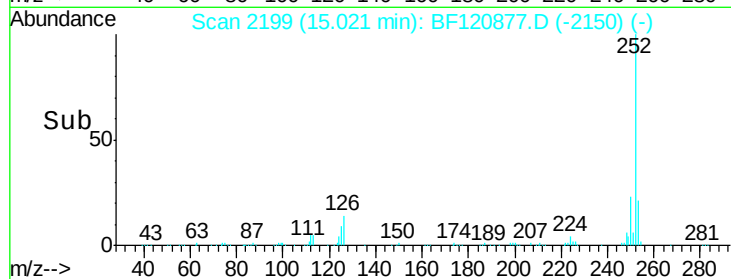
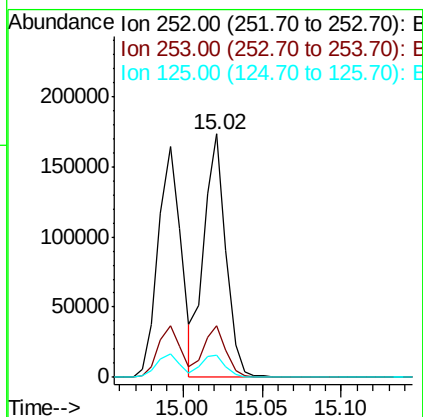
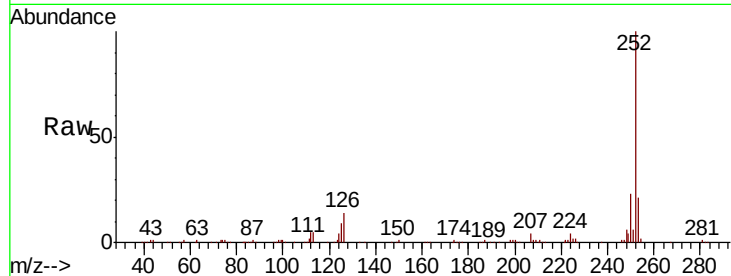




#89
Benzo(k)fluoranthene
Concen: 5.010 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF120877.D
Acq: 16 Jul 2020 10:14

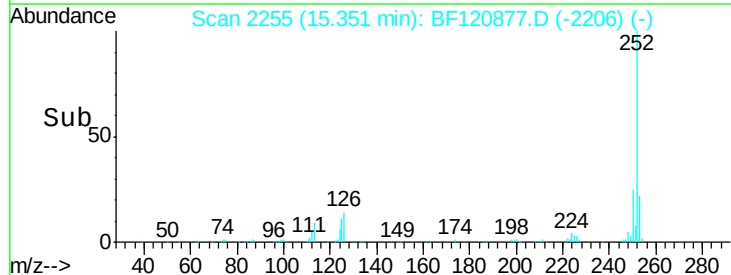
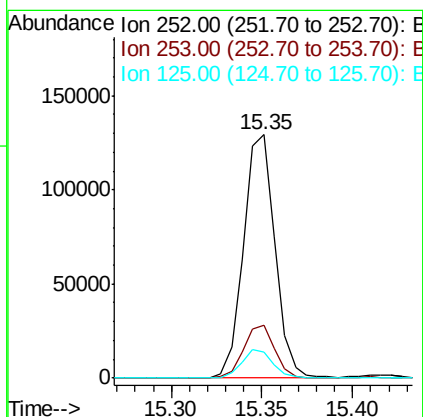
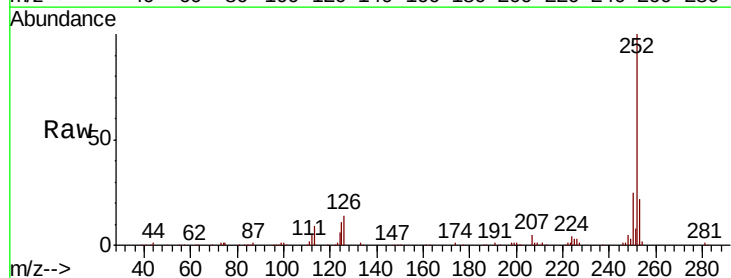
Instrument :
BNA_F
ClientSampleId :
SSTDIC005

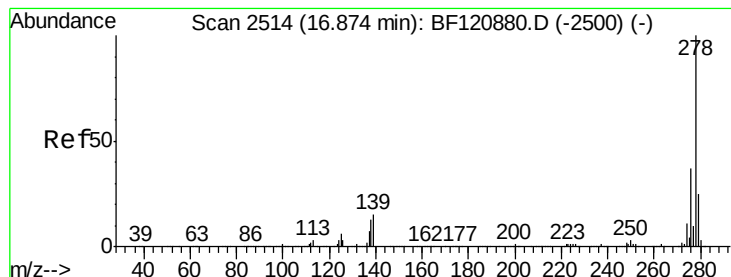
Tot Ion:252 Resp: 169304
Ion Ratio Lower Upper
252 100
253 21.3 18.2 27.2
125 9.0 8.4 12.6



#90
Benzo(a)pyrene
Concen: 5.034 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BF120877.D
Acq: 16 Jul 2020 10:14

Tgt Ion:252 Resp: 155952
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 10.9 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 5.856 ng

RT: 16.85 min Scan# 2510

Delta R.T. -0.02 min

Lab File: BF120877.D

Acq: 16 Jul 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

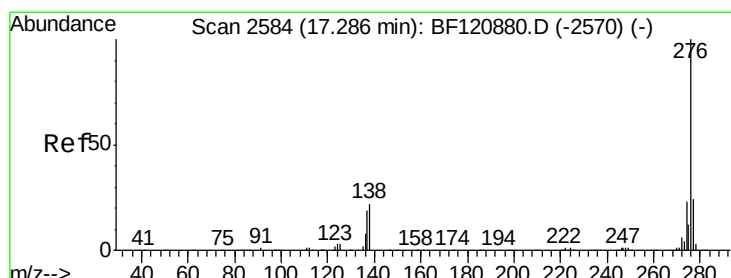
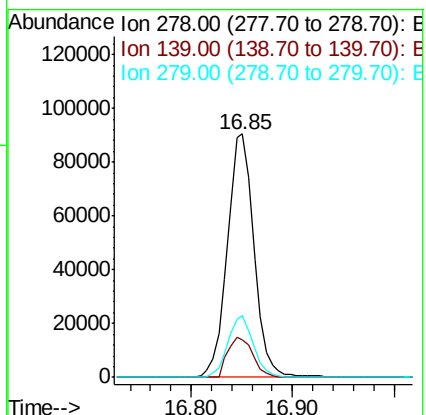
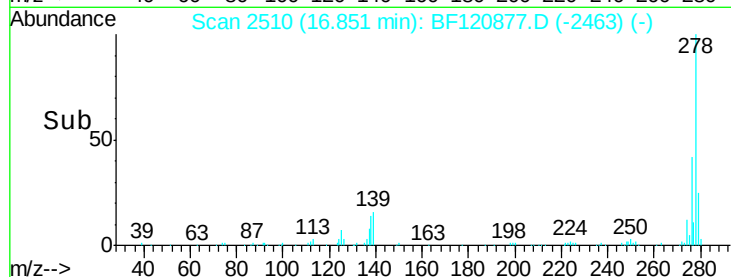
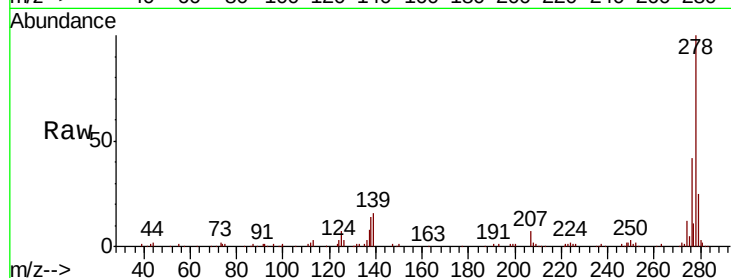
Tot Ion:278 Resp: 165380

Ion Ratio Lower Upper

278 100

139 15.6 12.3 18.5

279 25.2 20.1 30.1



#92

Benzo(g,h,i)perylene

Concen: 6.223 ng

RT: 17.26 min Scan# 2579

Delta R.T. -0.03 min

Lab File: BF120877.D

Acq: 16 Jul 2020 10:14

Tgt Ion:276 Resp: 160637

Ion Ratio Lower Upper

276 100

277 24.8 18.8 28.2

138 23.3 17.5 26.3

